



HCA - LEE’S SUMMIT MEDICAL CENTER MODULAR INTERIM KITCHEN COMPLEX

2100 SE BLUE PKWY, LEE’S SUMMIT, MO 64063

DGL PROJECT NO	6406.24.0001	DATE:
HCA PROJECT NO.	0972400009	07/03/2025
HCA DESIGN MANAGER:	MIKAL MALIK	
HCA CONSTRUCTION MANAGER:	ERIC SJODIN	

SUBMITTALS:	DATE:
CITY & STATE - 1 ST REVIEW	05/23/2025
CITY - 2 ND REVIEW	07/03/2025
DESIGN COORDINATION	07/03/2025

Devenney
GROUP

Devenney Group Ltd., Architects

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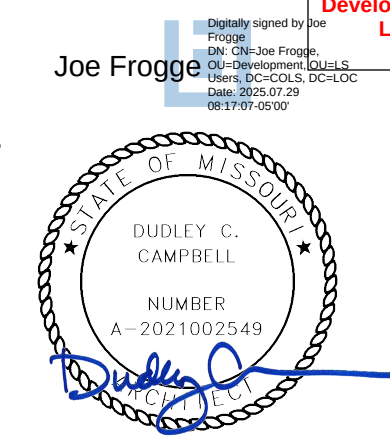
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ARCHITECTS

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SCOTTSDALE, AZ 85251
PROJECT MANAGER: KEVIN COOK

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DATE SIGNED: 07.03.25

WSP
MECHANICAL, PLUMBING & ELECTRICAL ENGINEERS
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105
PROJECT MANAGER: MINDY WHISLER

816.702.4247

KITCHENS TO GO
MODULAR KITCHEN DESIGNER
131 W. JEFFERSON AVE, SUITE 223
NAPERVILLE, IL 60540
PROJECT MANAGER: ZACH DAVIS

901.451.2152

NABHOLZ
GENERAL CONTRACTOR

6640 CAROTHERS PARKWAY, STE 150
FRANKLIN, TN 37067
PROJECT MANAGER: JEREMY BRANSON

913.393.6552

PROJECT SYMBOLS

DIMENSION LINE

12'-0"

TO FACE OF FRAMING OR
CENTERLINE OF STRUCTURE

NORTH ARROW

TRUE NORTH

REFERENCE NORTH

REVISION

1

STANDARD

PRE-PERMIT
REVISION

KEY FOR ENLARGED PLAN

1

MAINT

DISCLAIMER

THESE COMPOSITION PLANS WERE DEVELOPED USING THE RECORD CONSTRUCTION PLANS PROVIDED BY THE CLIENT. RECORD DRAWINGS WERE UTILIZED TO GENERATE THE COMPOSITE PLANS. VERIFICATIONS WERE MADE FOR MINOR ALTERATION AND DEVIATIONS FROM THE ORIGINAL CONSTRUCTION PLANS. EXTENSIVE AS-BUILT VERIFICATION WAS NOT PERFORMED FOR THE COMPOSITE PLANS. THE COMPOSITE PLANS WERE UTILIZED FOR THE BASE PLANS FOR THE DEVELOPMENT OF THE MECHANICAL AND ELECTRICAL COMPOSITE PLANS. LIMITED FIELD VERIFICATION OF MECHANICAL AND ELECTRICAL SYSTEMS WERE PERFORMED TO DETERMINE LOCATIONS OF MAJOR COMPONENTS, FIRE PROTECTION AND LIFE SAFETY SYSTEMS

VICINITY MAP

CHAMBERLAIN DR

SE BLUE PARKWAY

THIS PROJECT
LEE'S SUMMIT
MEDICAL CENTER

PROJECT DATA

PROJECT NAME

HCA - LEE'S SUMMIT MEDICAL CENTER - MODULAR INTERIM KITCHEN COMPLEX

ADDRESS

2100 SE BLUE PKWAY
LEE'S SUMMIT, MO 64063

BRIEF PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING COMPONENT:

•LEVEL 1 - MODULAR INTERIM KITCHEN INFRASTRUCTURE:
-THE SCOPE OF WORK WILL INCLUDE THE RUNNING OF UTILITIES (MEP) NEEDED TO SERVICE THE INTERIM KITCHEN AND ITS COMPONENTS.

NOTE: FOR BUILDING CODE INFORMATION REFER TO G-002 SHEET ON VENDOR DRAWINGS (KITCHENS TO GO)

DEFERRED SUBMITTALS

• FIRE/SMOKE ALARM DESIGN AND ENGINEERING

• FIRE SUPPRESSION DESIGN AND ENGINEERING

SHEET INDEX

X = ISSUED SHEET

R = REVISED SHEET

F = FOR REFERENCE ONLY

D = DELETED SHEET

CITY & STATE - 1ST REVIEW - 06/29/2025

CITY - 2ND REVIEW - 07/03/25

DESIGN COORDINATION - 2025/07/08

SHEET NUMBER

SHEET NAME

GENERAL INFORMATION

GI000

COVER SHEET

X

R

R

GI101

SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS

X

R

R

ARCHITECTURAL SITE

AS001

ARCHITECTURAL SITE PLAN

X

R

PLUMBING

P00-00

GENERAL INFORMATION - PLUMBING

X

P02-01

FLOOR PLAN - LEVEL 01 - PLUMBING

X

P02-01A

FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - PLUMBING

X

P07-01

DETAILS - PLUMBING

X

MEPT

MEPT01 - 00

SITE PLAN - MEPT

X

MEPT02 - 02

ROOF PLAN - MEPT

X

R

ELECTRICAL

E00-00

GENERAL INFORMATION - ELECTRICAL

X

R

E02-01

FLOOR PLAN - LEVEL 01 - POWER

X

E03-01

FLOOR PLAN - LEVEL 01 - LIGHTING

X

E04-01

FLOOR PLAN - LEVEL 01 - SECTOR A - SPECIAL SYSTEMS

X

E06-00

ONE LINE DIAGRAM - ELECTRICAL

X

R

R

E07-01

DETAILS - ELECTRICAL

X

E08-01

SCHEDULES - ELECTRICAL

X

TECHNOLOGIES

T00-00

GENERAL INFORMATION - TECHNOLOGY

X

T02-01

FLOOR PLAN - LEVEL 01 - COMMUNICATIONS

X

T07-01

DETAILS - TECHNOLOGY

X

VENDOR (KITCHENS TO GO)			
G-001	COVER SHEET & DRAWING INDEX	F	
G-002	APPLICABLE CODES, GENERAL NOTES & FINISH SCHEDULES	F	
G-003	DOOR SCHEDULE & EGRESS PLAN	F	
G-004	TYPICAL 2A & 5B CONSTRUCTION TYPES	F	
A-101	SITE PLAN	F	
A-102	RAMP STAIRS & PLATFORMS PLAN	F	
I-101A	INTERIOR FLOOR PLAN & EQUIPMENT LIST	F	
I-101B	INTERIOR FLOOR PLAN & EQUIPMENT LIST	F	
I-102	REFLECTED CEILING PLAN	F	
A-103A	KITCHEN COMPLEX UTILITIES FLOOR PLAN	F	
A-103B	SERVERY COMPLEX UTILITIES FLOOR PLAN	F	
A-103C	KITCHEN COMPLEX UTILITIES ROOF PLAN	F	
A-103D	SERVERY COMPLEX UTILITIES ROOF PLAN	F	
A-104	PIER PLAN	F	

VENDOR (KITCHENS TO GO - SERVERY)			
(M681) G-001	COVER SHEET & DRAWING INDEX	F	
(M681) I-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST	F	
(M681) E-101	ELECTRICAL FLOOR PLAN SCHEMATIC	F	
(M681) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	
(M681) M-101	HVAC DUCTING PLAN	F	
(M681) P-601	FRESH WATER PLUMBING SCHEMATIC	F	
(M681) P-602	WASTE WATER PLUMBING SCHEMATIC	F	

VENDOR (KITCHENS TO GO - SERVERY UNIT)			
(M682) G-001	COVER SHEET & DRAWING INDEX	F	
(M682) I-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST	F	
(M682) E-101	ELECTRICAL FLOOR PLAN SCHEMATIC	F	
(M682) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	
(M682) M-101	HVAC DUCTING PLAN	F	
(M682) P-601	FRESH WATER PLUMBING SCHEMATIC	F	
(M682) P-602	WASTE WATER PLUMBING SCHEMATIC	F	

VENDOR (KITCHENS TO GO - WASH UNIT)			
(M820) G-001	COVER SHEET AND DRAWING INDEX	F	
(M820) I-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST	F	
(M820) E-101	ELECTRICAL FLOOR PLAN SCHEMATIC	F	
(M820) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	
(M820) M-101	HVAC DUCTING PLAN	F	
(M820) P-601	FRESH WATER PLUMBING SCHEMATIC	F	
(M820) P-602	WASTE WATER PLUMBING SCHEMATIC	F	
(M820) P-603	GAS PLUMBING SCHEMATIC	F	

VENDOR (KITCHENS TO GO - COOK UNIT)			
(M821) G-001	COVER SHEET & DRAWING INDEX	F	
(M821) I-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST	F	
(M821) E-101	ELECTRICAL FLOOR PLAN SCHEMATIC	F	
(M821) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	
(M821) E-602	ELECTRICAL PANEL SCHEDULE(S)	F	
(M821) M-501	MAKEUP AIR SPECIFICATIONS	F	
(M821) M-502	EXHAUST HOOD PLAN & SPECIFICATIONS	F	
(M821) M-503	EXHAUST HOOD PLAN & SPECIFICATIONS	F	
(M821) M-504	EXHAUST FAN & MAU SPECS	F	
(M821) M-505	EXHAUST FAN & MAU SPECS	F	
(M821) M-506	CONTROL PANEL	F	
(M821) M-507	MAU DUCTING SPECIFICATIONS	F	
(M821) M-508	EXHAUST FAN ELEVATION	F	
(M821) P-601	FRESH WATER PLUMBING SCHEMATIC	F	
(M821) P-602	WASTE WATER PLUMBING SCHEMATIC	F	
(M821)R-000	ALL ALUMINUM RAMP SYSTEM	F	

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Consultant:

STATE OF MISSOURI

DODLEY, C. CAMPBELL

NUMBER A-2021007548

DATE SIGNED: 07.03.25

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MODULAR
INTERIM
KITCHEN
COMPLEX

HCA - LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PKWY, LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/07/03
B	DESIGN COORDINATION	2025/07/03

DATE: 05/23/2025

SCALE:

DRAWN:

REVIEWED:

JOB NUMBER: 6406.24.0001

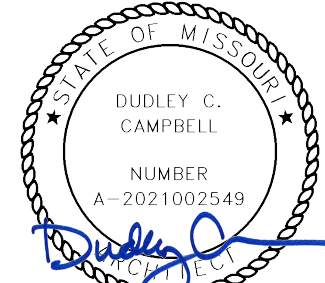
SHEET INDEX, PROJECT
INFORMATION, AREA MAPS,
SYMBOLS

GI101



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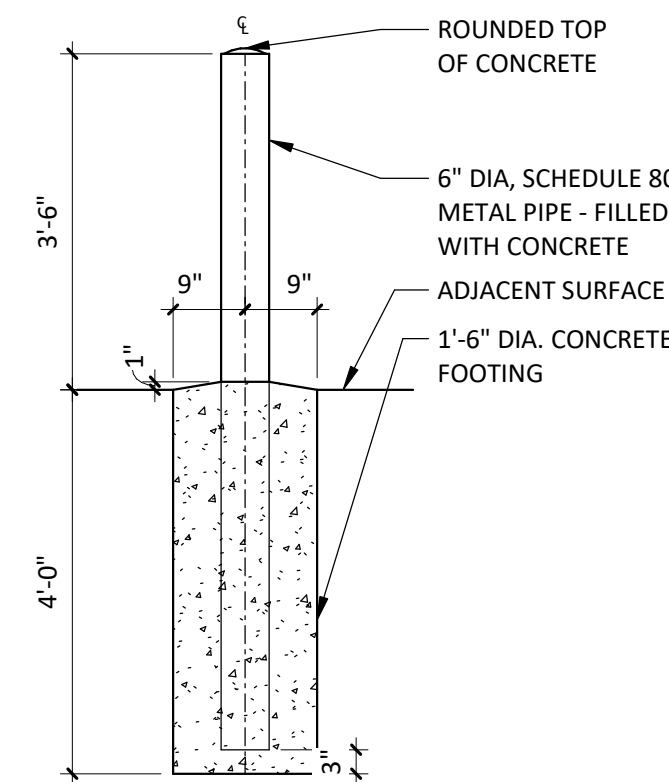
DATE: 05/23/2025
SCALE: As indicated
DRAWN:
REVIEWED:
JOB NUMBER: 6406.24.0001

ARCHITECTURAL SITE PLAN

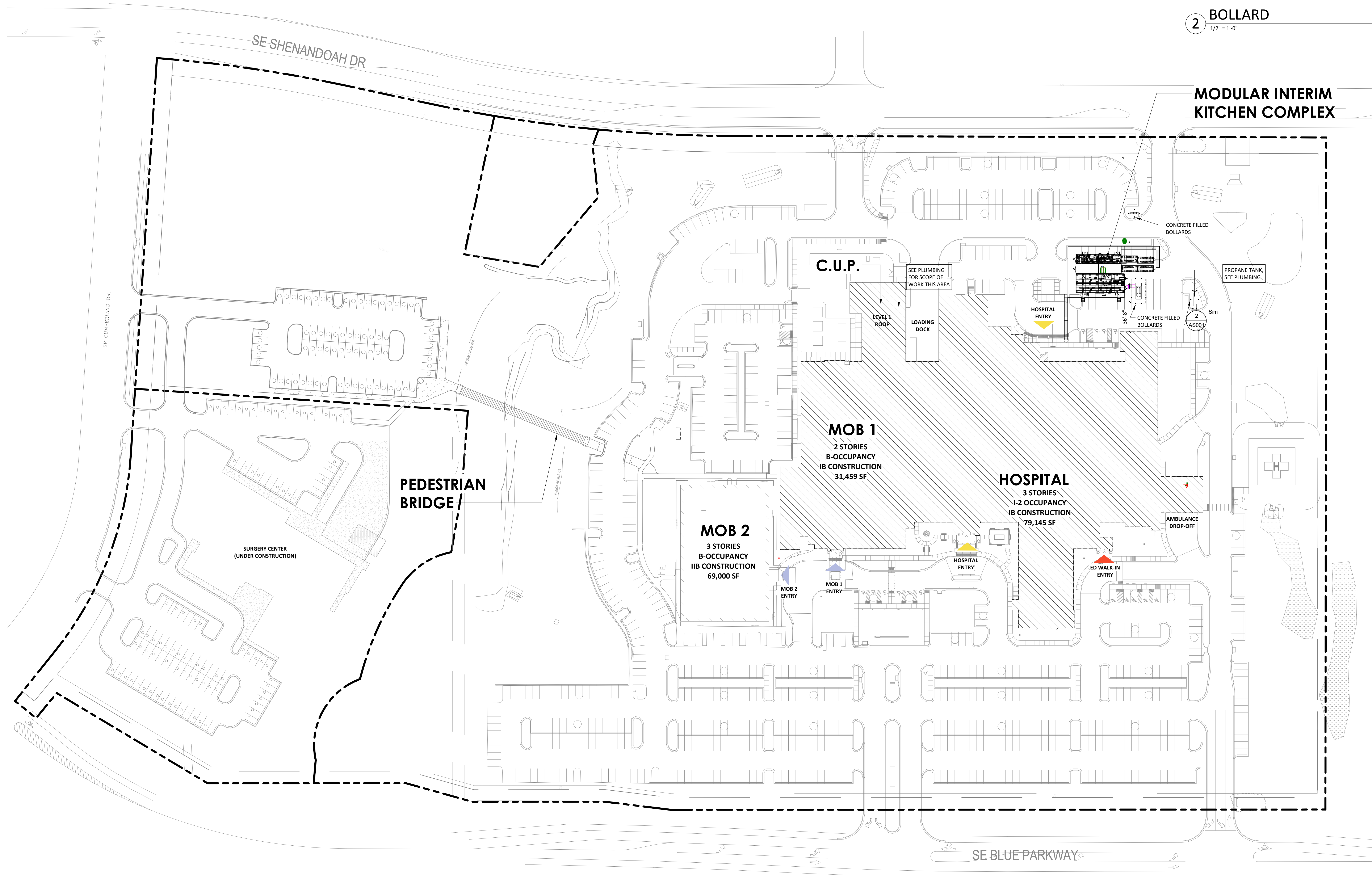
AS001

SITE PLANS GENERAL NOTES

1. CONTRACTOR TO PROVIDE OCCUPANCY PLAQUE TO ALL ASSEMBLY SPACES. POSTED SIGNS ARE TO BE LOCATED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT. DINING OCCUPANCY COUNT TO NOT EXCEED 95.



CONCRETE FILLED PIPE
BOLLARD
1/2" = 1'-0"



1 OVERALL SITE PLAN
1" = 50'-0"



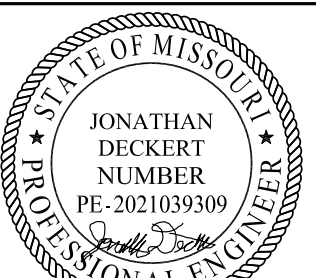
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06/12/2025

WSP USA Buildings Inc. 2013001881

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CENTER
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SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2

FACILITY NUMBER:

0972400009

FACILITY NUMBER 2

AGENCY APPROVALS:

AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 05/23/25
SCALE: 1/8" = 1'-0"
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: 6406.24.0001

GENERAL INFORMATION -
PLUMBING

P00-00

PLUMBING SYMBOLS			
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (CW)		PRESSURE GAUGE WITH GAUGE COCK
	DOMESTIC HOT WATER (HW)		THERMOMETER WITH GAUGE COCK
	DOMESTIC HOT WATER RETURN (HWR)		HOSE BIBB (HB)
	ACID WASTE		FLOOR CLEANOUT OR GRADE CLEANOUT (ECO, GCO)
	ACID VENT		WALL CLEANOUT (WCO)
	TEMPERED WATER		CLEANOUT PLUG
	COLD OR HOT REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RP2)		DIRECTION OF SLOPE - GRAVITY PIPING
	EXISTING PIPING TO REMAIN		DIRECTION OF FLOW - PRESSURE PIPING
	EXISTING PIPING TO BE REMOVED		PIPING CAPPED OFF
	SANITARY SEWER/WASTE PIPING		BALANCING VALVE
	SANITARY VENT PIPING		STRAINER
	INDIRECT WASTE		SHOCK ARRESTOR
	CONNECT NEW TO EXISTING		HUB DRAIN (HD)
	DOMESTIC COLD WATER (CW) BELOW GRADE		FLOOR DRAIN (FD)
	PROPANE GAS BELOW GRADE		LEGEND NOTE
	COMPRESSED AIR PIPING		FUEL OIL SUPPLY PIPING
	GREASY WASTE		FUEL OIL RETURN PIPING
	SUBSOIL/PERIMETER DRAIN PIPING		DRY FIRE STANDPIPE PIPING
	BUTTERFLY VALVE		SPRINKLER PIPING
	BALL VALVE		DRY SPRINKLER PIPING
	GLOBE VALVE		FIRE PROTECTION PIPING
	TEMPERATURE AND PRESSURE RELIEF VALVE		CONNECT TO EXISTING
	GAS COCK / PLUG VALVE		DEMOLISH TO
	SOLENOID VALVE		
	PRESSURE REGULATING VALVE		
	AQUASTAT		
	CHECK VALVE		
	GATE VALVE		

PLUMBING NOTES

GENERAL NOTES, CONT.

DEMOLITION NOTES

- A. ALL PLUMBING WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES AND ORDINANCES INCLUDING, BUT NOT LIMITED TO, THE LEE'S SUMMIT, MISSOURI PLUMBING AND BUILDING CODES & ORDINANCES, NFPA 13 & 14, THE AMERICAN DISABILITIES ACT AND THE LIFE SAFETY CODE. IT IS A REQUIREMENT OF THIS CONTRACT THAT THE CONTRACTOR BE EXPERIENCED IN THIS TYPE OF WORK AND BE THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE APPLICABLE CODES, WHETHER SPECIFICALLY REFERRED TO IN THE DOCUMENTS OR NOT.
- B. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL NECESSARY FEES FOR THE PLUMBING WORK.
- C. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED TO PROVIDE COMPLETE AND WORKING PLUMBING SYSTEMS, AS DESCRIBED IN THE CONTRACT DOCUMENTS, AND FULLY COORDINATED WITH ALL OTHER TRADES.
- D. REFER TO THE SPECIFICATIONS, THE DRAWINGS AND MANUFACTURER'S CUT SHEETS FOR COMPLETE INFORMATION ON MATERIALS AND METHODS REQUIRED TO INSTALL THE PLUMBING SYSTEMS.
- E. ALL PLUMBING WORK DONE UNDER THIS CONTRACT SHALL BE ACCOMPLISHED IN A SKILLED WORKMANLIKE AND PROFESSIONAL MANNER.
- F. ALL PLUMBING AND FIRE PROTECTION PIPING SHALL BE INDEPENDENTLY SUPPORTED, AND EACH SUPPORT SHALL BE INDEPENDENT OF PARTITION AND CEILING SYSTEM SUPPORTS. WHERE INDEPENDENT SUPPORT IS NOT POSSIBLE AN ENGINEERED SUPPORT SYSTEM SHALL BE UTILIZED. HOLD ALL PIPING IN CEILING SPACES HIGH TO STRUCTURE AS POSSIBLE.
- G. ALL WORK SHALL BE SCHEDULED AND PERFORMED IN COORDINATION WITH ARCHITECTURAL PLANS. PROJECT SCHEDULES AND HOSPITAL OPERATIONS & REQUIREMENTS. COORDINATE ALL REQUIRED SHUT DOWN OF SYSTEMS OR OUT OF PHASE WORK WITH THE OWNER'S REPRESENTATIVE & HOSPITAL PERSONNEL.
- H. THE CONTRACTOR SHALL PROTECT THE PLUMBING EQUIPMENT AND FIXTURES FROM DAMAGE DURING HANDLING AND INSTALLATION AND UNTIL THE PROJECT IS COMPLETED. ANY EQUIPMENT OR FIXTURE THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE ARCHITECT AND ENGINEER'S DISCRETION, AND AT THE CONTRACTOR'S EXPENSE.
- I. THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT AND FIXTURES UPON COMPLETION OF THE PROJECT.
- J. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDDING TO VERIFY THE EXACT SIZE AND LOCATION OF ALL EXISTING PIPING RELATED TO HIS WORK.
- K. THE CONTRACTOR SHALL COORDINATE THE PLUMBING WORK WITH ALL OTHER TRADES. WORK SHOWN ON THE DRAWINGS IS INTENDED TO PROVIDE THE OVERALL ENGINEERING DESIGN CONCEPT AND MAY REQUIRE RELOCATIONS, FIELD ADJUSTMENTS OR OFFSETS TO COORDINATE WITH OTHER TRADES AND THE BUILDING STRUCTURE. COSTS FOR ALL SUCH MINOR FIELD ADJUSTMENTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- L. IT IS THE REQUIREMENT OF THESE DOCUMENTS TO ALLOW ALL CEILINGS TO BE CONSTRUCTED AT HEIGHTS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. COORDINATE THE LOCATION OF PIPING AND PROVIDE OFFSETS IN PIPING AS REQUIRED TO MEET THIS REQUIREMENT.
- M. THE CONTRACTOR SHALL PROVIDE DETAILED AND DIMENSIONED PIPING FABRICATION DRAWINGS FOR APPROVAL BY THE ARCHITECT/ENGINEER. ONE BLUE-LINE SET OF THE APPROVED DRAWINGS SHALL BE KEPT ON-SITE AT ALL TIMES AND ANY CHANGES REQUIRED IN THE FIELD SHALL BE MARKED ON THESE DRAWINGS. AT THE END OF THE PROJECT, ALL CHANGES SHALL BE TRANSFERRED TO A REPRODUCIBLE DRAWING TO BE GIVEN TO THE OWNER FOR "AS-BUILT" DRAWINGS. REPRODUCTIONS OF THIS DRAWING WILL NOT BE CONSIDERED AS PIPING FABRICATION DRAWINGS.
- N. ALL PLUMBING EQUIPMENT OR VALVES REQUIRING ACCESS THAT ARE LOCATED ABOVE GYP. BOARD OR OTHERWISE INACCESSIBLE CEILINGS SHALL BE PROVIDED WITH A CEILING ACCESS PANEL, SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF THESE ACCESS PANELS WITH THE GENERAL CONTRACTOR.
- O. LOCATE ISOLATION VALVES FOR EQUIPMENT AND FIXTURES AS CLOSE TO THE MAIN AS POSSIBLE. PROVIDE CEILING OR WALL ACCESS PANELS AS NEEDED.

- P. COORDINATE ALL WALL MOUNTED DEVICE LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- Q. ALL CONNECTIONS BETWEEN PIPES OF DISSIMILAR MATERIALS SHALL BE MADE WITH DIELECTRIC UNIONS.
- R. ALL PLUMBING PIPING SHALL BE IDENTIFIED AS DESCRIBED IN THE SPECIFICATIONS.
- S. ALL PLUMBING VALVES SHALL BE TAGGED AND NOTED ON THE "AS-BUILT" DRAWINGS.
- T. SLOPE AND ARRANGE WATER PIPING SYSTEMS TO ESTABLISH HIGH POINTS FOR AIR ELIMINATION AND LOW POINTS TO PERMIT PROPER DRAINING OF EACH SECTION.
- U. COORDINATE ALL PIPING PENETRATIONS THROUGH THE ROOF AND FLOOR WITH THE BUILDING'S STRUCTURE. REFER TO THE PLUMBING PENETRATION DETAILS, THE ARCHITECTURAL DRAWINGS AND THE PLUMBING SPECIFICATIONS FOR SLEEVING AND SUPPORT INFORMATION.
- V. PROVIDE CLEANOUTS AT THE BASE OF ALL STORM AND SANITARY STACKS AND IN INDIVIDUAL WASTE & VENT STACKS AS SHOWN ON THE RISERS.
- W. LOCATE VENTS THROUGH THE ROOF AT LEAST 25' AWAY FROM ALL FRESH AIR INTAKES OR BUILDING OPENINGS.
- X. LOCATE ALL WALL CLEANOUTS 18" ABOVE THE FINISHED FLOOR.
- Y. PROVIDE BACKFLOW PREVENTION DEVICES APPROVED BY THE AHJ FOR ALL ITEMS OF EQUIPMENT THAT ARE REQUIRED BY THE AHJ TO HAVE CROSS CONTAMINATION PROTECTION, WHETHER SHOWN ON THE DRAWINGS OR NOT.
- Z. PROVIDE A PVP AT THE DOMESTIC WATER SERVICE ENTRANCE TO LIMIT WATER SYSTEM PRESSURE TO THE BUILDING TO 80 PSI.
- AA. RUN ALL PIPING IN WALLS, CHASES AND ABOVE THE CEILING. PROVIDE CHROME PLATED PIPING WHERE EVER PIPING HAS TO BE EXPOSED.
- BB. PROVIDE DRIP PANS UNDER PLUMBING LINES WERE REQUIRED BY CODE AND/OR THE OWNER.
- CC. PROVIDE ACCESS TO ALL VALVES AND TRAP PRIMERS.

PLUMBING ABBREVIATIONS

ABV	ABOVE	GPM	GALLONS PER MINUTE
AFF	ABOVE FINISHED FLOOR	GW	GREASE WASTE
AFG	ABOVE FINISH GRADE	HB	HOSE BIBB
AP	ACCESS PANEL	HD	HUB DRAIN
AD	AREA DRAIN	HW	HOT WATER
BFF	BELOW FINISH FLOOR	HWR	HOT WATER RETURN
B/G	BELOW GRADE	I.E.	INVERT ELEVATION
BV	BALANCING VALVE	L	LAVATORY
CA	COMPRESSED AIR	MH	MANHOLE
CO	CLEAN OUT	MS	MOP SINK
CS	CLINICAL SERVICE SINK	NC	NORMALLY CLOSED VALVE
CW	COLD WATER	NO	NORMALLY OPEN VALVE
DD	DECK DRAIN	NPWH	NON-FREEZE WALL HYDRANT
DF	DRINKING FOUNTAIN	NPWH	NON-FREEZE WARD HYDRANT
DN	DOWN	OS&V	OUTSIDE STEM AND YOKE
DS	DOWNSPOUT	PD	PLANTER DRAIN
DSN	DOWNSPOUT NOZZLE	PRV	PRESSURE REDUCING VALVE
ESH	EMERGENCY SHOWER	TMV	THERMOSTATIC MIXING VALVE
EW	EYE WASH	T&P	TEMPERATURE AND PRESSURE VALVE
EWV	ELECTRIC WATER COOLER	TP	TRAP PRIMER
FCVA	FLOOR CONTROL VALVE ASSEMBLY	V	VENT PIPING
FCO	FLOOR CLEANOUT	VB	VACUUM BREAKER
FD	FLOOR DRAIN	VTR	VENT THROUGH ROOF
FS	FLOOR SINK	WB	WALL BOX
GC	GENERAL CONTRACTOR		
GCO	GRADE CLEANOUT		

PROJECT DESIGN CRITERIA

LOCATION:	LEE'S SUMMIT, MO
CITY/STATE:	
APPLICABLE CODES:	
BUILDING	2018 INTERNATIONAL BUILDING CODE
MECHANICAL	2018 INTERNATIONAL MECHANICAL CODE
PLUMBING	2018 INTERNATIONAL PLUMBING CODE
FIRE	2018 INTERNATIONAL FIRE CODE
ELECTRICAL	2017 INTERNATIONAL ELECTRICAL CODE



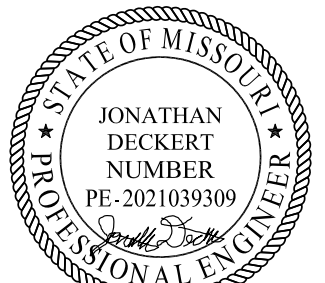
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Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



06/12/2025
WSP USA Buildings Inc. 2013001881

IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER, THEY ARE TO BE CONSIDERED "PRELIMINARY" AND ARE NOT TO BE USED FOR CONSTRUCTION OR RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSION OF CONSTRUCTION OF BUILDINGS BEING SIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

MODULAR INTERIM KITCHEN COMPLEX

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CENTER
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SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2
FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 05/23/25
SCALE: 1/8" = 1'-0"
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: 6406.24.0001

FLOOR PLAN - LEVEL 01 -
PLUMBING

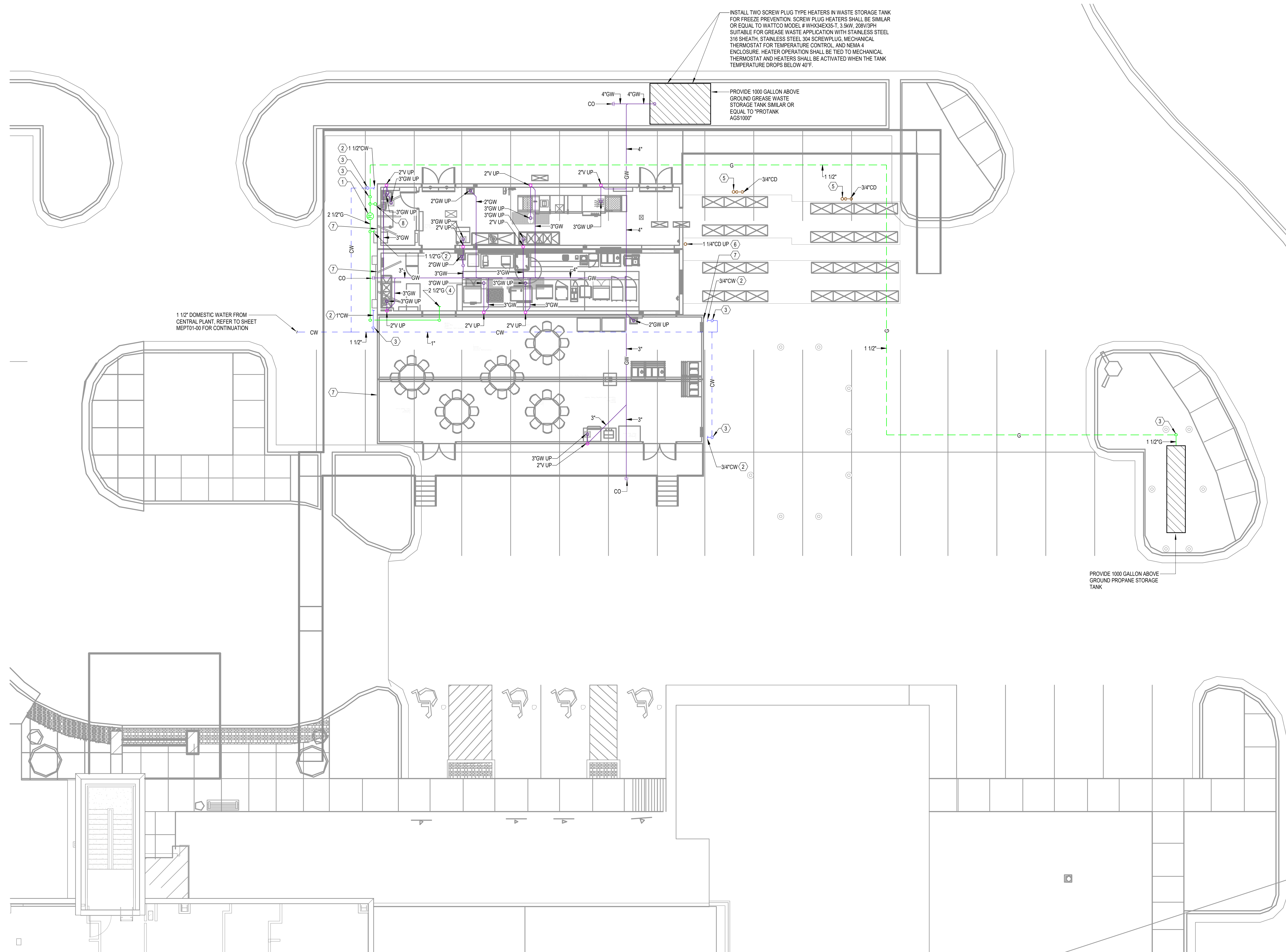
P02-01

GENERAL NOTES

- REFER TO P00-00 FOR PLUMBING NOTES AND SYMBOLS.
- ALL GREASE WASTE PIPING ROUTED ABOVE GRADE.
- INSULATE AND HEAT TRACE ALL EXPOSED P-TRAPS, GREASE WASTE PIPING ABOVE GRADE AND COLD WATER PIPING ABOVE GRADE.
- DASHED PIPING TO BE ROUTED BELOW GRADE.

LEGEND NOTES

- SET PRESSURE REGULATOR VALVE TO 14" W.G.
- CONNECT UTILITY PIPING TO VENDOR PROVIDED CONNECTION. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
- DROP UTILITY PIPING BELOW GRADE.
- CONNECT UTILITY PIPING TO VENDOR PROVIDED CONNECTION BELOW FLOOR OF TRAILER. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
- CONNECT CONDENSATE DRAIN PIPING TO VENDOR PROVIDED CONNECTION. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS. ROUTE CONDENSATE DRAIN DOWN AND DISCHARGE TO GRADE.
- CONDENSATE DRAIN FROM ROOFTOP MECHANICAL EQUIPMENT. ROUTE PIPE DOWN AND DISCHARGE TO GRADE. REFER TO MEPT02-02 FOR CONTINUATION.
- CONNECT UTILITY FIRE SPRINKLER PIPING TO VENDOR PROVIDED CONNECTION. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
- 1"G PIPING UP TO ROOF. REFER TO MEPT02-02 FOR CONTINUATION.



1 FLOOR PLAN - LEVEL 01 - PLUMBING
1/8" = 1'-0"

Autodesk Docx//6406.24 - HCA - Lee's Summit Medical Center (LSMC)_r123/MEP_LSMC TEMP KITCHEN_R03.rvt 6/12/2025 4:39:46 PM A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.



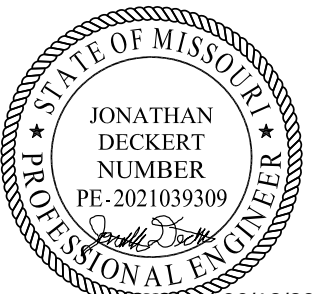
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AGENCY

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FLOOR PLAN - LEVEL 01 -
CENTRAL PLANT -
PLUMBING

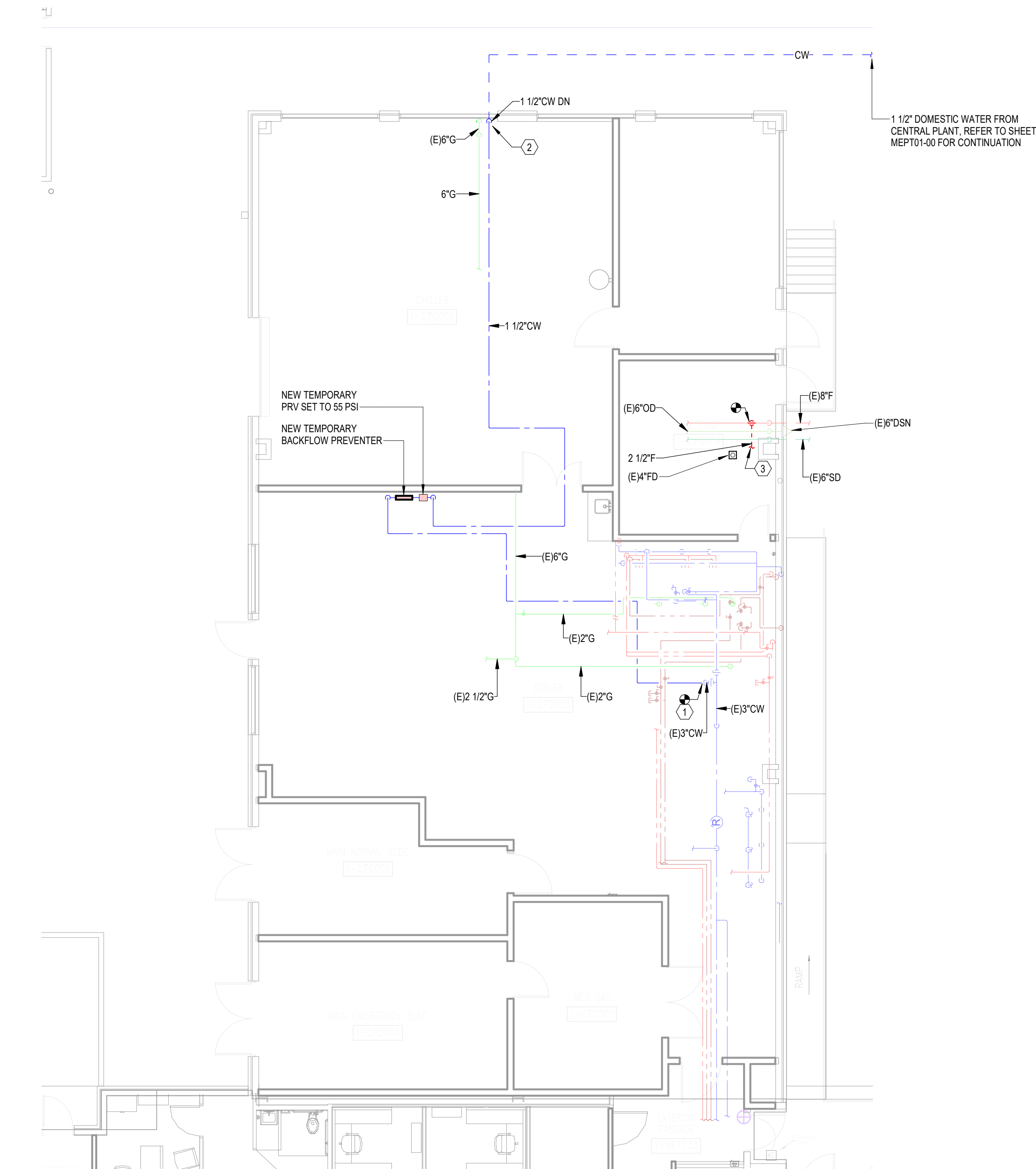
P02-01A

GENERAL NOTES

- REFER TO P00-00 FOR PLUMBING NOTES AND SYMBOLS.
- ALL GREASE WASTE PIPING ROUTED ABOVE GRADE.
- INSULATE AND HEAT TRACE ALL EXPOSED P-TRAPS, GREASE WASTE PIPING ABOVE GRADE AND COLD WATER PIPING ABOVE GRADE.
- DASHED PIPING TO BE ROUTED BELOW GRADE.

LEGEND NOTES

- CONNECT NEW DOMESTIC WATER LINE TO EXISTING VALVED CONNECTION IN CENTRAL PLANT.
- ROUTE DOMESTIC WATER LINE THROUGH EXISTING EXTERIOR LOUVER AND DOWN TO BELOW GRADE.
- 2-1/2" PIPING TO ANTIFREEZE FIRE PROTECTION SYSTEM SERVING KITCHEN TRAILERS. REFER TO 1P07-01 FOR MORE INFORMATION. CONTRACTOR TO COORDINATE CONNECTION BETWEEN ANTIFREEZE SYSTEM AND TRAILER FIRE PROTECTION SYSTEM. FINAL INSTALLATION SHALL COMPLY WITH 2016 NFPA 13.



1 FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - PLUMBING
1/8" = 1'-0"

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MISSOURI DHSS

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FACILITY NUMBER:
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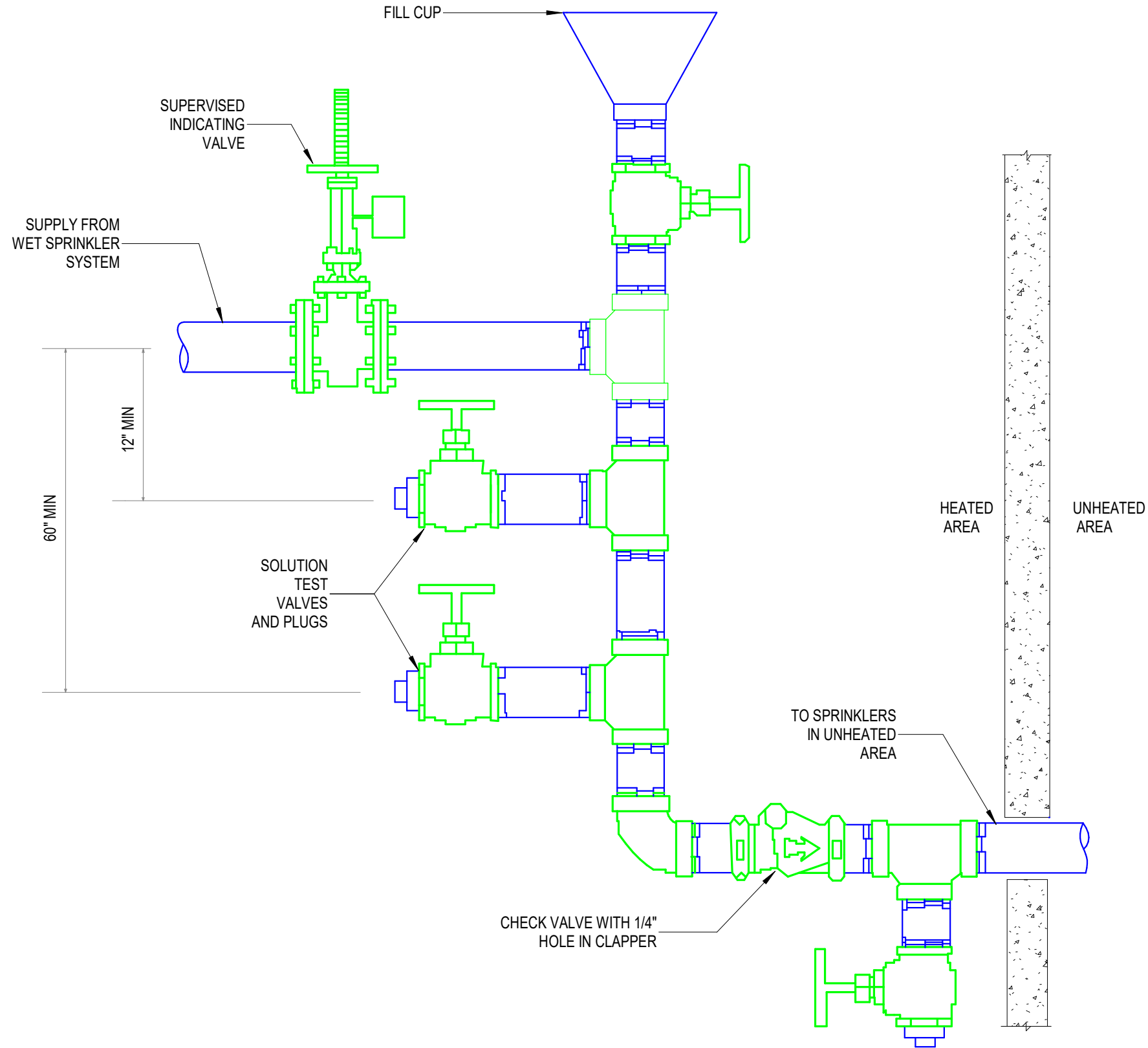
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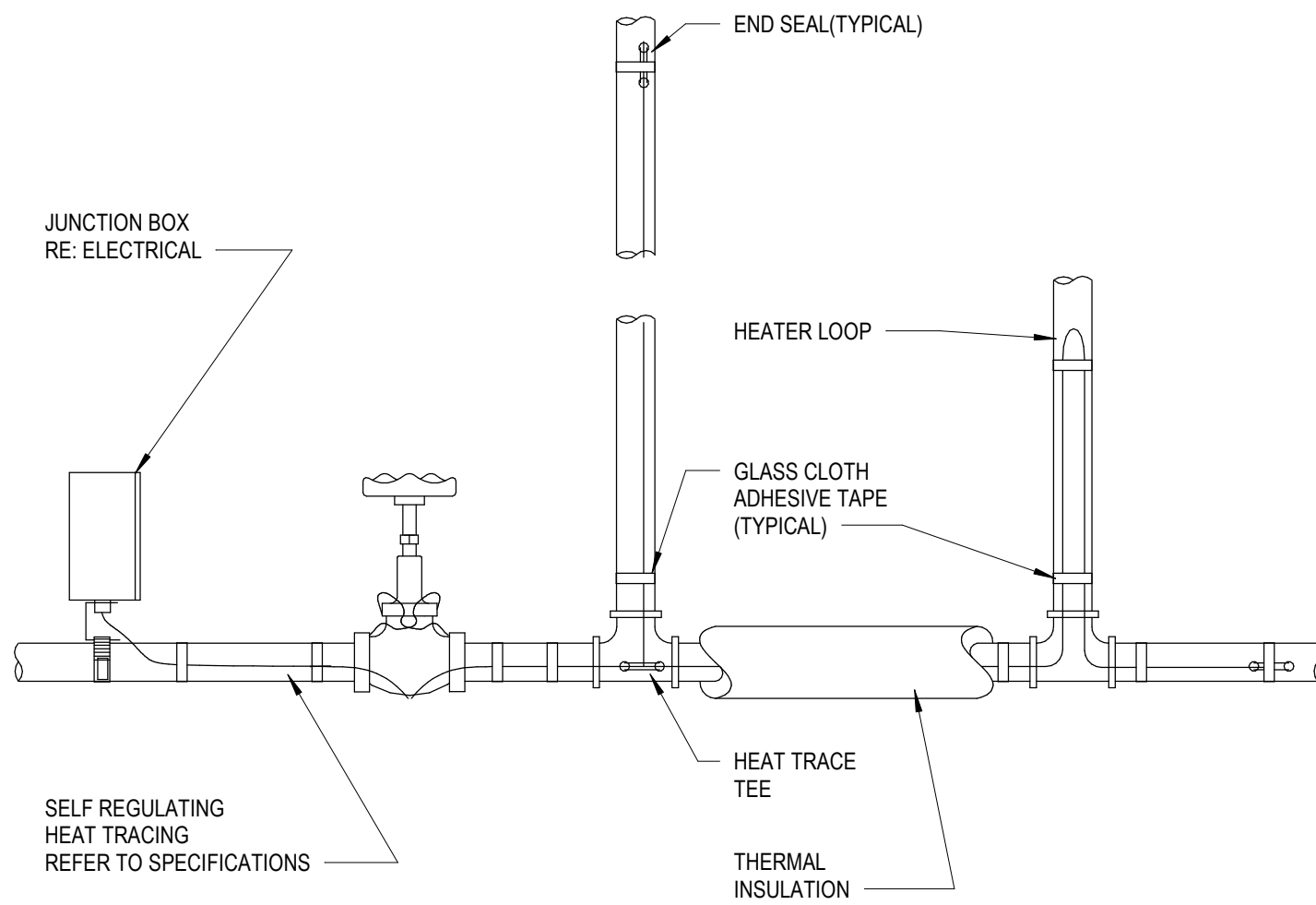
DATE: 05/23/25
SCALE: NOT TO SCALE
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: 6406.24.0001

DETAILS - PLUMBING

P07-01



1 ANTI-FREEZE SYSTEM
NOT TO SCALE



2 HEAT TRACE SYSTEM
NOT TO SCALE



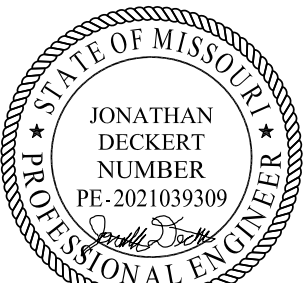
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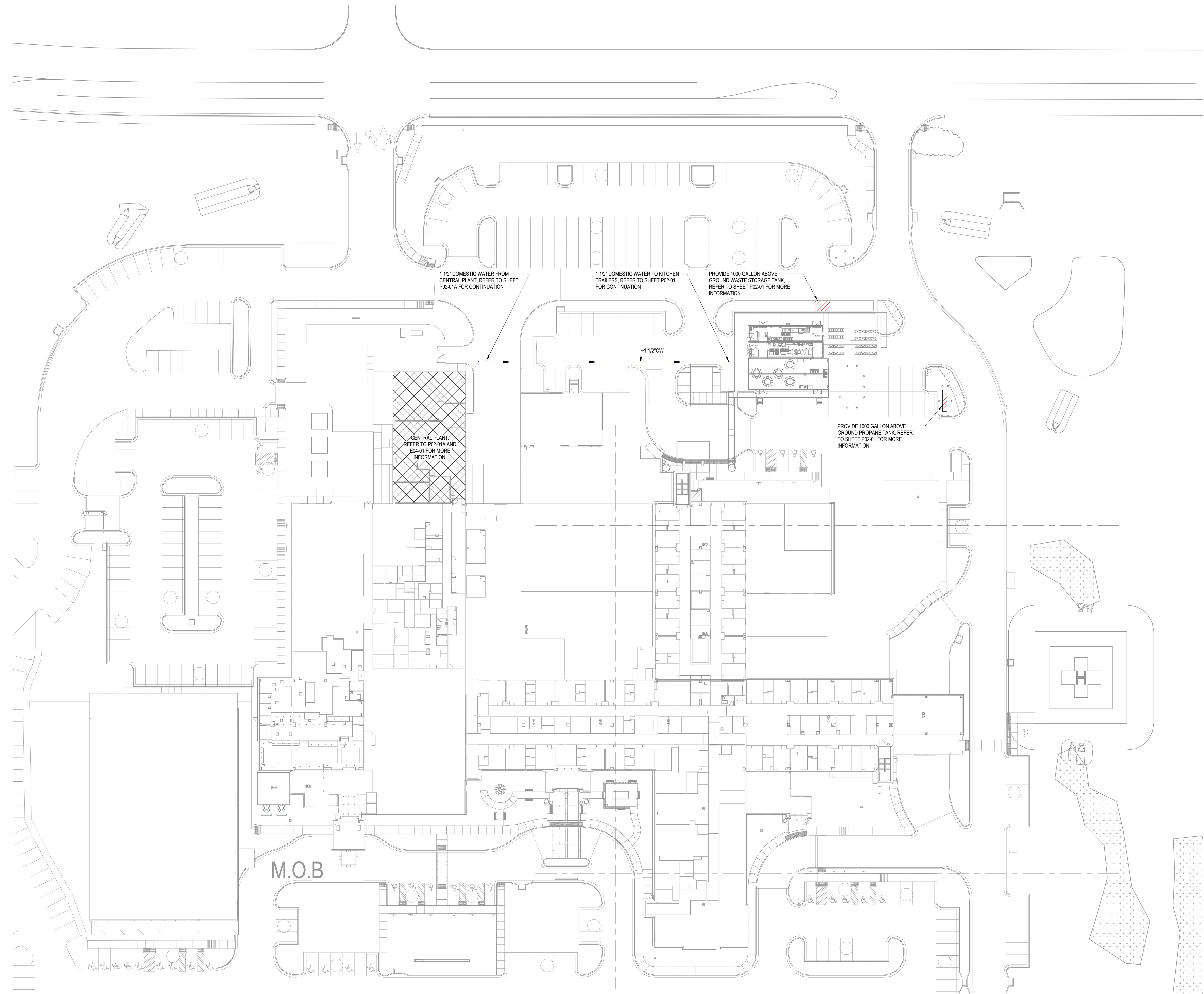
AGENCY APPROVALS:
AGENCY

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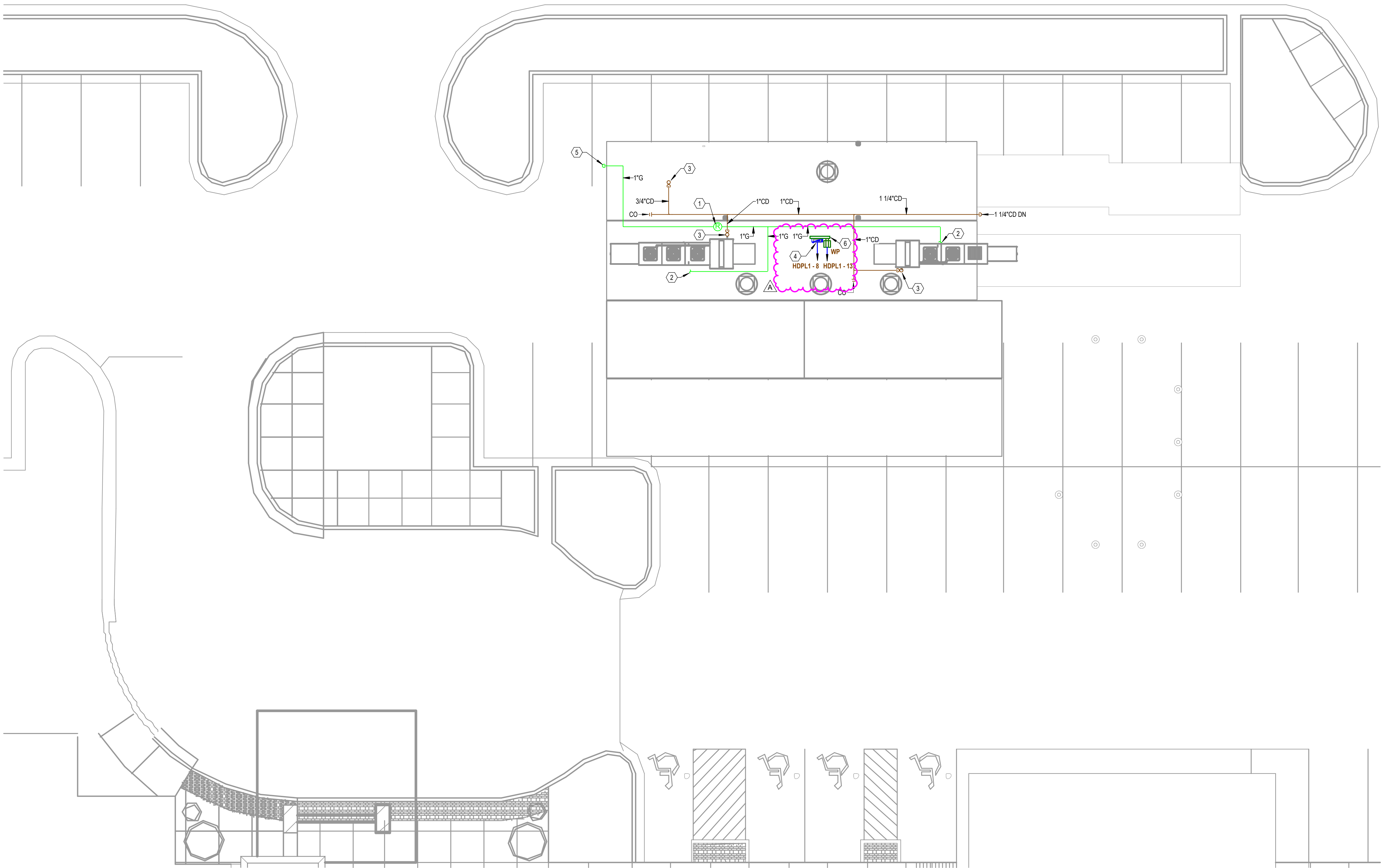
SITE PLAN - MEPT

MEPT01-00



1 FLOOR PLAN -ENLARGED SITE PLAN - PLUMBING
1/32" = 1'-0"

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1 ROOF PLAN - MEP
1/8" = 1'-0"

GENERAL NOTES

- A. REFER TO P100-00 FOR PLUMBING NOTES AND SYMBOLS.
- B. ALL GREASE WASTE PIPING ROUTED ABOVE GRADE.
- C. INSULATE AND HEAT TRACE ALL EXPOSED P-TRAPS, GREASE WASTE PIPING ABOVE GRADE AND COLD WATER PIPING ABOVE GRADE.
- D. DASHED PIPING TO BE ROUTED BELOW GRADE.
- E. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- F. REFER TO SHEET E08-SERIES FOR FEEDER SCHEDULES.
- G. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES.

LEGEND NOTES

- 1. SET PRESSURE REGULATOR VALVE TO 14" W.G.
- 2. CONNECT UTILITY PIPING TO VENDOR PROVIDED MAKE-UP AIR UNIT. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
- 3. CONNECT CONDENSATE DRAIN PIPING TO VENDOR PROVIDED EQUIPMENT. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
- 4. PROVIDE 208V/3PH POWER TO BRANCH PANEL FOR MU#1 AND MU#2 CONDENSING UNITS. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS PRIOR TO INSTALLATION. REFER TO E08-00 FOR ADDITIONAL INFORMATION.
- 5. PIPING DOWN - REFER TO P100-00 FOR CONTINUATION.
- 6. PROVIDE (2) POWER PEDESTALS EQUAL TO PP-80-S EACH WITH PP-80-S FOR INTEGRATION OF WATERPROOF MEMBRANE INTO ROOF MATERIAL. UNISTRUT TO BE MOUNTED BETWEEN POWER PEDESTALS FOR ELECTRICAL FIXTURES AND EQUIPMENT INDICATED.

RELEASED FOR CONSTRUCTION
As Noted on Plans Review

Devenney GROUP

Devenney Group Ltd., Architects

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Consultant:

STATE OF MISSOURI
JONATHAN DICKERT
NUMBER
PE-2021039300
06/30/2025
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SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHI PROJECT-CASE NUMBER
AHI PROJECT-CASE NUMBER 2
FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY 2ND REVIEW	2025/07/03

DATE: 05/23/25
SCALE: 1/8" = 1'-0"
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REVIEWED: WSP
JOB NUMBER: 6406.24.0001

ROOF PLAN - MEPT

MEPT02-02

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MISSOURI DHS5

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AGENCY

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REVIEWED: Checker
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GENERAL INFORMATION - ELECTRICAL

E00-00

A. SUPPLEMENTAL GENERAL CONDITIONS

- THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE, INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE, FUNCTIONING ELECTRICAL SYSTEM IN SAFE WORKING ORDER.
- SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT REGARDING THE MEANING OR INTENT OF THE SYMBOLS USED, AN INTERPRETATION SHALL BE OBTAINED FROM THE ARCHITECT IN WRITING. THE DECISION OF THE ARCHITECT SHALL BE FINAL.
- IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS CAREFULLY BEFORE SUBMITTING THEIR BID, WITH PARTICULAR ATTENTION TO ERRORS, OMISSIONS, CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION, CONFLICTS BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, AND AMBIGUOUS DEFINITION OF THE EXTENT OF COVERAGE BETWEEN CONTRACTS. ANY SUCH DISCREPANCY SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT FOR CORRECTION. SHOULD ANY OF THESE ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES EXIST, THE CONTRACTOR SHALL HAVE THEM EXPLAINED AND ADJUSTED IN WRITING BEFORE SIGNING THE CONTRACT OR PROCEEDING WITH THE WORK. OTHERWISE, THE CONTRACTOR SHALL, AT THEIR OWN EXPENSE, SUPPLY THE PROPER MATERIALS AND LABOR TO MAKE GOOD ANY DAMAGE OR DEFECTS IN THEIR WORK OR THE RESULTS OBTAINED THEREFROM, CAUSED BY SUCH DISCREPANCY.
- WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
- THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN SUCH DIMENSIONS WHERE NOT CLEAR OR IN ERROR ON THE DRAWINGS. ANY DEVICE OR FIXTURE ROUGHED IN IMPROPERLY AND NOT POSITIONED ON IMPLIED CENTER-LINES OR AS REQUIRED BY GOOD PRACTICE MUST BE REPOSITIONED AT NO COST TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR FILING AND PAYING ALL FEES AND OBTAINING NECESSARY PERMITS AND CERTIFICATES OF INSPECTION. THE CONTRACTOR SHALL DELIVER ALL CERTIFICATES OF INSPECTION TO OWNER/CONSTRUCTION MANAGER INCLUDING COPIES WITH MAINTENANCE MANUALS.
- ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA STANDARD 70 (NATIONAL ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS. UNLESS OTHERWISE INDICATED, ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS. THEY SHALL ALSO BE LISTED/LABELED BY A NATIONALLY RECOGNIZED LABORATORY IN ACCORDANCE WITH NFPA 70. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS.
- PROVIDE SHOP DRAWINGS FOR ENGINEERS REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.

B. ELECTRICAL EQUIPMENT

- PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT. APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, DEVICES AND APPURTENANCES (ALL SYSTEMS) INSTALLED OUTDOORS.
- COORDINATE AND SCHEDULE ALL POWER OUTAGES WITH OWNER. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
- DO NOT USE PERMANENT INK WHEN MAKING FIELD MARKINGS OR TEMPORARY CIRCUIT LABELS ON PANELS. CONTRACTOR SHALL USE REMOVABLE TAPE/TAGS FOR ALL TEMPORARY MARKINGS AND SHALL REMOVE THESE TEMPORARY MARKINGS AT THE CONCLUSION OF THIS PROJECT.

C. SITE WORK

- COORDINATE WITH THE SITE WORK FOR THE LOCATION, DIMENSIONS AND ELEVATION OF ALL DUCTBANKS/SERVICE CONDUITS EXTERNAL TO THE BUILDING PRIOR TO INSTALLATION OF ALL DUCTBANKS/SERVICE CONDUITS INTERNAL TO THE BUILDING.
- COORDINATE ALL ELECTRICAL UTILITY SERVICE REQUIREMENTS WITH UTILITIES REPRESENTATIVE PRIOR TO COMMENCING ANY ELECTRICAL SITE WORK. CONTRACTOR SHALL SCHEDULE ALL NECESSARY MEETINGS BETWEEN UTILITY COMPANIES, CONSTRUCTION FOREMAN, ELECTRICAL SUBCONTRACTORS, AND VARIOUS SUBCONTRACTORS RESPONSIBLE FOR SITE CONSTRUCTION PRIOR TO ELECTRICAL ROUGH-IN.

D. CONDUIT & RACEWAY

- ALL WORK SHALL BE COORDINATED SO THAT INTERFERENCES ARE AVOIDED. PROVIDE ALL NECESSARY OFFSETS IN CONDUITS, RACEWAYS, ETC., REQUIRED TO PROPERLY INSTALL THE WORK. EXPOSED WORK MUST BE KEPT AS CLOSE AS POSSIBLE TO WALLS, CEILINGS, ETC., SO AS TO TAKE UP MINIMUM AMOUNT OF SPACE. ALL OFFSETS, FITTINGS, ETC., REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OTHER TRADES.
- CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER NFPA 70 AND FOR COORDINATION WITH OTHER DISCIPLINES.
- PENETRATIONS OF WALLS, FLOORS, AND ROOFS FOR THE PASSAGE OF ELECTRICAL RACEWAYS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK. ALL SUCH PENETRATIONS SHALL BE PROPERLY SEALED OFF AFTER INSTALLATION OF RACEWAY SO AS TO MAINTAIN THE STRUCTURAL, WATER PROOF, AND FIRE PROOF INTEGRITY OF THE WALL, FLOOR, OR ROOF SYSTEM PENETRATED.
- SEAL ALL CONDUITS THAT PENETRATE THE BASEMENT FLOOR SLAB TO MAKE THEM WATER TIGHT. THE CONDUITS SHALL BE DRIED PRIOR TO INSTALLATION OF WIRE/CABLE AND SHALL BE SEALED AT TERMINATIONS.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SEALED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALLS.
- ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.

E. BRANCH CIRCUITS AND FEEDERS

- CIRCUITING IS SHOWN DIAGRAMMATICALLY. HOMERUNS SHALL BE COMBINED WHERE POSSIBLE IN ACCORDING TO NFPA 70.
- UNLESS OTHERWISE INDICATED, ALL CIRCUITS 100' OR LESS SHALL BE MINIMUM #12 AWG WIRE SIZE. CIRCUITS OVER 100' BUT LESS THAN 200' SHALL BE MINIMUM #10 AWG WIRE SIZE. CIRCUITS OVER 200' BUT LESS THAN 300' SHALL BE MINIMUM #8 AWG WIRE SIZE.
- UNLESS OTHERWISE INDICATED, ALL CONDUCTORS SHALL BE COPPER, 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET.
- UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES #12 AWG AND #10 AWG SHALL BE SOLID. CONDUCTOR SIZES #8 AWG AND LARGER MAY BE STRANDED.
- A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH THE CIRCUIT CONDUCTORS FOR GROUNDING WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR A CABLE ARMOR OR SHEATH SHALL NOT BE USED AS THE ONLY EQUIPMENT GROUNDING CONDUCTOR.
- HOMERUN CIRCUITS FOR ISOLATED GROUND RECEPTACLES SHALL BE SEPARATED FROM OTHER CIRCUITS. EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL CONDUCTOR AND EACH HOMERUN SHALL CONTAIN AN ISOLATED AND EQUIPMENT GROUND CONDUCTOR.

F. WIRING DEVICES

- REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION AND MOUNTING HEIGHT OF ALL WALL AND FLOOR MOUNTED ELEMENTS (OUTLETS, LIGHT SWITCHES, CONTROLLERS, POKE-THRU, ETC.) ALL WALL/FLOOR MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL WALL/FLOOR TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
- COORDINATE THE LOCATION AND INSTALLATION DETAIL OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS (WALL ELEVATIONS, MILLWORK DETAILS, ETC.) AND WITH MILLWORK MANUFACTURER PRIOR TO ELECTRICAL ROUGH-IN.
- WALL AND FLOOR MOUNTED POWER RECEPTACLES SHOWN NEAR DATA OUTLETS SHALL BE LOCATED WITHIN SIX (6) INCHES OF THE DATA OUTLET. LOCATE AT SAME MOUNTING HEIGHT UNLESS NOTED OTHERWISE.
- VERIFY THE EXACT POWER CONNECTION TYPE AND NEMA CONFIGURATION OF RECEPTACLES FOR EQUIPMENT FURNISHED BY THE OWNER, OTHER TRADES, OR UNDER A SEPARATE SECTION OF THIS CONTRACT PRIOR TO ELECTRICAL ROUGH-IN.
- ALL RECEPTACLES LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE HOUSED IN ENCLOSURES THAT ARE RATED WEATHER-PROOF-WHILE-IN-USE AND SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION.
- ALL GFCI RECEPTACLES SHALL BE CONNECTED SO THAT ALL DEVICES ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE UPON TRIPPING. ALL GFCI RECEPTACLES SHALL INCLUDE A LOCK-OUT FUNCTION TO PROTECT AGAINST THE USE OF MISWIRED DEVICES OR DEVICES THAT HAVE BEEN DAMAGED DUE TO DISABLING SURGES.

G. MECHANICAL & PLUMBING COORDINATION

- REFERENCE THE MECHANICAL AND PLUMBING DRAWINGS FOR ALL EQUIPMENT NEEDING ELECTRICAL CONNECTIONS. MAKE ALL CONNECTIONS AND PROVIDE APPROPRIATE WIRE, CONDUIT, AND OVERCURRENT PROTECTION FOR ALL EQUIPMENT.
- VERIFY EXACT LOCATION OF ALL POWER CONNECTIONS AND CONTROL DEVICES WITH OTHER TRADES AND MANUFACTURERS SHOP DRAWINGS BEFORE CONSTRUCTION. COORDINATE ALL REQUIRED ENERGY MANAGEMENT SYSTEM POINTS AND CONTACT CONNECTIONS TO ENSURE THE COMPLETE AND PROPER OPERATION OF ALL SYSTEMS.
- ALL FUSED SWITCH AND/OR CIRCUIT BREAKERS SERVING EQUIPMENT SHALL HAVE PROVISIONS FOR HANDLE LOOKS.
- ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BEAR AN HACR RATING.
- ALL DISCONNECTS DOWN STREAM OF VFDs SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN UPSTREAM VFD WHEN SWITCH IS OPENED.
- COORDINATE BETWEEN TRADES AND PROVIDE CONTROL POWER FOR ALL VAV BOXES/DAMPERS/ETC. AS REQUIRED TO ENSURE A COMPLETE, FULLY FUNCTIONAL HVAC SYSTEM. SHOULD AN EXACT CIRCUIT NUMBER NOT BE INDICATED ON ELECTRICAL DRAWINGS, CONTRACTOR SHALL UTILIZE AVAILABLE 20A/1P SPACE FROM THE NEAREST 208V/120V PANEL OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.

H. SPECIAL SYSTEMS (i.e. DATA/PHONE/SECURITY/CATV)

- CONTRACTOR SHALL PROVIDE AND INSTALL AN EMPTY CONDUIT RACEWAY SYSTEM FOR SPECIAL SYSTEM. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN VENDOR SHOP DRAWINGS FROM THE VENDOR/INSTALL PRIOR TO ELECTRICAL ROUGH-IN. CONTRACTOR SHALL COORDINATE, PROVIDE AND INSTALL ALL REQUIRED RACEWAYS AND DEVICE BACK BOXES AS REQUIRED BY VENDOR SHOP DRAWINGS. CONTRACTOR TO PROVIDE A LINE ITEM ALLOWANCE IN BID AS NECESSARY TO COVER THIS SCOPE. REFER TO T SERIES AND A-Y SERIES DRAWINGS FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTATIONS AND MOUNTING HEIGHTS

NOTE 1: ALL MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE, UNLESS OTHERWISE INDICATED.

- A) 48" AFF INDICATES TO TOP OF DEVICE;
B) 15" AFF INDICATES TO BOTTOM OF DEVICE;
C) 80" AFF INDICATES TO BOTTOM OF DEVICE;
D) 80" AFF INDICATES TO BOTTOM OF DEVICE;

NOTE 2: CONFIRM ALL BACKBOX SIZE WITH VENDOR SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN.

- LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2"

- EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

- DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E7.01

- DENOTES: REFERENCE ENLARGED DETAIL PLAN 02 ON DRAWING (SHEET) E5.01

- EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNERS EQUIPMENT BOOK / FFE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

PROJECT DESIGN CRITERIA

LOCATION:	LEE'S SUMMIT, MO
CITY/STATE:	
APPLICABLE CODES:	
BUILDING	2018 INTERNATIONAL BUILDING CODE
MECHANICAL	2018 INTERNATIONAL MECHANICAL CODE
PLUMBING	2018 INTERNATIONAL PLUMBING CODE
FIRE	2018 INTERNATIONAL FIRE CODE
ELECTRICAL	2017 NATIONAL ELECTRICAL CODE
LATITUDE:	38.9108° DEGREES NORTH
ELEVATION: FT. ABOVE SEA LEVEL	738 FT

ELECTRICAL ABBREVIATIONS

AFC	ABOVE FINISHED COUNTER	MH	MAN HOLE
AFF	ABOVE FINISHED FLOOR	MLO	MAN LUGS ONLY
AHJ	AUTHORITY HAVING JURISDICTION	MO	MOUNT OR MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	MW	MICROWAVE
BFC	BELOW FINISHED CEILING	N	NEW DEVICE
BOF	BOTTOM OF FIXTURE	NC (N.C.)	NORMALLY CLOSED
C	CONDUIT	NEC	NATIONAL ELECTRIC CODE
CB	CIRCUIT BREAKER	NF	NONFUSED
CB/CKB OR CKT	CIRCUIT	NIC	NOT IN CONTRACT
CCTV	CLOSED CIRCUIT T.V.	NL	NIGHT LIGHT
CLG	CEILING	NO (N.O.)	NORMALLY OPEN
CR	CRITICAL (EMERGENCY SYSTEM)	PLGMOLD	PULL MOLD
CJH	CABINET HEATER	PNL	PANEL
EC	EMPTY CONDUIT	PWR	POWER
ELEC	ELECTRIC	R	RELOCATED DEVICE
E	EMERGENCY	RCPT(S) OR RCPT	RECEPTACLE(S)
EMS	ENERGY MANAGEMENT SYSTEM	REF	REFRIGERATOR
EP	EXPLOSION PROOF	RF	RETURN AIR FAN
EW	ELECTRIC WATER COOLER	SEF	SMOKE EXHAUST FAN
EX	EXISTING	SF	SUPPLY AIR FAN
F	FUSE	SO (S.O.)	SPACE ONLY
FA	FIRE ALARM	SP	SPARE
FACP, FAP	FIRE ALARM CONTROL PANEL	ST (S.T.)	SHUNT TRIP
FCU	FAN COIL UNIT	SW	SWITCH
FLR	FLOOR	TEL	TELEPHONE
FLR	FLOOR	TF	TRANSFER FAN
FLU	FLUORESCENT	TP	TAMPER PROOF
FTF, FTU	FAN TERMINAL UNIT	TV	TELEVISION
FUT	FUTURE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
G, GND	GROUND (EQUIPMENT)	UF	UNDERGROUND
GE	GENERAL EXHAUST FAN	UG	UNDERGROUND
GEN	GENERATOR	UH	UNIT HEATER
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER	UNO (U.N.O.)	UNLESS NOTED OR INDICATED OTHERWISE
HVAT	HIGH VOLTAGE	V	VOLTAGE
HVAT	HEAT TRACE	VFD	VARIABLE FREQUENCY DRIVE
IC	INTERLUPTING CAPACITY	VV	VAPOR PROOF
ICAND	INCANDESCENT	VP	VARIABLE VOLUME UNIT
IG	ISOLATED GROUND	W	WIRE
JB	JUNCTION BOX	WG	WITH
KEF	KITCHEN EXHAUST FAN	WP	WEATHER GUARD
LTO	LIGHTING	WP	WEATHER PROOF
LTS	LIGHTS	WT	WATER TIGHT
LV	LOW VOLTAGE	XFMR	TRANSFORMER MOUNTING
MATV	MASTER ANTENNA	X	HEIGHT IN INCHES, AFF UNO
MCB	MAIN CIRCUIT BREAKER	UCR	UNCER CABINET REFRIGERATOR
MCC	MOTOR CONTROL CENTER		
MDP	MAIN DISTRIBUTION PANEL		

ONE-LINE DIAGRAM & RISER SYMBOLS LEGEND

	AUTOMATIC / MANUAL TRANSFER SWITCH - PROGRAMMED OR DELAYED TRANSITION		AUTOMATIC / MANUAL TRANSFER SWITCH - BYPASS ISOLATION
	DISCONNECT		FEEDER TAG. REFER TO FEEDER SCHEDULE FOR NUMBER AND SIZE OF CONDUCTORS AND CONDUIT. A- ALUMINUM C-COPPER
	MOTOR		GROUNDING ELECTRODE
	BRANCH PANEL		TRANSFORMER
	BOLT ON CIRCUIT BREAKER		DRAW OUT CIRCUIT BREAKER
	AT = TRIP RATING		AT = TRIP RATING AF = FRAME SIZE
	LSIG ELECTRONIC TRIP FUNCTIONS L = LONG TIME SETTING S = SHORT TIME SETTING I = INSTANTANEOUS SETTING G = GROUND FAULT SETTING A = INDICATION GROUND FAULT (GROUND FAULT ALARM ONLY)		

POWER SYMBOLS LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO
	DUPLEX RECEPTACLE (GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A WEATHERPROOF-WHILE-IN-USE ENCLOSURE, 20A/120V/2P/3W/1 NEMA 5-20R)	15" AFF
	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED
	DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	AS REQUIRED
	DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	AS REQUIRED
	CIRCUIT HOMERUN TO PANELBOARD (#12, #11/25, 3/4" 20A/1P CB UNO)	--
	208Y/120V PANELBOARD	--
	208Y/120V DISTRIBUTION PANELBOARD	--
	TRANSFER SWITCH	--

LIGHTING SYMBOLS LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO (SEE NOTE 1)
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
LIGHTING NOTES: 1. REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION. 2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS. IT IS THE INTENT, UNLESS NOTED OTHERWISE, THAT SURFACE AND RECESSED FIXTURES ARE TO BE MOUNTED AT ARCHITECTS CEILING PLANE.		

LIGHTING CONTROLS SYMBOLS LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	
	# IN DIAMOND REFER TO LIGHTING CONTROLS REQUIREMENTS AND SEQUENCE OF OPERATIONS SCHEDULE.	
	1 ZONE, 1 BUTTON MANUAL CONTROL DEVICE	SEE NOTE 1 SEE NOTE 2
	WALL SWITCH SPST, 20A, 120/277V	SEE NOTE 2
	3-WAY WALL SWITCH, 20A, 120/277V	SEE NOTE 1 SEE NOTE 2
LIGHTING NOTES: 1. PROVIDE SINGLE POLE OR 3-WAY SWITCHING FOR DEVICE AS NEEDED. 2. REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT IS NOT INDICATED BY ARCHITECT, PROVIDE AT 48" AFF.		

FIRE ALARM SYMBOLS LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO
	FIRE ALARM PULL STATION WALL MOUNTED	48" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X=HORN, S=SPEAKER)	--
	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X=HORN, S=SPEAKER)	--
	FIRE ALARM VISUAL SIGNAL CEILING MOUNTED	--
	FIRE ALARM SPRINKLER FLOW SWITCH	--
	FIRE ALARM SPRINKLER TAMPER SWITCH	--
	FIRE ALARM SPRINKLER PRESSURE SWITCH	--
	FIRE ALARM CONTROL PANEL	AS REQUIRED
	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED
	FIRE PUMP ANNUNCIATOR PANEL	AS REQUIRED
	MONITOR MODULE	AS REQUIRED
	NOTIFICATION APPLIANCE CIRCUIT FOUR CIRCUIT FIRE ALARM INDICATING CIRCUIT POWER EXTENDER	AS REQUIRED

FIRE ALARM SYSTEM

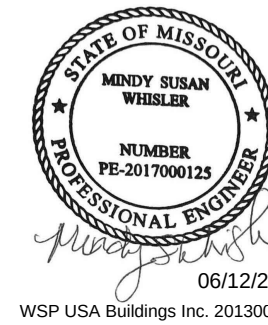
FIRE ALARM SYSTEMS IS A DELGATED DESIGN. THESE DRAWINGS ARE INTENDED TO SHOW GENERAL GUIDELINES FOR THE PLACEMENT OF FIRE ALARM DEVICES AS THEY RELATE TO OTHER (NON-FIRE ALARM) SYSTEMS AND FOR PERMITTING PURPOSES. THE FINAL FIRE ALARM PLANS TO BE SUBMITTED FOR AHJ APPROVAL SHALL BE PRODUCED AND SEALED BY A NICET LEVEL III CERTIFIED DESIGNER. REFER TO THE SPECIFICATIONS (PROJECT MANUAL) FOR FURTHER REQUIREMENTS. THE DESIGNER SHALL PROVIDE ALL DEVICES SHOWN ON THESE DRAWINGS AND ANY ADDITIONAL DEVICES OR COMPONENTS REQUIRED FOR A COMPLETE SYSTEM. IF OTHER DEVICES ARE ANTICIPATED TO BE REQUIRED FOR SYSTEM FUNCTIONALITY, COMPLIANCE WITH NATIONAL AND LOCAL CODES OR APPROVAL OF THE AHJ, THE CONTRACTOR SHALL QUALIFY THEIR BID AND SHALL PROVIDE AN ADD ALTERNATE PRICE MAKING NOTE OF THE SPECIFIC ANTICIPATED ADDITIONAL REQUIREMENTS.

BUILDING CODE: 2018 IBC
FIRE CODE: 2018 IFC
ELECTRICAL CODE: 2017 NFPA 70 (NEC)
BUILDING CONSTRUCTION TYPE: TYPE 1A - FULLY SPRINKLERED
OCCUPANCY: TYPE A-II



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CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2
FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 05/23/25
SCALE: 1/8" = 1'-0"
DRAWN: Author
REVIEWED: Checker
JOB NUMBER: 6406.24.0001

FLOOR PLAN - LEVEL 01 -
POWER

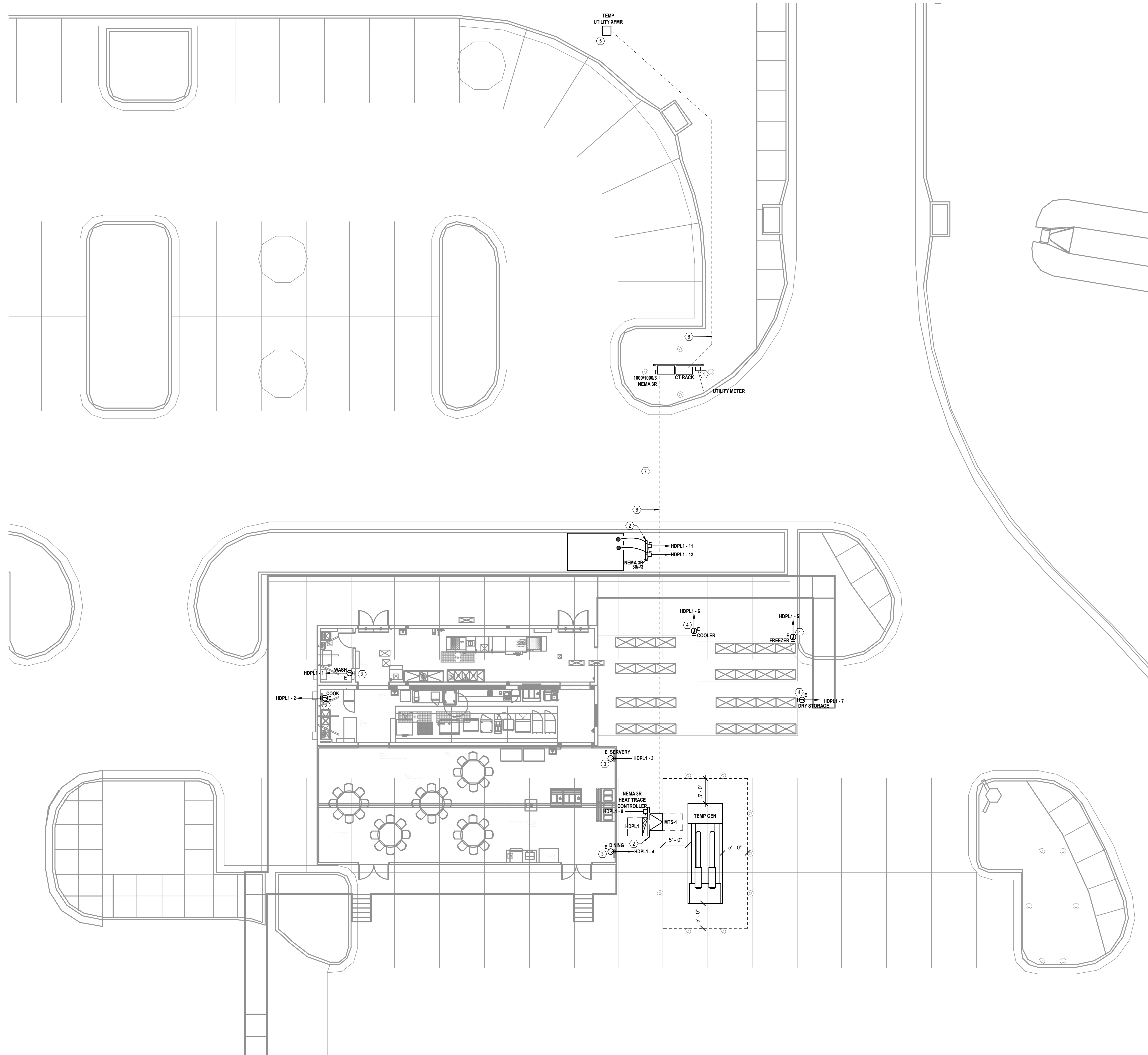
E02-01

GENERAL NOTES

- REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
- REFER TO SHEET E08 SERIES FOR FEEDER SCHEDULES
- REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES

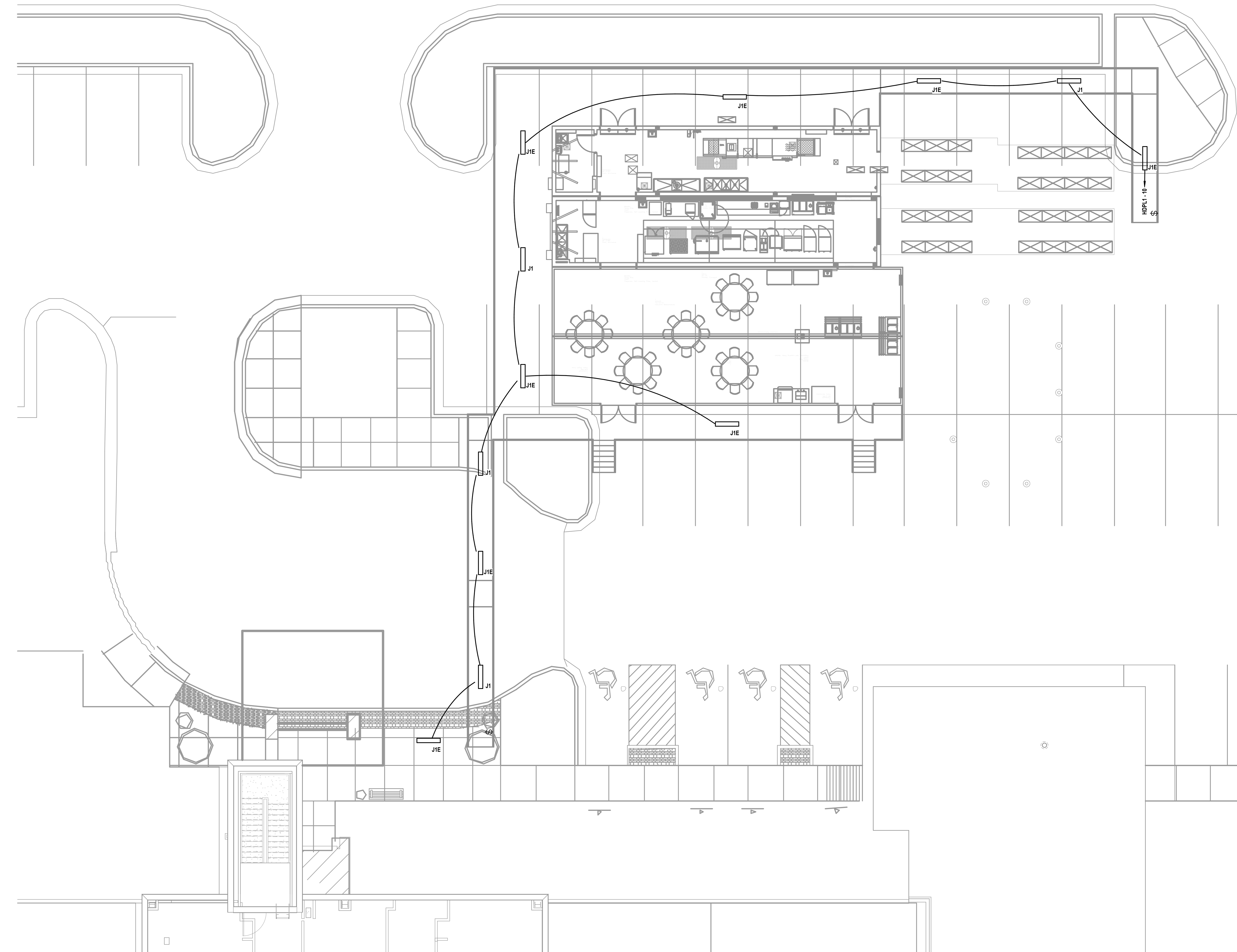
LEGEND NOTES

- COORDINATE METER LOCATION AND REQUIREMENTS WITH UTILITY COMPANY PRIOR TO INSTALLATION. REFER TO E07-01 FOR MORE INFORMATION.
- PROVIDE (2) POWER PEDESTALS EQUAL TO PP-60-S EACH UNISTRUT TO BE MOUNTED BETWEEN POWER PEDESTALS FOR ELECTRICAL FIXTURES AND EQUIPMENT INDICATED.
- PROVIDE 208V/3PH POWER TO VENDOR PROVIDED KITCHEN UNIT. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH VENDOR DRAWINGS PRIOR TO INSTALLATION. REFER TO E06-00 FOR ADDITIONAL INFORMATION.
- PROVIDE 208V/1PH POWER TO VENDOR PROVIDED KITCHEN UNIT. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH VENDOR DRAWINGS PRIOR TO INSTALLATION. REFER TO E06-00 FOR ADDITIONAL INFORMATION.
- COORDINATE TEMPORARY POLE MOUNTED UTILITY TRANSFORMER REQUIREMENTS AND LOCATION WITH UTILITY COMPANY.
- ROUTE CONDUIT UNDERGROUND FROM TEMP UTILITY TRANSFORMER TO CT RACK, TRENCH EXISTING PARKING LOT TO INSTALL NEW CONDUIT TO TEMPORARY DISTRIBUTION PANELBOARD HDPL1. REFER TO DETAIL 01E07-01.
- CONTRACTOR TO COORDINATE PHASING OF FIRE LANE DURING CONSTRUCTION.



1 FLOOR PLAN - LEVEL 01 - POWER
1/8" = 1'-0"

Autodesk Docx/6406.24 - HCA - Lee's Summit Medical Center (LSMC)_ry23/MEP - LMC TEMP KITCHEN_R23.rvt 6/12/2025 4:11:01 PM Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternate schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.



1 FLOOR PLAN - LEVEL 01 - LIGHTING
1/8" = 1'-0"

GENERAL NOTES

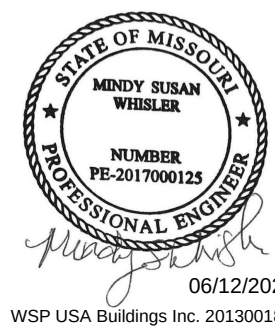
- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF ALL WIRING DEVICES
- B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
- C. REFER TO SHEET E01-01 FOR LIGHT FIXTURE SCHEDULE
- D. CONTRACTORS SHALL USE FMC TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
07/29/2025



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FLOOR PLAN - LEVEL 01 -
LIGHTING

E03-01

Autodesk Docx/6406.24 - HCA - Lee's Summit Medical Center (LSMC) - E03-01 - LIGHTING - R03.rvt 6/12/2025 4:11:02 PM Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.



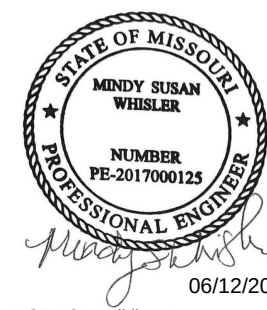
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FLOOR PLAN - LEVEL 01 -
SPECIAL SYSTEMS

E04-01

GENERAL NOTES

- REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- DO NOT SCALE DEVICE LOCATIONS FROM THESE DRAWINGS. REFER TO AND COORDINATE WITH THE ARCHITECTURAL DOCUMENTS. SPECIFICALLY, REFER TO ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR SPECIALTY.
- DELEGATED DESIGN OF FIRE ALARM: REFER TO DIVISION 28 SPECIFICATION SECTION FOR ADDITIONAL SYSTEM REQUIREMENTS. FIRE ALARM INITIATING DEVICES, NOTIFICATION APPLIANCES, CONTROL PANELS, ANNUNCIATOR PANELS, AND OTHER PERIPHERAL DEVICES SHOWN ON THESE DOCUMENTS DO NOT CONSTITUTE THE TOTAL QUANTITY OR TYPE OF DEVICES REQUIRED FOR THE WORK. THE DEVICES AND EQUIPMENT INDICATED ON THESE DOCUMENTS IS SHOWN FOR THE PURPOSE OF COORDINATION ONLY. THESE DRAWINGS AND THE ACCOMPANYING SPECIFICATIONS DEFINE THE SCOPE AND INTENT OF THE FIRE ALARM SYSTEM TO BE PROVIDED IN THE WORK. IN ADDITION TO THE SYSTEM AS SHOWN HEREIN AND SPECIFIED IN THE PROJECT MANUAL, THE LICENSED FIRE ALARM CONTRACTOR SHALL PROVIDE ALL PLANNING, DESIGN, CALCULATIONS, EQUIPMENT, DEVICES, RACEWAYS, BOXES, CABLING, SYSTEM PROGRAMMING AND ANY OTHER COMPONENT OR SERVICE REQUIRED FOR A COMPLETE, FULLY OPERATIONAL SYSTEM THAT MEETS ALL SPECIFIED REQUIREMENTS AND LOCAL CODES.
- PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED TO MONITOR KITCHEN HOOD SUPPRESSION SYSTEM(S).

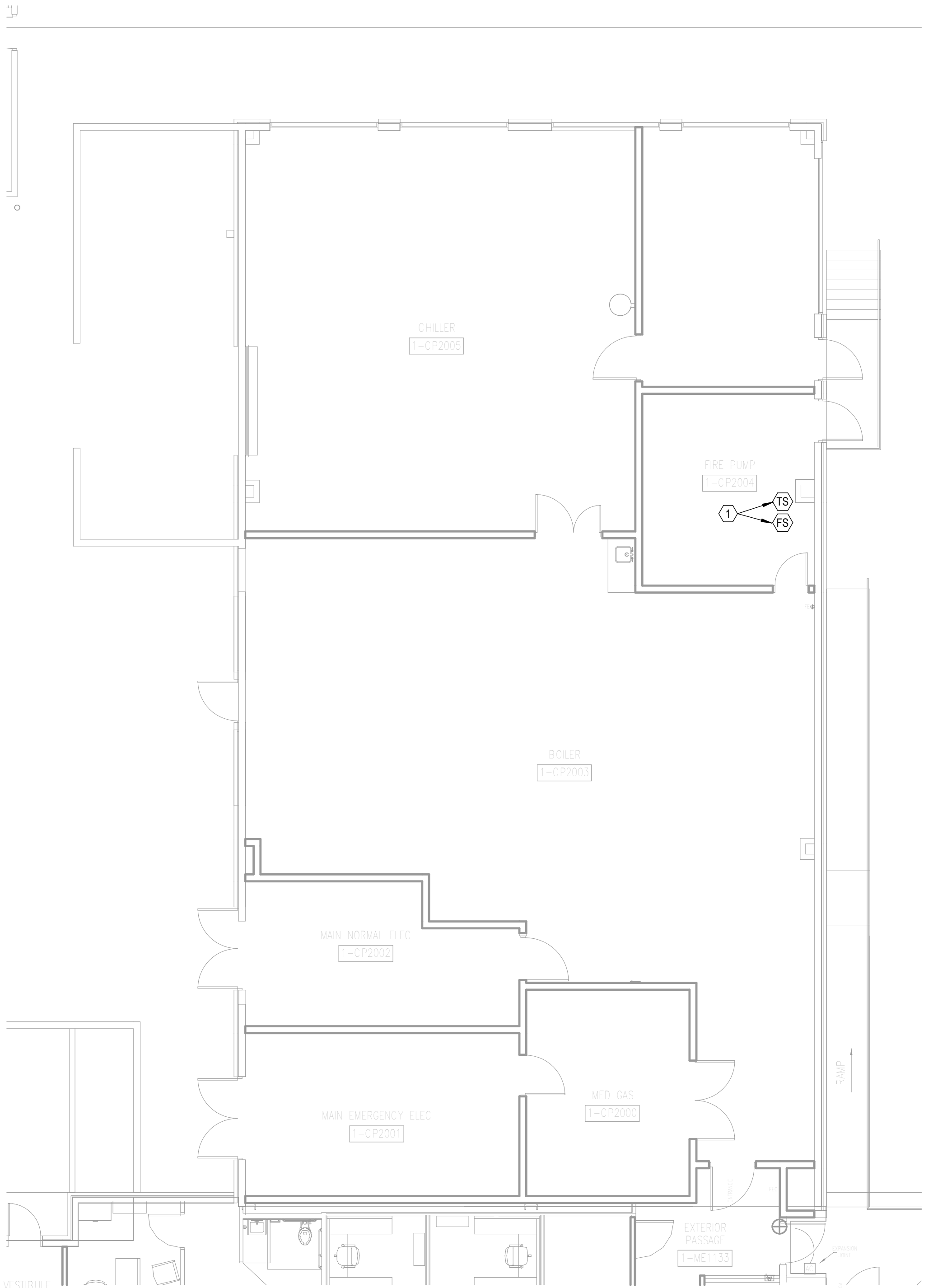
LEGEND NOTES

- CONNECT MOBILE KITCHEN FIRE SPRINKLER MONITORING DEVICES TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEMS.
- PROVIDE EQUIPMENT AND CONNECTIONS TO MONITOR KITCHEN HOOD SUPPRESSION SYSTEM.
- CONTRACTOR TO CONNECT MODULAR KITCHEN FIRE ALARM SYSTEM TO THE HOSPITAL'S EXISTING FIRE ALARM SYSTEM. COORDINATE INTEGRATION, COMPATIBILITY, AND ALL EQUIPMENT ASSOCIATED FOR THE FIRE ALARM SYSTEM WITH THE FACILITY AND VENDOR. FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL APPLICABLE CODES.

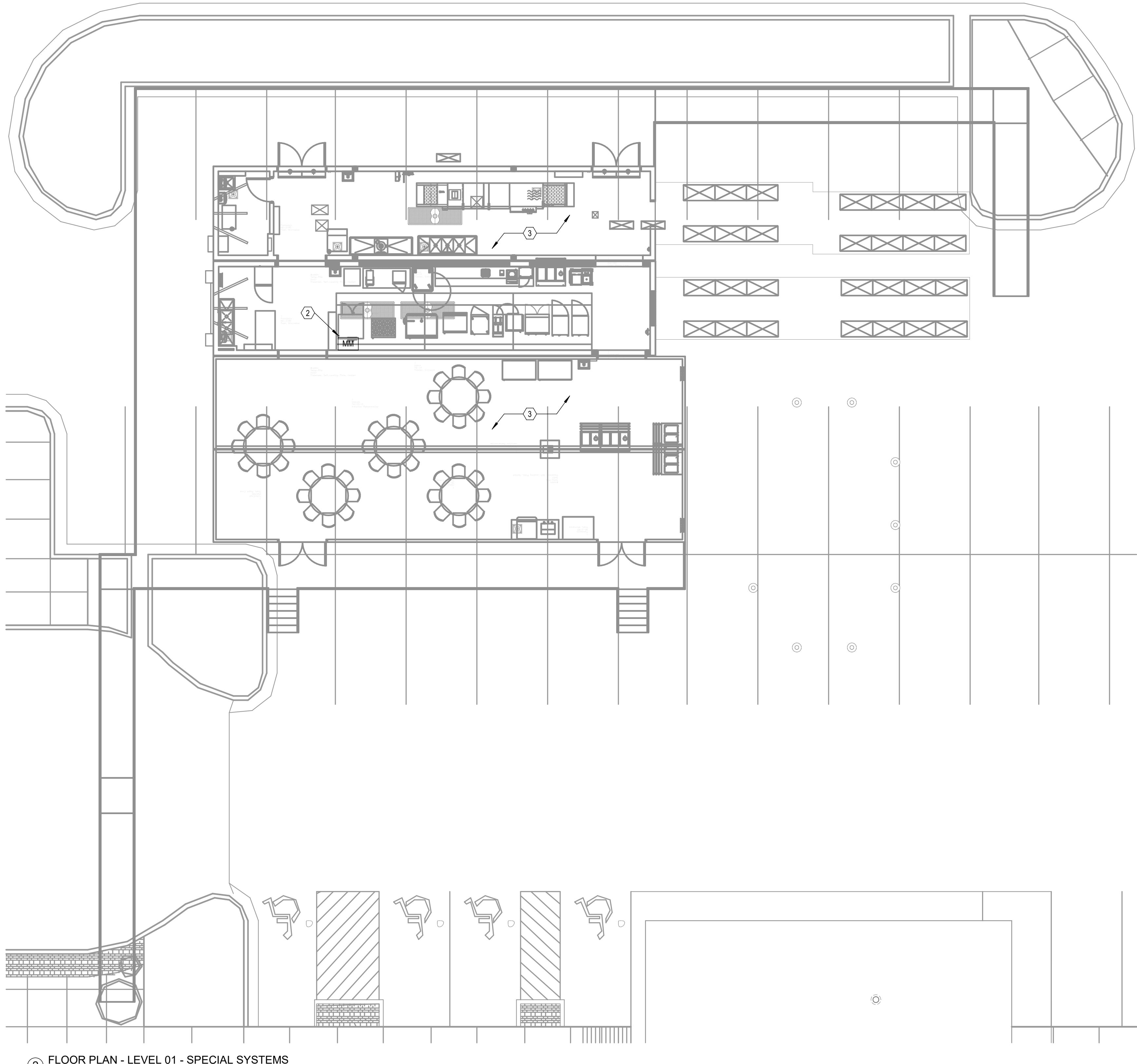
SYSTEM INPUTS	PRIORITY				SYSTEM OUTPUTS											
	ALARM	SUPERVISORY	TROUBLE	REPORT TO FIRE ALARM CONTROL PANEL	ACTIVATE GENERAL FIRE SIGNAL SUPERVISING STATION	ACTIVATE ETC NOTIFICATION APPLIANCE	SHUTDOWN INDIVIDUAL FAN	SHUTDOWN ALL FAN POWERED MECHANICAL AIR HANDLING EQUIPMENT	SHUTDOWN ALL FAN POWERED MECHANICAL AIR HANDLING EQUIPMENT AND DAMPERS	CLOSE ASSOCIATED SMOKE DAMPER	SHUTDOWN TENDANT AUDIO VIDEO SYSTEMS IN COMMON AREAS	INITIATE ELEVATOR RECALL TO PRIMARY FLOOR	INITIATE ELEVATOR RECALL TO ALTERNATE FLOOR	INITIATE ELEVATOR SHUNT TRIP		
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - OPEN																
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - SHORT																
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - GROUND																
FIRE ALARM CONTROL PANEL LOSS OF POWER																
MANUAL PULL STATION																
SMOKE DETECTOR - SPOT TYPE																
SMOKE DETECTOR - DUCT MOUNTED																
HEAT DETECTOR - SPOT TYPE																
WATERFLOW ALARM SWITCH																
VALVE TAMPER SWITCH																
LOW/HIGH AIR PRESSURE SWITCH																
KITCHEN HOOD SUPPRESSION SYSTEM																

CONTRACTOR TO PROVIDE ALL NECESSARY EQUIPMENT AND CONNECTIONS REQUIRED TO ACCOMPLISH THE FUNCTIONS INDICATED, AT MINIMUM.
SEQUENCE OF OPERATIONS INDICATED IS SCHEMATIC. MODIFY TO SUIT CONDITIONS AND MEET APPLICABLE CODE REQUIREMENTS.

③ FIRE ALARM SEQUENCE OF OPERATIONS 12" = 1'-0"



① FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - SPECIAL SYSTEMS
1/8" = 1'-0"



② FLOOR PLAN - LEVEL 01 - SPECIAL SYSTEMS
1/8" = 1'-0"



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MODULAR INTERIM KITCHEN COMPLEX

HCA - LEE'S SUMMIT MEDICAL
CENTER
2100 SE BLUE PKWY, LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2
FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

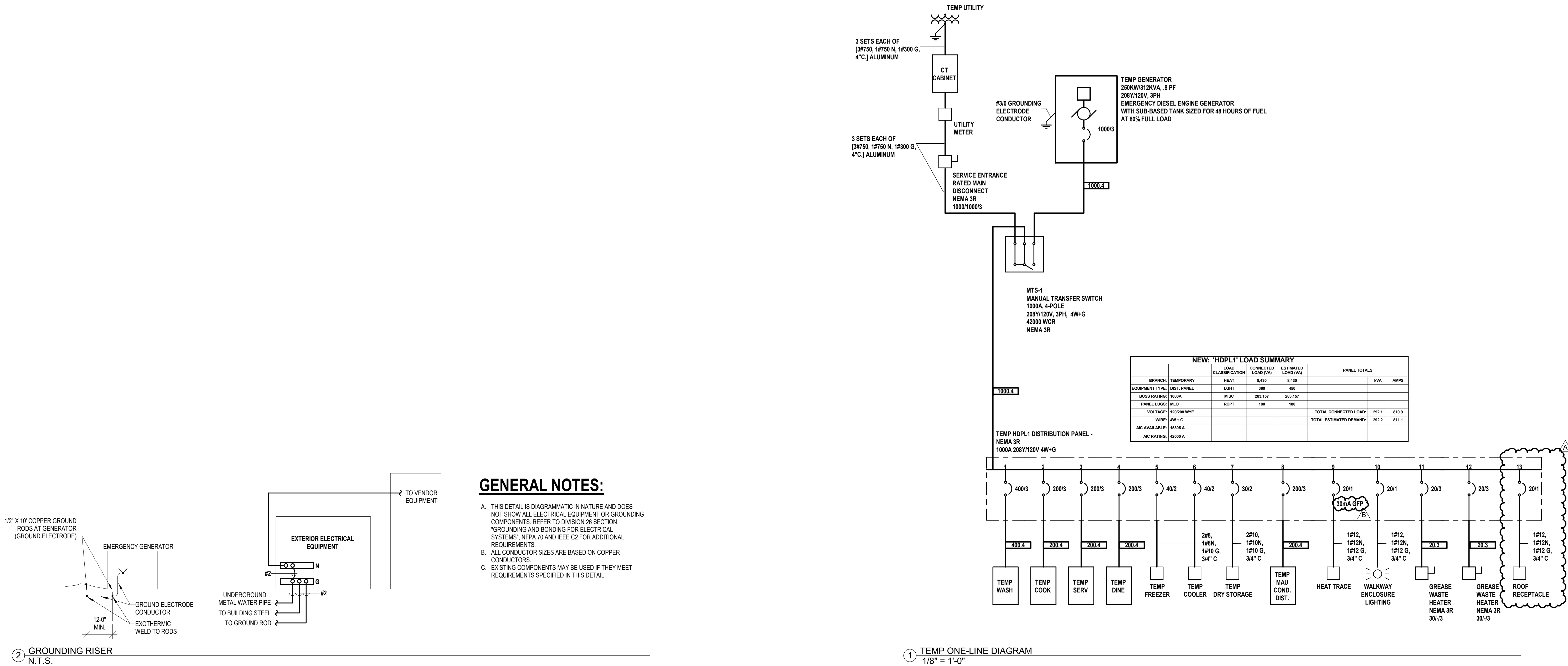
AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY 2ND REVIEW	2025/07/03
B	DESIGN COORDINATION	2025/07/03

DATE: 05/23/25
SCALE: N.T.S.
DRAWN: Author
REVIEWED: Checker
JOB NUMBER: 6406.24-0001

ONE LINE DIAGRAM - ELECTRICAL

E06-00



Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternate schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

Autodesk Docx/6406.24 - HCA - Lee's Summit Medical Center (LSMC)_r723/MEP_LSMC TEMP KITCHEN_R23.rvt

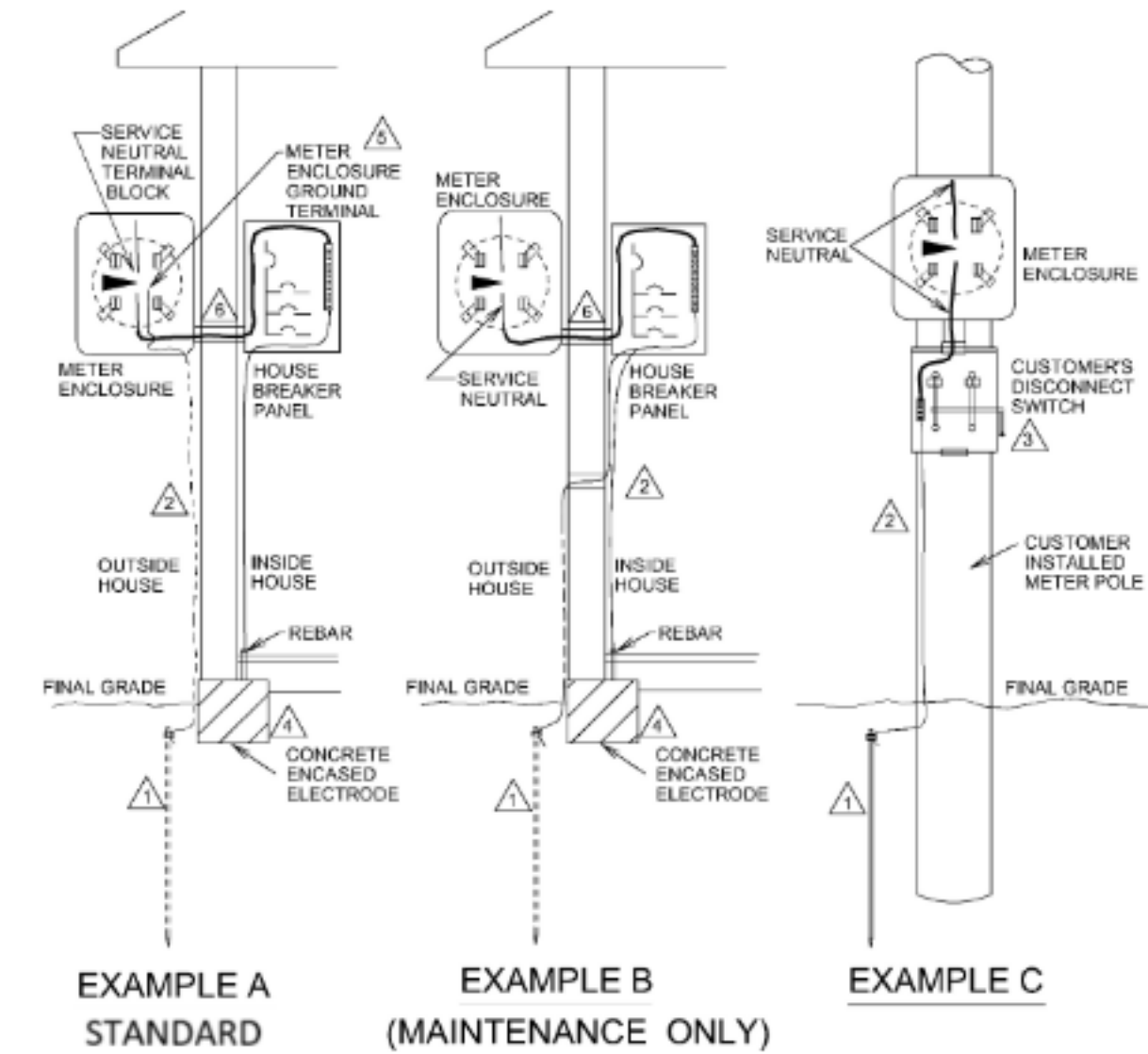
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GENERAL NOTES

A. EVERY UTILITY DETAILS FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR OBTAINING LATEST INFORMATION DIRECTLY FROM EVERY.



10.2 – Grounding Diagrams



Notes:

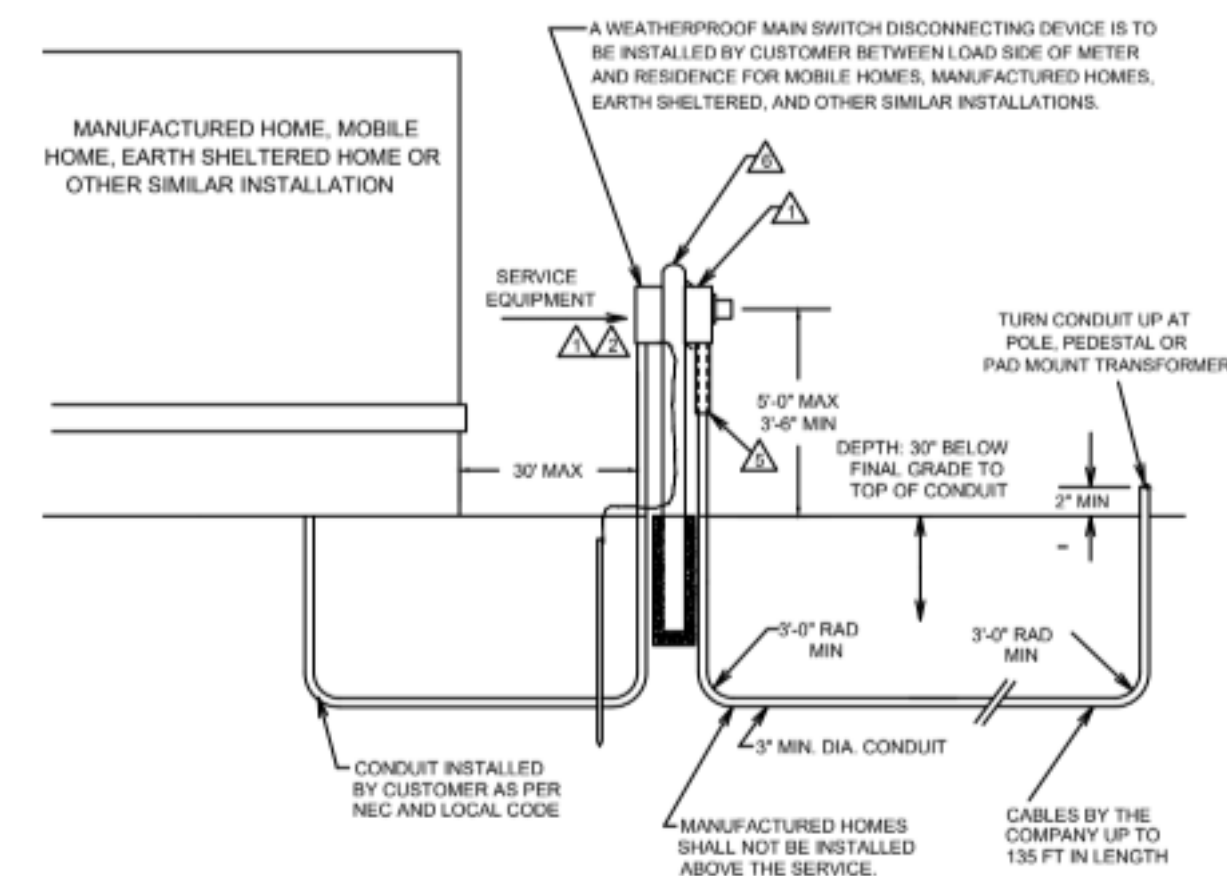
- Customer to install adequate grounding for service entrance according to NEC 250. This may consist of a 5/8" diameter by 8 ft. steel copper clad ground rod that is driven vertically the entire length into undisturbed earth with #6 solid copper wire connected between the ground rod and the meter enclosure (or disconnect device) if concrete encased electrode is not available, NEC 250.52(A)(5)(b). Ground rod to be located exterior to house; consult local inspection authorities.
- All examples are acceptable to the NEC, NESC and Company. New construction for buildings shall follow Example A. However, customer/developer should first check with the local code authority to determine the example that the local code authority also requires.

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Revision: 10/22/2024



10.23 – Service to Mobile and Earth Sheltered Homes



Notes:

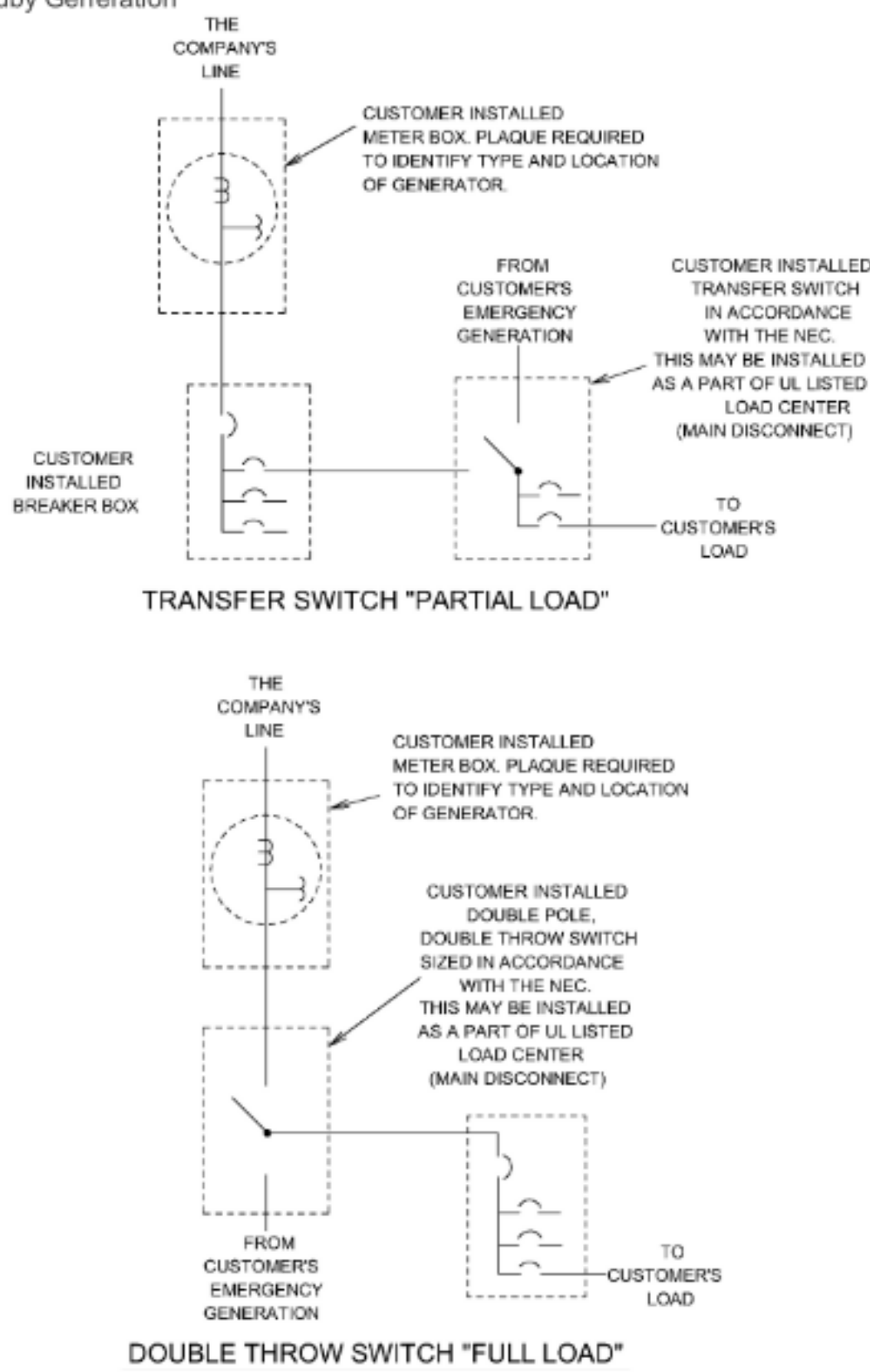
- Customer will supply Company approved meter socket. Customer/developer shall supply all equipment except the meter and cable from the meter to Company facilities. Commercially available U.L. listed meter pedestal with main breaker may be acceptable. Contact the Company's local service center for approval.
- Service equipment shall be grounded. See section 10.2 for details.
- Customer/developer shall provide all trenching, backfill and furnish and install NEC approved rigid conduit from the meter to pole, padmount transformer, or easement.
- The customer/developer shall coordinate the installation of the service conduit with Company crews during installation of primary cable, transformers, and pedestals. Conduit size shall be a minimum of 3" for services. Customer/developer shall install approved slip joint on conduit to allow for ground movement NEC 300.5(J).
- Refer to Meter and Stand Drawing 10.15.
- Depth to top of conduit shall be a minimum of 30 inches below final grade. Where rock or extenuating circumstances are encountered see section 10.18. In all cases the installation shall conform to NEC, NESC, local codes and this standard.
- The customer/developer's conduit shall be installed in a straight line if possible. If horizontal turns are required, they shall not exceed equivalent of one 90-degree turn.

76

Revision: 10/22/2024



10.39 – Standby Generation



100

Revision: 10/22/2024



- Weather proof breaker panel may be substituted for disconnect as long as it complies with the NEC.
- Concrete encased electrode as specified in NEC 250.52(A)(3) (if applicable)
- Grounding electrode conductor connection shall be made in the house breaker panel if the meter enclosure ground terminal is not available.
- Equipment grounding shall not be installed between the meter and the house breaker panel per NEC 100 definition e.g.

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Revision: 10/22/2024



- The customer/developer shall install a pull tape in the conduit. If the customer/developer's pull tape breaks, it is the customer/developer's responsibility to pull in a new one.
- The Company will install and own one set of service cables up to 135 feet in length from the pole, secondary pedestal, or padmount transformer of the Company distribution system to the customer/developer's meter enclosure.
- Meter may be installed on manufactured home (at a height of 5'-0" to 3'-6") as long as it has been bolted to a permanent foundation with its wheel & axles removed & permanently attached to all utilities. NEC 50.23(B). Meter may also be installed on the front of an earth sheltered or similar home.
- Manufactured home shall not be located above the service. This is a safety hazard when manufactured home tie down anchors are installed.
- The customer/developer may purchase and install a pre-fabricated pedestal that includes the meter socket, main disconnect with protective devices, and (optional) receptacles as a combination unit in lieu of using separate components. If such a pedestal is used, the Company must approve it in advance

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Revision: 10/22/2024



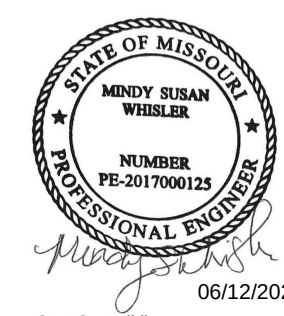
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Consultant:



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MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2
FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 05/23/25
SCALE: N.T.S.
DRAWN: Author
REVIEWED: Checker
JOB NUMBER: 6406.24.0001

DETAILS - ELECTRICAL

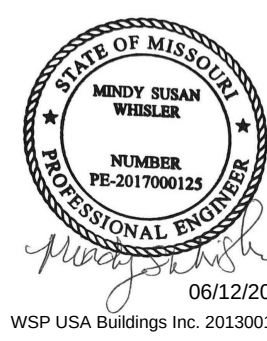
E07-01

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SCALE: N.T.S.
DRAWN: Author
REVIEWED: Checker
JOB NUMBER: 6406.24-0001

SCHEDULES - ELECTRICAL

E08-01

ELECTRICAL LUMINAIRE FIXTURE SCHEDULE

ELECTRICAL LUMINAIRE FIXTURE SCHEDULE																		
TYPE	PHYSICAL DESCRIPTION							ELECTRICAL SPECIFICATIONS							MANUFACTURER INFORMATION			
	DESCRIPTION	LOCATION	HOUSING	REFLECTOR	SHIELDING	FINISH	MOUNTING	COLOR TEMP.	LAMP	LUMENS	HOURS	VA	UNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER	REMARKS
J1	4'-0" LED LOW PROFILE LENSED STRIPLIGHT WITH DROP LENS FOR 10% UPLIGHT	ENCLOSED WALKWAY	20 GA. HEAVY DUTY STEEL HOUSING	N/A	COLD ROLLED STEEL	WHITE FINISH, PAINTED AFTER FABRICATION	SURFACE	4,000	LED	3,000	50000	30	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#Z1D L48 3000LM FST MVOLT 40K 80CRI	
J1E	SIMILAR TO TYPE J1 WITH BATTERY BACK UP	ENCLOSED WALKWAY	20 GA. HEAVY DUTY STEEL HOUSING	N/A	COLD ROLLED STEEL	WHITE FINISH, PAINTED AFTER FABRICATION	SURFACE	4,000	LED	3,000	50000	30	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#Z1D L48 3000LM FST MVOLT 40K 80CRI E10W	

COPPER FEEDER SCHEDULE 600V MAX.

FEEDER TAG & AMPERE RATING	FEEDER DESCRIPTION
15.3, 20.3 15.4, 20.4	3#12, 1#12 G, 3/4" C 3#12, 1#12 N, 1#12 G, 3/4" C
25.3, 30.3 25.4, 30.4	3#10, 1#10 G, 3/4" C 3#10, 1#10 N, 1#10 G, 3/4" C
35.3, 40.3 35.4, 40.4	3#8, 1#10 G, 3/4" C 3#8, 1#8 N, 1#10 G, 3/4" C
45.3, 50.3 45.4, 50.4	3#6, 1#10 G, 3/4" C 3#6, 1#6 N, 1#10 G, 1" C
60.3 60.4	3#4, 1#10 G, 1" C 3#4, 1#4 N, 1#10 G, 1 1/4" C
70.3 70.4	3#4, 1#8 G, 1" C 3#4, 1#4 N, 1#8 G, 1-1/4" C
80.3 80.4	3#3, 1#8 G, 1-1/4" C 3#3, 1#3 N, 1#8 G, 1-1/4" C
90.3 90.4	3#2, 1#8 G, 1-1/4" C 3#2, 1#2 N, 1#8 G, 1-1/4" C
100.3 100.4	3#1, 1#8 G, 1-1/4" C 3#1, 1#1 N, 1#8 G, 1-1/2" C
110.3 110.4	3#1, 1#6 G, 1-1/4" C 3#1, 1#1 N, 1#6 G, 1-1/2" C
125.3, 150.3 125.4, 150.4	3#10, 1#6 G, 1-1/2" C 3#10, 1#10 N, 1#6 G, 2" C
175.3 175.4	3#20, 1#6 G, 2" C 3#20, 1#20 N, 1#6 G, 2" C
200.3 200.4	3#30, 1#6 G, 2" C 3#30, 1#30 N, 1#6 G, 2" C
225.3 225.4	3#40, 1#4 G, 2" C 3#40, 1#40 N, 1#4 G, 2-1/2" C
250.3 250.4	3#250KCM, 1#4 G, 2-1/2" C 3#250KCM, 1-250KCM N, 1#4 G, 2-1/2" C
300.3 300.4	3#350KCM, 1#4 G, 2-1/2" C 3#350KCM, 1-350KCM N, 1#4 G, 3" C
350.3 350.4	3#500KCM, 1#3 G, 3" C 3#500KCM, 1-500KCM N, 1#3 G, 3-1/2" C
400.3 400.4	2 SETS EACH OF [3#30, 1#3 G, 2" C] 2 SETS EACH OF [3#30, 1#30 N, 1#3 G, 2-1/2" C]
450.3 450.4	2 SETS EACH OF [3#40, 1#2 G, 2" C] 2 SETS EACH OF [3#40, 1#40 N, 1#2 G, 2-1/2" C]
500.3 500.4	2 SETS EACH OF [3#250KCM, 1#2 G, 2-1/2" C] 2 SETS EACH OF [3#250KCM, 1#250KCM N, 1#2 G, 2-1/2" C]
600.3 600.4	2 SETS EACH OF [3#350KCM, 1#1 G, 2-1/2" C] 2 SETS EACH OF [3#350KCM, 1#350KCM N, 1#1 G, 3" C]
700.3 700.4	2 SETS EACH OF [3#500KCM, 1#10 G, 3" C] 2 SETS EACH OF [3#500KCM, 1#500KCM N, 1#10 G, 3-1/2" C]
800.3 800.4	3 SETS EACH OF [3#300KCM, 1#10 G, 3" C] 3 SETS EACH OF [3#300KCM, 1#300KCM N, 1#10 G, 3" C]
900.3 900.4	3 SETS EACH OF [3#350KCM, 1#20 G, 3" C] 3 SETS EACH OF [3#350KCM, 1#350KCM N, 1#20 G, 3" C]
1000.3 1000.4	3 SETS EACH OF [3#400KCM, 1#20 G, 3" C] 3 SETS EACH OF [3#400KCM, 1#400KCM N, 1#20 G, 3" C]
1200.3 1200.4	4 SETS EACH OF [3#300KCM, 1#30 G, 3" C] 4 SETS EACH OF [3#350KCM, 1#350KCM N, 1#30 G, 3" C]
1400.3 1400.4	4 SETS EACH OF [3#500KCM, 1#40 G, 3" C] 4 SETS EACH OF [3#500KCM, 1#500KCM N, 1#40 G, 3-1/2" C]
1600.3 1600.4	5 SETS EACH OF [3#400KCM, 1#40 G, 3" C] 5 SETS EACH OF [3#400KCM, 1#400KCM N, 1#40 G, 3" C]
2000.3 2000.4	6 SETS EACH OF [3#400KCM, 1#250KCM G, 3" C] 6 SETS EACH OF [3#400KCM, 1#400KCM N, 1#250KCM G, 3" C]
2500.3 2500.4	7 SETS EACH OF [3#500KCM, 1#350KCM G, 3-1/2" C] 7 SETS EACH OF [3#500KCM, 1#500KCM N, 1#350KCM G, 3-1/2" C]
3000.3 3000.4	8 SETS EACH OF [3#500KCM, 1#400KCM G, 3" C] 8 SETS EACH OF [3#500KCM, 1#500KCM N, 1#400KCM G, 3-1/2" C]
4000.3 4000.4	11 SETS EACH OF [3#500KCM, 1#500KCM G, 3-1/2" C] 11 SETS EACH OF [3#500KCM, 1#500KCM N, 1#500KCM G, 3-1/2" C]

ALUMINUM FEEDER SCHEDULE 600V MAX.

FEEDER TAG & AMPERE RATING	FEEDER DESCRIPTION
110.3A 110.4A	3#10, 1#4G, 1-1/2" C 3#10, 1#10 N, 1#4 G, 1-1/2" C. *
125.3A 125.4A	3#20, 1#4G, 1-1/2" C 3#20, 1#20 N, 1#4 G, 2" C.
150.3A 150.4A	3#30, 1#4G, 2" C 3#30, 1#30 N, 1#4 G, 2" C.
175.3A 175.4A	3#40, 1#4G, 2" C 3#40, 1#40 N, 1#4 G, 2" C. *
200.3A 200.4A	3#250, 1#4G, 2" C 3#250, 1#250 N, 1#4 G, 2-1/2" C.
225.3A 225.4A	3#300, 1#2G, 2-1/2" C 3#300, 1#300 N, 1#2 G, 2-1/2" C. *
250.3A 250.4A	3#350, 1#2G, 2-1/2" C 3#350, 1#350 N, 1#2 G, 3" C.
300.3A 300.4A	3#800, 1#2G, 3" C 3#800, 1#800 N, 1#2 G, 3" C.
350.3A 350.4A	3#700, 1#1G, 3-1/2" C 3#700, 1#700 N, 1#1 G, 4"
400.3A 400.4A	2 SETS EACH OF [3#250, 1#1G, 2" C]. * 2 SETS EACH OF [3#250, 1#250 N, 1#1 G, 2-1/2" C].
450.3A 450.4A	2 SETS EACH OF [3#300, 1#10G, 2-1/2" C] 2 SETS EACH OF [3#300, 1#300 N, 1#10 G, 2-1/2" C]. *
500.3A 500.4A	2 SETS EACH OF [3#350, 1#10G, 2-1/2" C] 2 SETS EACH OF [3#350, 1#350 N, 1#10 G, 3" C].
600.3A 600.4A	2 SETS EACH OF [3#500, 1#20G, 3" C] 2 SETS EACH OF [3#500, 1#500 N, 1#20 G, 3" C]. *
700.3A 700.4A	2 SETS EACH OF [3#700, 1#30G, 3" C]. * 2 SETS EACH OF [3#700, 1#700 N, 1#30 G, 3-1/2" C]. *
800.3A 800.4A	3 SETS EACH OF [3#400, 1#30G, 2-1/2" C]. * 3 SETS EACH OF [3#400, 1#400 N, 1#30 G, 3" C].
900.3A 900.4A	3 SETS EACH OF [3#500, 1#40G, 3" C] 3 SETS EACH OF [3#500, 1#500 N, 1#40 G, 3" C]. *
1000.3A 1000.4A	3 SETS EACH OF [3#600, 1#40G, 3" C] 3 SETS EACH OF [3#600, 1#600 N, 1#40 G, 3-1/2" C].
1200.3A 1200.4A	4 SETS EACH OF [3#500, 1#250G, 3" C] 4 SETS EACH OF [3#500, 1#500 N, 1#250 G, 3" C]. *
1400.3A 1400.4A	4 SETS EACH OF [3#700, 1#350G, 3-1/2" C] 4 SETS EACH OF [3#700, 1#700 N, 1#350 G, 4" C].
1600.3A 1600.4A	5 SETS EACH OF [3#600, 1#350G, 3" C]. * 5 SETS EACH OF [3#600, 1#600 N, 1#350 G, 3-1/2" C].
2000.3A 2000.4A	6 SETS EACH OF [3#600, 1#400G, 3" C]. * 6 SETS EACH OF [3#600, 1#600 N, 1#400 G, 3-1/2" C]. *
2500.3A 2500.4A	7 SETS EACH OF [3#700, 1#600G, 3-1/2" C] 7 SETS EACH OF [3#700, 1#700 N, 1#600 G, 4" C].
3000.3A 3000.4A	8 SETS EACH OF [3#700, 1#600G, 3-1/2" C] 8 SETS EACH OF [3#700, 1#700 N, 1#600 G, 4" C].
4000.3A 4000.4A	10 SETS EACH OF [3#900, 1#800G, 3-1/2" C] 10 SETS EACH OF [3#900, 1#900 N, 1#800 G, 4" C].
NOTE:	* SCHEDULE 80, WHERE PERMITTED BY SPECIFICATIONS, SHALL BE INCREASED ONE CONDUIT SIZE FROM THE SIZE INDICATED IN THE FEEDER DESCRIPTION ABOVE.

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MODULAR INTERIM KITCHEN COMPLEX

HCA - LEE'S SUMMIT MEDICAL
CENTER
2100 SE BLUE PKWY, LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2

FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS:
AGENCY

REVISIONS

REV.#	DESCRIPTION	DATE
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DATE: 05/23/25
SCALE: 1/8" = 1'-0"
DRAWN: Author
REVIEWED: Checker
JOB NUMBER: 6406.24.0001

GENERAL INFORMATION - TECHNOLOGY

T00-00

TECHNOLOGY GENERAL NOTES:

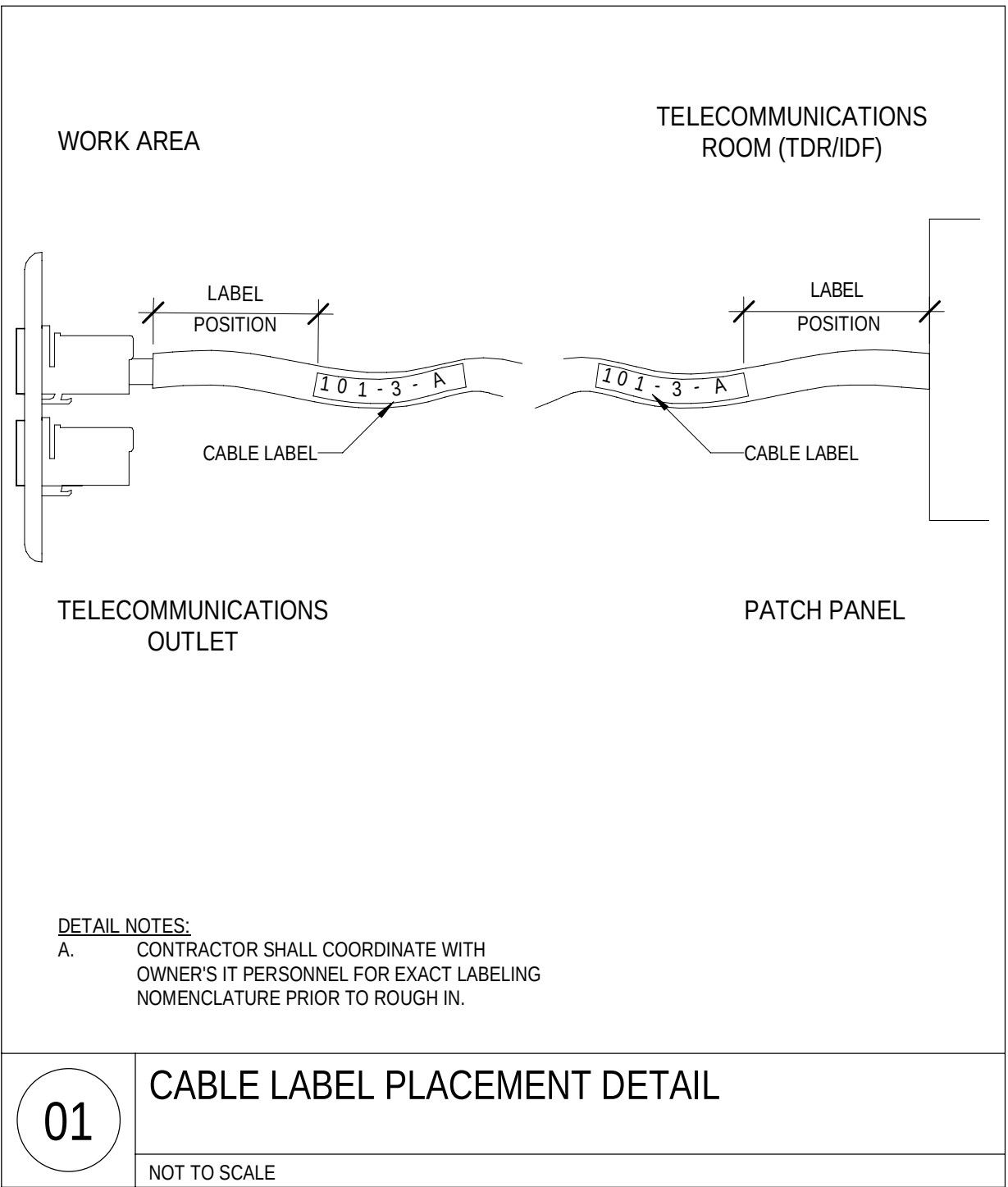
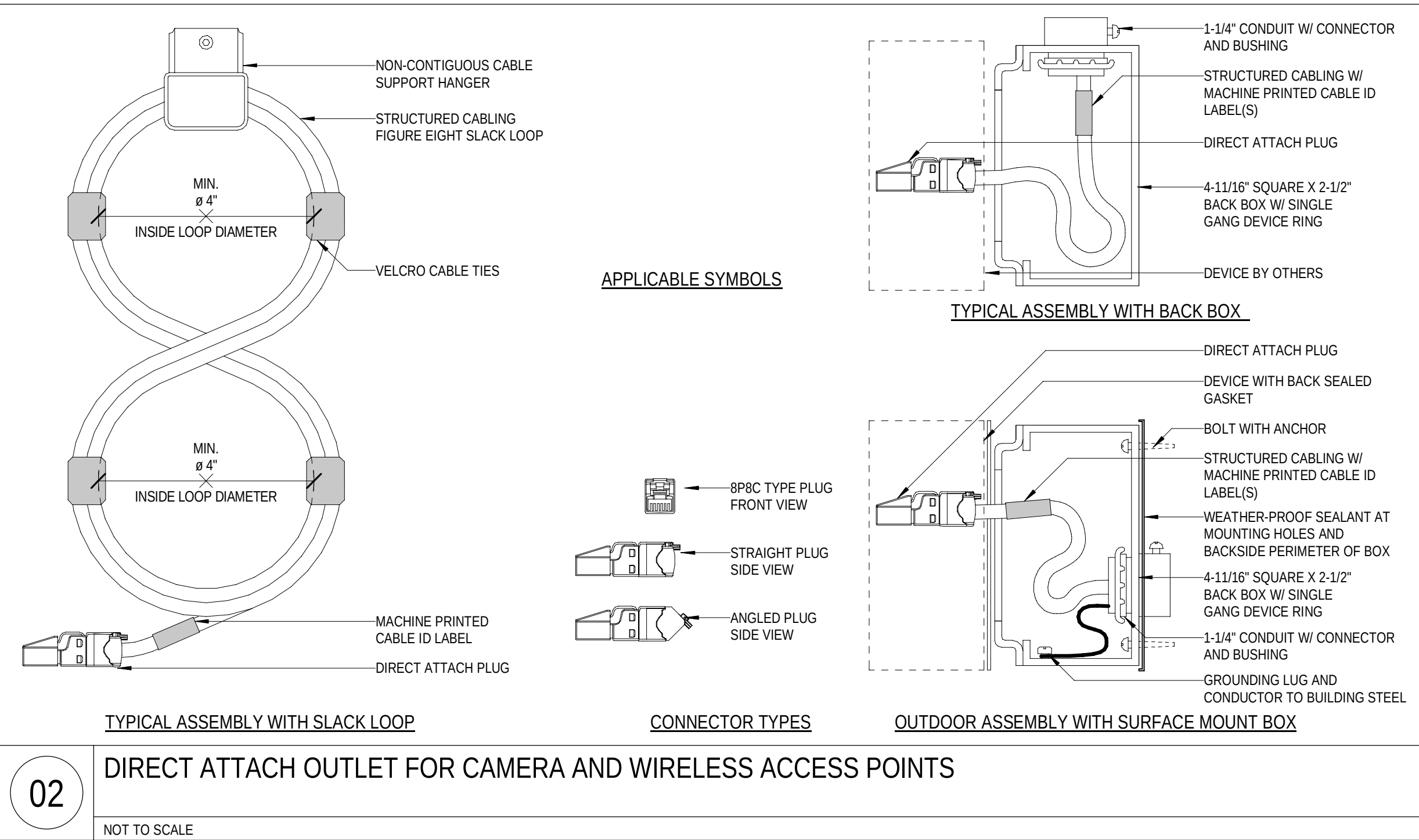
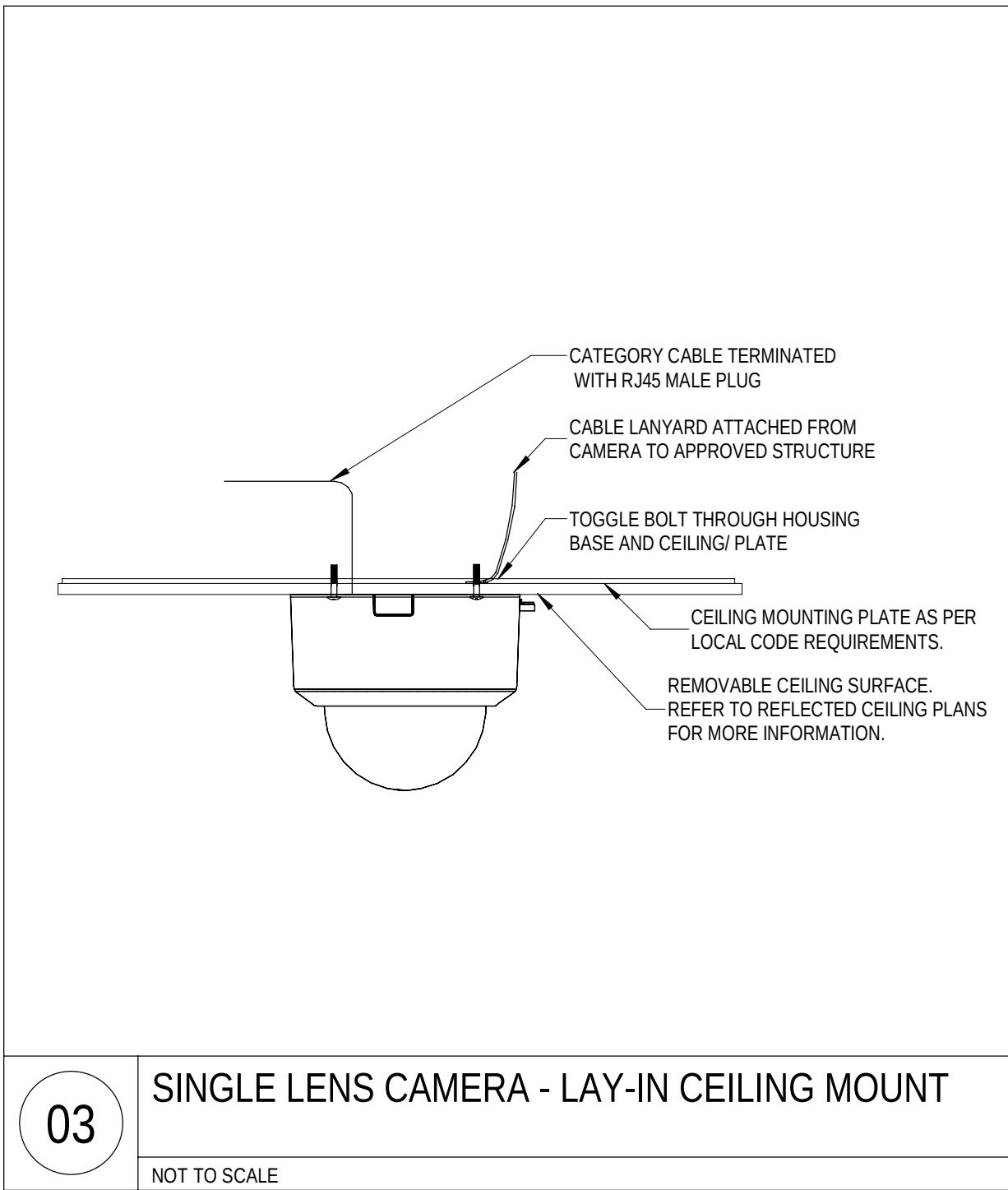
- CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR PROPOSAL AND BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED, AND CORRELATE THEIR SITE OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. INCONSISTENCIES DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER AT ONCE, BEFORE SUBMITTAL OF BID PROPOSAL.
- ALL COMMUNICATIONS PRODUCTS AND INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MATERIALS AND METHODS FOR COMMUNICATIONS INSTALLATION.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, AND COMPLY WITH ALL NATIONAL, STATE, AND MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY.
- CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND COORDINATED SYSTEM.
- UNLESS OTHERWISE NOTED ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND U.L. LISTED OR LABELED. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND LISTINGS OR LABELING REQUIREMENTS AND RESTRICTIONS. PROVIDE SUBMITTAL DATA AS DEPICTED IN THE COMMUNICATIONS SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL OF ALL COMMUNICATIONS MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND APPROVED. NO WORK IS AUTHORIZED WITHOUT SHOP DRAWINGS REVIEWED BY ENGINEER.
- REFER TO AND COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT.
- REFER TO AND COORDINATE WITH DIVISION 23 AND 26 FOR THE LOCATION OF ALL ITEMS LOCATED IN THE CEILING INCLUDING, BUT NOT LIMITED TO SUPPLY-AIR DIFFUSERS, RETURN-AIR DIFFUSERS AND FIRE SPRINKLER HEADS.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. 483 "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A U.L. APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR FIRE RATED WALL LOCATIONS.
- CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL OUTGAGES WITH OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL WARRANTY WORK FOR ONE (1) YEAR FROM THE COMPLETION OF THE PROJECT AND PROVIDE OWNER WITH AS-BUILT DRAWINGS.
- SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT AND/OR DEVICES OF A PARTICULAR MANUFACTURER WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
- ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.
- DEVICES LOCATED WITHIN MECHANICAL/ELECTRICAL SPACES AND/OR CENTRAL UTILITY PLANT SHALL BE INSTALLED IN CONDUIT PATHWAYS FROM DEVICE LOCATION TO ACCESSIBLE CEILING SPACE WITHIN THE NEAREST CORRIDOR OR DIRECTLY TO IDF ROOM. CONDUIT PATHWAY MAY BE COMBINED INTO A JUNCTION POINT AND ROUTED THROUGH LARGER CONDUIT WHERE APPLICABLE. CONDUITS SHALL BE SIZED AT 40% FILL CAPACITY AT TIME OF INSTALLATION.
- COMMUNICATIONS LOW-VOLTAGE/SECURITY CABLING SHALL BE RATED FOR THE ENVIRONMENT THAT IT IS TO BE INSTALLED (CMP - PLENUM RATED SPACES, CMR - NON-PLENUM RATED SPACES, OUTDOOR RATED CABLING, ETC.) WHERE APPLICABLE.
- ALL UNDER SLAB OR IN-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GROUND WATER, RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM THE CONDUITS PRIOR TO PLACEMENT OF COMMUNICATIONS CABLES. SEE ELECTRICAL SPECIFICATIONS, DETAILS AND PLANS FOR ADDITIONAL CONDUIT SEALING REQUIREMENTS.
- ALL CONDUIT STUBS AND/OR EMT SLEEVES SHALL BE FITTED WITH PLASTIC PROTECTIVE BUSHINGS. BUSHINGS SHALL BE RATED FOR THE ENVIRONMENT THEY ARE TO BE INSTALLED.
- ALL COMMUNICATIONS LOW-VOLTAGE/SECURITY CONDUITS SIZED 2" OR LARGER SHALL HAVE A MINIMUM BEND RADIUS OF 10:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS. ALL CONDUIT 2" OR SMALLER SHALL HAVE A MINIMUM BEND RADIUS OF 6:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS.
- CONDUITS 2" AND SMALLER GENERALLY DO NOT APPEAR ON DRAWINGS EXCEPT FOR SPECIFIC CONDITIONS, BUT ARE REQUIRED. REFER TO CONTRACT DOCUMENTS (INCLUDING SCHEDULES, SHEET NOTES, DETAILS AND SPECIFICATIONS) FOR ADDITIONAL INFORMATION.
- SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER, WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.

ABBREVIATIONS

ACP	ACCESS CONTROL PANEL
AFC	ABOVE FINISHED COUNTER
AFB	ABOVE FINISHED FLOOR
AHU	AUTHORITY HAVING JURISDICTION
AMP	OVERHEAD PAGING AMPLIFIER
AV	AUDIO VISUAL DEVICE/COUP (COORDINATE OUTLET INSTALLATION WITH AV VENDOR)
BASISMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BMS VENDOR)
BFC	BELOW FINISHED CEILING
BVC	BRIE YVIEWING CAMERA DEVICE
CAB	CABINET
CCI	WALL MOUNTED "CCR" WORKSTATION (IF APPLICABLE)
CLK	WALL CLOCK
CPU	COMPUTER WORKSTATION
CT	CABLE TRAY
CT	DISTRIBUTED ANTENNA SYSTEM
DAS	DEMARCAT ROOM
DIA	DIAMETER
EMT	ELECTRICAL METAL TUBING
EQ	EQUIPMENT
EV	ELECTRIC VEHICLE CHARGING STATION
(EX)	EXISTING
FM	FETAL MONITORING
HUGS	INFANT PROTECTION SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME (SEE TDR)
INFO	INFORMATION MONITOR
LV	LOW VOLTAGE
LV	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME (SEE TEC)
MEDS	MEDICATION DISTRIBUTION EQUIPMENT
MFR	MANUFACTURER
MIN	MINIMUM
MON	MONITOR
NA	NOT APPLICABLE
NC	NURSE CALL
NOT TO SCALE	NOT TO SCALE
OR INT	OPERATING ROOM INTEGRATION EQUIPMENT (COORDINATE INSTALLATION WITH OR INT. VENDOR)
PACS	PACS VIEWING STATION
PROX	PHYSIOLOGICAL/PATIENT MONITORING
PM	WALL MOUNTED "PROXIMITY SYSTEMS" WORKSTATION (IF APPLICABLE)
PTS	PNEUMATIC TUBE SYSTEM (COORDINATE OUTLET INSTALLATION WITH PTS VENDOR)
PTV	PATIENT TELEVISION
RTL	REAL-TIME LOCATING SYSTEM
TC	EMPLOYEE TIME CLOCK
TDR	TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF)
TEC	TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF)
TELE	TELEMETRY SYSTEM
TRK	TRACKER MONITOR
TV	TELEVISION
UNO/NO	UNLESS NOTED OTHERWISE/UNLESS OTHERWISE NOTED
W	WALL PHONE
WAP	WIRELESS ACCESS POINT
WRP	WEATHERPROOF
W	WALL MOUNTED WORKSTATION ON ARM

TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE															
SYSTEM	EQUIPMENT			CABLING				ROUGH IN						GROUNDING	
	EQUIPMENT FURNISHED BY	EQUIPMENT INSTALLED BY	TEST/CERTIFIED BY	CABLE FURNISHED BY	CABLE INSTALLED BY	CABLE TERMINATIONS BY	LABELLED BY	TEST/CERTIFIED BY	CONDUIT SLEEVES BY (NOTE 2)	CONDUIT PATHWAYS BY (NOTE 3)	PRE-MANUFACTURED FIRE SLEEVE BY (NOTE 4)	BACK BOXES PROVIDED BY (NOTE 5)	BACK BOXES INSTALLED BY (NOTE 5)	FLOORWALL CORES/SLEEVES BY (NOTE 6)	CONNECTION TO TGB BY
IT&S SYSTEMS - VOICE/DATA															
IT&S VOICE EQUIPMENT (WORKSTATION) (NOTE 9)	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
IT&S DATA EQUIPMENT (WORKSTATION) (NOTE 9)	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
WIRELESS ACCESS POINT (WAP)	OWNER	DIV 27	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
IT&S DATA EQUIPMENT (TEC/TDR)	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IT&S VOICE EQUIPMENT (TEC/TDR)	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WORKSTATION / EQUIPMENT PATCH CORDS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MEDICAL EQUIPMENT NETWORK CONNECTED DEVICES (NOTE 9)	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
TIME CLOCK (EMPLOYEE)	OWNER	GC	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
SECURITY SYSTEMS															
NVR/DVR	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
SURVEILLANCE CAMERAS/MOUNTS/LICENSES	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
NETWORK SWITCHES	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
PATCH CORDS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELECTRONIC ACCESS CONTROL SYSTEM	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A
DOOR HARDWARE	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	N/A	N/A	DIV 26	N/A	DIV 26	N/A	N/A
WIRELESS PANIC BUTTON (IF APPLICABLE)	PB	PB	PB	N/A	N/A	N/A	PB	PB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WIRED PANIC BUTTON (IF APPLICABLE)	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
INFANT PROTECTION	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	N/A
INTRUSION DETECTION	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
EMERGENCY (BLUE) PHONE	GC	GC	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26	DIV 27	DIV 26	DIV 26	N/A	DIV 26
INTERCOM	DIV 28	DIV 28		DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A
NOTES: 1. ALL SYSTEMS SHOWN MAY NOT BE PRESENT IN PROJECT. REFER TO FLOOR PLANS FOR SYSTEMS INCLUDED IN PROJECT. 2. INCLUDES CONDUIT SLEEVES, NOT TO EXCEED 18 INCHES IN LENGTH, THROUGH GYPSUM PARTITIONS. SLEEVES EXCEEDING 18" IN LENGTH SHALL BE PROVIDED BY DIV 26 CONTRACTOR. 3. INCLUDES CONDUIT PATHWAY EXCEEDING 18 INCHES IN LENGTH. INCLUDES ALL NECESSARY CONNECTIONS, PULL BOXES, AND PLASTIC BUSHINGS. 4. INCLUDES PRE-MANUFACTURED FIRE SLEEVE SYSTEMS. 5. INCLUDES REQUIRED CONDUIT STUBS UP TO ABOVE ACCESSIBLE CEILING SPACE. 6. INCLUDES SLEEVES THROUGH CONCRETE/MASONRY WALLS REQUIRING CORING OR LEAVE-OUTS. 7. CROSS ROOM SOUND CABLE TERMINATED BY NURSE CALL VENDOR AT PATIENT STATION. DIV 27 CONTRACTOR SHALL TERMINATE CROSS ROOM SOUND CABLE AT TV OUTLET AND PROVIDE FACEPLATE. 8. LIGHTING CONTROL CABLE TERMINATED BY NURSE CALL VENDOR AT PATIENT STATION. NURSE CALL VENDOR SHALL PROVIDE DIV 26 CONTRACTOR LIGHTING CONTROL RELAY. DIV 26 CONTRACTOR SHALL CONNECT RELAY WITH LIGHT. 9. VOICEDATA WORKSTATION & MEDICAL EQUIPMENT DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: A. PDS B. COPIERS C. WIRELESS ACCESS POINTS D. SCANNERS E. TRACKER MONITORS F. TELEPHONE SETS G. LAB EQUIPMENT (STERILIZERS, ETC.) H. ADDITIONAL MEDICAL EQUIPMENT I. PRINTERS/NETWORK LASER, MULTIFUNCTION, (LAS, SCRIPT, ETC.) J. TIME CLOCK (EMPLOYEE) K. MED DISPENSERS L. POINT OF USE (POU) SCANNER M. FAX MACHINES N. PHYSIOLOGICAL MONITORING VENDOR O. SERVICE PROVIDER P. GENERAL CONTRACTOR Q. PHYSIOLOGICAL MONITORING VENDOR R. NOT APPLICABLE S. TELECOMMUNICATIONS EQUIPMENT ROOM / MDF T. TELECOMMUNICATIONS DISTRIBUTION ROOM / IDF															

Autodesk Docs // 6406.24 - HCA - Lee's Summit Medical Center (LSMC) - IY23/MEP - LSNC-TEMP - ITCHEH - 023.rvt
5/21/2025 5:53:45 PM
A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.
Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternate schedule.



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Consultant:

WSP

WSP USA Buildings Inc. 203.300.0181

STATE OF MISSOURI
ARCHITECTURAL BOARD
NUMBER
PL-001770033

05/23/2025

WSP USA Buildings Inc. 203.300.0181

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MODULAR
INTERIM
KITCHEN
COMPLEX

HCA - LEE'S SUMMIT MEDICAL
CENTER
2100 SE BLUE PKWY, LEE'S
SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

AUTHORITY HAVING JURISDICTION'S PROJECT NO:
AHJ PROJECT-CASE NUMBER
AHJ PROJECT-CASE NUMBER 2
FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 05/23/25

SCALE: As indicated

DRAWN: Author

REVIEWED: Checker

JOB NUMBER: 6406.24.0001

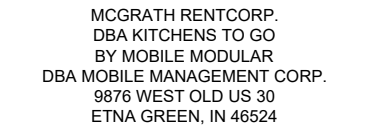
DETAILS - TECHNOLOGY

T07-01

Autodesk Docs // 6406.24 - HCA - Lee's Summit Medical Center (LSMC) - LV23/MEP - LSAC TEMP KITCHEN - 003.rvt 5/20/2025 3:51:45 PM

Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

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2100 SE Blue Pkwy
Lee's Summit, MO 64063

DELTA -		REV -	
Drawn By: MMS		Approved By: HB/RR	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	

Door Schedule & Egress Plan

G-003

TAG	DOOR TYPE	DOORS						FRAMES			HARDWARE GROUP	FIRE RATING	COMMENTS
		DIMENSIONS			MATERIALS			FRAME TYPE	FRAME MATERIAL	FRAME FINISH			
		WIDTH	HEIGHT	THK.	PANEL MATERIAL	PANEL FINISH	DOOR GLAZING						
D101	TYPE A	6'-0"	7'-0"	1'-3/4"	IHM	PA	N/A	TYPE A	HM	PA	—	45Min.	FOR DOOR HARDWARE SEE DOOR CRITERIA
D102	TYPE A	6'-0"	7'-0"	1'-3/4"	IHM	PA	N/A	TYPE A	HM	PA	—	45Min.	FOR DOOR HARDWARE SEE DOOR CRITERIA
D103	TYPE A	6'-0"	7'-0"	1'-3/4"	IHM	PA	N/A	TYPE A	HM	PA	—	N/A	FOR DOOR HARDWARE SEE DOOR CRITERIA
D104	TYPE A	6'-0"	7'-0"	1'-3/4"	IHM	PA	N/A	TYPE A	HM	PA	—	N/A	FOR DOOR HARDWARE SEE DOOR CRITERIA
D105	TYPE A	3'-0"	6'-8"	1'-1/2"	IHM	PA	N/A	TYPE A	HM	PA	—	N/A	INTERIOR DOOR



ABBREVIATIONS	
ABBREVIATIONS	DESCRIPTION
AL	ALUMINUM
GL	GLAZING
HM	HOLLOW METAL
IHM	INSULATED HOLLOW METAL
IPSF	INSULATED PRESSED STEEL FRAME
ML	METAL
PA	PAINT
PO	PRIMER ONLY
PP	PUSH/PULL
PRE	PREFINISHED
PREM	PREMANUFACTURED
PSF	PRESS STEEL FRAME
SS	STAINLESS STEEL
W	WOOD
WF	WIDE-FLANGE

D101 DOOR NUMBER


$$3/32'' = 1'-0''$$

EXIT ACCESS TRAVEL DISTANCE
A-2 OCCUPANCY = 250 FT.(SPRINKLERED)
(IBC 2021) TABLE 1017.2

NOTE:
ACCESSIBLE RAMPS, PLATFORMS,
STAIRS, HANDRAILS AND GENERAL ACCESS
TO THE BUILDING BY GC ON SITE.

**MISSOURI
PUBLIC SERVICE
COMMISSION**

APPROVED

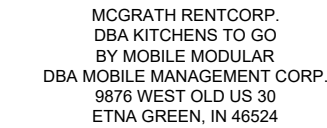
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**MANUFACTURED
HOUSING**

SUBMITTAL SET

4/11/2025 1:04:05 PM

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**FDBY LEE'S SUMMIT
MEDICAL CENTER**

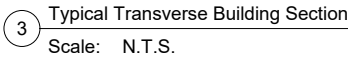
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DELTA -	REV -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

Typical 2A & 5B Construction Types Site Plan

G-004



KTG MODULAR UNIT TYPICAL TYPE 5B CONSTRUCTION
(SEE KEYNOTES)

ROOF ASSEMBLY		
E1	RAFTERS:	2 x 10 (62 SFI), UNTAPERED
E3	SIDE WALL BEAM:	C10"x 20" x CHANNEL
E4	CEILING	SUSPENDED (T-GRID) W/ 2" x 4" LAY-IN TILE
E5	TRUE CEILING	(1) LAYER 5/8" TYPE "X" UNFINISHED GYP. BD
E6	INSULATION	R-30 KRAFT FACED (R-19 OVER R-11)
E7	SHEATHING:	5/8" EXTERIOR GRADE PLYWOOD - B-C or B-D (RATED 40/20)
E8	ROOFING	SEE FINISH SCHEDULE
E11	VENTS	AURA VENT SYSTEM

**MISSOURI
PUBLIC SERVICE
COMMISSION**

APPROVED

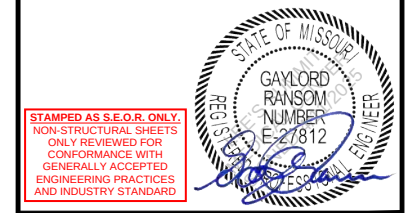
06/12/2025

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HOUSING**

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T.R. ARNOLD & ASSOCIATES, INC.
4703 Chester Drive
Elkhart, IN 46516
 State(s) Missouri
Accredited Evaluation and
Inspection Agency
 This document is certified as being in conformance
 with State Building Codes.
 Date May 13, 2025
 Approval of this document does not authorize or approve
 any omission or deviation from the requirements of
 applicable State Laws.

2100 SE Blue Pkwy
Lee's Summit, MO 64063

[illegible]

REV.	DATE	DESCRIPTION	NAME
------	------	-------------	------

DELTA -	REV -
---------	-------

Drawn By:	Approved By:
MMC	

MMS	---
QUOTE NUMBER	UNIT NUMBER

L24-050	M820, M821, M681, M682
11x17 SCALE: 1/32"=1'-0"	

22x34 SCALE: 1/16"=1'-0"

Site Plan

Sheet **A 101**

A-101



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2100 SE Blue Pkwy
Lee's Summit, MO 64063

[illegible]

REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: ---
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QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682
-------------------------	---------------------------------------

11x17 SCALE: 1/16"=1'-0"
22x34 SCALE: 1/8"=1'-0"

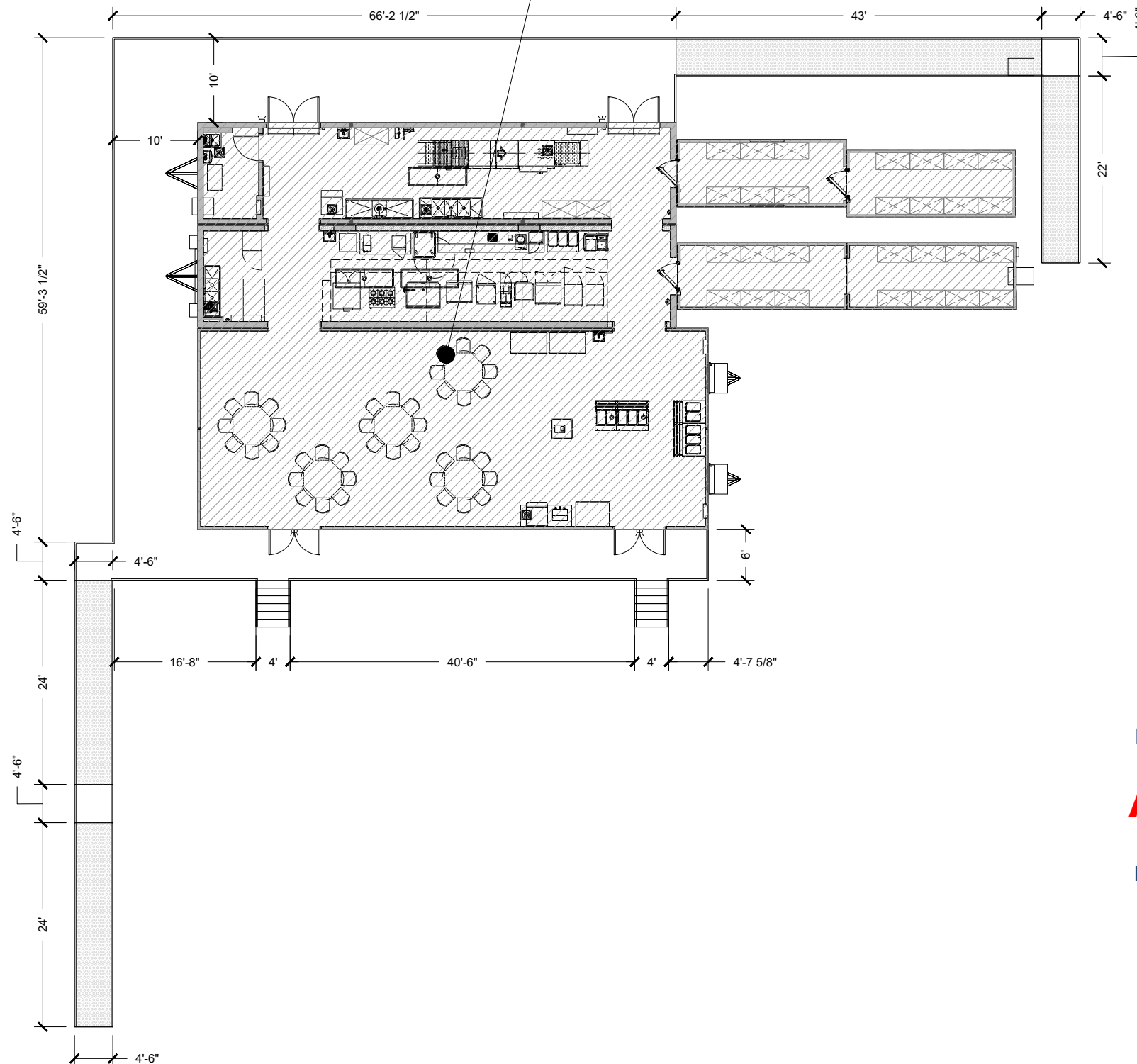
Ramps Stairs & Platforms Plan

Sheet

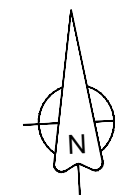
A-102

NOTE:
ADA COMPLIANT RAMPS, STAIRS, PLATFORMS,
HANDRAILS AND GENERAL ACCESS TO THE
BUILDING BY KTG ON SITE.

PROPOSED MODULAR
INTERIM KITCHEN
COMPLEX BY KTG.



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PUBLIC SERVICE
COMMISSION
APPROVED
06/12/2025
MANUFACTURED
HOUSING**

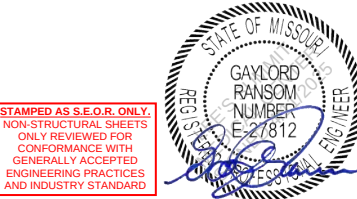


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SUBMITTAL SET

131 WEST JEFFERSON AVE
SUITE 223
NAPERVILLE, IL. 60540
630-355-1660
www.kitchenstogo.com

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DBA KITCHENS TO GO
BY MOBILE MODULAR
DBA MOBILE MANAGEMENT CORP
9876 WEST OLD US 30
ETNA GREEN, IN 46524

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4703 Chester Drive
Elkhart, IN 46516
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**FDBY LEE'S SUMMIT
MEDICAL CENTER**

2100 SE Blue Pkwy
Lee's Summit, MO 640

REV.	DATE	DESCRIPTION	NAME
------	------	-------------	------

DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: 1/8"=1'-0"
22x34 SCALE: 1/4"=1'-0"

Interior Floor Plan & Equipment List

Sheet

I-101A

CS = CLIENT SUPPLIED EQUIPMENT

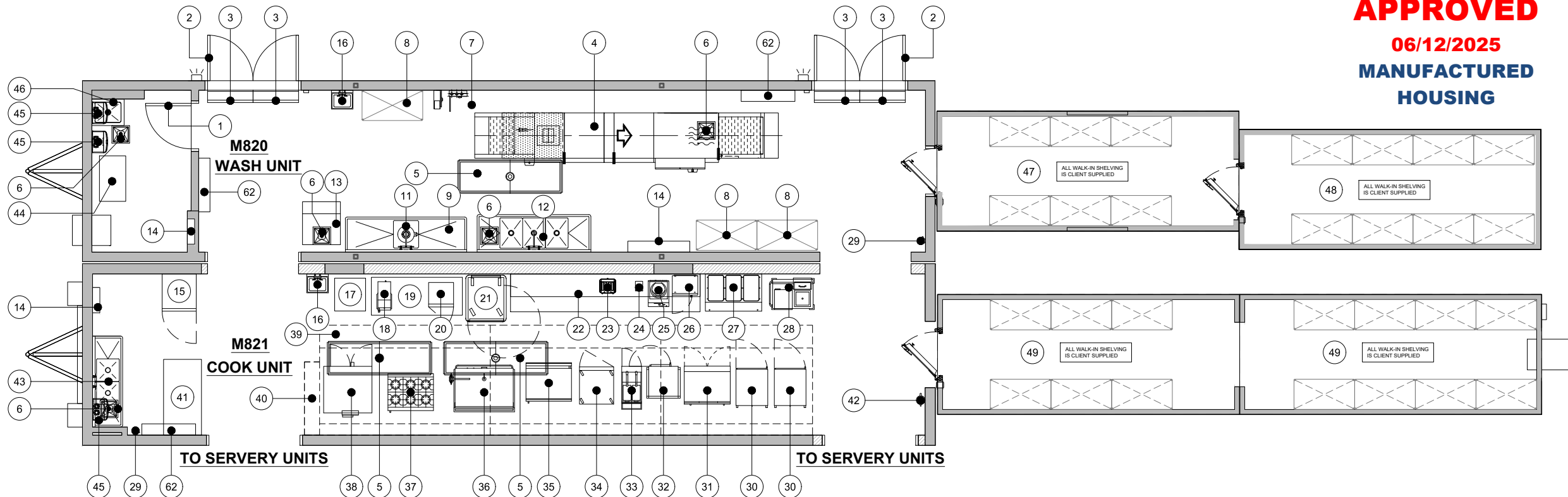
ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS
1	36" Interior Door	X		23	Toaster		X	45	Water Heater	X	
2	72" Entry Door	X		24	Ticket Printer		X	46	Mop Sink	X	
3	36" Air Curtain	X		25	Induction Heat Activator		X	47	8' x 20' Walk-In Cooler	X	
4	Flight Type Dish Machine	X		26	Microwave		X	48	8' x 20' Walk-In Freezer	X	
5	Trench Drain	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
9	1 Compartment Sink	X		31	Work Top Refrigerator	X		53	Modular Cashier Unit	X	
10	Not Used			32	Dual Stack Convection Steamer	X		54	Hot Food Serving Counter - 3 Well	X	
11	Garbage Disposal	X		33	Fryer	X		55	Hot Food Serving Counter - 2 Well	X	
12	3 Compartment Sink	X		34	Reach-In Freezer	X		56	Cold Food Serving Counter - 3 Well	X	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	X		57	Cold Food Serving Counter - 2 Well	X	
14	Electrical Panel	X		36	48" Tilt Skillet	X		58	Double Door Beverage Cooler		X
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		X
16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18	Coffee Brewer		X	40	Fire Suppression System	X		62	HVAC Unit	X	
19	Stainless Steel Work Table With Undershelf (30"X72")	X		41	Stainless Steel Work Table With Undershelf (30"X60")	X		63	Floor Sink, Covered & Sealed	X	
20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershelf And Overshelf (30"X150")		X	44	Booster Heater	X					

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06/12/2025

MANUFACTURED HOUSING



NOTE:
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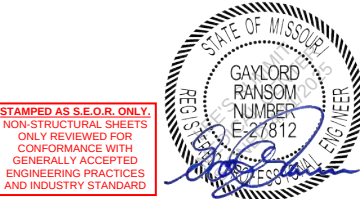
WALL LEGEND

-  2X6 EXISTING EXTERIOR WALL
 2X6 NON-STRUCTURAL INFILL WALL
 2X4 EXISTING INTERIOR WALL

SUBMITTAL SET

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**FDBY LEE'S SUMMIT
MEDICAL CENTER**

2100 SE Blue Pkwy
Lee's Summit, MO 640

[illegible]

REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: 1/8"=1'-0"
22x34 SCALE: 1/4"=1'-0"

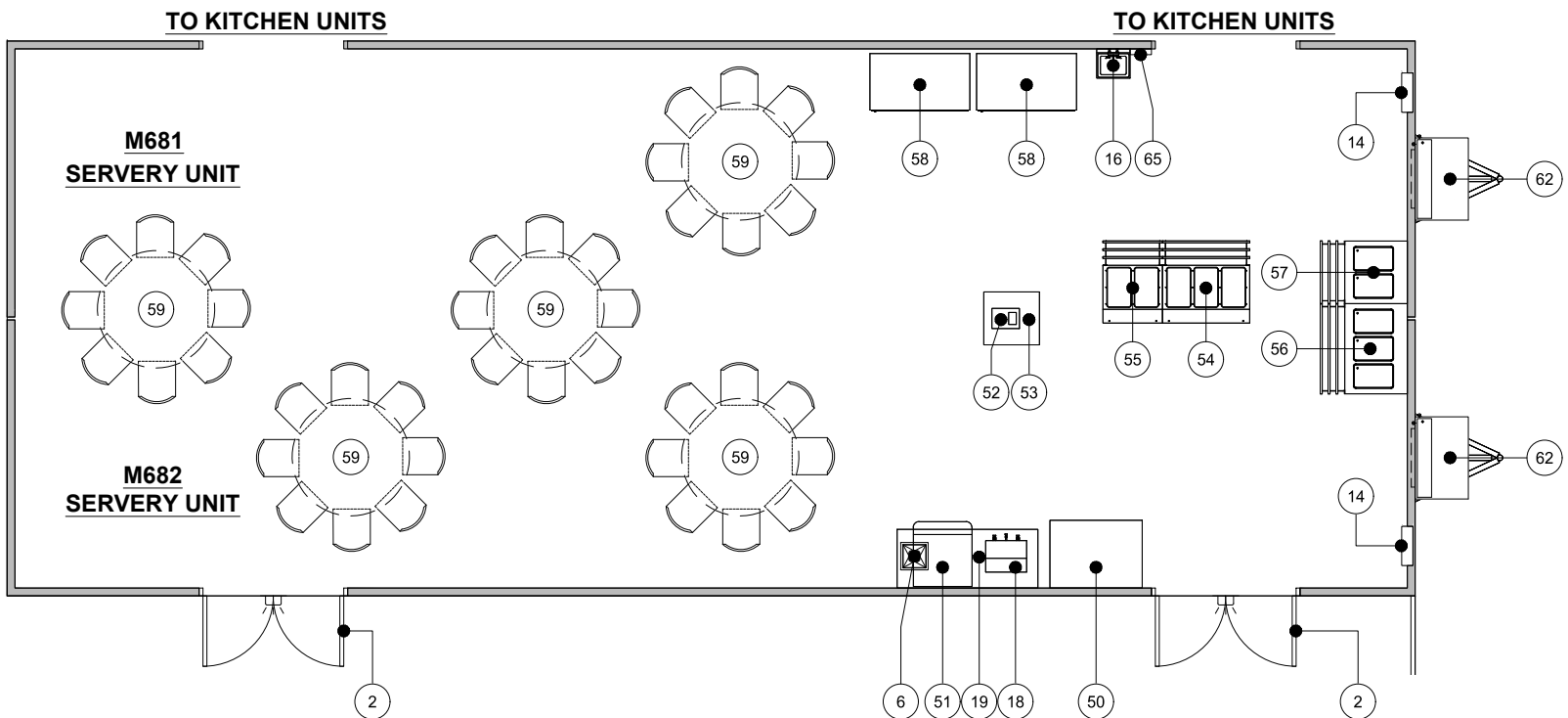
Interior Floor Plan & Equipment List

Sheet

I-101B

CS = CLIENT SUPPLIED EQUIPMENT

ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS
1	36" Interior Door	X		23	Toaster		X	45	Water Heater	X	
2	72" Entry Door	X		24	Ticket Printer		X	46	Mop Sink	X	
3	36" Air Curtain	X		25	Induction Heat Activator		X	47	8' x 20' Walk-In Cooler	X	
4	Flight Type Dish Machine	X		26	Microwave		X	48	8' x 20' Walk-In Freezer	X	
5	Trench Drain	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
9	1 Compartment Sink	X		31	Work Top Refrigerator	X		53	Modular Cashier Unit	X	
10	Not Used			32	Dual Stack Convection Steamer	X		54	Hot Food Serving Counter - 3 Well	X	
11	Garbage Disposal	X		33	Fryer	X		55	Hot Food Serving Counter - 2 Well	X	
12	3 Compartment Sink	X		34	Reach-In Freezer	X		56	Cold Food Serving Counter - 3 Well	X	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	X		57	Cold Food Serving Counter - 2 Well	X	
14	Electrical Panel	X		36	48" Tilt Skillet	X		58	Double Door Beverage Cooler		X
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		X
16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18	Coffee Brewer		X	40	Fire Suppression System	X		62	HVAC Unit	X	
19	Stainless Steel Work Table With Undershelf (30"X72")	X		41	Stainless Steel Work Table With Undershelf (30"X60")	X		63	Floor Sink, Covered & Sealed	X	
20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershelf And Overshelf (30"X150")		X	44	Booster Heater	X					



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06/12/2025
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HOUSING**

NOTE:
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HANDRAILS AND GENERAL ACCESS TO THE
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**FDBY LEE'S SUMMIT
MEDICAL CENTER**

2100 SE Blue Pkwy
Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME
------	------	-------------	------

DELTA -	REV -
---------	-------

Drawn By: MMS	Approved By: -
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: 1/8"=1'-0"
22x34 SCALE: 1/4"=1'-0"

Reflected Ceiling Plan

Sheet

I-102

4/11/2025 1:04:10 PM

SUBMITTAL SET

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PUBLIC SERVICE
COMMISSION**

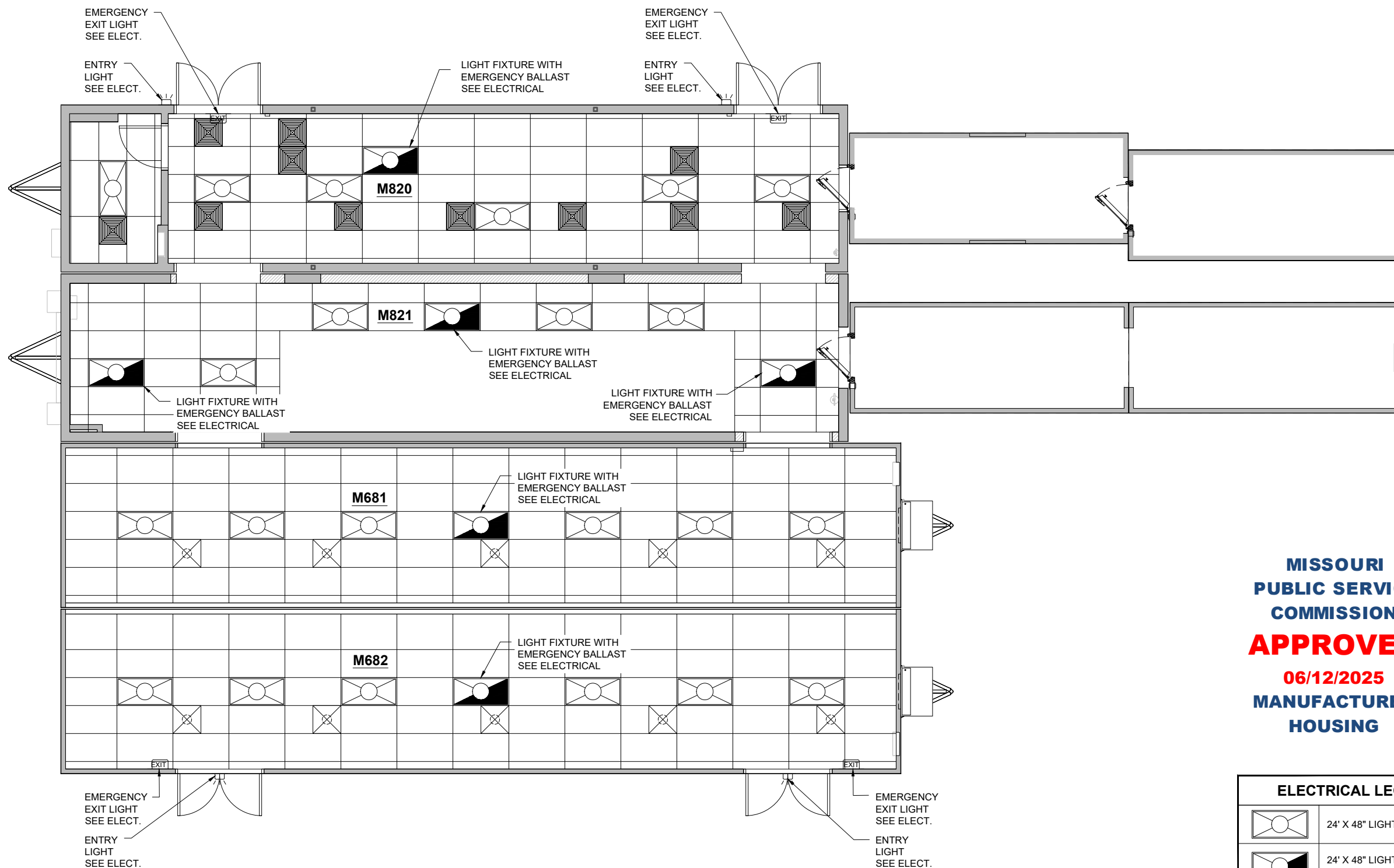
APPROVED

06/12/2025

**MANUFACTURED
HOUSING**

ELECTRICAL LEGEND	
	24" X 48" LIGHT FIXTURE
	24" X 48" LIGHT FIXTURE WITH EMERGENCY BALLAST
	EXT. ENTRY LIGHT
	EMERGENCY EXIT LIGHT
	VAPOR PROOF LIGHT/ HOOD LIGHT

NOTE:
ADA COMPLIANT RAMPS, STAIRS, PLATFORMS,
HANDRAILS AND GENERAL ACCESS TO THE
BUILDING BY KTG ON SITE.



MEP LOADS										
P.O.C.	UNIT	PHASE	VOLTS	PANEL SIZE	MAIN BREAKER SIZE	ESTIMATED LOAD (AMPS)	NATURAL GAS		WATER POC	WASTE POC
							BTU/H	POC		
1	Cook (M621)	3	120/208	200	200	137	931,900	2-1/2"	1"	See note 9
2	MUA 1	3	120/208				213,310	1"		1" see note 4
3	MUA 2	3	120/208				478,859	1"		1" see note 4
4	Dist. Panel for MUA1 & MUA 2	3	120/208	200 (See note 7&8)	200	107				
5	Wash (M620)	3	120/208	400	400	271	743,000	1-1/2"	1-1/2"	See note 9
6	Walk-in Freezer	1	120/208		40	32				3/4" see note 4
7	Walk-in Cooler	1	120/208		40	32				3/4" see note 4
8	Dry Storage	1	120/208		30	24				3/4" see note 4
9	Serving (M681)	3	120/208	200	200	95				3/4" see note 4
10	Dining (M682)	3	120/208	200	200	90				3/4" see note 4
TOTAL						788	2,387,069			
KEY NOTES										
1	Client to provide a water pressure regulator to deliver minimum 35 PSI to maximum 60 PSI, and a back flow preventer.									
2	Client to provided soft water. Any water supply with over 3 grains per gallon is considered hard water and requires conditioning.									
3	Client shall provide and install a grease trap.									
4	Condensate drains to be indirectly connected to drywell or storm sewer by G.C. or their plumbing contractor.									
5	Sprinkler system, if required, not included in above. Client to provide riser, valve, alarm and connection to each module.									
6	Client to provide a gas pressure regulator to deliver (10" for Natural gas or 13" for Propane gas) of water column of pressure to the point of connection.									
7	Electrical point of connection for MUA 1 , MUA 2 & Condensing units on the roof by G.C. or their electrical contractor.									
8	Installation of Dist. Panel and connection to MUA 1 & 2 condensing units on the roof by G.C. or their electrical contractor, location to be approved by KTG.									
9	Multiple plumbing fixtures and waste vents stub-outs under the units floor. All waste connections to be connected by G.C.									
10	Electrical point of connection for exhaust fans and HVAC on the roof by G.C. or their electrical contractor.									
11	Electrical point of connection for Walk-in Cooler, Walk-in Freezer and Dry Storage by G.C. or their electrical contractor.									
12	Gas point of connection for make up air units and HVAC units on the roof by G.C. or their plumbing contractor.									
13	Temporary connection between both exterior j-boxes to feed the UDS from the interior electrical panel (for gas/electric projects).									
	These are estimations only, requirements may change per project specifics. Data, Phone, Security and Fire Alarm by others									

PROPANE PROJECT

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COMMISSION

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HOUSING

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KITCHENS TO GO

Development Services Department
Lee's Summit, Missouri
07/29/2025

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630-355-1660
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STATE OF MISSOURI
RECEIVED
GAYLORD RANSOM
NUMBER E-27812
REGISTERED PROFESSIONAL ENGINEER

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NON-STRUCTURAL SHEETS
ONLY REVIEWED FOR
CONFORMANCE WITH
GENERALLY ACCEPTED
ENGINEERING PRACTICES
AND INDUSTRY STANDARD

MCGRATH RENTCORP.
DBA KITCHENS TO GO
BY MOBILE MODULAR
DBA MOBILE MANAGEMENT CORP.
9876 WEST OLD US 30
ETNA GREEN, IN 46524

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Missouri
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MEDICAL CENTER

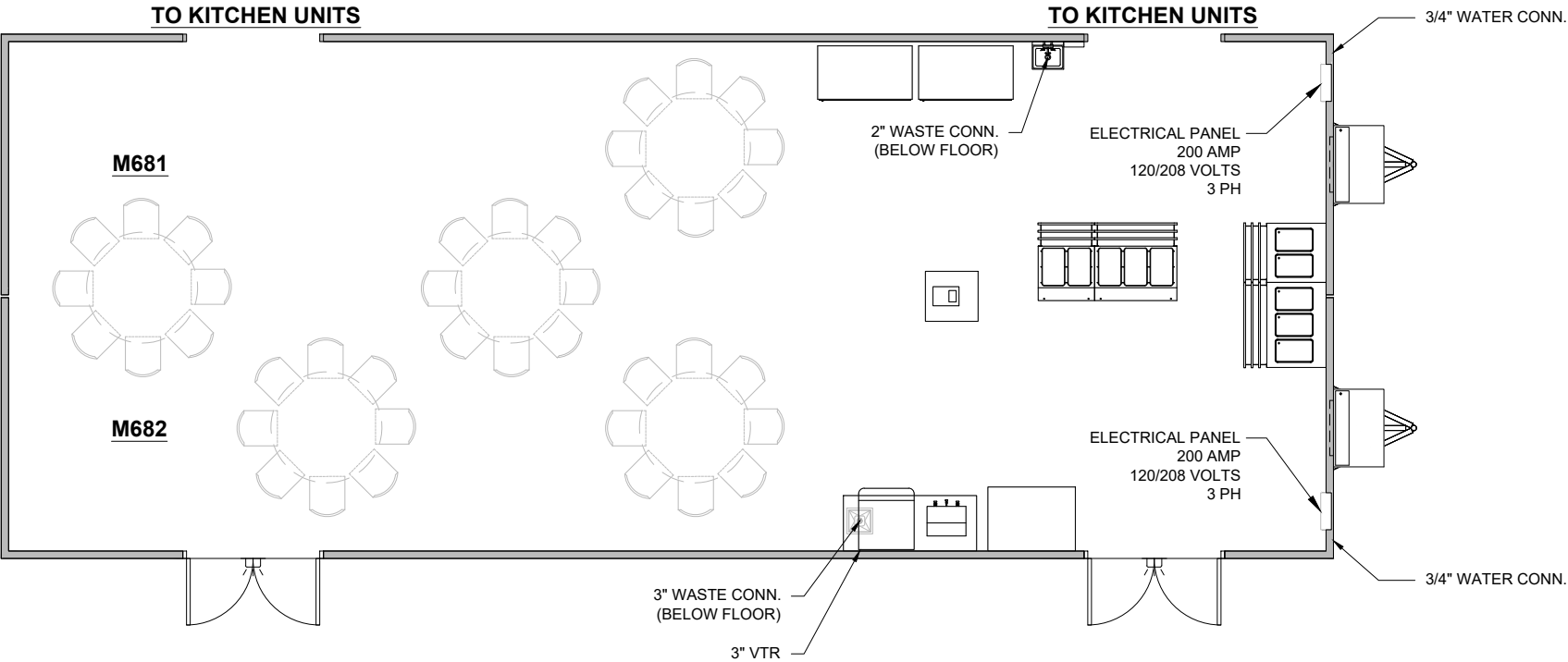
2100 SE Blue Pkwy
Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE:		1/8"=1'-0"	
22x34 SCALE:		1/4"=1'-0"	

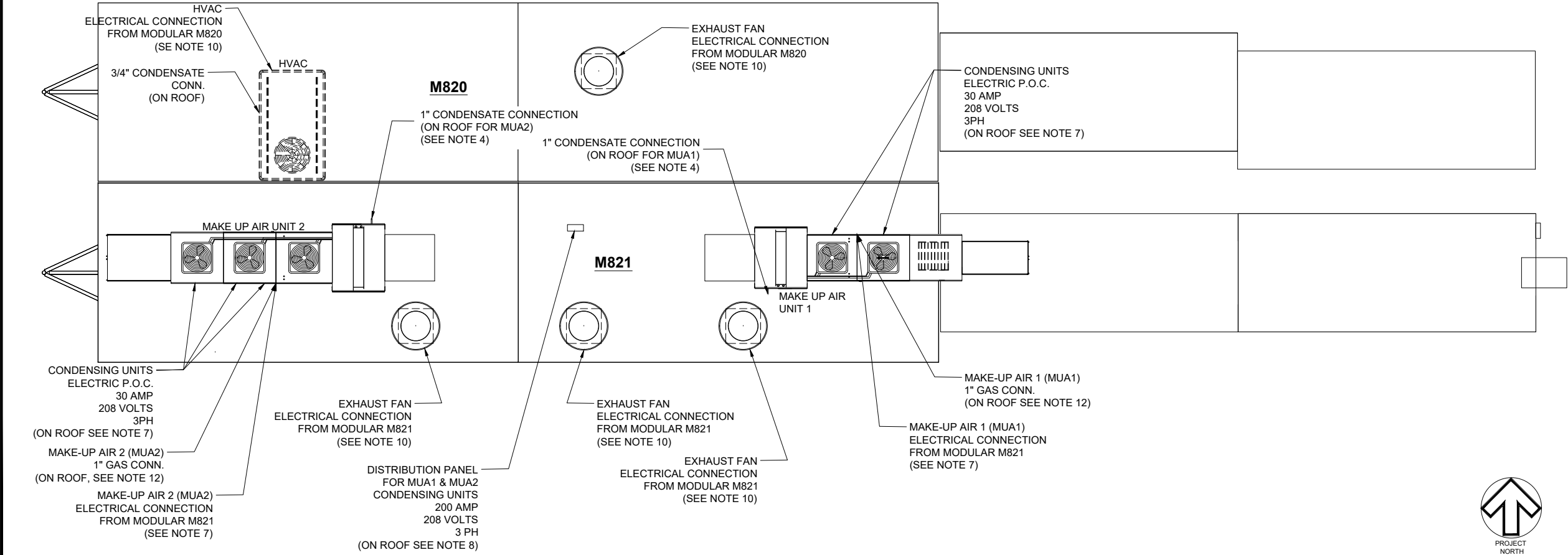
Servery Complex Utilities
Floor Plan

Sheet

A-103B



MEP LOADS										
P.O.C.	UNIT	PHASE	VOLTS	PANEL SIZE	MAIN BREAKER SIZE	ESTIMATED LOAD (AMPS)	NATURAL GAS		WATER POC	WASTE POC
							BTU/H	POC		
1	Cook (M821)	3	120/208	200	200	137	931,900	2-1/2"	1"	See note 9
2	MUA 1	3	120/208				213,310	1"		1" see note 4
3	MUA 2	3	120/208				478,859	1"		1" see note 4
4	Dist. Panel for MUA1 & MUA 2	3	120/208	200 (See note 7&8)	200	107				
5	Wash (M820)	3	120/208	400	400	271	743,000	1-1/2"	1-1/2"	See note 9
6	Walk-in Freezer	1	120/208		40	32				3/4" see note 4
7	Walk-in Cooler	1	120/208		40	32				3/4" see note 4
8	Dry Storage	1	120/208		30	24				3/4" see note 4
9	Serving (M681)	3	120/208	200	200	95				3/4" see note 4
10	Dining (M682)	3	120/208	200	200	90				3/4" see note 4
TOTAL						788	2,387,069			
KEY NOTES										
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2	Client to provided soft water. Any water supply with over 3 grains per gallon is considered hard water and requires conditioning.									
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4	Condensate drains to be indirectly connected to drywell or storm sewer by G.C. or their plumbing contractor.									
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	These are estimations only, requirements may change per project specifics. Data, Phone, Security and Fire Alarm by others									



PROPANE PROJECT

MISSOURI
PUBLIC SERVICE
COMMISSION
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06/12/2025
MANUFACTURED
HOUSING

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4703 Chester Drive
Elkhart, IN 46516
Missouri
State: _____
Accredited Evaluation and
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MEDICAL CENTER

2100 SE Blue Pkwy
Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: 1/8"=1'-0" 22x34 SCALE: 1/4"=1'-0"			
Kitchen Complex Utilities Roof Plan			
Sheet			

A-103C

KITCHENS TO GO®
Development Services Department
Lee's Summit, Missouri
07/29/2025
We Keep You Cooking!

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06/12/2025

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11x17 SCALE: $1/8"=1'-0"$
22x34 SCALE: $1/4"=1'-0"$

A-103D

SUBMITTAL SET

The diagram shows a floor plan of a kitchen area. It consists of two rectangular units, M681 and M682, stacked vertically. Unit M681 is the top unit, and unit M682 is the bottom unit. A door is located at the top right of unit M681, labeled "TO KITCHEN UNITS". A sink is located at the bottom right of unit M682, labeled "SINK". The units are separated by a horizontal line. The entire area is enclosed by a thick black border.

PROPANE PROJECT

TO KITCHEN UNITS

TO KITCHEN UNITS

M681

← 1/4" SLOPE

$\frac{1/4''}{\text{SLOPE}}$

M682

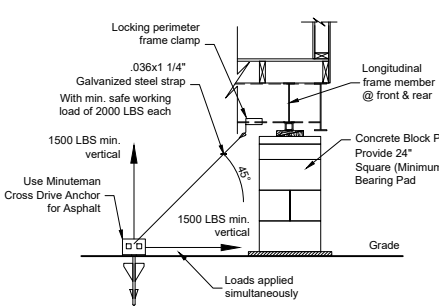
← $\frac{1}{4}"$
SLOPE

$\frac{1/4''}{\text{SLOPE}} \rightarrow$

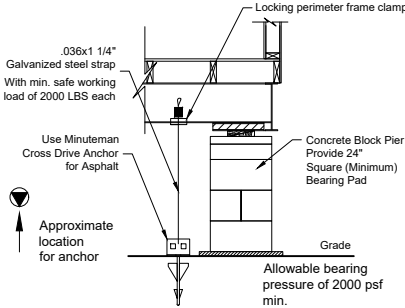


APPROXIMATE DEAD LOADS		
MARK	DESCRIPTION	WEIGHT (lbs)
1	COOK MODULE (M821)	58,000
2	WASH MODULE (M820)	45,000
3	SERVERY MODULE (M681)	40,000
4	SERVERY MODULE (M682)	40,000
5	WALK-IN COOLER	2,400
6	WALK-IN FREEZER	2,400
7	WALK-IN DRY STORAGE	4,800

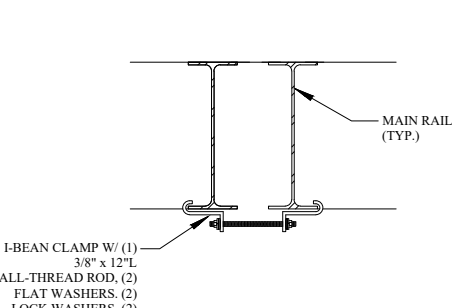
- MINUTEMAN CROSS DRIVE ANCHOR INSTALLATION INSTRUCTIONS:
1. DRILL A VERTICAL 5/8" DIAMETER HOLE A MINIMUM OF 5 1/2" DEEP INTO THE ASPHALT AT CENTER OF ANCHOR LOCATION FOR PILOT STUD.
 2. INSERT PILOT STUD AND ANCHOR BRACKET INTO HOLE. NOTE: DISTANCE FROM BRACKET BOTTOM TO ASPHALT SURFACE SHOULD NOT EXCEED 1".
 3. DRILL TWO 3/4" DIAMETER HOLES INTO THE ASPHALT AT 45 DEGREE ANGLES, USING THE ANCHOR HEAD AS A LOCATION GUIDE.
 4. DRIVE ROD A MINIMUM OF 80% OF ITS OVERALL LENGTH TO DEVELOP REQUIRED PULLOUT RESISTANCE.
 5. PLACE SECOND ROD THROUGH REMAINING TUBE AND DRIVE TO 80% OF ITS OVERALL LENGTH TO DEVELOP REQUIRED PULLOUT RESISTANCE.
 6. CONFIRM DISTANCE FROM BRACKET BOTTOM TO ASPHALT SURFACE DOES NOT EXCEED 1"
 7. MATELINE BEAM CLAMPS NOT TO EXCEED 15' SEPARATION.



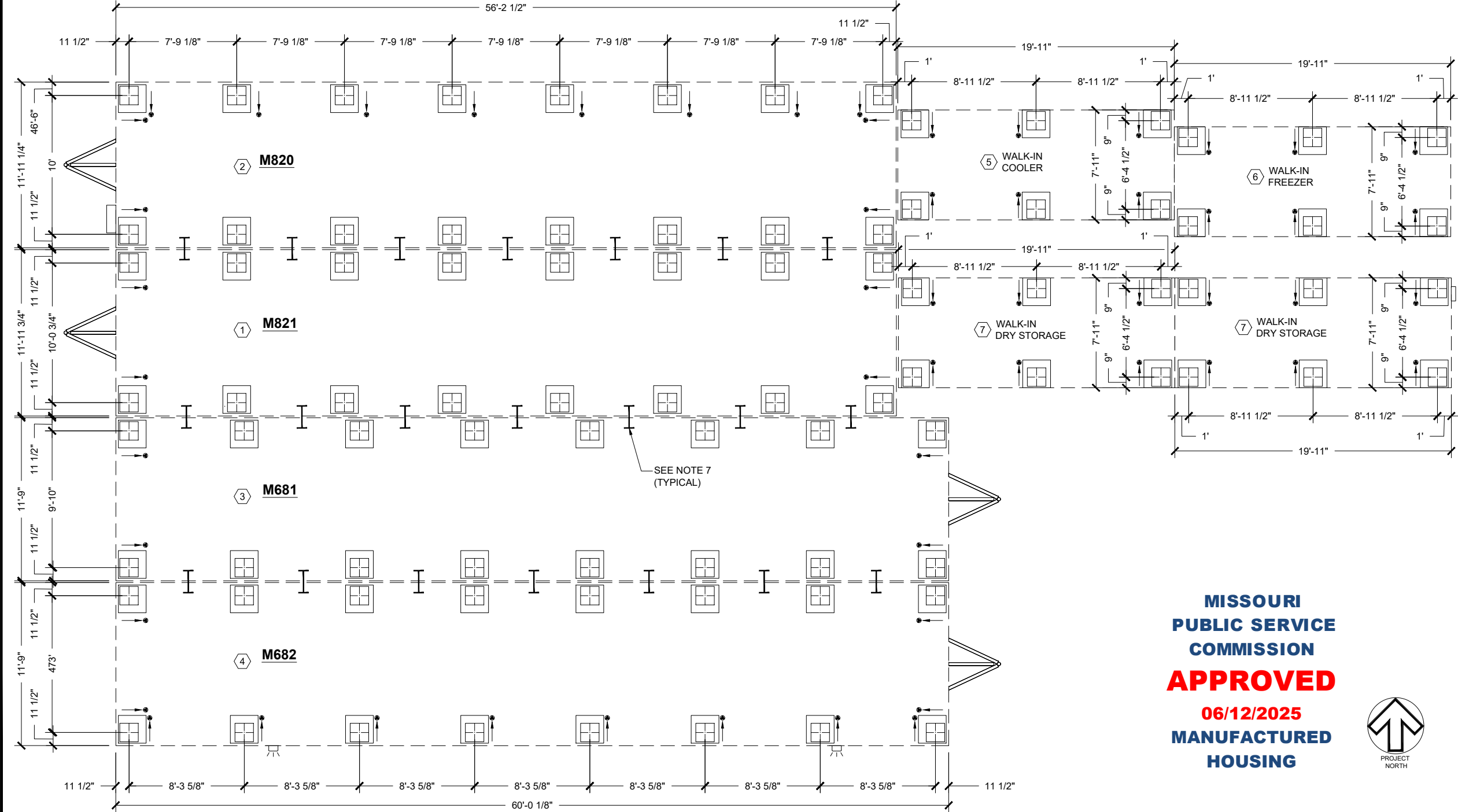
Pier Detail
(Standard)
(NTS)



Pier Detail
(Option #1)
(NTS)



Clamp Detail
(Standard)
(NTS)



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Missouri
Accredited Evaluation and
Inspection Agency
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Date May 13, 2025
Approval of this document does not authorize or approve
any omission or deviation from the requirements of
applicable State Law.

SUBMITTAL SET

REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: 1/8"=1'-0" 22x34 SCALE: 1/4"=1'-0"			
Pier Plan			
Sheet			

A-104

KITCHENS TO GO®
Development Services Department
Lee's Summit, Missouri
07/29/2025
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ETNA GREEN, IN 46524

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MEDICAL CENTER

2100 SE Blue Pkwy
Lee's Summit, MO 64063

LEE'S SUMMIT MEDICAL CENTER SERVERY - M681

DRAWING INDEX					
SHEET NO.	SHEET CREATED	DESCRIPTION	REV. NUMBER	REV. DATE	REV. NOTE
(M681) G-001		Cover Sheet & Drawing Index			
(M681) I-101		Interior Floor Plan and Equipment List			
(M681) E-101		Electrical Floor Plan Schematic			
(M681) E-601		Electrical Panel Schedule(S)			
(M681) M-101		HVAC Ducting Plan			
(M681) P-601		Fresh Water Plumbing Schematic			
(M681) P-602		Waste Water Plumbing Schematic			

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REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: N/A 22x34 SCALE: N/A			

Cover Sheet & Drawing Index

Sheet
(M681) G-001

4/8/2025 1:35:40 PM

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Development Services Department
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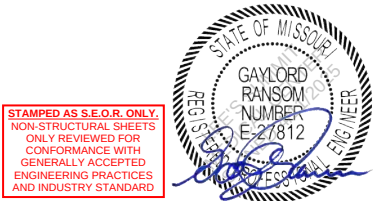
STATE OF MISSOURI
GAYLORD RANSOM
NUMBER E-27812
Professional Engineer

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[illegible]

REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: $\frac{3}{16}''=1'-0''$
22x34 SCALE: $\frac{3}{8}''=1'-0''$

Interior Floor Plan And Equipment List

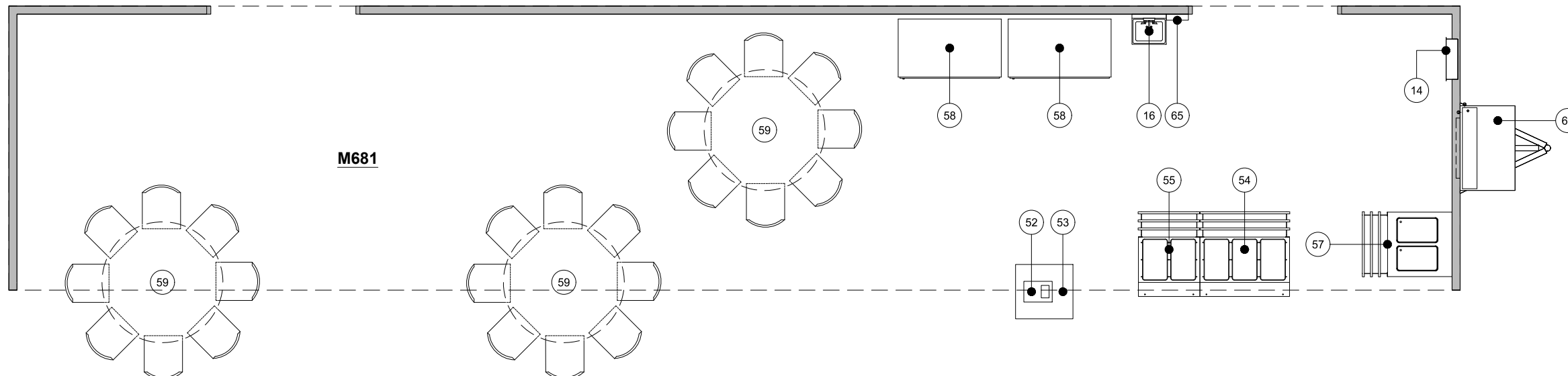
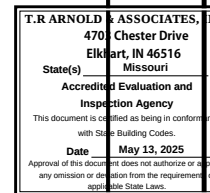
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(M681) I-101

CS = CLIENT SUPPLIED EQUIPMENT

ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS
1	36" Interior Door	X		23	Toaster		X	45	Water Heater	X	
2	72" Entry Door	X		24	Ticket Printer		X	46	Mop Sink	X	
3	36" Air Curtain	X		25	Induction Heat Activator		X	47	8' x 20' Walk-In Cooler	X	
4	Flight Type Dish Machine	X		26	Microwave		X	48	8' x 20' Walk-In Freezer	X	
5	Trench Drain	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
9	1 Compartment Sink	X		31	Work Top Refrigerator	X		53	Modular Cashier Unit	X	
10	Not Used			32	Dual Stack Convection Steamer	X		54	Hot Food Serving Counter - 3 Well	X	
11	Garbage Disposal	X		33	Fryer	X		55	Hot Food Serving Counter - 2 Well	X	
12	3 Compartment Sink	X		34	Reach-In Freezer	X		56	Cold Food Serving Counter - 3 Well	X	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	X		57	Cold Food Serving Counter - 2 Well	X	
14	Electrical Panel	X		36	48" Tilt Skillet	X		58	Double Door Beverage Cooler		X
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		X
16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18	Coffee Brewer		X	40	Fire Suppression System	X		62	HVAC Unit	X	
19	Stainless Steel Work Table With Undershelf (30"x72")	X		41	Stainless Steel Work Table With Undershelf (30"x60")	X		63	Floor Sink, Covered & Sealed	X	
20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershelf And Overshelf (30"x150")		X	44	Booster Heater	X					

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NOTES:

- CONDUIT FROM ELECTRICAL PANEL TO EQUIPMENT JUNCTION BOX TO BE RUN INSIDE WALLS, CEILING OR UNDER FLOOR WHERE POSSIBLE.
- ALUMINUM RACEWAY TO BE USED WHEN TRANSITION FROM ELECTRICAL PANEL TO JUNCTION BOX OR JUNCTION BOX TO JUNCTION BOX DOES NOT PERMIT RECESSED CONDUIT.
- WHEN RECESSED JUNCTION BOX IS NOT POSSIBLE, USE A SURFACE MOUNTED ALUMINUM WATER TIGHT JUNCTION BOX.
- ALL VERTICAL DIMENSIONS ARE FROM FINISH FLOOR. ALL HORIZONTAL DIMENSIONS ARE FROM INSIDE FINISH WALL.
- WIRING ABOVE SUSPENDED CEILINGS SHALL BE AC CABLE OR SIMILAR. NM CABLE MAY NOT BE USED ABOVE SUSPENDED CEILINGS.
- NOT USED.
- ALL 120 VOLTS, 15 AND 20 AMP RECEPTACLES TO BE GFCI PROTECTED.
- THE LIGHT INTENSITY SHALL BE AT LEAST 50 FOOT-CANDLES ON ALL FOOD PREPARATION SURFACES AND AT EQUIPMENT OR UTENSIL-WASHING WORK LEVELS.
- THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES AT A DISTANCE OF 30" ABOVE THE FLOOR IN THE FOLLOWING:
 - UTENSIL AND EQUIPMENT STORAGE AREAS.
 - SINKS AND TOILET AREAS.
 - WALK-IN REFRIGERATION UNITS.
 - DRY FOOD STORAGE AREAS.
 - ALL OTHER AREAS.THIS INCLUDES THE AREAS WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE, SUCH AS BUFFETS AND SALAD BARS, AND ROOMS DURING PERIODS OF CLEANING.
- THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES INSIDE EQUIPMENT, SUCH AS REACH-IN AND UNDER-COUNTER REFRIGERATORS.
- EXCEPT AS SPECIFIED IN NOTE 13, LIGHT BULBS SHALL BE SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS:
 - EXPOSED FOOD
 - CLEAN EQUIPMENT, UTENSILS, AND LINENS; OR
 - UNWRAPPED SINGLE-SERVICE AND SINGLE-USE ARTICLES.
- SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT BULBS NEED NOT BE USED ONLY FOR STORING FOOD IN UNOPENED PACKAGE IF THE:
 - INTEGRITY OF THE PACKAGES CANNOT BE AFFECTED BY BROKEN GLASS FALLING ONTO THEM; AND
 - PACKAGES ARE CAPABLE OF BEING CLEANED OF DEBRIS FROM BROKEN BULBS BEFORE THE PACKAGES ARE OPENED.
- AN INFRARED OR OTHER HEAT LAMP SHALL BE PROTECTED AGAINST BREAKAGE BY SHIELD SURROUNDING AND EXTENDING BEYOND THE BULB SO THAT ONLY THE FACE OF THE BULB IS EXPOSED.
- ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.
- CIRCUITS #C10, C24, AND C6 TO BE CORD DROPS.
- UDS CIRCUIT NUMBERS ARE USED AS A GUIDE ONLY TO LOCATE THE CIRCUITS AND TO CALCULATE THE ELECTRICAL LOAD FOR THE TWO UDS SECTIONS.
- ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED LTG. CIRCUIT PER NEC.
- ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER NEC.
- MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.
- PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.

ELECTRICAL SYMBOL LEGEND	
	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS
	EMERGENCY BATTERY BACKUP
	4' - 4 TUBE FLUORESCENT FIXTURE
	4' - 3 TUBE FLUORESCENT FIXTURE
	SINGLE OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - SURFACE MOUNTED
	FOURPLEX OUTLET - FLUSH MOUNTED
	FOURPLEX OUTLET - SURFACE MOUNTED
	HARDWIRE CONNECTION - FLUSH MOUNTED
	HARDWIRE CONNECTION - SURFACE MOUNTED
	208V OUTLET - FLUSH MOUNTED
	208V OUTLET - SURFACE MOUNTED
	EXHAUST FAN
	SWITCH - FLUSH MOUNTED
	SWITCH - SURFACE MOUNTED
	3-WAY SWITCH - FLUSH MOUNTED
	3-WAY SWITCH - SURFACE MOUNTED
	DENOTES CIRCUIT NUMBER (#8)
	EXT. SCENE LIGHT / ENTRY LIGHT
	VAPOR PROOF LIGHT/HOOD LIGHT
	EMERGENCY EXIT LIGHT

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FDBY LEE'S SUMMIT
MEDICAL CENTER

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Lee's Summit, MO 64063

SUBMITTAL SET

1	04-25-25	Per Deviation Report	MMS
REV.	DATE	DESCRIPTION	NAME

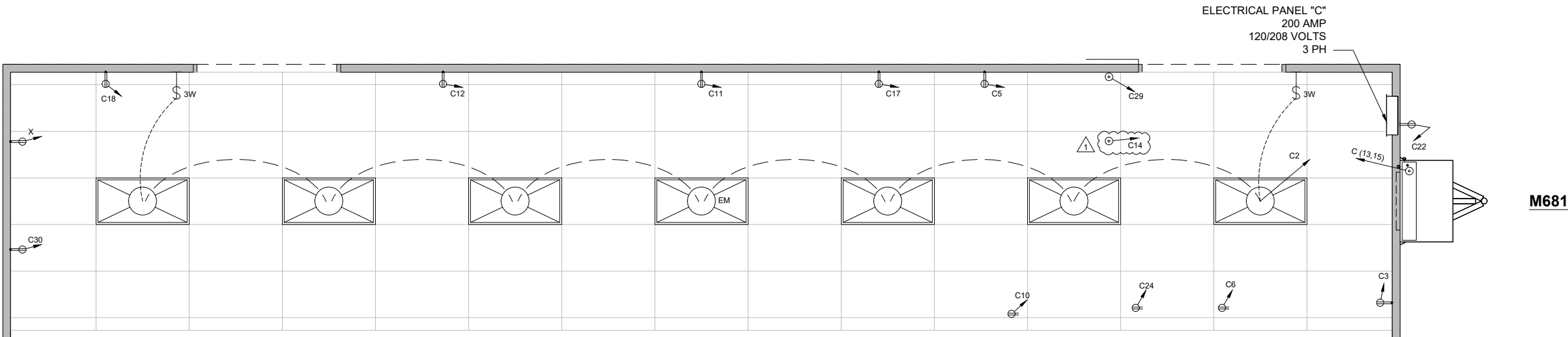
DELTA 1 | REV 1

Drawn By: MMS	Approved By: -
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: 3/8"=1'-0"
22x34 SCALE: 3/4"=1'-0"

Electrical Floor Plan
Schematic

Sheet
(M681) E-101



NOTES:

1. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE HOT DIPPED GALVANIZED, ALL FITTINGS SHALL BE OF THE SCREW THREAD TYPE. COUPLINGS, LOCKNUTS, BUSHINGS, ETC., SHALL BE HOT DIPPED GALVANIZED.
2. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED. COUPLINGS AND CONNECTORS SHALL BE GALVANIZED. FITTINGS SHALL BE COMPRESSION TYPE WITH GLAND SEALING RINGS OR SET SCREW TYPE.
3. FLEXIBLE CONDUIT SHALL BE GALVANIZED STEEL OR ALUMINUM. WHERE USED IN DAMP OR WET LOCATIONS FLEXIBLE CONDUIT SHALL BE OF THE LIQUID-TIGHT TYPE WITH OUTER NEOPRENE JACKET AND SUITABLE LIQUID-TIGHT FITTINGS.
4. WIRE AND CABLE FOR USE ON SYSTEMS OF 50 VOLTS TO 600 VOLTS SHALL BE 600 VOLT RATED TYPE THW OR THHN FOR BRANCH CIRCUITS. FEEDERS SHALL BE THHN (THWN IN WET LOCATIONS).
5. WIRE AND CABLE FOR USE ON SYSTEMS OF BELOW 50 VOLTS SHALL BE 300 VOLT PVC INSULATED AND SUITABLE FOR THE CLASS OF WIRING EXCEPT AS OTHERWISE INDICATED OR SPECIFIED.
6. ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE - 12GA THHN (THWN IN WET LOCATIONS)
7. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE USED WHERE EXPOSED TO THE WEATHER, PLACED UNDERGROUND BELOW CONCRETE SLAB, IN CONCRETE OR MASONRY CONSTRUCTION IN CONTACT WITH EARTH.
8. GALVANIZED STEEL ELECTRICAL METALLIC TUBING SHALL BE USED IN ABOVE GROUND, INTERIOR, DRY LOCATIONS PROTECTED FROM WEATHER AND PHYSICAL DAMAGE, AND MAY BE USED IN CONCRETE OR MASONRY CONSTRUCTION NOT IN CONTACT WITH EARTH.
9. FLEXIBLE METALLIC CONDUIT SHALL BE USED TO CONNECT CONDUIT SYSTEMS TO MOTORS, DIRECT WIRED AND VIBRATING EQUIPMENT AND AS A FINAL CONNECTION TO LIGHTING FIXTURES (6' MAX) IN ACCESSIBLE CEILINGS. IT MAY BE USED AS A WIRING SYSTEM INSTEAD OF EMT IN INTERIOR WALLS ONLY (DRY FRAME OR STUD CONSTRUCTION).
10. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

LEE SUMMIT MEDICAL CENTER																											
200 AMP						120/208VOLTS						4 WIRE				60HZ				3PH				M681 - C			
							PHASE																				
AWG	COLOR	ITEM	TYPE LOAD	P	AMPS	CIRC.	A		B		C		P	AMPS	CIRC.	TYPE LOAD	ITEM	AWG	COLOR								
12	B	SPACE	K	1	20	1	0	800					1	20	2	L	LIGHTS	12	B								
12	R	5 WELL COLD FOOD TABLE 57	K	1	20	3			1020	0					4		SPACE										
12	BL	BEVERAGE COOLER 1 58	K	1	20	5					1020	1500	1	20	6	K	3 WELL HOT FOOD TABLE 54	12	BL								
		SPACE				7	0	0							8		SPACE										
		SPACE				9			0	400			1	20	10	K	CASH REGISTER 52	12	R								
12	BL	RECEPT	R	1	20	11					1200	1200	1	20	12	R	RECEPT	12	BL								
4	B	HVAC 57/15KW	H	2	90	13	8840	600					1	20	14	CL	HEAT TAPE	12	B								
4	R	"	H	-	90	15			8840	0					16		SPACE										
12	BL	BEVERAGE COOLER 2 58	K	1	20	17					1020	1200	1	20	18	R	RECEPT	12	BL								
		SPACE				19	0	0							20		SPACE										
		SPACE				21			0	1200			1	20	22	R	SERVICE RECEPTACLE	12	R								
		SPACE				23					0	996			24	K	2 WELL HOT FOOD TABLE 55	12	BL								
		SPACE				25	0	0							26		SPACE										
		SPACE				27			0	0					28		SPACE										
12	BL	WATER HEATER	K	1	20	29					1800	1200	1	20	30	R	RECEPT	12	BL								
							8840	1400	9860	1600	5040	6096															
							10240		11460		11136																
							CONN. VA		DEMAND FACTOR		DEMAND VA		LOAD TYPE KEY:														
TOTAL KITCHEN LOAD							=	7756	X	0.8	6204.8		K = KITCHEN LOAD														
TOTAL LIGHTING LOAD							=	800	X	1.25	1000.0		L = LIGHTING LOAD														
TOTAL NON-CONT. LOAD							=	0	X	1	0.0		NC = NON-CONTINUOUS LOAD														
TOAL RECEPTACLE LOAD							=	6000	X	1	6000.0		R = RECEPTACLE LOAD														
TOTAL CONTINUOUS LOAD							=	600	X	1.25	750.0		CL = CONTINUOUS LOAD														
TOTAL HVAC LOAD							=	17680	X	1	17680.0		H = HVAC LOAD														
LARGEST MOTOR LOAD							=	0	X	1.25	0.0		LM = LARGEST MOTOR LOAD														
TOTAL MISC. LOAD							=	0	X	1	0.0		M = MISC.														
TOTAL VA PANEL "A"							=	32836			31634.8																
TOTAL VA							=	32836			31634.8																
TOAL AMPS							=	91.1			87.8																
							TOTAL=		32836	VA																	
							I =		91.1	AMPS																	

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Date May 13, 2025
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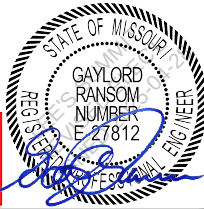
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SUBMITTAL SET

1	04-25-25	Per Deviation Report	MMS
REV.	DATE	DESCRIPTION	NAME

DELTA 1 | REV 1

Drawn By: MMS	Approved By: -
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: N/A
22x34 SCALE: N/A

Electrical Panel Schedule(S)

Sheet

(M681) E-601

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MEDICAL CENTER**

1000

2100 SE Blue Pkwy
Lee's Summit, MO 64063

[illegible]

REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: $\frac{3}{8}"=1'-0"$
22x34 SCALE: $\frac{3}{4}"=1'-0"$

HVAC Ducting Plan

Sheet 1 of 1

(M681) M-101

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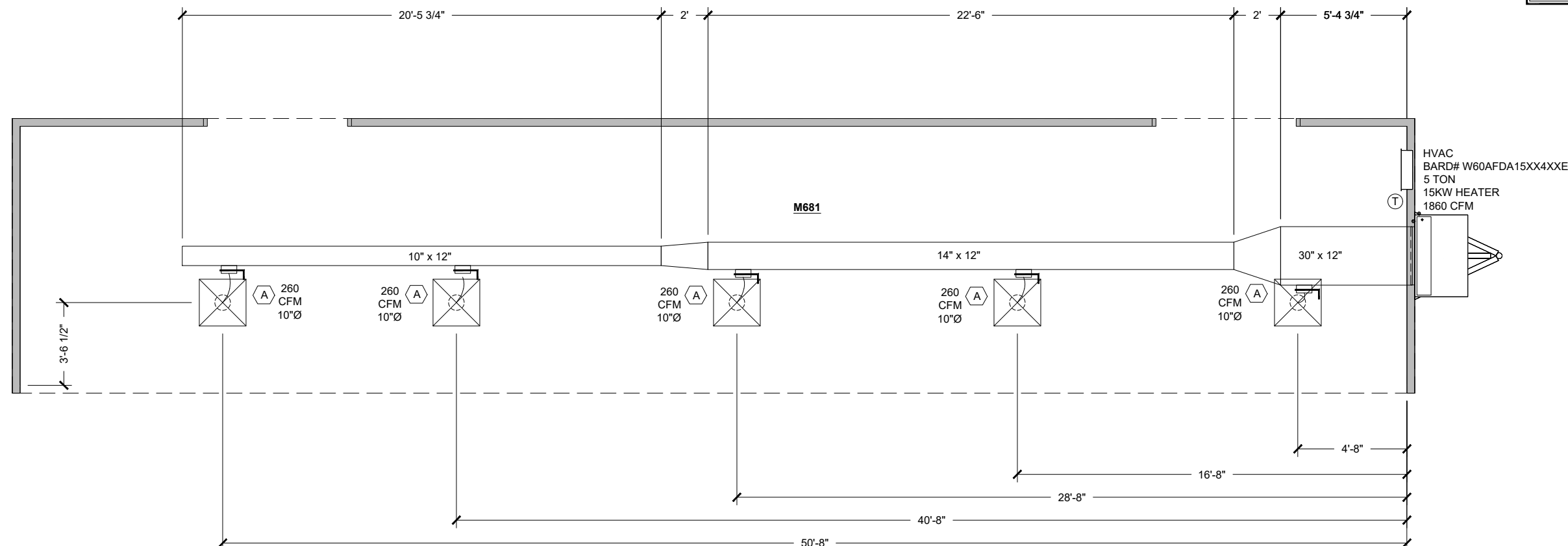
SUBMITTAL SET

NOTES:

1. THERMOSTAT TO BE LOCATED 48" A.F.F.
2. LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED OF ZINC COATED SHEET STEEL OR DUCT BOARD.
3. ZINC COATED SHEET STEEL SHALL CONFORM TO THE LATEST VERSION OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
4. DUCT BOARD SHALL CONFORM TO THE LATEST VERSION OF SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS OR NAIMA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS.
5. FLEXIBLE AIR DUCT FOR CONNECTIONS BETWEEN LOW PRESSURE DUCT TO DIFFUSERS SHALL BE EQUAL TO THERMAFLEX G-KM. DUCT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES UNDER UL 181 STANDARDS AS CLASS 1 FLEXIBLE AIR DUCT MATERIAL AND SHALL COMPLY WITH NFPA STANDARDS 90A AND 90B. DUCT SHALL BE RATED TO OPERATE AT PRESSURES UP TO 6" W.G. (1500 PA) FOR SIZES 16" AND SMALLER. MAXIMUM LENGTH OF FLEXIBLE AIR DUCT SHALL BE 7 FEET.
6. KEEP ALL OUTSIDE AIR INTAKES 10' FROM EXHAUST AIR VENTS PER CODE.
7. INSULATE DUCT ABOVE CEILING WITH R-6 DUCT WRAP. MASTIC AND SEAL ALL JOINTS.
8. THE DUCTWORK AND EQUIPMENT ARE SHOWN DIAGRAMMATIC. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION.
9. AIR FLOW SHALL BE BALANCED TO OBTAIN QUANTITIES SHOWN ON FLOOR PLANS. CAREFULLY ADJUST DAMPERS FOR ALL DUCTWORK AND AIR OUTLETS AND RECORD READINGS WHICH CORRESPOND TO THE DESIGN FLOW RATES AT EACH OUTLET. TEST AND BALANCE THE COMPLETE AIRSIDE SYSTEM IN ACCORDANCE WITH "SMACNA T.A.B." PROCEDURES.
10. MODULES MAY HAVE EXISTING DUCTWORK INSTALLED. IF DUCTWORK DIMENSIONS ARE THE SAME OR LARGER AS DUCTWORK SHOWN EXISTING DUCTWORK SHALL BE REUSED AND REMAIN IN PLACE.
11. AC UNIT OUTSIDE AIR DAMPER TO BE POSITIONED TO PROVIDE THE FLOWRATE SHOWN BELOW.

MARK	DESCRIPTION
	T-BAR DIRECTIONAL VOLUME DIFFUSERS. FULL SIZE SQUARE 2'x2' DIRECTIONAL T-BAR DIFFUSER, ROUND COLLAR, SEISMIC SUPPORT HANGERS, SHOEMAKER 105PD SERIES PERFORATED T-BAR DIFFUSERS.

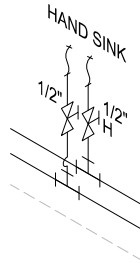
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470	Chester Drive
Elkhart, IN 46516	
State(s)	Missouri
Accredited Evaluation and Inspection Agency	
This document is certified as being in conformance with State Building Codes.	
Date	May 13, 2025
Approval of this document does not authorize or signify any omission or deviation from the requirements of applicable State Laws.	



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1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT CODES AND REGULATIONS.
2. USE PEX (WHEN NOT VISUALLY EXPOSED TO INTERIOR OR EXTERIOR) OR COPPER PIPE TYPE K OR L WHEN EXPOSED TO PLUMB WATER LINES UNLESS OTHERWISE SPECIFIED.
3. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL. 2 HOLE STRAPS AT 3' O.C. MAX.
4. ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURB, ETC.
5. PRESSURE TEST WATER LINES (90-100 PSI) FOR LEAKS PRIOR TO EQUIPMENT FINAL CONNECTIONS.
6. FOR STORAGE: DRAIN WATER LINES.
7. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING
8. FOR MOP SINK USE 8" ADJ. SERVICE SINK FAUCET WITH SHORT SPOUT AND VACUUM BREAKER.
9. WRAP ALL HOT WATER LINES WITH PIPE INSULATION.
10. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
11. PRESSURE AVAILABLE ON SITE TO BE MAXIMUM 55PSI - MINIMUM 40PSI.
12. FOR COLD CLIMATE LOCATION ;
 - 12.1. IF UNIT IS IN USE MAKE SURE THAT THE HEAT TAPE IS ALWAYS "ON"
 - 12.2. IF THE UNIT IS NOT IN USE OR IN STORAGE, DRAIN ALL WATER AND WASTE LINES TO AVOID DAMAGE TO PIPES DUE TO EXPOSURE TO FREEZING TEMPERATURES.
13. WHEN METAL FITTINGS (PEX) ARE EXPOSED TO METAL WALL STRUCTURAL, NEED TO ADD A THERMAL BREAK.
14. WRAP ALL HOT & COLD PIPING THAT RUNS UNDER THE FLOOR WITH PIPE INSULATION.
15. WATER HEATER TEMPERATURE CAN BE ADJUSTED FROM 120°F TO 140°F.
16. WATER ID BEING SUPPLIED FROM THE EXISTING BUILDING. REFER TO PLUMBING DOCUMENTS, SHEET P310.1 PLAN NOTE #32.



TYPICAL FRESH WATER CONNECTION DETAIL

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SYM	DESCRIPTION
H	HOT WATER LINE
C	COLD WATER LINE
	PRESSURE REGULATOR
	VALVE, BRASS BALL
	TEE
	90° ELBOW
	FLEX HOSE ASSEMBLY (S.S. BRAIDED MPT x FPT SWIVEL)
	QUICK DISCONNECT
	VALVE 3-WAY
	PUMP
	VACUUM BREAKER
	REDUCER
	CHECK VALVE
	POINT OF CONNECTION
	WATER FILTRATION SYSTEM
	PENETRATION
	HOSE BIBB
	CAP
	BOILER DRAIN VALVE
	PRESSURE RELIEF VALVE
	UNION

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As Noted on Plans Review

KITCHENS TO GO®
Development Services Department
Lee's Summit, Missouri
07/29/2025
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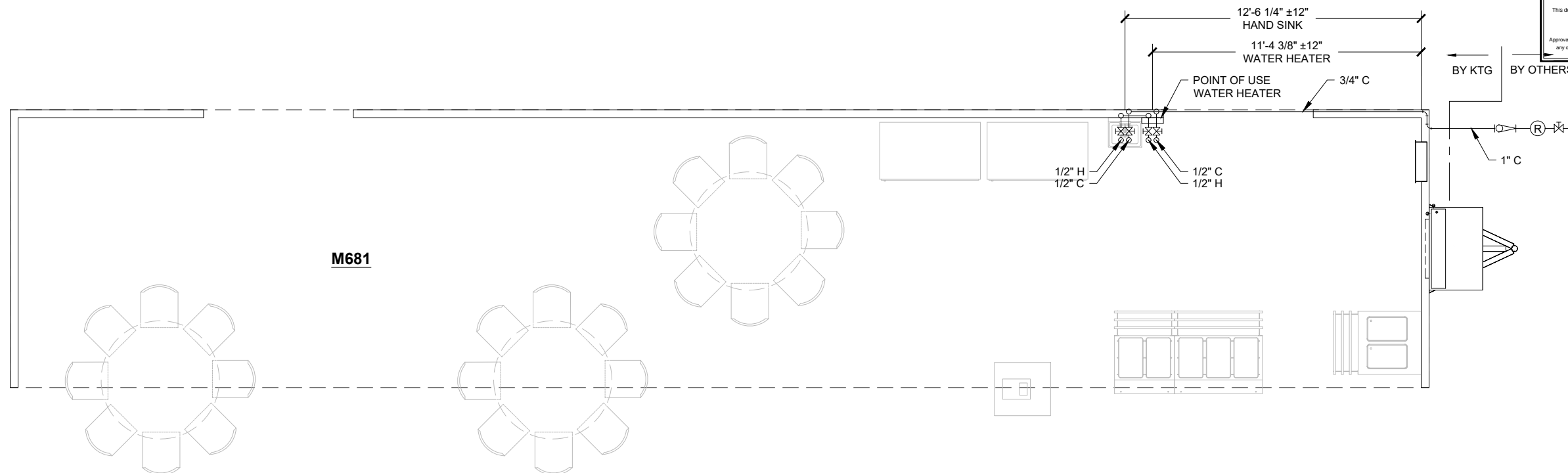


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MEDICAL CENTER**

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Lee's Summit, MO 64063



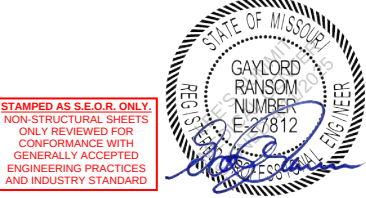
SUBMITTAL SET

REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682		
11x17 SCALE: 3/8"=1'-0" 22x34 SCALE: 3/4"=1'-0"			
Fresh Water Plumbing Schematic			
Sheet (M681) P-601			



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MEDICAL CENTER

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REV.	DATE	DESCRIPTION	NAME
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DELTA - REV -

Drawn By: MMS Approved By: -

QUOTE NUMBER L24-050 UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: 3/16"=1'-0"
22x34 SCALE: 3/8"=1'-0"

Waste Water Plumbing
Schematic

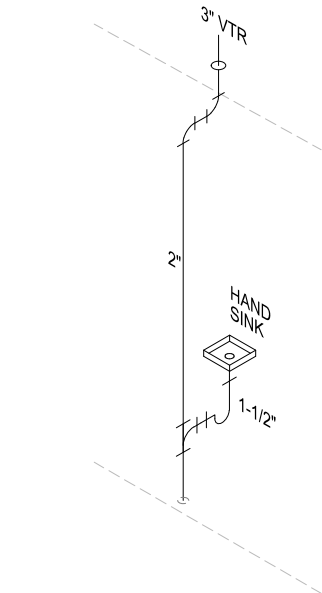
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(M681) P-602

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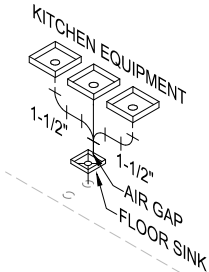
SUBMITTAL SET

WASTE WATER PLUMBING NOTES:

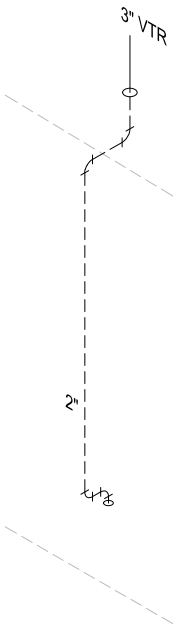
1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT PLUMBING CODES AND REGULATIONS.
2. ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURBS, ETC
3. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL 2 HOLE STRAPS AT 3' O.C. MAX.
4. TERMINATION VENT SHALL BE MINIMUM 3 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT SHALL BE MADE INSIDE THE STRUCTURE A MINIMUM OF 18 INCHES BELOW THE ROOF.
5. DRAIN LINES SHALL BE CPVC DWV WHERE REQUIRED FOR HIGH TEMPERATURE EQUIPMENT, OTHERWISE USE ABS DWV, PVC DWV OR OTHER APPROVED MATERIALS.
6. SEWER LINES FROM FLOOR SINKS SHALL ALL BE SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
7. FLOOR SINKS SHALL BE MOUNTED FLUSH WITH FINISHED FLOOR.
8. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY KITCHENS TO GO BY MOBILE MODULAR.
9. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED, MAINTAINING A SLOPE OF 1/4" PER FOOT.
10. HVAC & MUA CONDENSATION LINES SHALL BE PVC OR OTHER APPROVED MATERIALS. HVAC & MUA CONDENSATION LINES TO BE CONNECTED TO CLOSEST VTR.
11. WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A APPROVED DRAIN LINE.
12. CLEAN OUTS ARE TO BE READILY ACCESSIBLE ABOVE GRADE (TYP)
13. ALL PLUMBING CONNECTIONS UNDER THE FLOOR TO BE DONE BY G.C. CONNECTIONS UNDER THE FLOOR SHOWN AS A SUGGESTED LAYOUT ONLY.
14. FOR COLD CLIMATE LOCATION:
 - a) IF UNIT IS IN USE MAKE SURE THAT HEAT TAPE IS ALWAYS ON.
 - b) IF THE UNIT IS NOT IN USE OR IS IN STORAGE, DRAIN ALL WATER & WASTE LINES TO AVOID DAMAGE TO PIPES DUE TO EXPOSURE TO FREEZING TEMPERATURES.
16. INDIRECT PLUMBING MUST HAVE A MINIMUM 2" AIR GAP OR 2 TIMES THE PIPE ID, WHICHEVER IS LARGER.
17. WASTE TANK SHALL BE CONSTRUCTED OF POLYPROPYLENE PLASTIC.



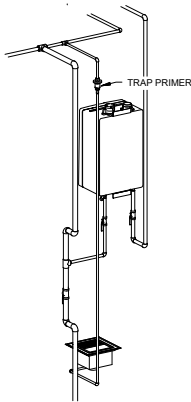
TYPICAL HAND SINK
WASTE WATER DETAIL



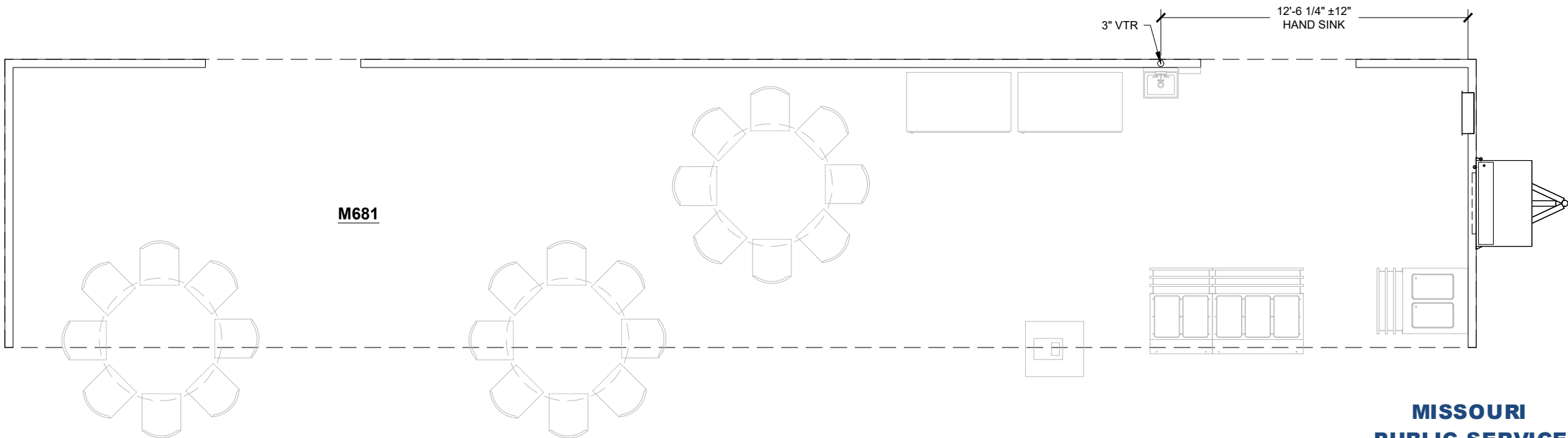
TYPICAL WASTE WATER
CONNECTION DETAIL



TYPICAL VTR
WASTE WATER DETAIL



TYPICAL TRAP
PRIMER DETAIL



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DRAWING INDEX					
SHEET NO.	SHEET CREATED	DESCRIPTION	REV. NUMBER	REV. DATE	REV. NOTE
(M682) G-001		Cover Sheet & Drawing Index			
(M682) I-101		Interior Floor Plan and Equipment List			
(M682) E-101		Electrical Floor Plan Schematic			
(M682) E-601		Electrical Panel Schedule(S)			
(M682) M-101		HVAC Ducting Plan			
(M682) P-601		Fresh Water Plumbing Schematic			
(M682) P-602		Waste Water Plumbing Schematic			

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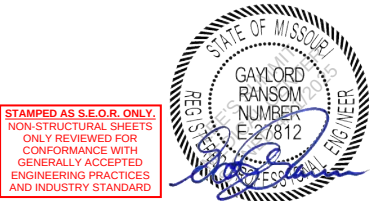
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SUBMITTAL SET

RELEASED FOR CONSTRUCTION As Noted on Plans Review KITCHENS TO GO® <i>by mobile modular</i> Development Services Department Lee's Summit, Missouri 07/29/2025 <i>"We Keep You Cooking!"</i>			
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2100 SE Blue Pkwy Lee's Summit, MO 64063			
REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By:	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: N/A 22x34 SCALE: N/A			
Cover Sheet & Drawing Index			
Sheet			
(M682) G-001			

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REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: $\frac{3}{16}''=1'-0''$
22x34 SCALE: $\frac{3}{8}''=1'-0''$

Interior Floor Plan And Equipment List

Sheet

(M682) I-101

CS = CLIENT SUPPLIED EQUIPMENT

ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS
1	36" Interior Door	X		23	Toaster		X	45	Water Heater	X	
2	72" Entry Door	X		24	Ticket Printer		X	46	Mop Sink	X	
3	36" Air Curtain	X		25	Induction Heat Activator		X	47	8' x 20' Walk-In Cooler	X	
4	Flight Type Dish Machine	X		26	Microwave		X	48	8' x 20' Walk-In Freezer	X	
5	Trench Drain	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
9	1 Compartment Sink	X		31	Work Top Refrigerator	X		53	Modular Cashier Unit	X	
10	Not Used			32	Dual Stack Convection Steamer	X		54	Hot Food Serving Counter - 3 Well	X	
11	Garbage Disposal	X		33	Fryer	X		55	Hot Food Serving Counter - 2 Well	X	
12	3 Compartment Sink	X		34	Reach-In Freezer	X		56	Cold Food Serving Counter - 3 Well	X	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	X		57	Cold Food Serving Counter - 2 Well	X	
14	Electrical Panel	X		36	48" Tilt Skillet	X		58	Double Door Beverage Cooler		X
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		X
16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18	Coffee Brewer		X	40	Fire Suppression System	X		62	HVAC Unit	X	
19	Stainless Steel Work Table With Undershelf (30"x72")	X		41	Stainless Steel Work Table With Undershelf (30"x60")	X		63	Floor Sink, Covered & Sealed	X	
20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershelf And Overshelf (30"x150")		X	44	Booster Heater	X					

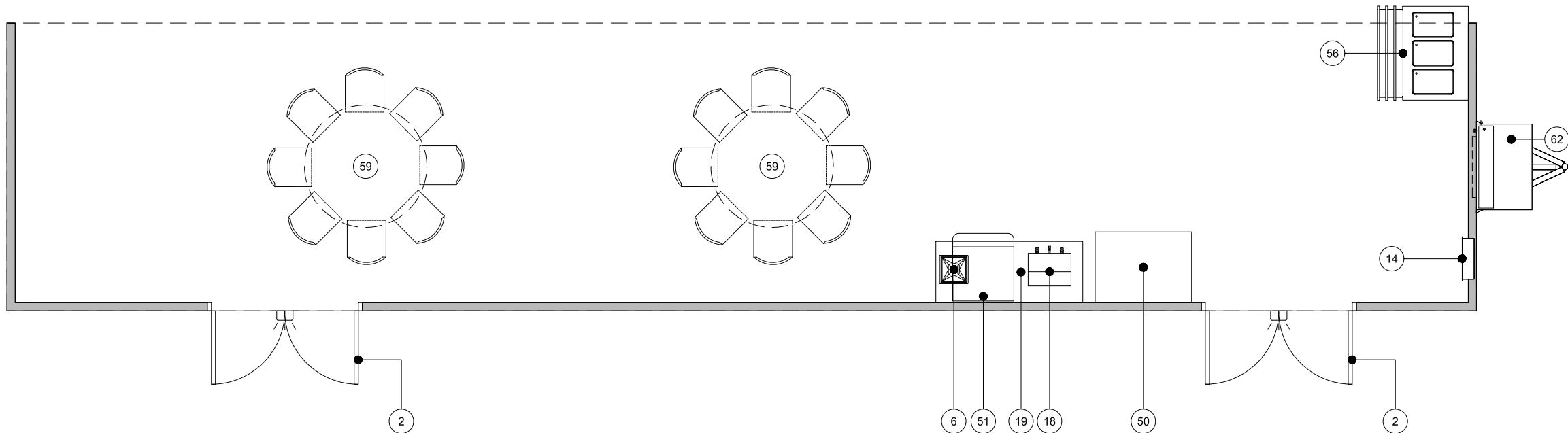
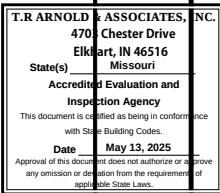
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NOTES:

- CONDUIT FROM ELECTRICAL PANEL TO EQUIPMENT JUNCTION BOX TO BE RUN INSIDE WALLS, CEILING OR UNDER FLOOR WHERE POSSIBLE.
- ALUMINUM RACEWAY TO BE USED WHEN TRANSITION FROM ELECTRICAL PANEL TO JUNCTION BOX OR JUNCTION BOX TO JUNCTION BOX DOES NOT PERMIT RECESSED CONDUIT.
- WHEN RECESSED JUNCTION BOX IS NOT POSSIBLE, USE A SURFACE MOUNTED ALUMINUM WATER TIGHT JUNCTION BOX.
- ALL VERTICAL DIMENSIONS ARE FROM FINISH FLOOR. ALL HORIZONTAL DIMENSIONS ARE FROM INSIDE FINISH WALL.
- WIRING ABOVE SUSPENDED CEILINGS SHALL BE AC CABLE OR SIMILAR. NM CABLE MAY NOT BE USED ABOVE SUSPENDED CEILINGS.
- NOT USED.
- ALL 120 VOLTS, 15 AND 20 AMP RECEPTACLES TO BE GFCI PROTECTED.
- THE LIGHT INTENSITY SHALL BE AT LEAST 50 FOOT-CANDLES ON ALL FOOD PREPARATION SURFACES AND AT EQUIPMENT OR UTENSIL-WASHING WORK LEVELS.
- THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES AT A DISTANCE OF 30" ABOVE THE FLOOR IN THE FOLLOWING:
 - UTENSIL AND EQUIPMENT STORAGE AREAS.
 - SINKS AND TOILET AREAS.
 - WALK-IN REFRIGERATION UNITS.
 - DRY FOOD STORAGE AREAS.
 - ALL OTHER AREAS.THIS INCLUDES THE AREAS WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE, SUCH AS BUFFETS AND SALAD BARS, AND ROOMS DURING PERIODS OF CLEANING.
- THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES INSIDE EQUIPMENT, SUCH AS REACH-IN AND UNDER-COUNTER REFRIGERATORS.
- EXCEPT AS SPECIFIED IN NOTE 13, LIGHT BULBS SHALL BE SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS:
 - EXPOSED FOOD
 - CLEAN EQUIPMENT, UTENSILS, AND LINENS; OR
 - UNWRAPPED SINGLE-SERVICE AND SINGLE-USE ARTICLES.
- SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT BULBS NEED NOT BE USED ONLY FOR STORING FOOD IN UNOPENED PACKAGE IF THE:
 - INTEGRITY OF THE PACKAGES CANNOT BE AFFECTED BY BROKEN GLASS FALLING ONTO THEM; AND
 - PACKAGES ARE CAPABLE OF BEING CLEANED OF DEBRIS FROM BROKEN BULBS BEFORE THE PACKAGES ARE OPENED.
- AN INFRARED OR OTHER HEAT LAMP SHALL BE PROTECTED AGAINST BREAKAGE BY SHIELD SURROUNDING AND EXTENDING BEYOND THE BULB SO THAT ONLY THE FACE OF THE BULB IS EXPOSED.
- ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.
- NOT USED.
- UDS CIRCUIT NUMBERS ARE USED AS A GUIDE ONLY TO LOCATE THE CIRCUITS AND TO CALCULATE THE ELECTRICAL LOAD FOR THE TWO UDS SECTIONS.
- ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED LTG. CIRCUIT PER NEC.
- ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER NEC.
- MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.
- PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.

ELECTRICAL SYMBOL LEGEND	
	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS
	EMERGENCY BATTERY BACKUP
	4' - 4 TUBE FLUORESCENT FIXTURE
	4' - 3 TUBE FLUORESCENT FIXTURE
	SINGLE OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - SURFACE MOUNTED
	FOURPLEX OUTLET - FLUSH MOUNTED
	FOURPLEX OUTLET - SURFACE MOUNTED
	HARDWIRE CONNECTION - FLUSH MOUNTED
	HARDWIRE CONNECTION - SURFACE MOUNTED
	208V OUTLET - FLUSH MOUNTED
	208V OUTLET - SURFACE MOUNTED
	EXHAUST FAN
	SWITCH - FLUSH MOUNTED
	SWITCH - SURFACE MOUNTED
	3-WAY SWITCH - FLUSH MOUNTED
	3-WAY SWITCH - SURFACE MOUNTED
	DENOTES CIRCUIT NUMBER (#8)
	EXT. SCENE LIGHT / ENTRY LIGHT
	VAPOR PROOF LIGHT/HOOD LIGHT
	EMERGENCY EXIT LIGHT

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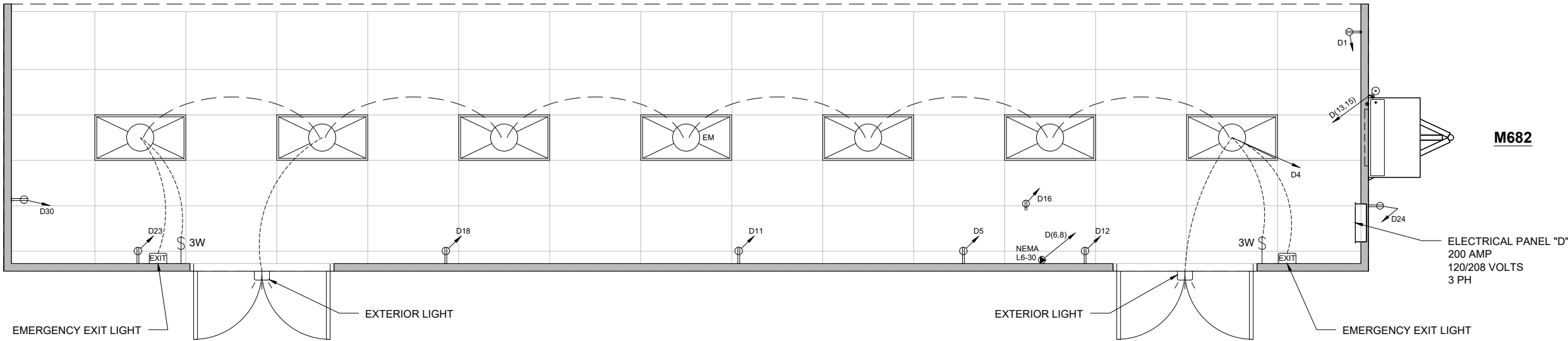
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11x17 SCALE: 3/16"=1'-0"			
22x34 SCALE: 3/8"=1'-0"			

Electrical Floor Plan
Schematic

Sheet

(M682) E-101



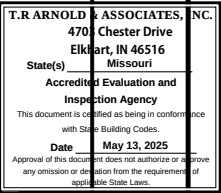
NOTES:

1. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE HOT DIPPED GALVANIZED, ALL FITTINGS SHALL BE OF THE SCREW THREAD TYPE. COUPLINGS, LOCKNUTS, BUSHINGS, ETC., SHALL BE HOT DIPPED GALVANIZED.
2. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED. COUPLINGS AND CONNECTORS SHALL BE GALVANIZED. FITTINGS SHALL BE COMPRESSION TYPE WITH GLAND SEALING RINGS OR SET SCREW TYPE.
3. FLEXIBLE CONDUIT SHALL BE GALVANIZED STEEL OR ALUMINUM. WHERE USED IN DAMP OR WET LOCATIONS FLEXIBLE CONDUIT SHALL BE OF THE LIQUID-TIGHT TYPE WITH OUTER NEOPRENE JACKET AND SUITABLE LIQUID-TIGHT FITTINGS.
4. WIRE AND CABLE FOR USE ON SYSTEMS OF 50 VOLTS TO 600 VOLTS SHALL BE 600 VOLT RATED TYPE THW OR THHN FOR BRANCH CIRCUITS. FEEDERS SHALL BE THHN (THWN IN WET LOCATIONS).
5. WIRE AND CABLE FOR USE ON SYSTEMS OF BELOW 50 VOLTS SHALL BE 300 VOLT PVC INSULATED AND SUITABLE FOR THE CLASS OF WIRING EXCEPT AS OTHERWISE INDICATED OR SPECIFIED.
6. ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE - 12GA THHN (THWN IN WET LOCATIONS)
7. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE USED WHERE EXPOSED TO THE WEATHER, PLACED UNDERGROUND BELOW CONCRETE SLAB, IN CONCRETE OR MASONRY CONSTRUCTION IN CONTACT WITH EARTH.
8. GALVANIZED STEEL ELECTRICAL METALLIC TUBING SHALL BE USED IN ABOVE GROUND, INTERIOR, DRY LOCATIONS PROTECTED FROM WEATHER AND PHYSICAL DAMAGE, AND MAY BE USED IN CONCRETE OR MASONRY CONSTRUCTION NOT IN CONTACT WITH EARTH.
9. FLEXIBLE METALLIC CONDUIT SHALL BE USED TO CONNECT CONDUIT SYSTEMS TO MOTORS, DIRECT WIRED AND VIBRATING EQUIPMENT AND AS A FINAL CONNECTION TO LIGHTING FIXTURES (6' MAX) IN ACCESSIBLE CEILINGS. IT MAY BE USED AS A WIRING SYSTEM INSTEAD OF EMT IN INTERIOR WALLS ONLY (DRY FRAME OR STUD CONSTRUCTION).
10. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

LEE SUMMIT MEDICAL CENTER																									
200 AMP						120/208V/OLTS				4 WIRE				60HZ				3PH				M682 - D			
							PHASE																		
AWG	COLOR	ITEM	TYPE LOAD	P	AMPS	CIRC.	A		B		C		P	AMPS	CIRC.	TYPE LOAD	ITEM	AWG	COLOR						
12	B	RECEPT	R	1	20	1	800	0							2		SPACE								
		SPACE				3			0	800			1	20	4	L	LIGHTS	12	R						
12	BL	FOUNTAIN BEVERAGE MACHINE	K	1	20	5					1116	2496	2	30	6	K	COFFEE BREWER	10	BL						
		51															18								
		SPACE				7	0	2496					-	30	8	K	"	10	B						
		SPACE				9			0	0					10		SPACE								
12	BL	RECEPT	R	1	20	11					1200	1200	1	20	12	K	OPEN AIR MERCHANDISER	12	BL						
4	B	HVAC 5T/15KW	H	2	90	13	8840	0					1	20	14		50								
4	R	"	H	-	90	15			8840	600			1	20	16	CL	HEAT TAPE	12	R						
		SPACE				17					0	1200	1	20	18	R	RECEPT	12	BL						
		SPACE				19	0	0							20		SPACE								
		SPACE				21			0	0					22		SPACE								
12	BL	RECEP	R	1	20	23					1200	1200	1	20	24	R	SERVICE RECEPTACLE	12	BL						
		SPACE				GFI									GFI										
		SPACE				25	0	0							26		SPACE								
		SPACE				27			0	0					28		SPACE								
		SPACE				29					0	1200	1	20	30	R	RECEPT	12	BL						
							9640	2496	8840	1400	3516	7296													
							12136		10240		10612														
							CONN. VA	DEMAND FACTOR		DEMAND VA		LOAD TYPE KEY:													
TOTAL KITCHEN LOAD							=	7308	X	0.8	5846.4	K = KITCHEN LOAD													
TOTAL LIGHTING LOAD							=	800	X	1.25	1000.0	L = LIGHTING LOAD													
TOTAL NON-CONT. LOAD							=	0	X	1	0.0	NC = NON-CONTINUOS LOAD													
TOAL RECEPTACLE LOAD							=	6800	X	1	6800.0	R = RECEPTACLE LOAD													
TOTAL CONTINUOUS LOAD							=	600	X	1.25	750.0	CL = CONTINUOUS LOAD													
TOTAL HVAC LOAD							=	17680	X	1	17680.0	H = HVAC LOAD													
LARGEST MOTOR LOAD							=	0	X	1.25	0.0	LM = LARGEST MOTOR LOAD													
TOTAL MISC. LOAD							=	0	X	1	0.0	M = MISC.													
TOTAL VA PANEL "A"							=	33188			32076.4														
TOTAL VA							=	33188			32076.4														
TOAL AMPS							=	92.1			89.0														
							TOTAL=		33188	VA															
							I =		92.1	AMPS															

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GAYLORD RANSOM

NUMBER E-27812

REGISTERED PROFESSIONAL ENGINEER

STAMPED AS S.E.Q.R. ONLY.

NON-STRUCTURAL SHEETS

ONLY REVIEWED FOR

CONFORMANCE WITH

GENERALLY ACCEPTED

ENGINEERING PRACTICES

AND INDUSTRY STANDARD

DELTA 1

REV 1

Drawn By:

MMS

Approved By:

-

QUOTE NUMBER

L24-050

UNIT NUMBER

M820, M821, M681, M682

11x17 SCALE:

N/A

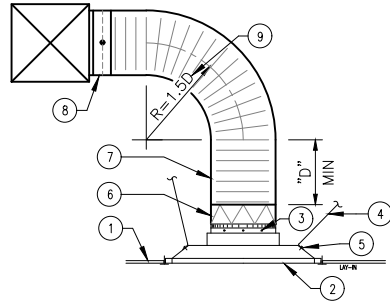
22x34 SCALE:

N/A

Electrical Panel Schedule(S)

Sheet

(M682) E-601



- DIFFUSER INSTALLATION NOTES
1. ACOUSTICAL LAY-IN T-BAR CEILING, SEE ARCHITECTURAL DRAWINGS.
 2. TYPICAL LAY-IN DIFFUSER.
 3. #7 x 1/2" S/M SCREWS, (4" O.C. MIN.) TAPE W/ 2" MASTIC TAPE.
 4. SUPPORT DIFFUSER WITH (4) 1-1/2" x 26 GA. GALVANIZED S/M STRAPS, SECURE TO STRUCTURE ABOVE.
 5. SHEET METAL SCREW, (TYPICAL).
 6. VOLUME DAMPER
 7. FLEXIBLE DUCT
 8. SPIN-IN FITTING W/ BUTTERFLY DAMPER
 9. "D" IS THE THROAT DIAMETER

1 TYP. DIFFUSER INSTALLATION
LAY-IN T-BAR MOUNTING NTS

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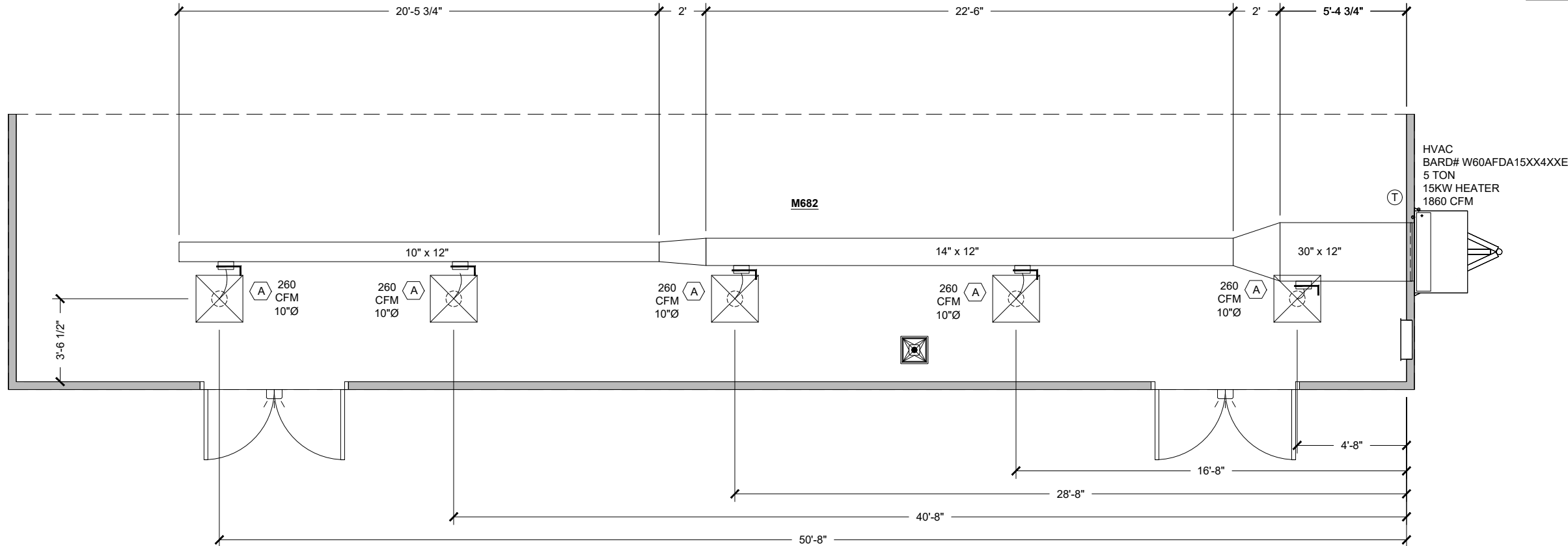
- NOTES:
1. THERMOSTAT TO BE LOCATED 48" A.F.F.
 2. LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED OF ZINC COATED SHEET STEEL OR DUCT BOARD.
 3. ZINC COATED SHEET STEEL SHALL CONFORM TO THE LATEST VERSION OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS.
 4. DUCT BOARD SHALL CONFORM TO THE LATEST VERSION OF SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS OR NAIMA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS.
 5. FLEXIBLE AIR DUCT FOR CONNECTIONS BETWEEN LOW PRESSURE DUCT TO DIFFUSERS SHALL BE EQUAL TO THERMAFLEX G-KM. DUCT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES UNDER UL 181 STANDARDS AS CLASS 1 FLEXIBLE AIR DUCT MATERIAL AND SHALL COMPLY WITH NFPA STANDARDS 90A AND 90B. DUCT SHALL BE RATED TO OPERATE AT PRESSURES UP TO 6" W.G. (1500 PA) FOR SIZES 16" AND SMALLER. MAXIMUM LENGTH OF FLEXIBLE AIR DUCT SHALL BE 7 FEET.
 6. KEEP ALL OUTSIDE AIR INTAKES 10' FROM EXHAUST AIR VENTS PER CODE.
 7. INSULATE DUCT ABOVE CEILING WITH R-6 DUCT WRAP. MASTIC AND SEAL ALL JOINTS.
 8. THE DUCTWORK AND EQUIPMENT ARE SHOWN DIAGRAMMATIC. FIELD VERIFY DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION.
 9. AIR FLOW SHALL BE BALANCED TO OBTAIN QUANTITIES SHOWN ON FLOOR PLANS. CAREFULLY ADJUST DAMPERS FOR ALL DUCTWORK AND AIR OUTLETS AND RECORD READINGS WHICH CORRESPOND TO THE DESIGN FLOW RATES AT EACH OUTLET. TEST AND BALANCE THE COMPLETE AIRSIDE SYSTEM IN ACCORDANCE WITH "SMACNA T.A.B." PROCEDURES.
 10. MODULES MAY HAVE EXISTING DUCTWORK INSTALLED. IF DUCTWORK DIMENSIONS ARE THE SAME OR LARGER AS DUCTWORK SHOWN EXISTING DUCTWORK SHALL BE REUSED AND REMAIN IN PLACE.
 11. AC UNIT OUTSIDE AIR DAMPER TO BE POSITIONED TO PROVIDE THE FLOWRATE SHOWN BELOW.

MARK	DESCRIPTION
A	T-BAR DIRECTIONAL VOLUME DIFFUSERS. FULL SIZE SQUARE 2'x2' DIRECTIONAL T-BAR DIFFUSER, ROUND COLLAR, SEISMIC SUPPORT HANGERS, SHOEMAKER 105PD SERIES PERFORATED T-BAR DIFFUSERS.



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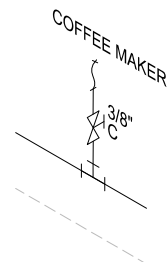
REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682		
11x17 SCALE: 3/16"=1'-0"			
22x34 SCALE: 3/8"=1'-0"			

HVAC Ducting Plan

Sheet

(M682) M-101

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT CODES AND REGULATIONS.
2. USE PEX (WHEN NOT VISUALLY EXPOSED TO INTERIOR OR EXTERIOR) OR COPPER PIPE TYPE K OR L WHEN EXPOSED TO PLUMB WATER LINES UNLESS OTHERWISE SPECIFIED.
3. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL. 2 HOLE STRAPS AT 3' O.C. MAX.
4. ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURB, ETC.
5. PRESSURE TEST WATER LINES (90-100 PSI) FOR LEAKS PRIOR TO EQUIPMENT FINAL CONNECTIONS.
6. FOR STORAGE: DRAIN WATER LINES.
7. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING
8. FOR MOP SINK USE 8" ADJ. SERVICE SINK FAUCET WITH SHORT SPOUT AND VACUUM BREAKER.
9. WRAP ALL HOT WATER LINES WITH PIPE INSULATION.
10. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
11. PRESSURE AVAILABLE ON SITE TO BE MAXIMUM 55PSI - MINIMUM 40PSI.
12. FOR COLD CLIMATE LOCATION ;
 - 12.1. IF UNIT IS IN USE MAKE SURE THAT THE HEAT TAPE IS ALWAYS "ON"
 - 12.2. IF THE UNIT IS NOT IN USE OR IN STORAGE, DRAIN ALL WATER AND WASTE LINES TO AVOID DAMAGE TO PIPES DUE TO EXPOSURE TO FREEZING TEMPERATURES.
13. WHEN METAL FITTINGS (PEX) ARE EXPOSED TO METAL WALL STRUCTURAL, NEED TO ADD A THERMAL BREAK.
14. WRAP ALL HOT & COLD PIPING THAT RUNS UNDER THE FLOOR WITH PIPE INSULATION.
15. WATER HEATER TEMPERATURE CAN BE ADJUSTED FROM 120°F TO 140°F.
16. WATER FILTRATION FOR COFFEE BREWER AND FOUNTAIN BEVERAGE MACHINE PROVIDED BY CLIENT.



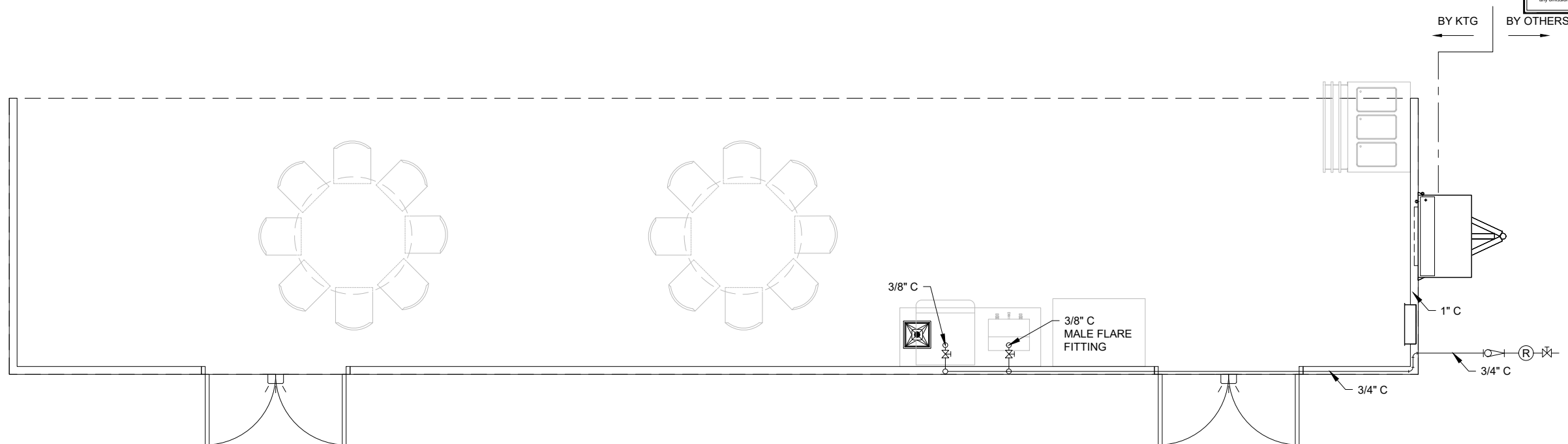
TYPICAL FRESH WATER CONNECTION DETAIL

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SYM	DESCRIPTION
H	HOT WATER LINE
C	COLD WATER LINE
	PRESSURE REGULATOR
	VALVE, BRASS BALL
	TEE
	90° ELBOW
	FLEX HOSE ASSEMBLY (S.S. BRAIDED MPT x FPT SWIVEL)
	QUICK DISCONNECT
	VALVE 3-WAY
	PUMP
	VACUUM BREAKER
	REDUCER
	CHECK VALVE
	POINT OF CONNECTION
	WATER FILTRATION SYSTEM
	PENETRATION
	HOSE BIBB
	CAP
	BOILER DRAIN VALVE
	PRESSURE RELIEF VALVE
	UNION

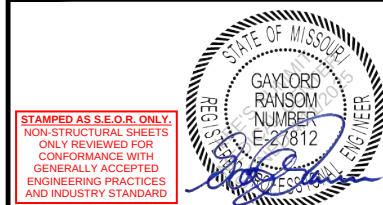
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REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: $\frac{3}{16}"=1'-0"$
22x34 SCALE: $\frac{3}{8}"=1'-0"$

Fresh Water Plumbing Schematic

Sheet

(M682) P-601

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REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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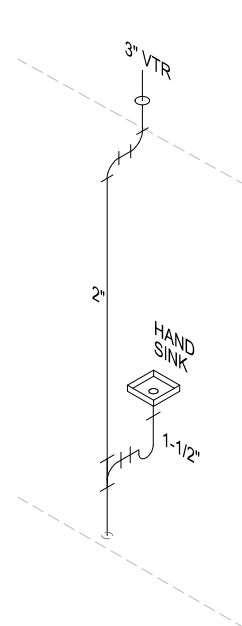
QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

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22x34 SCALE: $\frac{3}{8}"=1'-0"$

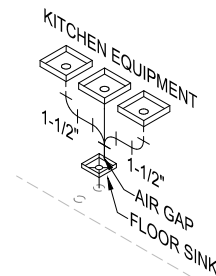
Waste Water Plumbing Schematic

Sheet

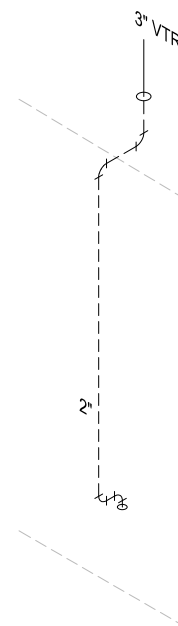
(M682) P-602



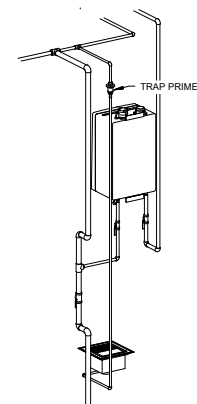
TYPICAL HAND SINK WASTE WATER DETAIL



TYPICAL WASTE WATER CONNECTION DETAIL



TYPICAL VTR WASTE WATER DETAIL



TYPICAL TRAP PRIMER DETAIL

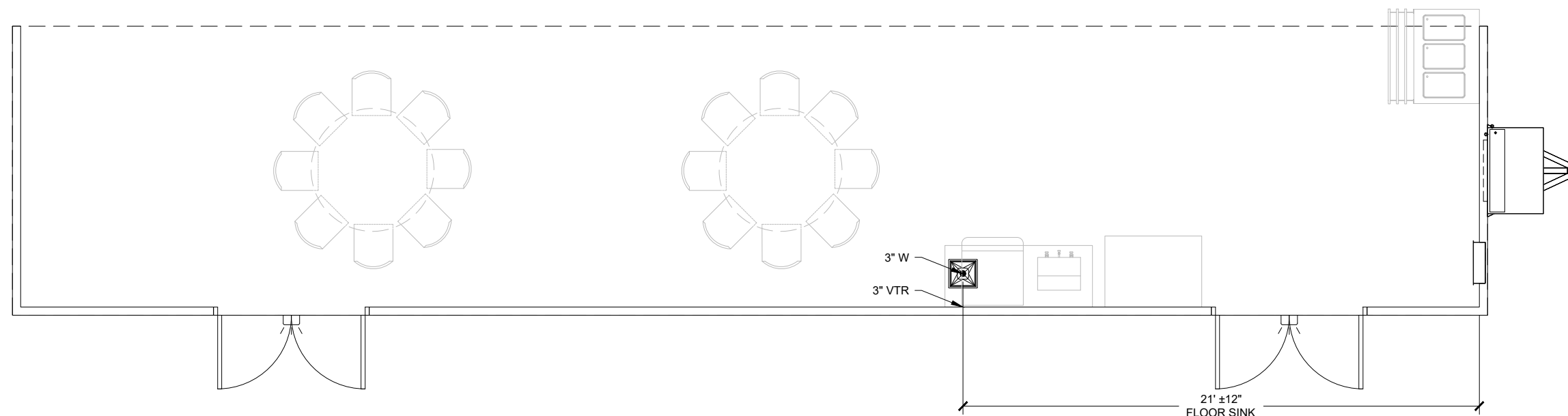
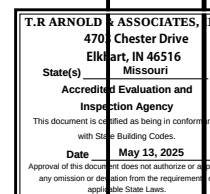
- NOTES:
1. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL 2 HOLE STRAPS AT 3' O.C. MAX.
 2. TERMINATION VENT SHALL BE MINIMUM 2 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT SHALL BE MADE INSIDE THE STRUCTURE A MINIMUM OF 18 INCHES BELOW THE ROOF.
 3. ALL PLUMBING LINES SHALL BE OF SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
 4. SEWER LINES FROM FLOOR SINKS SHALL ALL BE SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
 5. FLOOR SINKS SHALL BE MOUNTED WITH EPOXY FLOOR RUN OVER THE EDGE AND DOWN TO THE BOTTOM OF THE VERTICAL EDGE OF THE FLOOR SINK.
 6. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING.
 7. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
 8. WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A APPROVED DRAIN LINE.
 9. ALL VENTS SHALL TERMINATE 18" MIN. ABOVE ROOF FINISH LINE UNLESS OTHERWISE SPECIFIED.
 10. HVAC CONDENSATION LINES SHALL DRAIN BY MEANS OF AN INDIRECT WASTE PIPE. THE WASTE PIPE SHALL HAVE A SLOPE NOT LESS THAN 1/8 INCH PER FOOT.
 11. CLEAN OUTS ARE TO BE READILY ACCESSIBLE ABOVE GRADE (TYP)
 12. FOR STORAGE, BLOW OUT WITH COMPRESSED AIR ALL WATER LINES.
 13. ADD MIXING VALVE TO DISHWASHER AND CONVECTION STEAMER TO REDUCE TEMPERATURE OF WATER COMING OUT OF THE DRAIN PIPE.
 14. ALL PLUMBING CONNECTIONS UNDER THE FLOOR TO BE DONE BY G.C. CONNECTIONS UNDER THE FLOOR SHOWN AS A SUGGESTED LAYOUT ONLY.

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LEE'S SUMMIT
MEDICAL CENTER
WASH UNIT - M820

DRAWING INDEX

SHEET NO.	SHEET CREATED	DESCRIPTION	REV. NUMBER	REV. DATE	REV. NOTE
(M820) G-001		Cover Sheet & Drawing Index			
(M820) I-101		Interior Floor Plan and Equipment List			
(M820) E-101		Electrical Floor Plan Schematic			
(M820) E-601		Electrical Panel Schedule(S)			
(M820) M-101		HVAC Ducting Plan			
(M820) P-601		Fresh Water Plumbing Schematic			
(M820) P-602		Waste Water Plumbing Schematic			
(M820) P-603		Gas Plumbing Schematic			

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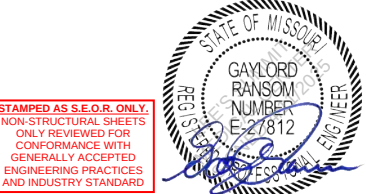
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REV.	DATE	DESCRIPTION	NAME
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DELTA - | REV -

Drawn By: MMS
Approved By: -

QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: N/A
22x34 SCALE: N/A

Cover Sheet & Drawing Index

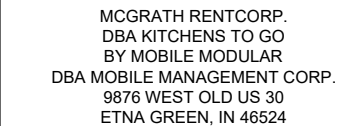
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(M820) G-001

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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

11x17 SCALE: $\frac{3}{16}''=1'-0''$
22x34 SCALE: $\frac{3}{8}''=1'-0''$

Interior Floor Plan And Equipment List

Sheet

(M820) I-101

CS = CLIENT SUPPLIED EQUIPMENT

ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS
1	36" Interior Door	X		23	Toaster		X	45	Water Heater	X	
2	72" Entry Door	X		24	Ticket Printer		X	46	Mop Sink	X	
3	36" Air Curtain	X		25	Induction Heat Activator		X	47	8' x 20' Walk-In Cooler	X	
4	Flight Type Dish Machine	X		26	Microwave		X	48	8' x 20' Walk-In Freezer	X	
5	Trench Drain	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
9	1 Compartment Sink	X		31	Work Top Refrigerator	X		53	Modular Cashier Unit	X	
10	Not Used			32	Dual Stack Convection Steamer	X		54	Hot Food Serving Counter - 3 Well	X	
11	Garbage Disposal	X		33	Fryer	X		55	Hot Food Serving Counter - 2 Well	X	
12	3 Compartment Sink	X		34	Reach-In Freezer	X		56	Cold Food Serving Counter - 3 Well	X	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	X		57	Cold Food Serving Counter - 2 Well	X	
14	Electrical Panel	X		36	48" Tilt Skillet	X		58	Double Door Beverage Cooler		X
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		X
16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18	Coffee Brewer		X	40	Fire Suppression System	X		62	HVAC Unit	X	
19	Stainless Steel Work Table With Undershelf (30"X72")	X		41	Stainless Steel Work Table With Undershelf (30"X60")	X		63	Floor Sink, Covered & Sealed	X	
20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershelf And Overshelf (30"X150")		X	44	Booster Heater	X					

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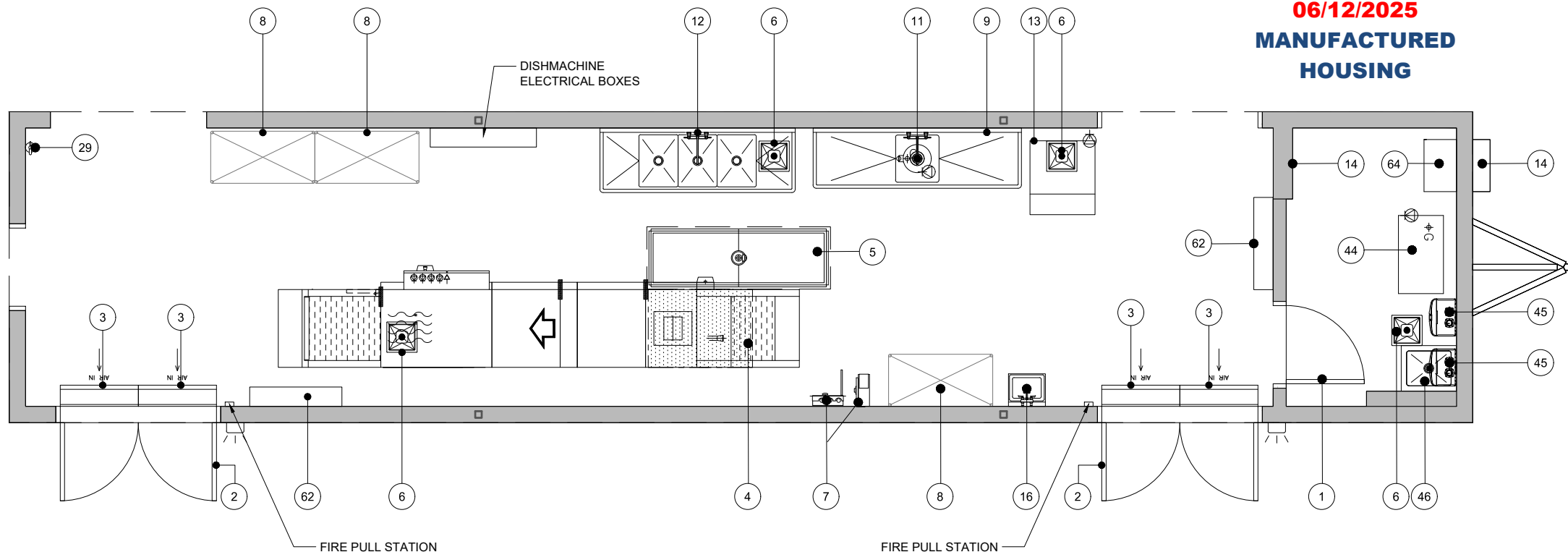
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1. CONDUIT FROM ELECTRICAL PANEL TO EQUIPMENT JUNCTION BOX TO BE RUN INSIDE WALLS, CEILING OR UNDER FLOOR WHERE POSSIBLE.
2. ALUMINUM RACEWAY TO BE USED WHEN TRANSITION FROM ELECTRICAL PANEL TO JUNCTION BOX OR JUNCTION BOX TO JUNCTION BOX DOES NOT PERMIT RECESSED CONDUIT.
3. WHEN RECESSED JUNCTION BOX IS NOT POSSIBLE, USE A SURFACE MOUNTED ALUMINUM WATER TIGHT JUNCTION BOX.
4. ALL VERTICAL DIMENSIONS ARE FROM FINISH FLOOR. ALL HORIZONTAL DIMENSIONS ARE FROM INSIDE FINISH WALL.
5. WIRING ABOVE SUSPENDED CEILINGS SHALL BE AC CABLE OR SIMILAR. NM CABLE MAY NOT BE USED ABOVE SUSPENDED CEILINGS.
6. NOT USED.
7. ALL 120 VOLTS, 15 AND 20 AMP RECEPTACLES TO BE GFCI PROTECTED.
8. THE LIGHT INTENSITY SHALL BE AT LEAST 50 FOOT-CANDLES ON ALL FOOD PREPARATION SURFACES AND AT EQUIPMENT OR UTENSIL-WASHING WORK LEVELS.
9. THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES AT A DISTANCE OF 30" ABOVE THE FLOOR IN THE FOLLOWING:
 - A. UTENSIL AND EQUIPMENT STORAGE AREAS.
 - B. SINKS AND TOILET AREAS.
 - C. WALK-IN REFRIGERATION UNITS.
 - D. DRY FOOD STORAGE AREAS.
 - E. ALL OTHER AREAS.

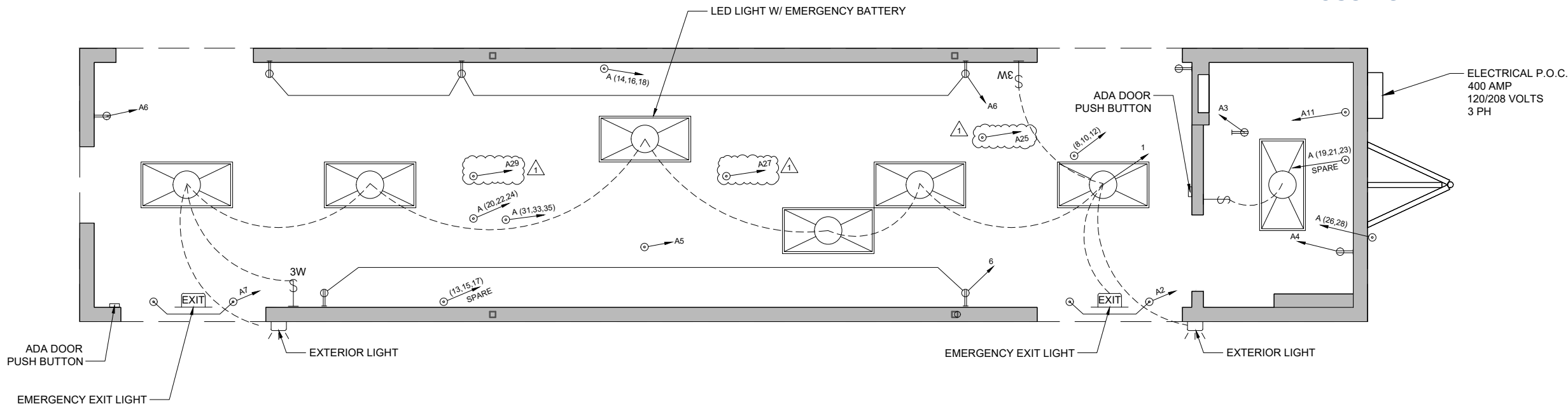
THIS INCLUDES THE AREAS WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE, SUCH AS BUFFETS AND SALAD BARS, AND ROOMS DURING PERIODS OF CLEANING.

10. THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES INSIDE EQUIPMENT, SUCH AS REACH-IN AND UNDER-COUNTER REFRIGERATORS.
11. EXCEPT AS SPECIFIED IN NOTE 13, LIGHT BULBS SHALL BE SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS:
 - A. EXPOSED FOOD
 - B. CLEAN EQUIPMENT, UTENSILS, AND LINENS; OR
 - C. UNWRAPPED SINGLE-SERVICE AND SINGLE-USE ARTICLES.
12. SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT BULBS NEED NOT BE USED ONLY FOR STORING FOOD IN UNOPENED PACKAGE IF THE:
 - A. INTEGRITY OF THE PACKAGES CANNOT BE AFFECTED BY BROKEN GLASS FALLING ONTO THEM; AND
 - B. PACKAGES ARE CAPABLE OF BEING CLEANED OF DEBRIS FROM BROKEN BULBS BEFORE THE PACKAGES ARE OPENED.
13. AN INFRARED OR OTHER HEAT LAMP SHALL BE PROTECTED AGAINST BREAKAGE BY SHIELD SURROUNDING AND EXTENDING BEYOND THE BULB SO THAT ONLY THE FACE OF THE BULB IS EXPOSED.
14. ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.
15. ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED LTG. CIRCUIT PER NEC.
16. ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER NEC.
17. MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.
18. PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.

	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS EMERGENCY BATTERY BACKUP
	4' - 4 TUBE FLUORESCENT FIXTURE
	4' - 3 TUBE FLUORESCENT FIXTURE
	SINGLE OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - SURFACE MOUNTED
	FOURPLEX OUTLET - FLUSH MOUNTED
	FOURPLEX OUTLET - SURFACE MOUNTED
	HARDWIRE CONNECTION - FLUSH MOUNTED
	HARDWIRE CONNECTION - SURFACE MOUNTED
	208V OUTLET - FLUSH MOUNTED
	208V OUTLET - SURFACE MOUNTED
	EXHAUST FAN
	SWITCH - FLUSH MOUNTED
	SWITCH - SURFACE MOUNTED
	3-WAY SWITCH - FLUSH MOUNTED
	3-WAY SWITCH - SURFACE MOUNTED
	DENOTES CIRCUIT NUMBER (#8)
	EXT. SCENE LIGHT / ENTRY LIGHT
	VAPOR PROOF LIGHT/HOOD LIGHT
	EMERGENCY EXIT LIGHT

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Sheet
(M820) E-101



NOTES:

1. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE HOT DIPPED GALVANIZED, ALL FITTINGS SHALL BE OF THE SCREW THREAD TYPE. COUPLINGS, LOCKNUTS, BUSHINGS, ETC., SHALL BE HOT DIPPED GALVANIZED.
2. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED. COUPLINGS AND CONNECTORS SHALL BE GALVANIZED. FITTINGS SHALL BE COMPRESSION TYPE WITH GLAND SEALING RINGS OR SET SCREW TYPE.
3. FLEXIBLE CONDUIT SHALL BE GALVANIZED STEEL OR ALUMINUM. WHERE USED IN DAMP OR WET LOCATIONS FLEXIBLE CONDUIT SHALL BE OF THE LIQUID-TIGHT TYPE WITH OUTER NEOPRENE JACKET AND SUITABLE LIQUID-TIGHT FITTINGS.
4. WIRE AND CABLE FOR USE ON SYSTEMS OF 50 VOLTS TO 600 VOLTS SHALL BE 600 VOLT RATED TYPE THW OR THHN FOR BRANCH CIRCUITS. FEEDERS SHALL BE THHN (THWN IN WET LOCATIONS).
5. WIRE AND CABLE FOR USE ON SYSTEMS OF BELOW 50 VOLTS SHALL BE 300 VOLT PVC INSULATED AND SUITABLE FOR THE CLASS OF WIRING EXCEPT AS OTHERWISE INDICATED OR SPECIFIED.
6. ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE - 12GA THHN (THWN IN DAMP LOCATIONS).
7. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE USED WHERE EXPOSED TO THE WEATHER, PLACED UNDERGROUND BELOW CONCRETE SLAB, IN CONCRETE OR MASONRY CONSTRUCTION IN CONTACT WITH EARTH.
8. GALVANIZED STEEL ELECTRICAL METALLIC TUBING SHALL BE USED IN ABOVE GROUND, INTERIOR, DRY LOCATIONS PROTECTED FROM WEATHER AND PHYSICAL DAMAGE, AND MAY BE USED IN CONCRETE OR MASONRY CONSTRUCTION NOT IN CONTACT WITH EARTH.
9. FLEXIBLE METALLIC CONDUIT SHALL BE USED TO CONNECT CONDUIT SYSTEMS TO MOTORS, DIRECT WIRED AND VIBRATING EQUIPMENT AND AS A FINAL CONNECTION TO LIGHTING FIXTURES (6' MAX) IN ACCESSIBLE CEILINGS. IT MAY BE USED AS A WIRING SYSTEM INSTEAD OF EMT IN INTERIOR WALLS ONLY (DRY FRAME OR STUD CONSTRUCTION).
10. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

LEE SUMMIT MEDICAL CENTER																									
400 AMP						120/208VOLTS				4 WIRE				60HZ				3PH				M820 - A			
						PHASE																			
AWG	COLOR	ITEM	TYPE LOAD	P	AMPS	CIRC.	A		B		C		P	AMPS	CIRC.	TYPE LOAD	ITEM	AWG	COLOR						
12	B	EXIT/EMERGENCY LT. INTERIOR & EXT. LTS	L	1	20	1	672	1200					1	20	2	R	AIR CURTAIN, RECEPT	12	B						
12	R	HEAT TAPE RECEPT	CL	1	20	3			600	200			1	20	4	K	INST. WTR. HTR. GAS	12	R						
12	BL	EXH. FAN RTU	H	1	20	5					456	1200	1	20	6	R	RECEPTS	12	BL						
12	B	AIR CURTAIN	K	1	20	7	576	5163					3	50	8	H	RTU 7.5 TON, GAS	8	B						
12	R	SPARE	K	1	20	9			600	5163			-	50	10	H	"	8	R						
12	BL	H.W. BOOSTER HEATER	K	1	20	11					360	5163	-	50	12	H	"	8	BL						
8	B	SPARE	K	3	45	13	0	839					2	20	14	K	GARBAGE DISPOSER	12	B						
8	R	"	K	-	45	15			0	839			-	20	16	K	"	12	R						
8	BL	"	K	-	45	17					0	839	1	20	18	K	"	12	BL						
10	B	BOOSTER HEATER 9KW - SPARE	K	3	30	19	0	5000					3	60	20	K	DISH MACHINE HEATER 15KW	6	B						
10	R	"	K	-	30	21			0	5000			-	60	22	K	"	6	R						
10	BL	"	K	-	30	23					0	5000	-	60	24	K	"	6	BL						
12	B	HEAT TAPE	NC	2	25	25	600	2080					2	30	26	K	MINI SPLIT UNIT, 2 TON	10	B						
12	R	HEAT TAPE	NC	-	25	27			600	2080			-	30	28	K	"	10	R						
12	BL	HEAT TAPE	NC	1	20	29					600	0			30		SPACE								
4/O		DISH MACHINE	K	3	250	31	22213																		
4/O		"	K	-	250	33		22213																	
4/O		"	K	-	250	35					22213														
							24061	14282	24013	13282	23629	12202													
							38343		37295		35831														
							CONN. VA		DEMAND FACTOR		DEMAND VA		LOAD TYPE KEY: K = KITCHEN LOAD L = LIGHTING LOAD NC = NON-CONTINUOUS LOAD R = RECEPTACLE LOAD CL = CONTINUOUS LOAD H = HVAC LOAD LM = LARGEST MOTOR LOAD M = MISC.												
TOTAL KITCHEN LOAD							=	85692	X	0.8	68553.6														
TOTAL LIGHTING LOAD							=	672	X	1.25	840.0														
TOTAL NON-CONT. LOAD							=	0	X	1	0.0														
TOAL RECEPTACLE LOAD							=	2400	X	1	2400.0														
TOTAL CONTINUOUS LOAD							=	600	X	1.25	750.0														
TOTAL HVAC LOAD							=	15489	X	1	15489.0														
LARGEST MOTOR LOAD							=	0	X	1.25	0.0														
TOTAL MISC. LOAD							=	10456	X	1	10456.0														
TOTAL VA PANEL "A"							=	115309			98488.6														
TOTAL VA							=	115309			98488.6														
TOAL AMPS							=	320.1			273.4														
							TOTAL=		111469		VA														
							I =		309.4		AMPS														

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Development Services Department
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STATE OF MISSOURI
GAYLORD RANSOM
NUMBER E-27812
REGISTERED PROFESSIONAL ELECTRICAL ENGINEER

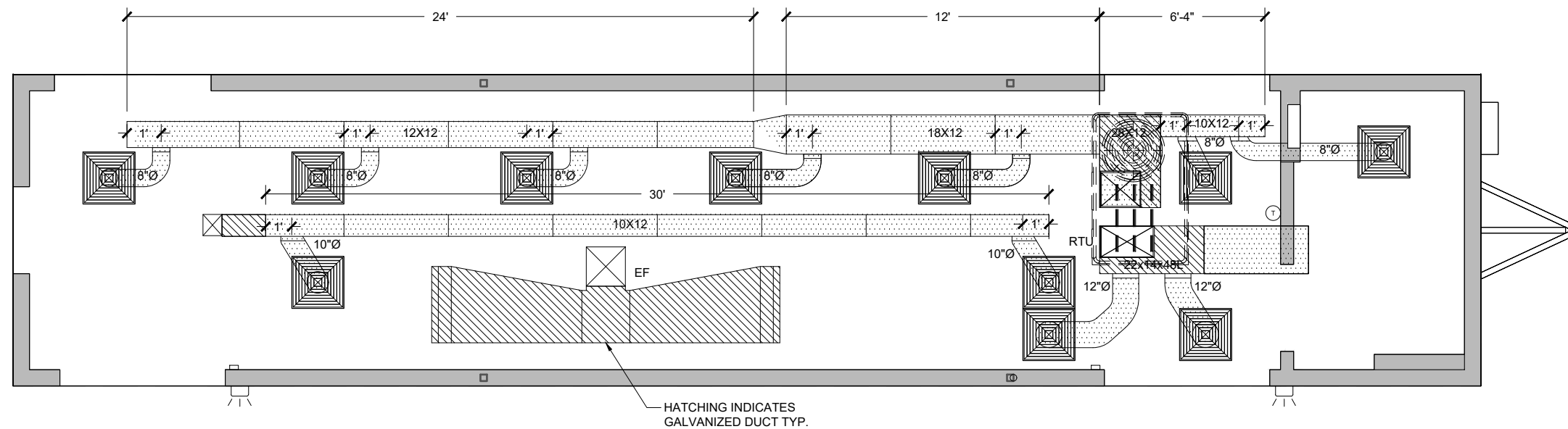
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1	04-25-25	Per Deviation Report	MMS
REV.	DATE	DESCRIPTION	NAME
DELTA 1		REV 1	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: N/A 22x34 SCALE: N/A			
Electrical Panel Schedule(S)			
Sheet (M820) E-601			

1. ALL DUCT WORK TO BE 13/16" FIBERGLASS INSULATED DUCT BOARD UNLESS NOTED OTHERWISE.

MUA - MAKE UP AIR UNIT (HVAC)
EF - EXHAUST FAN
RTU- ROOF TO UNIT (HVAC)

(T) THERMOSTAT



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DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: 3/16"=1'-0"			
22x34 SCALE: 3/8"=1'-0"			

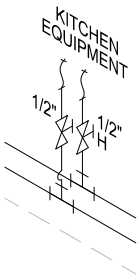
HVAC Ducting Plan

Sheet

(M820) M-101

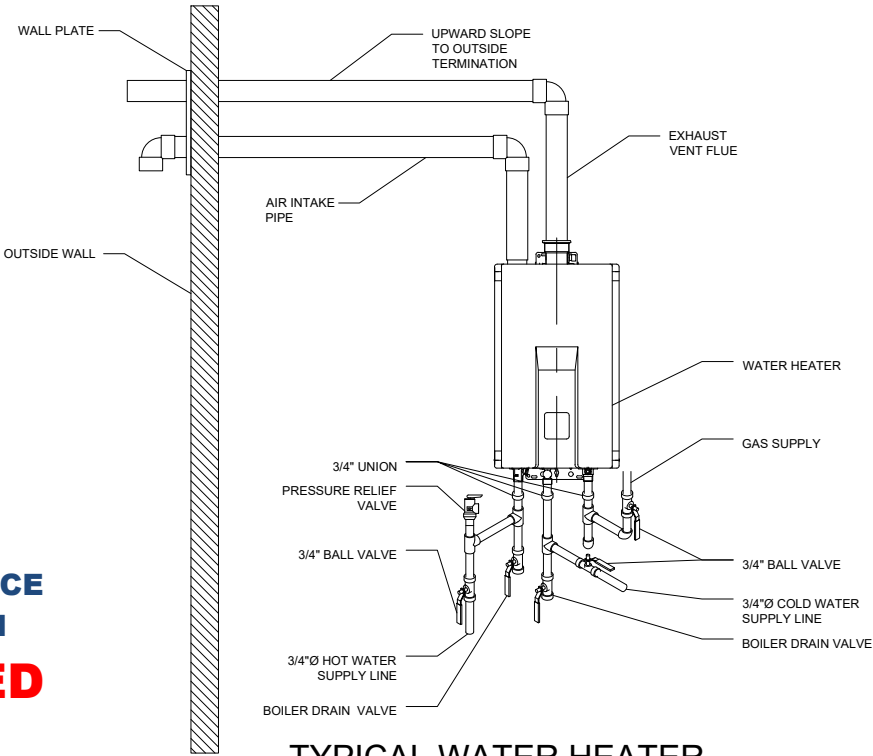
NOTES:

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT CODES AND REGULATIONS .
- USE (WHEN NOT VISUALLY EXPOSED TO INTERIOR OR EXTERIOR) COPPER PIPE TYPE K OR L WHEN EXPOSED TO PLUMB WATER LINES UNLESS OTHERWISE SPECIFIED.
- ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL. 2 HOLE STRAPS AT 3' O.C. MAX.
- ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURB, ETC.
- PRESSURE TEST WATER LINES (90-100 PSI) FOR LEAKS PRIOR TO EQUIPMENT FINAL CONNECTIONS.
- FOR STORAGE: DRAIN WATER LINES.
- EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING
- FOR MOP SINK USE 8" ADJ. SERVICE SINK FAUCET WITH SHORT SPOUT AND VACUUM BREAKER.
- WRAP ALL HOT WATER LINES WITH PIPE INSULATION.
- PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
- PRESSURE AVAILABLE ON SITE TO BE MAXIMUM 55PSI - MINIMUM 40PSI.
- FOR COLD CLIMATE LOCATION;
 - IF UNIT IS IN USE MAKE SURE THAT THE HEAT TAPE IS ALWAYS "ON".
 - IF THE UNIT IS NOT IN USE OR IN STORAGE, DRAIN ALL WATER AND WASTE LINES TO AVOID DAMAGE TO PIPES DUE WHEN METAL FITTINGS ARE EXPOSED TO METAL WALL STRUCTURAL, NEED TO ADD A THERMAL BREAK.
- WRAP ALL HOT & COLD PIPING THAT RUNS UNDER THE FLOOR WITH PIPE INSULATION.

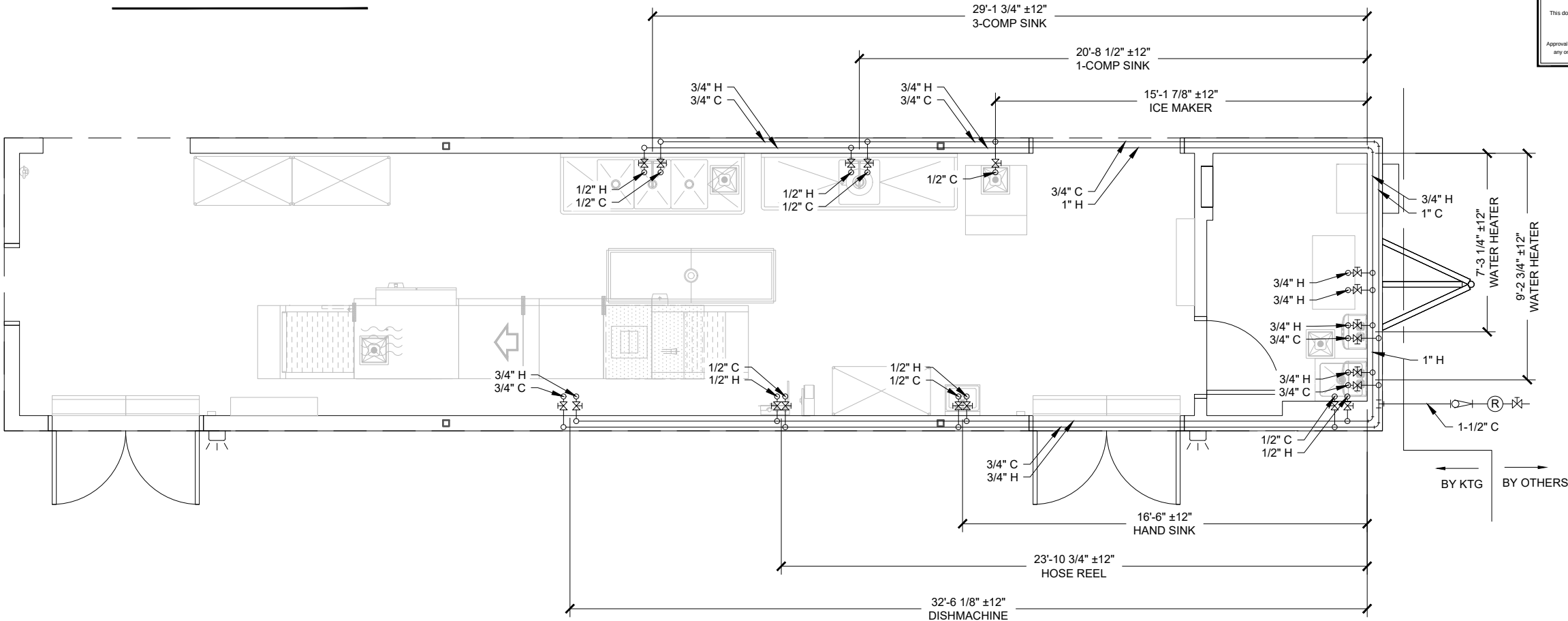


TYPICAL FRESH WATER CONNECTION DETAIL

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TYPICAL WATER HEATER INSTALLATION DETAIL



SYM	DESCRIPTION
H	HOT WATER LINE
C	COLD WATER LINE
(R)	PRESSURE REGULATOR
⊗	VALVE, BRASS BALL
⊕	TEE
⋈	90° ELBOW
⋈	FLEX HOSE ASSEMBLY (S.S. BRAIDED MPT x FPT SWIVEL)
⋈	QUICK DISCONNECT
⋈	VALVE 3-WAY
⋈	PUMP
⋈	VACUUM BREAKER
⋈	REDUCER
⋈	CHECK VALVE
⋈	POINT OF CONNECTION
⋈	WATER FILTRATION SYSTEM
⋈	PENETRATION
⋈	HOSE BIBB
⋈	CAP
⋈	BOILER DRAIN VALVE
⋈	PRESSURE RELIEF VALVE
⋈	UNION

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DELTA - REV -

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QUOTE NUMBER L24-050
UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: 3/16"=1'-0"
22x34 SCALE: 3/8"=1'-0"

Fresh Water Plumbing
Schematic

Sheet
(M820) P-601

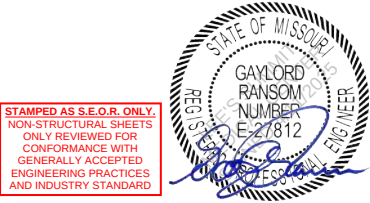
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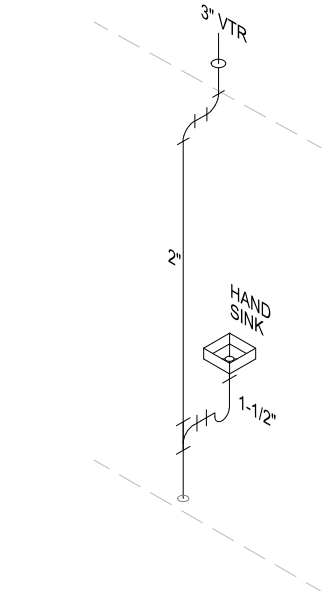
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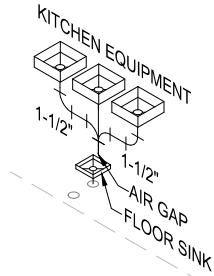
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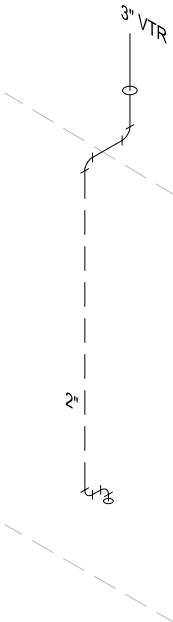
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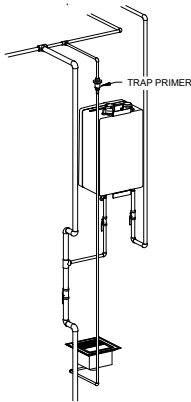
TYPICAL HAND SINK
WASTE WATER DETAIL



TYPICAL WASTE WATER
CONNECTION DETAIL



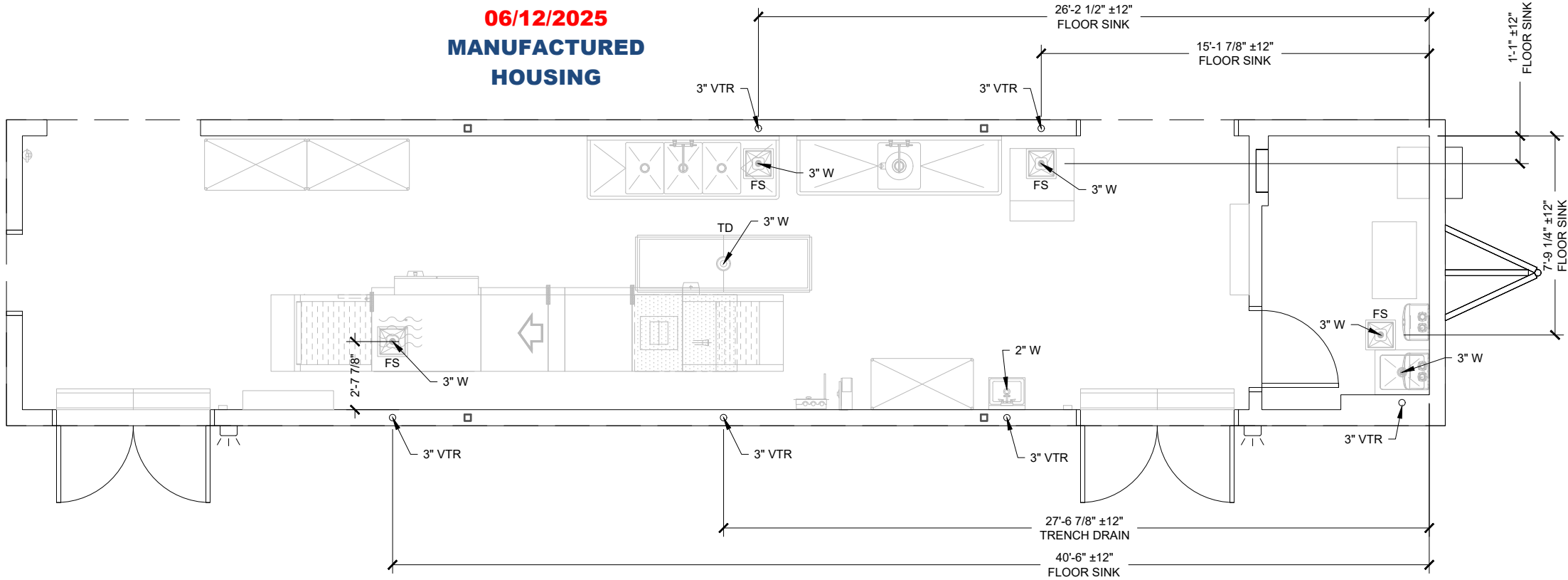
TYPICAL VTR
WASTE WATER DETAIL



TYPICAL TRAP
PRIMER DETAIL

- NOTES:
1. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL 2 HOLE STRAPS AT 3' O.C. MAX.
 2. TERMINATION VENT SHALL BE MINIMUM 2 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT SHALL BE MADE INSIDE THE STRUCTURE A MINIMUM OF 18 INCHES BELOW THE ROOF.
 3. ALL PLUMBING LINES SHALL BE OF SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
 4. SEWER LINES FROM FLOOR SINKS SHALL ALL BE SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
 5. FLOOR SINKS SHALL BE MOUNTED WITH EPOXY FLOOR RUN OVER THE EDGE AND DOWN TO THE BOTTOM OF THE VERTICALEGE OF THE FLOOR SINK.
 6. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING.
 7. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
 8. WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A APPROVED DRAIN LINE.
 9. ALL VENTS SHALL TERMINATE 18" MIN. ABOVE ROOF FINISH LINE UNLESS OTHERWISE SPECIFIED.
 10. HVAC CONDENSATION LINES SHALL DRAIN BY MEANS OF AN INDIRECT WASTE PIPE. THE WASTE PIPE SHALL HAVE A SLOPE NOT LESS THAN 1/8 INCH PER FOOT.
 11. CLEAN OUTS ARE TO BE READILY ACCESSIBLE ABOVE GRADE (TYP)
 12. FOR STORAGE, BLOW OUT WITH COMPRESSED AIR ALL WATER LINES.
 13. ADD MIXING VALVE TO DISHWASHER AND CONVECTION STEAMER TO REDUCE TEMPERATURE OF WATER COMING OUT OF THE DRAIN PIPE.
 14. ALL PLUMBING CONNECTIONS UNDER THE FLOOR TO BE DONE BY G.C. CONNECTIONS UNDER THE FLOOR SHOWN AS A SUGGESTED LAYOUT ONLY.

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DELTA - REV -

Drawn By: MMS	Approved By: -
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: 3/16"=1'-0"
22x34 SCALE: 3/8"=1'-0"

Waste Water Plumbing
Schematic

Sheet
(M820) P-602

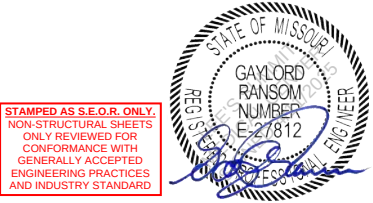
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Development Services Department
Lee's Summit, Missouri
07/29/2025
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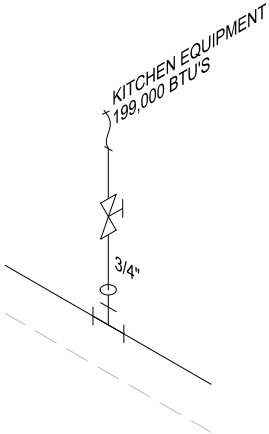
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ETNA GREEN, IN 46524

- NOTES:
1. GAS LINES SHALL BE IN BLACK STEEL PIPE, SCHEDULE 40, UNLESS OTHERWISE SPECIFIED.
 2. GAS LINES SHALL BE SUPPORTED WITH PIPE STRAPS.
 3. ELECTRICAL VALVE TO BE CONNECTED TO EMERGENCY SHUT OFF AND FIRE SUPPRESSION SYSTEM.
 4. A GAS LINE PRESSURE TEST TO BE COMPLETED PRIOR TO UNIT OCCUPANCY.
 5. LABELING: THE GAS PIPING SYSTEM SHALL BE LABELED:
 - a. AT A MINIMUM OF EVERY TEN FEET.
 - b. AT ALL CHANGES OF DIRECTION.
 - c. ON EACH SIDE OF A PENETRATION THROUGH A PARTITION, WALL , FLOOR OR CEILING; AND,
 - d. AT EVERY GAS SHUTOFF VALVE.
 - i. THE LABELS SHALL BE:
COLORED YELLOW WITH BLACK LETTERING, INDICATE THE TYPE OF GAS AND THE PRESSURE CONTAINED WITHIN THE PIPING SYSTEM, AND
 - ii. THE LETTERS SHALL BE SIZED SO THAT LABELING CAN BE READ FROM A NORMAL LINE OF VISION WHEN STANDING AT THE MAIN FLOOR LEVEL.
 6. PIPES TO BE RUN HORIZONTALLY ABOVE THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
 7. NATURAL GAS SUPPLY REGULATED TO 10.5" WC

TYPICAL GAS CONNECTION
DETAIL



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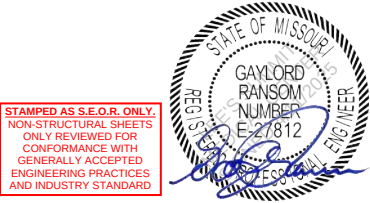
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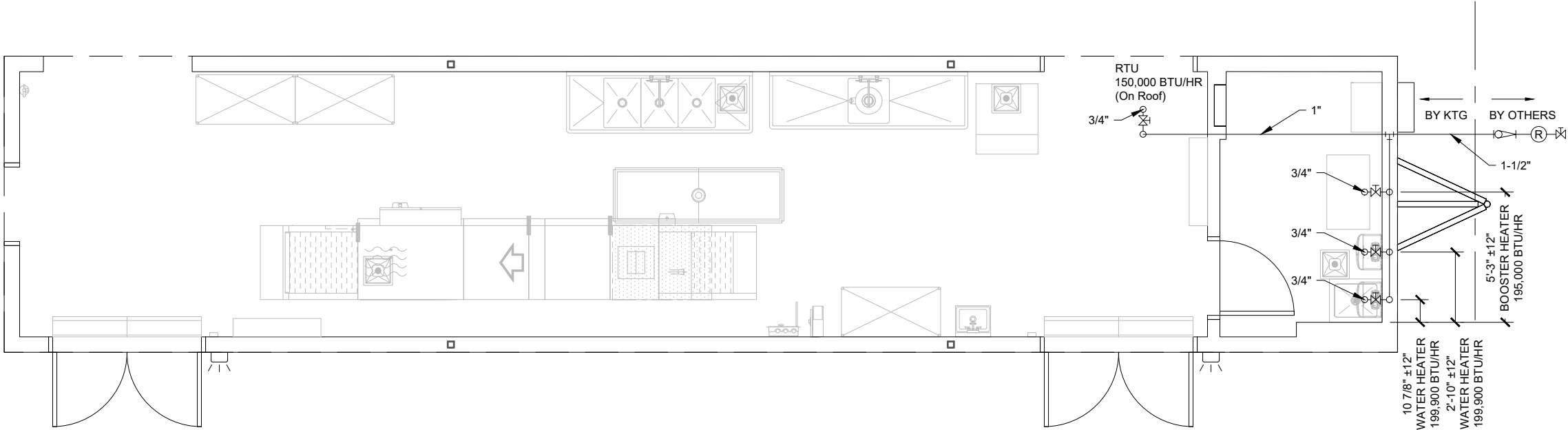
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REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682		
11x17 SCALE: 3/16"=1'-0"			
22x34 SCALE: 3/8"=1'-0"			

Gas Plumbing Schematic

Sheet
(M820) P-603

LEE'S SUMMIT
MEDICAL CENTER
COOK UNIT - M821

DRAWING INDEX

<u>SHEET NO.</u>	<u>SHEET CREATED</u>	<u>DESCRIPTION</u>	<u>REV. NUMBER</u>	<u>REV. DATE</u>	<u>REV. NOTE</u>
(M821) G-001		Cover Sheet & Drawing Index			
(M821) I-101		Interior Floor Plan and Equipment List			
(M821) E-101		Electrical Floor Plan Schematic			
(M821) E-601		Electrical Panel Schedule(S)			
(M821) E-602		Electrical Panel Schedule(S)			
(M821) M-501		Makeup Air Specifications			
(M821) M-502		Exhaust Hood Plan & Specifications			
(M821) M-503		Exhaust Hood Plan & Specifications			
(M821) M-504		Exhaust Fan & MUA Specs			
(M821) M-505		Exhaust Fan & MUA Specs			
(M821) M-506		Control Panel			
(M821) M-507		MUA Ducting Specifications			
(M821) M-508		Exhaust Fan Elevation			
(M821) P-601		Fresh Water Plumbing Schematic			
(M821) P-602		Waste Water Plumbing Schematic			
(M821) P-603		Gas Plumbing Schematic			

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[illegible]

REV.	DATE	DESCRIPTION	NAME
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DELTA -	REV -
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Drawn By: MMS	Approved By: -
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QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

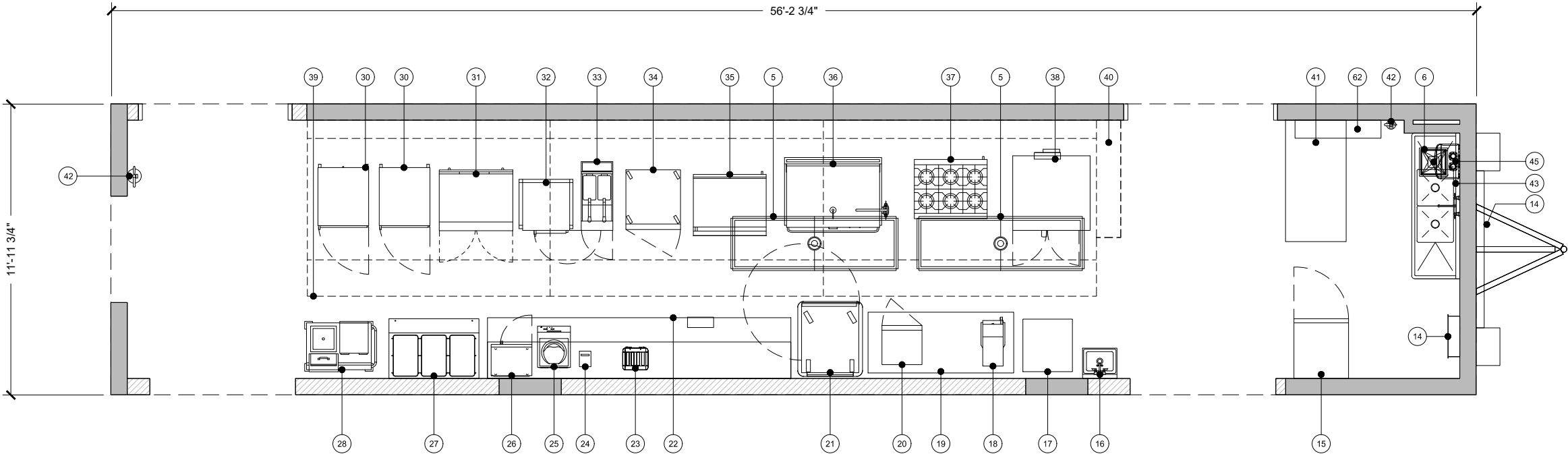
11x17 SCALE: N/A
22x34 SCALE: N/A

Cover Sheet & Drawing Index

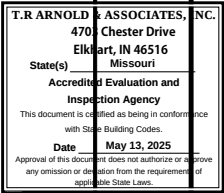
Sheet

(M821) G-001

EQUIPMENT SCHEDULE: CS = CLIENT SUPPLIED EQUIPMENT											
ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	CS
1	36" Interior Door	X		23	Toaster		X	45	Water Heater	X	
2	72" Entry Door	X		24	Ticket Printer		X	46	Mop Sink	X	
3	36" Air Curtain	X		25	Induction Heat Activator		X	47	8' x 20' Walk-In Cooler	X	
4	Flight Type Dish Machine	X		26	Microwave		X	48	8' x 20' Walk-In Freezer	X	
5	Trench Drain	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
9	1 Compartment Sink	X		31	Work Top Refrigerator	X		53	Modular Cashier Unit	X	
10	Not Used			32	Dual Stack Convection Steamer	X		54	Hot Food Serving Counter - 3 Well	X	
11	Garbage Disposal	X		33	Fryer	X		55	Hot Food Serving Counter - 2 Well	X	
12	3 Compartment Sink	X		34	Reach-In Freezer	X		56	Cold Food Serving Counter - 3 Well	X	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	X		57	Cold Food Serving Counter - 2 Well	X	
14	Electrical Panel	X		36	48" Tilt Skillet	X		58	Double Door Beverage Cooler		X
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		X
16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18	Coffee Brewer		X	40	Fire Suppression System	X		62	HVAC Unit	X	
19	Stainless Steel Work Table With Undershelf (30"x72")	X		41	Stainless Steel Work Table With Undershelf (30"x60")	X		63	Floor Sink, Covered & Sealed	X	
20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershelf And Overshelf (30"x150")		X	44	Booster Heater	X					



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REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682		
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Interior Floor Plan And Equipment List			
Sheet			
(M821) I-101			

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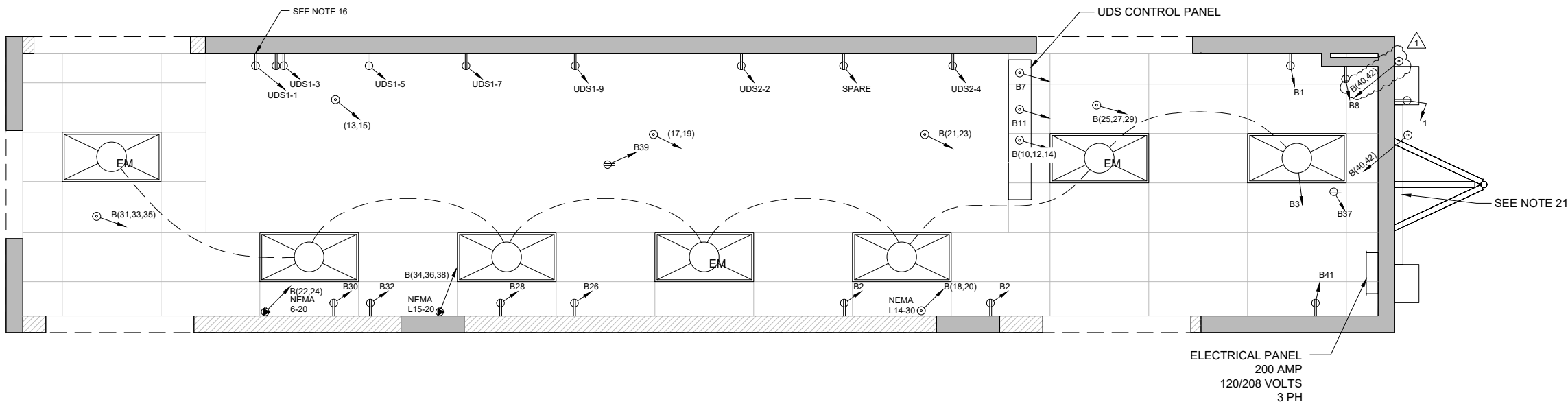
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NOTES:

- CONDUIT FROM ELECTRICAL PANEL TO EQUIPMENT JUNCTION BOX TO BE RUN INSIDE WALLS, CEILING OR UNDER FLOOR WHERE POSSIBLE.
- ALUMINUM RACEWAY TO BE USED WHEN TRANSITION FROM ELECTRICAL PANEL TO JUNCTION BOX OR JUNCTION BOX TO JUNCTION BOX DOES NOT PERMIT RECESSED CONDUIT.
- WHEN RECESSED JUNCTION BOX IS NOT POSSIBLE, USE A SURFACE MOUNTED ALUMINUM WATER TIGHT JUNCTION BOX.
- ALL VERTICAL DIMENSIONS ARE FROM FINISH FLOOR. ALL HORIZONTAL DIMENSIONS ARE FROM INSIDE FINISH WALL.
- WIRING ABOVE SUSPENDED CEILINGS SHALL BE AC CABLE OR SIMILAR. NM CABLE MAY NOT BE USED ABOVE SUSPENDED CEILINGS.
- NOT USED.
- ALL 120 VOLTS, 15 AND 20 AMP RECEPTACLES TO BE GFCI PROTECTED.
- THE LIGHT INTENSITY SHALL BE AT LEAST 50 FOOT-CANDLES ON ALL FOOD PREPARATION SURFACES AND AT EQUIPMENT OR UTENSIL-WASHING WORK LEVELS.
- THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES AT A DISTANCE OF 30" ABOVE THE FLOOR IN THE FOLLOWING:
 - UTENSIL AND EQUIPMENT STORAGE AREAS.
 - SINKS AND TOILET AREAS.
 - WALK-IN REFRIGERATION UNITS.
 - DRY FOOD STORAGE AREAS.
 - ALL OTHER AREAS.THIS INCLUDES THE AREAS WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE, SUCH AS BUFFETS AND SALAD BARS, AND ROOMS DURING PERIODS OF CLEANING.
- THE LIGHT INTENSITY SHALL BE AT LEAST 20 FOOT-CANDLES INSIDE EQUIPMENT, SUCH AS REACH-IN AND UNDER-COUNTER REFRIGERATORS.
- EXCEPT AS SPECIFIED IN NOTE 13, LIGHT BULBS SHALL BE SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS:
 - EXPOSED FOOD
 - CLEAN EQUIPMENT, UTENSILS, AND LINENS; OR
 - UNWRAPPED SINGLE-SERVICE AND SINGLE-USE ARTICLES.
- SHIELDED, COATED, OR OTHERWISE SHATTER-RESISTANT BULBS NEED NOT BE USED ONLY FOR STORING FOOD IN UNOPENED PACKAGE IF THE:
 - INTEGRITY OF THE PACKAGES CANNOT BE AFFECTED BY BROKEN GLASS FALLING ONTO THEM; AND
 - PACKAGES ARE CAPABLE OF BEING CLEANED OF DEBRIS FROM BROKEN BULBS BEFORE THE PACKAGES ARE OPENED.
- AN INFRARED OR OTHER HEAT LAMP SHALL BE PROTECTED AGAINST BREAKAGE BY SHIELD SURROUNDING AND EXTENDING BEYOND THE BULB SO THAT ONLY THE FACE OF THE BULB IS EXPOSED.
- ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.
- CIRCUITS #B2, B(18,20), B(22,24), B26, B28, B30, B32, B(34,36,38) TO BE CORD DROPS.
- UDS CIRCUIT NUMBERS ARE USED AS A GUIDE ONLY TO LOCATE THE CIRCUITS AND TO CALCULATE THE ELECTRICAL LOAD FOR THE TWO UDS SECTIONS.
- ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED LTG. CIRCUIT PER NEC.
- ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER NEC.
- MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.
- PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.
- TEMPORARY CONNECTION BETWEEN EXTERIOR J-BOXES TO FEED THE UDS FROM INTERIOR ELECTRICAL PANEL (FOR GAS/ELECTRIC PROJECTS)



ELECTRICAL SYMBOL LEGEND	
	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS
	EMERGENCY BATTERY BACKUP
	4' - 4 TUBE FLUORESCENT FIXTURE
	4' - 3 TUBE FLUORESCENT FIXTURE
	SINGLE OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - SURFACE MOUNTED
	FOURPLEX OUTLET - FLUSH MOUNTED
	FOURPLEX OUTLET - SURFACE MOUNTED
	HARDWIRE CONNECTION - FLUSH MOUNTED
	HARDWIRE CONNECTION - SURFACE MOUNTED
	208V OUTLET - FLUSH MOUNTED
	208V OUTLET - SURFACE MOUNTED
	EXHAUST FAN
	SWITCH - FLUSH MOUNTED
	SWITCH - SURFACE MOUNTED
	3-WAY SWITCH - FLUSH MOUNTED
	3-WAY SWITCH - SURFACE MOUNTED
	DENOTES CIRCUIT NUMBER (#8)
	EXT. SCENE LIGHT / ENTRY LIGHT
	VAPOR PROOF LIGHT/HOOD LIGHT
	EMERGENCY EXIT LIGHT

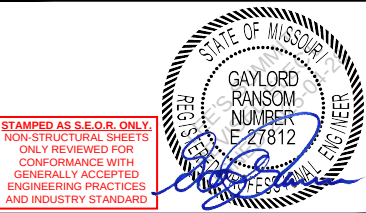
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MEDICAL CENTER

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APPROVED BY CLIENT

BY:

DATE:

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1	04-25-25	Per Deviation Report	MMS
REV.	DATE	DESCRIPTION	NAME

DELTA 1 | REV 1

Drawn By: MMS	Approved By: -
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: 3/16"=1'-0"
22x34 SCALE: 3/8"=1'-0"

Electrical Floor Plan
Schematic

Sheet

(M821) E-101

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NOTES:

1. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE HOT DIPPED GALVANIZED, ALL FITTINGS SHALL BE OF THE SCREW THREAD TYPE. COUPLINGS, LOCKNUTS, BUSHINGS, ETC., SHALL BE HOT DIPPED GALVANIZED.
2. ELECTRICAL METALLIC TUBING (EMT) SHALL BE GALVANIZED. COUPLINGS AND CONNECTORS SHALL BE GALVANIZED. FITTINGS SHALL BE COMPRESSION TYPE WITH GLAND SEALING RINGS OR SET SCREW TYPE.
3. FLEXIBLE CONDUIT SHALL BE GALVANIZED STEEL OR ALUMINUM. WHERE USED IN DAMP OR WET LOCATIONS FLEXIBLE CONDUIT SHALL BE OF THE LIQUID-TIGHT TYPE WITH OUTER NEOPRENE JACKET AND SUITABLE LIQUID-TIGHT FITTINGS.
4. WIRE AND CABLE FOR USE ON SYSTEMS OF 50 VOLTS TO 600 VOLTS SHALL BE 600 VOLT RATED TYPE THW OR THHN FOR BRANCH CIRCUITS. FEEDERS SHALL BE THHN (THWN IN WET LOCATIONS).
5. WIRE AND CABLE FOR USE ON SYSTEMS OF BELOW 50 VOLTS SHALL BE 300 VOLT PVC INSULATED AND SUITABLE FOR THE CLASS OF WIRING EXCEPT AS OTHERWISE INDICATED OR SPECIFIED.
6. ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE - 12GA THHN (THWN IN WET LOCATIONS)
7. STANDARD WEIGHT RIGID METAL CONDUIT SHALL BE USED WHERE EXPOSED TO THE WEATHER, PLACED UNDERGROUND BELOW CONCRETE SLAB, IN CONCRETE OR MASONRY CONSTRUCTION IN CONTACT WITH EARTH.
8. GALVANIZED STEEL ELECTRICAL METALLIC TUBING SHALL BE USED IN ABOVE GROUND, INTERIOR, DRY LOCATIONS PROTECTED FROM WEATHER AND PHYSICAL DAMAGE, AND MAY BE USED IN CONCRETE OR MASONRY CONSTRUCTION NOT IN CONTACT WITH EARTH.
9. FLEXIBLE METALLIC CONDUIT SHALL BE USED TO CONNECT CONDUIT SYSTEMS TO MOTORS, DIRECT WIRED AND VIBRATING EQUIPMENT AND AS A FINAL CONNECTION TO LIGHTING FIXTURES (6' MAX) IN ACCESSIBLE CEILINGS. IT MAY BE USED AS A WIRING SYSTEM INSTEAD OF EMT IN INTERIOR WALLS ONLY (DRY FRAME OR STUD CONSTRUCTION).
10. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

LEE SUMMIT MEDICAL CENTER																			
200 AMP				120/208VOLTS				4 WIRE				60HZ				3PH			
																M821 - B			
AVG	COLOR	ITEM	LOAD TYPE	P	AMPS	ORC.	A		B		C		P	AMPS	ORC.	LOAD TYPE	ITEM	AVG	COLOR
12	B	RECEPTS	R	1	20	1	1200	876					1	20	2	K	COUNTER TOP FREEZER/AIRSCREEN REFRIGERATOR	12	B
12	R	LIGHTS	L	1	20	3			800	0			2	20	4	K	20 & 21 SPARE	12	R
12	BL	SPARE	K	1	20	5					0	0	-	20	6	K	SPARE	12	BL
12	B	HOOD CONTROLS	K	1	20	7	400	200					1	20	8		WATER HEATER	12	BL
12	R	SPARE	R	1	20	9			1200	2356			3	50	10	K	45 UDS SYSTEM	8	R
12	BL	HOOD CONTROLS	K	1	20	11					400	3580	-	50	12	K	"	8	BL
12	B	EXHAUST FAN #1	CL	2	20	13	1173	444					-	50	14	K	"	8	B
12	R	"	CL	-	20	15			1173	1173			1	20	16	R	QUAD	12	R
12	BL	EXHAUST FAN #2	CL	2	20	17					1173	1325	2	30	18	K	COFFEE BREWER	10	BL
12	B	"	CL	-	20	19	1173	1325					-	30	20	K	18 "	10	B
12	R	EXHAUST FAN #3	CL	2	20	21			1173	1600			2	20	22	K	HEATED PLATE DISPENSER	12	R
12	BL	"	CL	-	20	23					1173	1600	-	20	24	K	28 "	12	BL
8	B	MUA 1	CL	3	40	25	2294	1800					1	20	26	K	TOASTER	12	B
8	R	"	CL	-	40	27			2294	400			1	20	28	K	23 TICKET PRINTER	12	R
8	BL	"	CL	-	40	29					2294	1500	1	20	30	K	24 3 WELL HOT FOOD TABLE	12	BL
12	B	MUA 2	CL	3	20	31	1021	2000					1	20	32	K	27 MICROWAVE	12	B
12	R	"	CL	-	20	33			1021	1801			3	20	34	K	26 INDUCTION HEAT ACTIVATOR	12	R
12	BL	"	CL	-	20	35					1021	1801	-	20	36	K	25 "	12	BL
12	B	HEAT TAPE 1	NC	1	20	37	1200	1700					-	20	38	K	"	12	BL
12	R	HEAT TAPE 2	NC	1	20	39			1200	2080			2	25	40	M	62 MINI SPLIT UNIT 2 TON	10	R
12	BL	REACH IN REFRIGERATOR	K	1	20	41					264	2080	-	25	42	M	"	10	BL
		15					8461	8345	8861	9410	6325	11886							
							16806		18271		18211								
							CONN. VA		DEMAND FACTOR		DEMAND VA		LOAD TYPE KEY:						
TOTAL KITCHEN LOAD							=	25372	X	0.65	16491.8		K = KITCHEN LOAD						
TOTAL LIGHTING LOAD							=	800	X	1.25	1000.0		L = LIGHTING LOAD						
TOTAL NON-CONT. LOAD							=	2400	X	1	2400.0		NC = NON-CONTINUOUS LOAD						
TOTAL RECEPTACLE LOAD							=	3573	X	1	3573.0		R = RECEPTACLE LOAD						
TOTAL CONTINUOUS LOAD							=	16983	X	1.25	21228.8		CL = CONTINUOUS LOAD						
TOTAL HVAC LOAD							=	0	X	1	0.0		H = HVAC LOAD						
LARGEST MOTOR LOAD							=	0	X	1.25	0.0		LM = LARGEST MOTOR LOAD						
TOTAL MISC. LOAD							=	4160	X	1	4160.0		M = MISC.						
TOTAL VA SECTION "A"							=	53288			48853.6								
TOTAL VA							=	53288			48853.6								
TOTAL AMPS							=	147.9			135.6								
							TOTAL=			48853.6 VA									
							I =			135.6 AMPS									

MISSOURI
PUBLIC SERVICE
COMMISSION
APPROVED
06/12/2025
MANUFACTURED
HOUSING

4/25/2025 12:17:13 PM

T.R. ARNOLD & ASSOCIATES, INC.
4701 Chester Drive
Elkport, IN 46516
Missouri
State(s)
Accreditation Evaluation and Inspection Agency
This document is certified as being in conformance with State Building Codes.
Date May 13, 2025
Approval of this document does not authorize or disavow any omission or deviation from the requirement of applicable State Laws.



FDBY LEE'S SUMMIT
MEDICAL CENTER

2100 SE Blue Pkwy
Lee's Summit, MO 64063

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Development Services Department
Lee's Summit, Missouri
07/29/2025
We Keep You Cooking!

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STATE OF MISSOURI
GAYLORD RANSOM
NUMBER E-27812
REGISTERED PROFESSIONAL ELECTRICAL ENGINEER

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AND INDUSTRY STANDARD

HCA
MIDWEST
HEALTH

FDBY LEE'S SUMMIT
MEDICAL CENTER

2100 SE Blue Pkwy
Lee's Summit, MO 64063

1	04-25-25	Per Deviation Report	MMS		
REV.	DATE	DESCRIPTION	NAME		
DELTA 1		REV 1			
Drawn By: MMS		Approved By: -			
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682			
11x17 SCALE: N/A 22x34 SCALE: N/A					
Electrical Panel Schedule(S)					
Sheet (M821) E-601					

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2100 SE Blue Pkwy
Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME

DELTA -	REV -
---------	-------

Drawn By: MMS	Approved By: -
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: N/A
22x34 SCALE: N/A

Electrical Panel Schedule(S)

Sheet
(M821) E-602

4/8/2025 1:40:40 PM

SUBMITTAL SET

LEE SUMMIT MEDICAL CENTER																		
120/208VOLTS 4 WIRE 60HZ 3PH																		
MB21-UDS 1 SECTION EQUIPMENT BELOW																		
400 AMP																		
MB21-UDS 2 SECTION EQUIPMENT BELOW																		
PHASE																		
AVG	COLOR	ITEM	LOAD TYPE	P	AMPS	CIRC	A		B		C		P	AMPS	CIRC	LOAD TYPE	ITEM	AVG
12	B	HOT HOLDING CABINET 1	K	1	20	1	1900	216					1	20	2	K	40 GAL SKILLET	12
		30															36	
12	R	HOT HOLDING CABINET 2	K	1	20	3			1900	1440			1	20	4	K	DUAL STACK CONVECTION OVEN	12
		30															38	
12	BL	WORKTOP REFRIGERATOR	K	1	20	5					444	0						
		31																
12	B	DUAL STACK CONVECTION STEAMER	K	1	20	7	240	0										
		32																
12	R	REACH IN FREEZER	K	1	20	9			240	0								
		34																
											0	0						
							2140	216	2140	1440	444	0						
							2356		3580		444							
							CONN. VA	DEMAND FACTOR	DEMAND VA									
TOTAL KITCHEN LOAD							=	6380	X	0.65	4147.0	LOAD TYPE KEY:						
TOTAL LIGHTING LOAD							=	0	X	1.25	0.0	K = KITCHEN LOAD						
TOTAL NON-CONT. LOAD							=	0	X	1	0.0	L = LIGHTING LOAD						
TOTAL RECEPTACLE LOAD							=	0	X	1	0.0	NC = NON-CONTINUOUS LOAD						
TOTAL CONTINUOUS LOAD							=	0	X	1.25	0.0	R = RECEPTACLE LOAD						
TOTAL HVAC LOAD							=	0	X	1	0.0	CL = CONTINUOUS LOAD						
LARGEST MOTOR LOAD							=	0	X	1.25	0.0	H = HVAC LOAD						
												LM = LARGEST MOTOR LOAD						
TOTAL VA SECTION "A"							=	6380			4147.0							
TOTAL VA							=	6380			4147.0							
TOTAL AMPS							=	17.7			11.5							
TOTAL =							6380.0	VA										
I =							17.7	AMPS										

200 AMP				LEE SUMMIT MEDICAL CENTER				120/208VOLTS				4 WIRE				60HZ				3PH				MB21-MUA COND. UNITS			
PHASE																											
AVG	DOLOR	ITEM	LOAD TYPE	P	AMPS	CIRC	A		B		C		P	AMPS	CIRC	LOAD TYPE	ITEM	AVG									
10	B	MB21-MUA 1 COND UNIT 1	M	3	30	1	2570	2570					3	30	2	M	MB21-MUA 1 COND UNIT 3	10									
10	R	"	M	-	30	3			2570	2570			-	30	4	M	"	10									
10	BL	"	M	-	30	5					2570	2570	-	30	6	M	"	10									
10	B	MB21-MUA 1 COND UNIT 2	M	3	30	7	2570	2570					3	30	8	M	MB21-MUA 1 COND UNIT 4	10									
10	R	"	M	-	30	9			2570	2570			-	30	10	M	"	10									
10	BL	"	M	-	30	11					2570	2570	-	30	12	M	"	10									
						13	0	2570					3	30	14	M	MB21-MUA 1 COND UNIT 5	10									
						15			0	2570			-	30	16	M	"	10									
						17					0	2570	-	30	18	M	"	10									
						19	0	0							20												
						21			0	0					22												
						23					0	0			24												
						25	0	0							26												
						27			0	0					28												
						29					0	0			30												
							5140	7710	5140	7710	5140	7710															
							12850		12850		12850																
							CONN. VA	DEMAND FACTOR		DEMAND VA		LOAD TYPE KEY:															
TOTAL KITCHEN LOAD							=	0	X	1	0.0	K = KITCHEN LOAD															
TOTAL LIGHTING LOAD							=	0	X	1	0.0	L = LIGHTING LOAD															
TOTAL NON-CONT. LOAD							=	0	X	1	0.0	NC = NON-CONTINUOUS LOAD															
TOTAL RECEPTACLE LOAD							=	0	X	1	0.0	R = RECEPTACLE LOAD															
TOTAL CONTINUOUS LOAD							=	0	X	1	0.0	CL = CONTINUOUS LOAD															
TOTAL HVAC LOAD							=	0	X	1	0.0	H = HVAC LOAD															
LARGEST MOTOR LOAD							=	0	X	1	0.0	LM = LARGEST MOTOR LOAD															
TOTAL MISC. LOAD							=	38550	X	1	38550.0	M = MISC.															
TOTAL VA SECTION "A"							=	38550			38550.0																
TOTAL VA							=	38550			38550.0																
TOTAL AMPS							=	107.0			107.0																
							TOTAL= 38550.0 VA																				
							I = 107.0 AMPS																				

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4701	Chester Drive
Elkhardt, IN 46516	
State(s)	Missouri
Accredited Evaluation and Inspection Agency	
This document is certified as being in conformance with State Building Codes.	
Date	May 13, 2025
Approval of this document does not authorize or disavow any opinion or determination from the requirement of applicable State Laws.	

NOTES:
PANEL SCHEDULE USED ONLY AS A GUIDE AND REPRESENTATION
OF THE CIRCUITS REQUIRED BY THE LEFT HALF SECTION OF THE
UDS SYSTEM (400 AMP SECTION) "UDS 1" AND RIGHT HALF
SECTION OF THE UDS SYSTEM (400 AMP SECTION) "UDS-2)

UDS-1 AND UDS-2 TO BE MCB PROTECTED PANELS WITH 120V SHUNT TRIP. INTERLOCK SHUNT TRIP MODULES FROM EACH PANEL WITH DRY CONTACTS IN ANSUL CAB. COORD. EXACT TERMINATION REQUIREMENT WITH ANSUL INSTALLATION & SHOP DWG'S

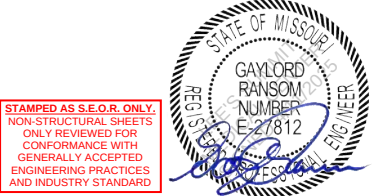
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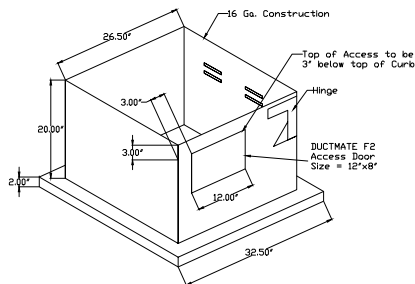
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DELTA -	REV -
---------	-------

QUOTE NUMBER	UNIT NUMBER
L24-050	M820, M821, M681, M682

Sheet
(M821) M-502

SUBMITTAL SET



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06/12/2025

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HOUSING**

REVISIONS	
DESCRIPTION	DATE:
△	
△	
△	
△	

LEE SUMMIT
Cook Mod #821
LEE'S SUMMIT, MO

DATE: _____

DWG.#:
2516893

DRAWN BY: BDN-81

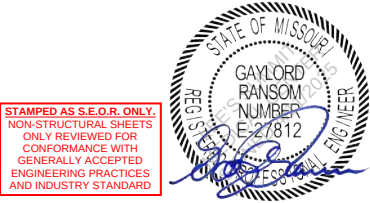
SCALE:
3/4" = 1'-0"

Specification

SHEET NO.
2 of 8

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SUITE 223
NAPERVILLE, IL. 60540
630-355-1660
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BY MOBILE MODULAR
DBA MOBILE MANAGEMENT CORP.
9876 WEST OLD US 30
ETNA GREEN, IN 46524



FDBY LEE'S SUMMIT
MEDICAL CENTER

2100 SE Blue Pkwy
Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME
------	------	-------------	------

DELTA - REV -

Drawn By: MMS Approved By: -

QUOTE NUMBER L24-050 UNIT NUMBER M820, M821, M681, M682

11x17 SCALE: N/A
22x34 SCALE: N/A

Exhaust Hood Plan & Specifications

Sheet
(M821) M-503

4/8/2025 1:40:56 PM

SUBMITTAL SET

REVISIONS

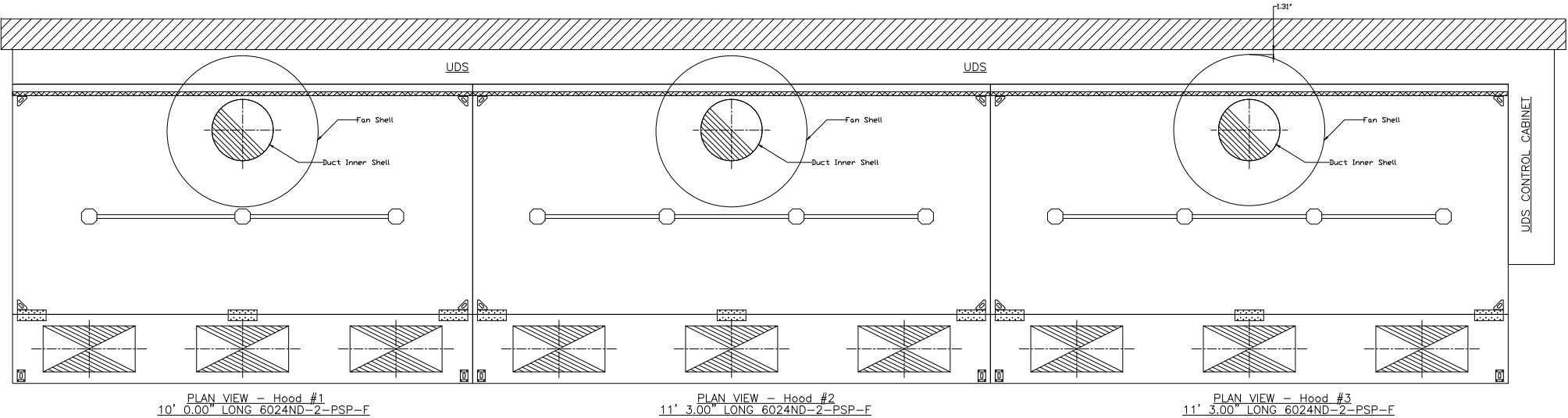
DESCRIPTION	DATE

Los Angeles Office
Santa Monica, CA 90404 PHONE: (310) 876-8805 FAX: (310) 747-5639 EMAIL: reg81@captivaire.com
WWW.CAPTIVAIRES.COM

LEE'S SUMMIT
Cook Mod #821
LEE'S SUMMIT, MO

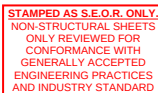
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DWG.#:
2516893
DRAWN BY: BDN-81
SCALE:
3/4" = 1'-0"
Specification

SHEET NO.
3 of 8



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[illegible]

DELTA -	REV -
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MMS	-
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682

Exhaust Fan & MUA Specs

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

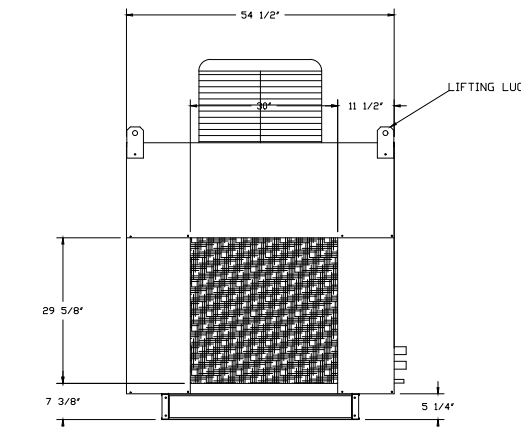
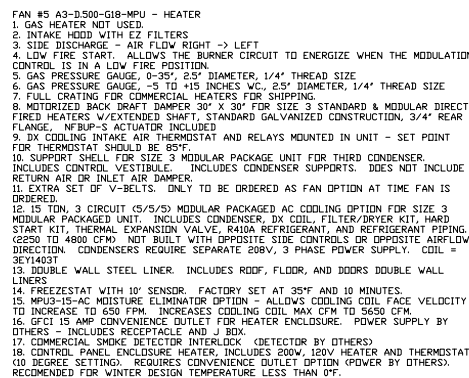
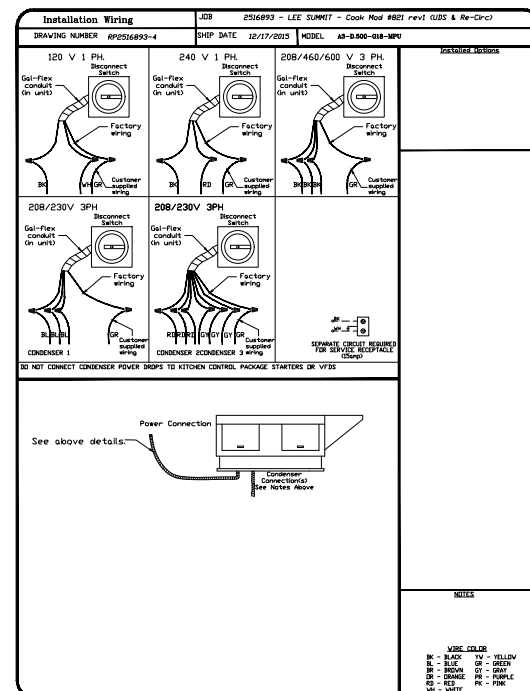
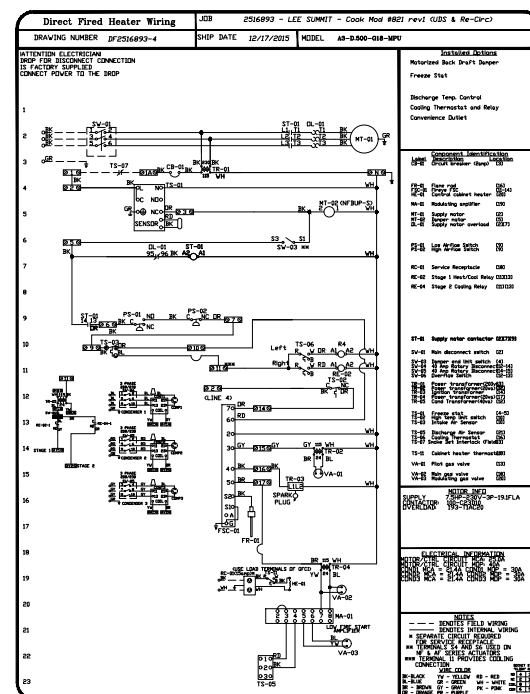
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(M821) M-504

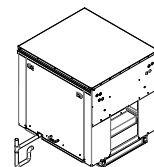
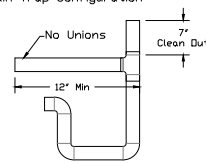
4/8/2025 1:41:08 PM

SUBMITTAL SET

LEE SUMMIT Cook Mod #821 LEE'S SUMMIT, MD  T. J. Smith Professional Engineer State of Maryland No. 14482 Exp. 01/14/2024		REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">DESCRIPTION</th> <th style="width: 20%;">DATE:</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	DESCRIPTION	DATE:								
DESCRIPTION	DATE:											
CAPTIVE Los Angeles Office www.captiveallright.com 10000 Wilshire Blvd., Suite 241, Santa Monica, CA 90404 PHONE: (310) 876-8505 FAX: (919) 747-5639 EMAIL: reg181@captiveallright.com 												
DATE: DWG.#: 2516893 DRAWN BY: BDN-81 SCALE: 3/4" = 1'-0" Specification SHEET NO. 4 of 8												



Typical Drain Trap Install

Recommended Cooling Coil
Drain Trap Configuration

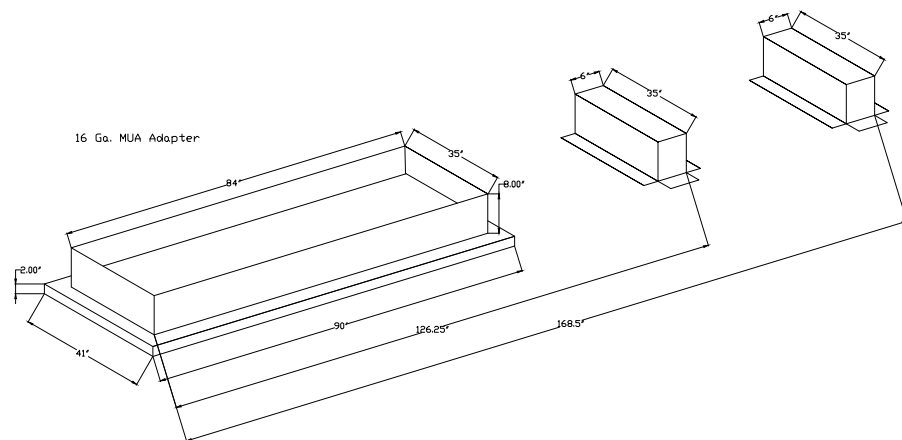
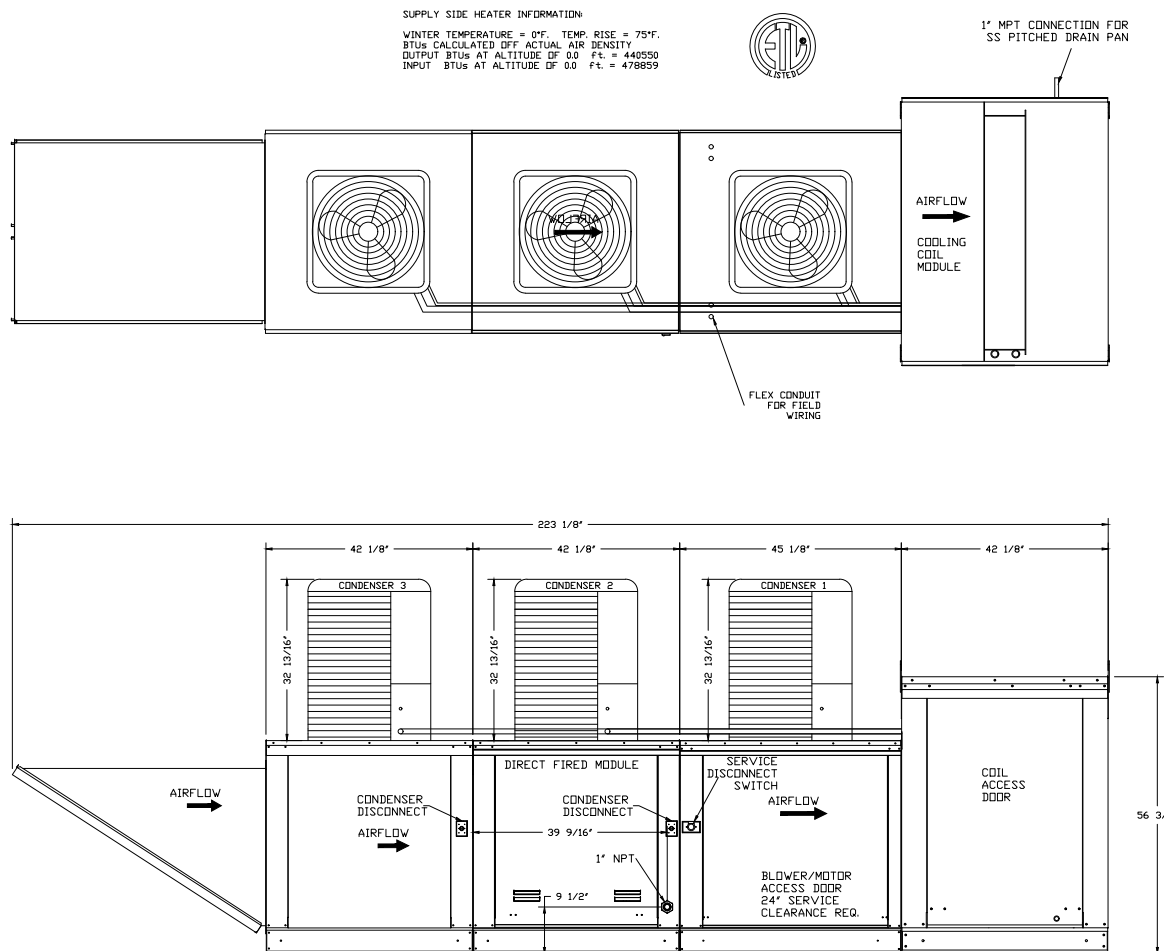
Notes:
1) 1" diameter PVC Pipe only
2) Use only low profile couplings
3) Add clean out as shown

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2100 SE Blue Pkwy
Lee's Summit, MO 640

[illegible]

REV.	DATE	DESCRIPTION	NAME
------	------	-------------	------

DELTA -	REV -
---------	-------

Drawn By:	Approved By:
MMS	

MMS	-
QUOTE NUMBER	UNIT NUMBER

L24-050	M820, M821, M681, M682
11x17 SCALE: N/A	

22x34 SCALE: N/A

Exhaust Fan & MUA Specs

1. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

Sheet

(M821) M-505

4/8/2025 1:41:20 PM

SUBMITTAL SET

REVISIONS		DATE
DESCRIPTION		
△		
△		
△		
△		

CAPTIVE

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LEE'S SUMMIT

Cook Mod #821

LEE'S SUMMIT, MO

Los Angeles Office

A
1

DATE:	
DWG.#:	2516893
DRAWN BY:	BDN-81
SCALE:	3/4" = 1'-0"
Specification	

SHEET NO.

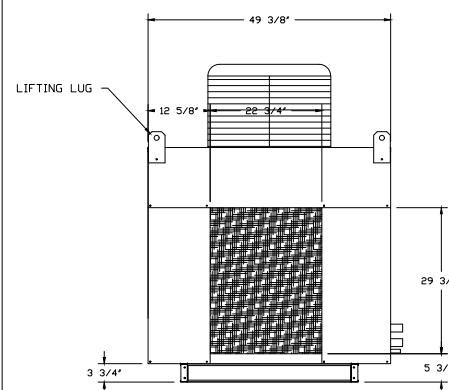
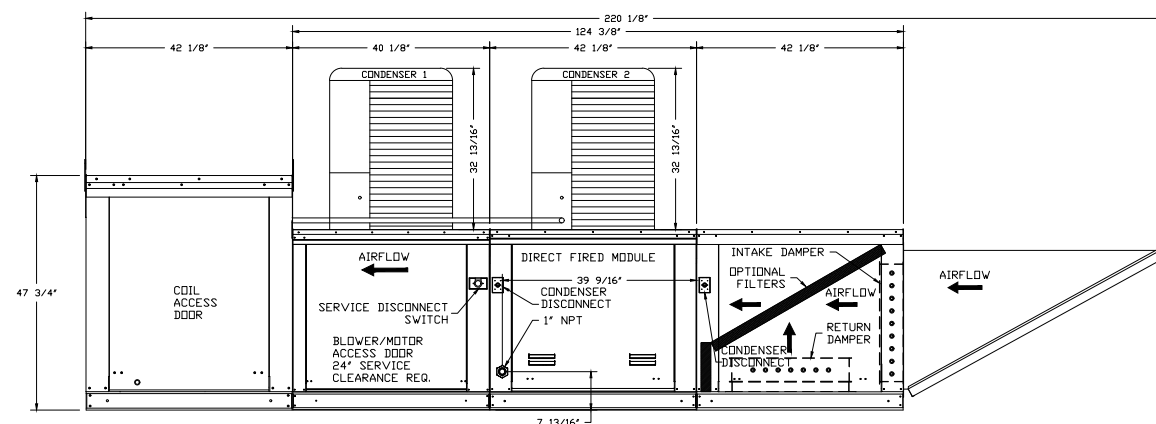
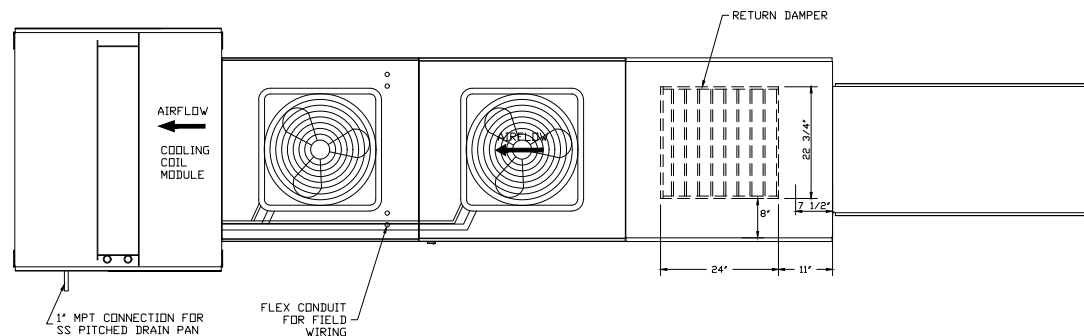
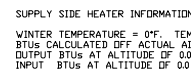
5 of 8

**MISSOURI
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COMMISSION**

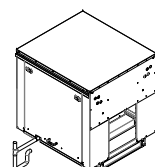
APPROVED

06/12/2025

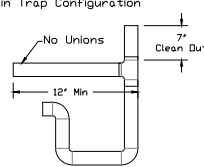
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Typical Drain Trap Instal

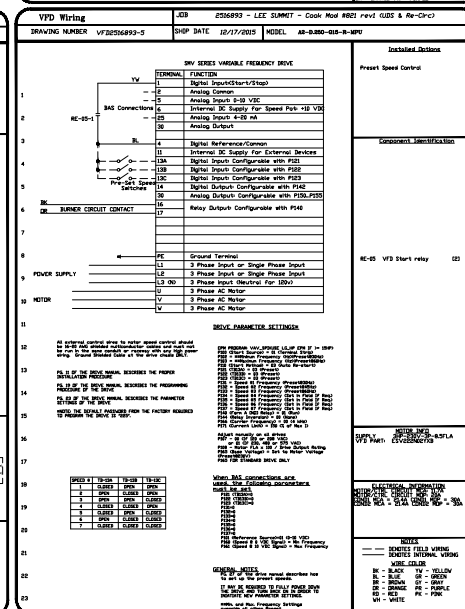
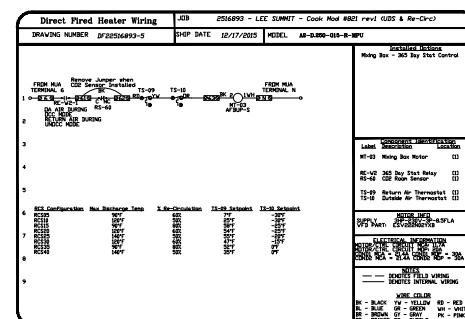
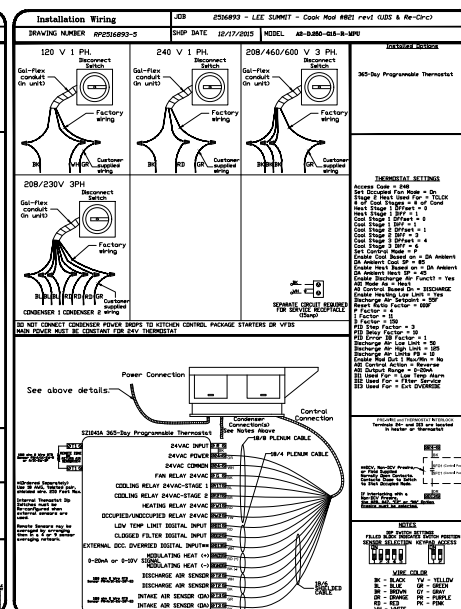
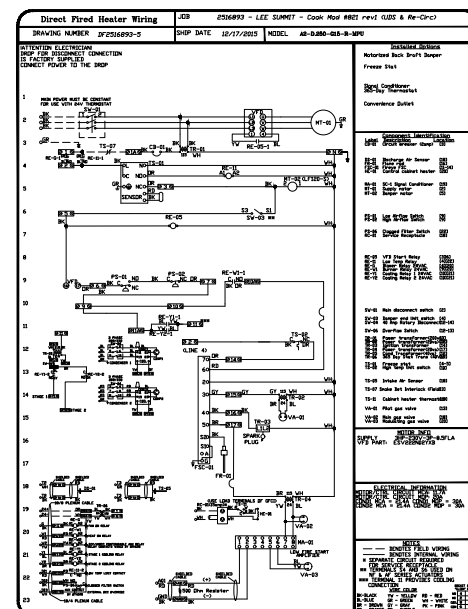
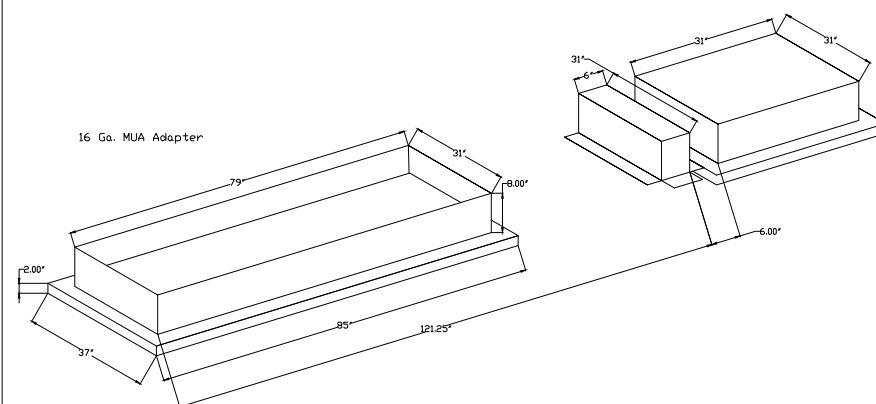


Recommended Cooling Coil Drain Trap Configuration



Notes:

- 1) 1" diameter PVC Pipe only
- 2) Use only low profile couplings
- 3) Add clean out as shown



SUITE 223

NAPERVILLE, IL. 60540
333.355.1222

630-355-1660
@kitchenetage

www.kitchenislogo.com

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MCGRATH RENTCORP

DBA KITCHENS TO GO

BY MOBILE MODULAR

MOBILE MANAGEMENT
8836 WEST OLD US 30

ETNA GREEN IN 4652



FDBY LEE'S SUMMI

■■■■

2100 SE Blue Pkwy

Lee's Summit, MO 64063

[illegible]

REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050	UNIT NUMBER M820, M821, M681, M682		

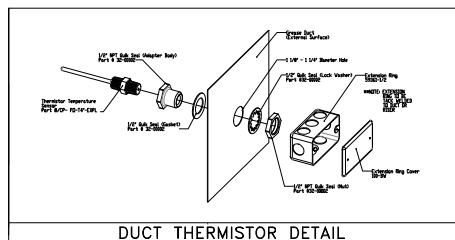
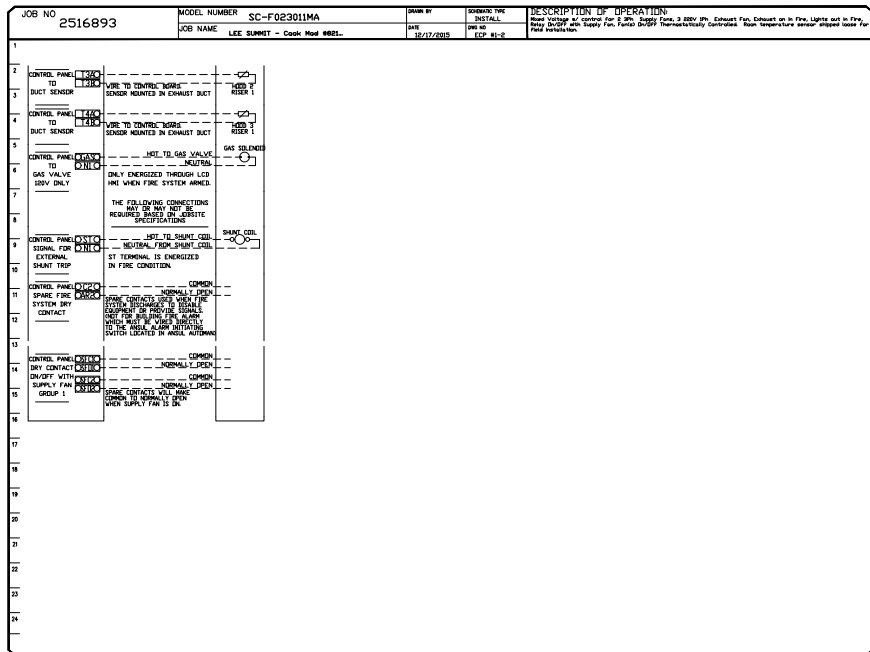
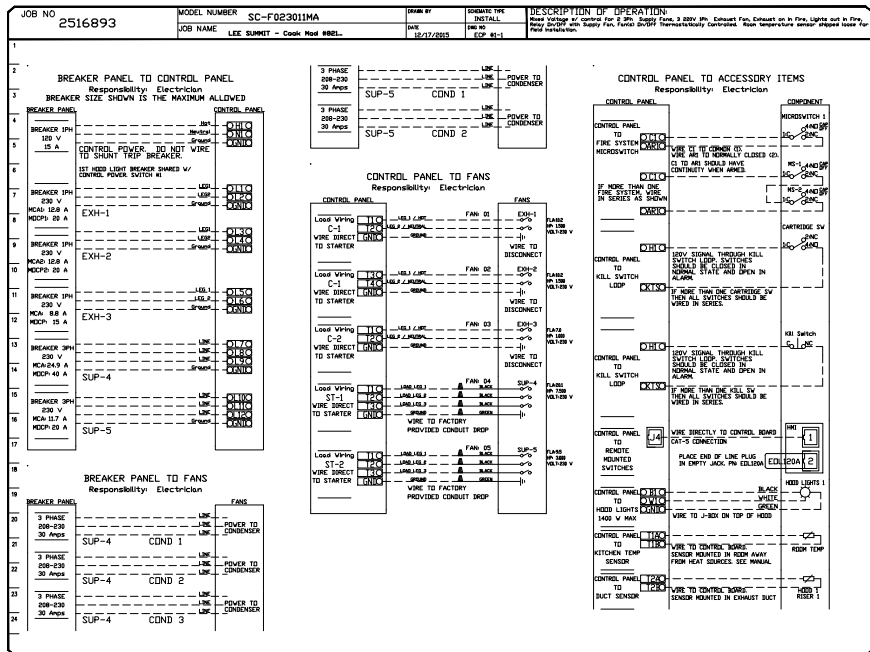
11x17 SCALE: N/A
22x34 SCALE: N/A

Control Panel

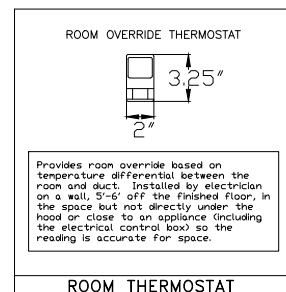
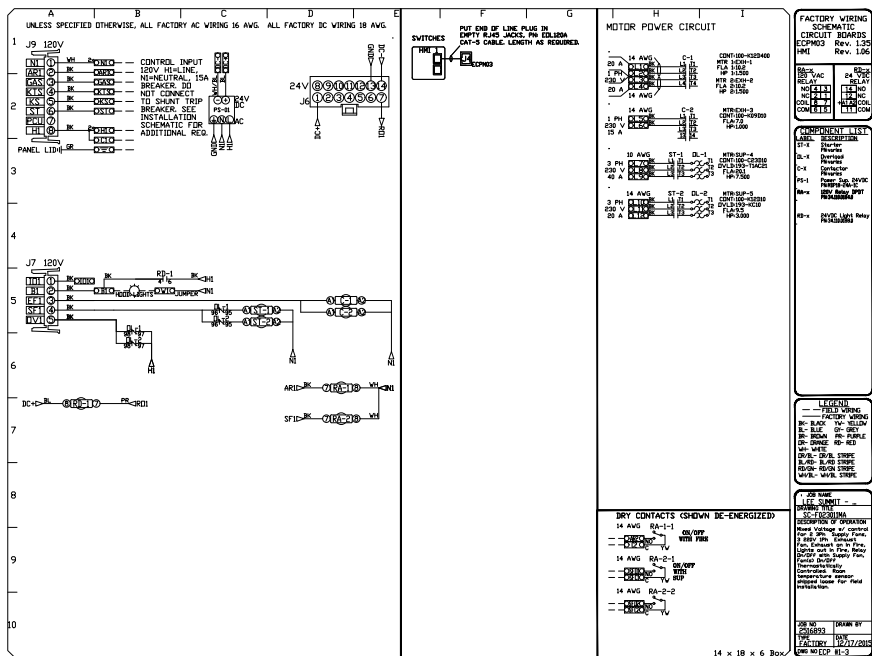
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(M821) M-506

ELECTRICAL PACKAGES - Job#2516893											
NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	Ø	HP.	VOLTS	FLA
1		SC-F023011MA	UDS	UDS	1 Light	Smart Controls Thermostatic Control w/ Relay On/Off with Supply	Exhaust	1	1,000	230	70
							Exhaust	1	1,500	230	10.2
							Supply	3	3,000	230	8.5
					1 Fan		Supply	3	7,500	230	19.1



Duct Temperature Sensor to be Factory
Installed Into Hood Exhaust Collars. To be Field
Wired to Electrical Control Panel (by others).



Room Temperature Sensor to be Provided with Control Package. To be Field Installed in Kitchen Module (by others).

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COMMISSION**

APPROVED

06/12/2025

MANUFACTURED HOUSING

[illegible]

SUBMITTAL SET

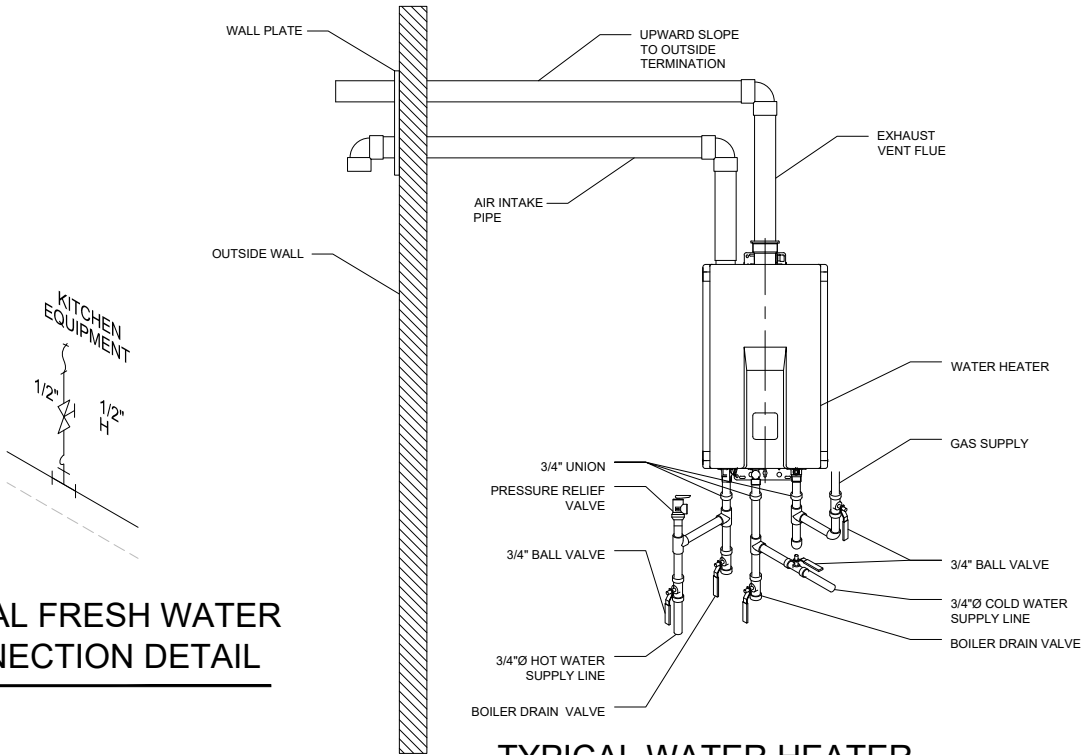
4/8/2025 1:41:32 PM

NOTES :

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT CODES AND REGULATIONS.
2. USE PEX (WHEN NOT VISUALLY EXPOSED TO INTERIOR OR EXTERIOR) OR COPPER PIPE TYPE K OR L WHEN EXPOSED TO PLUMB WATER LINES UNLESS OTHERWISE SPECIFIED.
3. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL. 2 HOLE STRAPS AT 3' O.C. MAX.
4. ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURB, ETC.
5. PRESSURE TEST WATER LINES (90-100 PSI) FOR LEAKS PRIOR TO EQUIPMENT FINAL CONNECTIONS.
6. FOR STORAGE: DRAIN WATER LINES.
7. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY KITCHENS TO GO BY MOBILE MODULAR.
8. FOR MOP SINK USE 8" ADJ. SERVICE SINK FAUCET WITH SHORT SPOUT AND VACUUM BREAKER.
9. WRAP ALL HOT WATER LINES WITH PIPE INSULATION.
10. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
11. PRESSURE AVAILABLE ON SITE TO BE MAXIMUM 55PSI - MINIMUM 40PSI.
12. FOR COLD CLIMATE LOCATION ;
 - 12.1. IF UNIT IS IN USE MAKE SURE THAT THE HEAT TAPE IS ALWAYS "ON"
 - 12.2. IF THE UNIT IS NOT IN USE OR IN STORAGE, DRAIN ALL WATER AND WASTE LINES TO AVOID DAMAGE TO PIPES DUE TO EXPOSURE TO FREEZING TEMPERATURES.
13. WHEN METAL FITTINGS (PEX) ARE EXPOSED TO METAL WALL STRUCTURAL, NEED TO ADD A THERMAL BREAK.
14. WRAP ALL HOT & COLD PIPING THAT RUNS UNDER THE FLOOR WITH PIPE INSULATION.
15. WATER HEATER TEMPERATURE CAN BE ADJUSTED FROM 120°F TO 140°F.

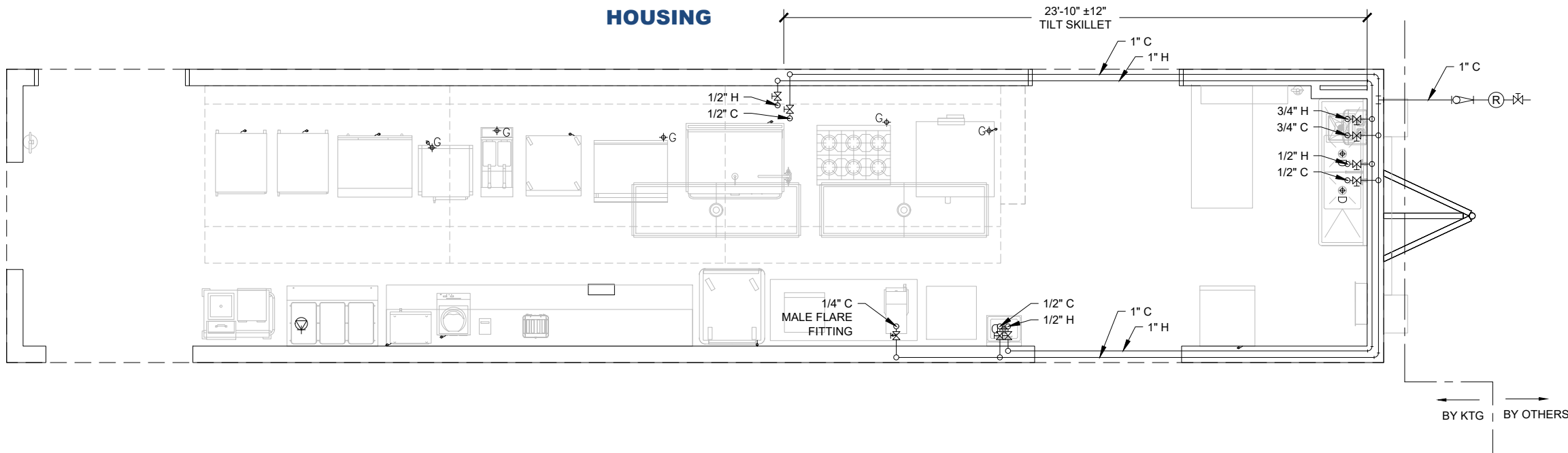
TYPICAL FRESH WATER CONNECTION DETAIL

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HOUSING



TYPICAL WATER HEATER INSTALLATION DETAIL

SYM	DESCRIPTION
H	HOT WATER LINE
C	COLD WATER LINE
(R)	PRESSURE REGULATOR
⌵	VALVE, BRASS BALL
⌵	TEE
⌵	90° ELBOW
⌵	FLEX HOSE ASSEMBLY (S.S. BRAIDED MPT x FPT SWIVEL)
⌵	QUICK DISCONNECT
⌵	VALVE 3-WAY
⌵	PUMP
⌵	VACUUM BREAKER
⌵	REDUCER
⌵	CHECK VALVE
⌵	POINT OF CONNECTION
⌵	WATER FILTRATION SYSTEM
⌵	PENETRATION
⌵	HOSE BIBB
⌵	CAP
⌵	BOILER DRAIN VALVE
⌵	PRESSURE RELIEF VALVE
⌵	UNION



FDBY LEE'S SUMMIT
MEDICAL CENTER

2100 SE Blue Pkwy
Lee's Summit, MO 64063



131 WEST JEFFERSON AVE.
SUITE 223
NAPERVILLE, IL. 60540
630-355-1660
www.kitchenstogo.com

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AND INDUSTRY STANDARD

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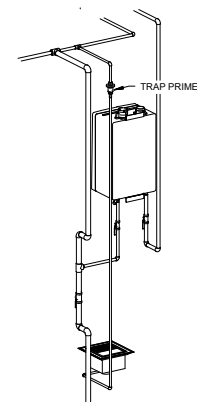
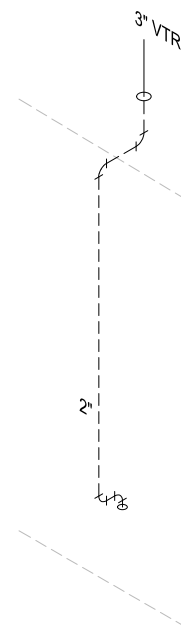
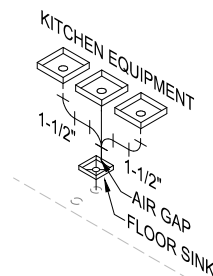
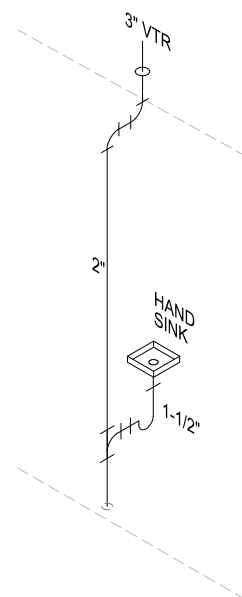
SUBMITTAL SET

REV.	DATE	DESCRIPTION	NAME
DELTA -	REV -		
Drawn By:	Approved By:		
MMS	-		
QUOTE NUMBER	UNIT NUMBER		
L24-050	M820, M821, M681, M682		
11x17 SCALE: 3/16"=1'-0"			
22x34 SCALE: 3/8"=1'-0"			

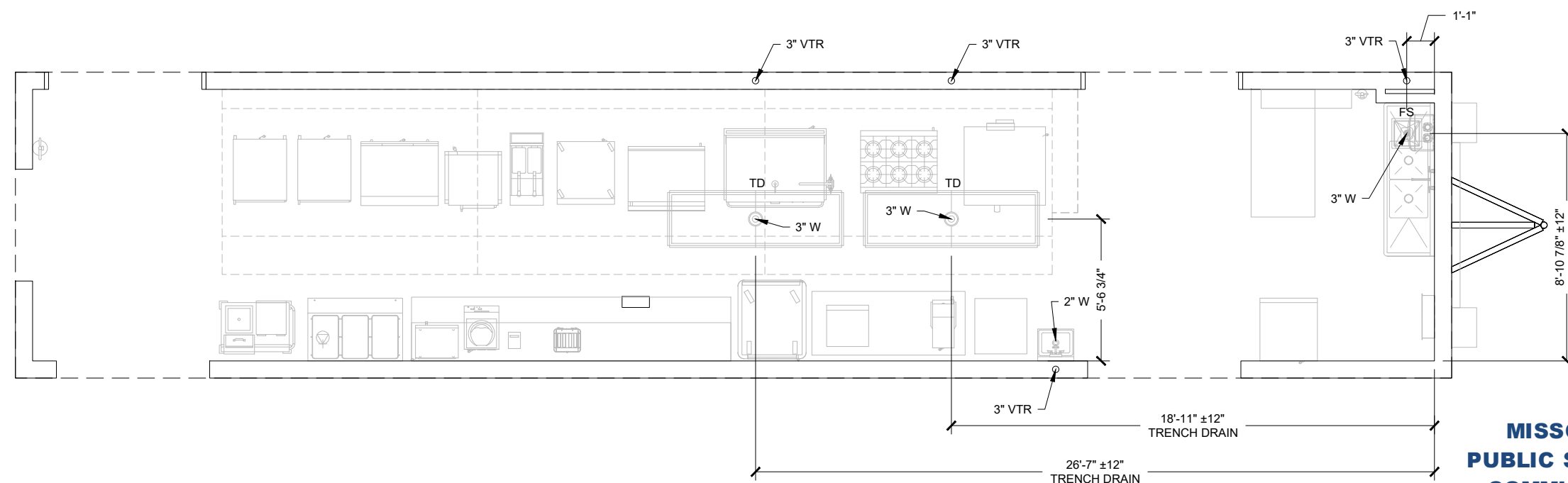
Fresh Water Plumbing
Schematic

Sheet

(M821) P-601



- NOTES:**
1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT CODES AND REGULATIONS
 2. ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURBS, ETC
 3. ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH GALV. STL 2 HOLE STRAPS AT 3' O.C. MAX.
 4. TERMINATION VENT SHALL BE MINIMUM 3 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT SHALL BE MADE INSIDE THE STRUCTURE A MINIMUM OF 18 INCHES BELOW THE ROOF.
 5. DRAIN LINES SHALL BE CPVC DWV WHERE REQUIRED FOR HIGH TEMPERATURE EQUIPMENT, OTHERWISE USE ABS DWV, PVC DWV OR OTHER APPROVED MATERIALS.
 6. SEWER LINES FROM FLOOR SINKS SHALL ALL BE SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
 7. FLOOR SINKS SHALL BE MOUNTED FLUSH WITH FINISHED FLOOR.
 8. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY KITCHENS TO GO BY MOBILE MODULAR.
 9. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED, MAINTAINING A SLOPE OF 1/4" PER FOOT.
 10. HVAC CONDENSATION LINES SHALL BE PVC OR OTHER APPROVED MATERIALS. HVAC & MUA CONDENSATION LINES TO BE CONNECTED TO AN APPROVED DRAIN SYSTEM..
 11. WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A APPROVED DRAIN SYSTEM.
 12. CLEAN OUTS ARE TO BE READILY ACCESSIBLE ABOVE GRADE (TYP)
 13. FOR STORAGE, BLOW OUT WITH COMPRESSED AIR ALL WATER LINES.
 14. ALL PLUMBING CONNECTIONS UNDER THE FLOOR TO BE DONE BY G.C. CONNECTIONS UNDER THE FLOOR SHOWN AS A SUGGESTED LAYOUT ONLY.
 15. FOR COLD CLIMATE LOCATION:
 - a) IF UNIT IS IN USE MAKE SURE THAT HEAT TAPE IS ALWAYS ON.
 - b) IF THE UNIT IS NOT IN USE OR IS IN STORAGE, DRAIN ALL WATER & WASTE LINES TO AVOID DAMAGE TO PIPES DUE TO EXPOSURE TO FREEZING TEMPERATURES.
 16. INDIRECT PLUMBING MUST HAVE A MINIMUM 2" AIR GAP OR 2 TIMES THE PIPE ID, WHICHEVER IS LARGER.



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COMMISSION**

APPROVED

06/12/2025

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HOUSING**

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4/8/2025 1:42:05 PM

**RELEASED FOR
CONSTRUCTION**
As Noted on Plans Review

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Development Services Department
Lee's Summit, Missouri
07/29/2025
We Keep You Cooking!

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QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: 3/16"=1'-0"			
22x34 SCALE: 3/8"=1'-0"			

Waste Water Plumbing Schematic

Sheet

(M821) P-602

Development Services Department
Lee's Summit, Missouri
07/29/2025

FRONT DOOR		ALL ALUMINUM RAMP SYSTEM				
		CLIENT NAME	LEE'S SUMMIT MEDICAL CENTER			REVISION
RISE AT DOOR=	48	CUSTOMER	ALL AMERICAN RAMP RENTALS			1
RISE AT PORCH=	0	INTERIOR RISE=	CHECKED BY			
YARD SLOPE=	0	LINEAR FEET=		DRAWN BY	DATE	
TOTAL ELEVATION=	48	INCLINE = 1 : 12		C. VAUGHN	3/10/2025	