

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

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

DGL PROJECT NO HCA PROJECT NO. 6406.24.0001 0972400009



HCA DESIGN MANAGER: MIKAL MALIK
HCA CONSTRUCTION MANAGER: ERIC SJODIN

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



Devenney Group Ltd., Architects

6900 E. Camelback Road, Suite #500 Scottsdale, Arizona 85251

T: 602.943.8950 F: 602.943.7645

www.devenneygroup.com

CONSTRUCTION
As Noted on Plans Review

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

# DEVENNEY GROUP, LTD. ARCHITECTS

ARCHITECTS

PROJECT MANAGER: KEVIN COOK

6900 E CAMELBACK RD, SUITE #500 SCOTTSDALE, AZ 85251

DATE SIGNED: 07 03 2

602.541.7287

# 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

PRC	DJECT SYMBOLS
DIMENSION LINE	12'-0"  TO FACE OF FRAMING OR CENTERLINE OF STRUCTURE
NORTH ARROW	TRUE NORTH REFERENCE NORTH
REVISION	#-
PRE-PERMIT REVISION	STANDARD
KEY FOR ENLARGED PLAN	1 AE411

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

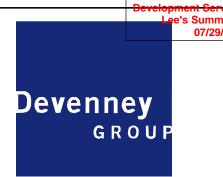
OF MAJOR COMPONENTS, FIRE PROTECTION AND LIFE SAFETY SYSTEMS



	PROJECT NAME HCA - LEE'S SUMMIT MEDICAL CENTER - MODULAR INTERIM KITCHEN COMPLEX
	ADDRESS 2100 SE BLUE PKWAY
	LEE'S SUMMIT, MO 64063
BRIEF PROJE	CT 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.
	THE INTERIM RITCHEN AND ITS COMPONENTS.
	<u>NOTE:</u> FOR BUILDING CODE INFORMATION REFER TO G-002 SHEET ON VENDOR DRAWINGS (KITCHENS TO GO)

	DEFENDED OURS SITE ALO	
	DEFERRED SUBMITTALS	
	FIDE (CNACKE ALADNA DECICAL AND ENCINEEDING	
•	FIRE/SMOKE ALARM DESIGN AND ENGINEERING	
•	FIRE SUPPRESSION DESIGN AND ENGINEERING	

SHEET IND	X = ISSUED SHEET	025	Í
	R = REVISED SHEET  F = FOR REFERENCE ONLY	- 05/23/2025	
	D = DELETED SHEET		
		VIEW	
		ST RE	
		H-1	
		s STA	
SHEET NUMBER	SHEET NAME	CITY & STATE - 1ST REVIEW	
GENERAL INFORI GI000	COVER SHEET	X	Τ
GI101	SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS	Х	I
ARCHITECTURAL	SITE		
AS001	ARCHITECTURAL SITE PLAN	X	
PLUMBING			
P00-00 P02-01	GENERAL INFORMATION - PLUMBING FLOOR PLAN - LEVEL 01 - PLUMBING	X	+
P02-01A	FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - PLUMBING	X	
P07-01	DETAILS - PLUMBING	X	
MEPT			
MEPT01 - 00 MEPT02 - 02	SITE PLAN - MEPT  ROOF PLAN - MEPT	X	+
E00-00	GENERAL INFORMATION - ELECTRICAL	X	Т
E02-01	FLOOR PLAN - LEVEL 01 - POWER	Х	#
E03-01 E04-01	FLOOR PLAN - LEVEL 01 - LIGHTING FLOOR PLAN - LEVEL 01 - SECTOR A - SPECIAL SYSTEMS	X	+
E06-00	ONE LINE DIAGRAM - ELECTRICAL	X	1
E07-01 E08-01	DETAILS - ELECTRICAL SCHEDULES - ELECTRICAL	X	+
			_
T00-00	GENERAL INFORMATION - TECHNOLOGY	X	Т
T02-01	FLOOR PLAN - LEVEL 01 - COMMUNICATIONS	Х	#
T07-01	DETAILS - TECHNOLOGY	X	1
VENDOR (KITCHE			_
G-001 G-002	COVER SHEET & DRAWING INDEX APPLICABLE CODES, GENERAL NOTES & FINISH SCHEDULES	F F	$\frac{1}{1}$
G-003	DOOR SCHEDULE & EGRESS PLAN	F	1
G-004 A-101	TYPICAL 2A & 5B CONSTRUCTION TYPES SITE PLAN	F	+
A-102	RAMPS STAIRS & PLATFORMS PLAN	F	1
I-101A I-101B	INTERIOR FLOOR PLAN & EQUIPMENT LIST INTERIOR FLOOR PLAN & EQUIPMENT LIST	F	+
I-102	REFLECTED CEILING PLAN	F	1
A-103A A-103B	KITCHEN COMPLEX UTILITIES FLOOR PLAN SERVERY COMPLEX UTILITIES FLOOR PLAN	F	+
A-103C	KITCHEN COMPLEX UTILITIES ROOF PLAN	F	1
A-103D A-104	SERVERY COMPLEX UTILITIES ROOF PLAN PIER PLAN	F	$\dagger$
VENDOR (KITCHE	INS TO GO - SERVERY)		
(M681) G-001	COVER SHEET & DRAWING INDEX	F	I
(M681) I-101 (M681) E-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST ELECTRICAL FLOOR PLAN SCHEMATIC	F F	1
(M681) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	1
(M681) M-101 (M681) P-601	HVAC DUCTING PLAN FRESH WATER PLUMBING SCHEMATIC	F	+
(M681) P-602	WASTE WATER PLUMBING SCHEMATIC	F	1
VENDOR (KITCHE	INS TO GO - SERVERY UNIT)		
(M682) G-001	COVER SHEET & DRAWING INDEX	F	Ţ
(M682) I-101 (M682) E-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST ELECTRICAL FLOOR PLAN SCHEMATIC	F F	$\frac{1}{1}$
(M682) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	1
(M682) M-101 (M682) P-601	HVAC DUCTING PLAN FRESH WATER PLUMBING SCHEMATIC	F F	+
(M682) P-602	WASTE WATER PLUMBING SCHEMATIC	F	
VENDOR (KITCHE	INS TO GO - WASH UNIT)		
(M820) G-001	COVER SHEET AND DRAWING INDEX	F	I
(M820) I-101 (M820) E-101	INTERIOR FLOOR PLAN AND EQUIPMENT LIST ELECTRICAL FLOOR PLAN SCHEMATIC	F F	$\frac{1}{1}$
(M820) E-601	ELECTRICAL PANEL SCHEDULE(S)	F	‡
(M820) M-101 (M820) P-601	HVAC DUCTING PLAN FRESH WATER PLUMBING SCHEMATIC	F	+
(M820) P-602	WASTE WATER PLUMBING SCHEMATIC	F	#
(M820) P-603	GAS PLUMBING SCHEMATIC	F	1
· · · · · · · · · · · · · · · · · · ·	NS TO GO - COOK UNIT)		_
(M821) G-001 (M821) I-101	COVER SHEET & DRAWING INDEX INTERIOR FLOOR PLAN AND EQUIPMENT LIST	F	+
(M821) E-101	ELECTRICAL FLOOR PLAN SCHEMATIC	F	1
(M821) E-601 (M821) E-602	ELECTRICAL PANEL SCHEDULE(S)  ELECTRICAL PANEL SCHEDULE(S)	F F	+
(M821) M-501	MAKEUP AIR SPECIFICATIONS	F	#
(M821) M-502 (M821) M-503	EXHAUST HOOD PLAN & SPECIFICATIONS  EXHAUST HOOD PLAN & SPECIFICATIONS	F F	+
(M821) M-504	EXHAUST FAN & MAU SPECS	F	#
(M821) M-505 (M821) M-506	EXHAUST FAN & MAU SPECS CONTROL PANEL	F F	+
(M821) M-507	MAU DUCTING SPECIFICATIONS	F	#
(M821) M-508	EXHAUST FAN ELEVATION	F	1
(M821) P-601	FRESH WATER PLUMBING SCHEMATIC	F	



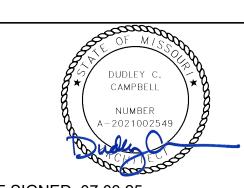
CONSTRUCTION
As Noted on Plans Review

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Consultant:

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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 DHSS

FACILITY NUMBER: 0972400009

AGENCY APPROVALS: AGENCY

REVISIONS REV # DESCRIPTION

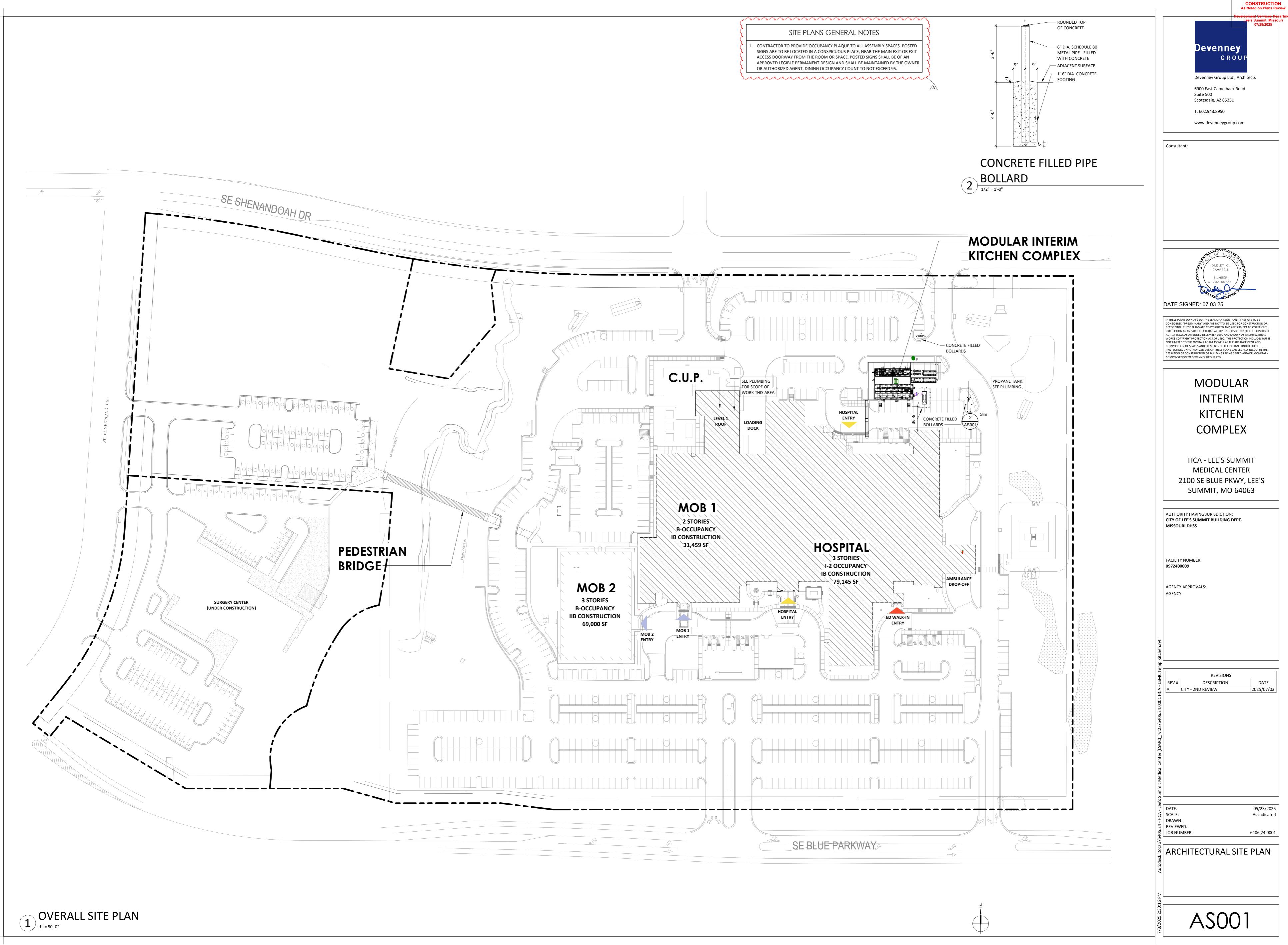
A CITY - 2ND REVIEW

B DESIGN COORDINATION DATE 2025/07/03 2025/07/03

DATE:
SCALE:
SCALE:
SCALE:
DRAWN:
REVIEWED:
STATE:
STATE: 05/23/2025 6406.24.0001

SHEET INDEX, PROJECT INFORMATION, AREA MAPS, <sup>₹</sup> SYMBOLS

G1101



# PLUMBING NOTES

ABV

AFG

AP

AD

BFF

B/G

CA

CO

CSS

CW

DD

DN

DS

DSN

ESH

EW

FCO

GC

AFF

ABOVE

ABOVE FINISHED FLOOR

ABOVE FINISH GRADE

BELOW FINISH FLOOR

CLINICAL SERVICE SINK

DRINKING FOUNTAIN

DOWNSPOUT NOZZLE

**EMERGENCY SHOWER** 

FCVA FLOOR CONTROL VALVE ASSEMBLY

GENERAL CONTRACTOR

ACCESS PANEL

**BELOW GRADE** 

CLEAN OUT

**COLD WATER** 

DECK DRAIN

DOWNSPOUT

EYE WASH

EWC ELECTRIC WATER COOLER

FLOOR DRAIN

FLOOR SINK

FLOOR CLEANOUT

GRADE CLEANOUT

DOWN

BALANCING VALVE

COMPRESSED AIR

AREA DRAIN

# **GENERAL 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.

ALL OTHER TRADES.

- 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
- 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

PIPING IN CEILING SPACES HIGH TO STRUCTURE AS POSSIBLE.

- 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
- 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
- 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
- THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT AND FIXTURES UPON COMPLETION OF THE
- 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
- 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.
- 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

# GENERAL NOTES, CONT.

- 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
- 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

- Z. PROVIDE A PRV 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.

PLUMBING ABBREVIATIONS

HW

NFYH

OS&Y

PRV

GALLONS PER MINUTE

HOT WATER RETURN

NORMALLY CLOSED VALVE

NON-FREEZE WALL HYDRANT

NON-FREEZE YARD HYDRANT

PRESSURE REDUCING VALVE

THERMOSTATIC MIXING VALVE

TEMPERATURE AND PRESSURE

OUTSIDE STEM AND YOKE

PLANTER DRAIN

TRAP PRIMER

VACUUM BREAKER

VENT PIPING

VTR VENT THROUGH ROOF

WB WALL BOX

VALVE

NORMALLY OPEN VALVE

INVERT ELEVATION

GREASE WASTE

HOSE BIBB

**HUB DRAIN** 

LAVATORY

MANHOLE

MOP SINK

**HOT WATER** 

- BB. PROVIDE DRIP PANS UNDER PLUMBING LINES WERE REQUIRED BY CODE
- AND/OR THE OWNER. CC. PROVIDE ACCESS TO ALL VALVES AND TRAP PRIMERS.

# **CRITERIA**

LOCATION:
CITY/STATE
APPLICABLE CODES:

MECHANICAL

PLUMBING

ELECTRICAL

EMOLITION NOTES
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- A. ALL SECTIONS OF PLUMBING PIPING THAT ARE SHOWN TO BE DEMO'D SHALL BE REMOVED BACK BACK TO MAINS, OR NEAREST ACTIVE LINES, AND CAPPED OR PLUGGED SO THAT NO DEAD
- B. ALL DEMOLITION WORK SHALL BE SCHEDULED AND PERFORMED IN STRICT COORDINATION WITH ARCHITECTURAL PHASING PLANS, HOSPITAL SCHEDULES, AREA OCCUPANCIES AND OTHER TRADES.
- ALL DEMOLISHED ITEMS THAT ARE NOT RETAINED BY THE OWNER AND ARE NOT CALLED OUT TO BE REINSTALLED BY THE CONTRACT DOCUMENTS SHALL BE DISPOSED OF LEGALLY.
- D. ANY EXISTING PLUMBING RISERS EXPOSED BY THE REMOVAL OF EXISTING WALLS OR CHASES SHALL BE RELOCATED TO A NEARBY LOCATION AS NOTED ON THE DRAWINGS OR AS APPROVED BY THE
- E. THE CONTRACTOR SHALL REPLACE ALL DAMAGED CEILING TILES AND REPAIR ALL DAMAGED WALL FINISHES DURING DEMOLITION WORK.
- F PROVIDE ADDITIONAL VALVES, FITTINGS AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE AND INSIDE OF THE AREA WHERE WORK IS BEING PERFORMED.
- G. INFORMATION PROVIDED ON THESE DRAWINGS HAS BEEN TAKEN FROM DESIGN DRAWINGS AND FIELD OBSERVATIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS
- PRIOR TO PRICING AND COMMENCEMENT OF WORK. H. ALL EXISTING PIPING THAT IS CAPPED OFF OR PLUGGED DURING DEMOLITION SHALL BE
- CHECKED FOR LEAKS. PROVIDE AND INSTALL ALL NECESSARY PIPING AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO

ALL "EXISTING TO REMAIN" FIXTURES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.

- WHERE EXISTING MECHANICAL EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED PLUMBING TO THE EQUIPMENT AND THEIR ASSOCIATED PIPING BACK TO THE POINT OF ORIGINATION.
- K. ANY FLOOR DRAIN OR FLOOR SINK INDICATED TO BE REMOVED SHALL BE REMOVED COMPLETELY. L. EXISTING FIXTURES AND EQUIPMENT NOT INDICATED TO BE REMOVED SHALL REMAIN IN USE.

# PROJECT DESIGN

LOCATION:	
CITY/STATE	

LEE'S SUMMIT, MO

2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FIRE CODE 2017 INTERNATIONAL ELECTRICAL CODE

# PLUMBING SYMBOLS

	ALL SYMBOLS SHOWN MAY N	IOT APPEAR IN ALL	DRAWINGS
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (CW)	9	PRESSURE GAUGE WITH GAUGE COCK
	DOMESTIC HOT WATER (HW)	<u> </u>	THERMOMETER WITH GAUGE COCK
	DOMESTIC HOT WATER RETURN (HWR)		HOSE BIBB (HB)
—— AW ——	ACID WASTE	ο ο	FLOOR CLEANOUT OR GRADE CLEANOUT (FCO,GCO)
— AV —	ACID VENT	=	
——TW ——	TEMPERED WATER	100 00	WALL CLEANOUT (WCO)
	COLD OR HOT REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ)	COCO	CLEANOUT PLUG
	EXISTING PIPING TO REMAIN		DIRECTION OF SLOPE - GRAVITY PIPING
$\times \rightarrow \!$	EXISTING PIPING TO BE REMOVED		DIRECTION OF FLOW - PRESSURE PIPING
——ss ——	SANITARY SEWER/WASTE PIPING		PIPING CAPPED OFF
	SANITARY VENT PIPING		BALANCING VALVE
— IW —	INDIRECT WASTE	<u> </u>	STRAINER
<b>O</b> -	CONNECT NEW TO EXISTING	· · · · · · · · · · · · · · · · · · ·	
CW	DOMESTIC COLD WATER (CW) BELOW GRADE	SA SA	SHOCK ARRESTOR
G	PROPANE GAS BELOW GRADE	0	HUB DRAIN (HD)
— CA —	COMPRESSED AIR PIPING		FLOOR DRAIN (FD)
——GW——	GREASY WASTE	(#)	LEGEND NOTE
—— SSD ——	SUBSOIL/PERIMETER DRAIN PIPING		THE OF OUR PRIVARIENCE
<u> </u>	BUTTERFLY VALVE	— FOS —	FUEL OIL SUPPLY PIPING
<del></del>	BALL VALVE	FOR	FUEL OIL RETURN PIPING
——————————————————————————————————————	GLOBE VALVE	—— DFS ——	DRY FIRE STANDPIPE PIPING
*	TEMPERATURE AND PRESSURE RELIEF VALVE	CD	SPRINKLER PIPING
<b>─</b>	GAS COCK / PLUG VALVE	—— SP ——	SPRINKLER PIPING
	SOLENOID VALVE	— DSP —	DRY SPRINKLER PIPING
PRV	PRESSURE REGULATING VALVE	— F —	FIRE PROTECTION PIPING
- AQ U	AQUASTAT		CONNECT TO EXISTING
<del></del>	CHECK VALVE		CONNECT TO EXICTING

DEMOLISH TO

GATE VALVE



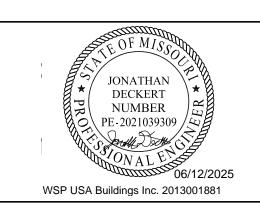
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> INTERIM KITCHEN

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 DATE DESCRIPTION REV#

DATE: 1/8" = 1'-0" 커 DRAWN: REVIEWED: JOB NUMBER: 6406.24.0001

GENERAL INFORMATION PLUMBING

P00-00

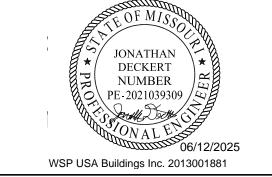
# **GENERAL NOTES**

- A. REFER TO P00-00 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.

# # LEGEND NOTES

- SET PRESSURE REGULATOR VALVE TO 14" W.C.
   CONNECT UTILITY PIPING TO VENDOR PROVIDED CONNECTION. COORDINATE EXACT LOCATION
- WITH VENDOR DRAWINGS.
  3. DROP UTILITY PIPING BELOW GRADE.
- 4. CONNECT UTILITY PIPING TO VENDOR PROVIDED CONNECTION BELOW FLOOR OF TRAILER. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
- 5. CONNECT CONDENSATE DRAIN PIPING TO VENDOR PROVIDED CONNECTION. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS. ROUTE CONDENSATE DRAIN DOWN AND DISCHARGE TO GRADE.
- 6. CONDENSATE DRAIN FROM ROOFTOP MECHANICAL EQUIPMENT. ROUTE PIPE DOWN AND DISCHARGE TO GRADE. REFER TO MEPT02-02 FOR CONTINUATION. 7. CONNECT UTILITY FIRE SPRINKLER PIPING TO VENDOR PROVIDED CONNECTION. COORDINATE
- EXACT LOCATION WITH VENDOR DRAWINGS. 8. 1"G PIPING UP TO ROOF. REFER TO MEPT02-02 FOR CONTINUATION.





PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT
ACT, 17 U.S.O. 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
CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY
COMPENSATION TO DEVENNEY GROUP LTD.

INTERIM KITCHEN COMPLEX

2100 SE BLUE PKWY, LEE'S **SUMMIT, MO 64063** 

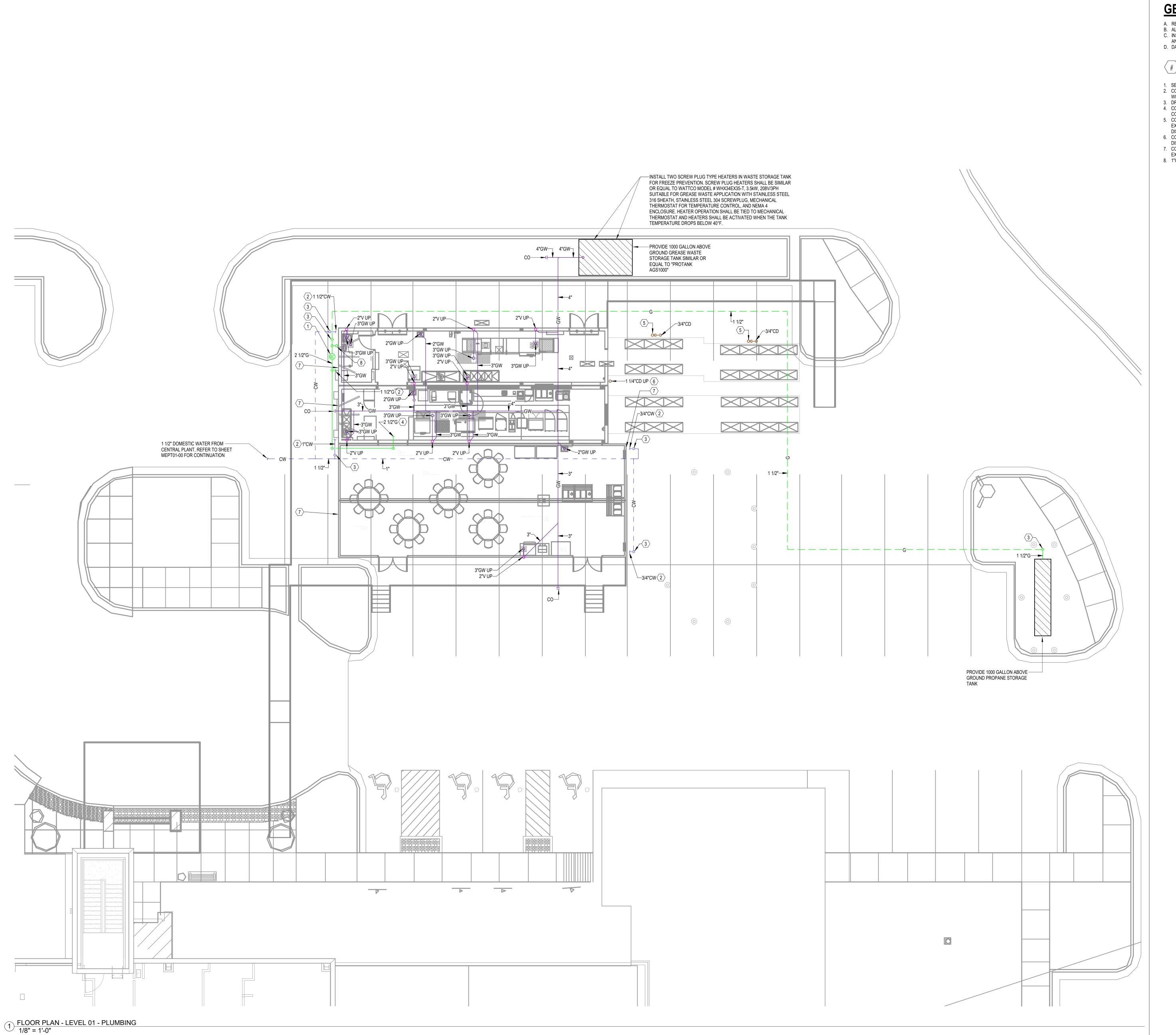
AUTHORITY HAVING JURISDICTION'S PROJECT NO:

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The properties of 1/8" = 1'-0" 9 JOB NUMBER: 6406.24.0001

FLOOR PLAN - LEVEL 01 -စ္ခ်ီ PLUMBING

P02-01



# RELEASED FOR CONSTRUCTION As Noted on Plans Review Development Services Department Lee's Summit, Missolri

# **GENERAL NOTES**

- A. REFER TO P00-00 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.

# # LEGEND NOTES

- CONNECT NEW DOMESTIC WATER LINE TO EXISTING VALVED CONNECTION IN CENTRAL PLANT.
- IN CENTRAL PLANT.

  2. ROUTE DOMESTIC WATER LINE THROUGH EXISTING EXTERIOR LOUVER AND DOWN TO BELOW GRADE.
- 3. 2-1/2"F PIPING TO ANTIFREEZE FIRE PROTECTION SYSTEM SERVING KITCHEN TRAILERS. REFER TO 1/P07-01 FOR MORE INFORMATION. CONTRACTOR TO COORDINATE CONNECTION BETWEEN ANTIFREEZE SYSTEM AND TRAILER FIRE PROTECTION SYSTEM. FINAL INSTALLATION SHALL COMPLY WITH 2016 NEPA 13



Devenney Group Ltd., Architects

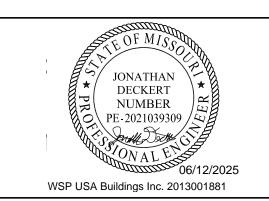
6900 East Camelback Road

Suite 500

T: 602.943.8950 www.devenneygroup.com

Scottsdale, AZ 85251





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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

REV# DESCRIPTION

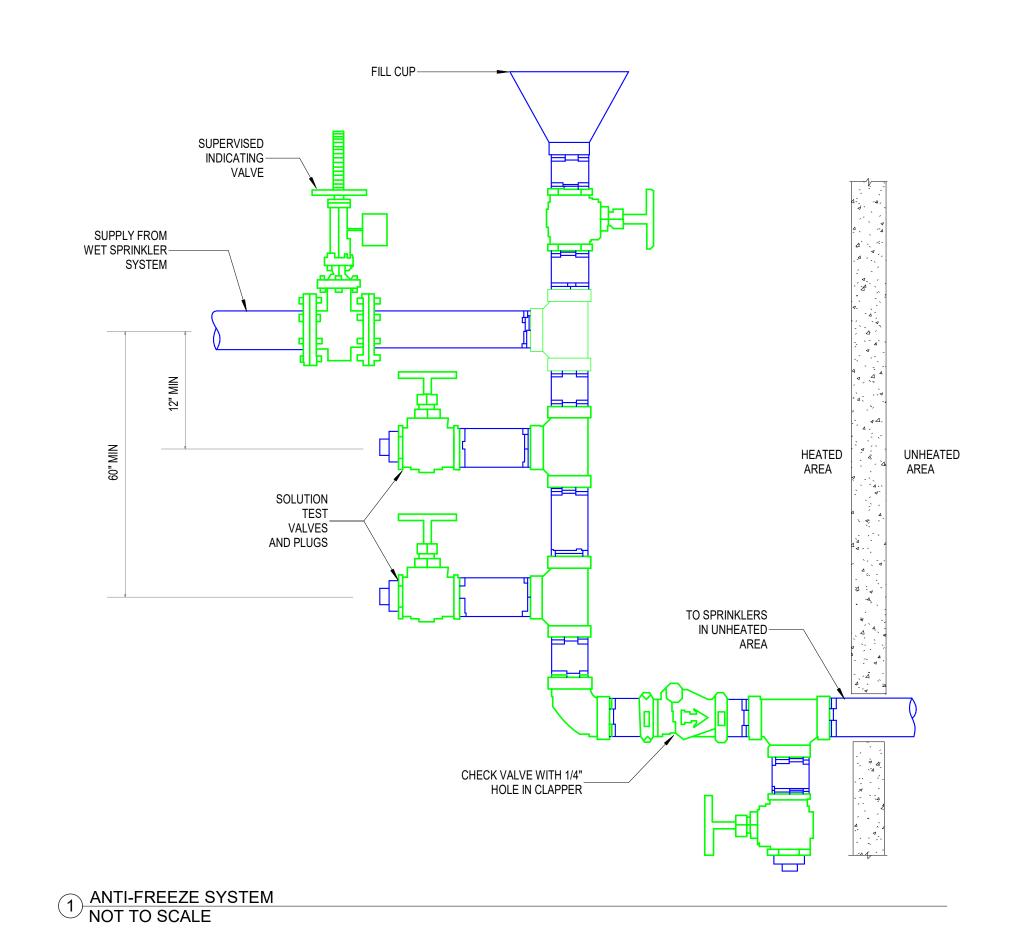
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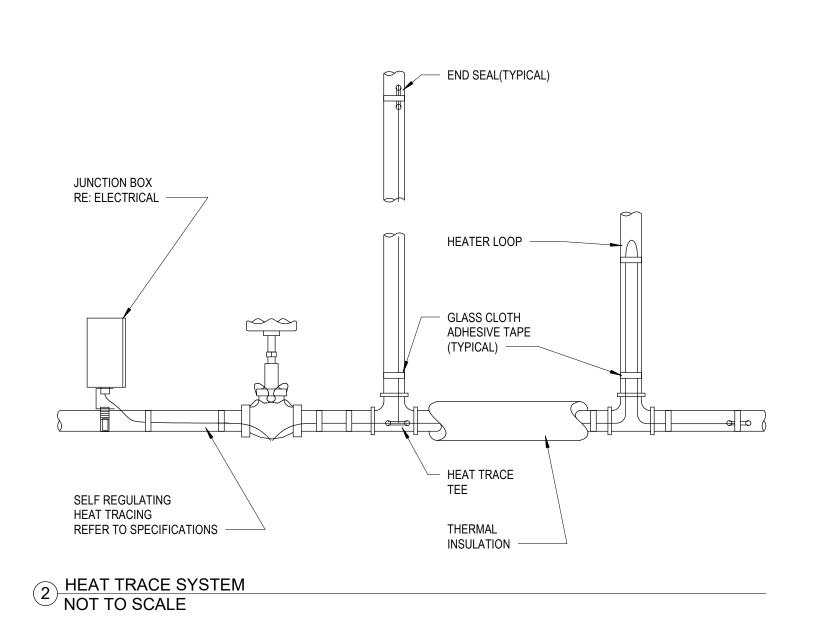
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FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - PLUMBING

P02-01A









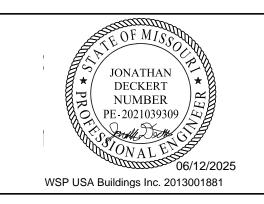
CONSTRUCTION
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Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

www.devenneygroup.com





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MISSOURI DHSS

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AHJ PROJECT-CASE NUMBER
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DETAILS - PLUMBING

P07-01

# **GENERAL NOTES**

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- 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

Devenney GROUP

CONSTRUCTION
As Noted on Plans Review

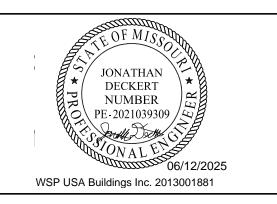
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INTERIM KITCHEN COMPLEX

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 DATE DESCRIPTION REV#

DATE:

DRAWN:

REVIEWED: As indicated

6406.24.0001

৪ SITE PLAN - MEPT

9 JOB NUMBER:

MEPT01-00

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# # LEGEND NOTES

- 1. SET PRESSURE REGULATOR VALVE TO 14" W.C. 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 MUA1 AND MUA2 CONDENSING UNITS. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS PRIOR TO INSTALLATION. REFER TO E06-00 FOR ADDITIONAL INFORMATION.
- 5. 1"S PIPING DOWN, REFER TO P02-01 FOR CONTINUATION.
  6. PROVIDE (2) POWER PEDESTALS EQUAL TO PP-60-S EACH WITH PP-60-B FOR INTEGRATION OF WATERPROOF MEMBRANE INTO ROOF MATERIAL. UNISTRUT TO BE MOUNTED BETWEEN POWER PEDESTALS FOR ELECTRICAL FIXTURES AND EQUIPMENT INDICATED.



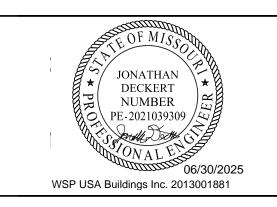


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Consultant:



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AGENCY APPROVALS: AGENCY

0972400009

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

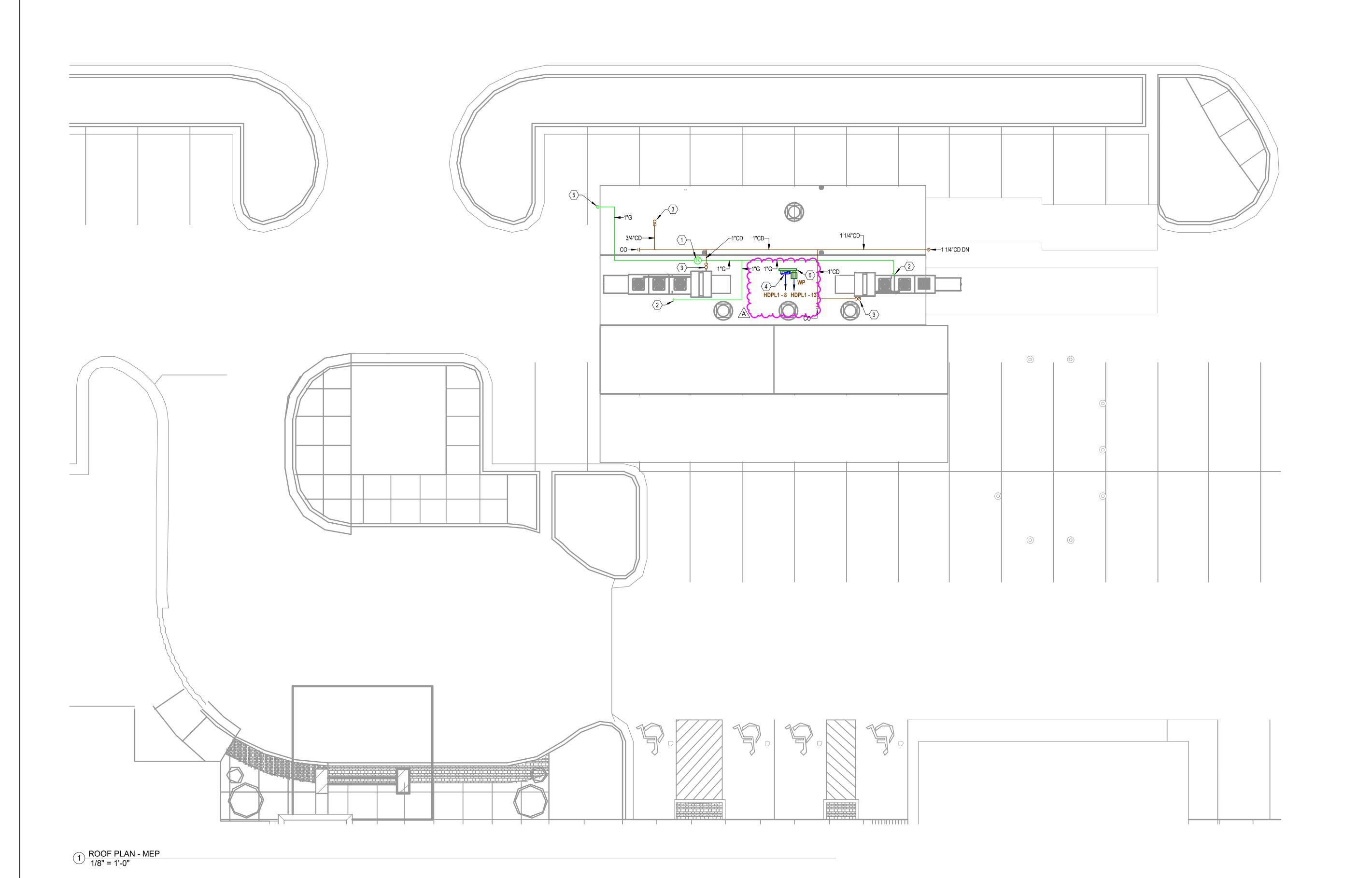
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ROOF PLAN - MEPT

MEPT02-02



A. SUPPLEMENTAL GENERAL CONDITIONS

- 1. 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.
- 2. 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. 3. 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
- 4. 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
- 5. 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 EXACT 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. 6. 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. 7. ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
- 8. 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. 9. 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 MANUFACTURER'S

RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS. 10. PROVIDE SHOP DRAWINGS FOR ENGINEER'S 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.

- 1. PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT, APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- 2. WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, DEVICES AND APPURTENANCES (ALL SYSTEMS) INSTALLED OUTDOORS.
- 3. COORDINATE AND SCHEDULE ALL POWER OUTAGES WITH OWNER. REFER TO SPECIFICATIONS FOR FURTHER 4. 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.
- 5. 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.

- 1. 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.
- 2. 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 CONSTRICTION PRIOR TO ELECTRICAL ROUGH-IN.

- 1. 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, COLUMNS, 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.
- 2. CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL
- BOXES PER NFPA 70 AND FOR COORDINATION WITH OTHER DISCIPLINES. 3. 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. 4. 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. 5. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED
- SEALANT. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALLS. 6. ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.

- 1. CIRCUITING IS SHOWN DIAGRAMMATICALLY. HOMERUNS SHALL BE COMBINED WHERE POSSIBLE IN ACCORDING TO
- 2. 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.
- 3. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS SHALL BE COPPER, 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET.
- 4. UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES #12 AWG AND #10 AWG SHALL BE SOLID. CONDUCTOR SIZES #8 AWG AND LARGER MAY BE STRANDED.
- 5. 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.
- 6. 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.

#### 1. 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.

- 2. 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.
- 3. 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.
- 4. 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. 5. 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. 6. 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

- 1. 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. 2. VERIFY EXACT LOCATION OF ALL POWER CONNECTIONS AND CONTROL DEVICES WITH OTHER TRADES AND MANUFACTURERS SHOP DRAWINGS BEFORE CONSTRUCTION. COORDINATE ALL REQUIRED ENERGY MANAGEMENT
- 3. ALL FUSED SWITCH AND/OR CIRCUIT BREAKERS SERVING EQUIPMENT SHALL HAVE PROVISIONS FOR HANDLE

SYSTEM POINTS AND CONTACT CONNECTIONS TO ENSURE THE COMPLETE AND PROPER OPERATION OF ALL

- 4. ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BEAR AN 'HACR' RATING.
- 5. ALL DISCONNECTS DOWN STREAM OF VFDs SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN UPSTREAM VFD WHEN SWITCH IS OPENED.

208V/120V PANEL OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.

6. 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

# H. SPECIAL SYSTEMS (i.e. DATA/PHONE/SECUITY/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 AV 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) 60" 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.  2 - LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2"
- EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENT FOR DEFINITION AND REQUIREMENTS.
02/E7.01 - DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E7.01

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

BOOK / FF&E DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNER'S EQUIPMENT

717629

PROJECT DESIGN CRITERIA		
LOCATION:		
CITY/STATE	LEE'S SUMMIT, MO	
APPLICABLE CODES:		
BUILDING	2018 INTERNATIONAL BUILDING CODE	
MECHANICAL PI UMBING	2018 INTERNATIONAL MECHANICAL CODE 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	

AFC	ABOVE FINISHED COUNTER	МН	MANHOLE
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUGS ONLY
AHJ	AUTHORITY HAVING JURISDICTION	MTD	MOUNT OR MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	MW	MICROWAVE
BFC	BELOW FINISHED CEILING		
BOF	BOTTOM OF FIXTURE	N NC (N.C.)	NORMALLY CLOSED
C	CONDUIT	NEC	NATIONAL ELECTRIC CODE
CB,C/B OR	CIRCUIT BREAKER	NF	NONFUSED
CKT BKR	CIRCUIT BREAKER	NIC	NOT IN CONTRACT
CKT BKK	CIDCUIT	-	
	CIRCUIT	NL NO (N.O.)	NIGHT LIGHT
CCTV	CLOSED CIRCUIT T.V.	NO (N.O.)	NORMALLY OPEN
CLG	CEILING	PB	PULL BOX
CR	CRITICAL (EMERGENCY SYSTEM)	PLGMLD	PLUGMOLD
CUH	CABINET HEATER	PNL	PANEL
EC	EMPTY CONDUIT	PWR	POWER
ELEC	ELECTRIC	R	RELOCATED DEVICE
E	EMERGENCY	RCPT(S) OR	RECEPTACLE(S)
EMS	ENERGY MANAGEMENT SYSTEM	RECEPT	
EP	EXPLOSION PROOF ELECTRIC WATER COOLER	REF	REFRIGERATOR
EWC	ELECTRIC WATER COOLER	RF	RETURN AIR FAN
EX	EXISTING	SEF	SMOKE EXHAUST FAN
F	FUSE	SF	SUPPLY AIR FAN
FΔ	FIRE ALARM	SF SO (S.O.)	SPACE ONLY
FACP, FAP	FIRE ALARM CONTROL PANEL FAN COIL UNIT FIXTURE FLOOR	SP	SPARE
FCU	FAN COIL LINIT	ST (S.T.)	SHUNT TRIP
FIXT	FIXTURE	SW	SWITCH
FIR	FLOOR	TEL	TELEPHONE
FLLIOR	FLUORESCENT	TF	TRANSFER FAN
	FAN TERMINAL UNIT	TP	TAMPER PROOF
FTU	TAN TERMINAL ONLY	TV	TELEVISION
	ELITUDE	TVSS	TRANSIENT VOLTAGE SURGE
COND	FUTURE GROUND (EQUIPMENT) GENERAL EXHAUST FAN	1733	
G, GND	GROUND (EQUIPMENT)	UF	SUPPRESSION
			UDERFLOOR
GEN	GENERATOR	UG	UNDERGROUND
	GROUND FAULT CIRCUIT INTERRUPTER		UNIT HEATER
HP	HORSE POWER	UNO (U.N.O.)	
	HIGH VOLTAGE		OTHERWISE
HWAT	HEAT TRACE	V	VOLTAGE
IC	INTERRUPTING CAPACITY	VFD	VARIABLE FREQUENCY DRIVE
ICAND	INCANDESCENT	VP	VAPOR PROOF
IG	ISOLATED GROUND	VV	VARIABLE VOLUME UNIT
IGF	GROUND FAULT INDICATION ONLY	W	WIRE
JB	JUNCTION BOX	W/	WITH
KEF	KITCHEN EXHAUST FAN	WG	WIRE GUARD
LTG	LIGHTING	WP	WEATHER PROOF
LTS	LIGHTS	WT	WATER TIGHT
LV	LOW VOLTAGE	XFMR	TRANSFORMER MOUNTING
MATV	MASTER ANTENNA	+XX	HEIGHT IN INCHES. AFF UNO.
MCB	MAIN CIRCUIT BREAKER	UCR	UNCER CABINET REFRIGERATO
MCC	MOTOR CONTROL CENTER	3011	SHOEN GABINET REFRIGERATO
MDP	MAIN DISTRIBUTION PANEL		
IVIUP	INIVIN DISTRIBUTION LAINEL		

	•······	GRAM & RISER S LEGEND	
	AUTOMATIC / MANUAL TRANSFER SWITCH - PROGRAMMED OR DELAYED TRANSITION		AUTOMATIC / MANUAL TRANSFER SWITCH - BYPASS ISOLATION
XX/XX/X	DISCONNECT  AMPS / FUSE / POLES	AAAA BBBB	FEEDER TAG. REFER TO FEEDER SCHEDULE FOR NUMBER AND SIZE OF CONDUCTORS AND CONDUIT. A- ALUMINUM C-COPPER
√ <sub>XX</sub>	MOTOR  XX = HORSE POWER	Ţ	GROUNDING ELECTRODE
xxx	BRANCH PANEL  XXX = PANEL NAME	T-XXX XXkVA	TRANSFORMER
°) AT	BOLT ON CIRCUIT BREAKER AT = TRIP RATING		DRAW OUT
L = LONG TIM S = SHORT TI I = INSTANTA G = GROUND A = INDICATIO		AF AT	CIRCUIT BREAKER  AT = TRIP RATING AF = FRAME SIZE

		POWER SYMBOLS LEGEND		
	ALL SYMBO	OLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	OT BE TO SCALE.	
	SYMBOL	DESCRIPTION TO THE STRIPTION THE STRIPTION TO THE STRIPTION THE	MNTG. HT. UNO	1
{	₩ <sub>WP</sub>	DUPLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A "WEATHERPROOF-WHILE-IN-USE" ENCLOSURE -20A/125V/2P/3W/G NEMA 5-20R	18" AFF	<b>B</b> /2
Ì	ОЮ	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED	
	Ч□X/Y/Z	DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	AS REQUIRED	
	<b>└</b> Х/-/Z	DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	AS REQUIRED	
		CIRCUIT HOMERUN TO PANELBOARD (2#12, 1#12G, 3/4"C. 20A/1P CB UNO)		
		208Y/120V PANELBOARD		
		208Y/120V DISTRIBUTION PANELBOARD		
		TRANSFER SWITCH		

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE								
SYMBOL	DESCRIPTION	MNTG. HT. UNC (SEE NOTE 1)						
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2						
<i>7777777</i>	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						

OTHERWISE, THAT SURFACE AND RECESSED FIXTURES ARE TO BE MOUNTED AT ARCHITECTS CEILING PLANE.

SYMBOL	DESCRIPTION	
<b>*</b>	# IN DIAMOND REFER TO LIGHTING CONTROLS REQUIREMENTS AND SEQUENCE OF OPERATIONS SCHEDULE.	
1	1 ZONE, 1 BUTTON MANUAL CONTROL DEVICE	SEE NOTE
\$	WALL SWITCH SPST, 20A, 120/277V	SEE NOTE 2
\$3	3-WAY WALL SWITCH, 20A, 120/277V	SEE NOTE

	FIRE ALARM SYMBOLS LEGEND								
ALL SYMB	DLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY	NOT BE TO SCALE.							
SYMBOL	YMBOL DESCRIPTION								
F	FIRE ALARM PULL STATION WALL MOUNTED	48" AFF							
$\square \triangleleft_{\chi}$	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF							
$\square \triangleleft_{\chi}$	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF							
¤	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF							
⊠d <sup>CLG</sup> X	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)								
□ CLG X</td <td>FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)</td> <td></td>	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)								
¤ <sup>CLG</sup>	FIRE ALARM VISUAL SIGNAL CEILING MOUNTED								
(FS)	FIRE ALARM SPRINKLER FLOW SWITCH								
(TS)	FIRE ALARM SPRINKLER TAMPER SWITCH								
(PS)	FIRE ALARM SPRINKLER PRESSURE SWITCH								
FACP	FIRE ALARM CONTROL PANEL	AS REQUIRED							
FAAP	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED							
FPAP	FIRE PUMP ANNUNCIATOR PANEL	AS REQUIRED							
MM	MONITOR MODULE	AS REQUIRED							
NAC	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





CONSTRUCTION As Noted on Plans Review



IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTRANT. 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.O. 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 CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

**INTERIM** 

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

DATE: As indicated REVIEWED: JOB NUMBER 6406.24.0001

GENERAL INFORMATION ELECTRICAL

E00-00

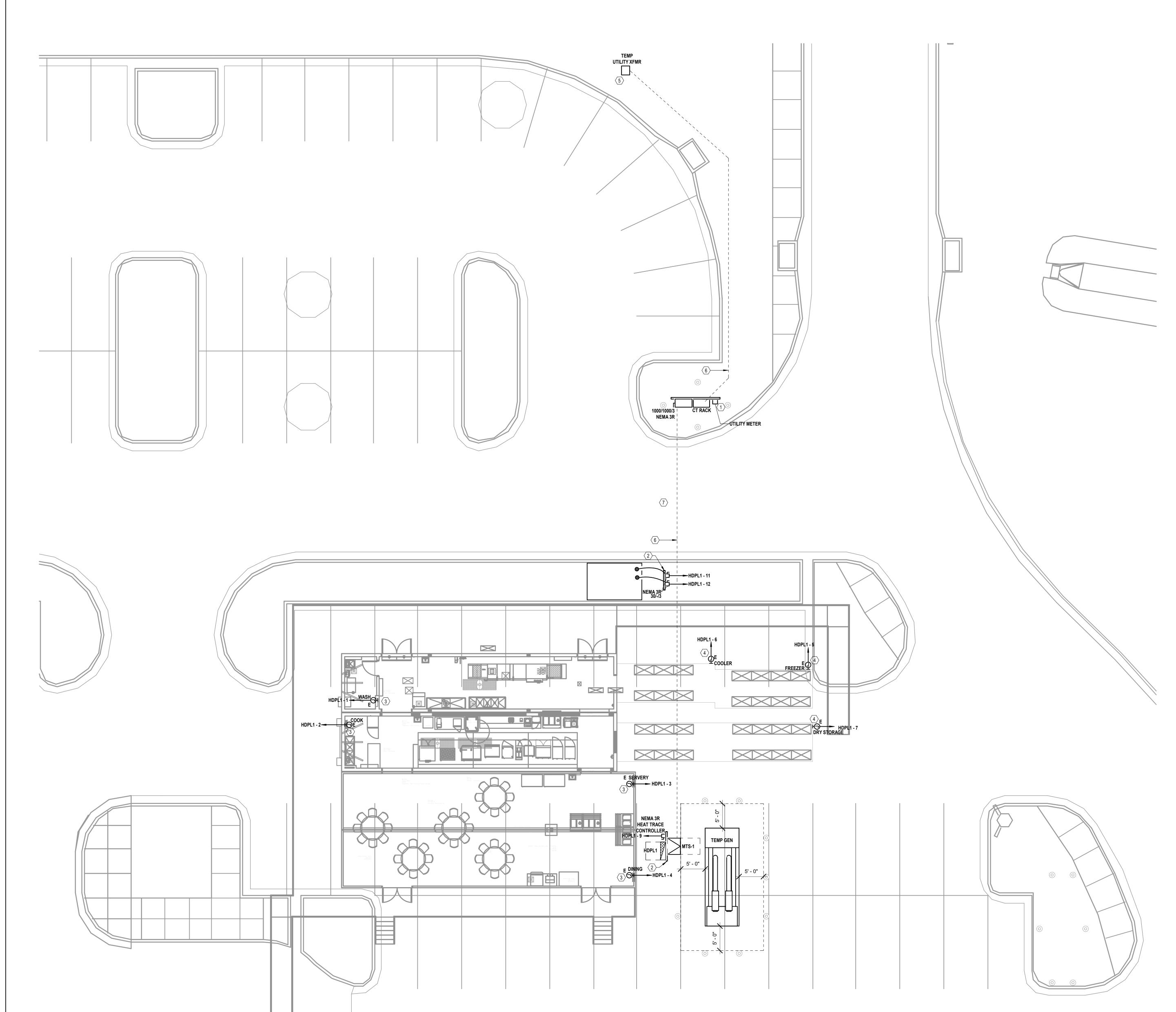
Devenney

GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road

www.devenneygroup.com



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

# **GENERAL NOTES**

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

## Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

# # LEGEND NOTES

- COORDINATE METER LOCATION AND REQUIREMENTS WITH UTILITY COMPANY PRIOR TO INSTALLATION, REFER TO E07-01 FOR MORE INFORMATION.
- 2. PROVIDE (2) POWER PEDESTALS EQUAL TO PP-60-S EACH. UNISTRUT TO BE MOUNTED BETWEEN POWER PEDESTALS FOR ELECTRICAL FIXTURES AND EQUIPMENT INDICATED.

  3. 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. 4. 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.
- 5. COORDINATE TEMPORARY POLE MOUNTED UTILITY TRANSFORMER REQUIREMENTS AND LOCATION WITH UTILITY COMPANY.
- 6. 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 01/E07-01.

  7. CONTRACTOR TO COORDINATE PHASING OF FIRE LANE DURING CONSTRUCTION.



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WSP USA Buildings Inc. 2013001881

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

Checker

DATE:
SCALE:
DRAWN:
REVIEWED: 1/8" = 1'-0" 9 JOB NUMBER: 6406.24.0001

FLOOR PLAN - LEVEL 01 -POWER

E02-01

# **GENERAL NOTES**

JOINTS WITH ARCHITECTURAL DRAWINGS

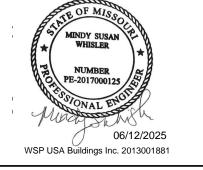
- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF
- ALL WIRING DEVICES

  B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND
- ADDITIONAL GENERAL NOTES.
  C. REFER TO SHEET E8-01 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 Suite 500 Scottsdale, AZ 85251 T: 602.943.8950



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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:
Street 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:

FACILITY NUMBER 2 AGENCY APPROVALS:

0972400009

REVISIONS DESCRIPTION

DATE

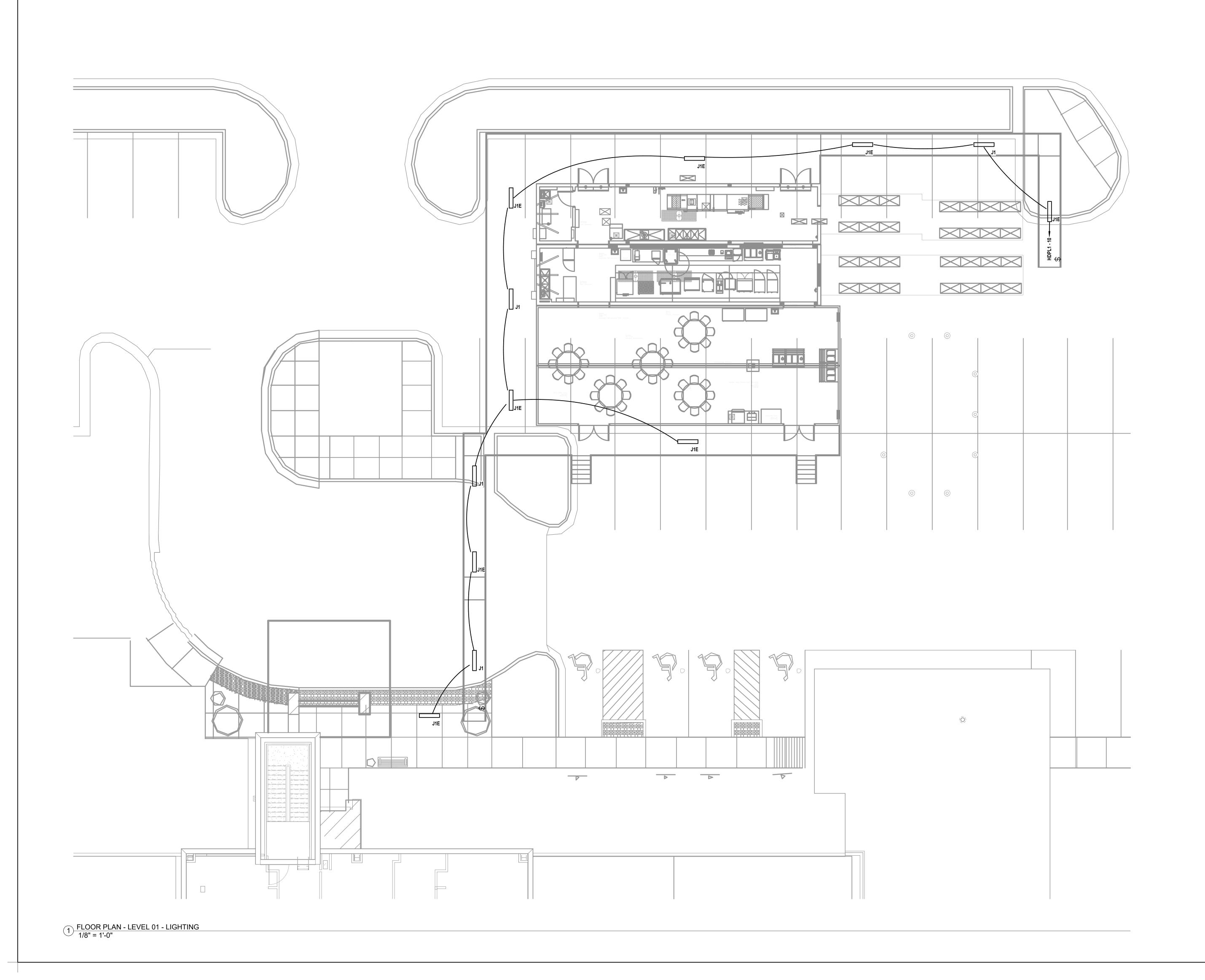
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FLOOR PLAN - LEVEL 01 g LIGHTING

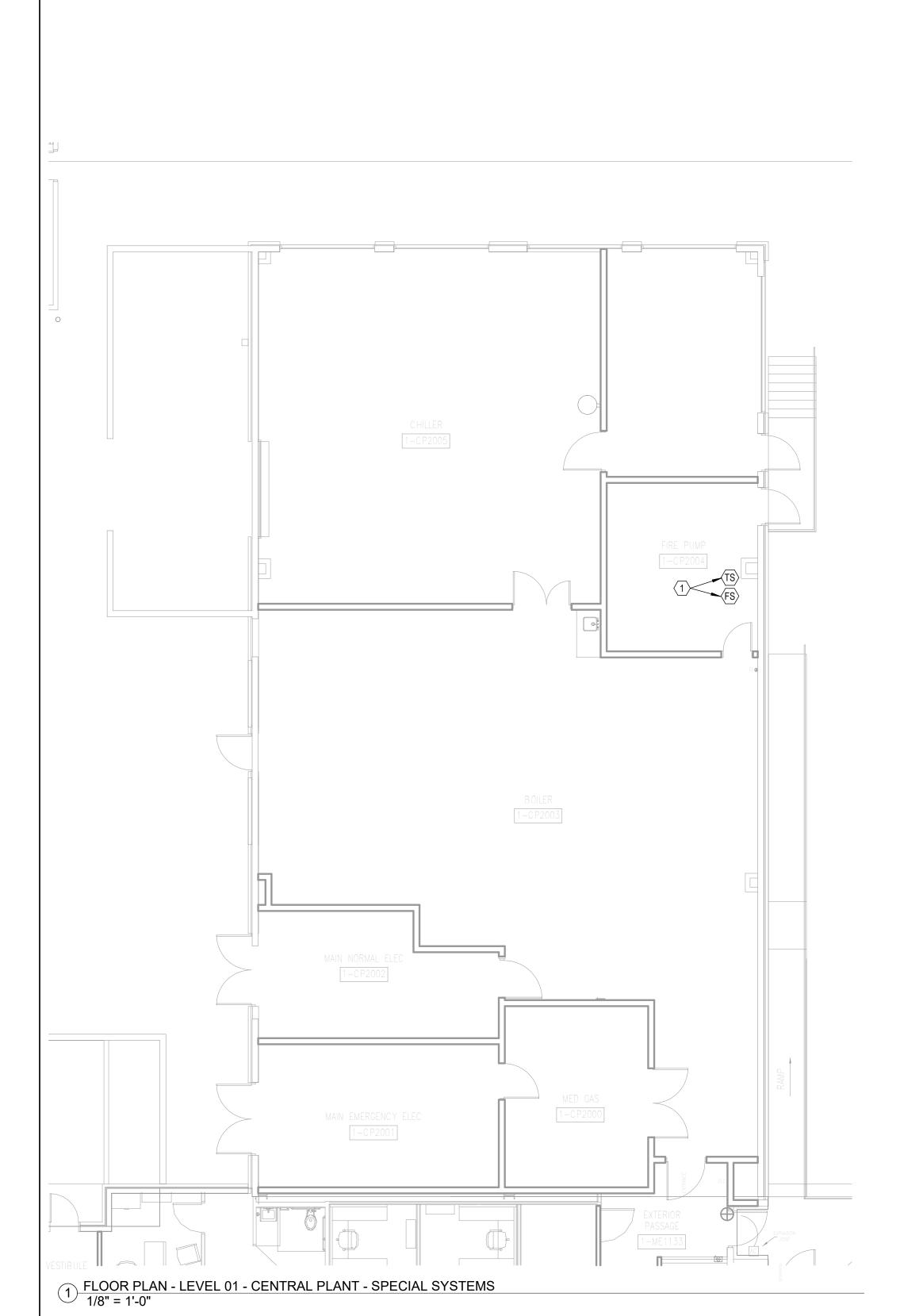
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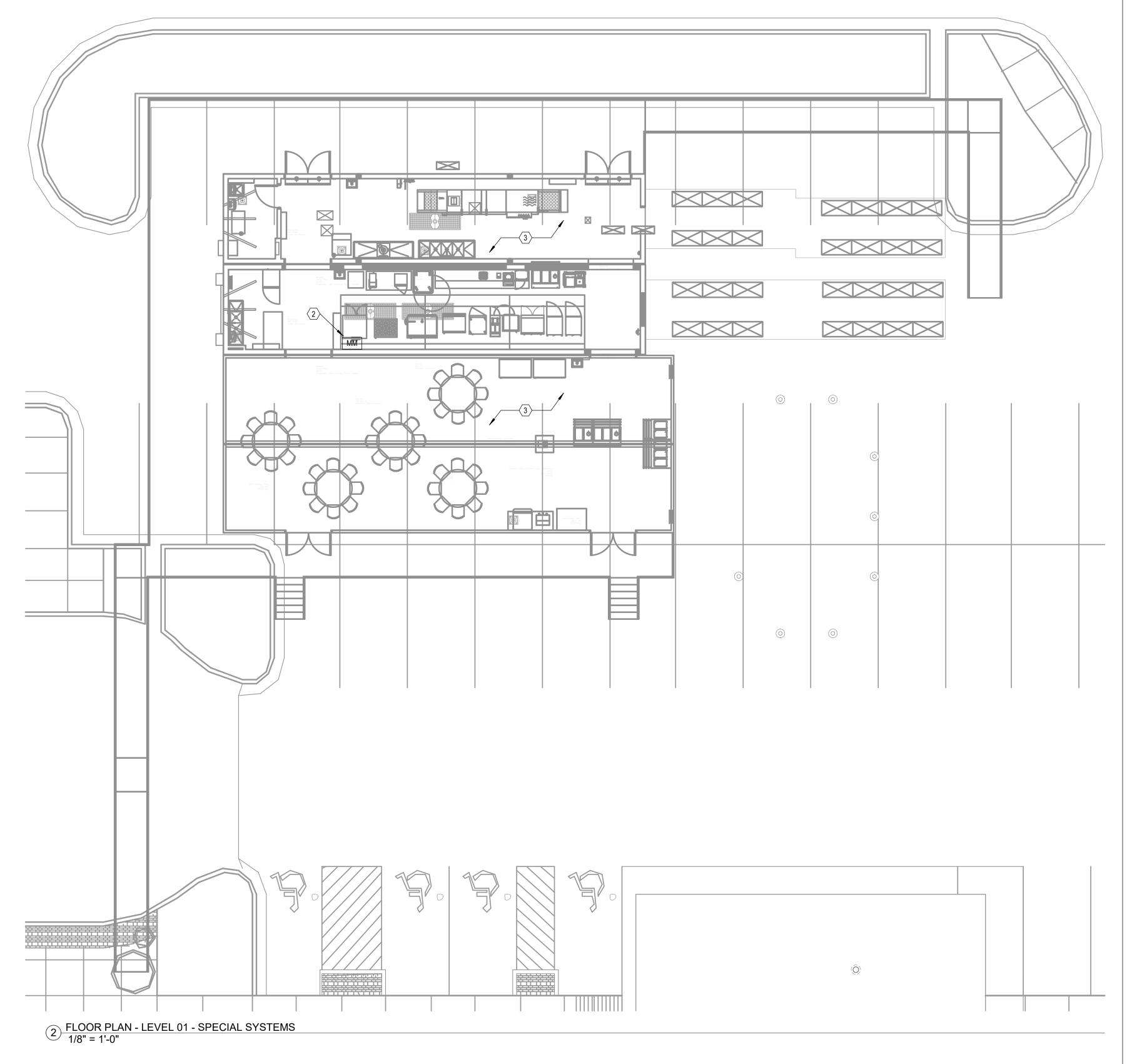


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SYSTEM INPUTS	AND		S SRIF		3 ARY		in chi							IIA (	
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - OPEN	$\dashv$	•	•	•	<u> </u>			/ · /	/ -/		-		/ ·	<u> </u>	1
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - SHORT		•	•	+_								1			1
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - GROUND		•	•	•											1
FIRE ALARM CONTROL PANEL LOSS OF POWER		•		•											1
MANUAL PULL STATION	•		•	•	•				•		•				1
SMOKE DETECTOR - SPOT TYPE	•		•	•	•				•	•	•				1
SMOKE DETECTOR - DUCT MOUNTED		•	•	•			•	•		•					1
	•		•	•	•				•		•				1
WATERFLOW ALARM SWITCH	•		•	•	•	•			•		•				1
VALVE TAMPER SWITCH		•	•	•											1
LOW/HIGH AIR PRESSURE SWITCH											I				
		•	•	•					-						1

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.

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





# **GENERAL NOTES**

- A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND
- ADDITIONAL GENERAL NOTES.

  B. 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.

  C. 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.
- D. 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.

  2. PROVIDE EQUIPMENT AND CONNECTIONS TO MONITOR KITCHEN HOOD SUPPRESSION
- 3. CONTRACTOR TO CONNECT MODULAR KITCHEN FIRE ALARM SYSTEM TO THE HOSPITAL'S EXISTING FIRE ALARM SYSTEM. COORDINATE INTEGRATION, COMPATABILITY, AND ALL EQUIPMENT ASSOCIATED FOR THE FIRE ALARM SYSTEM WITH THE FACILITY AND VENDOR. FINAL INSTALLATION SHALL BE COMPLIANT WITH ALL APPLICABLE CODES.

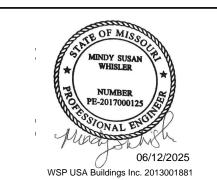


Devenney Group Ltd., Architects

6900 East Camelback Road

Suite 500





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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

AGENCY APPROVALS:

FACILITY NUMBER 2

REVISIONS

REV # DESCRIPTION

DATE

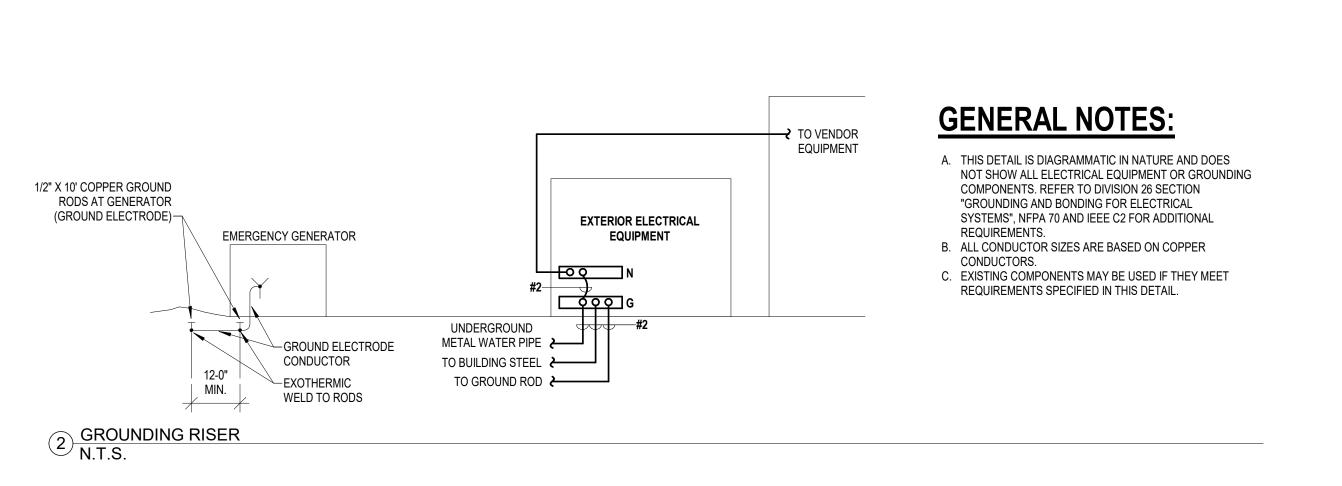
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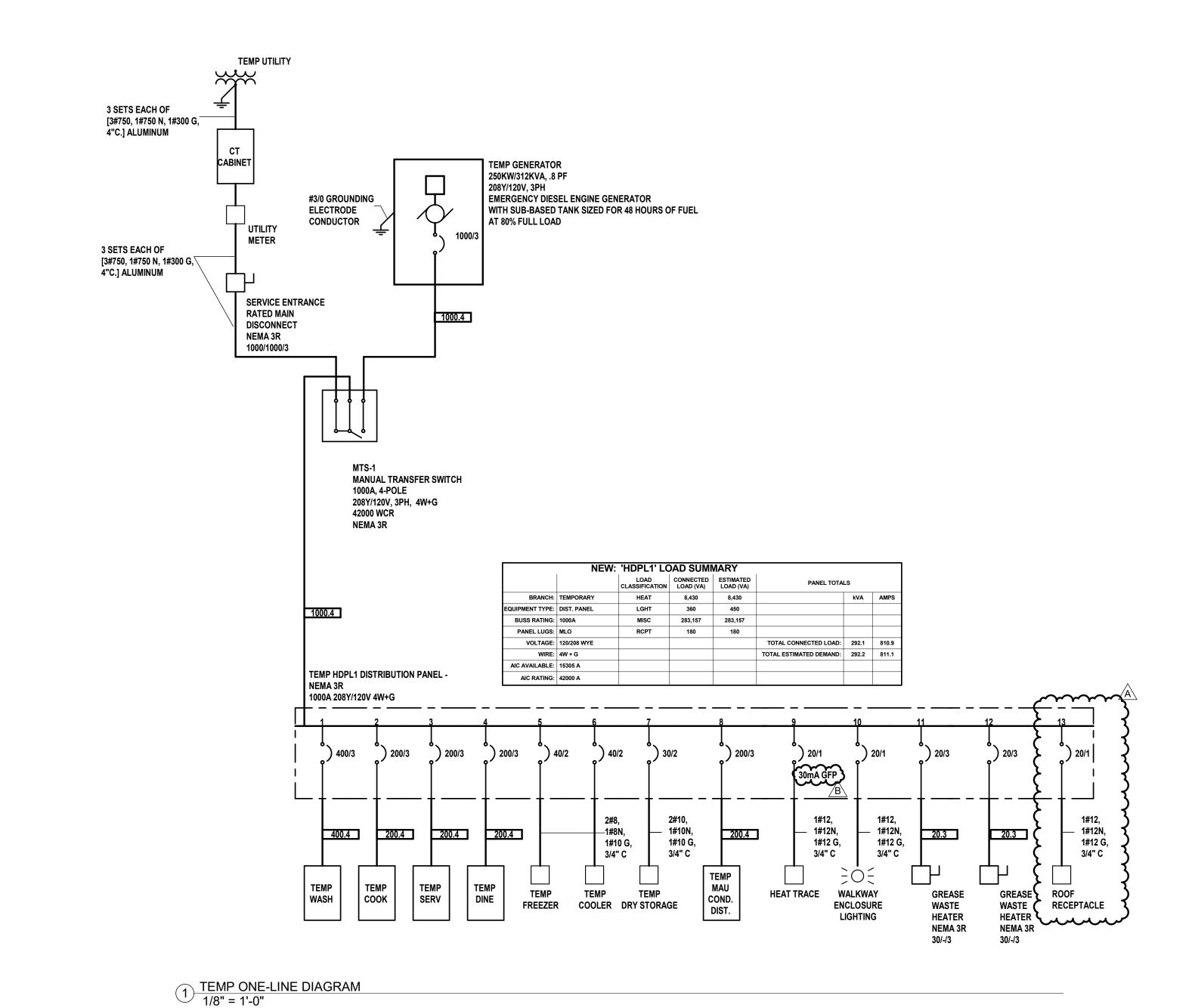
DATE: 05/23/25
SCALE: As indicated
DRAWN: Author
REVIEWED: Checker

9 JOB NUMBER:

FLOOR PLAN - LEVEL 01 -

E04-01





Development Services Department Services Depar

CONSTRUCTION

Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

www.devenneygroup.com

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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

AGENCY APPROVALS:
AGENCY

FACILITY NUMBER 2

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 -

E06-00

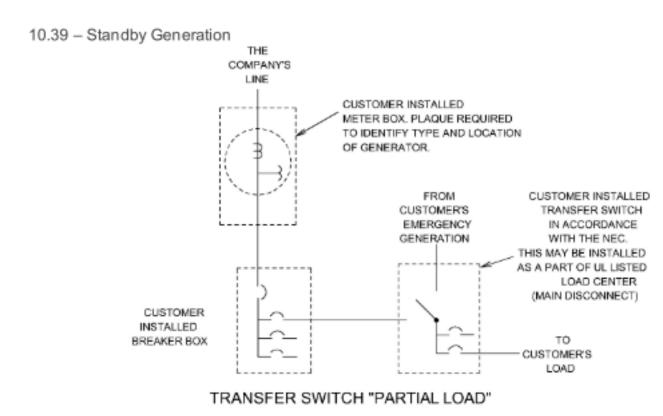
1 DIRECT BURY FEEDER DETAIL N.T.S.

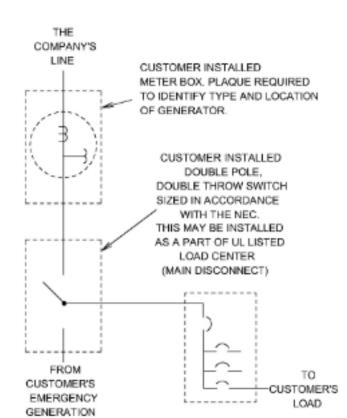
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-PROVIDE CONDUIT CHAIRS

TO MAINTAIN SPACING PER

SPECIFICATIONS





DOUBLE THROW SWITCH "FULL LOAD"

100

Revision: 10/22/2024

>> evergy

FINAL GRADE

Revision: 10/22/2024

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EXAMPLE C

10.2 - Grounding Diagrams

OUTSIDE HOUSE

EXAMPLE A

STANDARD

with the NEC.

FINAL GRADE

EXAMPLE B

(MAINTENANCE ONLY)

Customer to install adequate grounding for service entrance according to NEC 250. This

vertically the entire length into undisturbed earth with #6 solid copper wire connected

buildings shall follow Example A. However, customer/developer should first check with

3 Weather proof breaker panel may be substituted for disconnect as long as it complies

55 Grounding electrode conductor connection shall be made in the house breaker panel if

Equipment grounding shall not be installed between the meter and the house breaker panel per NEC 100 definition egc.

Concrete encased electrode as specified in NEC 250.52(A)(3) (if applicable)

the meter enclosure ground terminal is not available.

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

All examples are acceptable to the NEC, NESC and Company. New construction for

the local code authority to determine the example that the local code authority also

exterior to house; consult local inspection authorities.

may consist of a 5/8" diameter by 8 ft. steel copper clad ground rod that is driven

CONCRETE ENCASED ELECTRODE

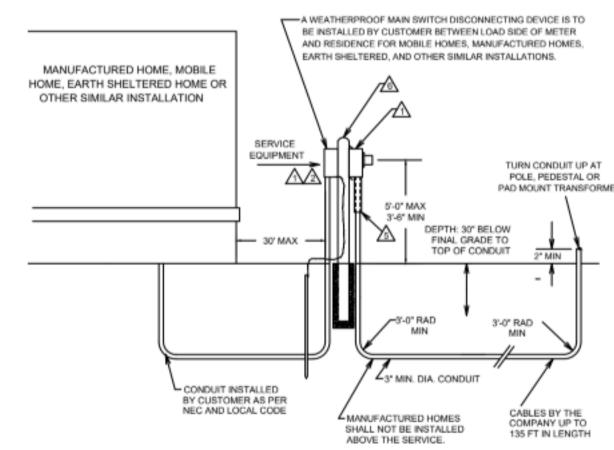
FINAL GRADE

Revision: 10/22/2024

# **GENERAL NOTES**

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

10.23 - Service to Mobile and Earth Sheltered Homes

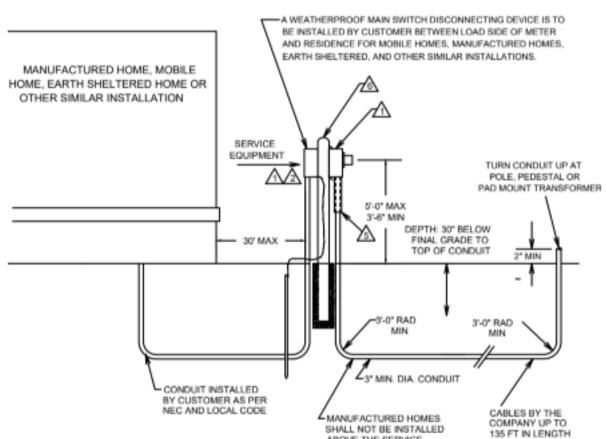


- Customer/developer shall supply all equipment except the meter and cable from the meter to Company facilities. Commercially available U.L. listed meter pedestal with main breaker may be acceptable. Contact the Company's local service center for approval.
- approved rigid conduit from the meter to pole, padmount transformer, or easement.
- Company crews during installation of primary cable, transformers, and pedestals. 5. Conduit size shall be a minimum of 3" for services. Customer/developer shall install
- or extenuating circumstances are encountered see section 10.18. In all cases the

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- 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.
- 11. 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 tie down anchors are installed.
- pedestal is used, the Company must approve it in advance

# >> evergy



- 1. Customer will supply Company approved meter socket.
- Customer/developer shall provide all trenching, backfill and furnish and install NEC
- approved slip joint on conduit to allow for ground movement NEC 300.5(J).
- 7. Depth to top of conduit shall be a minimum of 30 inches below final grade. Where rock installation shall conform to NEC, NESC, local codes and this standard.
- 8. 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.

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Revision: 10/22/2024

- 10. 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.
- 12. Manufactured home shall not be located above the service. This is a safety hazard when
- 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

REVISIONS

DESCRIPTION

DATE

CONSTRUCTION
As Noted on Plans Review

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Devenney Group Ltd., Architects

6900 East Camelback Road

www.devenneygroup.com

06/12/2025

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2100 SE BLUE PKWY, LEE'S

**SUMMIT, MO 64063** 

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authority having jurisdiction: CITY OF LEE'S SUMMIT BUILDING DEPT.

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AGENCY

REV#

Scottsdale, AZ 85251

T: 602.943.8950

Suite 500

DATE:
SCALE:
DRAWN: ₹ REVIEWED: JOB NUMBER: 6406.24.0001

DETAILS - ELECTRICAL

E07-01

- 2. Service equipment shall be grounded. See section 10.2 for details.
- The customer/developer shall coordinate the installation of the service conduit with
- Refer to Meter and Stand Drawing 10.15.

						ELECTRICAL LUMINAIRE	FIXTURE SCHEDU	<u>JLE</u>										
				PHYSICAL DESCRIPTION							ELECTRICAL S	PECIFICATION	<u>IS</u>			MANUFACTURER INFO	ORMATION .	
<u>IYPE</u> <u>!</u>	ESCRIPTION	LOCATION	<u>HOUSING</u>	REFLECTOR	SHIELDING	<u>FINISH</u>	MOUNTING	COL TEM	IP. LAMP	<u>LUMENS</u>	HOURS VA	UNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER		REMARKS
4'-0" LED LOW PROFILE L LENS FOR 10% UPLIGHT	ENSED STRIPLIGHT WITH DROP	ENLCOSED WALKWAY	20 GA. HEAVY DUTY STEEL HOUSING	N/A COLD ROLLED STEEL		WHITE FINISH, PAINTED AFTER FABRICATION	SURFACE	4,00		3,000	50000 30	EACH L	ED DRIVER - LINEAR DIMMIN 0-10V DOWN TO 1%	IG 120	LITHONIA	#ZL1D L48 3000LM FST MVOLT 40K 80CRI		
J1E SIMILAR TO TYPE J1 WIT	H BATTERY BACK UP	ENLCOSED WALKWAY	20 GA. HEAVY DUTY STEEL HOUSING	N/A COLD ROLLED STEEL		WHITE FINISH, PAINTED AFTER FABRICATION	SURFACE	4,00	00 LED	3,000	50000 30	EACH L	ED DRIVER - LINEAR DIMMIN 0-10V DOWN TO 1%	IG 120	LITHONIA	#ZL1D L48 3000LM FST MVOLT 40K 80CRI E10W		

FEEDER TAG &	
15.3, 20.3 15.4, 20.4	FEEDER DESCRIPTION  3#12, 1#12 G, 3/4" C  3#12, 1#12 N, 1#12 G, 3/4" C
25.3, 30.3	3#12, 1#12 N, 1#12 G, 3/4 C  3#10, 1#10 G, 3/4" C  3#10, 1#10 N, 1#10 G, 3/4" C
25.4, 30.4 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	3#6, 1#10 G, 3/4" C
45.4, 50.4	3#6, 1#6 N, 1#10 G, 1" C
60.3	3#4, 1#10 G, 1" C 3#4, 1#4 N, 1#10 G, 1 1/4" C
70.3	3#4, 1#8 G, 1" C
70.4	3#4, 1#4 N, 1#8 G, 1-1/4" C
80.3	3#3, 1#8 G, 1-1/4" C
80.4	3#3, 1#3 N, 1#8 G, 1-1/4" C
90.3	3#2, 1#8 G, 1-1/4" C
90.4	3#2, 1#2 N, 1#8 G, 1-1/4" C
100.3	3#1, 1#8 G, 1-1/4" C
100.4	3#1, 1#1 N, 1#8 G, 1-1/2" C
110.3	3#1, 1#6 G, 1-1/4" C
110.4	3#1, 1#1 N, 1#6 G, 1-1/2" C
125.3, 150.3	3#1/0, 1#6 G, 1-1/2" C
125.4, 150.4	3#1/0, 1#1/0 N, 1#6 G, 2" C
175.3	3#2/0, 1#6 G, 2" C
175.4	3#2/0, 1#2/0 N, 1#6 G, 2" C
200.3	3#3/0, 1#6 G, 2" C
200.4	3#3/0, 1#3/0 N, 1#6 G, 2" C
225.3	3#4/0, 1#4 G, 2" C
225.4	3#4/0, 1#4/0 N, 1#4 G, 2-1/2" C
250.3	3#250KCM, 1#4 G, 2-1/2" C
250.4	3#250KCM, 1-250KCM N, 1#4 G, 2-1/2" C
300.3	3#350KCM, 1#4 G, 2-1/2" C
300.4	3#350KCM, 1-350KCM N, 1#4 G, 3" C
350.3	3#500KCM, 1#3 G, 3" C
350.4	3#500KCM, 1-500KCM N, 1#3 G, 3-1/2" C
400.3	2 SETS EACH OF [3#3/0, 1#3 G, 2" C]
400.4	2 SETS EACH OF [3#3/0, 1#3/0 N, 1#3 G, 2-1/2" C]
450.3	2 SETS EACH OF [3#4/0, 1#2 G, 2" C]
450.4	2 SETS EACH OF [3#4/0, 1#4/0 N, 1#2 G, 2-1/2" C]
500.3	2 SETS EACH OF [3#250KCM, 1#2 G, 2-1/2" C]
500.4	2 SETS EACH OF [3#250KCM, 1#250KCM N, 1#2 G, 2-1/2" C]
600.3	2 SETS EACH OF [3#350KCM, 1#1 G, 2-1/2" C]
600.4	2 SETS EACH OF [3#350KCM, 1#350KCM N, 1#1 G, 3" C]
700.3	2 SETS EACH OF [3#500KCM, 1#1/0 G, 3" C]
700.4	2 SETS EACH OF [3#500KCM, 1#500KCM N, 1#1/0 G, 3-1/2" C]
800.3	3 SETS EACH OF [3#300KCM, 1#1/0 G, 3" C]
800.4	3 SETS EACH OF [3#300KCM, 1#300KCM N, 1#1/0 G, 3" C]
900.3	3 SETS EACH OF [3#350KCM, 1#2/0 G, 3" C]
900.4	3 SETS EACH OF [3#350KCM, 1#350KCM N, 1#2/0 G, 3" C]
1000.3	3 SETS EACH OF [3#400KCM, 1#2/0 G, 3" C]
1000.4	3 SETS EACH OF [3#400KCM, 1#400KCM N, 1#2/0 G, 3" C]
1200.3	4 SETS EACH OF [3#350KCM, 1#3/0 G, 3" C]
1200.4	4 SETS EACH OF [3#350KCM, 1#350KCM N, 1#3/0 G, 3" C]
1400.3	4 SETS EACH OF [3#500KCM, 1#4/0 G, 3" C]
1400.4	4 SETS EACH OF [3#500KCM, 1#500KCM N, 1#4/0 G, 3-1/2" C]
1600.3	5 SETS EACH OF [3#400KCM, 1#4/0 G, 3" C]
1600.4	5 SETS EACH OF [3#400KCM, 1#400KCM N, 1#4/0 G, 3" C]
2000.3	6 SETS EACH OF [3#400KCM, 1#250KCM G, 3" C]
2000.4	6 SETS EACH OF [3#400KCM, 1#400KCM N, 1#250KCM G, 3" C]
2500.3	7 SETS EACH OF [3#500KCM, 1#350KCM G, 3-1/2" C]
2500.4	7 SETS EACH OF [3#500KCM, 1#500KCM N, 1#350KCM G, 3-1/2" C]
3000.3	8 SETS EACH OF [3#500KCM, 1#400KCM G, 3" C]
3000.4	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]



Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

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SCHEDULES - ELECTRICAL

E08-01

OUTLET SYMBOLS LEGEND					
LS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE T	TO SCALE.				
# = DESIGNATES CABLE/JACK COUNT FOR DEVICE					
SYMBOL DESCRIPTION L					
HOSPITAL DATA NETWORK ONLY OUTLET	18" AFF				
VOICE AND/OR DATA OUTLET, WALL PHONE STYLE FACEPLATE, 1 VOICE/DATA CABLE. PROVIDE DOUBLE GANG BACK, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.	48" AFF				
ABOVE COUNTER OUTLET, #=CABLE QUANTITY, MOUNTED ABOVE THE COUNTERTOP. PROVIDE DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.	42" AFF				
FLOOR MOUNTED OUTLET, #=CABLE QUANTITY. REFER TO ELECTRICAL (E) SHEETS FOR ADDITIONAL ROUGH IN REQUIREMENTS.	FLOOR				
CEILING MOUNTED OUTLET, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS AND LEAVE A MINIMUM 25 FEET COILED AT THE LOCATION.	ABOVE ACCESSIBLE CEILING				
DATA OUTLET FOR WIRELESS ACCESS POINT DEVICE, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS WITH A MINIMUM 25 FEET COILED AT THE DEVICE LOCATION. CONTRACTOR SHALL RELOCATE OUTLETS AND MOUNT DEVICE PER OWNER'S IT WIRELESS SURVEY.	ABOVE ACCESSIBLE CEILING				
	LS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE T  # = DESIGNATES CABLE/JACK COUNT FOR DEVICE  DESCRIPTION  HOSPITAL DATA NETWORK ONLY OUTLET  VOICE AND/OR DATA OUTLET, WALL PHONE STYLE FACEPLATE, 1 VOICE/DATA CABLE. PROVIDE DOUBLE GANG BACK, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.  ABOVE COUNTER OUTLET, #=CABLE QUANTITY, MOUNTED ABOVE THE COUNTERTOP. PROVIDE DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.  FLOOR MOUNTED OUTLET, #=CABLE QUANTITY. REFER TO ELECTRICAL (E) SHEETS FOR ADDITIONAL ROUGH IN REQUIREMENTS.  CEILING MOUNTED OUTLET, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS AND LEAVE A MINIMUM 25 FEET COILED AT THE LOCATION.  DATA OUTLET FOR WIRELESS ACCESS POINT DEVICE, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS WITH A MINIMUM 25 FEET COILED AT THE DEVICE LOCATION. CONTRACTOR SHALL				

VOICE/DATA NOTES.

1. VOICE, DATA, AND/OR COMBONATION OUTLET, #=OUTLET/CABLE QUANTITY, PROVIDE DOUBLE GANG DEVICE BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE. . REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.

3. CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHTS OF OUTLETS FOR TELEVISIONS, INFO. MONITORS, DIGITAL SIGNAGE, AND/OR OTHER WALL MOUNTED MONITORS WITH VENDOR PROVIDED MOUNTING BRACKET PRIOR TO ROUGH IN. 4. 48" AFF INDICATES TO TOP OF DEVICE;

18" AFF INDICATES TO CENTER OF DEVICE; 60" AFF INDICATES TO BOTTOM OF DEVICE; 80" AFF INDICATES TO BOTTOM OF DEVICE;

ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE. . SOME DEVICES MAY HAVE SPECIAL DESCRIPTORS (MEDS, PTS, ETC.) CALLING OUT EQUIPMENT SERVED BY OUTLET. SEE ABBREVIATIONS FOR REFERENCE.

	VIDEO SURVEILLANCE SYMBOLS LEGEND						
ALL SYMBOLS S	ALL SYMBOLS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.						
SYMBOL	SYMBOL DESCRIPTION BACK BOX MTG. HEIGHT UNO (NOTE 1						
	M=MOUNTING TYPE	T=TECHNOLOGY (CAMERA TYPE)		CEILING OR WALL MOUNT			
ZZZ Þ T	PE - PENDANT R - RACK S - SUI	RAPET - CAN BE MUI TIPLE	XX				
EXAMPLE		ZZZ = FIELD OF VIEW					
M T	STATIONARY CAMERA  E - ENVIRONMENTAL C - CC P - POE D - DC F - FISHEYE V - VA			AS REQD.			

REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.

. REFER TO FLOOR PLANS FOR DEVICE LOCATION LAYOUT. 3. REFER TO ENLARGED COMM ROOM LAYOUT AND TYPICAL EQUIPMENT RACK LAYOUTS FOR EXACT PLACEMENT OF HEADEND EQUIPMENT.

#### ABBREVIATIONS ACCESS CONTROL PANEL ABOVE FINISHED COUNTER ABOVE FINISHED FLOOR AUTHORITY HAVING JURISDICTION OVERHEAD PAGING AMPLIFIER AUDIO VISUAL DEVICE/EQUIP (COORDINATE OUTLET INSTALLATION WITH AV VENDOR) BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BMS VENDOR) BAS/BMS BELOW FINISHED CEILING BABY VIEWING CAMERA DEVICE WALL MOUNTED "CCI" WORKSTATION (IF APPLICABLE) WALL CLOCK CPU COMPUTER WORKSTATION CABLE TRAY DISTRIBUTED ANTENNA SYSTEM DEMARC DEMARCATION ROOM DIAMETER ELECTRICAL METAL TUBING EQUIPMENT ELECTRIC VEHICLE CHARGING STATION FETAL MONITORING INFANT PROTECTION SYSTEM HUGS INTERMEDIATE DISTRIBUTION FRAME (SEE TDR) INFORMATION MONITOR LOW VOLTAGE MAXIMUM MAIN DISTRIBUTION FRAME (SEE TEC) MEDICATION DISTRIBUTION EQUIPMENT MANUFACTURER MIN MINIMUM MON MONITOR NOT APPLICABLE NURSE CALL NOT TO SCALE OPERATING ROOM INTEGRATION EQUIPMENT (COORDINATE INSTALLATION WITH OR INT. VENDOR) OR INT PACS PACS VIEWING STATION PHYSIOLOGICAL/PATIENT MONITORING WALL MOUNTED "PROXIMITY SYSTEMS" WORKSTATION (IF APPLICABLE) PNUEMATIC TUBE SYSTEM (COORDINATE OUTLET INSTALLATION WITH PTS VENDOR) PATIENT TELEVISION PTV RTLS REAL-TIME LOCATING SYSTEM EMPLOYEE TIME CLOCK TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF) TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF) TELE TELEMETRY SYSTEM TRACKER MONITOR

TELEVISION

WALL PHONE

WEATHERPROOF

WIRELESS ACCESS POINT

WALL MOUNTED WORKSTATION ON ARM

UNLESS NOTED OTHERWISE/UNLESS OTHERWISE NOTED

UNO/UON

WAP

# **TECHNOLOGY GENERAL NOTES:**

- 1. 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
- 2. 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 CONSTRUCTION.
- 3. 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. 4. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE
- WORKING AND COORDINATED SYSTEM. 5. 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.
- 6. 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. 7. REFER TO AND COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT.
- 8. 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. 9. 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 UL

APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR FIRE RATED WALL

- 10. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL OUTAGES WITH OWNER'S REPRESENTATIVE. 11. CONTRACTOR SHALL WARRANTY WORK FOR ONE (1) YEAR FROM THE COMPLETION OF THE PROJECT
- AND PROVIDE OWNER WITH AS-BUILT DRAWINGS. 12. 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.
- 13. ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS. 14. 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.
- 15. 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.
- 16. 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. 17. 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. 18. 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. 19. 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 SPECIFCATIONS) FOR ADDITIONAL INFORMATION. 20. 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.

	TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE														
		EQUIPME	NT			CABLING					ROUG	GH IN			GROUNDING
SYSTEM	EQUIPMENT FURNISHED BY	EQUIPMENT INSTALLED BY	TEST/CERTIFIED BY	CABLE FURNISHED BY	CABLE INSTALLED BY	CABLE TERMINATIONS BY	LABELED 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	BACK BOXES INSTALLED BY (NOTE 5)	FLOOR/WALL CORES/SLEEVES BY (NOTE 6)	CONNECTION TO TGB BY
<u>IT&amp;S SYSTEMS -</u> 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	N/A	N/A	DIV 26	N/A	DIV 26	DIV 26	N/A	N/A
WIRELESS PANIC BUTTON (IF APPLICABLE)	РВ	РВ	РВ	N/A	N/A	N/A	РВ	РВ	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 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A

- 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 STUB 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. VOICE/DATA WORKSTATION & MEDICAL EQUIPMENT DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
- A. PCS B. PRINTERS (NETWORK, LASER, MULTIFUNCTION, LAB, SCRIPT, ETC.) D. COPIERS E. TRACKER MONITORS
- G. WIRELESS ACCESS POINTS J. SCANNERS M. ULTRA SOUND MACHINE
- H. TELEPHONE SETS K. LAB EQUIPMENT (STERILIZERS, ETC.) N. ADDITIONAL MEDICAL EQUIPMENT
- F. TIME CLOCK (EMPLOYEE) I. MED DISPENSERS L. POINT OF USE (POU) SCANNER

C. FAX MACHINES

- ABBREVIATIONS:

   DIV 08 DOOR HARDWARE CONTRACTOR
- DIV 26 ELECTRICAL CONTRACTOR
- DIV 27 COMMUNICATIONS CABLING CONTRACTOR
- DIV 28 ELECTRONIC ACCESS CONTROL/SECURITY CONTRACTOR OWNER - OWNER OR OWNER'S VENDOR
- NC NURSE CALL VENDOR PB - CENTURION PANIC BUTTON VENDOR
- ME MEDICAL EQUIPMENT PLANNER
- TV TELEVISION VENDOR
- SP SERVICE PROVIDER GC - GENERAL CONTRACTOR
- PM PHYSIOLOGICAL MONITORING VENDOR N/A - NOT APPLICABLE
- TEC TELECOMMUNICATIONS EQUIPMENT ROOM / MDF TDR - TELECOMMUNICATIONS DISTRIBUTION ROOM / IDF

CONSTRUCTION As Noted on Plans Review

Devenney GROU

Devenney Group Ltd., Architects

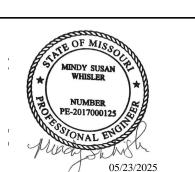
6900 East Camelback Road

Scottsdale, AZ 85251 T: 602.943.8950

Suite 500

www.devenneygroup.com





WSP USA Buildings Inc. 2013001881

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 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 CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

> 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 2

FACILITY NUMBER: 0972400009

AGENCY APPROVALS: AGENCY

DESCRIPTION DATE REV#

DATE: 1/8" = 1'-0" ゴ DRAWN: Author

Checker

6406.24.0001

GENERAL INFORMATION -

REVIEWED:

S JOB NUMBER:

**TECHNOLOGY** 

T00-00

# **GENERAL NOTES:**

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.
- LOCATIONS OF ALL DEVICES.

  B. REFER TO SHEET T00-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.

  C. ALL DEVICES WITHIN ROOMS CONTAINING HARD PAN CEILINGS SHALL HAVE CONDUITS ROUTED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
- D. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER THAN 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90-DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS. IF THERE IS REVERSE BEND IN THE SECTION, A PULL POINT SHALL BE INSTALLED. PULL BOXES SHALL NOT BE USED IN LIEU OF BENDS. THE INSIDE RADIUS OF ALL CONDUIT BENDS SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER. BENDS IN CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING INSTALLATION. NO DAISY
- CHAINING OF BACK BOXES ALLOWED UNLESS OTHERWISE NOTED.

  E. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.

  F. FOR ALL WALL MOUNTED MONITORS (TRACKERS, INFO, SECURITY, PATIENT, ETC.), CONTRACTOR SHALL COORDINATE A/V BACKBOX LOCATION AND MOUNTING HEIGHT WITH VENDOR PROVIDED
- MOUNTING BRACKET PRIOR TO ROUGH IN.
  G. CEILING MOUNTED VIDEO SURVEILLANCE CAMERAS SHALL BE PROVIDED WITH A 15' CABLE SERVICE LOOP ABOVE CEILING AT CAMERA END.

# # LEGEND NOTES

- 1. CONTRACTOR SHALL FURNISH AND INSTALL A 2-INCH CONDUIT PATHWAY ORIGINATING FROM THE TEMPORARY KITCHEN TRAILER TO EXTERIOR WALL. THE PATHWAY SHALL FOLLOW THE DESIGNATED ROUTE ALONG THE RAMP AND CONTINUE ACROSS THE GROUND TO THE EXTERIOR WALL OF THE BUILDING. THE CONDUIT SHALL EXTEND UP WALL AND BE FITTED WITH AN EXTERIOR NEMA RATED JUNCTION BOX ON EXTERIOR OF BUILDING. CONDUIT SHALL PENETRATE THE BUILDING ENVELOPE AND EXTEND INTO THE ACCESSIBLE CEILING SPACE
- WITHIN THE BUILDING.

  2. PROVIDE INDOOR/OUTDOOR RATED CAT6A NETWORK CABLES (BELDEN PART# 2148A) FROM NEAREST IDF ROOM WITHIN HOSPITAL TO EACH OUTLET SHOWN ON PLAN. PROVIDE CAT6A RATED SURGE SUPPRESSORS (EATON/TRIPP LITE PART# B110-SP-10G, OR EQUAL) ON BOTH ENDS OF EACH CAT6A CABLE INSTALLED.

  3. A CODE-COMPLIANT RAMP/COVER (ELASCO PART# MG2200, OR EQUAL) SHALL BE PROVIDED
- OVER THE CONDUIT PATHWAY WHERE IT CROSSES PEDESTRIAN AREAS (E.G., GROUND OR SIDEWALK), IN ORDER TO MITIGATE TRIP HAZARDS AND MAINTAIN ACCESSIBILITY.



**GROUP**Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com





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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

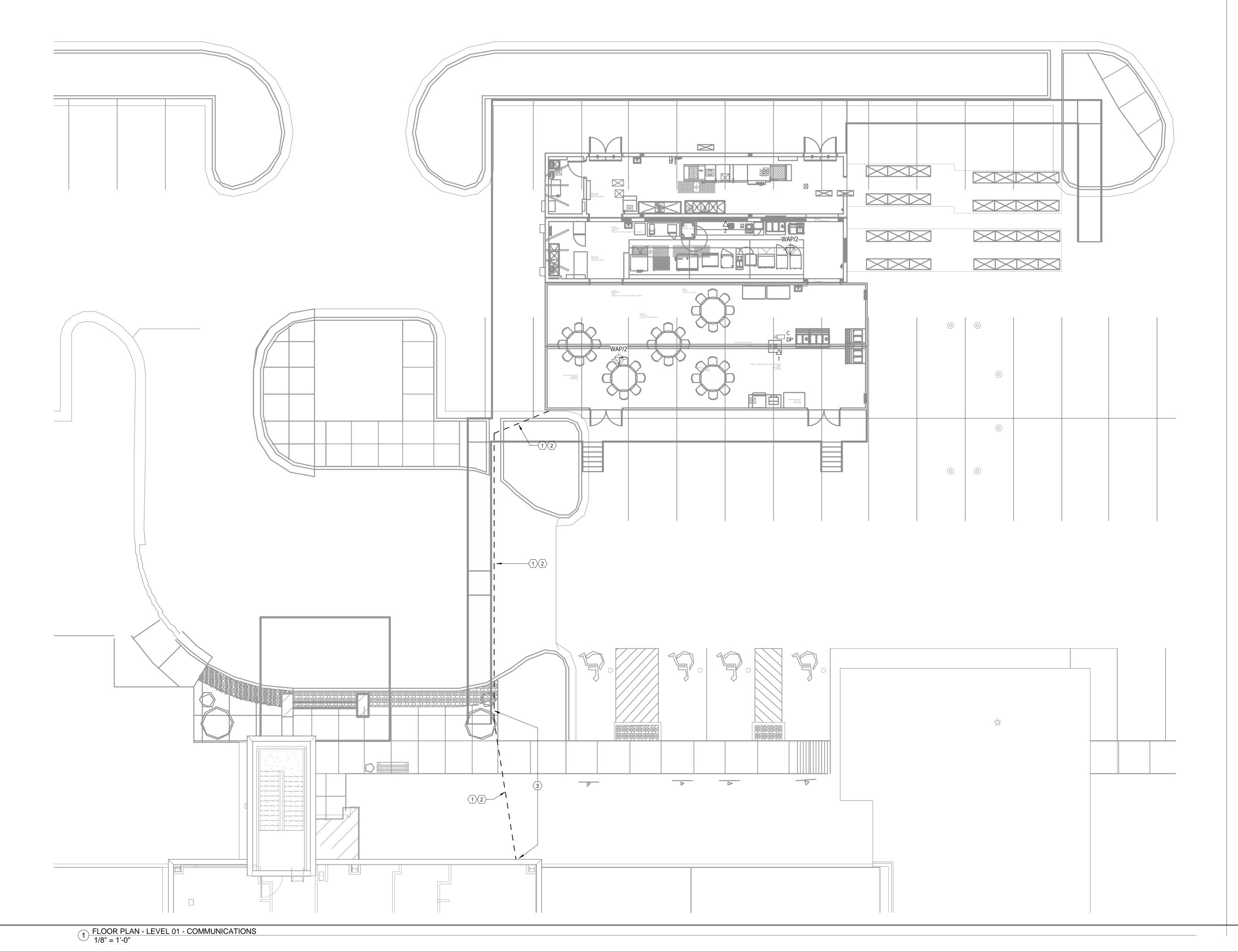
AGENCY APPROVALS:

REVISIONS DATE

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

FLOOR PLAN - LEVEL 01 - COMMUNICATIONS

T02-01



RELEASED FOR
CONSTRUCTION
As Noted on Plans Review

Devenney GROUP

Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
T: 602.943.8950

www.devenneygroup.com

Consultant:

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FACILITY NUMBER:
0972400009
FACILITY NUMBER 2

AGENCY APPROVALS: AGENCY

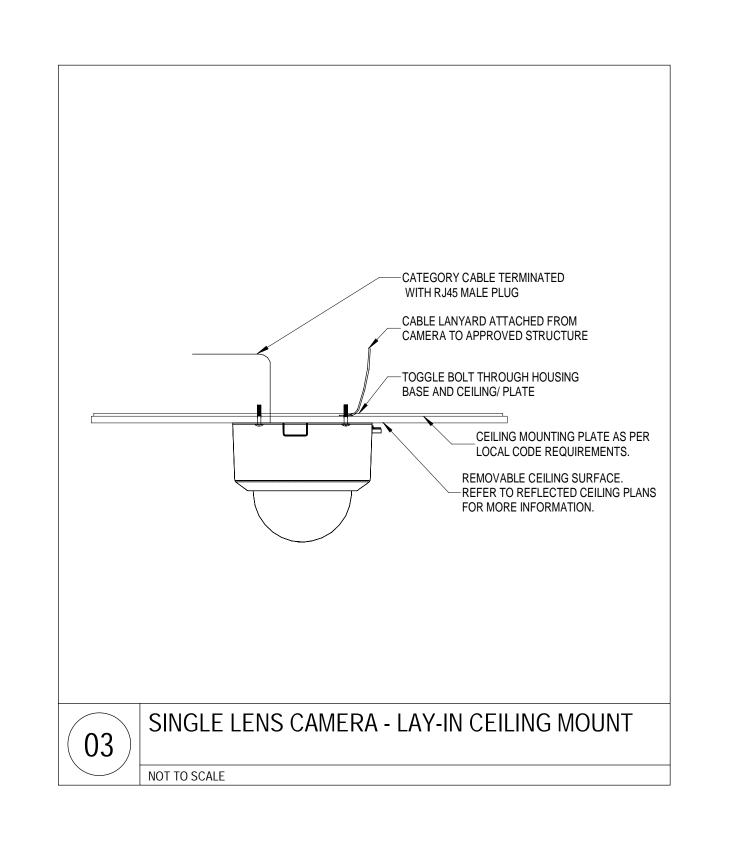
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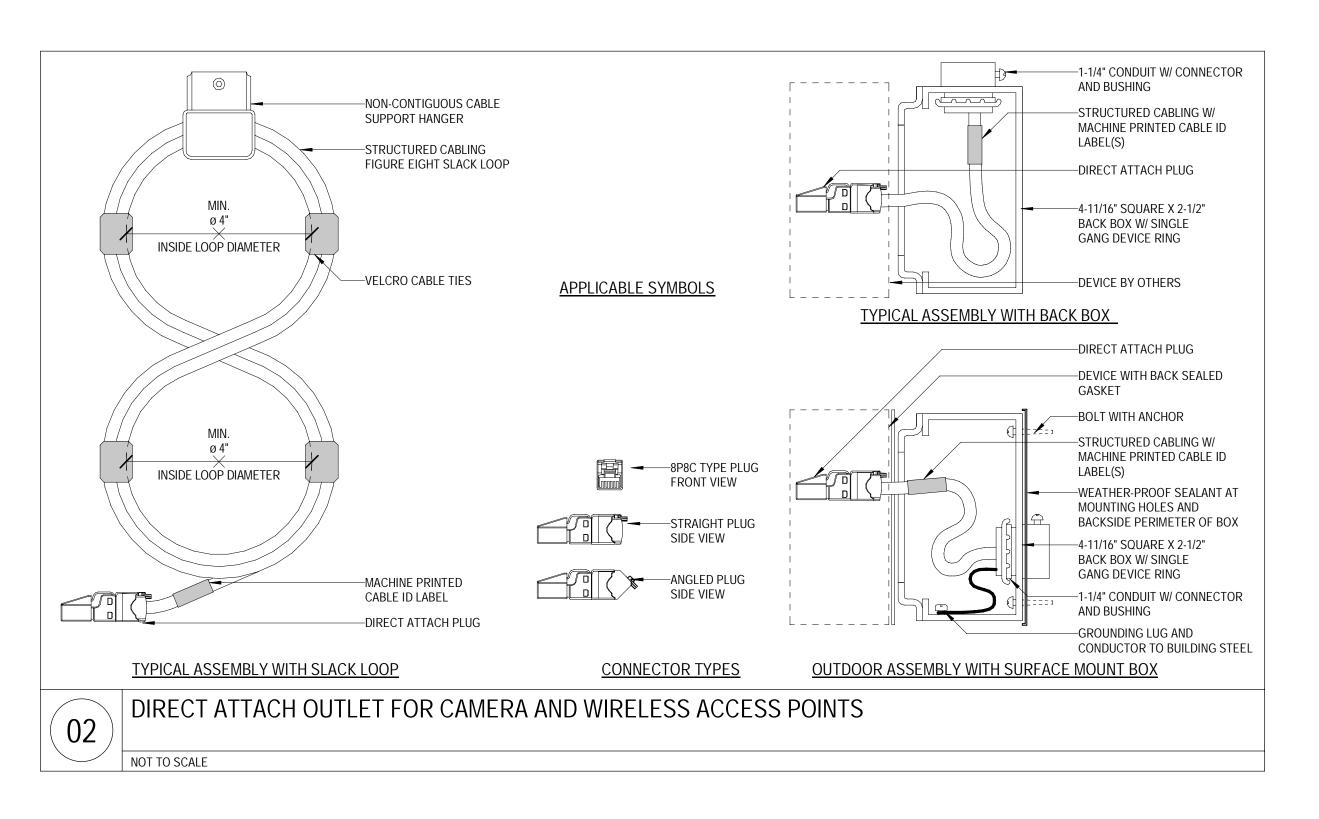
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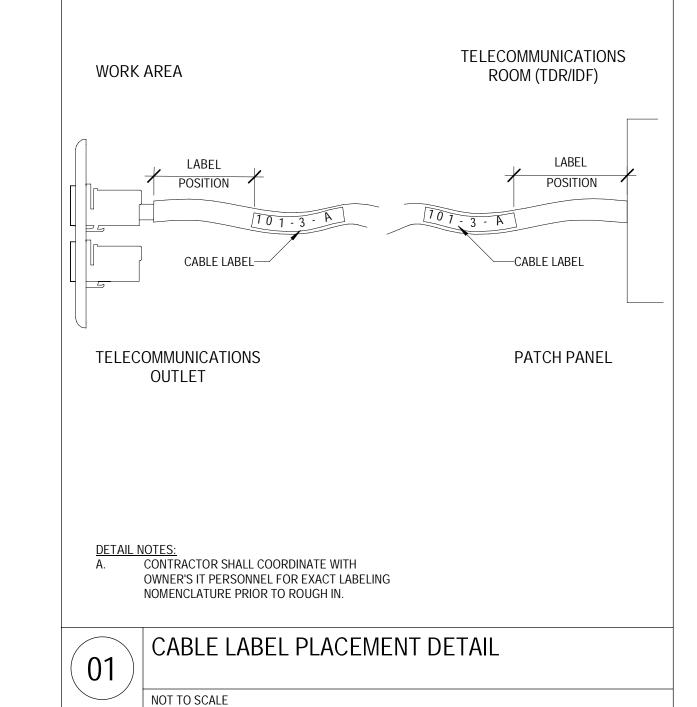
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DRAWN: Author
REVIEWED: Checker
JOB NUMBER: 6406.24.0001

DETAILS - TECHNOLOGY

T07-01







# RELEASED FOR CONSTRUCTION

As Noted on Plans Review

Legs Supplied is 07/29/2025

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131 WEST JEFFERSON AVE.

SUITE 223 NAPERVILLE, IL. 60540 630-355-1660 www.kitchenstogo.com

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# FDBY LEE'S SUMMIT MEDICAL CENTER

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G-001

2100 SE Blue Pkwy Lee's Summit, MO 64063

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# FDBY Lee's Summit Complex

COMPLEX DRAWING INDEX							
SHEET NO.	SHEET CREATED	DESCRIPTION	REV. NUMBER	REV. DATE	REV. NOTE		
G-001		Cover Sheet & Drawing Index					
G-002		Applicable Codes, General Notes & Finish Schedules					
G-003		Door Schedule & Egress Plan					
G-004	004 Typical 2A & 5B Construction Types						
A-101		Site Plan					
I-101A		Interior Floor Plan & Equipment List					
I-101A		Interior Floor Plan & Equipment List					
I-101B		W833_C849 Interior Complex Plan & Equipment List					
A-103		W712 & W718 Utilities Plan					
A-103B		W833_C849 Utilities Plan					
S-501 W712 & W718 Structural Tie-Down Plans & Details							
S-501B		W833_849 Structural Tie-Down Plans & Details					
S-501C		Mobile Modular Office_Dry Storage Structural Tie-Down Plans & Details					
S-501D		Walk-In Cooler Structural Tie-Down Plans & Details					

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06/12/2025
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HOUSING

	M681 DRAWING INDEX						
SHEET NO.	SHEET CREATED	DESCRIPTION	REV. NUMBEI	<u> </u>	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					

M682 DRAWING INDEX						
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(M682) G-001	Cover Sheet & Drawing Index					
(M682) I-101	(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						

	M820 DRAWING INDEX						
SHEET NO.	SHEET CREATED	DESCRIPTION		EV. IBER	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	0) P-602 Waste Water Plumbing Schematic						
(M820) P-603		Gas Plumbing Schematic					

M821 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				
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(M821) M-501	(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				

DESIGN CF	RITERIA				
	PROPOSED	M681	M682	M820	M821
ROOF:	SITE LOADS				
LIVE LOAD (SNOW):	20 PSF	30 PSF	30 PSF	60 PSF	60 PSF
GROUND SNOW LOAD:	20 PSF	30 PSF	30 PSF	60 PSF	60 PSF
FLOOR:					
LIVE LOAD: UNIFORM	100 PSF	100 PSF	100 PSF	100 PSF	100 PSF
CONCENTRATED	2000 LBS	2000 LBS	2000 LBS	2000 LBS	2000 LBS
WIND:					
CODE:	ASCE 7/16	ASCE 7/05	ASCE 7/05	ASCE 7/10	ASCE 7/10
WIND SPEED: Vult =	109 MPH	116 MPH	116 MPH	140 MPH	140 MPH
EXPOSURE CATEGORY:	С	O	O	C	С
SEISMIC CATEGORY:	В	С	O	Α	Α
FLOODING:	N/A	N/A	N/A	N/A	N/A
ENCLOSURE CLASSIFICATION:	ENCLOSED I	ENCLOSED	ENCLOSED	ENCLOSED	ENCLOSED

CLIMATE	ZONE: 4A
CLINAIL	LUITE. TA

Egress Requirements						
EGRESS ITEM	REQUIRED PROVIDED					
	BUILDING	LIFE SAFETY				
Number of Exits Required	1	1	4			
Minimum Opening Width	36"	36"	72"			
Minimum Stair Width	N/A	N/A	N/A			

Occupancy Legend							
IBC 2021, TABLE 1004.5							
DINING	ASSEMBLY USE - LESS CONCENTRATED WITHOUT FIXED SEATING						
	1,417 SF / 15 SF OCC = 95 OCCUPANTS						
KITCHEN	1,987 SF / 200 SF OCC = 10 OCCUPANTS						

- DRINKING FOUNTAINS SHALL BE PROVIDED AND INSTALLED BY OTHERS ON SITE.
  RESTROOM AND HANDICAPPED RESTROOM FACILITIES MUST BE READILY ACCESSIBLE WITHIN 500 FEET TRAVEL DISTANCE OF THIS BUILDING ON THE SITE.
- DATA PLATES AND LABELS LOCATED ON LOAD CENTER COVER UNLESS OTHERWISE SPECIFIED. FIRE SAFETY PLAN REVIEW & INSPECTION IS RESERVED FOR THE LOCAL FIRE OFFICIAL HAVING

#### **EQUIPMENT INSTALLATION**

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY THE MANUFACTURER, HAVE NOT BEEN INSPECTED BY TRA AND ARE NOT CERTIFIED BY THE STATE MODULAR LABEL. NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIAL THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL. CODE COMPLIANCE MUST BE DETERMINED AT THE LOCAL LEVEL.

## ITEMS TO BE INSTALLED ON SITE BY KTG BY MOBILE MODULAR: 1. MAKE UP AIR UNIT.

- EXHAUST FANS
- CONDENSING UNITS. BLOCKING OF UNIT.
- THE MAIN ELECTRICAL PANEL AND SUBFFEDERS. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATELINE(S) - (MULTI-UNITS ONLY).
- STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES
- (MULTI-UNITS ONLY).

  8. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.

#### ITEMS TO BE INSTALLED ON SITE BY OTHERS:

1. UTILITIES HOOK UP

#### FACTORY INSTALLED ITEMS:

- COOKING EQUIPMENT
- SINKS PREP EQUIPMENT

### M821: MAKE-UP AIR

MODEL: A2-D.250-G15-R-MPU 208V 3PH 60HZ MODEL: A3-D.500-G18-MPU 208V, 3PH, 60HZ

#### M820: **HVAC**

MODEL: #YSK090A3S0M\*\*00B0A1B0A0A1 7.5 TON-ROOF TOP A/C UNIT 208V, 3PH, 60HZ

#### M681: **HVAC**

MODEL: W60AYDA15XX4XXF BARD 5 TON-WALL MOUNTED ELECTRIC 208V. 1PH. 60HZ

## M682: **HVAC**

MODEL: W60AYDA15XX4XXE BARD 5 TON-WALL MOUNTED ELECTRIC 208V. 1PH. 60HZ

FINISH SCHEDULE:

ROOF: FIBERGLASS REINFORCED PLASTIC (FRP),

COLOR - WHITE

FLOOR: VINYL THAT CONTINUES UP TO THE WALL FOUR INCHES WITH A 3/8" INCH RADIUS COVE AS A

INTEGRAL UNIT.

ALTRO STRONGHOLD 30 COLOR - SKYLINE

CEILING: FOOD GRADE WASHABLE TILES IN

2X4 SUSPENDED GRID. (ARMSTRONG #870)

COLOR - WHITE

**INTERIOR** 

WALLS: FIBERGLASS REINFORCED PLASTIC (FRP), COLOR

WHITE

STAINLESS STEEL 18 GA, TYPE 304, FINISH #4, HORIZONTAL GRAIN BEHIND COOKING LINE. COUNTER: STAINLESS STEEL 16 GA, TYPE 304, FINISH #4,

HORIZONTAL GRAIN. SHELVING: STAINLESS STEEL 16 GA, TYPE 304, FINISH #4,

HORIZONTAL GRAIN.

EQUIPMENT: MOUNTED LOOSE, SECURE FOR TRANSPORT.

#### INSTALLATION:

ANY GAP LESS THAN 3/8" WIDE TO BE SEALED WITH A SMOOTH SEMI-PERMANENT APPROVED FOOD GRADE CAULK JOINT.

ANY GAP LARGER THAN 3/8" REQUIRES THE USE OF A CAULK BACK MATERIAL.

ALL SHARP EDGES TO BE SMOOTHED.

USE 3/16 RIVETS ON ALL STAINLESS RIVETING.

ALL VENTS MUST HAVE SCREENS.

#### C934 & C935 DRY STORAGES FINISH SCHEDULE:

ROOF: FIBERGLASS REINFORCED PLASTIC (FRP),

COLOR - WHITE

FLOOR: VINYL THAT CONTINUES UP TO THE WALL FOUR INCHES WITH A 3/8" INCH RADIUS COVE AS A

INTEGRAL UNIT.

ALTRO STRONGHOLD 30

COLOR - SKYLINE

CEILING: FOOD GRADE WASHABLE TILES IN

2X4 SUSPENDED GRID. (ARMSTRONG #870) COLOR - WHITE

INTERIOR

WALLS: FIBERGLASS REINFORCED PLASTIC (FRP),

COLOR - WHITE

**MISSOURI PUBLIC SERVICE** COMMISSION **APPROVED** 06/12/2025

**MANUFACTURED** HOUSING

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4/11/2025

**RELEASED FOR** CONSTRUCTION

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

T R AR VOLD & ASSOC 4703 Che May

#### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit. MO 64063

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SET	REV.	DATE	DES	CRIPTION	NA
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L24-050 M820, M821, M681, M682 11x17 SCALE: N/A 22x34 SCALE: N/A

Applicable Codes, General **Notes & Finish Schedules** 

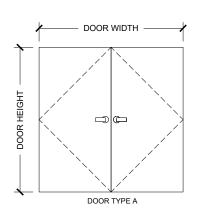
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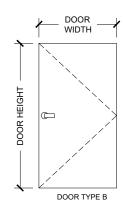
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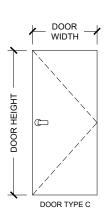
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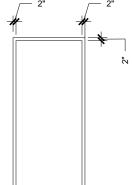
DOOR SCHEDULE													
				DOOR	S			-	RAMES	;			
		DII	MENSIO	NS	М	ATERIAL	_S						
TAG	DOOR TYPE	WIDTH	НЕІСНТ	ТНК.	PANEL MATERIAL	PANEL FINISH	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	HARDWARE GROUP	FIRE RATING	COMMENTS
D101	TYPE A	6'-0"	7'-0"	1'-3/4"	IHM	PA	N/A	TYPE A	HM	PA	_	45Min.	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"	НМ	PA	N/A	TYPE A	HM	PA	-	N/A	INTERIOR DOOR







#### **DOOR TYPES**



- 16 GA KNOCKDOWN FRAME -SEE FRAME CRITERIA

#### FRAME TYPE

FRAME TYPE A\*

ABBREVATIONS							
ABBREVATIONS	DESCRIPTION						
AL	ALUMINUM						
GL	GLAZING						
НМ	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						

#### HOLLOW METAL FRAME CRITERIA:

GAGE: 16, GALVANEALED LHR/ RHR SWING FIRE LABELING: NONE SPECIFIED CONSTRUCTION TYPE: AFTER DRYWALL KNOCKDOWN WRAPAROUND JAMB DEPTH: 9" WITH 8" THROAT - DEPTH AS SPECIFIED
REINFORCED FOR SVR EXIT DEVICE STRIKES AND DOOR CLOSERS TOTAL FLAME COUNT: 1 EACH

#### EXTERIOR HOLLOW METAL DOOR CRITERIA:

GAGE: 18, GALVANEALED FIRE LABELING: NONE SPECIFIED SIZE: VARIES
CONSTRUCTION: POLYSTYRENE FOAM INSULATED PREPARED FOR SVR EXIT DEVICES WITH LEVER TRIMS. REINFORCED FOR DOOR CLOSER EXTERIOR HOLLOW METAL DOOR LEAF COUNT: 2 EACH U-FACTOR: 0.37

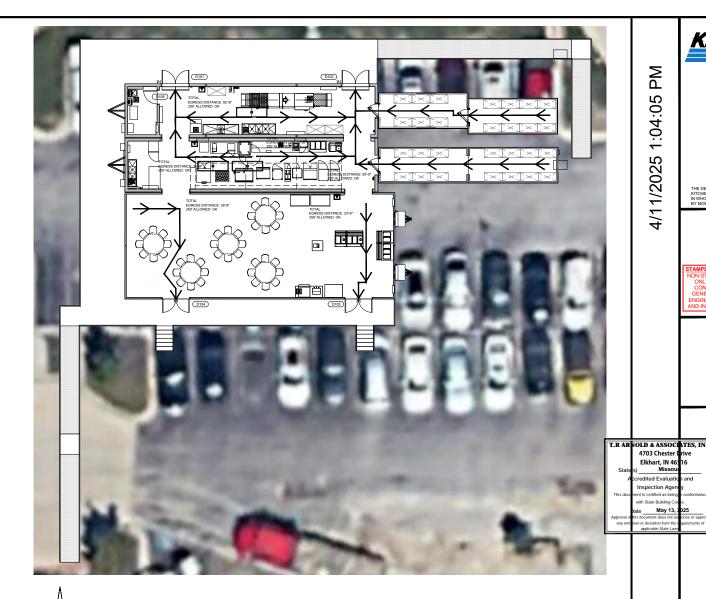
#### FINISH HARDWARE:

ONE LOT OF FINISH HARDWARE INCLUDING: 6 EACH - HINGES, BALL BEARING WITH NON-REMOVABLE PINS 0 EACH - HINGES, BALL DEARING WITH NON-REMINVABLE FINS 2 EACH - HAGER SURFACE VERTICAL ROD (SVR) EXIST DEVICE, GRADE 1 W/LOCKING LEVER TRIMS 2 EACH - HAGER DOOR CLOSER, HEAVY DUTY 1 EACH - BRUSH PERIMETER WEATHER-STRIPPING KIT 1 EACH - BRUSH MEETING STILE GASKET SET 2 EACH - BRUSH DOOR BOTTOM SWEEPS

1 EACH - ALUMINUM THRESHOLD 1 EACH - NESC9800 RIGID ENTRANCE LOCKSET, ANTI-MICROBIAL COATING

#### **GRAPHIC SYMBOLS LEGEND**

D101 DOOR NUMBER



**EGRESS PLAN** 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** 

06/12/2025

**MANUFACTURED** 

## **FDBY LEE'S SUMMIT**

2100 SE Blue Pkwy

DATE DESCRIPTION REV MMS HB/RR L24-050 M820, M821, M681, M682 11x17 SCALE: N/A 22x34 SCALE: N/A

Door Schedule & Egress Plan

Sheet

G-003

**MEDICAL CENTER** 

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RANSOM

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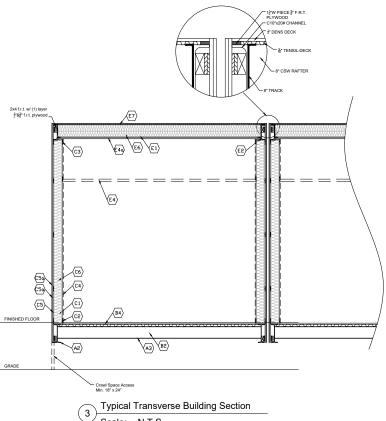
MCGRATH RENTCORP. DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30 ETNA GREEN, IN 46524

Lee's Summit, MO 64063

ഗ REV. DELTA ₹ Drawn By

**SUBMIT** 

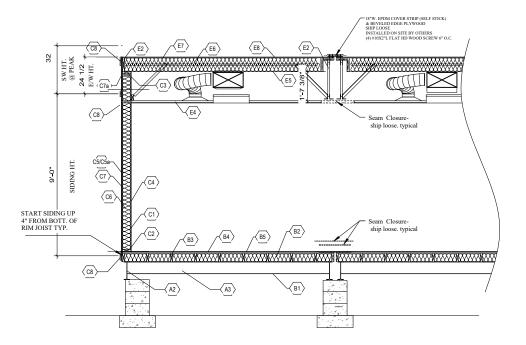
HOUSING



KTG MODULAR UNIT TYPICAL TYPE 2A CONSTRUCTION (SEE KEYNOTES)

Scale: N.T.S.

		FRAME
A2	MAIN BEAM:	W12" x 22# I-BEAM (ROLLED)
A3	X-MEMBER:	W8" x 13# @48" O.C.
		FLOOR ASSEMBLY
B1	BOTTOM BOARD:	30 GAUGE GALVANIZED
B2	INSULATION:	R-19 KRAFT FACED FIBERGLASS BATT
B3	JOISTS:	2 x 6 (#2 SPF) AT 16" O.C. NOMINAL
B4	DECKING:	5/8" T&G CDX PLYWOOD (RATED 40/20)
		UNDER 5/8" SQ. EDGE UNDERLAYMENT PLYWOOD (RATED 40/20)
B5	COVERING:	SEE FINISH SCHEDULE
	E	XTERIOR WALL ASSEMBLY
C1	STUDS	2 x 6 (SPF STUD) @ 16" O.C
C2	BOTTOM PLATE	(1) 2 x 6 (#3 SPF)
C3	TOP PLATE	(2) 2x6 (#3 SPF) RAFTER DIRECTLY OVER STUD
C4	INT. COVERING	.090 FRP LAMINATED TO 5/8" UNIFINISHED GYPSUM BOARD
C5	SHEATHING	5/8" DENSGLASS (TYPE-X) INSTALLED OVER FRAMING
C5a	SHEATHING	1/2" F.R.T. EXTERIOR GRADE PLYWOOD - B-C or B-D (RATED 32/16)
		INSTALLED OVER 5/8" DENS-GLASS
C5b	SHEATHING	AIR INFILTRATION BARRIER (TYVEK OR EQUAL)
		BETWEEN DENSGLASS AND PLYWOOD
C6	INSULATION	R-19 OR R-21 KRAFT FACED FIBERGLASS BATT
		ROOF ASSEMBLY
E1	RAFTERS:	2 x 10 (#2 SPF), UNTAPERED
E3	SIDE WALL BEAM:	C10"x 20 # CHANNEL
E4	CEILING	SUSPENDED (T-GRID) W/ 2' X 4' LAY-IN TILE
E5	TRUE CEILING	(1) LAYER 5/8" TYPE "X" UNFINISHED GYP. B'D
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



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

		FRAME
A2	MAIN BEAM:	W12" x 22# I-BEAM (ROLLED)
A3	X-MEMBER:	W8" x 13# @48" O.C.
		FLOOR ASSEMBLY
B1	BOTTOM BOARD:	30 GAUGE GALVANIZED
B2	INSULATION:	R-19 KRAFT FACED FIBERGLASS BATT
B3	JOISTS:	2 x 6 (#2 SPF) AT 16" O.C. NOMINAL
B4	DECKING:	5/8" T&G CDX PLYWOOD (RATED 40/20)
		UNDER 5/8" SQ. EDGE UNDERLAYMENT PLYWOOD (RATED 40/20)
B5	COVERING:	SEE FINISH SCHEDULE
	E	XTERIOR WALL ASSEMBLY
C1	STUDS	2 x 6 (SPF STUD) @ 16" O.C
C2	BOTTOM PLATE	(1) 2 x 6 (#3 SPF)
C3	TOP PLATE	(2) 2x6 (#3 SPF) RAFTER DIRECTLY OVER STUD
C4	INT. COVERING	.090 FRP LAMINATED TO 5/8" UNIFINISHED GYPSUM BOARD
C5	SHEATHING	5/8" DENSGLASS (TYPE-X) INSTALLED OVER FRAMING
C5a	SHEATHING	1/2" F.R.T. EXTERIOR GRADE PLYWOOD - B-C or B-D (RATED 32/16)
		INSTALLED OVER 5/8" DENS-GLASS
C5b	SHEATHING	AIR INFILTRATION BARRIER (TYVEK OR EQUAL)
		BETWEEN DENSGLASS AND PLYWOOD
C6	INSULATION	R-19 OR R-21 KRAFT FACED FIBERGLASS BATT
		ROOF ASSEMBLY
E1	RAFTERS:	2 x 10 (#2 SPF), UNTAPERED
E3	SIDE WALL BEAM:	C10"x 20 # CHANNEL
E4	CEILING	SUSPENDED (T-GRID) W/ 2' X 4' LAY-IN TILE
E5	TRUE CEILING	(1) LAYER 5/8" TYPE "X" UNFINISHED GYP. B'D
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 **MANUFACTURED** HOUSING

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T.R AR NOLD & ASSOCIATES, IN 4703 Ches

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## **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DATE DESCRIPTION REV DELTA -Drawn By: HB/RR MMS L24-050 M820, M821, M681, M682 11x17 SCALE: N/A 22x34 SCALE: N/A

Typical 2A & 5B Construction **Types Site Plan** 

G-004

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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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### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV.	DATE	DESC	NAME					
DI	ELT	A -	REV	-				
	n By:	Approved By:						
1	имs							
	E NUMBER		UNIT NUMBER					
L24	-050	M82	M820, M821, M681, M682					

Site Plan

11x17 SCALE: 1/32"=1'-0" 22x34 SCALE: 1/16"=1'-0"

A-101

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



**MISSOURI PUBLIC SERVICE COMMISSION** 

## **APPROVED**

06/12/2025

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MCGRATH RENTCORP.

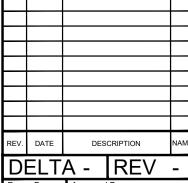
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DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30 ETNA GREEN, IN 46524



#### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit. MO 64063



Drawn By Approved By: NAMA

L24-050 M820, M821, M681, M682

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

Interior Floor Plan & **Equipment List** 

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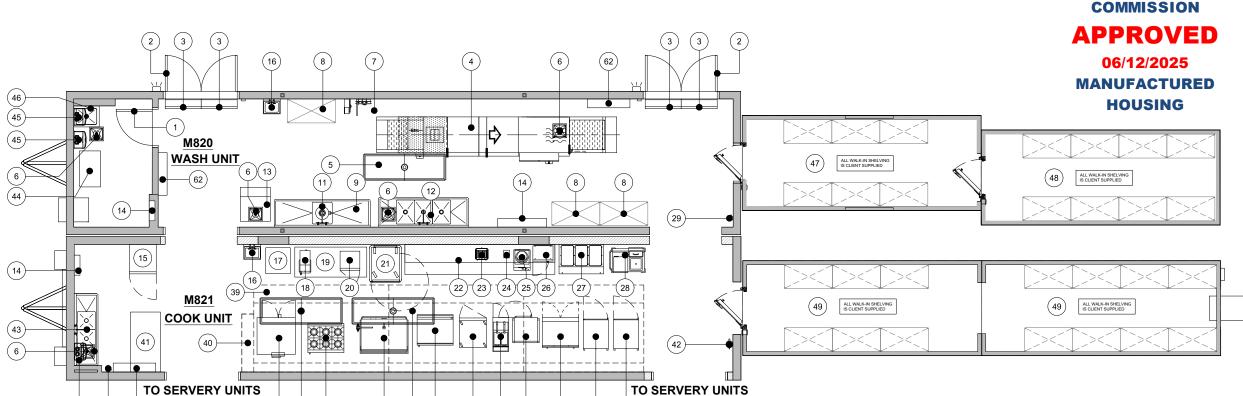
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I-101A





(34)

(33)(32)

(45)

(29)

(62)

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

WALL LEGEND

2X6 EXISTING EXTERIOR WALL

**MISSOURI** 

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

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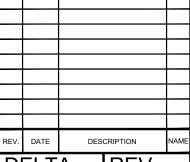
MCGRATH RENTCORP.
DBA KITCHENS TO GO
BY MOBILE MODULAR
DBA MOBILE MANAGEMENT CORP.
9876 WEST OLD US 30
ETNA GREEN, IN 46524

**FDBY LEE'S SUMMIT** 

2100 SE Blue Pkwy

Lee's Summit, MO 64063

**MEDICAL CENTER** 



REV DELTA

MMS L24-050 M820, M821, M681, M682

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

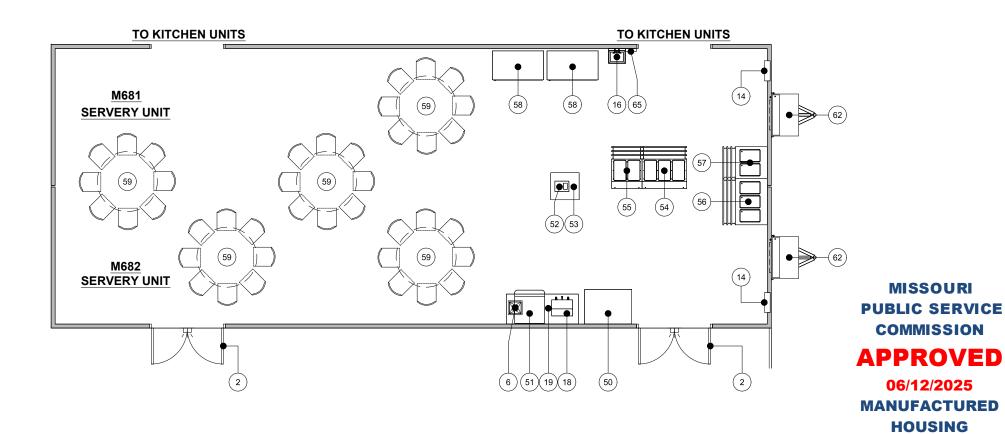
Interior Floor Plan & **Equipment List** 

I-101B

ITEM NO.         DESCRIPTION           1         36" Interior Door           2         72" Entry Door           3         36" Air Curtain           4         Flight Type Dish Machine           5         Trench Drain           6         Floor Sink           7         Hose Bib With 10' Hose And Nozzle Sprayer           8         Storage Rack - 48" x 24"           9         1 Compartment Sink	KTG X	cs	ITEM NO.	DESCRIPTION						$\overline{}$
2 72" Entry Door 3 36" Air Curtain 4 Flight Type Dish Machine 5 Trench Drain 6 Floor Sink 7 Hose Bib With 10' Hose And Nozzle Sprayer 8 Storage Rack - 48" x 24" 9 1 Compartment Sink	Х		1	DESCRIPTION	KTG	CS	ITEM NO.	DESCRIPTION	KTG	cs
3 36" Air Curtain 4 Flight Type Dish Machine 5 Trench Drain 6 Floor Sink 7 Hose Bib With 10' Hose And Nozzle Sprayer 8 Storage Rack - 48" x 24" 9 1 Compartment Sink			23	Toaster		Х	45	Water Heater	X	
4 Flight Type Dish Machine 5 Trench Drain 6 Floor Sink 7 Hose Bib With 10' Hose And Nozzle Sprayer 8 Storage Rack - 48" x 24" 9 1 Compartment Sink	X		24	Ticket Printer		Х	46	Mop Sink	X	
5 Trench Drain 6 Floor Sink 7 Hose Bib With 10' Hose And Nozzle Sprayer 8 Storage Rack - 48" x 24" 9 1 Compartment Sink	X		25	Induction Heat Activator		Х	47	8' x 20' Walk-In Cooler	X	
6 Floor Sink 7 Hose Bib With 10' Hose And Nozzle Sprayer 8 Storage Rack - 48" x 24" 9 1 Compartment Sink	X		26	Microwave		Х	48	8' x 20' Walk-In Freezer	X	
7 Hose Bib With 10' Hose And Nozzle Sprayer 8 Storage Rack - 48" x 24" 9 1 Compartment Sink	X		27	3 Well Hot Food Table	X		49	8' x 40' Walk-In Dry Storage	X	
8 Storage Rack - 48" x 24" 9 1 Compartment Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
9 1 Compartment Sink	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		Х
		Х	30	Hot Holding Cabinet	X		52	Cash Register		Х
	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	Х		58	Double Door Beverage Cooler		Х
15 Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	X		59	Dining Table and Chairs		Х
16 Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	Х		60	Not Used		
17 Food Delivery Cart		Х	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
18 Coffee Brewer		Х	40	Fire Suppression System	Х		62	HVAC Unit	X	
19 Stainless Steel Work Table With Undershelf (30"X72")	X		41	Stainless Steel Work Table With Undershelf (30"X60")	Х		63	Floor Sink, Covered & Sealed	X	
20 Countertop Freezer		Х	42	Fire Extinguisher - "K" Type	Х		64	Wall Storage Cabinet	X	
21 Airscreen Reach-In Refrigerator									1	

Booster Heater

**EQUIPMENT SCHEDULE:** 



22

Stainless Steel Work Table With Undershelf And Overshelf (30"X150")

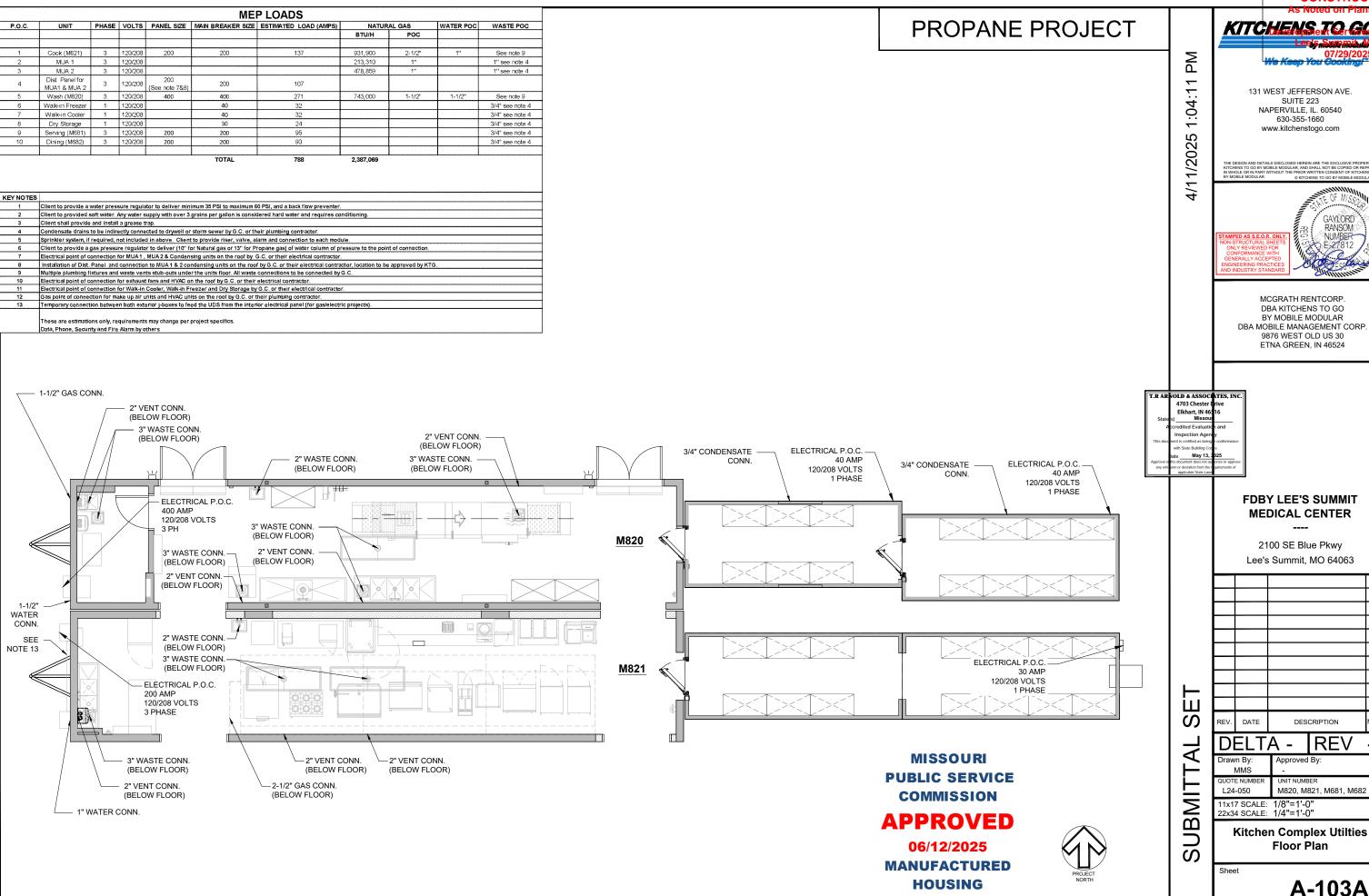
HANDRAILS AND GENERAL ACCESS TO THE BUILDING BY KTG ON SITE.

NOTE:
ADA COMPLIANT RAMPS, STAIRS, PLATFORMS,

BUILDING BY KTG ON SITE.

HOOD LIGHT

RANSOM



PROPANE PROJECT

131 WEST JEFFERSON AVE. SUITE 223 NAPERVILLE, IL. 60540

630-355-1660

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RANSOM

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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4/11/2025

## **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV.	DATE	DES	NAME	
DI	ELT	A -	REV	-
Drow	n Bv	Approved	I Rv.	

L24-050 M820, M821, M681, M682 11x17 SCALE: 1/8"=1'-0" 22x34 SCALE: 1/4"=1'-0"

**Servery Complex Utilties** Floor Plan

A-103B

**MISSOURI PUBLIC SERVICE** COMMISSION **APPROVED** 

06/12/2025

**MANUFACTURED** 

HOUSING

**TO KITCHEN UNITS TO KITCHEN UNITS** 3/4" WATER CONN. 2" WASTE CONN. ELECTRICAL PANEL (BELOW FLOOR) 200 AMP 120/208 VOLTS M682 ELECTRICAL PANEL - 200 AMP 120/208 VOLTS 3/4" WATER CONN. 3" WASTE CONN. -(BELOW FLOOR) 3" VTR



P.O.C.

KEY NOTES

UNIT

MUA 1

MUA 2

MUA1 & MUA 2

Wash (M820)

Walk-in Freezer

Walk-in Cooler 1 120/208

Dry Storage 1 120/208

Serving (M681) 3 120/208

Dining (M682) 3 120/208

Client shall provide and install a grease trap.

Data, Phone, Security and Fire Alarm by others

3 120/208

3 120/208

3 120/208

1 120/208

120/208 (See note 7&8)

**MEP LOADS** 

NATURAL GAS

1-1/2"

213 310

478,859

743,000

WATER POC WASTE POC

See note 9

1" see note 4

1" see note 4

See note 9

3/4" see note 4

PHASE VOLTS PANEL SIZE MAIN BREAKER SIZE ESTIMATED LOAD (AMPS)

200

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

installation of Dist. Panel and connection to MUA1 & 2 condensing units on the roof by G.C. or their electrical contractor, location to be approved by KTG

Client to provide a water pressure regulator to deliver minimum 35 PSI to maximum 60 PSI, and a back flow preventer.

Electrical point of connection for MUA1, MUA2 & Condensing units on the roof by G.C. or their electrical contractor.

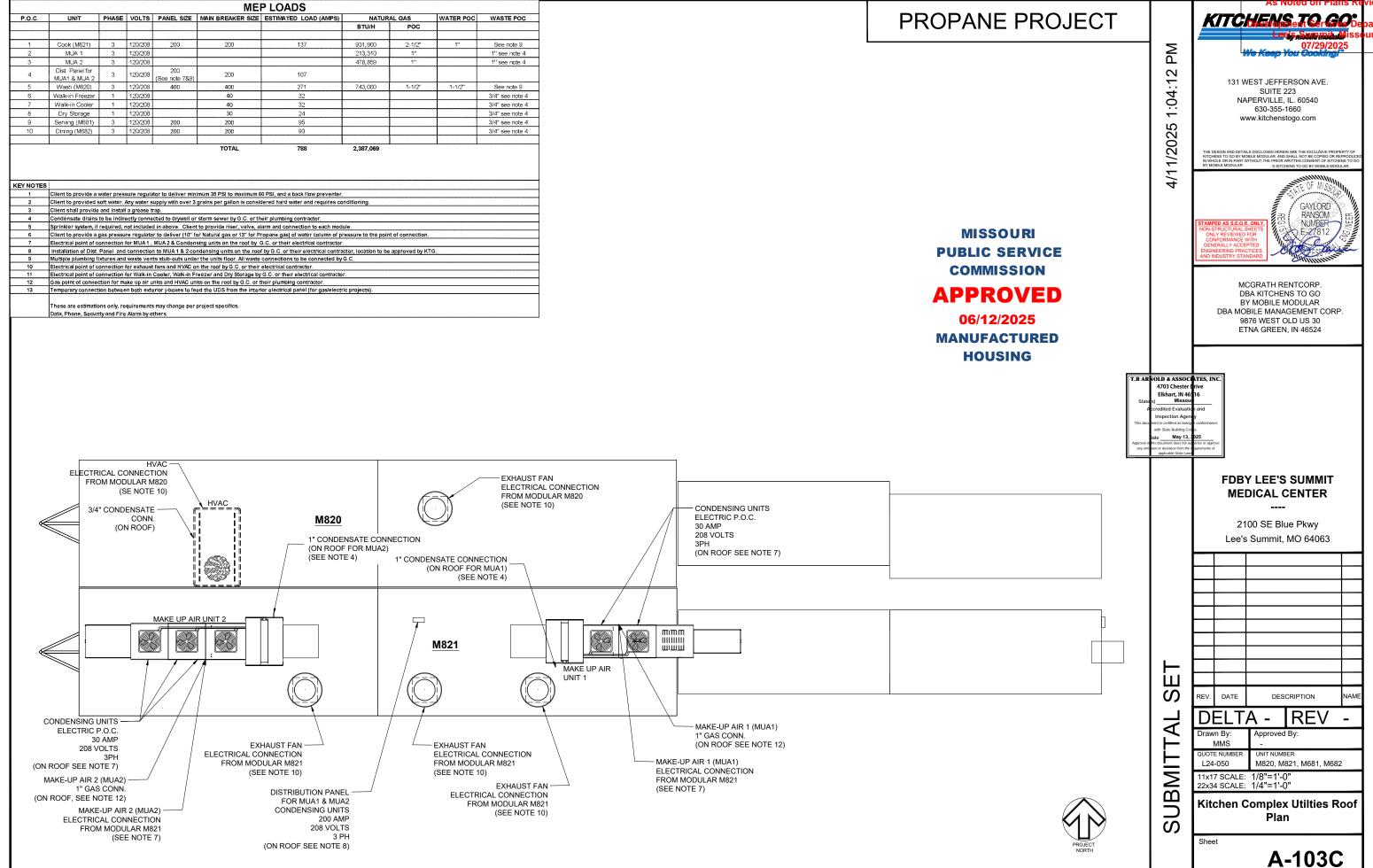
Multiple plumbing fixtures and waste vents stub-outs under the units floor. All waste connections to be connected by G.C. Electrical point of connection for exhaust fans and HVAC on the roof by G.C. or their electrical contractor. Electrical point of connection for Walk-in Cooler, Walk-in Freezer and Dry Storage by G.C. or their electrical contractor Gas point of connection for make up air units and HVAC units on the roof by G.C. or their plumbing contractor.

Temporary connection between both exterior j-boxes to feed the UDS from the interior electrical panel (for gas/electric projects

Condensate drains to be indirectly connected to drywell or storm sewer by G.C. or their plumbing contractor. Sprinkler system, if required, not included in above. Client to provide riser, valve, alarm and connection to each module.

These are estimations only, requirements may change per project specifics.

Client to provided soft water. Any water supply with over 3 grains per gallon is considered hard water and requires conditioning.



RE	LE/	SE	DI	FOR
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4/11/2025

T.R AR NOLD & ASSOCIATES, INC 4703 Ches

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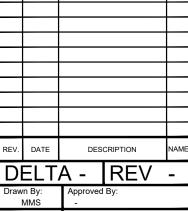
131 WEST JEFFERSON AVE. SUITE 223 NAPERVILLE, IL. 60540 630-355-1660 www.kitchenstogo.com

RANSOM

MCGRATH RENTCORP. DBA KITCHENS TO GO 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



L24-050 M820, M821, M681, M682

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

**Servery Complex Utilties Roof** Plan

Sheet

A-103D

PROPANE PROJECT

KEY NOTES Client to provide a water pressure regulator to deliver minimum 35 PSI to maximum 60 PSI, and a back flow preventer. Client to provided soft water. Any water supply with over 3 grains per gallon is considered hard water and requires conditioning. Client shall provide and install a grease trap. Condensate drains to be indirectly connected to drywell or storm sewer by G.C. or their plumbing contractor. Sprinkler system, if required, not included in above. Client to provide riser, valve, alarm and connection to each module. 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 Electrical point of connection for MUA1, MUA2 & Condensing units on the roof by G.C. or their electrical contractor. 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. Multiple plumbing fixtures and waste vents stub-outs under the units floor. All waste connections to be connected by G.C. Electrical point of connection for exhaust fans and HVAC on the roof by G.C. or their electrical contractor. Electrical point of connection for Walk-in Cooler, Walk-in Freezer and Dry Storage by G.C. or their electrical contractor. Gas point of connection for make up air units and HVAC units on the roof by G.C. or their plumbing contractor. Temporary connection between both exterior j-boxes to feed the UDS from the interior electrical panel (for gas/electric projects

**MEP LOADS** 

107

NATURAL GAS

213 310

478,859

743,000

POC

1-1/2"

WATER POC WASTE POC

See note 9

1" see note 4

1" see note 4

See note 9

3/4" see note 4

UNIT PHASE VOLTS PANEL SIZE MAIN BREAKER SIZE ESTIMATED LOAD (AMPS)

200

200

200

P.O.C.

Cook (M821)

3 120/208

3 120/208

Wash (M820) 3 120/208

Walk-in Freezer 1 120/208

Walk-in Cooler 1 120/208

Dry Storage 1 120/208

Serving (M681) 3 120/208

Dining (M682) 3 120/208

3 120/208 (See note 7&8)

These are estimations only, requirements may change per project specifics.

Data, Phone, Security and Fire Alarm by others

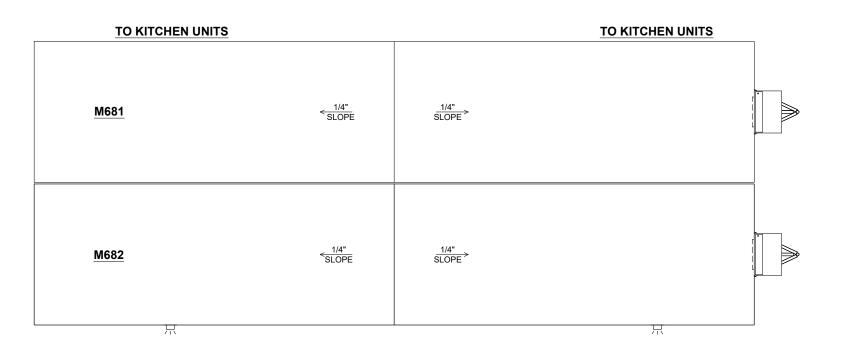
MUA 1

MUA 2

MUA1 & MUA 2

**MISSOURI PUBLIC SERVICE COMMISSION APPROVED** 

06/12/2025 **MANUFACTURED** HOUSING







131 WEST JEFFERSON AVE.

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1:04:14

4/11/2025

T.R ARNOLD & ASSOCIATES, IN

SUITE 223 NAPERVILLE, IL. 60540 630-355-1660 www.kitchenstogo.com

MCGRATH RENTCORP. DBA KITCHENS TO GO 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

ഗ DATE DESCRIPTION **I**REV DELTA ₹

Drawn By MMS L24-050 M820, M821, M681, M682

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

Sheet

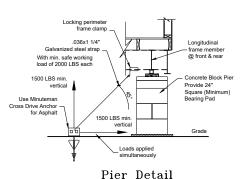
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Pier Plan

A-104



- 1. DRILL A VERTICAL 5/8" DIAMETER HOLE A MINIMUM OF 5 1/2" DEEP INTO THE ASPHALT AT CENTER OF ANCHOR LOCATION
- INSERT PILOT STUD AND ANCHOR BRACKET INTO HOLE. NOTE: DISTANCE FROM BRACKET BOTTOM TO ASPHALT SURFACE SHOULD NOT EXCEED 1".
- DRILL TWO 3/4" DIAMETER HOLES INTO THE ASPHALT AT 45 DEGREE ANGLES, USING THE ANCHOR HEAD AS A LOCATION
- 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



With min. safe working

Pier Detail (Option #1)

Pier Detail (Standard)

11 1/2"

8'-3 5/8"

(5) WALK-IN COOLER

 $\fbox{7} \begin{array}{l} \text{WALK-IN} \\ \text{DRY STORAGE} \end{array}$ 

I-BEAN CLAMP W/ (1) 3/8" x 12"L ALL-THREAD ROD, (2) FLAT WASHERS. (2) LOCK WASHERS, (2) Clamp Detail (Standard)

6 WALK-IN FREEZER

(7) WALK-IN DRY STORAGE

FOR PILOT STUD.

**APPROXIMATE DEAD LOADS** 

COOK MODULE (M821)

WASH MODULE (M820)

WALK-IN COOLER

WALK-IN FREEZER

SERVERY MODULE (M681)

SERVERY MODULE (M682)

WALK-IN DRY STORAGE

WEIGHT (lbs)

58,000

45,000

40,000

40,000

2,400

2,400

4,800

M821

③ <u>M681</u>

<u>√4</u> M682

MARK DESCRIPTION

1/2"

=

1/2"

1/2"

② <u>M820</u>

8'-3 5/8"

-SEE NOTE 7 (TYPICAL)

8'-3 5/8" 60'-0 1/8"

**MISSOURI PUBLIC SERVICE COMMISSION APPROVED** 

> 06/12/2025 **MANUFACTURED**

> > **HOUSING**

# LEE'S SUMMIT MEDICAL CENTER SERVERY - M681

DRAWING INDEX									
SHEET NO.	SHEET CREATED	DESCRIPTION	<u>REV.</u> 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							

**MISSOURI PUBLIC SERVICE COMMISSION** 

## **APPROVED**

06/12/2025 **MANUFACTURED HOUSING** 

RELEASED FOR CONSTRUCTION

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



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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1:35:40

4/8/2025



#### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

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# M820, M821, M681, M682

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

**Cover Sheet & Drawing Index** 

SUI

(M681) G-001

#### RELEASED FOR CONSTRUCTION

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

May 13, 2025

PM

4/8/2025 1:35:41

MIDWEST HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

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Drawn By: Approved By: L24-050 M820, M821, M681, M682

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

Interior Floor Plan And **Equipment List** 

(M681) I-101

**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	Х		23	Toaster		Х	45	Water Heater	Х			
2	72" Entry Door	Х		24	Ticket Printer		Х	46	Mop Sink	Х			
3	36" Air Curtain	Х		25	Induction Heat Activator		Х	47	8' x 20' Walk-In Cooler	Х			
4	Flight Type Dish Machine	Х		26	Microwave		Х	48	8' x 20' Walk-In Freezer	Х			
5	Trench Drain	Х		27	3 Well Hot Food Table	Х		49	8' x 40' Walk-In Dry Storage	Х			
6	Floor Sink	Х		28	Heated Plate Dispenser	Х		50	Open Air Merchandiser	Х			
7	Hose Bib With 10' Hose And Nozzle Sprayer	Х		29	Fire Extinguisher - "ABC" Type	Х		51	Fountain Beverage Machine		Х		
8	Storage Rack - 48" x 24"		Х	30	Hot Holding Cabinet	Х		52	Cash Register		Х		
9	1 Compartment Sink	Х		31	Work Top Refrigerator	Х		53	Modular Cashier Unit	Х			
10	Not Used			32	Dual Stack Convection Steamer	Х		54	Hot Food Serving Counter - 3 Well	Х			
11	Garbage Disposal	Х		33	Fryer	Х		55	Hot Food Serving Counter - 2 Well	Х			
12	3 Compartment Sink	Х		34	Reach-In Freezer	Х		56	Cold Food Serving Counter - 3 Well	Х			
13	Ice Machine W/ Bin	Х		35	36" Griddle W/ Stand	Х		57	Cold Food Serving Counter - 2 Well	Х			
14	Electrical Panel	Х		36	48" Tilt Skillet	Х		58	Double Door Beverage Cooler		Х		
15	Reach-In Refrigerator	Х		37	36" 6-Burner Countertop Range W/ Stand	Х		59	Dining Table and Chairs		Х		
16	Hand Sink W/ Eye Wash Station	Х		38	Dual Stack Convection Oven	Х		60	Not Used				
17	Food Delivery Cart		Х	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	Х		61	Not Used				
18	Coffee Brewer		Х	40	Fire Suppression System	Х		62	HVAC Unit	Х			
19	Stainless Steel Work Table With Undershelf (30"X72")	Х		41	Stainless Steel Work Table With Undershelf (30"X60")	Х		63	Floor Sink, Covered & Sealed	Х			
20	Countertop Freezer		Х	42	Fire Extinguisher - "K" Type	Х		64	Wall Storage Cabinet	Х			
21	Airscreen Reach-In Refrigerator		Х	43	2 Compartment Sink	Х		65	Point of Use Water Heater	Х			

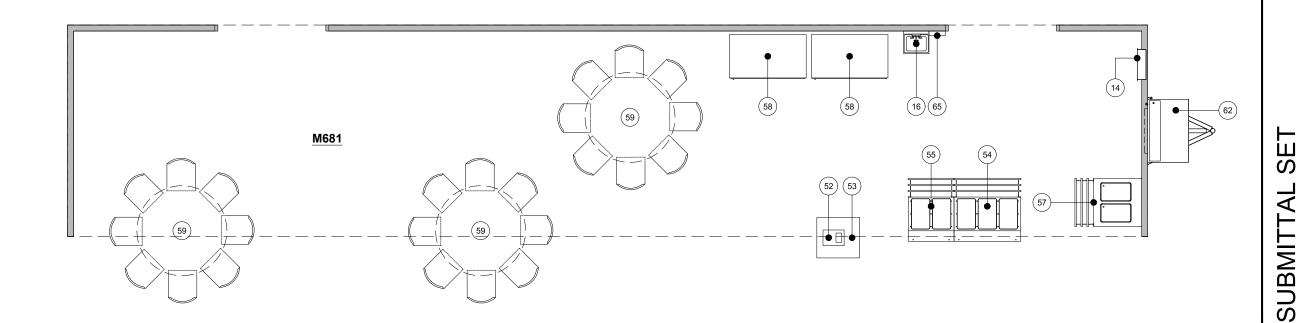
Booster Heater

Stainless Steel Work Table With Undershelf And Overshelf (30"X150")

**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025 **MANUFACTURED** HOUSING



#### 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
- 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:
  - 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
- 14. ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.
- 15. CIRCUITS #C10, C24, AND C6 TO BE CORD DROPS.
- 16. UDS CIRCUIT NUMBERS ARE USED AS A GUIDE ONLY TO LOCATE THE CIRCUITS AND TO CALCULATE THE ELECTRICAL LOAD FOR THE TWO UDS SECTIONS.
- 17. ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED
- 18. ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER
- 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) 出 EXT. SCENE LIGHT / ENTRY LIGHT  $\odot$ VAPOR PROOF LIGHT/HOOD LIGHT EMERGENCY EXIT LIGHT

 $\mathbb{P}$ 57 2 /25/202

630-355-1660 www.kitchenstogo.com GAYLORD

131 WEST JEFFERSON AVE.

SUITE 223

NAPERVILLE, IL. 60540

**RELEASED FOR CONSTRUCTION** 

APPROVED BY CLIENT

BY:

DATE:

**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025

**MANUFACTURED HOUSING** 

200 AMP

ELECTRICAL PANEL "C"

ster レ. t. IN 46516 ∘ouri Date May 13, 2025

M681

MIDWEST **HEALTH** 

**FDBY LEE'S SUMMIT MEDICAL CENTER** 

2100 SE Blue Pkwy Lee's Summit, MO 64063

120/208 VOLTS 3 PH C (13,15) C30

Per Deviation Repor ഗ REV. DATE DESCRIPTION DELTA 1 IREV

Drawn By Approved By NANAS

L24-050 M820, M821, M681, M682 11x17 SCALE: 3/8"=1'-0" 22x34 SCALE: 3/4"=1'-0"

> **Electrical Floor Plan** Schematic

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(M681) E-101

- 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.
- 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.
- 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.
- 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).
- 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.
- ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE 12GA THHN (THWN IN WET LOCATIONS)
- 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.
- 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
- 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).
- LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

		200 AMP						120/208V	OLTS	ICAL CENT	4 WIRE	60HZ				3PH	M681 - C		
AWG	COLOR	ITEM	TYPE	Р	AMPS	CIRC.		Ą	PHA		(	C	Р	AMPS	CIRC.	TYPE	ITEM	AWG	500
12	B	SPACE	K	1	20	1	0	800					1	20	2	L	LIGHTS	12	
2	R	5 WELL COLD FOOD TABLE	K	1	20	3			1020	0					4		SPACE	+	-
2	BL	57 BEVERAGE COOLER 1	K	1	20	5					1020	1500	1	20	6	K	3 WELL HOT FOOD TABLE	12	_
_	DL	58	K		20	9					1020	1300		20	0	K	54	1	_
	Н	SPACE				7	0	0							8		SPACE	╀	_
	Н	SPACE				9			0	400			1	20	10	K	CASH REGISTER	12	2
	Ш																52		
2	BL	RECEPT	R	1	20 GFI	11					1200	1200	1	20 GFI	12	R	RECEPT	12	2
4	В	HVAC 5T/15KW	Н	2	90	13	8840	600					1	20	14	CL	HEAT TAPE	12	2
		"		_	00	45			0040	0					40		SPACE	╀	_
4	R		Н	-	90	15			8840	0			$\vdash$		16		SPACE	╁	-
2	BL	BEVERAGE COOLER 2	K	1	20	17					1020	1200	1	20	18	R	RECEPT	12	2
	Н	58 SPACE	+	┢		19	0	0					$\vdash$	GFI	20		SPACE	╁	-
							Ů											t	_
	Н	SPACE	-	-		21			0	1200			1	20 GFI	22	R	SERVICE RECEPTACLE	12	2
		SPACE				23					0	996		GII	24	K	2 WELL HOT FOOD TABLE	12	2
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2	BL	WATER HEATER	K	1	20	29					1800	1200	1	20	30	R	RECEPT	12	2
	Ш		<u> </u>	<u> </u>		<u> </u>	8840	1400	9860	1600	5040	6096	┢	GFI				_	-
							10240 CONN.		11460 DEMAND		11136 DEMAND		]						
		TOTAL KITCHEN LOAD		=			VA 7756	Х	FACTOR 0.8		VA 6204.8			LOAD		PE KEY	EN LOAD		
		TOTAL LIGHTING LOAD		=			800	X	1.25		1000.0			L	=	LIGHT	ING LOAD		
		TOTAL NON-CONT. LOAD TOAL RECEPTACLE LOAD		=			6000	X	1		0.0 6000.0			NC R			CONTINUOS LOAD PTACLE LOAD		
		TOTAL CONTINUOS LOAD		=			600	X	1.25		750.0			CL	=	CONT	NUOS LOAD		
		TOTAL HVAC LOAD LARGEST MOTOR LOAD		=			17680 0	X	1 1.25		17680.0 0.0			H LM		HVAC	LOAD EST MOTOR LOAD		
		TOTAL MISC. LOAD		=			0	X	1		0.0			M		MISC.	201111010112010		
		TOTAL VA PANEL "A"		=			32836				31634.8								
		TOTAL VA		=			32836				31634.8								
		TOAL AMPS		=			91.1				87.8								
							TOTAL=	32836	VA										

**MISSOURI PUBLIC SERVICE COMMISSION** 

### **APPROVED**

06/12/2025

**MANUFACTURED HOUSING** 

RELEASED FOR **CONSTRUCTION** 

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

May 13, 2025

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/25/2025



### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy

Lee's Summit. MO 64063

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L24-050 M820, M821, M681, M682

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

**Electrical Panel Schedule(S)** 

BMIT

S

(M681) E-601

4. DUCT BOARD SHALL CONFORM TO THE LATEST VERSION OF SMACNA :42 FIBROUS GLASS DUCT CONSTRUCTION STANDARDS OR NAIMA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS. 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

THE DUCTWORK AND EQUIPMENT ARE SHOWN DIAGRAMMATIC. FIELD VERIFY

AND RECORD READINGS WHICH CORRESPOND TO THE DESIGN FLOW RATES AT EACH OUTLET. TEST AND BALANCE THE COMPLETE AIRSIDE SYSTEM IN

AIR FLOW SHALL BE BALANCED TO OBTAIN QUANTITIES SHOWN ON FLOOR PLANS. CAREFULLY ADJUST DAMPERS FOR ALL DUCTWORK AND AIR OUTLETS

T-BAR DIRECTIONAL VOLUME DIFFUSERS. FULL SIZE

SQUARE 2'x2' DIRECTIONAL T-BAR DIFFUSER, ROUND

SERIES PERFORATED T-BAR DIFFUSERS.

COLLAR, SEISMIC SUPPORT HANGERS, SHOEMAKER 105PD

5 TON 15KW HEATER 1860 CFM

10. MODULES MAY HAVE EXISTING DUCTWORK INSTALLED. IF DUCTWORK DIMENSIONS ARE THE SAME OR LARGER AS DUCTWORK SHOWN EXISTING

KEEP ALL OUTSIDE AIR INTAKES 10' FROM EXHAUST AIR VENTS PER CODE. INSULATE DUCT ABOVE CEILING WITH R-6 DUCT WRAP. MASTIC AND SEAL ALL

DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION.

ACCORDANCE WITH "SMACNA T.A.B." PROCEDURES.

DUCTWORK SHALL BE REUSED AND REMAIN IN PLACE. 11. AC UNIT OUTSIDE AIR DAMPER TO BE POSITIONED TO PROVIDE THE

AIR DUCT SHALL BE 7 FEET.

FLOWRATE SHOWN BELOW.

DESCRIPTION

CFM

10"Ø

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131 WEST JEFFERSON AVE.

SUITE 223

NAPERVILLE, IL. 60540

630-355-1660

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**RELEASED FOR** 

May 13, 2025

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

RANSOM

HEALTH

**FDBY LEE'S SUMMIT MEDICAL CENTER** 

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DATE DESCRIPTION

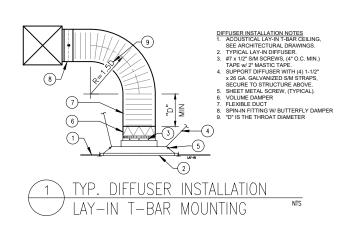
**IREV** DELTA -Drawn By Approved By:

NANAS L24-050 M820, M821, M681, M682

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

**HVAC Ducting Plan** 

(M681) M-101



06/12/2025 HOUSING

**MISSOURI PUBLIC SERVICE** COMMISSION

**MANUFACTURED** 20'-5 3/4" - 5'-4 3/4" — BARD# W60AFDA15XX4XXE

M681 10" x 12" 260 A 260 (A) CFM

50'-8"

- 28'-8"

— 4'-8" —

260 A

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131 WEST JEFFERSON AVE.

SUITE 223

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

MIDWEST HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy

Lee's Summit, MO 64063

REV. DATE DESCRIPTION DELTA -Drawn By

IREV Approved By

L24-050 M820, M821, M681, M682 11x17 SCALE: 3/8"=1'-0" 22x34 SCALE: 3/4"=1'-0"

Fresh Water Plumbing Schematic

(M681) P-601

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.

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.

NOTES:

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.

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.

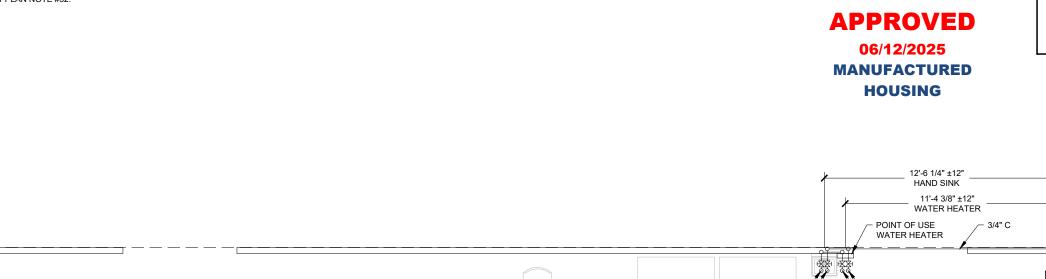
14. WRAP ALL HOT & COLD PIPING THAT RUNS UNDER THE FLOOR WITH PIPE INSULATION.

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** 

**MISSOURI PUBLIC SERVICE COMMISSION** 



M681

DESCRIPTION

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:42

/8/2025

May 13, 2025

HOT WATER LINE

90° ELBOW

QUICK DISCONNECT

VACUUM BREAKER

POINT OF CONNECTION

BOILER DRAIN VALVE

PRESSURE RELIEF VALVE

BY KTG BY OTHERS

10>1-(R)-(X)-

WATER FILTRATION SYSTEM

REDUCER

HOSE BIBB

CHECK VALVE

SYM

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

1:35:42 4/8/2025

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May 13, 2025

**HEALTH** 

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

ഗ REV. DESCRIPTION **IREV** ₹

Approved By

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

**Waste Water Plumbing** Schematic

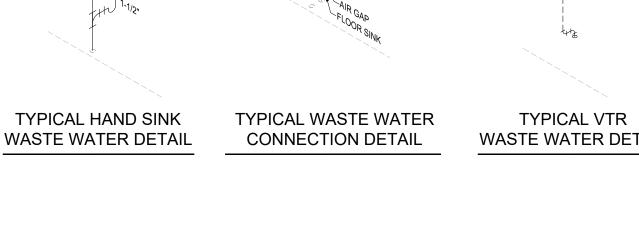
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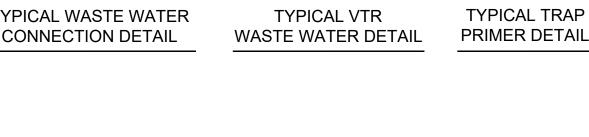
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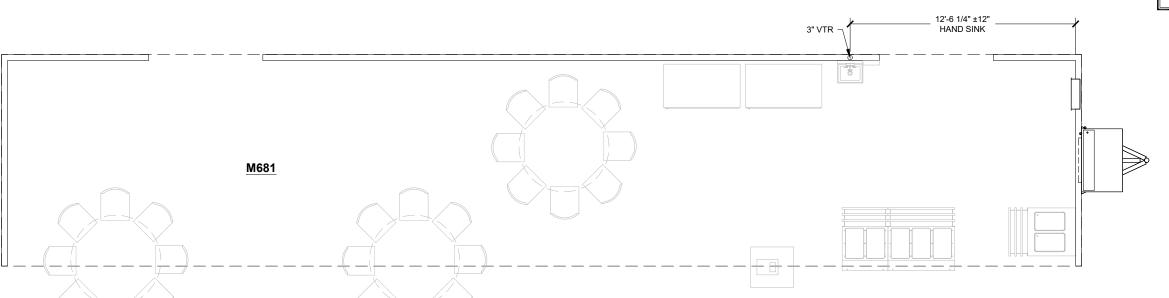
(M681) P-602

### WASTE WATER PLUMBING NOTES:

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT PLUMBING CODES AND REGULATIONS.
- ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES, SKIN, CURBS, ETC
- ALL LINES SHALL BE ADEQUATELY SUPPORTED WITHGALV. STL 2 HOLE STRAPS AT
- 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
- SEWER LINES FROM FLOOR SINKS SHALL ALL BE SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED.
- FLOOR SINKS SHALL BE MOUNTED FLUSH WITH FINISHED FLOOR.
- EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY KITCHENS TO GO BY MOBILE MODULAR.
- 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
- HVAC & MUA CONDENSATION LINES SHALL BE PVC OR OTHER APPROVED MATERIALS. HVAC & MUA CONDENSATION LINES TO BE CONNECTED TO CLOSEST
- 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.







**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025 **MANUFACTURED HOUSING** 

# LEE'S SUMMIT MEDICAL CENTER SERVERY UNIT - M682

		DRAWIN	G 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			

MISSOURI
PUBLIC SERVICE
COMMISSION

**APPROVED** 

06/12/2025
MANUFACTURED
HOUSING

RELEASED FOR CONSTRUCTION

As Noted on Plans Review

Classific Street Carm Lee's Symmy Missouri 07/29/2025

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THE DESIGN AND DETAILS DISCLOSED HEREIN ARE THE EXCLUSIVE PROPERTY OF HITCHENS TO GO BY MOBILE MODULAR, AND SHALL NOT BE COPIED OR REPRODUCE IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF KITCHENS TO GO BY MOBILE MODULAR.



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

T.R ARNOLD & ASSOCIATES,
470 Chester Drive
Elkl art, IN 46516
State(s) Missouri
Accredited & Evaluation and
Inspetion Agency
This document is cellified as being in conform
with 5tile Building codes.
Date May 13, 2025
Approval of this document does not authorize or a
any omission or del ation from the requirement
appliedes bette Laws.

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4/8/2025



### FDBY LEE'S SUMMIT MEDICAL CENTER

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2100 SE Blue Pkwy Lee's Summit. MO 64063

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22x34 SCALE: N/A

Cover Sheet & Drawing Index

M820, M821, M681, M682

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L24-050

(M682) G-001

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May 13, 2025

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MIDWEST HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV.	DATE	DES	CRIPTION	NAI
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Drawn By: Approved By: L24-050 M820, M821, M681, M682

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

Interior Floor Plan And **Equipment List** 

(M682) I-101

					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	Х		23	Toaster		Х	45	Water Heater	Х	
2	72" Entry Door	X		24	Ticket Printer		Х	46	Mop Sink	Х	
3	36" Air Curtain	Х		25	Induction Heat Activator		Х	47	8' x 20' Walk-In Cooler	Х	
4	Flight Type Dish Machine	X		26	Microwave		Х	48	8' x 20' Walk-In Freezer	Х	
5	Trench Drain	Х		27	3 Well Hot Food Table	Х		49	8' x 40' Walk-In Dry Storage	Х	
6	Floor Sink	X		28	Heated Plate Dispenser	Х		50	Open Air Merchandiser	Х	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	Х		51	Fountain Beverage Machine		Х
8	Storage Rack - 48" x 24"		Х	30	Hot Holding Cabinet	Х		52	Cash Register		Х
9	1 Compartment Sink	X		31	Work Top Refrigerator	Х		53	Modular Cashier Unit	Х	
10	Not Used			32	Dual Stack Convection Steamer	Х		54	Hot Food Serving Counter - 3 Well	Х	
11	Garbage Disposal	X		33	Fryer	Х		55	Hot Food Serving Counter - 2 Well	Х	
12	3 Compartment Sink	Х		34	Reach-In Freezer	Х		56	Cold Food Serving Counter - 3 Well	Х	
13	Ice Machine W/ Bin	X		35	36" Griddle W/ Stand	Х		57	Cold Food Serving Counter - 2 Well	Х	
14	Electrical Panel	Х		36	48" Tilt Skillet	Х		58	Double Door Beverage Cooler		Х
15	Reach-In Refrigerator	X		37	36" 6-Burner Countertop Range W/ Stand	Х		59	Dining Table and Chairs		Х
16	Hand Sink W/ Eye Wash Station	Х		38	Dual Stack Convection Oven	Х		60	Not Used		
17	Food Delivery Cart		Х	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	Х		61	Not Used		
18	Coffee Brewer		x	40	Fire Suppression System	X		62	HVAC Unit	X	

Stainless Steel Work Table With Undershelf (30"X60")

Fire Extinguisher - "K" Type

Booster Heater

43

44

Stainless Steel Work Table With Undershelf (30"X72")

Stainless Steel Work Table With Undershelf And Overshelf (30"X150")

**MISSOURI PUBLIC SERVICE COMMISSION** 

63

Floor Sink, Covered & Sealed

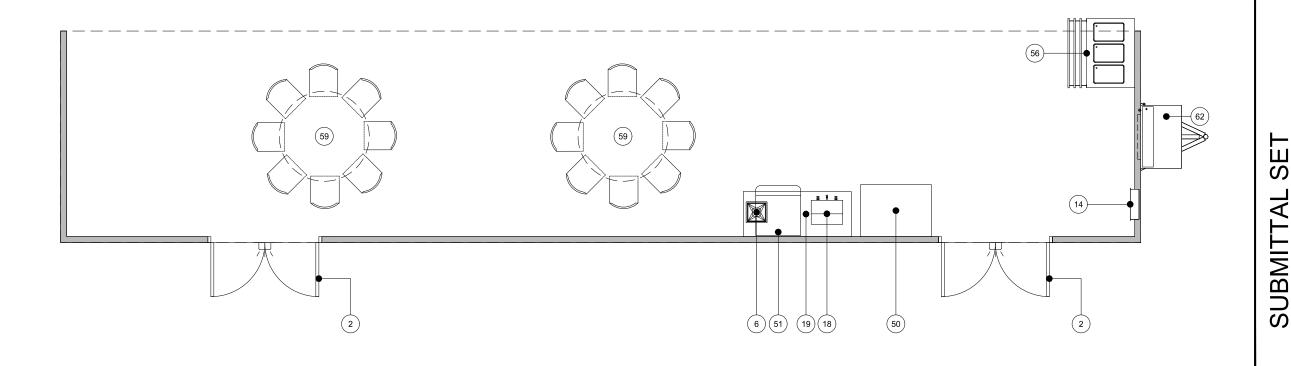
Point of Use Water Heater

Wall Storage Cabinet

**APPROVED** 

06/12/2025 **MANUFACTURED** 

**HOUSING** 



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May 13, 2025

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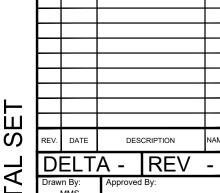


**FDBY LEE'S SUMMIT MEDICAL CENTER** 

MIDWEST

HEALTH

2100 SE Blue Pkwy Lee's Summit, MO 64063



NANAS L24-050 M820, M821, M681, M682

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

**Electrical Floor Plan** Schematic

S

(M682) E-101

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

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.

NOTES:

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:

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

14. ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.

15 NOT USED

16. UDS CIRCUIT NUMBERS ARE USED AS A GUIDE ONLY TO LOCATE THE CIRCUITS AND TO CALCULATE THE ELECTRICAL LOAD FOR THE TWO UDS SECTIONS.

17. ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED

18. ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER

MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.
 PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.

**MISSOURI PUBLIC SERVICE COMMISSION** 

ELECTRICAL SYMBOL LEGEND

24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS

4' - LED LIGHT FIXTURE

**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

208V OUTLET - FLUSH MOUNTED

SWITCH - FLUSH MOUNTED

SWITCH - SURFACE MOUNTED

3-WAY SWITCH - FLUSH MOUNTED

DENOTES CIRCUIT NUMBER (#8)

EXT. SCENE LIGHT / ENTRY LIGHT

EMERGENCY EXIT LIGHT

VAPOR PROOF LIGHT/HOOD LIGHT

3-WAY SWITCH - SURFACE MOUNTED

EXHAUST FAN

208V OUTLET - SURFACE MOUNTED

FOURPLEX OUTLET - SURFACE MOUNTED

HARDWIRE CONNECTION - FLUSH MOUNTED

HARDWIRE CONNECTION - SURFACE MOUNTED

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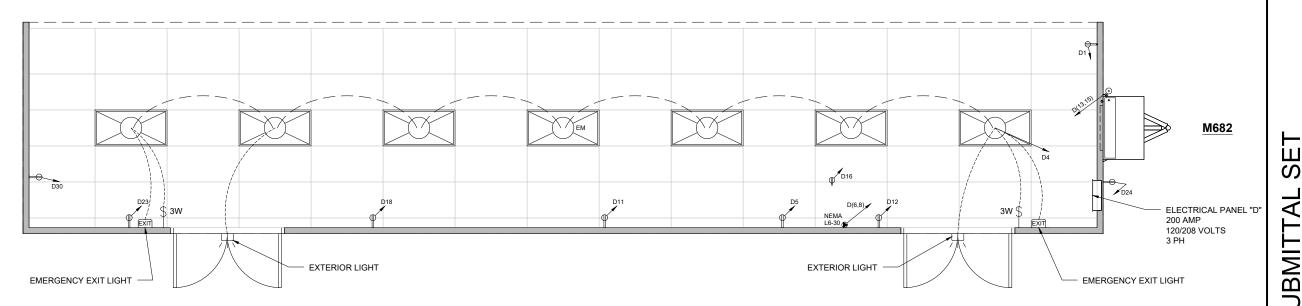
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### **APPROVED**

06/12/2025

**MANUFACTURED HOUSING** 



- 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.
- 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.
- 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.
- 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).
- 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.
- ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE 12GA THHN (THWN IN WET LOCATIONS)
- 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.
- 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
- 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).
- LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

		200 AMP						120/208V	J <b>MMIT MEDI</b> O DLTS	UAL CENTI	4 WIRE	60HZ				3PH	M682 - D		
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**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025

**MANUFACTURED** HOUSING

RELEASED FOR **CONSTRUCTION** 

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

Date May 13, 2025

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/25/2025



### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy

Lee's Summit. MO 64063

04-25-25 Per Deviation Repor ഗ REV. DATE DESCRIPTION DELTA 1 IREV <

Drawn By:

MANAS L24-050 M820, M821, M681, M682

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

**Electrical Panel Schedule(S)** 

BMIT

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(M682) E-601

131 WEST JEFFERSON AVE.

SUITE 223

NAPERVILLE, IL. 60540

630-355-1660 www.kitchenstogo.com

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May 13, 2025

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

HEALTH

**FDBY LEE'S SUMMIT** MEDICAL CENTER

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DATE DESCRIPTION

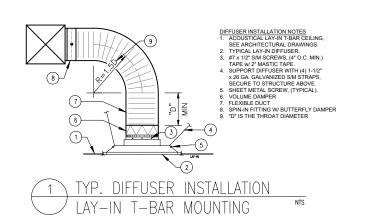
**I**REV Drawn By Approved By

NANAS L24-050 M820, M821, M681, M682

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

**HVAC Ducting Plan** 

(M682) M-101



**COMMISSION** 

THERMOSTAT TO BE LOCATED 48" A.F.F.

GLASS DUCT CONSTRUCTION STANDARDS.

SMACNA HVAC DUCT CONSTRUCTION STANDARDS.

SHEET STEEL OR DUCT BOARD.

AIR DUCT SHALL BE 7 FEET.

FLOWRATE SHOWN BELOW.

DESCRIPTION

MARK

LOW PRESSURE DUCTWORK SHALL BE CONSTRUCTED OF ZINC COATED

4. DUCT BOARD SHALL CONFORM TO THE LATEST VERSION OF SMACNA

ZINC COATED SHEET STEEL SHALL CONFORM TO THE LATEST VERSION OF

FIBROUS GLASS DUCT CONSTRUCTION STANDARDS OR NAIMA FIBROUS

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

KEEP ALL OUTSIDE AIR INTAKES 10' FROM EXHAUST AIR VENTS PER CODE. INSULATE DUCT ABOVE CEILING WITH R-6 DUCT WRAP. MASTIC AND SEAL ALL

AIR FLOW SHALL BE BALANCED TO OBTAIN QUANTITIES SHOWN ON FLOOR PLANS. CAREFULLY ADJUST DAMPERS FOR ALL DUCTWORK AND AIR OUTLETS

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.

10. MODULES MAY HAVE EXISTING DUCTWORK INSTALLED. IF DUCTWORK DIMENSIONS ARE THE SAME OR LARGER AS DUCTWORK SHOWN EXISTING

DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION.

ACCORDANCE WITH "SMACNA T.A.B." PROCEDURES.

DUCTWORK SHALL BE REUSED AND REMAIN IN PLACE. 11. AC UNIT OUTSIDE AIR DAMPER TO BE POSITIONED TO PROVIDE THE

THE DUCTWORK AND EQUIPMENT ARE SHOWN DIAGRAMMATIC. FIELD VERIFY

AND RECORD READINGS WHICH CORRESPOND TO THE DESIGN FLOW RATES AT EACH OUTLET. TEST AND BALANCE THE COMPLETE AIRSIDE SYSTEM IN

**MISSOURI PUBLIC SERVICE APPROVED** 

06/12/2025 **MANUFACTURED HOUSING** 

20'-5 3/4" BARD# W60AFDA15XX4XXE 5 TON 15KW HEATER (T) 1860 CFM M682 10" x 12" ∠60 A 260 A 260 (A) CFM CFM 10"Ø 16'-8" — **—** 28'-8"

50'-8"

### **RELEASED FOR CONSTRUCTION**

### 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.
- ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU METAL PLATES,
- PRESSURE TEST WATER LINES (90-100 PSI) FOR LEAKS PRIOR TO EQUIPMENT FINAL CONNECTIONS.
- 6. FOR STORAGE: DRAIN WATER LINES.
- 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.
- 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



TYPICAL FRESH WATER **CONNECTION DETAIL** 

DESCRIPTION HOT WATER LINE COLD WATER LINE ❖ 90° ELBOW FLEX HOSE ASSEMBLY (S.S. BRAIDED MPT x FPT SWIVEL QUICK DISCONNECT VACUUM BREAKER REDUCER CHECK VALVE POINT OF CONNECTION WATER FILTRATION SYSTEM HOSE BIBB BOILER DRAIN VALVE PRESSURE RELIEF VALVE

BY KTG

BY OTHERS

**MISSOURI** 

**PUBLIC SERVICE** 

COMMISSION

**APPROVED** 

06/12/2025 **MANUFACTURED HOUSING** 

:05 131 WEST JEFFERSON AVE. SUITE 223 NAPERVILLE, IL. 60540 630-355-1660 www.kitchenstogo.com /8/2025

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May 13, 2025

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

# HEALTH

**FDBY LEE'S SUMMIT MEDICAL CENTER** 

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DATE DESCRIPTION **IREV** Approved By:

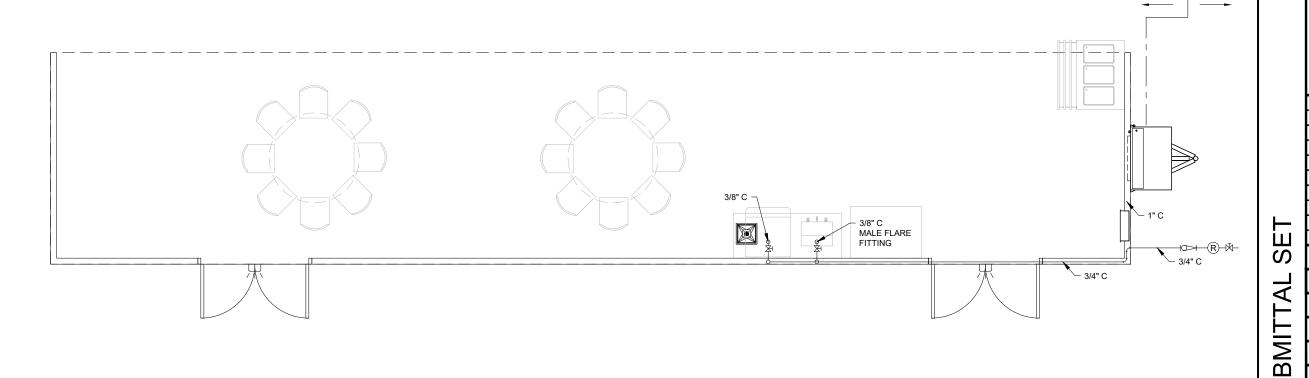
L24-050 M820, M821, M681, M682

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

Fresh Water Plumbing Schematic

SUI

(M682) P-601



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

May 13, 2025

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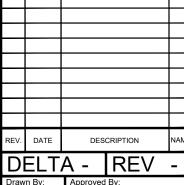
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4/8/2025



**MEDICAL CENTER** 

2100 SE Blue Pkwy Lee's Summit, MO 64063



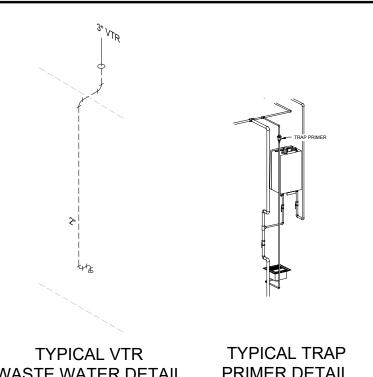
Drawn By: Approved By:

MMS L24-050 M820, M821, M681, M682

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

**Waste Water Plumbing** Schematic

(M682) P-602



WASTE WATER DETAIL

TYPICAL HAND SINK

WASTE WATER DETAIL

TYPICAL WASTE WATER

**CONNECTION DETAIL** 

PRIMER DETAIL

**MISSOURI PUBLIC SERVICE** COMMISSION

NOTES:

ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH

SHALL BE MADE INSIDE THE STRUCTURE A MINIMUM OF

ALL PLUMBING LINES SHALL BE OF SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE

SEWER LINES FROM FLOOR SINKS SHALL ALL BE

SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV

FLOOR SINKS SHALL BE MOUNTED WITH EPOXY FLOOR RUN OVER THE EDGE AND DOWN TO THE BOTTOM OF

ALL VENTS SHALL TERMINATE 18" MIN. ABOVE ROOF FINISH LINE UNLESS OTHERWISE SPECIFIED. 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. CLEAN OUTS ARE TO BE READILY ACCESSIBLE

FOR STORAGE, BLOW OUT WITH COMPRESSED AIR ALL

ADD MIXING VALVE TO DISHWASHER AND CONVECTION

ALL PLUMBING CONNECTIONS UNDER THE FLOOR TO BE DONE BY G.C. CONNECTIONS UNDER THE FLOOR SHOWN AS A SUGGESTED LAYOUT ONLY.

STEAMER TO REDUCE TEMPERATURE OF WATER

GALV. STL 2 HOLE STRAPS AT 3' O.C. MAX. TERMINATION VENT SHALL BE MINIMUM 2 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT

18 INCHES BELOW THE ROOF.

UNLESS OTHERWISE SPECIFIED.

APPROVED DRAIN LINE.

ABOVE GRADE (TYP)

COMING OUT OF THE DRAIN PIPE.

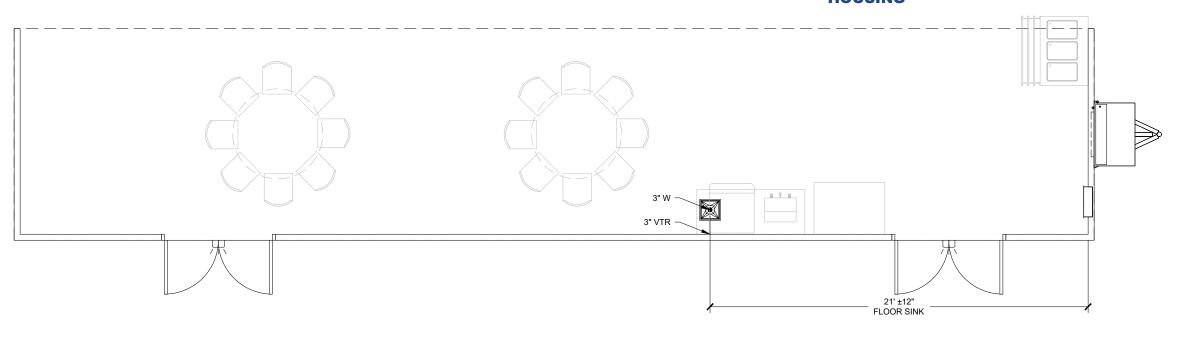
WATER LINES.

THE VERTICALEDGE OF THE FLOOR SINK. EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR EXCEPT WHERE NOTED.
WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A

**APPROVED** 

06/12/2025

**MANUFACTURED HOUSING** 



## LEE'S SUMMIT MEDICAL CENTER WASH UNIT - M820

		DRAWI	NG 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			

**MISSOURI PUBLIC SERVICE** COMMISSION

**APPROVED** 

06/12/2025 **MANUFACTURED HOUSING** 

RELEASED FOR **CONSTRUCTION** 

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



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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4/8/2025



### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

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/	Draw	n By: MMS	Approved	Ву:	

M820, M821, M681, M682

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

**Cover Sheet & Drawing Index** 

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(M820) G-001

### RELEASED FOR **CONSTRUCTION**

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

GAYLORD RANSOM

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

Date May 13, 2025

**MISSOURI PUBLIC SERVICE** 



### **FDBY LEE'S SUMMIT** MEDICAL CENTER

2100 SE Blue Pkwy Lee's Summit, MO 64063

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Approved By: L24-050 M820, M821, M681, M682

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

Interior Floor Plan And **Equipment List** 

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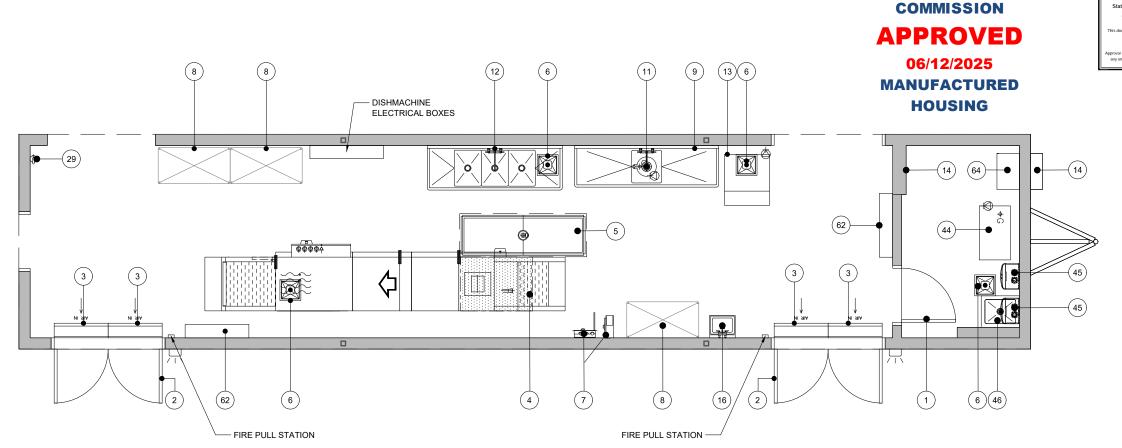
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(M820) I-101





### **RELEASED FOR CONSTRUCTION**

131 WEST JEFFERSON AVE. SUITE 223 NAPERVILLE, IL. 60540

GAYLORD

630-355-1660

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May 13, 2025

**MIDWEST HEALTH** 

**FDBY LEE'S SUMMIT MEDICAL CENTER** 

2100 SE Blue Pkwy

Lee's Summit. MO 64063

Per Deviation Repor ഗ REV. DATE DESCRIPTION DELTA 1 IREV <

Drawn By

Approved By NANAS L24-050 M820, M821, M681, M682

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

**Schematic** 

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(M820) E-101

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

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

NOTES:

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:

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

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

17. MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.

18. PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.

**MISSOURI PUBLIC SERVICE COMMISSION** 

ELECTRICAL SYMBOL LEGEND

24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS

4' - LED LIGHT FIXTURE

**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

208V OUTLET - FLUSH MOUNTED

SWITCH - FLUSH MOUNTED

SWITCH - SURFACE MOUNTED

3-WAY SWITCH - FLUSH MOUNTED

DENOTES CIRCUIT NUMBER (#8)

EXT. SCENE LIGHT / ENTRY LIGHT

EMERGENCY EXIT LIGHT

VAPOR PROOF LIGHT/HOOD LIGHT

3-WAY SWITCH - SURFACE MOUNTED

EXHAUST FAN

208V OUTLET - SURFACE MOUNTED

FOURPLEX OUTLET - SURFACE MOUNTED

HARDWIRE CONNECTION - FLUSH MOUNTED

HARDWIRE CONNECTION - SURFACE MOUNTED

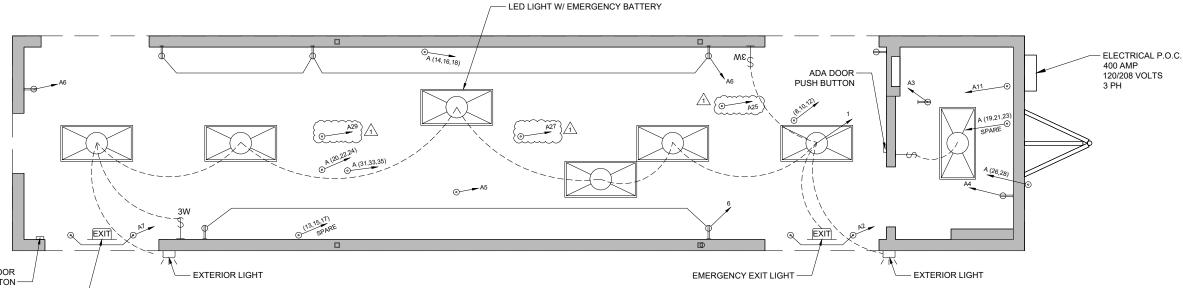
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### **APPROVED**

06/12/2025

**MANUFACTURED HOUSING** 



ADA DOOR PUSH BUTTON-

EMERGENCY EXIT LIGHT

- 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.

		400 AMP						LEE \$	UMMIT MED LTS	ICAL CEN	4 WIRE	60HZ				3PH	M820 - A		
									PHA	ASE									_
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12	R	INTERIOR & EXT. LTS HEAT TAPE RECEPT	CL	1	20	3			600	200			1	GFI 20	4	K	INST. WTR. HTR. GAS	12	2
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2	R	SPARE	K	1	20	9			600	5163			-	50	10	Н	II II	8	1
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8	R		K	-	45	15			0	839			-	20	16	K		12	2
8	BL	II .	K		45	17					0	839	1	20	18		"	12	I
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	TOTAL KITCHEN LOAD = TOTAL LIGHTING LOAD = TOTAL NON-CONT. LOAD = TOAL RECEPTACLE LOAD = TOTAL CONTINUOS LOAD = TOTAL HVAC LOAD = LARGEST MOTOR LOAD = TOTAL MISC. LOAD =						85692 672 0 2400 600 15489 0	X X X X X X	0.8 1.25 1 1 1.25 1 1.25		68553.6 840.0 0.0 2400.0 750.0 15489.0 0.0 10456.0			L NC R CL H	= = = = =	NON-C RECE CONT HVAC	HEN LOAD INIG LOAD CONTINUOS LOAD PTACLE LOAD INIOOS LOAD ELOAD EST MOTOR LOAD		
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		TOTAL VA		=			115309				98488.6								
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							TOTAL=	111469	VA										
							1 =	309.4	AMDS										

MISSOURI
PUBLIC SERVICE
COMMISSION

### **APPROVED**

06/12/2025

MANUFACTURED HOUSING

RELEASED FOR CONSTRUCTION

TCHENS TO GO:

KITCHENSSTORGO are Lee's Symbolic Missouri 07/29/2025
We Keep You Cooking!"

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

THE DESIGN AND DETAILS DISCLOSED HEREIN ARE THE EXCLUSIVE PROPERTY OF KITCHENS TO GO BY MOBILE MODULAR, AND SHALL NOT BE COPIED OR REPRODUCE IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF KITCHENS TO GO BY MOBILE MODULAR.

© KITCHENS TO GO BY MOBILE MODULAR.

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WITHOUTURAL SHEETS
LY REVIEWED FOR
REPORT AND AND
REPORT AND
REPORT

T.R ARNOLD & ASSOCIATES,
470: Chester Drive
Elklart, IN 46516
Missouri
Accredited Evaluation and
Inspection Agency
This document is celled as being in conform
with Sule Building Codes.
Date
May 13, 2025
Approved of this document does not authorize or a

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/25/2025



### FDBY LEE'S SUMMIT MEDICAL CENTER

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2100 SE Blue Pkwy Lee's Summit. MO 64063

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DELT/	4 1	REV
Drawn By:	Approved	By:
MMS	-	
QUOTE NUMBER	UNIT NUME	IER
L24-050	M820, M8	321, M681, M682

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

Electrical Panel Schedule(S)

Shoot

BMIT

S

(M820) E-601

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

www.kitchenstogo.com

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

May 13, 2025

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1:44:50

4/8/2025



### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

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L24-050 M820, M821, M681, M682

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

**HVAC Ducting Plan** 

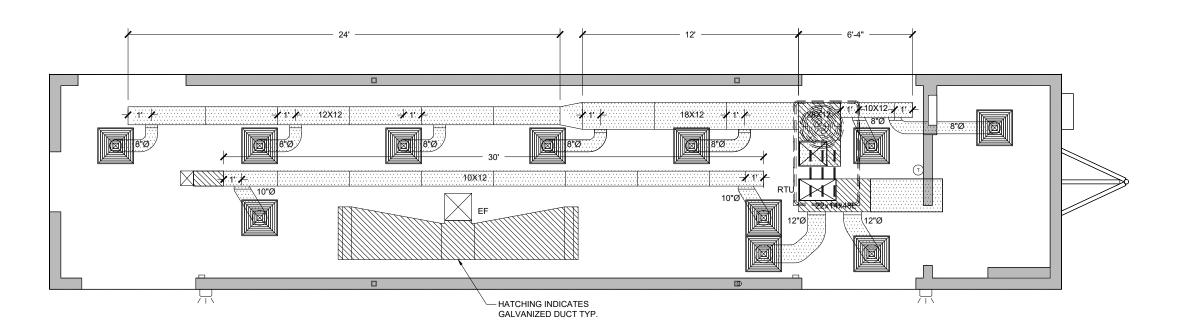
SUBMIT

(M820) M-101



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

NOTES:



**MISSOURI PUBLIC SERVICE COMMISSION** 

### **APPROVED**

06/12/2025 **MANUFACTURED** 

HOUSING

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1:44:50

4/8/2025

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

May 13, 2025 HEALTH

> **FDBY LEE'S SUMMIT MEDICAL CENTER**

> > 2100 SE Blue Pkwy

Lee's Summit, MO 64063



Drawn By: Approved By

MMS L24-050 M820, M821, M681, M682

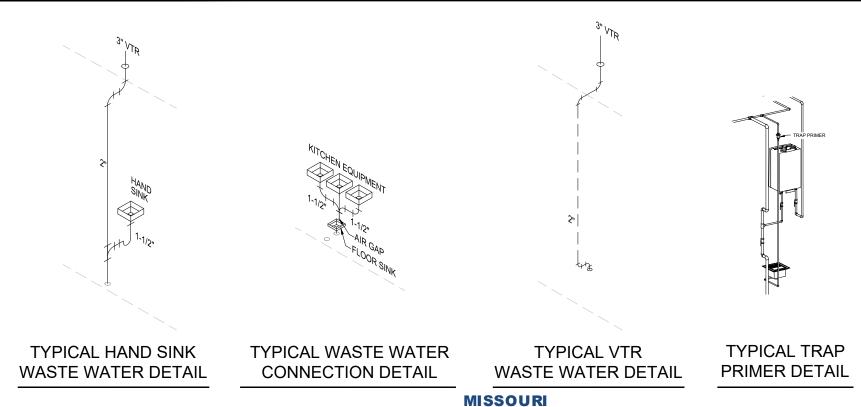
11x17 SCALE: 3/16"=1'-0" 22x34 SCALE: 3/8"=1'-0"

**Waste Water Plumbing** Schematic

**BMIT** 

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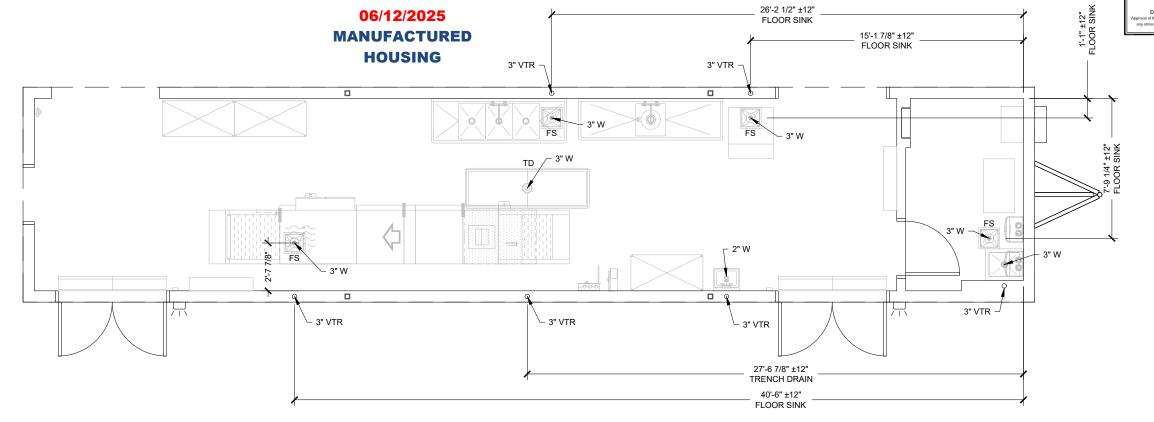
(M820) P-602



**PUBLIC SERVICE** 

**COMMISSION** 

### **APPROVED**



NOTES:

12.

ALL LINES SHALL BE ADEQUATELY SUPPORTED WITH

SHALL BE MADE INSIDE THE STRUCTURE A MINIMUM OF

ALL PLUMBING LINES SHALL BE OF SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV UNLESS OTHERWISE

SEWER LINES FROM FLOOR SINKS SHALL ALL BE

SCHEDULE 40 PVC DWV OR SCHEDULE 40 ABS DWV

FLOOR SINKS SHALL BE MOUNTED WITH EPOXY FLOOR RUN OVER THE EDGE AND DOWN TO THE BOTTOM OF THE VERTICALEDGE OF THE FLOOR SINK.
EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY CARLIN MANUFACTURING. PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO BOTTOM OF THE FLOOR

WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A APPROVED DRAIN LINE. ALL VENTS SHALL TERMINATE 18" MIN. ABOVE ROOF FINISH LINE UNLESS OTHERWISE SPECIFIED. 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.

CLEAN OUTS ARE TO BE READILY ACCESSIBLE ABOVE GRADE (TYP)
FOR STORAGE, BLOW OUT WITH COMPRESSED AIR ALL

STEAMER TO REDUCE TEMPERATURE OF WATER

DONE BY G.C. CONNECTIONS UNDER THE FLOOR SHOWN AS A SUGGESTED LAYOUT ONLY.

COMING OUT OF THE DRAIN PIPE.

ADD MIXING VALVE TO DISHWASHER AND CONVECTION

ALL PLUMBING CONNECTIONS UNDER THE FLOOR TO BE

GALV. STL 2 HOLE STRAPS AT 3' O.C. MAX. TERMINATION VENT SHALL BE MINIMUM 2 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT

18 INCHES BELOW THE ROOF.

UNLESS OTHERWISE SPECIFIED.

EXCEPT WHERE NOTED.

WATER LINES.

SPECIFIED.

### RELEASED FOR **CONSTRUCTION** $\overline{\mathsf{P}}$ :44:51 131 WEST JEFFERSON AVE. SUITE 223 NAPERVILLE, IL. 60540 630-355-1660 www.kitchenstogo.com /8/2025 RANSOM MCGRATH RENTCORP. DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30 ETNA GREEN, IN 46524 MIDWEST May 13, 2025 HEALTH **FDBY LEE'S SUMMIT MEDICAL CENTER** 2100 SE Blue Pkwy Lee's Summit, MO 64063 S REV. DATE DESCRIPTION **I**REV DELTA -< Drawn By: Approved By: MMS BMIT L24-050 M820, M821, M681, M682 11x17 SCALE: 3/16"=1'-0" 22x34 SCALE: 3/8"=1'-0" **Gas Plumbing Schematic** SUI

TYPICAL GAS CONNECTION **DETAIL** 

**MISSOURI** 

**PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025

**MANUFACTURED** 

**HOUSING** 

SYM DESCRIPTION VALVE, GAS 90° ELBOW REGULATOR FLEX TUBING ASSEMBLY MECHANICAL VALVE PILOT BYPASS VALVE SOLENOID VALVE POINT OF CONNECTION  $\Theta$ PENETRATION REDUCER

BY KTG , BY OTHERS

Date

(M820) P-603

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. 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

GAS LINES SHALL BE IN BLACK STEEL PIPE,

SCHEDULE 40, UNLESS OTHERWISE SPECIFIED.

ELECTRICAL VALVE TO BE CONNECTED TO EMERGENCY

A GAS LINE PRESSURE TEST TO BE COMPLETED PRIOR

LABELING: THE GAS PIPING SYSTEM SHALL BE LABELED:

GAS LINES SHALL BE SUPPORTED WITH PIPE

SHUT OFF AND FIRE SUPPRESSION SYSTEM.

STRAPS.

TO UNIT OCCUPANCY.

RTU 150,000 BTU/HR (On Roof)

## LEE'S SUMMIT MEDICAL CENTER COOK UNIT - M821

	DRAWING INDEX													
SHEET NO.	SHEET CREATED	DESCRIPTION		REV. NUMBER	REV. DATE	REV. NOTE								
(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												

MISSOURI
PUBLIC SERVICE
COMMISSION

### **APPROVED**

06/12/2025 MANUFACTURED HOUSING RELEASED FOR CONSTRUCTION

As Noted on Plans Review

Classin Stree GCarm Lee's Symmy, Missouri 07/29/2025

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

T.R ARNOLD & ASSOCIATES, N
470 | Chester Drive
Elkl art, IN 46516
Missouri
Accredited Evaluation and
Inspection Agency
This document is cellified as being in conform on
with Sube Building Codes.
Date May 13, 2025
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4/8/2025



### FDBY LEE'S SUMMIT MEDICAL CENTER

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2100 SE Blue Pkwy Lee's Summit, MO 64063

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S	REV.	DATE	DES	CRIPTION	NAME
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17		n By: MMS	Approved	I By:	
		E NUMBER -050	UNIT NUME	BER 821, M681, M68	32

11x17 SCALE: N/A 22x34 SCALE: N/A Cover Sheet & Drawing Index

Shoot

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(M821) G-001

GAYLORD RANSOM

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

Date May 13, 2025

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1:40:38

4/8/2025



### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV.	DATE	DES	CRIPTION	NAM
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Drawn By Approved By: L24-050 M820, M821, M681, M682

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

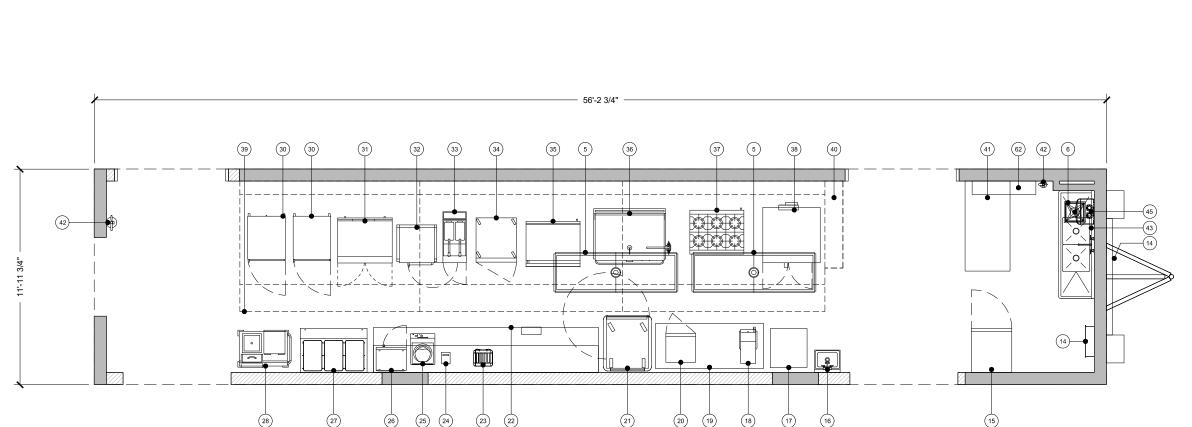
Interior Floor Plan And **Equipment List** 

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**BMIT** 

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(M821) I-101



**EQUIPMENT SCHEDULE:** CS = CLIENT SUPPLIED EQUIPMENT DESCRIPTION

KTG

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cs

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ITEM NO.

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Water Heater

Cash Register

8' x 20' Walk-In Cooler

8' x 20' Walk-In Freezer

Open Air Merchandiser

Modular Cashier Unit

8' x 40' Walk-In Dry Storage

Fountain Beverage Machine

Hot Food Serving Counter - 3 Well

Hot Food Serving Counter - 2 Well

Cold Food Serving Counter - 3 Well

Cold Food Serving Counter - 2 Well

Double Door Beverage Cooler

Floor Sink, Covered & Sealed

Dining Table and Chairs

Wall Storage Cabinet

Not Used

Not Used

HVAC Unit

Mop Sink

ITEM NO.

10

13

16

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22

36" Interior Door

72" Entry Door

36" Air Curtain

Trench Drain

Floor Sink

Not Used

Garbage Disposal

3 Compartment Sink

Ice Machine W/ Bin

Reach-In Refrigerator

Food Delivery Cart

Countertop Freezer

Coffee Brewer

Hand Sink W/ Eye Wash Station

Airscreen Reach-In Refrigerator

Stainless Steel Work Table With Undershelf (30"X72")

Stainless Steel Work Table With Undershelf And Overshelf (30"X150")

Flight Type Dish Machine

Storage Rack - 48" x 24"

Hose Bib With 10' Hose And Nozzle Sprayer

DESCRIPTION

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ITEM NO.

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Toaster

Ticket Printer

Microwave

Fryer

Induction Heat Activator

3 Well Hot Food Table

Heated Plate Dispense

Hot Holding Cabinet

Work Top Refrigerato

Reach-In Freezer

48" Tilt Skillet

Booster Heater

36" Griddle W/ Stand

Dual Stack Convection Oven

Fire Extinguisher - "K" Type

Fire Suppression System

Fire Extinguisher - "ABC" Type

Dual Stack Convection Steamer

36" 6-Burner Countertop Range W/ Stand

Stainless Steel Exhaust Hood - Type 1 (Grease)

Stainless Steel Work Table With Undershelf (30"X60")

**MISSOURI PUBLIC SERVICE COMMISSION** 

DESCRIPTION

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### **APPROVED**

06/12/2025

**MANUFACTURED** HOUSING

- 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
- 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:
  - 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
- 14. ALL ESSENTIAL ELECTRICAL SYSTEMS AND EMERGENCY SYSTEMS SHALL BE INSTALLED BY OTHERS.
- 15. CIRCUITS #B2, B(18,20), B(22,24), B26, B28, B30, B32, B(34,36,38) TO BE CORD DROPS
- 16. UDS CIRCUIT NUMBERS ARE USED AS A GUIDE ONLY TO LOCATE THE CIRCUITS AND TO CALCULATE THE ELECTRICAL LOAD FOR THE TWO UDS SECTIONS.
- 17. ALL EXIT & EMERGENCY WALL PACK LTS. TO BE CONNECTED TO NEAREST UNSWITCHED
- 18. ALL 15 & 20 AMP RATED RECEPTACLES IN KITCHEN SPACE SHALL BE GFI PROTECTED PER
- MOTOR RATED SWITCH DISCONNECT FOR WATER HEATER.
   PROVIDE SUITABLE DISCONNECT SWITCH FOR AIR CURTAIN IF NOT FACTORY INSTALLED.
- 21. 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) 出 EXT. SCENE LIGHT / ENTRY LIGHT  $\odot$ VAPOR PROOF LIGHT/HOOD LIGHT EMERGENCY EXIT LIGHT

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

GAYLORD

**RELEASED FOR CONSTRUCTION** 

APPROVED BY CLIENT

BY:

DATE:

**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025 **MANUFACTURED** 

HOUSING

May 13, 2025



**FDBY LEE'S SUMMIT MEDICAL CENTER** 

2100 SE Blue Pkwy Lee's Summit. MO 64063

Per Deviation Repor REV. DATE DESCRIPTION DELTA 1 IREV

Drawn By Approved By NANAS L24-050 M820, M821, M681, M682

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

**Electrical Floor Plan** Schematic

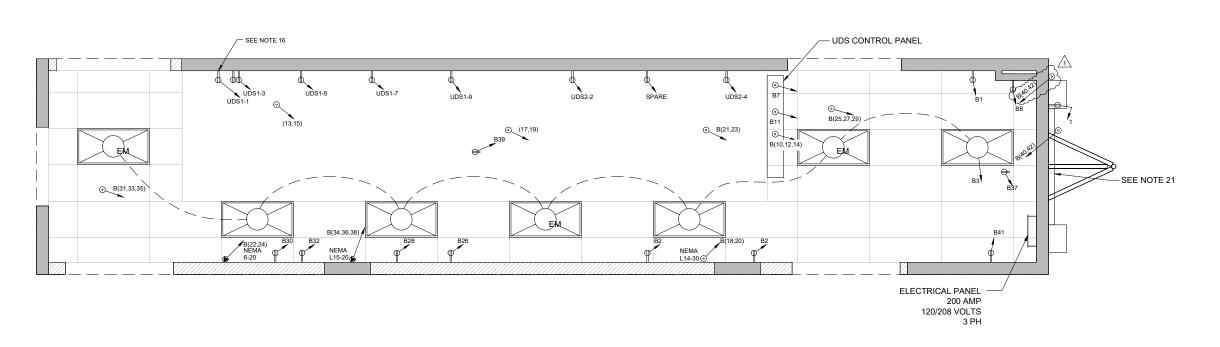
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(M821) E-101



- 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.
- 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.
- 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.
- 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).
- 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.
- ALL CONDUCTORS SHALL BE COPPER. MIN. SIZE 12GA THHN (THWN IN WET LOCATIONS)
- 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.
- 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
- 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).
- LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR FINAL ELECTRICAL CONNECTIONS TO ROOF TOP OR OTHER EQUIPMENT EXPOSED TO THE ENVIRONMENT.

	DOO AME			LEE SUMMIT MEDICAL CENTER 120/208VOLTS 4 WIRE 60HZ								3РН	AM004 D				
	200 AMP															M821 - B	_
<u> </u>		0.111	1	w				PHA		1		H	(0		0.111		(1)
COLOR	ITEM	LOAD	Р	AMPS	CIRC	1	A	E	3	9	:	P	AMPS	CIRC	LOAD	ITEM	AWG
В	RECEPTS	R	1	20	1	1200	876					1	20	2	K		12
R	LIGHTS	L	1	20	3			800	0			2	20	4	K	20 & 21 SPARE	12
			Ė		Ĭ			555				Ĺ					
BL	SPARE	K	1	20	5					0	0	-	20	6	K	SPARE	12
В	HOOD CONTROLS	K	1	20	7	400	200					1	20	8		WATER HEATER	12
				GFI									GFI			45	_
R	SPARE	R	1	20 GFI	_			1200	2356	+		3	50	10	K	UDS SYSTEM	8
BL	HOOD CONTROLS	K	1	20	11					400	3580	-	50	12	K	н	8
В	EXHAUST FAN #1	CL	2	GFI 20		1173	444			-		H	50	14	K	и	8
			_														
R		CL	-	20	15			1173	1173			1	20	16	R	QUAD	12
BL	EXHAUST FAN #2	CL	2	20	17					1173	1325	2	30	18	K	COFFEE BREWER	10
В	и	01		20	10	4470	4005					Ŀ	20	20	2	18	40
В	<del>m</del>	CL	-	20	19	1173	1325					-	30	20	K	m m	10
R	EXHAUST FAN #3	CL	2	20	21			1173	1600			2	20	22	K		12
BL		CL	=	20	23					1173	1600	-	20	24	K	28	12
В	MUA 1	CL	3	40	25	2294	1800					1	20	26	K	TOASTER 23	12
R	M.	CL	-	40	27			2294	400			1	20	28	K	TICKET PRINTER	12
BL	w	CL	-	40	29					2294	1500	1	20	30	K	24 3 WELL HOT FOOD TABLE	12
			~							LLU	1000	Ė		-		27	
В	MUA 2	CL	3	20	31	1021	2000			+ -		1	GFI	32	K	MICROWAVE 26	12
R	и	CL	-	20	33			1021	1801			3	20	34	K	INDUCTION HEAT ACTIVATOR	12
BL	й	CL	-	20	35					1021	1801	-	20	36	K	25 "	12
	UEATTA DE A				07	4000	4700						- 00	00	14	8	40
В	HEAT TAPE 1	NC	1	20 GFI	_	1200	1700					-	20	38	K		12
R	HEAT TAPE 2	NC	1	20				1200	2080			2	25	40	M		10
BL	REACH IN REFRIGERATOR	К	1	GFI 20	-					264	2080	-	25	42	M	62	10
	15					0.404	00.45	0004	0.440	CODE	44,000						_
						8461 16806	8345	8861 18271	9410	6325 18211	11886	1					
						CONN. VA		DEMAND FACTOR		DEMAND VA							
	TOTAL KITCHEN LOAD		=			25372	Х	0.65		16491.8			K	=		HEN LOAD	
	FOTAL LIGHTING LOAD FOTAL NON-CONT. LOAD		=			800 2400	X	1.25		1000.0 2400.0						TING LOAD CONTINUOS LOAD	
	TOAL RECEPTACLE LOAD		=			3573	X	1		3573.0			R	=	RECE	PTACLE LOAD	
	FOTAL CONTINUOS LOAD FOTAL HVAC LOAD		=			16983	X	1.25		21228.8 0.0			H	=	HVAC	TINUOS LOAD CLOAD	
	LARGEST MOTOR LOAD FOTAL MISC. LOAD		=			0 4160	X	1.25		0.0 4160.0					LARG MISC.	EST MOTOR LOAD	
	TOTAL VA SECTION "A"		=			53288				48853.6							
	FOTAL VA		=			53288				48853.6							
	TOTAL AMPS		=			147.9				135.6							
						TOTAL=	48853.6	VA									
						1=	135.6	ANDC									
																	_

**MISSOURI PUBLIC SERVICE COMMISSION** 

### **APPROVED**

06/12/2025

**MANUFACTURED** HOUSING

RELEASED FOR **CONSTRUCTION** 

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

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/25/2025

T.R ARNOLD & ASSOCIATES. May 13, 2025



### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit. MO 64063

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0	REV.	DATE	DES	CRIPTION	NA
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Drawn By: Approved By: MANAS

L24-050 M820, M821, M681, M682 11x17 SCALE: N/A 22x34 SCALE: N/A

**Electrical Panel Schedule(S)** 

BMIT

S

(M821) E-601

		MB21-UDS 1 SECTION EQUIPMENT BELOW						120/208V 400 AMP	EE SUMMIT I OLTS	MEDICAL (	4 WIRE	60HZ				3PH	M821-UDS 2 SECTION FOULPMENT BELOW		
		EGOT WEST DELOT				- 5			PHA	SE							Edon MEN DELON		
90.00	20104	ITEM	LOAD	Р	AMPS	CIRC		A	E	3	c	:	P	AMPS	CIRC	LOAD	ITEM	AWG	80100
2 1	В	HOT HOLDING CABINET 1	K	1	20	1	1900	216					1	20	2	K	40 GAL SKILLET	12	E
		30										0					36		I
2 1	R	HOT HOLDING CABINET 2	K	1	20	3			1900	1440			1	20	4	K	DUAL STACK CONVECTION OVEN	12	F
		30															38		
E	3L	WORKTOP REFRIGERATOR	K	1	20	5					444	0							
1	_	31												_	_	_		$\perp$	┺
2 1	B D	UAL STACK CONVECTION STEAMER	K	1	20	7	240	0			-			_	_	_		$\perp$	-
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2 1	R	REACH IN FREEZER	K	1	20	9	_		240	0			-	_	-	├		+	$\vdash$
+	+	34	$\vdash$	$\vdash$	_				_		-		-	-	⊢	⊢		+	╀
+	+		$\vdash$	$\vdash$	_	-					0	0	$\vdash$		$\vdash$	-		+	+
_	_		_				2140	216	2140	1440	444	0	-	_	_			_	_
							CONN		DEMAND		DEMAND								
	TOT TOT TOT TOT LAF	TAL KITCHEN LOAD TAL LIGHTING LOAD TAL LIGHTING LOAD AL RECEPTACLE LOAD TAL CONTINUIS LOAD TAL HAVAC LOAD RGEST MOTOR LOAD TAL HVAC LOAD TAL HVAC LOAD TAL HVAC LOAD					VA 6380 0 0 0 0 0 0 0 0	X X X X X	0.65 1.25 1 1 1.25 1 1.25 1 1.25		VA 4147.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4147.0			K L NC R CL H		NON- RECE CONT HVAC	Y: IEN LOAD ING LOAD COMINIOS LOAD PTACE LOAD INJOS LOAD LOAD LOAD LOAD LOAD		
	TOT TOT TOT LAF	TAL LIGHTING LOAD TAL NON-CONT. LOAD AL RECEPTACLE LOAD TAL CONTINUOS LOAD TAL HYAC LOAD RGEST MOTOR LOAD TAL VA SECTION "A"					6380 0 0 0 0 0 0 0 0 6380	X X X	0.65 1.25 1 1 1.25		4147.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4147.0			K L NC R CL H		KITCH LIGHT NON- RECE CONT HVAC	IEN LOAD INDO ADD CONTINUOS LOAD PTACLE LOAD INUOS LOAD LOAD		
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	TOT TOT TOT LAF	TAL LIGHTING LOAD TAL NON-CONT. LOAD AL RECEPTACLE LOAD TAL CONTINUOS LOAD TAL HYAC LOAD RGEST MOTOR LOAD TAL VA SECTION "A"					6380 0 0 0 0 0 0 0 0 6380	X X X	0.65 1.25 1 1 1.25 1 1.25 1		4147.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4147.0			K L NC R CL H		KITCH LIGHT NON- RECE CONT HVAC	IEN LOAD INDO ADD CONTINUOS LOAD PTACLE LOAD INUOS LOAD LOAD		

		200 AMP						120/208VOI	E SUMMIT I	WEDICAL C	4 WIRE	60HZ				3PH	MB21-MUA COND. UNITS			Ž
	_	2.004/8/8	-	_	_	_			PHA	SE	_		_	_			/			4/8/2025 1:40:40 PM
ANNG	90100	TEM	LIDAD	F	AMPS	CIRC		A		В			Р	AMPS	CIRC	LOAD	ITEM	AWG	80700	4.
10	E	B MB21-MUA 1 COND UNIT 1	M	3	30	1	2570	2570					3	30	2	M	M821-MUA 1 COND UNIT 3	10	В	1 6
10	F	R *	M	1	30	3			2570	2570				30	4	M	(*)	10	R	1
10	Е	а -	M	1	30	5				4	2570	2570		30	6	М	/#	10	BL.	Ŋ
10	E	B M621-MUA 1 COND UNIT 2	M	3	30	7	2570	2570					3	30	8	М	M921-MUA 1 COND UNIT 4	10	BL.	02
10	F	R *	M	+.	30	9			2570	2570				30	10	M		10	R	12
10	B		М	Ŧ.	30	11					2570	2570		30	12	M	*	10	BL.	1 %
	-			Ŧ	-	13	0	2570			2014	2010	2	30		-7/11/17/15	M821-MUA 1 COND UNIT 5	10		1
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	t			$\pm$		15			0	2570	-		-	30	16	M	*	10	R	
	2		+	-		17	( <u> </u>				0	2570		30	18	M		10	BL.	
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							5140 12850	7710	5140 12850	7710	5140 12850	7710	1							
							CONN. VA		DEMAND FACTOR		DEMAND VA									
		TOTAL KITCHEN LOAD		=			0	х	1		0.0			K	=		EN LOAD	T.		D & ASSOCIAT
		TOTAL LIGHTING LOAD TOTAL NON-CONT. LOAD		=	5		0	X	1		0.0			NC	=	NON-	ING LOAD CONTINUOS LOAD		-   -	703 Chester Driv Ikkart, IN 46516
		TOAL RECEPTACLE LOAD TOTAL CONTINUOS LOAD		=			0	X	1		0.0			CL	=	CONT	PTACLE LOAD INUOS LOAD		State(s) _ Accre	Missouri dited Evaluation a
		TOTAL HVAC LOAD LARGEST MOTOR LOAD		=			0	X	1		0.0			LM.	=	LARG	LOAD EST MOTOR LOAD	,	his document	spection Agency is cetified as being in c
		TOTAL MISC. LOAD		=			38550	Х	1		38550.0			M	=	MISC.			wit Date	State Building Codes.
		TOTAL VA SECTION "A"		=			38550				38550.0							Ap	proval of this d	ocument does not authori r devation from the requi pplicable State Laws.
		TOTAL VA		=			38550				38550.0									
		TOTAL AMPS		=			107.0				107.0									
							TOTAL=	38550.0	VA	l										
							1=	107.0	AMPS	1										

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 CONMTACTS IN ANSUL CAB. COORD. EXACT TERMINATION REQUIREMENT WITH ANSUL INSTALLATION & SHOP DWG'S

MISSOURI
PUBLIC SERVICE
COMMISSION

### **APPROVED**

06/12/2025 MANUFACTURED HOUSING SUBMITTAL SE

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

RELEASED FOR CONSTRUCTION

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Y STANDARD

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



### FDBY LEE'S SUMMIT MEDICAL CENTER

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2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DATE DESCRIPTION NAME

DELTA - REV -

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

Electrical Panel Schedule(S)

Shoot

(M821) E-602

KITCHENS:TQ.GQ

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

GAYLORD RANSOM NUMBER

MCGRATH RENTCORP. DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30

ETNA GREEN, IN 46524

rt, IN 46516 Missouri valuation an May 13, 2025

 $\sum$ (/) SUMMIT, Cook LEE'S

DATE: DWG.#: DRAWN BY: BDN-81

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

SHEET NO. REFERENCE JOB 2516893

 $\overline{\mathsf{P}}$ 1:40: /8/2025

REVISIONS
DESCRIPTION DATE: 

miiij

TYPICAL ANSUL R102 SYSTEM LAYOUT WITH REMOTE MOUNTED AUTOMAN

**MISSOURI** 

**PUBLIC SERVICE** 

**COMMISSION** 

**APPROVED** 

06/12/2025

**MANUFACTURED** HOUSING

All Hoods, Exhaust Fans, Tempered/Untempered Make-Up Air Units and Electrical Package to be Start-ed Up and Commissioned by Factory Field Service Technician. Start-Up Report to be Sent to Engineer by Manufacturer When Complete.

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MIDWEST HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

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	Draw	n By:	Approved	By:	

L24-050 M820, M821, M681, M682

22x34 SCALE: N/A

Makeup Air Specifications

(M821) M-501

HOOD INFORMATION UTILITY CABINET(S)
FIRE SYSTEM ELECTRICAL SWITCHES LENGTH CDDKING TOTAL RISER(S)

LENGTH CDDKING TOTAL RISER(S)

EXHAUST PLENUM
RISER(S)

RISER(S)

EXHAUST PLENUM
RISER(S)

RISER(S)

EXHAUST PLENUM
RISER(S)

RISER(S)

EXHAUST PLENUM
RISER(S) TOTAL SUPPLY CONSTRUCTION END TO ROW QTY. HEIGHT LENGTH EFFICIENCY @ 9 QTY 16\* 2450 -0.873\* 2075 YES 737 LBS LEFT ALDNE Captrate Solo Filter L55 Series E26 100% 8 20" 16" 93% See Filter Spec. 4 304 SS 100% YES 761 LBS Captrate Solo Filter L55 Series E26 8 20' 16' 93% See Filter Spec. 4 Contrate Solo Filter L55 Series E26 YES 761 LBS 304 SS

7950 CFM

6775 CFM 1175 CFM

O CFM

ND-2-PSP-F HOOD OPTIONS HODD TAG UPTION

BACK STANDOFF (FLAT) 9' Wide 120' Long BACK STANDDFF (FLAT) 9' Wide 120' Long
INSULATION FOR TOP DF HODD
INSULATION FOR BACK OF HODD
LEFT VERTICAL END PANEL 27' Top Width, 21'
Bottom Width, 80' High Insulated 4' Legs 304 SS
BACK STANDDFF (FLAT) 9' Wide 135' Long
INSULATION FOR TOP DF HODD
INSULATION FOR TOP DF HODD INSULATION FOR BACK OF HOOD

BACK STANDOFF (FLAT) 9' Wide 135' Long INSULATION FOR BACK OF HOOD

PERFORATED SUPPLY PLENUM(S)

EXHAUST FAN INFORMATION - Job#2516893

NCA16FA NCA16FA

FAN UNIT MODEL #

MUA FAN INFORMATION - Job#2516893
FAN UNIT TAG FAN UNIT MODEL # BLOWER

HOOD INFORMATION - Job#2516893

MODEL

	HDDD					, ,				RISER	(2)	
	ND.	TAG	PDS.	LENGTH	WIDTH	HEIGHT	TYPE	WIDTH	LENG.	DIA.	CFM	S.P.
							MUA	12"	24"		691	0.211*
	1		Front	120"	18"	6"	MUA	12"	24"		691	0.211"
							MUA	12"	24"		691	0.211"
							MUA	12'	24"		783	0.267*
	2		Front	135"	18"	6"	MUA	12"	24"		783	0.267*
.							MUA	12"	24"		783	0.267*
·	3						MUA	12"	24"		783	0.267*
			Front	135"	18"	6"	MUA	12"	24"		783	0.267*
							MUA	12'	24"		783	0.267*

TOTAL DUCT AREA DUCT LENGTH=

DUCT DEPTH

EASE-STOP SOLO FILTER IS ETIL LISTED LINDER FLE NUMBER 3064494—001
ID COMPLES WITH UL1046 STANDARD, NSF STANDARD #2, NFPA 96 AND INC

CALCULATIONS UTILIZED

Grease-Stop Solo Filter

2º Captrate Grease-Stop Solo Filter

Filter Detail

CAPTRATE

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)

SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED

APTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

NFPA\* B.O.C.A. #93-16 I.OB.O. 34416 SBCCI PST & ESI NO. 93137 E.T.L. LISTED 3054804-001

ETL IS LISTED TO ULC STANDARD



Intertel BUILDING CODES

/2 Pint Grease Cup Detail



ROD AND NUTS TO BE SUPPLIED BY INSTALLING CON-ND-2 HANGING ANGLE DETAIL

HANGING ANGLES WILL BE LOCATED

2.25" 2.25"

2.25" 2.25" 2.25" 2.25" 2.25" 2.25"

HANGING ANGLE LOCATIONS

YES 213310 196245 75 deg F 7 in. w.c. - 14 in. w.c. MECHANICAL AIR BALANCE YES 478859 440550 75 deg F 7 in. w.c. - 14 in. w.c. Natural FAN OPTIONS TOTAL HOOD EXHAUST UNIT TAG OPTION (Qty. - Descr.) HOOD MUA VIA PSP DEDICATED MUA VIA DIFFUSER

CFM ESP. RPM H.P. B.H.P. Ø VOLT FLA VEIGHT (LBS.) SDNES
2450 1.000 1011 1.000 0.8030 1 230 7.0 163 11.6

2750 1.250 1131 1.500 1.1090 1 230 10.2 169 13.8

G15-PB A2-D.250 2450 0.650 999 3.000 1.7220 3 230 8.5 88.0\*F G18-PB A3-D.500 5500 0.650 1104 7.500 5.6140 3 230 19.1 88.0°F

2750 1.250 1086 1.500 0.9830 1 230 10.2

CONDENSER TONNAGE VOLTAGE PHASE FREQUENCY MCA

	ND.		
II NUT NELOW	1		1 - Grease Box
			1 - Extra Set of Belts
			1 - Fan Base Ceramic Seal - For Grease Ducts
	2		1 - Grease Box
			1 - Extra Set of Belts
			1 - Fan Base Ceramic Seal - For Grease Ducts
	3		1 - Grease Box
			1 - Extra Set of Belts
			1 - Fan Base Ceramic Seal - For Grease Ducts
	4		1 - Motorized Backdraft Damper for A2-D Housing
			1 - Inlet Pressure Gauge, 0-35"
			1 - Manifold Pressure Gauge, -5 to 15' wc
			1 - Full Crating For Commercial Heater
			1 - 10 Ton 2 Circuit (5/5) Modular Packaged AC Cooling Option for Size 2 MUA (1500 to 3000 cfn), 208V/230V, 3 phase. Cooling Thermostat or Programmable Stat Required for Proper Operation.
			1 - Double Wall Steel Liner - Size 2 Unit
			1 - Extra Set of Belts
		.	1 - Size 2 Direct Fired Heater Low CFM Profile Package. Used on Heaters under 2500 cfm.
ᠬ			1 - Size 2 RTU Convenience Dutlet (GFCI), 15 amp - Power Supply by Others

Control panel enclosure heater. Recomended for winter design temperature is than O'F.
 Commercial Smoke Detector/Alarm Interlock (Supplied by Dthers)

s man ur. Commercial Smoke Detector/Alarm Interlock (Supplied by Dithers) Mixing Box for Size 2 Modular Supply Fans - 365 Day Stat Contro Freezestat (10') with Low Temp Indicator on Thermostat

supply fan.

1 - MERV 8 filter option for Size 2 Mixing Box. Mixing Box must be selected for this option.

1 - Low Fire Start				
1 - Inlet Pressure Gauge, 0-35°				
1 - Manifold Pressure Gauge, -5 to 15' wc				
1 - Full Crating For Commercial Heater				
1 - Motorized Backdraft Damper for A3-D Housing				
1 - Cooling Thermostat and Relay (Not req for evap)				
1 - Condenser Support for Size 3, 15 Ton Mod Package Unit				
1 - Extra Set of Belts				
1 – 15 Ton 3 Circuit (5/5/5) Modular Packaged AC Cooling Option for Size 3 MUA (2250 to 4800 cfm), 208V, 3 phase. Cooling Thernostat or Programmable Stat Required for Proper Operation.				
1 - Double Wall Steel Liner - Size 3 Unit				
1 - Freezestat (10)				
1 - MPU3-15-AC Moisture Eliminator Option - allows cooling coil face velocity to increase to 650 fpm. Increases cooling coil max cfm to 5650 cfm.				
1 - Size 2 PTII Convenience Butlet (GECT) 15 cmp - Power Supply by Bthone				

RLA MAX. FUSE MIN. WIRE SIZE

BLOWER HOUSING CFM ESP. RPM H.P. B.H.P. Ø VOLT FLA ENTERING DB ENTERING VB LEAVING DB LEAVING VB TOTAL SENSIBLE LATENT CAPACITY CAPACITY CAPACITY CAPACITY

REMAINDER FROM HVAC

		1 - Inlet Pressure Gauge, U-35*
5		1 - Manifold Pressure Gauge, -5 to 15' wc
		1 - Full Crating For Commercial Heater
		1 - Motorized Backdraft Damper for A3-D Housing
		1 - Cooling Thermostat and Relay (Not req for evap)
		1 - Condenser Support for Size 3, 15 Ton Mod Package Unit
		1 - Extra Set of Belts
		1 - 15 Ton 3 Circuit (5/5/5) Modular Packaged AC Cooling Option for Size 3 MUA (2250 to 4800 cfm), 20BV, 3 phase. Cooling Thermostat or Programmable Stat Required for Proper Operation.
		1 - Double Wall Steel Liner - Size 3 Unit
		1 - Freezestat (10)
		1 - MPU3-15-AC Moisture Eliminator Option - allows cooling coil face velocity to increase to 650 fpm. Increases cooling coil max cfm to 5650 cfm.
		1 - Size 2 RTU Convenience Dutlet (GFCI), 15 amp - Power Supply by Others
		1 - Commercial Smoke Detector/Alarm Interlock (Supplied by Others)
		1 - Control panel enclosure heater. Recomended for winter design temperature less than 0°F.

GAYLORD RANSOM NUMBER

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

May 13, 2025

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4/8/2025

REVISIONS

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 $\sum_{i=1}^{n}$ 

(/)#821 SUMMIT,

DATE:

DRAWN BY: BDN-81

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

Specification

SHEET NO.

2 of 8

Cook LEE'S

MIDWEST HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

S REV. DATE DESCRIPTION DELTA -₹ Drawn By:

**IREV** Approved By: MMS

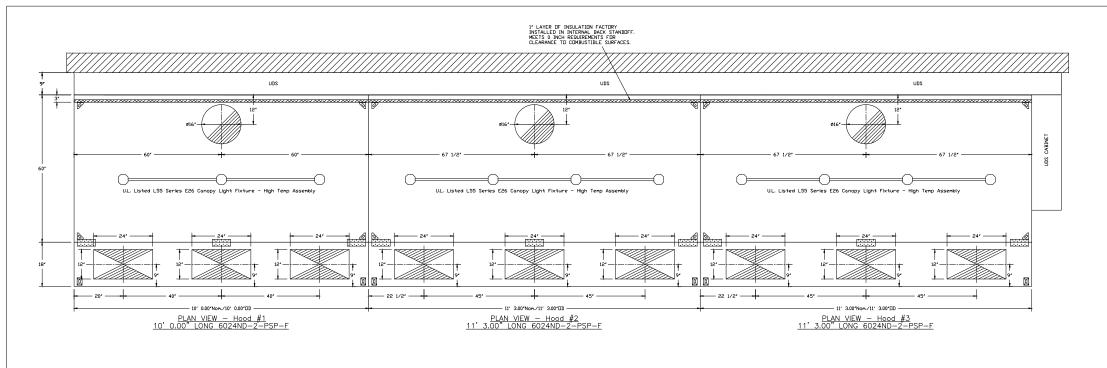
> L24-050 M820, M821, M681, M682 11x17 SCALE: N/A 22x34 SCALE: N/A

> > **Exhaust Hood Plan & Specifications**

BMIT

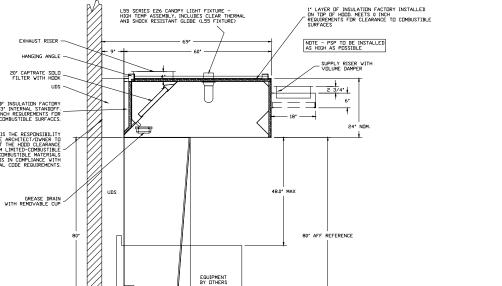
SUI

(M821) M-502



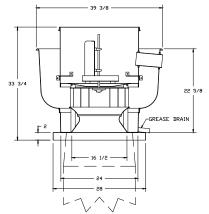
Duct Temperature Sensor to be Factory Installed Into Hood Exhaust Collars. To be Field Wired to Electrical Control Panel (by others).

LEFT VERTICAL END PANEL WITH ADJUSTABLE LEGS



<u>SECTION VIEW - MODEL 6024ND-2-PSP-F</u> <u>HOOD - #1, #2, & #3</u>

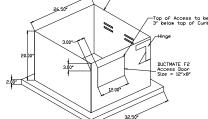
### FANS #1, #2, #3 - NCA16FA EXHAUST FAN



FEATURES:

- RODF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- ANCA SOUND AND AIR CERTIFIED
- VIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPRODE DISCONNECT

HIGH HEAT OPERATION 300°F (149°C)
GREASE CLASSIFICATION TESTING



**MISSOURI** 

**PUBLIC SERVICE** 

**COMMISSION** 

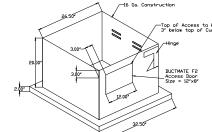
**APPROVED** 

06/12/2025 **MANUFACTURED** 

HOUSING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST DERRATE CONTINUOUSLY
WHILE EXHAUSTING AIR AT 300°F (149°C)
UNTIL ALL FAN PARTS HAVE REACHED
THERMAL EQUILIBRIUM, AND WITHOUT ANY
DETERIBRATING EFFECTS TO THE FAN VHICH
WOLLD CAUSE UNGAFE DEPRATIEN.

GREASE BOX
EXTRA SET OF BELTS
FAN BASE CERAMIC SEAL - FOR GREASE DUCTS



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

 $\mathbf{P}_{\mathbf{M}}$ 

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4/8/2025

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DATE:

Cook N

SHEET NO.

HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DESCRIPTION DELTA -REV

Drawn By: Approved By:

L24-050 M820, M821, M681, M682

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

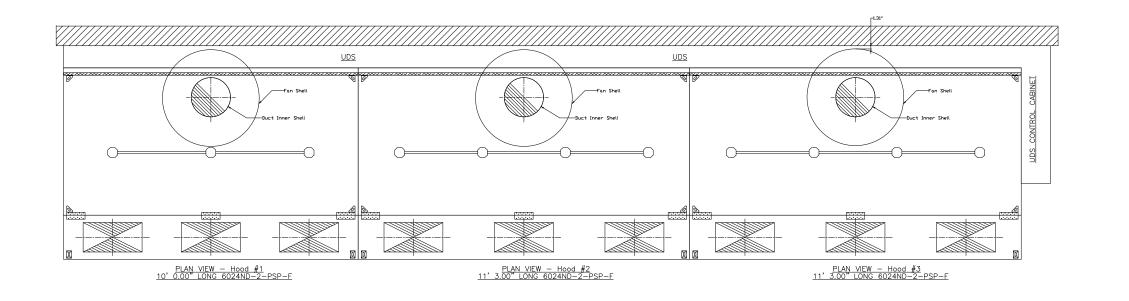
**Exhaust Hood Plan & Specifications** 

S

A

**SUBMIT** 

(M821) M-503



**MISSOURI PUBLIC SERVICE** COMMISSION

### **APPROVED**

**MANUFACTURED** 

HOUSING

**DWG.#:** 2516893 06/12/2025 DRAWN BDN-81 Specification

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1:41:08

4/8/2025

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Component Identification Laket Bescription Legation CF-S Crout Streeter (Surp.) (3)

**B B 7** NH-E Rodukting angilitier CSD NT-E Supply notion CSD NT-E Supply notion (CSD D.-E Supply notion overload (CSD)

71 4 TH 181 181 181

SV-61 Rain deconnect seltch G2 SV-63 Barger and lieft seltch (4) SV-64 61 Am Sotary Seconnectio-16 SV-65 63 Am Rotary Seconnectio-16 SV-65 Deerflay Seltch B-S feer transferencessfulli B-S feer transferencessium St B-S feer transferencessfulli B-S feer transferencessfulli B-S cond transferencessfulli III frame of the same to the 13-65 Backerge for Errors (20)
13-65 Cooling Personalist (1962)
13-61 Cooling Personalist (1962)
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VIRE COLOR

BK - BLACK YV - YELLOV
BL - BLUE GR - GREEN
BR - BROWN GY - GRAY
DR - DRANSE PR - PURPLE
RG - RED PK - PINK
VH - VHITE

BR 32 VIII 

SDPARATE CIRCUIT REQUIRED FOR SERVICE RECOPTACLE (Sump)

GAYLORD RANSOM NUMBER

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

MIDWEST May 13, 2025 HEALTH

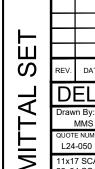
### **FDBY LEE'S SUMMIT MEDICAL CENTER**

DESCRIPTION

**IREV** 

M820, M821, M681, M682

2100 SE Blue Pkwy Lee's Summit, MO 64063



SUMMIT,

Cook 1 LEE'S

DATE:

DRAWN BY: BDN-81

SHEET NO.

**SUBMIT** 

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

Exhaust Fan & MUA Specs

Approved By:

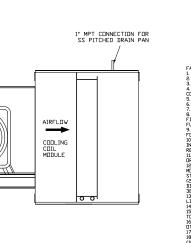
DATE

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L24-050

DELTA -

(M821) M-504



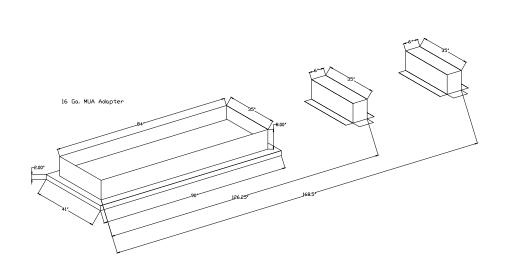
I EZ FILTERS
AIR FLUM RIGHT -> LEFT
ALLOWS THE BURNES COULT TO ENERGIZE VHEN THE MODULATION
ALLOWS THE BURNES COULT TO ENERGIZE VHEN THE MODULATION
AUGE, 0-35' 25' DIAMETER, 1/4' THREAD SIZE
UGE, -5 TO 415 INCHES V.C., 2.5' DIAMETER, 1/4' THREAD SIZE
COMMERCIAL HEATERS FOR SHEPPING.
RAFT DAMPERS OF V.S. 93' FUR SIZE 3 STANDARD & MODULAR DIRECT
FENDED SHAFT, STANDARD GAVANIZED CONSTRUCTION, 3/4' REAR INCLUDED

ERMOSTAT AND RELAYS MOUNTED IN UNIT - SET POINT
15°F. 3 MODULAR PACKAGE UNIT FOR THIRD CONDENSER. INCLUDES CONDENSER SUPPORTS. DOES NOT INCLUDE INLET AIR DAMPER. F V-BELTS. DNLY TO BE ORDERED AS FAN OPTION AT TIME FAN IS

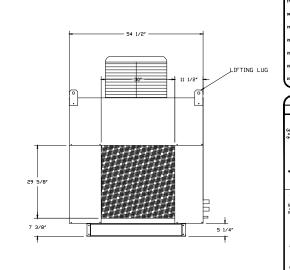
**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025 **MANUFACTURED HOUSING** 



SUPPLY SIDE HEATER INFORMATION



GAYLORD RANSOM NUMBER

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

MIDWEST HEALTH

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

2100 SE Blue Pkwy Lee's Summit, MO 64063

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REVISIONS

May 13, 2025

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4/8/2025

DATE:

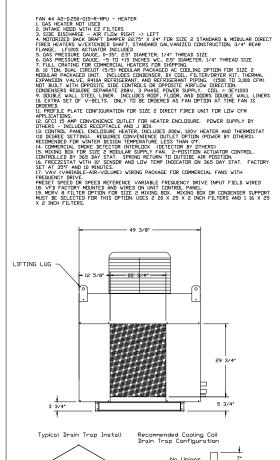
ഗ ₹ **BMIT** SUI

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

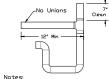
Exhaust Fan & MUA Specs

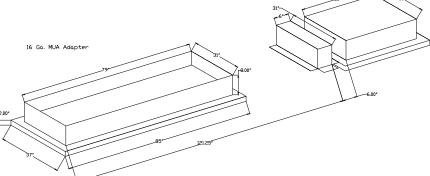
**IREV** 

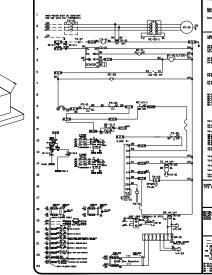
(M821) M-505











SUPPLY SIDE HEATER INFORMATION:

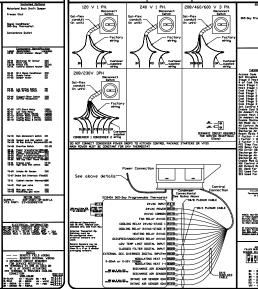
FLEX CONDUIT FOR FIELD WIRING

- 40 1/8° -

SERVICE DISCONNECT

- 42 1/8° -

CONDENSER 2



RETURN DAMPER

╙┸┸┖┸┸┖┪

ss Code = 248
Dccupled Fan Hode = Dn
e 2 Heat Used For = TCLCK
Cod Stages = 8 of Cond
Stage = 10 Freet = 0 PRE-WRITE AND THE PROPERTY IN THE SAME Terrologies 24" and 253 are because or Fried Supplied
for ready Date Contacts
to State Date Contacts Comment of

Court = 11
Factor = 10
Step Factor = 20
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Charge Air NOTES TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF

All external control since to natur speed control should be 15-55 ANS divided nucleonalister collect and must not be now in the spee probabl or recovery with any High power ering. Ground Shielded Colle at the drive challe CRLY. WISE COLOR

IX = RLACK YV = YELLOV

IX = BLUE GR = SHEDH

IR = ISTAM GY = GRAY

IR = CRAWGE PR = PLEPLE

RD = EED PK = PERK

Majort measurity on all defense PRT - 08 OF 500 on 198 VACO or 08 OF 500, 400 or 550 VACO 1980 - Marine FLA a 188 / Invite Chargest Stating PRSS Clear VacCagn = East to Reter VacCagn Great MODEL VACCAGN = East to Reter VacCagn Great MODEL VACCAGN = East to Reter VacCagn Great MODEL V

**MISSOURI PUBLIC SERVICE COMMISSION** 

**APPROVED** 

06/12/2025

**MANUFACTURED** 

HOUSING

RC-W2 365 Day Stat Relay (1) RS-66 (02 Roon Sensor (1) 15-89 Return Air Thermostat (I) 15-16 Dutside Air Thermostat (I) HOTOR INFO

— DODIES FIELD VIEWS

DODIES INTERNAL VIEWS WRE COLOR

- BLACK YW - YELLOW RD - RED

- BLUE GR - GREEN WH - VALITE
- BROWN GY - GRAY PK - FIRK
- DRAWER PR - PLEPLE

- HOTES HOUTES FIELD VIRING HOUTES INTOWN, VIRING WIRE COLOR

BK - BLACK YV - YELLOV

BL - BLUE GR - GREEN

BR - BROWN GY - GRAY

CR - DRANCE PR - PURPLE

SD - RCD PK - PDK

VH - WHITE

William CSVESSOCO

SHEET NO.

MCGRATH RENTCORP. DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30

ETNA GREEN, IN 46524

GAYLORD RANSOM NUMBER

MIDWEST May 13, 2025 HEALTH

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4/8/2025

REVISIONS

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#821 SUMMIT,

Cook 1 LEE'S

DATE:

DRAWN BY: BDN-81

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

Specification

SHEET NO. 6 of 8

**MISSOURI PUBLIC SERVICE COMMISSION** 

06/12/2025

HOUSING

ROOM OVERRIDE THERMOSTAT

ROOM THERMOSTAT

Room Temperature Sensor to be Provided with Control Pacakge. To be Field Installed

in Kitchen Module (by others).

**FDBY LEE'S SUMMIT** MEDICAL CENTER

2100 SE Blue Pkwy Lee's Summit, MO 64063

REV. DATE DESCRIPTION REV

DELTA -< Drawn By: Approved By: NANAS

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

22x34 SCALE: N/A **Control Panel** 

(M821) M-506



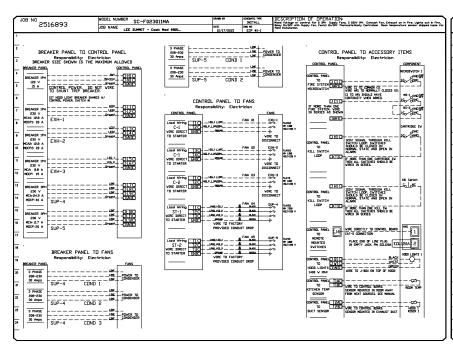
1/2" MT DA Sed Chapter No.

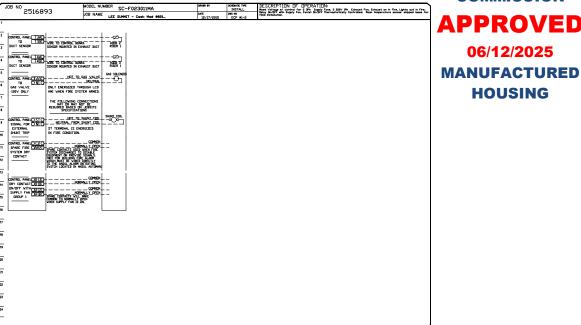
VE SA See Contest

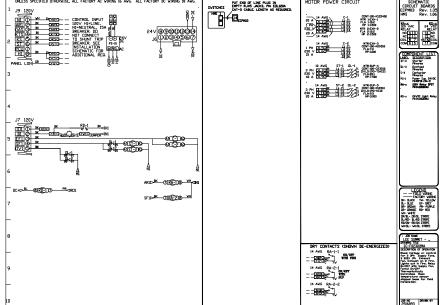
DUCT THERMISTOR DETAIL

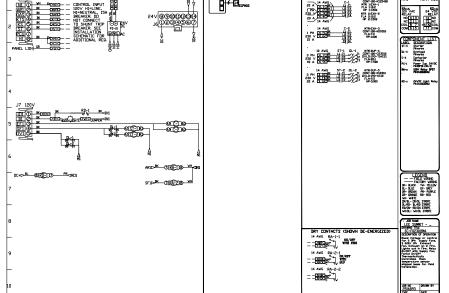
Duct Temperature Sensor to be Factory Installed Into Hood Exhaust Collars. To be Field

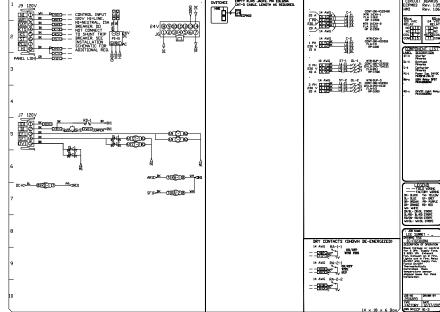
Wired to Electrical Control Panel (by others).

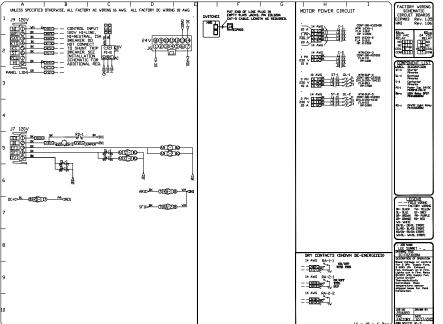














MCGRATH RENTCORP. DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30 ETNA GREEN, IN 46524



**FDBY LEE'S SUMMIT MEDICAL CENTER** 

HEALTH

DESCRIPTION

Approved By:

**MUA Ducting Specifications** 

(M821) M-507

IREV

M820, M821, M681, M682

2100 SE Blue Pkwy Lee's Summit, MO 64063

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ET		
-		

L24-050

22x34 SCALE: N/A

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Specification

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/8/2025

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DATE: DRAWN BDN-81

7 of 8

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

SHEET NO.

# $\langle \rangle$ Cook

**MISSOURI PUBLIC SERVICE COMMISSION APPROVED** 

- DOUBLE V-BAND

Reduced Clearance Detail

06/12/2025 **MANUFACTURED HOUSING** 

OUTER DUCT BAND DETAIL

DuctWork #1 Parts - Job#2516893 (3) Duct Runs
Hood # Tag Part # CFM S.P. Weight Velocity QTY Description

DW1033HWL1-2R-S Custom Length 28.0' 2750 -0.018 59.10

2750 -1.107

7.25 2450 -0.014 59.10

2450

2450 -0.008 19.53

2450 -0.001 12.40

9.00

0.80

1.50

8.49

3.33

8.49

1754.68

HDDD #1

HDDD #2

HDDD #3

MISC Parts

ALUSTABLE DUCT SECTION VELDED TO THE UNDERSIDE OF PLATE.

WORK BOOK

INSIDE SUPPORT IS FLUPPED SO THE COLLAR ES FLUSH — VITH TRANSITION PLATE

DUCT SUPPORT ASSEMBLY

TRANSITION PLATE DETAIL

System at P

P5

P8

stem at 1

P10

System at P12

duct enclosure Condition B.

DW1603L1

DW2616TPDBEX

DW1630AJDKIT

DW2616TPDBE

3M-2000PLUS

DW16DWCLASY-2R-S

DW16DWCLASY-2R-S

DW16CLASY

DW1603LT

DVI635DVLT-2R-S
Custom Length 25.25 2750 -0.018 59.10 1969.54 1 | Double Wall Duct - 16' Inner Duct, 35' long - 2 Layers Reduced Clearance - 20'
Stainless Steel Duter Shell.

DVI630AJDKIT 2750 -0.01 19.53 1969.54 1 | Single Vall Duct Adjustable, 16' diameter, 29.5' long, flange at one end Vith a 16'
Adjustable Collar - Stainless Steel.

DVI603LT 2750 -0.002 12.40 1969.54 1 | Single Vall Duct 16' diameter, 3' long, flange at both ends. Stainless Steel.

6 Duct "V" Clamp, 16" Duct, Assembly.

Furnish double wall, factory built grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 and UL-2221 for venting air and grease vapors from commercial cooking operation. Models DW-2R, 3R and 3Z are used for grease duct applications when installed in accordance with these instructions and National Fire Protection Association 'NFPA 96'; Standard for Ventilation Control and Fire Protection of Commercial Cooking Derations. Double wall grease ducts are listed for a continuous internal temperature of 500 degrees F and intermittent temperatures of 2000 degrees F.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8' through 24'. The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct, based on model number, shall include layers of Super Wool 607 Plus insulation between the inner and outer wall. Grease duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier

UL 2221: Standard for Fire Resistive Grease Duct Enclosure Assemblies. Chapter 7 of this standard references a test labeled Internal Fire Test. Section 7.1.1 references two installation conditions, Condition A and Condition B. Condition A represents all installation condition except

for installation within non-ventilated combustible enclosures. Condition B represents installation within a non-ventilated combustible enclosure.

2000+. The duct wall assembly shall be tested and listed at ¾ or zero inch cléarance, according to classifications.

Duct to Curb Transition 3/4" Down Turn, 26.5" Curb to 16" Duct, 16 GA Aluminized. Used on NCA16FA / NAG16FFF A NCA18FA / NCA18FB Transition Plate ID is 27.00" Designed For Use With Exhaust Fan. Non-Standard Part.

Double Wall Duct - 16' Inner Duct, 35' long - 2 Layers Reduced Clearance - 20' Stainless Steel Duter Shell.

1754.68 1 Stainless Steel Buter Shell.
1754.68 1 Single Vall Buct Adjustable, 16' diameter, 295' long, flange at one end With a 16' Adjustable Collar - Stainless Steel.
1754.68 1 Single Vall Buct 16' diameter, 3' long, flange at both ends. Stainless Steel.
1754.68 1 Duct to Curb Transition 3/4' Down Turn, 26.5' Curb to 16' Buct, 16 GA Aluminized. Used on NCAIGFA / NCAIGFA / NCAIGFA / NCAIGFA / Transition Plate ID is 27.00' Designed For Use With Exhaust Fan. Non-Standard Part.

4 Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.

Duct V Clamp, 16 Duct, Assembly.

3 Duct 1 6' Duct 2 0' Double "/" Clamp - 2R Insulation & Single "V" Clamp Included - Reduced Clearance.

3 Double Wall Duct End Cap Assembly - 16' Duct 2 Layers 21' DD - Includes DW20CLASY - Used To Seal Double Wall When Connecting To Single Wall Duct.

Double Wall Riser Cover - Used Dn 16' Inner Riser, 4' long - 2 Layers Reduced 3 Clearance - 20' Stainless Steel Duter Riser Shell Assembly, Includes Insulation & Single V Clamps For Inner & Duter Connections.

3 Duct - 16' Duct - 20' Double 'V' Clamp - 2R Insulation & Single 'V' Clamp Included Reduced Clearance.

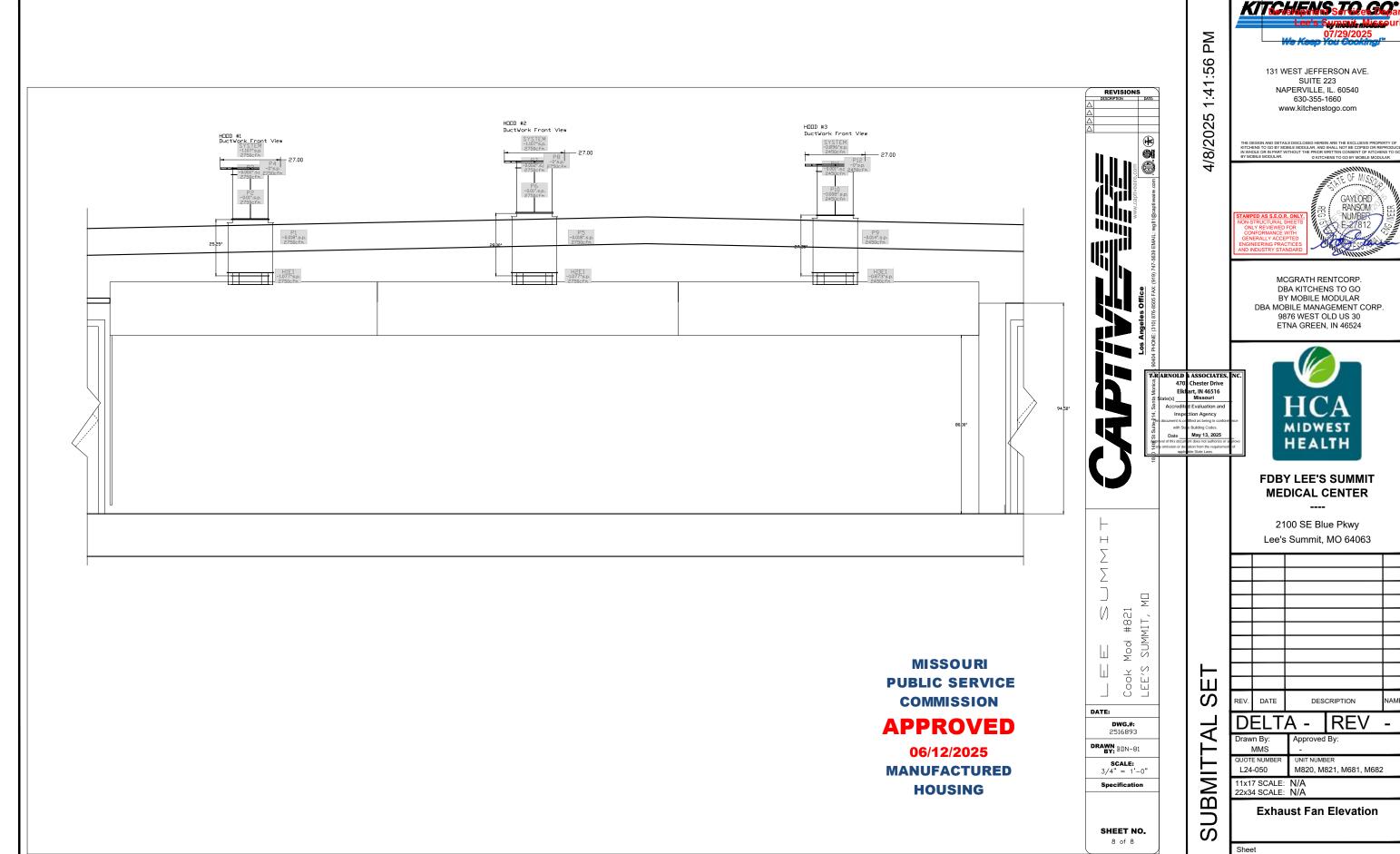
### REDUCED CLEARANCE DETAIL

- DUCT RUNS TO HAVE CLEANOUTS EVERY 10', AND EVERY CHANGE OF DIRECTION UNLESS SPECIFIED OTHERWISE.
- VERTICAL HANGING SUPPORTS TO BE EVERY 10', HORIZONTA SUPPORTS TO BE EVERY 7' FOR INNER DUCT DIA 8" TO 16" AND EVERY 5' FOR INNER DUCT DIA 18" TO 24".
- ADJUSTABLE DUCT OVERLAP TO BE NO LESS THAN 6", UNLESS INNER DIAMETER IS 8" (4" OVERLAP) OR 10" (5" OVERLAP). 3/4" CLEARANCE TO COMBUSTIBLES IS FROM OUTER SHELL, V-BAND IS LISTED TO BE AGAINST SURFACE.

DUCTWORK NOTES

Model DW-2R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 16" diameter). Model 2R is listed in accordance with the requirements for

(M821) M-508



SUITE 223 NAPERVILLE, IL. 60540 630-355-1660 www.kitchenstogo.com

DBA KITCHENS TO GO BY MOBILE MODULAR DBA MOBILE MANAGEMENT CORP. 9876 WEST OLD US 30

131 WEST JEFFERSON AVE.

4/8/2025

MCGRATH RENTCORP ETNA GREEN, IN 46524

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NOTES:

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT CODES AND

ALWAYS USE ROUND RUBBER GROMMETS WHENEVER PLUMBING LINES RUN THRU

ALL LINES SHALL BE ADEQUATELY SUPPORTED WITHGALV. STL 2 HOLE STRAPS AT

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

DRAIN LINES SHALL BE CPVC DWV WHERE REQUIRED FOR HIGH TEMPERATURE

EQUIPMENT, OTHERWISE USE ABS DWV, PVC DWV OR OTHER APPROVED

SCHEDULE 40 ABS DWV UNLESS OTHERWISE SPECIFIED. FLOOR SINKS SHALL BE MOUNTED FLUSH WITH FINISHED FLOOR.

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

SEWER LINES FROM FLOOR SINKS SHALL ALL BE SCHEDULE 40 PVC DWV OR

EXPOSED SURFACE LINES SHALL NOT BE RUN UNLESS APPROVED BY KITCHENS

PIPES TO BE RUN HORIZONTALLY UNDER THE FLOOR AS CLOSE AS POSSIBLE TO

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

16. INDIRECT PLUMBING MUST HAVE A MINIMUM 2" AIR GAP OR 2 TIMES THE PIPE ID,

10. HVAC CONDENSATION LINES SHALL BE PVC OR OTHER APPROVED MATERIALS. HVAC & MUA CONDENSATION LINES TO BE CONNECTED TO AN APPROVED DRAIN . WALK-IN COOLER CONDENSATE LINE TO DRAIN TO A APPROVED DRAIN SYSTEM.

REGULATIONS

3' O.C. MAX.

METAL PLATES, SKIN, CURBS, ETC

INCHES BELOW THE ROOF.

TO GO BY MOBILE MODULAR.

15. FOR COLD CLIMATE LOCATION:

TYPICAL WASTE WATER **CONNECTION DETAIL** 

TYPICAL HAND SINK

WASTE WATER DETAIL

TYPICAL VTR WASTE WATER DETAIL

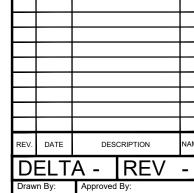
TYPICAL TRAP PRIMER DETAIL

May 13, 2025

### **FDBY LEE'S SUMMIT MEDICAL CENTER**

HEALTH

2100 SE Blue Pkwy Lee's Summit, MO 64063



MMS L24-050 M820, M821, M681, M682

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

**Waste Water Plumbing** Schematic

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BMIT

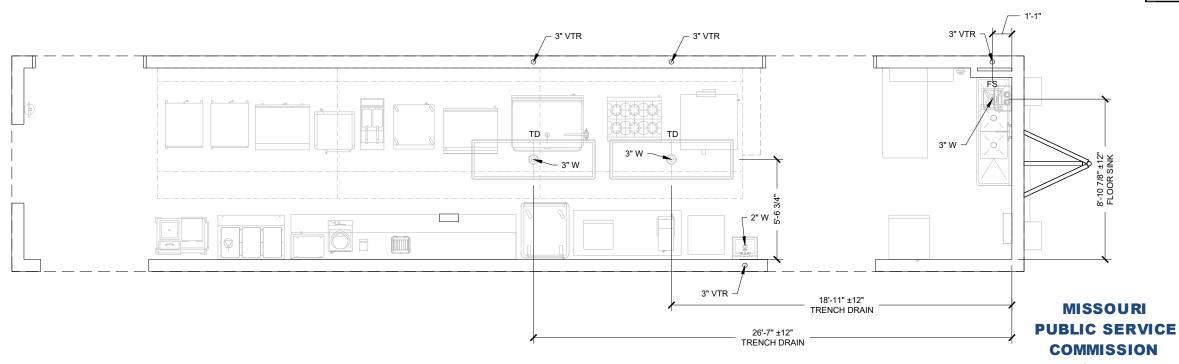
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**APPROVED** 

06/12/2025

**MANUFACTURED** HOUSING

(M821) P-602



As Noted on Plans Review NEEDED FOR QUOTE: **Development Services Department** X16 ANSI LOOPS Lee's Summit, Missouri X8 ADAPTER PACKS 07/29/2025 X2 12"X54" BEVELS US5/8CPS UPL60-6 UPL60-6 US5/8CPS\_ UPL60-6 US5/8CPS UPL60-6 US5/8CPS\_ UPL60-6 US5/8CPS UPL60-6 US5/8CPS UPL60-6 ALL ALUMINUM RAMP SYSTEM -HEIGHT VARIES 44"-50", MAY NEED DBA FRONT DOOR CLIENT NAME REVISION LEE'S SUMMIT MEDICAL CENTER -PLATFORMS NEED TO STAY AWAY  $\sim 4\frac{1}{2}$ " FOR RISE AT DOOR= 48 CUSTOMER ALL AMERICAN RAMP RENTALS CANOPY INSTALLATION RISE AT PORCH= 0 INTERIOR RISE= CHECKED BY YARD SLOPE= 0 LINEAR FEET= DRAWN BY DATE 48 TOTAL FLEVATION= INCLINE = 1 : 12C. VAUGHN 3/10/2025

RELEASED FOR