



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

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

DGL PROJECT NO. 6406.24.0001 DATE: 10/21/2025  
HCA PROJECT NO. 097240009  
HCA DESIGN MANAGER: MIKAL MALIK  
HCA CONSTRUCTION MANAGER: ERIC SJODIN

<u>SUBMITTALS:</u>	<u>DATE:</u>
CITY & STATE - 1 <sup>ST</sup> REVIEW	05/23/2025
CITY - 2 <sup>ND</sup> REVIEW	07/03/2025
DESIGN COORDINATION	07/03/2025
ASI-001 - DESIGN COORDINATION	10/21/2025



Devenney Group Ltd., Architects  
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Scottsdale, Arizona 85251  
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DEVENNEY GROUP, LTD.

ARCHITECTS  
ARCHITECTS

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

PROJECT MANAGER: KEVIN COOK

602.541.7287

DATE SIGNED: 10.21.25



WSP

MECHANICAL, PLUMBING & ELECTRICAL ENGINEERS

300 WYANDOTTE, SUITE 200  
KANSAS CITY, MO 64105

PROJECT MANAGER: MINDY WHISLER

816.702.4247

KITCHENS TO GO

MODULAR KITCHEN DESIGNER

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

PROJECT MANAGER: ZACH DAVIS

901.451.2152

NABHOLZ

GENERAL CONTRACTOR

6640 CAROTHERS PARKWAY, STE 150  
FRANKLIN, TN 37067

PROJECT MANAGER: JEREMY BRANSON

913.393.6552

### PROJECT SYMBOLS

**DIMENSION LINE**  
12'-0"  
TO FACE OF FRAMING OR CENTERLINE OF STRUCTURE

**NORTH ARROW**  
TRUE NORTH  
REFERENCE NORTH

**REVISION**

**PRE-PERMIT REVISION**

**KEY FOR ENLARGED PLAN**

### 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 DATA

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

**ADDRESS** 2100 SE BLUE PKWAY  
LEE'S SUMMIT, MO 64063

**BRIEF PROJECT DESCRIPTION**

THIS PROJECT INCLUDES THE FOLLOWING COMPONENT:

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

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

### DEFERRED SUBMITTALS

- FIRE/SMOKE ALARM DESIGN AND ENGINEERING
- FIRE SUPPRESSION DESIGN AND ENGINEERING

### SHEET INDEX

SHEET NUMBER	SHEET NAME	CITY & STATE - 1ST REVIEW - 06/12/2025	CITY - 2ND REVIEW - 07/03/25	DESIGN COORDINATION - 2025/07/03	AS-001 - DESIGN COORDINATION - 10/21/2025
G1000	COVER SHEET	X	R	R	R
G1101	SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS	X	R	R	R

### GENERAL INFORMATION

GENERAL INFORMATION	C	M	E	P	S
G1000 COVER SHEET	X	R	R	R	R
G1101 SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS	X	R	R	R	R

### CIVIL

CS-3 DETAILED LAYOUT PLAN					X
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### ARCHITECTURAL SITE

AS001 ARCHITECTURAL SITE PLAN	X	R			
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### PLUMBING

P00-00 GENERAL INFORMATION - PLUMBING	X				
P02-01 FLOOR PLAN - LEVEL 01 - PLUMBING	X				R
P02-01A FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - PLUMBING	X				
P07-01 DETAILS - PLUMBING	X				

### MEPT

MEPT01 - 00 SITE PLAN - MEPT	X				R
MEPT02 - 02 ROOF PLAN - MEPT	X	R			

### ELECTRICAL

E00-00 GENERAL INFORMATION - ELECTRICAL	X	R			
E02-01 FLOOR PLAN - LEVEL 01 - POWER	X				R
E03-01 FLOOR PLAN - LEVEL 01 - LIGHTING	X				
E04-01 FLOOR PLAN - LEVEL 01 - SECTOR A - SPECIAL SYSTEMS	X				
E06-00 ONE LINE DIAGRAM - ELECTRICAL	X	R	R	R	
E07-01 DETAILS - ELECTRICAL	X				
E08-01 SCHEDULES - ELECTRICAL	X				

### TECHNOLOGIES

T00-00 GENERAL INFORMATION - TECHNOLOGY	X				
T02-01 FLOOR PLAN - LEVEL 01 - COMMUNICATIONS	X				
T07-01 DETAILS - TECHNOLOGY	X				

### VENDOR (KITCHENS TO GO)

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

### VENDOR (KITCHENS TO GO - SERVERY)

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

### VENDOR (KITCHENS TO GO - SERVERY UNIT)

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

### VENDOR (KITCHENS TO GO - WASH UNIT)

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

### VENDOR (KITCHENS TO GO - COOK UNIT)

(M821) G-001 COVER SHEET & DRAWING INDEX	F				
(M821) I-101 INTERIOR FLOOR PLAN AND EQUIPMENT LIST	F				
(M821) E-101 ELECTRICAL FLOOR PLAN SCHEMATIC	F				
(M821) E-601 ELECTRICAL PANEL SCHEDULE(S)	F				
(M821) E-602 ELECTRICAL PANEL SCHEDULE(S)	F				
(M821) M-501 MAKEUP AIR SPECIFICATIONS	F				
(M821) M-502 EXHAUST HOOD PLAN & SPECIFICATIONS	F				
(M821) M-503 EXHAUST HOOD PLAN & SPECIFICATIONS	F				
(M821) M-504 EXHAUST FAN & MAU SPECS	F				
(M821) M-505 EXHAUST FAN & MAU SPECS	F				
(M821) M-506 CONTROL PANEL	F				

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Consultant:

DATE SIGNED: 10.21.25

IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTERED ARCHITECT, 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 UNDER FEDERAL AND STATE LAWS. 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 SEIZURE OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

## MODULAR INTERIM KITCHEN COMPLEX

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

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

FACILITY NUMBER:  
097240009

AGENCY APPROVALS:  
AGENCY

REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/07/03
B	DESIGN COORDINATION	2025/07/03
1	AS-001 - DESIGN COORDINATION	2025/10/21

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

SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS

# G1101

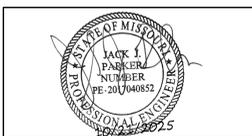
**Devenney**  
GROUP

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Consultant:

**Catalyst**  
DESIGN GROUP

1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129  
(615) 622-7200 | WWW.CATALYST-DG.COM



IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTERED ARCHITECT, 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 SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C. 102, AS AMENDED (OCTOBER 1990 AND PREVIOUS 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.

**INPATIENT BED EXPANSION**

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

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

FACILITY NUMBER:  
097240009

AGENCY APPROVALS:  
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
1	ASI-001 - DESIGN COORDINATION	2025/10/21

DATE: 2025/07/25  
SCALE: 1:20  
DRAWN: AP  
REVIEWED: WB  
JOB NUMBER: 6406.24

**DETAILED LAYOUT PLAN**

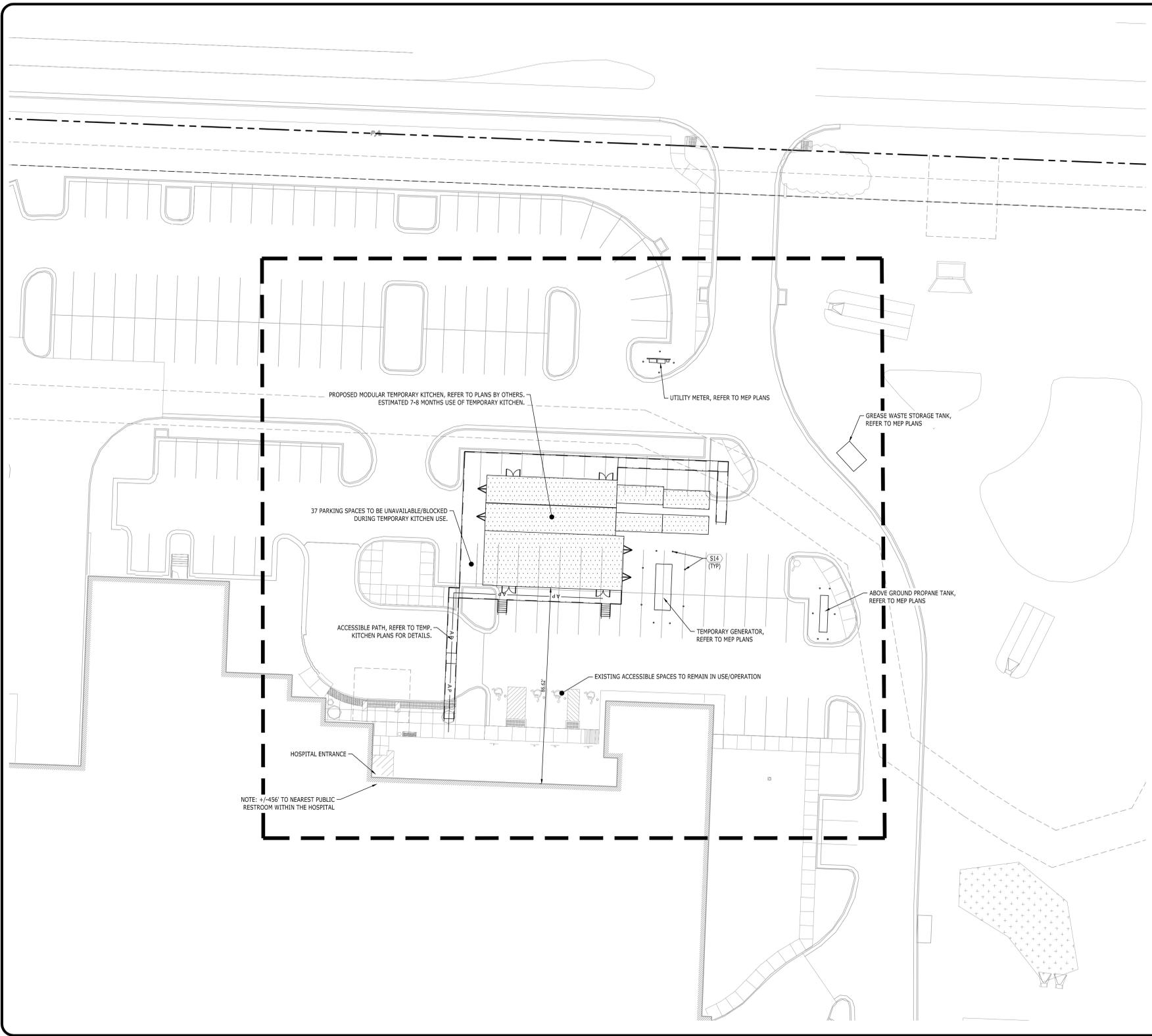
**C5.3**

**SITE LAYOUT KEYNOTES**

CODE	DESCRIPTION	DET # / SHT #
(S1A)	ASPHALT PAVEMENT - LIGHT DUTY	1 / C8.0
(S1B)	ASPHALT PAVEMENT - HEAVY DUTY	1 / C8.0
(S3B)	CONCRETE POST CURB	10 / C8.0
(S3C)	CONCRETE CURB & GUTTER	2 / C8.0
(S4A)	CONCRETE SIDEWALK	5 / C8.0
(S4B)	CONCRETE SIDEWALK WITH TURN DOWN CURB	8 / C8.0
(S4C)	CONCRETE SIDEWALK AT CURB & GUTTER	3 / C8.0
(S5)	SIDEWALK JOINTS	6 / C8.0
(S10)	ACCESSIBLE RAMP	3 / C8.1
(S14)	BOLLARD	12 / C8.0
(S15)	PEDESTRIAN CROSSWALK SIGN	7 / C8.0
(S16)	STOP SIGN	4 / C8.0
(S19)	PEDESTRIAN CROSSWALK	7 / C8.0
(S20)	CONCRETE RETAINING WALL (WITH GUARDRAIL)	1 & 4 / C8.1
(S21)	CONCRETE WHEEL STOP	8 / C8.1
(S22)	ELEVATED WALK (WITH GUARDRAIL)	2 & 3 / C8.2

**LEGEND**

CONCRETE PAVEMENT	[Pattern]
CONCRETE SIDEWALK	[Pattern]
HEAVY DUTY PAVEMENT	[Pattern]
LIGHT DUTY PAVEMENT	[Pattern]
PAINTED STRIPE	[Pattern]
CONCRETE CURB	[Pattern]
CENTERLINE	[Pattern]



**Catalyst**  
DESIGN GROUP

1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129  
(615) 622-7200 | WWW.CATALYST-DG.COM

**LEE'S SUMMIT  
MEDICAL CENTER**  
2100 SE BLUE PARKWAY  
LEE'S SUMMIT, MO 64063  
816-282-5000

CONSTRUCTION DOCUMENTS  
**HCA LEE'S SUMMIT  
MEDICAL CENTER**  
2000 SE SHENANDOAH DRIVE  
LEE'S SUMMIT, MO, 64063  
JACKSON COUNTY

NO. DATE DESCRIPTION

1 10/21/2025 ASI-001 - DESIGN COORDINATION

DRAWING TITLE  
**DETAILED LAYOUT  
PLAN**

PROJECT NUMBER  
20240037

DRAWING NUMBER  
**C5.3**

P:\2024\20240037\_Devenney - HCA Lee's Summit Medical Center\_Med Surg Exp\dwg\Construction\20240037\_LAY.dwg-C5.3 DETAILED LAYOUT PLAN Oct 31, 2025 whissard

6/10/2024 2:05:24 PM h:\work\037\16462-24-001-144 - SANC MedSurg Expansion\_rvt23\6406-24\001-HCA - SANC Med Surg Expansion.rvt



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 T: 602.943.8950  
 www.devenneygroup.com

Consultant:



DATE SIGNED: 07.03.25

IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER, THEY ARE TO BE CONSIDERED "PRELIMINARY" AND ARE NOT TO BE USED FOR CONSTRUCTION OR RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION UNDER FEDERAL AND STATE LAWS. THE PROTECTION HELD BY THIS WORKS COPYRIGHT PROTECTION ACT OF 1976, THE PROTECTION HELD BY THE 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 SEIZURE OF CONSTRUCTION OR BUILDINGS BEING SIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

**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

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

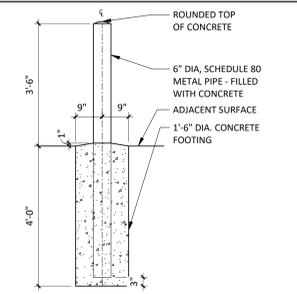
DATE: 05/23/2025  
 SCALE: As indicated  
 DRAWN:  
 REVIEWED:  
 JOB NUMBER: 6406.24.0001

ARCHITECTURAL SITE PLAN

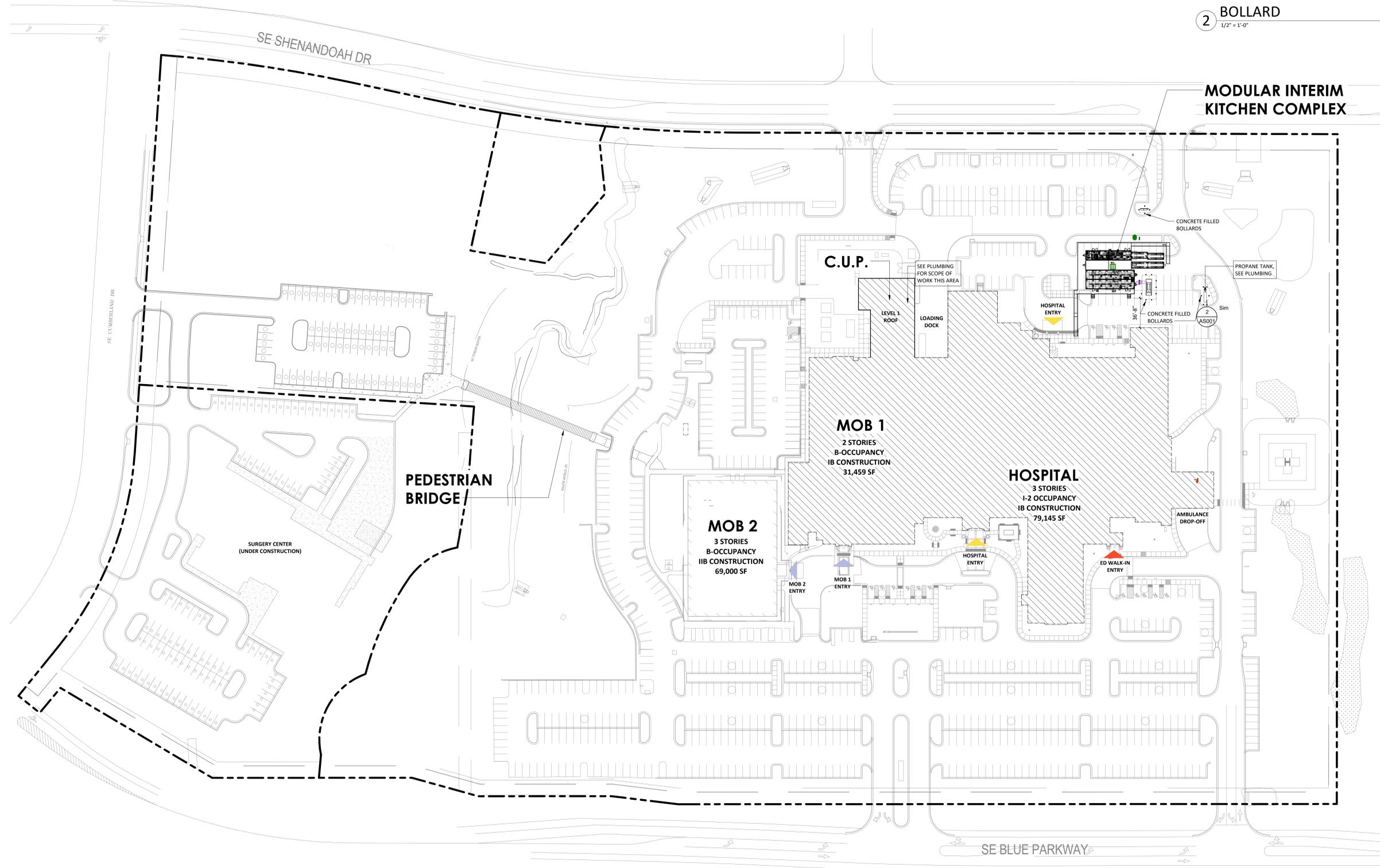
AS001

**SITE PLANS GENERAL NOTES**

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



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



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



Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC) - r123/6406.24.0001 LCA - LSMC Temp Kitchen.rvt 7/23/2025 2:30:16 PM

**GENERAL NOTES**

- A. REFER TO P10-00 FOR PLUMBING NOTES AND SYMBOLS.
- B. ALL GREASE WASTE PIPING ROUTED ABOVE GRADE.
- C. INSULATE AND HEAT TRACE ALL EXPOSED P-TRAPS, GREASE WASTE PIPING ABOVE GRADE AND COLD WATER PIPING ABOVE GRADE.
- D. DASHED PIPING TO BE ROUTED BELOW GRADE.
- E. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- F. REFER TO SHEET E08-SERIES FOR FEEDER SCHEDULES.
- G. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES.



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10/21/2025  
WSP USA Buildings Inc. 2013001881

**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:  
097240009  
FACILITY NUMBER 2

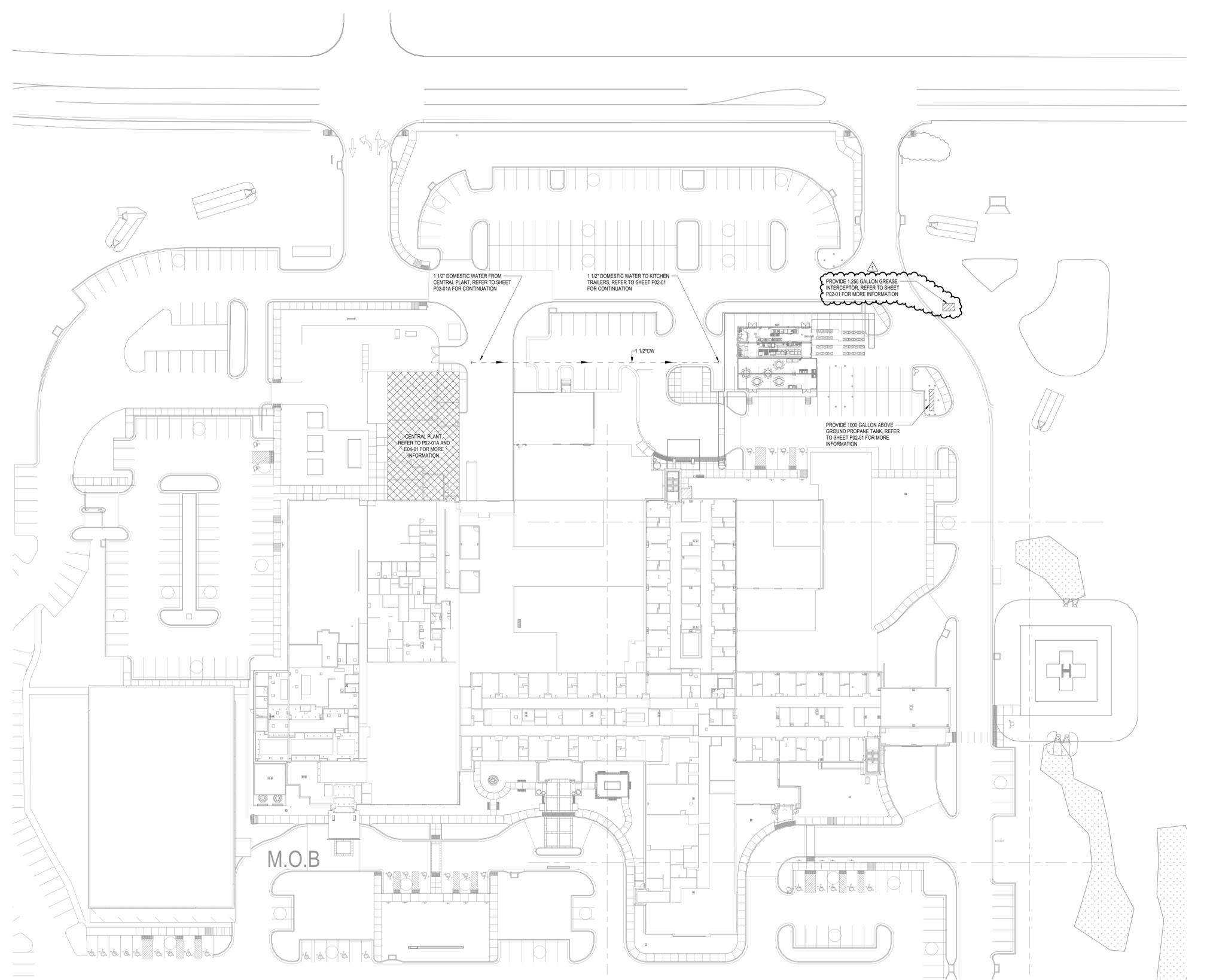
AGENCY APPROVALS:  
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
1	ASI-001 - DESIGN COORDINATION	2025/10/21

DATE: 05/23/25  
SCALE: As indicated  
DRAWN: WSP  
REVIEWED: WSP  
JOB NUMBER: 6406.24.0001

SITE PLAN - MEPT

MEPT01-00



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

Autodesk Docs://6406.24-HCA- Lee's Summit Medical Center (LSMC), rvt02/MEPT-LSMC TEMP KITCHEN, 2025.rvt  
Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternate schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.



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06/30/2025  
WSP USA Buildings Inc. 2013001881

**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:  
097240009  
FACILITY NUMBER 2  
AGENCY APPROVALS:  
AGENCY

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

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

ROOF PLAN - MEPT

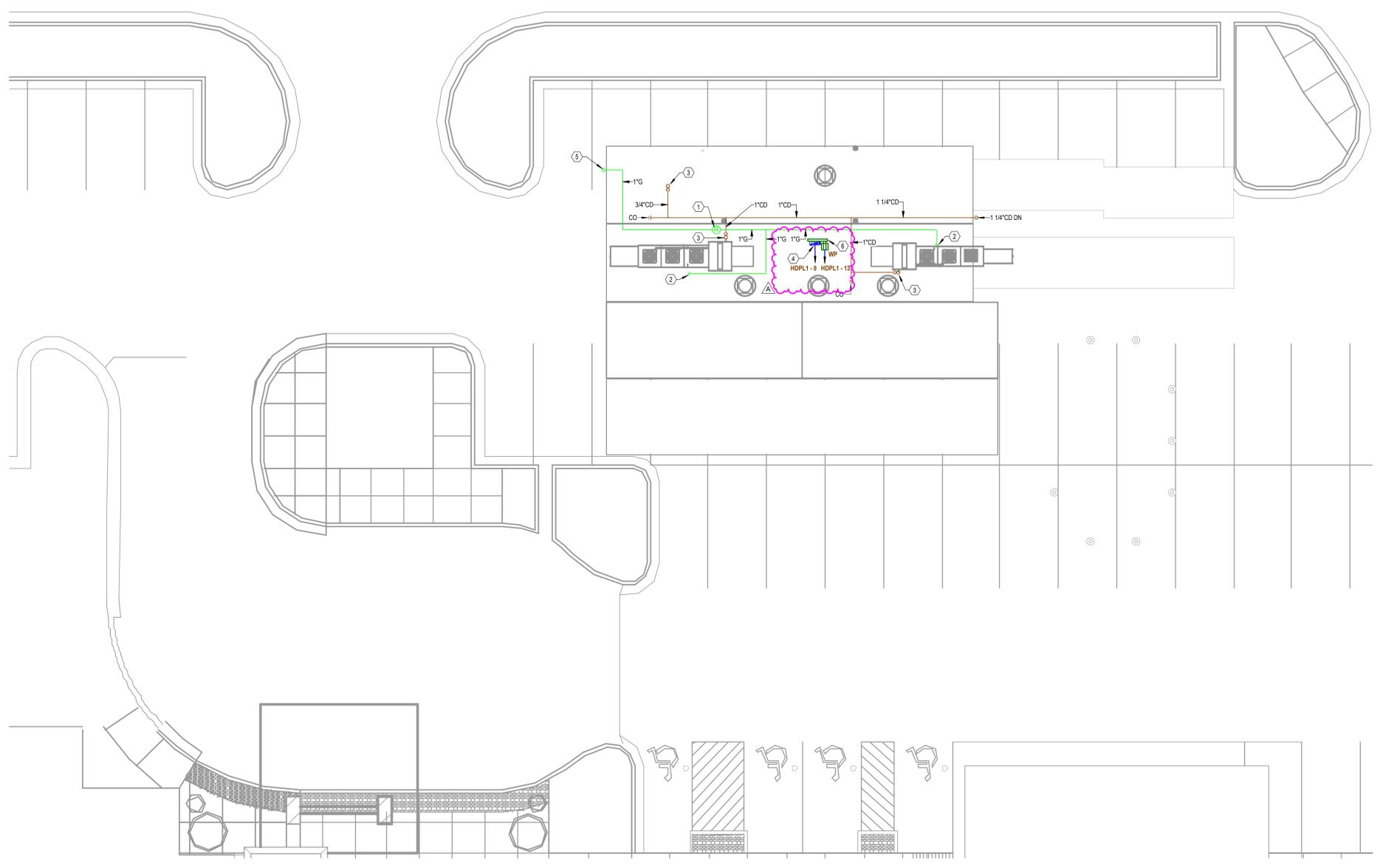
MEPT02-02

**GENERAL NOTES**

- A. REFER TO P10-00 FOR PLUMBING NOTES AND SYMBOLS.
- B. ALL GREASE WASTE PIPING ROUTED ABOVE GRADE.
- C. INSULATE AND HEAT TRACE ALL EXPOSED P-TRAPS, GREASE WASTE PIPING ABOVE GRADE AND COLD WATER PIPING ABOVE GRADE.
- D. DASHED PIPING TO BE ROUTED BELOW GRADE.
- E. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- F. REFER TO SHEET E00-SERIES FOR FEEDER SCHEDULES.
- G. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES.

**LEGEND NOTES**

- 1. SET PRESSURE REGULATOR VALVE TO 14" W.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 MU11 AND MU12 CONDENSING UNITS. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS PRIOR TO INSTALLATION. REFER TO E06-00 FOR ADDITIONAL INFORMATION.
- 5. PIPING DOWN. REFER TO P10-00 FOR COORDINATION.
- 6. PROVIDE (2) POWER PEDESTALS EQUAL TO PP-60-S EACH WITH PP-80-S FOR INTEGRATION OF WATERPROOF MEMBRANE INTO ROOF MATERIAL. UNISTRUT TO BE MOUNTED BETWEEN POWER PEDESTALS FOR ELECTRICAL FIXTURES AND EQUIPMENT INDICATED.



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

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**MODULAR INTERIM KITCHEN COMPLEX**  
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2100 SE BLUE PKWY, LEE'S SUMMIT, MO 64063

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CITY OF LEE'S SUMMIT BUILDING DEPT.  
MISSOURI DHS

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

FACILITY NUMBER:  
0972400009  
FACILITY NUMBER 2

AGENCY APPROVALS:  
AGENCY

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

DATE: 05/23/25  
SCALE: As indicated  
DRAWN: Author  
REVIEWED: Checker  
JOB NUMBER: 6406.24.0001

GENERAL INFORMATION - ELECTRICAL

E00-00

POWER SYMBOLS LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO
	DUPLX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A WEATHERPROOF-WHILE-IN-USE ENCLOSURE, 208Y/120V 20WING NEMA 5-20R	18" AFF
	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED
	DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	AS REQUIRED
	DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	AS REQUIRED
	CIRCUIT HOMERUN TO PANELBOARD (#12, #1423, 3/4", 20A/1P CB UNO)	--
	208Y/120V PANELBOARD	--
	208Y/120V DISTRIBUTION PANELBOARD	--
	TRANSFER SWITCH	--

LIGHTING SYMBOLS LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO (SEE NOTE 1)
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2

**LIGHTING NOTES:**  
1. REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.  
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS. IT IS THE INTENT, UNLESS NOTED OTHERWISE, THAT SURFACE AND RECESSED FIXTURES ARE TO BE MOUNTED AT ARCHITECTS CEILING PLANE.

LIGHTING CONTROLS SYMBOLS LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO
	# IN DIAMOND REFER TO LIGHTING CONTROLS REQUIREMENTS AND SEQUENCE OF OPERATIONS SCHEDULE.	SEE NOTE 1
	1 ZONE, 1 BUTTON MANUAL CONTROL DEVICE	SEE NOTE 2
	WALL SWITCH SPST, 20A, 120/277V	SEE NOTE 2
	3-WAY WALL SWITCH, 20A, 120/277V	SEE NOTE 1 SEE NOTE 2

**LIGHTING NOTES:**  
1. PROVIDE SINGLE POLE OR 3-WAY SWITCHING FOR DEVICE AS NEEDED.  
2. REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT IS NOT INDICATED BY ARCHITECT, PROVIDE AT 48" AFF.

FIRE ALARM SYMBOLS LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
SYMBOL	DESCRIPTION	MNTG. HT. UNO
	FIRE ALARM PULL STATION WALL MOUNTED	48" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X=HORN, S=SPEAKER)	--
	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X=HORN, S=SPEAKER)	--
	FIRE ALARM VISUAL SIGNAL CEILING MOUNTED	--
	FIRE ALARM SPRINKLER FLOW SWITCH	--
	FIRE ALARM SPRINKLER TAMPER SWITCH	--
	FIRE ALARM SPRINKLER PRESSURE SWITCH	--
	FIRE ALARM CONTROL PANEL	AS REQUIRED
	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED
	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED
	MONITOR MODULE	AS REQUIRED
	NOTIFICATION APPLIANCE CIRCUIT	AS REQUIRED
	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 AHP 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 AHP, THE CONTRACTOR SHALL QUALIFY THEIR BID AND SHALL PROVIDE AN ADDITIONAL 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

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)	8" AFF INDICATES TO BOTTOM OF DEVICE.
D)	8" AFF INDICATES TO BOTTOM OF DEVICE.
NOTE 2: CONFIRM ALL BACKBOX SIZE WITH VENDOR SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN.	
- LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. Z"	
	EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.
	DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E7.01
	DENOTES: REFERENCE ENLARGED DETAIL PLAN 02 ON DRAWING (SHEET) E5.01
	EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNERS EQUIPMENT BOOK / FPE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

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

ELECTRICAL ABBREVIATIONS			
AFC	ABOVE FINISHED COUNTER	MH	MANHOLE
AFF	ABOVE FINISHED FLOOR	MLO	MAN LUGS ONLY
AHJ	AUTHORITY HAVING JURISDICTION	MTD	MOUNT OR MOUNTED
ATS	AUTOMATIC TRANSFER SWITCH	MW	MICROWAVE
BFC	BELOW FINISHED CEILING	N	NEW DEVICE
BOF	BOTTOM OF FIXTURE	NC (N.C.)	NORMALLY CLOSED
C	CONDUIT	NEC	NATIONAL ELECTRICAL CODE
CB/OB OR C/K/BKR	CIRCUIT BREAKER	NEF	NOT IN CONTRACT
CKT	CIRCUIT	NL	NIGHT LIGHT
CCTV	CLOSED CIRCUIT T.V.	NO (N.O.)	NORMALY OPEN
CLG	CEILING	PB	PULL BOX
CR	CRITICAL (EMERGENCY SYSTEM)	PLGMOLD	PLUGMOLD
CUH	CABINET HEATER	PNL	PANEL
EC	EMPTY CONDUIT	PWR	POWER
ELEC	ELECTRIC	R	RELOCATED DEVICE
E	EMERGENCY	RCPT(S) OR RECEPT	RECEPTACLE(S)
EMS	ENERGY MANAGEMENT SYSTEM	REF	REFRIGERATOR
EP	EXPLOSION PROOF	RF	RETURN AIR FAN
EWC	ELECTRIC WATER COOLER	SEF	SMOKE EXHAUST FAN
EX	EXISTING	SF	SUPPLY AIR FAN
F	FUSE	SO (S.O.)	SPACE ONLY
FA	FIRE ALARM	SP	SPARE
FACP, FAP	FIRE ALARM CONTROL PANEL	ST (S.T.)	SHUNT TRIP SWITCH
FCU	FAN COIL UNIT	SW	SWITCH
FIXT	FIXTURE	TEL	TELEPHONE
FLR	FLOOR	TF	TRANSFER FAN
FLR	FLOOR	TP	TAMPER PROOF TELEVISION
FLU	FLOURESCENT	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
FTF, FTS OR FTU	FAN TERMINAL UNIT	UL	UNDERGROUND
FUT	FUTURE	UH	UNIT HEATER
G, GND	GROUND (EQUIPMENT)	UNO (U.N.O.)	UNLESS NOTED OR INDICATED OTHERWISE
GE	GENERAL EXHAUST FAN	V	VOLTAGE
GEN	GENERATOR	VDF	VARIABLE FREQUENCY DRIVE
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER	VP	VAPOR PROOF
HP	HORSE POWER	W	WIRE
HV	HIGH VOLTAGE	WG	WITH
HWAT	HEAT TRACE	WIP	WIRE GUARD
IC	INTERLOCKING CAPACITY	WT	WEATHER PROOF WATER TIGHT
ICAND	INCANDESCENT	WT	WATER TIGHT
IG	ISOLATED GROUND	XFMR	TRANSFORMER MOUNTING
IGF	GROUND FAULT INDICATION ONLY	X	HEIGHT IN INCHES AFF UNO, UNCR CABINET REFRIGERATOR
JB	JUNCTION BOX	Y	
JEF	KITCHEN EXHAUST FAN	Z	
LTG	LIGHTING		
LTS	LIGHTS		
LV	LOW VOLTAGE		
MATV	MASTER ANTENNA		
MCB	MAIN CIRCUIT BREAKER		
MCC	MOTOR CONTROL CENTER		
MDP	MAIN DISTRIBUTION PANEL		

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

**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 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 SUCH DISCREPANCY.  
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 CONTRACTOR OTHERWISE IN WRITING.  
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 OBTAINING 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 WHOSE 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, UNLESS OTHERWISE INDICATED. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS. THEY SHALL ALSO BE LISTED/LABELED BY A NATIONALLY RECOGNIZED LABORATORY IN ACCORDANCE WITH NFPA 70 EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS.  
9. PROVIDE SHOP DRAWINGS FOR ENGINEERS REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.

**B. ELECTRICAL EQUIPMENT**  
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 REQUIREMENTS.  
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 TAPES FOR ALL TEMPORARY MARKINGS AND SHALL REMOVE THESE TEMPORARY MARKINGS AT THE CONCLUSION OF THIS PROJECT.

**C. SITE WORK**  
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, CONTRACTOR, GENERAL CONTRACTOR, SUBCONTRACTORS, AND VARIOUS SUBCONTRACTORS RESPONSIBLE FOR SITE CONSTRUCTION PRIOR TO ELECTRICAL ROUGH-IN.

**D. CONDUIT & RACEWAY**  
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, CEILING, 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 SLEAVED 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.

**E. BRANCH CIRCUITS AND FEEDERS**  
1. CIRCUITING IS SHOWN DIAGRAMMATICALLY. HOMERUNS SHALL BE COMBINED WHERE POSSIBLE IN ACCORDING TO NFPA 70.  
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.

**F. WIRING DEVICES**  
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 DRAINAGE SURGES.

**G. MECHANICAL & PLUMBING COORDINATION**  
1. REFER TO 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 SYSTEM POINTS AND CONTACT CONNECTIONS TO ENSURE THE COMPLETE AND PROPER OPERATION OF ALL SYSTEMS.  
3. ALL FUSED SWITCH AND/OR CIRCUIT BREAKERS SERVING EQUIPMENT SHALL HAVE PROVISIONS FOR HANDLE LOCKS.  
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.  
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 208Y/120V PANEL OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.

**H. SPECIAL SYSTEMS (e.g. DATA/PHONE/SECURITY/CATV)**  
1. CONTRACTOR SHALL PROVIDE AND INSTALL AN EMPTY CONDUIT RACEWAY SYSTEM FOR SPECIAL SYSTEM. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN VENDOR SHOP DRAWINGS FROM THE VENDORS/INSTALL PRIOR TO ELECTRICAL ROUGH-IN. CONTRACTOR SHALL COORDINATE, PROVIDE AND INSTALL ALL REQUIRED RACEWAYS AND DEVICE BACK BOXES AS REQUIRED BY VENDOR SHOP DRAWINGS. CONTRACTOR TO PROVIDE A LINE ITEM ALLOWANCE IN BID AS NECESSARY TO COVER THIS SCOPE. REFER TO T SERIES AND A SERIES DRAWINGS FOR ADDITIONAL REQUIREMENTS.

Autodesk Docu/16406.24 - HCA - Lee's Summit Medical Center (LSMCT) 1/23/2025 - USMC TEMP KITCHEN - R03.rvt  
6/30/2025 11:19:21 AM  
A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.  
Notes of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule.



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 www.devenneygroup.com



IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER, THEY ARE TO BE CONSIDERED PRELIMINARY AND ARE NOT TO BE USED FOR CONSTRUCTION OR RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION BY WSP USA BUILDINGS INC. UNDER REG. 305 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1996 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION HELD BY WSP IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSION OF CONSTRUCTION OF BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

**MODULAR  
 INTERIM  
 KITCHEN  
 COMPLEX**

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

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

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

AGENCY APPROVALS:  
 AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
1	ASH-001 - DESIGN COORDINATION	2025/10/21

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

FLOOR PLAN - LEVEL 01 -  
 POWER

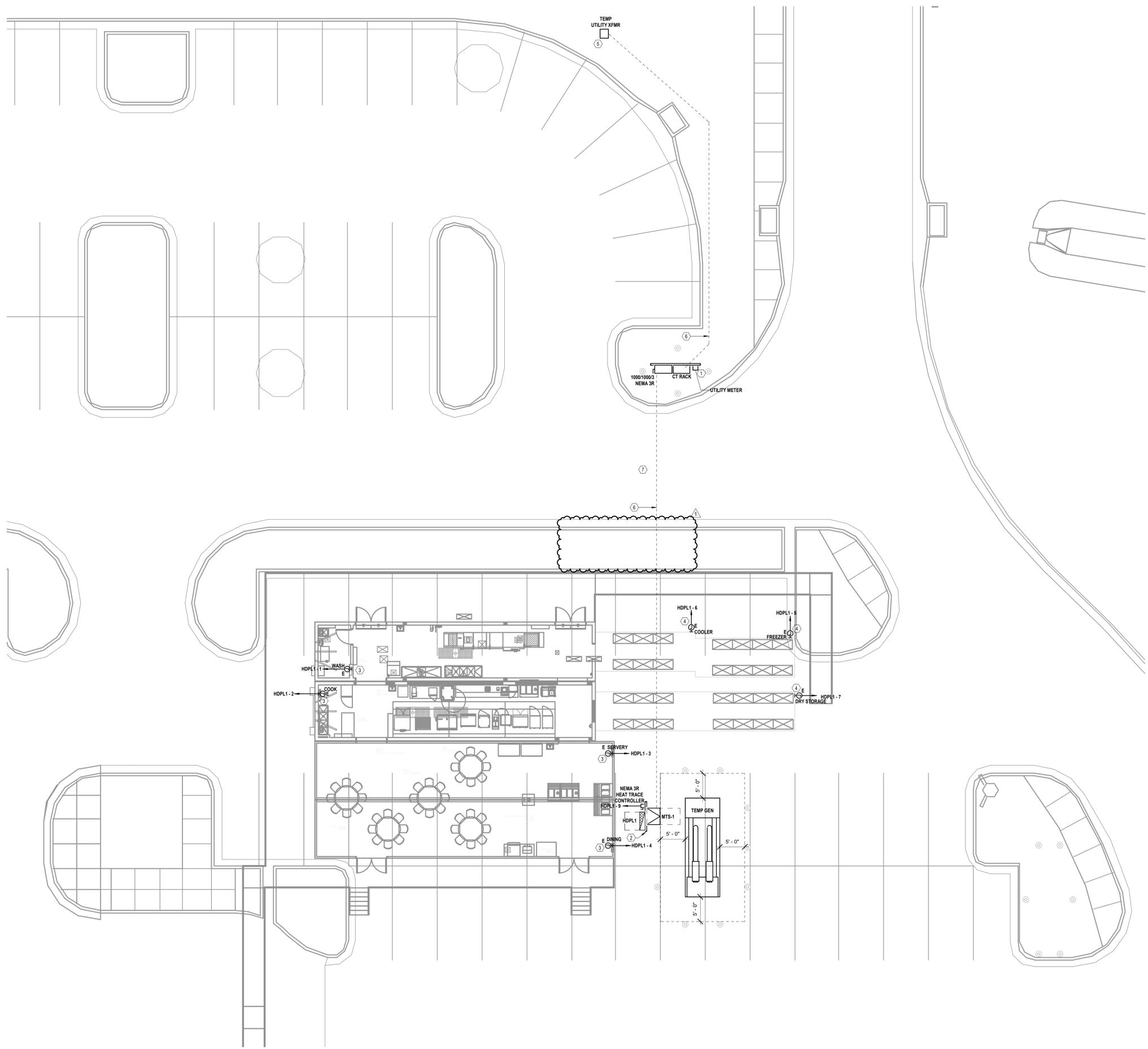
E02-01

**GENERAL NOTES**

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

**LEGEND NOTES**

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



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

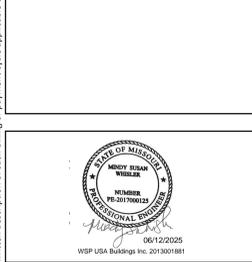
10/21/2025 8:20:35 AM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)\_rv23/MEP\_LSMC TEMP KITCHEN\_R03.rvt Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

**GENERAL NOTES**

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF ALL WIRING DEVICES
- B. REFER TO SHEET E03-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
- C. REFER TO SHEET E03-01 FOR LIGHT FIXTURE SCHEDULE
- D. CONTRACTORS SHALL USE P.M.C. TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. P.M.C. ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS



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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:  
097240009  
FACILITY NUMBER 2

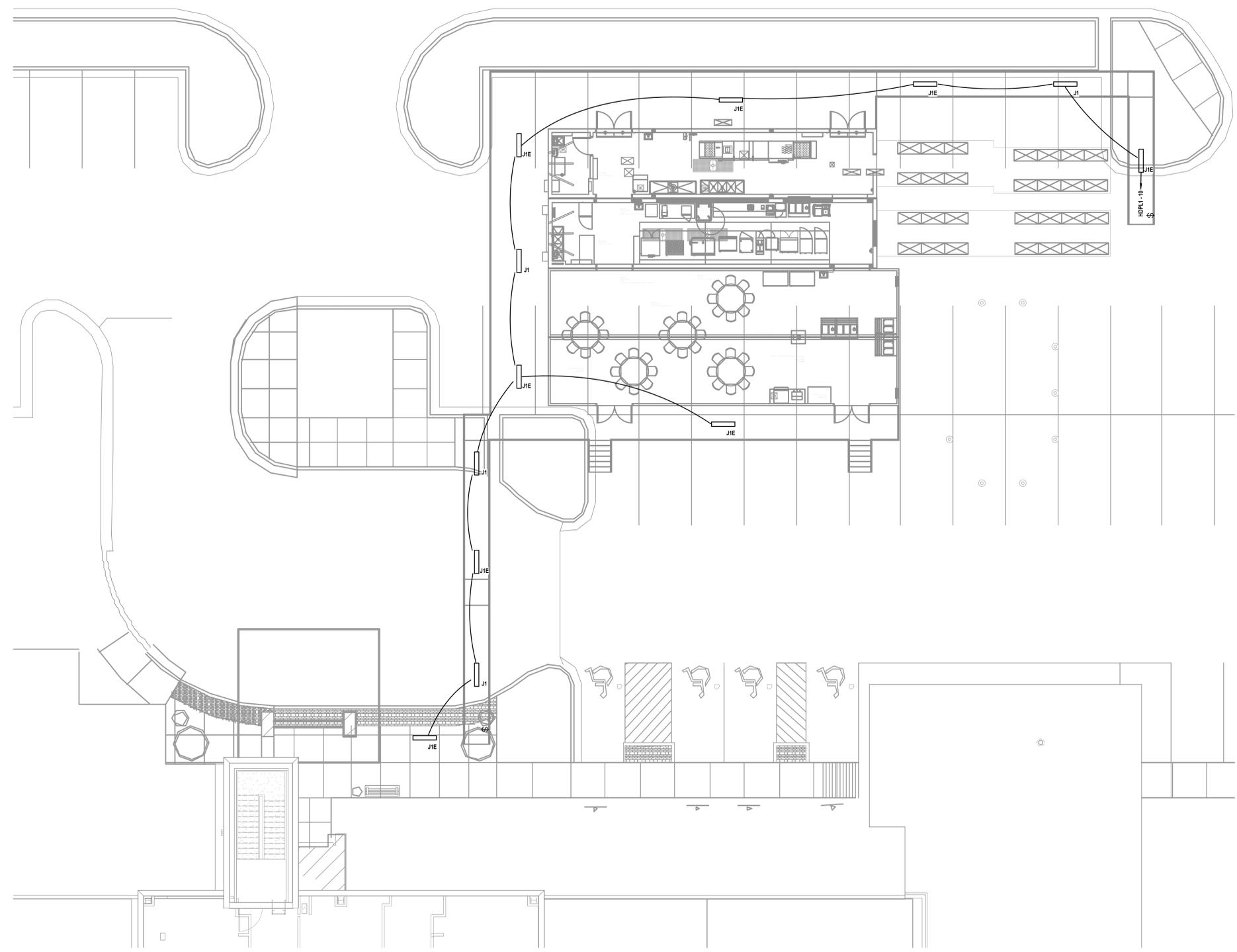
AGENCY APPROVALS:  
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

**FLOOR PLAN - LEVEL 01 -  
LIGHTING**

**E03-01**



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

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## MODULAR INTERIM KITCHEN COMPLEX

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

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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:  
CITY OF LEE'S SUMMIT BUILDING DEPT.  
AHJ PROJECT-CASE NUMBER 2  
FACILITY NUMBER:  
0972400009  
FACILITY NUMBER 2

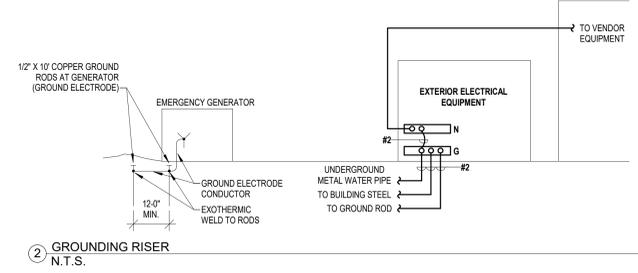
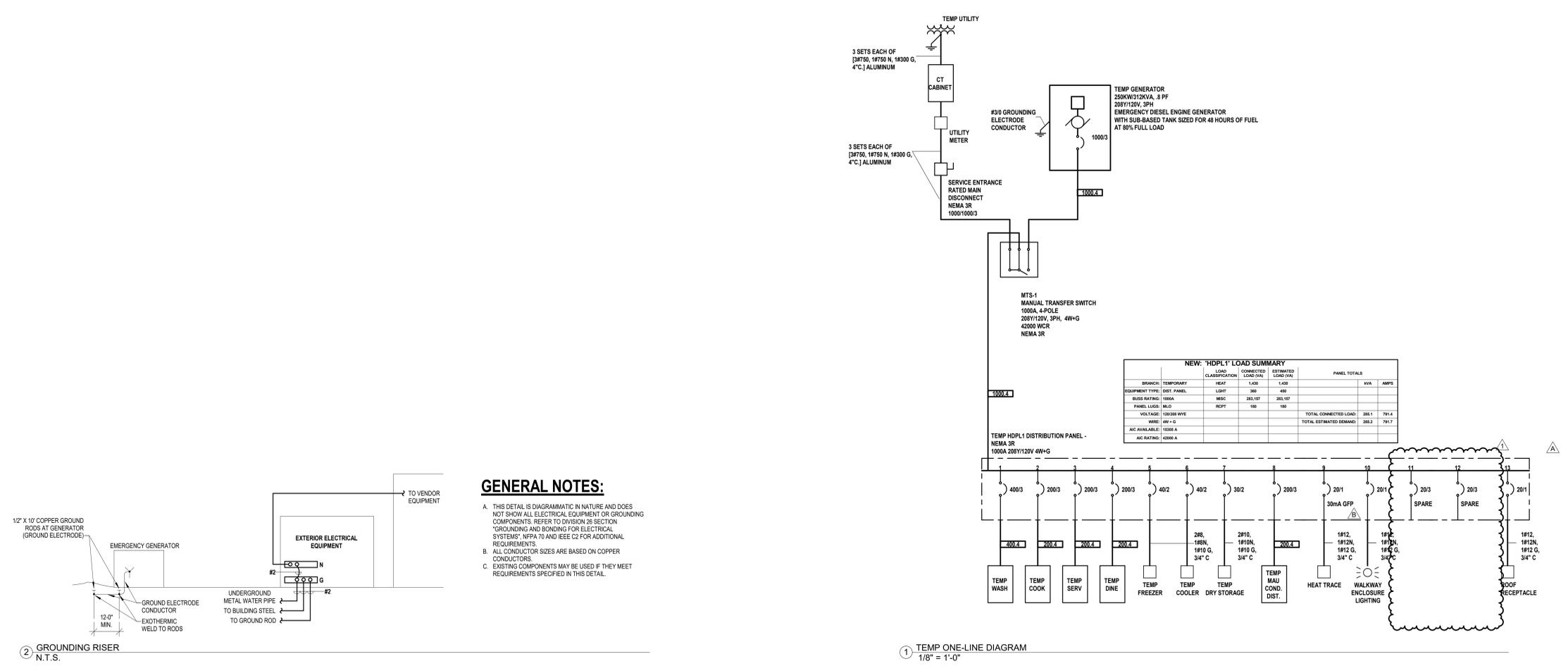
AGENCY APPROVALS:  
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY 2ND REVIEW	2025/07/03
B	DESIGN COORDINATION	2025/07/03
1	ASH-001 - DESIGN COORDINATION	2025/10/21

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

### ONE LINE DIAGRAM - ELECTRICAL

E06-00



- GENERAL NOTES:**
- THIS DETAIL IS DIAGRAMMATIC IN NATURE AND DOES NOT SHOW ALL ELECTRICAL EQUIPMENT OR GROUNDING COMPONENTS. REFER TO DIVISION 26 SECTION "GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS" (NFPA 70) AND IEEE C6 FOR ADDITIONAL REQUIREMENTS.
  - ALL CONDUCTOR SIZES ARE BASED ON COPPER CONDUCTORS.
  - EXISTING COMPONENTS MAY BE USED IF THEY MEET REQUIREMENTS SPECIFIED IN THIS DETAIL.

1 TEMP ONE-LINE DIAGRAM  
1/8" = 1'-0"

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**GENERAL NOTES**

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

**Devenney GROUP**  
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6900 East Camelback Road  
Suite 500  
Scottsdale, AZ 85251  
T: 602.943.8950  
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Consultant:  
**WSP**



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**MODULAR INTERIM KITCHEN COMPLEX**  
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2100 SE BLUE PKWY, LEE'S SUMMIT, MO 64063

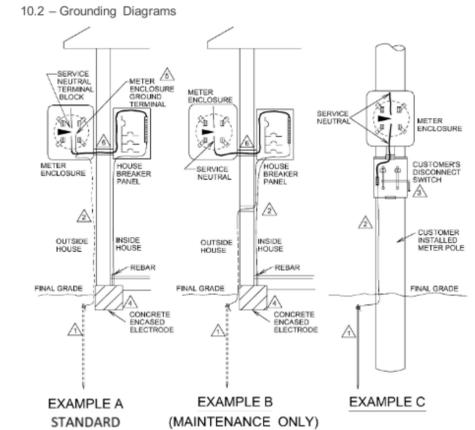
AUTHORITY HAVING JURISDICTION:  
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AUTHORITY HAVING JURISDICTION'S PROJECT NO:  
AHJ PROJECT-CASE NUMBER  
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FACILITY NUMBER:  
097240009  
FACILITY NUMBER 2  
AGENCY APPROVALS:  
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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SCALE: N.T.S.  
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REVIEWED: Checker  
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**DETAILS - ELECTRICAL**

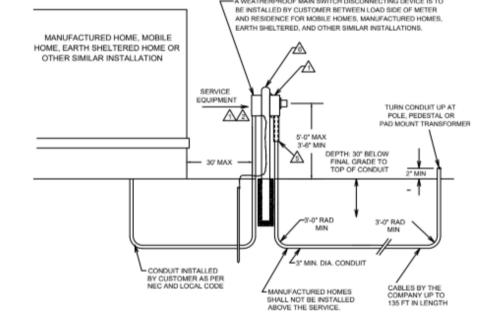
**E07-01**



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



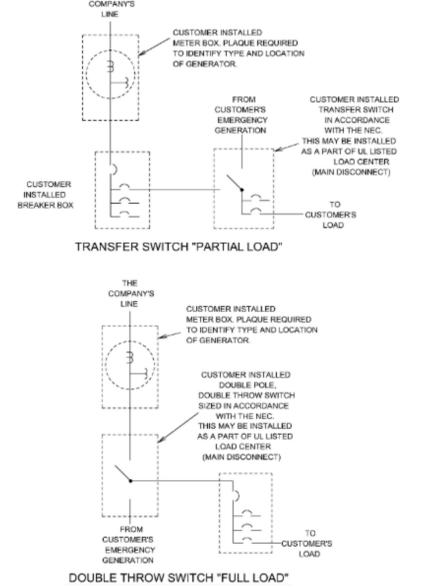
10.23 - Service to Mobile and Earth Sheltered Homes



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



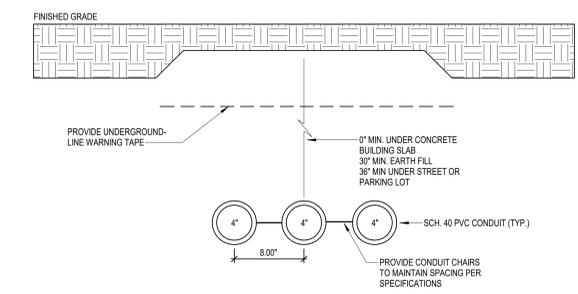
10.39 - Standby Generation



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



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



1 DIRECT BURY FEEDER DETAIL  
N.T.S.

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### ELECTRICAL LUMINAIRE FIXTURE SCHEDULE

TYPE	DESCRIPTION	LOCATION	HOUSING	PHYSICAL DESCRIPTION				ELECTRICAL SPECIFICATIONS										MANUFACTURER INFORMATION	
				REFLECTOR	SHIELDING	FINISH	MOUNTING	COLOR TEMP.	LAMP	LUMENS	HOURS	VA	UNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER	REMARKS	
J1	4'-0" LED LOW PROFILE LENSED STRIPLIGHT WITH DROP LENS FOR 10% UPLIGHT	ENCLOSED WALKWAY	20 GA. HEAVY DUTY STEEL HOUSING	N/A	COLD ROLLED STEEL	WHITE FINISH, PAINTED AFTER FABRICATION	SURFACE	4,000	LED	3,000	50000	30	EACH	LED DRIVER - LINEAR DIMMING (0-10V DOWN TO 1%)	120	LITHONIA	AZL1D.L48.3000LM.FST.MVOLT.40K.80CRI		
J1E	SIMILAR TO TYPE J1 WITH BATTERY BACK UP	ENCLOSED WALKWAY	20 GA. HEAVY DUTY STEEL HOUSING	N/A	COLD ROLLED STEEL	WHITE FINISH, PAINTED AFTER FABRICATION	SURFACE	4,000	LED	3,000	50000	30	EACH	LED DRIVER - LINEAR DIMMING (0-10V DOWN TO 1%)	120	LITHONIA	AZL1D.L48.3000LM.FST.MVOLT.40K.80CRI.E10W		

### COPPER FEEDER SCHEDULE 600V MAX.

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

### ALUMINUM FEEDER SCHEDULE 600V MAX.

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

NOTE: \* SCHEDULE 80, WHERE PERMITTED BY SPECIFICATIONS, SHALL BE INCREASED ONE CONDUIT SIZE FROM THE SIZE INDICATED IN THE FEEDER DESCRIPTION ABOVE.



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## MODULAR INTERIM KITCHEN COMPLEX

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

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

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

FACILITY NUMBER:  
097240009  
FACILITY NUMBER 2

AGENCY APPROVALS:  
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE: 05/19/25  
SCALE: N.T.S.  
DRAWN: Author  
REVIEWED: Checker  
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SCHEDULES - ELECTRICAL

# E08-01

Autodesk Doc: /6406.24 - HCA - Lee's Summit Medical Center (LSMC) /REV2/MEP\_LSMC\_TEMP\_KITCHEN\_R03.rvt 6/17/2025 4:11:04 PM Note of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.



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## GENERAL INFORMATION - TECHNOLOGY

TOO-00

### TECHNOLOGY GENERAL NOTES:

- CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR PROPOSAL AND BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED. AND CORRELATE THEIR SITE OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. INCONSISTENCIES DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER AT ONCE, BEFORE SUBMITTAL OF BID PROPOSAL.
- ALL COMMUNICATIONS PRODUCTS AND INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MATERIALS AND METHODS FOR COMMUNICATIONS CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, AND COMPLY WITH ALL NATIONAL, STATE, AND MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY.
- CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND COORDINATED SYSTEM.
- UNLESS OTHERWISE NOTED ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND U.L. LISTED OR LABELED. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND LISTINGS OR LABELING REQUIREMENTS AND RESTRICTIONS. PROVIDE SUBMITTAL DATA AS DEPICTED IN THE COMMUNICATIONS SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL OF ALL COMMUNICATIONS MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND APPROVED. NO WORK IS AUTHORIZED WITHOUT SHOP DRAWINGS REVIEWED BY ENGINEER.
- REFER TO AND COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES AND EQUIPMENT.
- REFER TO AND COORDINATE WITH DIVISION 23 AND 26 FOR THE LOCATION OF ALL ITEMS LOCATED IN THE CEILING INCLUDING, BUT NOT LIMITED TO SUPPLY-AIR DIFFUSERS, RETURN-AIR DIFFUSERS AND FIRE SPRINKLER HEADS.
- ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. 483 "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR FIRE RATED WALL LOCATIONS.
- CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL OUTAGES WITH OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL WARRANTY WORK FOR ONE (1) YEAR FROM THE COMPLETION OF THE PROJECT AND PROVIDE OWNER WITH AS-BUILT DRAWINGS.
- SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT AND/OR DEVICES OF A PARTICULAR MANUFACTURER. WHETHER INDICATED OR NOT, THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
- ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.
- DEVICES LOCATED WITHIN MECHANICAL/ELECTRICAL SPACES AND/OR CENTRAL UTILITY PLANT SHALL BE INSTALLED IN CONDUIT PATHWAYS FROM DEVICE LOCATION TO ACCESSIBLE CEILING SPACE WITHIN THE NEAREST CORRIDOR OR DIRECTLY TO IDF ROOM. CONDUIT PATHWAY MAY BE COMBINED INTO A JUNCTION POINT AND ROUTED THROUGH LARGER CONDUIT WHERE APPLICABLE. CONDUITS SHALL BE SIZED AT 40% FILL CAPACITY AT TIME OF INSTALLATION.
- COMMUNICATIONS/LOW-VOLTAGE/SECURITY CABLING SHALL BE RATED FOR THE ENVIRONMENT THAT IT IS TO BE INSTALLED (CMP - PLENUM RATED SPACES, CMR - NON-PLENUM RATED SPACES, OUTDOOR RATED CABLING, ETC.) WHERE APPLICABLE.
- ALL UNDER SLAB OR IN-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GROUND WATER, RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM THE CONDUITS PRIOR TO PLACEMENT OF COMMUNICATIONS CABLES. SEE ELECTRICAL SPECIFICATIONS, DETAILS AND PLANS FOR ADDITIONAL CONDUIT SEALING REQUIREMENTS.
- ALL CONDUIT STUBS AND/OR EMT SLEEVES SHALL BE FITTED WITH PLASTIC PROTECTIVE BUSHINGS. BUSHINGS SHALL BE RATED FOR THE ENVIRONMENT THEY ARE TO BE INSTALLED.
- ALL COMMUNICATIONS/LOW-VOLTAGE/SECURITY CONDUITS SIZED 2" OR LARGER SHALL HAVE A MINIMUM BEND RADIUS OF 4x OF THE INSIDE DIAMETER FOR ALL ELBOWS. ALL CONDUIT 2" OR SMALLER SHALL HAVE A MINIMUM BEND RADIUS OF 10x OF THE INSIDE DIAMETER FOR ALL ELBOWS.
- CONDUITS 2" AND SMALLER GENERALLY DO NOT APPEAR ON DRAWINGS EXCEPT FOR SPECIFIC CONDITIONS, BUT ARE REQUIRED. REFER TO CONTRACT DOCUMENTS INCLUDING SCHEDULES, SHEET NOTES, DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER. WHETHER INDICATED OR NOT, THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.

OUTLET SYMBOLS LEGEND		
ALL SYMBOLS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.		
# = DESIGNATES CABLE/JACK COUNT FOR DEVICE		
SYMBOL	DESCRIPTION	MTG. HEIGHT (UNO (NOTE 1))
#	HOSPITAL DATA NETWORK ONLY OUTLET	18" AFF
W OR W	VOICE AND/OR DATA OUTLET, WALL PHONE STYLE FACEPLATE. 1 VOICE/DATA CABLE, PROVIDE DOUBLE GANG BACK BOX, 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
WAP	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

- VOICE/DATA NOTES:**
- VOICE, DATA, AND/OR COMBINATION 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.
  - 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.
  - 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 SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.			
SYMBOL	DESCRIPTION	BACK BOX	MTG. HEIGHT (UNO (NOTE 1))
	M= MOUNTING TYPE T= TECHNOLOGY (CAMERA TYPE)		CEILING OR WALL MOUNT
ZZZ	C- CEILING M- MULLION FE- PENDANT T- TURNSTILE	D- DESK P- POLE R- RACK W- WALL	F- FLUSH PA- PARAPET S- SURFACE CO- CORNER ZZZ = FIELD OF VIEW
M	STATIONARY CAMERA E- ENVIRONMENTAL P- POE F- FISHEYE	C- COVERT D- DOME V- VANDAL RESISTANT	AS RECD.

**VIDEO SURVEILLANCE NOTES:**

- REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.
- REFER TO FLOOR PLANS FOR DEVICE LOCATION LAYOUT.
- REFER TO ENLARGED COMM ROOM LAYOUT AND TYPICAL EQUIPMENT RACK LAYOUTS FOR EXACT PLACEMENT OF HEADEND EQUIPMENT.

ABBREVIATIONS	
ACP	ACCESS CONTROL PANEL
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AHU	AUTHORITY HAVING JURISDICTION
AMP	OVERHEAD PAGING AMPLIFIER
AV	AUDIO VISUAL DEVICE/EQUIP (COORDINATE OUTLET INSTALLATION WITH AV VENDOR)
BAS/BMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BMS VENDOR)
BFC	BELOW FINISHED CEILING
BVC	BIBI YIEWING CAMERA DEVICE
CAB	CABINET
CCI	WALL MOUNTED "CCR" WORKSTATION (IF APPLICABLE)
CLK	WALL CLOCK
CPU	COMPUTER WORKSTATION
CT	CABLE TRAY
CT	DISTRIBUTED ANTENNA SYSTEM
DAS	DEMARCATION ROOM
DEMARC	DEMARCATION ROOM
DIA	DIAMETER
EMT	ELECTRICAL METAL TUBING
EQ	EQUIPMENT
EV	ELECTRIC VEHICLE CHARGING STATION
EXIST	EXISTING
FM	FETAL MONITORING
HUGS	INFANT PROTECTION SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME (SEE TDR)
INFO	INFORMATION MONITOR
LV	LOW VOLTAGE
LV	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME (SEE TEC)
MEDS	MEDICATION DISTRIBUTION EQUIPMENT
MFR	MANUFACTURER
MIN	MINIMUM
MON	MONITOR
NA	NOT APPLICABLE
NC	NURSE CALL
NOT	NOT TO SCALE
OR INT	OPERATING ROOM INTEGRATION EQUIPMENT (COORDINATE INSTALLATION WITH OR INT. VENDOR)
PACS	PACS VIEWING STATION
PM	PHYSIOLOGICAL/PATIENT MONITORING
PROX	WALL MOUNTED "PROXIMITY SYSTEMS" WORKSTATION (IF APPLICABLE)
PTS	PNEUMATIC TUBE SYSTEM (COORDINATE OUTLET INSTALLATION WITH PTS VENDOR)
PTV	PATIENT TELEVISION
REAL-TIME	REAL-TIME LOCATING SYSTEM
TC	EMPLOYEE TIME CLOCK
TDR	TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF)
TEC	TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF)
TELE	TELEMETRY SYSTEM
TRK	TRACKER MONITOR
TV	TELEVISION
UNO/UNO	UNLESS NOTED OTHERWISE/UNLESS OTHERWISE NOTED
W	WALL PHONE
WAP	WIRELESS ACCESS POINT
WRP	WEATHERPROOF
WRK	WALL MOUNTED WORKSTATION ON ARM

### TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE

SYSTEM	EQUIPMENT			CABLING					ROUGH IN					GROUNDING CONNECTION TO TGB BY	
	EQUIPMENT FURNISHED BY	EQUIPMENT INSTALLED BY	TEST/CERTIFIED BY	CABLE FURNISHED BY	CABLE INSTALLED BY	CABLE TERMINATIONS BY	LABELLED BY	TEST/CERTIFIED BY	CONDUIT SLEEVES BY (NOTE 2)	CONDUIT PATHWAYS BY (NOTE 3)	PRE-MANUFACTURED FIRE SLEEVE BY (NOTE 4)	BACK BOXES PROVIDED BY (NOTE 5)	BACK BOXES INSTALLED BY (NOTE 5)		FLOORWALL CORES/SLEEVES BY (NOTE 6)
<b>IT&amp;S SYSTEMS - VOICE/DATA</b>															
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/IDR)	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/IDR)	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
<b>SECURITY SYSTEMS</b>															
NVR/DVR	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
SURVEILLANCE CAMERAS/MOUNTS/LICENSES	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
NETWORK SWITCHES	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
PATCH CORDS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ELECTRONIC ACCESS CONTROL SYSTEM	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A
DOOR HARDWARE	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	N/A	DIV 26	DIV 26	DIV 26	N/A	N/A
WIRELESS PANIC BUTTON (IF APPLICABLE)	PB	PB	PB	N/A	N/A	N/A	PB	PB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WIRED PANIC BUTTON (IF APPLICABLE)	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
INFANT PROTECTION	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	N/A
INTRUSION DETECTION	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
EMERGENCY (BLUE) PHONE	GC	GC	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26	DIV 27	DIV 26	DIV 26	N/A	DIV 26
INTERCOM	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A

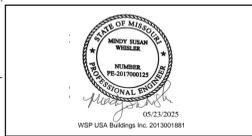
- NOTES:**
- ALL SYSTEMS SHOWN MAY NOT BE PRESENT IN PROJECT. REFER TO FLOOR PLANS FOR SYSTEMS INCLUDED IN PROJECT.
  - INCLUDES CONDUIT SLEEVES. NOT TO EXCEED 18 INCHES IN LENGTH, THROUGH Gypsum PARTITIONS. SLEEVES EXCEEDING 18" IN LENGTH SHALL BE PROVIDED BY DIV 26 CONTRACTOR.
  - INCLUDES CONDUIT PATHWAY EXCEEDING 18 INCHES IN LENGTH. INCLUDES ALL NECESSARY CONNECTIONS, PULL BOXES, AND PLASTIC BUSHINGS.
  - INCLUDES PRE-MANUFACTURED FIRE SLEEVE SYSTEMS.
  - INCLUDES REQUIRED CONDUIT STUBS UP TO ABOVE ACCESSIBLE CEILING SPACE.
  - INCLUDES SLEEVES THROUGH CONCRETE/MASONRY WALLS REQUIRING CORING OR LEAVE-OUTS.
  - 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.
  - 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.
  - VOICE/DATA WORKSTATION & MEDICAL EQUIPMENT DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:  
A. PDS  
B. COPIERS  
C. WIRELESS ACCESS POINTS  
D. SCANNERS  
E. ULTRA SOUND MACHINE  
F. PRINTERS NETWORK, LASER, MULTIFUNCTION, LAB, SCRIPT, ETC.)  
G. TRACKER MONITORS  
H. TELEPHONE SETS  
I. LAB EQUIPMENT (STERILIZERS, ETC.)  
J. ADDITIONAL MEDICAL EQUIPMENT
  - FAX MACHINES  
M. TIME CLOCK (EMPLOYEE)  
N. MED DISPENSERS  
O. POINT OF USE (POU) SCANNER

- 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
  - NA - NOT APPLICABLE
  - TEC - TELECOMMUNICATIONS EQUIPMENT ROOM / MDF
  - TDR - TELECOMMUNICATIONS DISTRIBUTION ROOM / IDF

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FLOOR PLAN - LEVEL 01 - COMMUNICATIONS

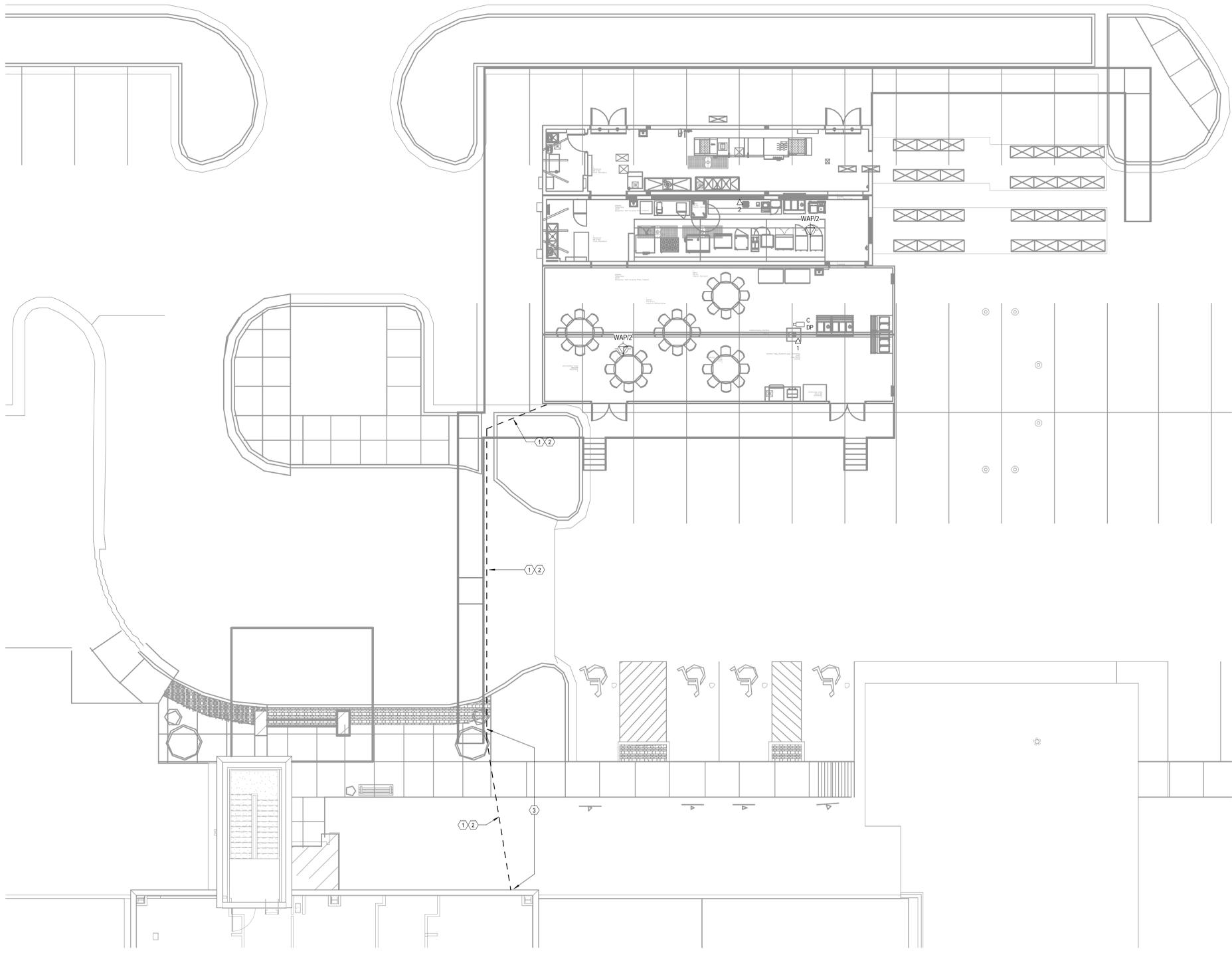
T02-01

### GENERAL NOTES:

- REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.
- REFER TO SHEET T02-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.
- ALL DEVICES WITHIN ROOMS CONTAINING HARD PAN CEILINGS SHALL HAVE CONDUITS ROUTED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
- 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 DAILY CHANNING OF BACK BOXES ALLOWED UNLESS OTHERWISE NOTED.
- ALL CABLEING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.
- FOR ALL WALL MOUNTED MONITORS (TRACKERS, INFO, SECURITY, PATIENT, ETC.), CONTRACTOR SHALL COORDINATE AV BACKBOX LOCATION AND MOUNTING HEIGHT WITH VENDOR PROVIDED MOUNTING BRACKET PRIOR TO ROUGH IN.
- CEILING MOUNTED VIDEO SURVEILLANCE CAMERAS SHALL BE PROVIDED WITH A 15' CABLE SERVICE LOOP ABOVE CEILING AT CAMERA END.

### LEGEND NOTES

- 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.
- 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.
- A CODE COMPLIANT RAMP COVER (ELASCO PART# M2200, 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.



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

Autodesk Docs / 6406.24 - HCA - Lee's Summit Medical Center (SMC) - LV23/01E2 / SMC - TEMP KITCHEN - 023.rvt 5/20/2025 3:51:45 PM Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.









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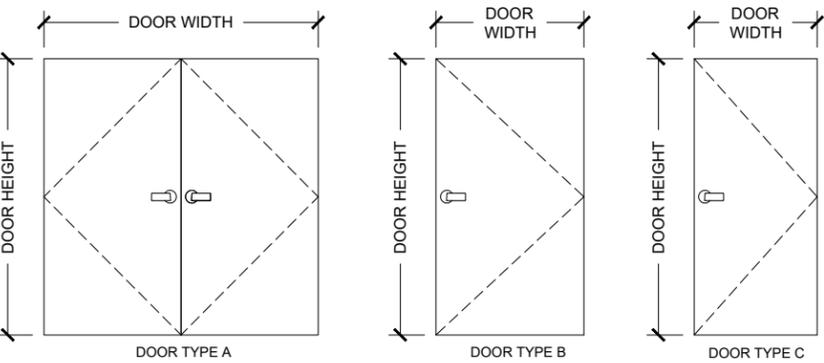
SUBMITTAL SET

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

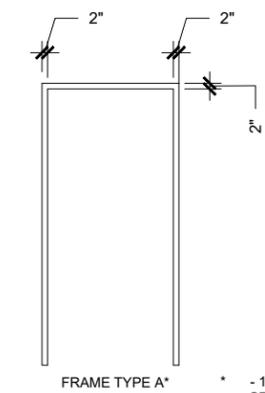
Door Schedule & Egress Plan

Sheet  
**G-003**

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



**DOOR TYPES**



**FRAME TYPE**

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

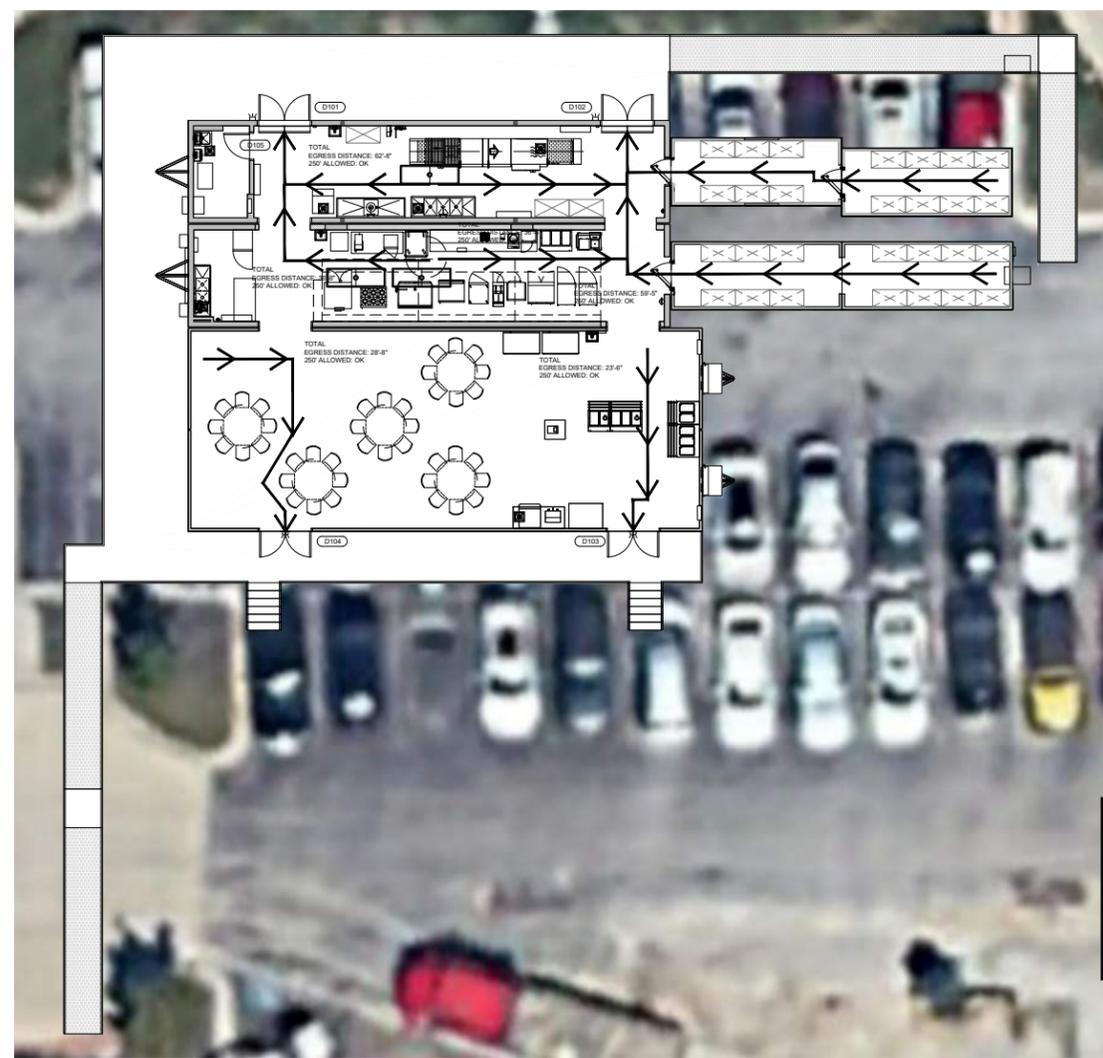
**EXTERIOR HOLLOW METAL DOOR CRITERIA:**  
 GAGE: 18, GALVANEALD  
 FIRE LABELING: NONE SPECIFIED  
 SIZE: VARIES  
 CONSTRUCTION: POLYSTYRENE FOAM INSULATED  
 PREPARED FOR SVR EXIT DEVICES WITH LEVER TRIMS. REINFORCED FOR DOOR CLOSER  
 EXTERIOR HOLLOW METAL DOOR LEAF COUNT: 2 EACH  
 U-FACTOR: 0.37

**FINISH HARDWARE:**  
 ONE LOT OF FINISH HARDWARE INCLUDING:  
 6 EACH - HINGES, BALL BEARING WITH NON-REMOVABLE PINS  
 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

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



**MISSOURI  
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RELEASE FOR CONSTRUCTION  
 AS NOTED ON PLANS REVIEW  
 DEVELOPMENT SERVICES  
 Lee's Summit, MISSOURI  
 12/17/2025 9:05:43

**EQUIPMENT SCHEDULE:**

CS = CLIENT SUPPLIED EQUIPMENT

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

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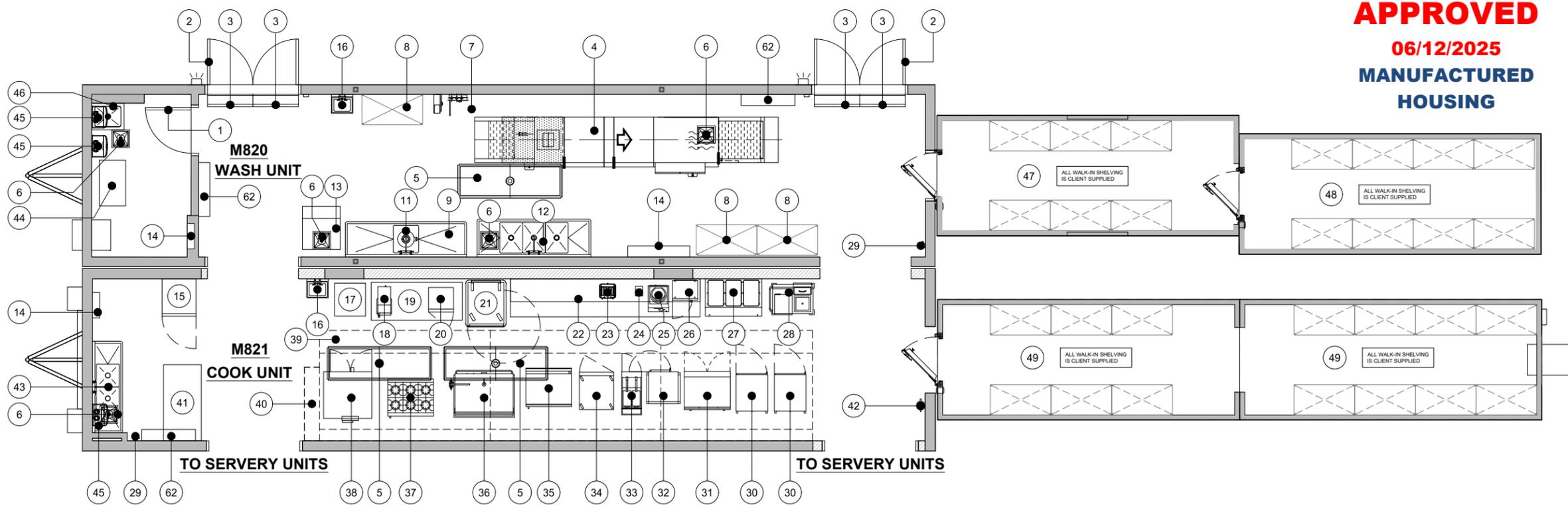
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**NOTE:**  
 ADA COMPLIANT RAMPS, STAIRS, PLATFORMS,  
 HANDRAILS AND GENERAL ACCESS TO THE  
 BUILDING BY KTG ON SITE.

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

SUBMITTAL SET

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

**Interior Floor Plan &  
 Equipment List**

Sheet  
**I-101A**



RELEASE FOR CONSTRUCTION  
 AS NOTED ON PLANS REVIEW  
 DEVELOPMENT SERVICES  
 Lee's Summit, MISSOURI  
 12/17/2025 9:05:43

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6	Floor Sink	X		28	Heated Plate Dispenser	X		50	Open Air Merchandiser	X	
7	Hose Bib With 10' Hose And Nozzle Sprayer	X		29	Fire Extinguisher - "ABC" Type	X		51	Fountain Beverage Machine		X
8	Storage Rack - 48" x 24"		X	30	Hot Holding Cabinet	X		52	Cash Register		X
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16	Hand Sink W/ Eye Wash Station	X		38	Dual Stack Convection Oven	X		60	Not Used		
17	Food Delivery Cart		X	39	Stainless Steel Exhaust Hood - Type 1 (Grease)	X		61	Not Used		
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20	Countertop Freezer		X	42	Fire Extinguisher - "K" Type	X		64	Wall Storage Cabinet	X	
21	Airscreen Reach-In Refrigerator		X	43	2 Compartment Sink	X		65	Point of Use Water Heater	X	
22	Stainless Steel Work Table With Undershef And Overshef (30"x150")		X	44	Booster Heater	X					

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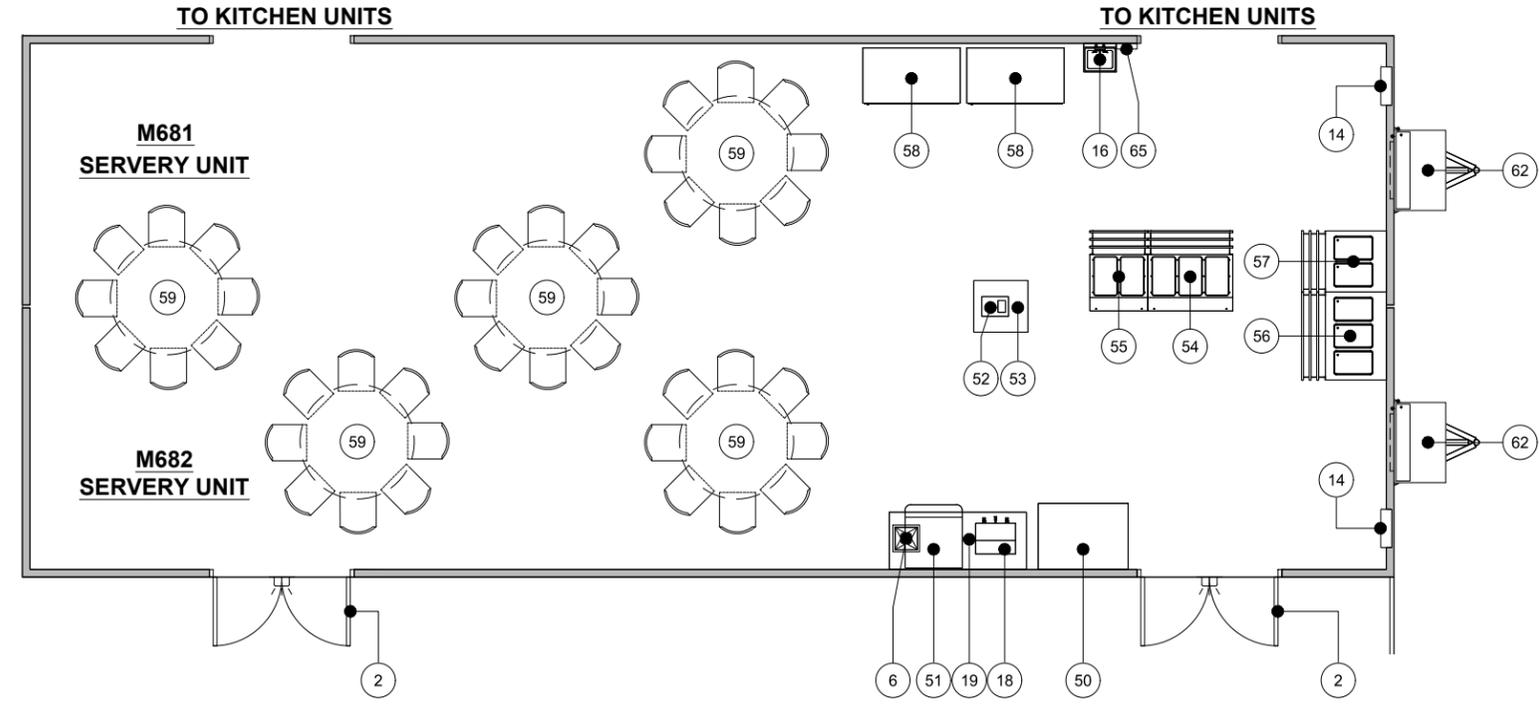
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**NOTE:**  
 ADA COMPLIANT RAMPS, STAIRS, PLATFORMS,  
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 BUILDING BY KTG ON SITE.

SUBMITTAL SET

REV.	DATE	DESCRIPTION	NAME
DELTA -	REV -		
Drawn By:	Approved By:		
MMS	-		
QUOTE NUMBER	UNIT NUMBER		
L24-050	M820, M821, M681, M682		
11x17 SCALE: 1/8"=1'-0"			
22x34 SCALE: 1/4"=1'-0"			
<b>Interior Floor Plan &amp; Equipment List</b>			

Sheet  
**I-101B**





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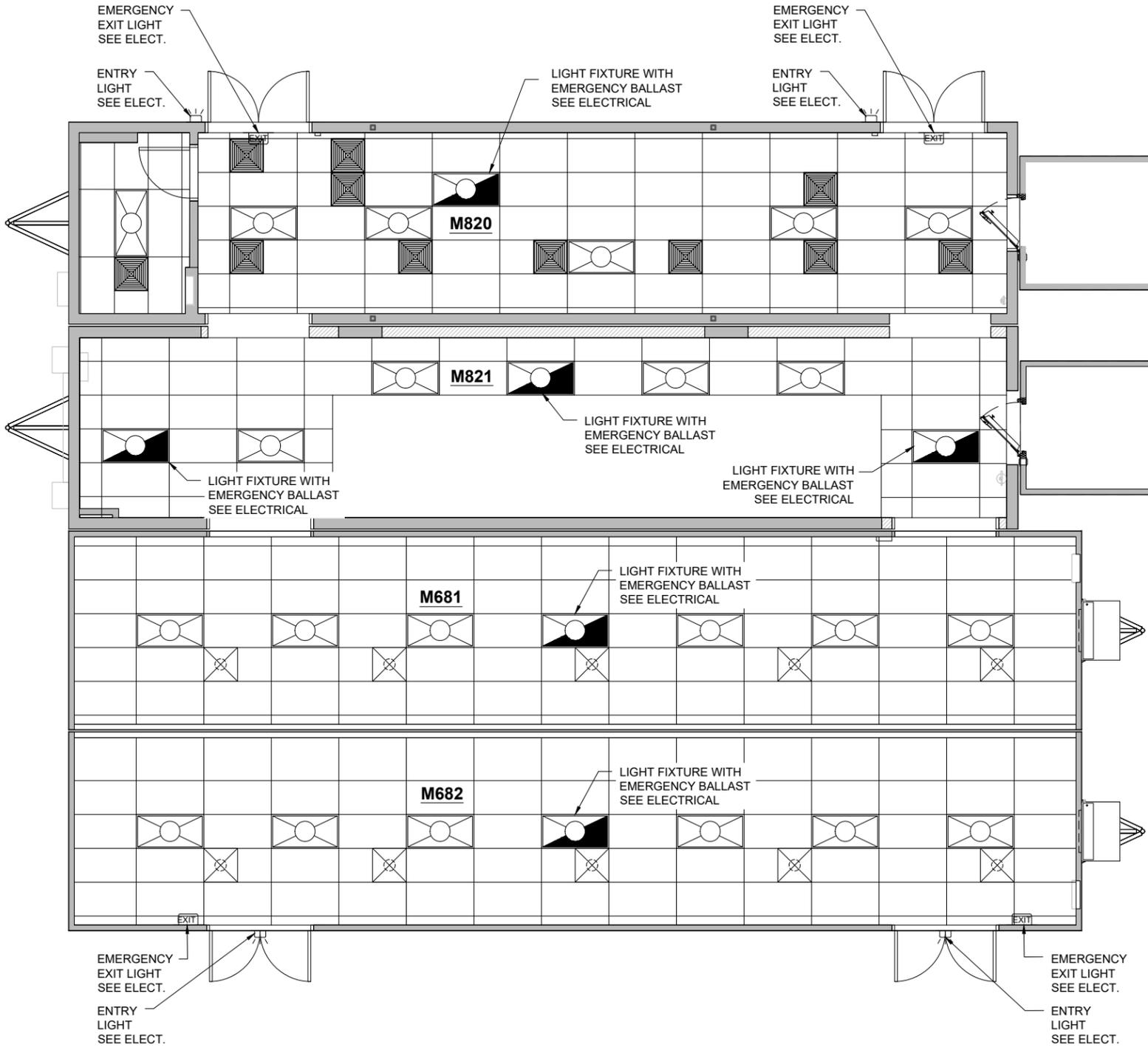
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ELECTRICAL LEGEND	
	24' X 48" LIGHT FIXTURE
	24' X 48" LIGHT FIXTURE WITH EMERGENCY BALLAST
	EXT. ENTRY LIGHT
	EMERGENCY EXIT LIGHT
	VAPOR PROOF LIGHT/ HOOD LIGHT

REV.	DATE	DESCRIPTION	NAME
<b>DELTA - REV -</b>			
Drawn By: MMS		Approved By: -	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: 1/8"=1'-0" 22x34 SCALE: 1/4"=1'-0"			
<b>Reflected Ceiling Plan</b>			
Sheet			<b>I-102</b>

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MEP LOADS										
P.O.C.	UNIT	PHASE	VOLTS	PANEL SIZE	MAIN BREAKER SIZE	ESTIMATED LOAD (AMPS)	NATURAL GAS		WATER POC	WASTE POC
							BTU/H	POC		
1	Cook (M821)	3	120/208	200	200	137	931,900	2-1/2"	1"	See note 9
2	MUA 1	3	120/208				213,310	1"		1" see note 4
3	MUA 2	3	120/208				478,859	1"		1" see note 4
4	Dist. Panel for MUA1 & MUA 2	3	120/208	200 (See note 7&8)	200	107				
5	Wash (M820)	3	120/208	400	400	271	743,000	1-1/2"	1-1/2"	See note 9
6	Walk-in Freezer	1	120/208		40	32				3/4" see note 4
7	Walk-in Cooler	1	120/208		40	32				3/4" see note 4
8	Dry Storage	1	120/208		30	24				3/4" see note 4
9	Serving (M681)	3	120/208	200	200	95				3/4" see note 4
10	Dining (M682)	3	120/208	200	200	90				3/4" see note 4
<b>TOTAL</b>						<b>788</b>	<b>2,387,069</b>			

- 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 provide 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 MUA 1, MUA 2 & 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).
- These are estimations only, requirements may change per project specifics.  
 Data, Phone, Security and Fire Alarm by others

# PROPANE PROJECT

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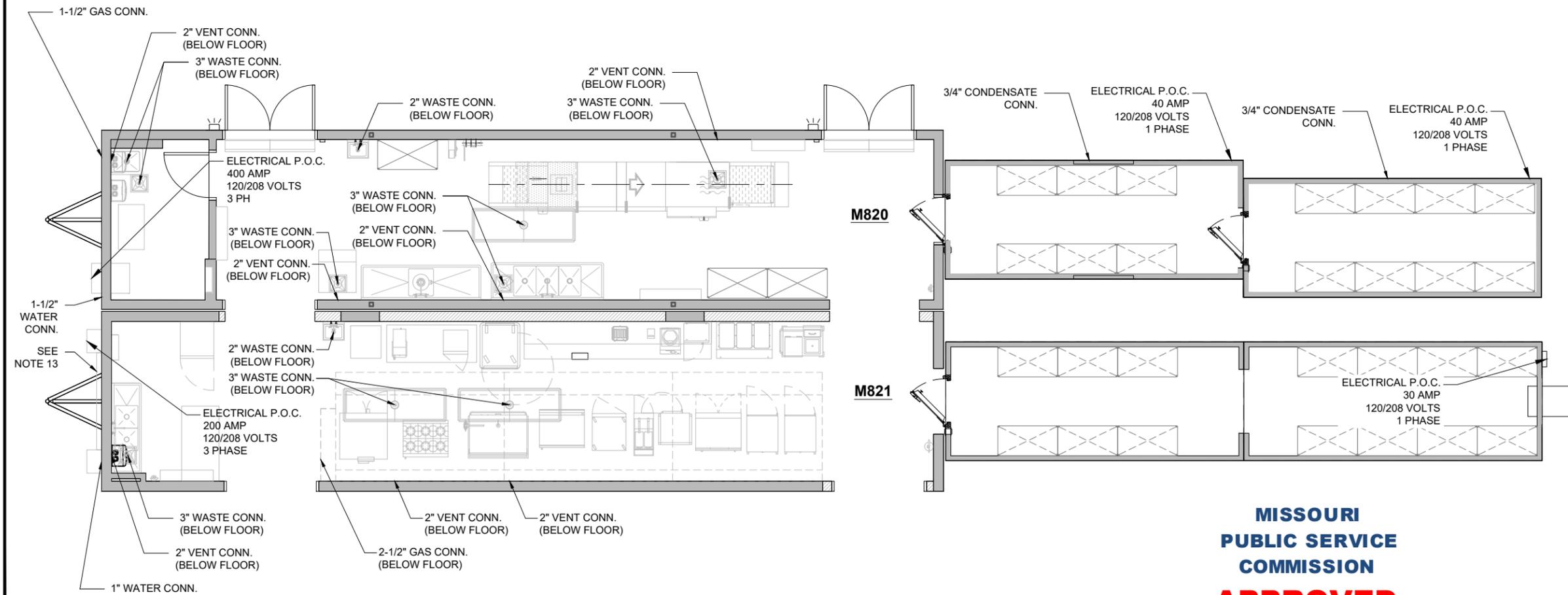
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**FDBY LEE'S SUMMIT MEDICAL CENTER**  
 ---  
 2100 SE Blue Pkwy  
 Lee's Summit, MO 64063



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



**SUBMITTAL SET**

REV.	DATE	DESCRIPTION	NAME
<b>DELTA - REV -</b>			
Drawn By: MMS		Approved By: -	
QUOTE NUMBER: L24-050	UNIT NUMBER: M820, M821, M681, M682		
11x17 SCALE: 1/8"=1'-0"			
22x34 SCALE: 1/4"=1'-0"			
<b>Kitchen Complex Utilities Floor Plan</b>			
Sheet <b>A-103A</b>			

RELEASE FOR CONSTRUCTION  
 AS NOTED ON PLANS REVIEW  
 DEVELOPMENT SERVICES  
 Lee's Summit, MISSOURI  
 12/17/2025 9:05:44

MEP LOADS										
P.O.C.	UNIT	PHASE	VOLTS	PANEL SIZE	MAIN BREAKER SIZE	ESTIMATED LOAD (AMPS)	NATURAL GAS		WATER POC	WASTE POC
							BTU/H	POC		
1	Cook (M821)	3	120/208	200	200	137	931,900	2-1/2"	1"	See note 9
2	MUA 1	3	120/208				213,310	1"		1" see note 4
3	MUA 2	3	120/208				478,859	1"		1" see note 4
4	Dist. Panel for MUA1 & MUA 2	3	120/208	200 (See note 7&8)	200	107				
5	Wash (M820)	3	120/208	400	400	271	743,000	1-1/2"	1-1/2"	See note 9
6	Walk-in Freezer	1	120/208		40	32				3/4" see note 4
7	Walk-in Cooler	1	120/208		40	32				3/4" see note 4
8	Dry Storage	1	120/208		30	24				3/4" see note 4
9	Serving (M881)	3	120/208	200	200	95				3/4" see note 4
10	Dining (M882)	3	120/208	200	200	90				3/4" see note 4
<b>TOTAL</b>						<b>788</b>	<b>2,387,069</b>			

- 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 provide 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 MUA 1, MUA 2 & 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).
- These are estimations only, requirements may change per project specifics.  
 Data, Phone, Security and Fire Alarm by others

# PROPANE PROJECT

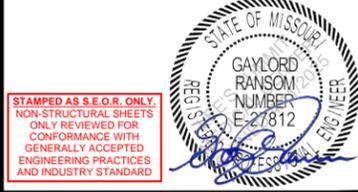
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 PUBLIC SERVICE  
 COMMISSION**  
**APPROVED**  
 06/12/2025  
**MANUFACTURED  
 HOUSING**

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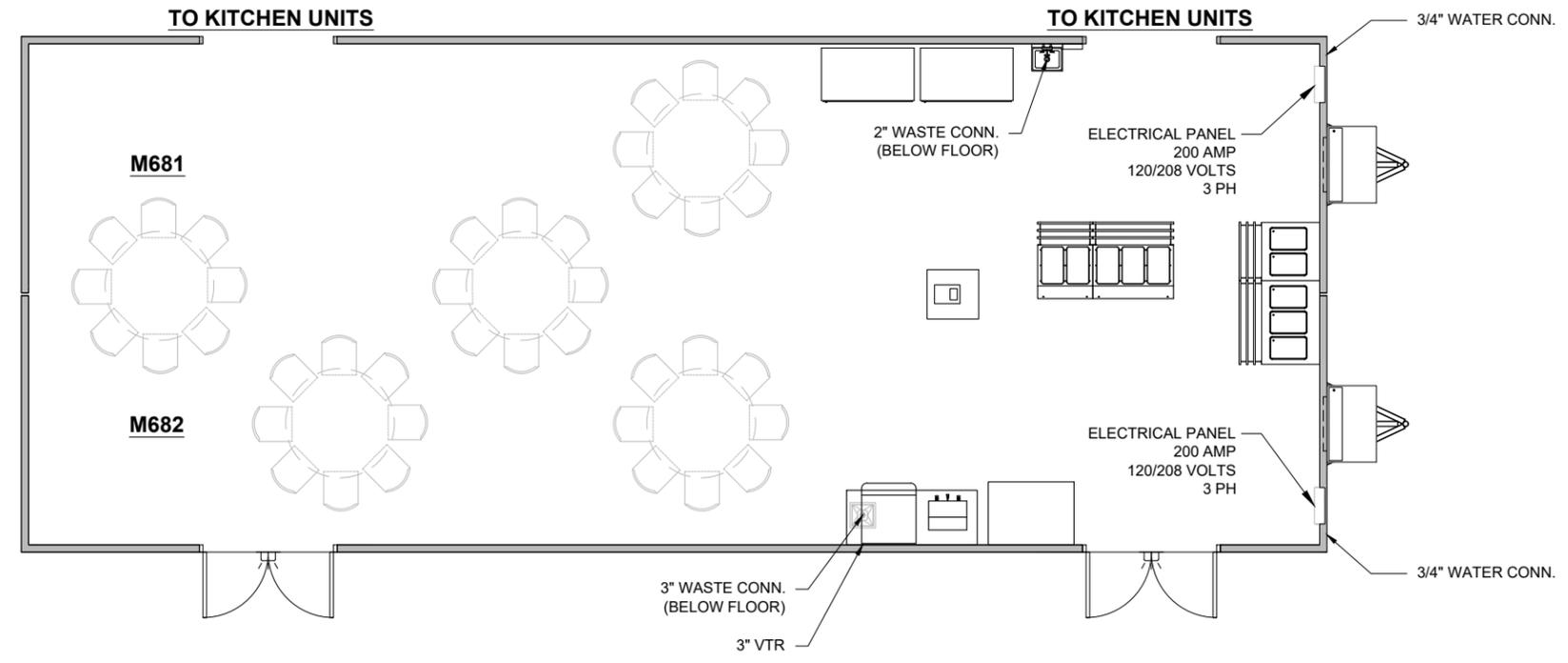
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**FDBY LEE'S SUMMIT  
 MEDICAL CENTER**  
 ---  
 2100 SE Blue Pkwy  
 Lee's Summit, MO 64063



**SUBMITTAL SET**

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

**Servery Complex Utilities  
 Floor Plan**

Sheet  
**A-103B**

RELEASE FOR CONSTRUCTION  
 AS NOTED ON PLANS REVIEW  
 DEVELOPMENT SERVICES  
 LEE'S SUMMIT, MISSOURI  
 12/17/2025 9:05:44

MEP LOADS										
P.O.C.	UNIT	PHASE	VOLTS	PANEL SIZE	MAIN BREAKER SIZE	ESTIMATED LOAD (AMPS)	NATURAL GAS		WATER POC	WASTE POC
							BTU/H	POC		
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9	Serving (M681)	3	120/208	200	200	95				3/4" see note 4
10	Dining (M682)	3	120/208	200	200	90				3/4" see note 4
<b>TOTAL</b>						<b>788</b>	<b>2,387,069</b>			

- KEY NOTES**
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- These are estimations only, requirements may change per project specifics.  
 Data, Phone, Security and Fire Alarm by others

# PROPANE PROJECT

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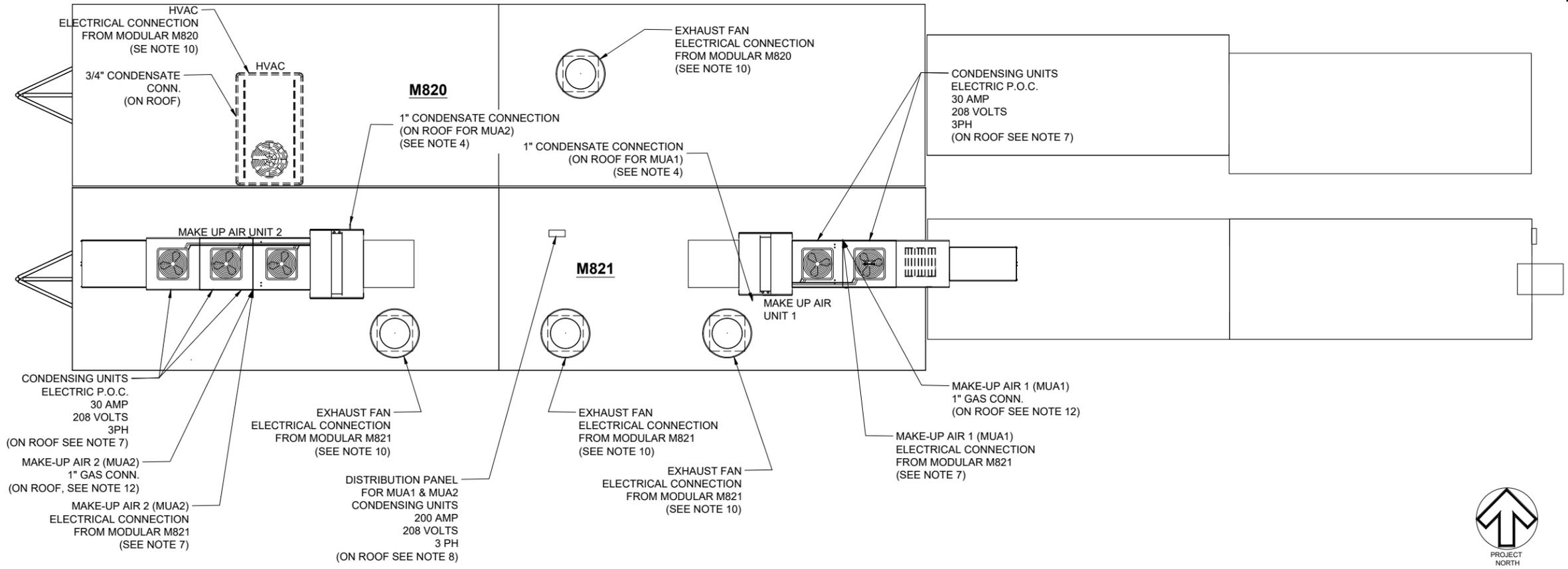
**FDBY LEE'S SUMMIT  
 MEDICAL CENTER**  
 ---  
 2100 SE Blue Pkwy  
 Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME

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

**Kitchen Complex Utilities Roof Plan**

Sheet  
**A-103C**



**SUBMITTAL SET**







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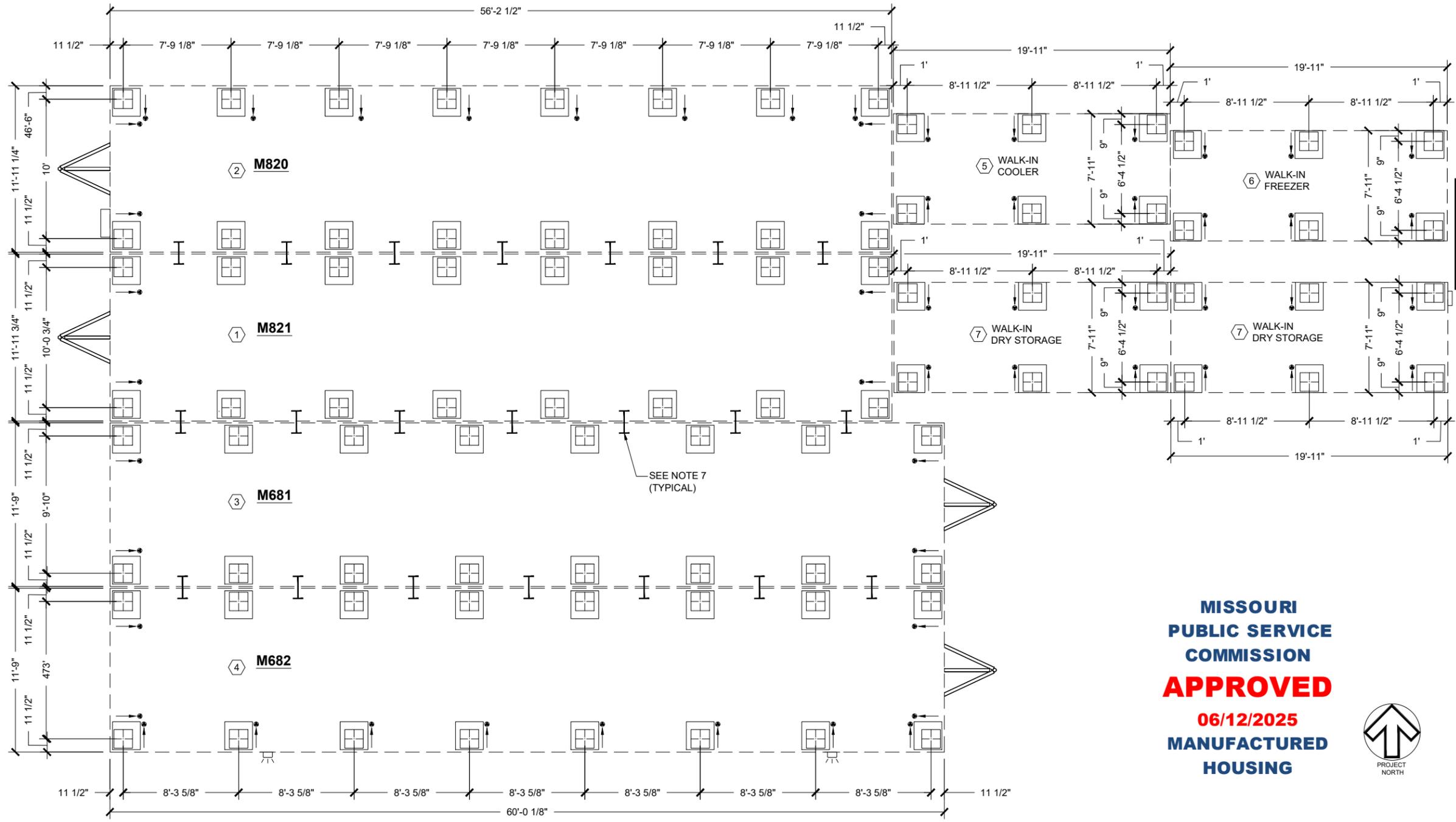
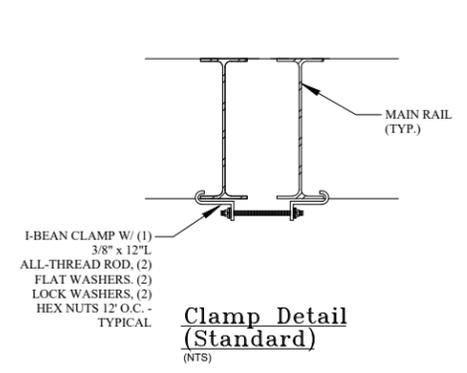
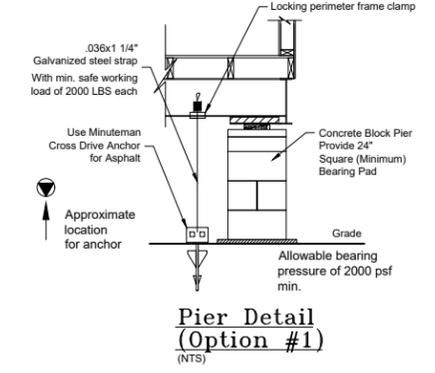
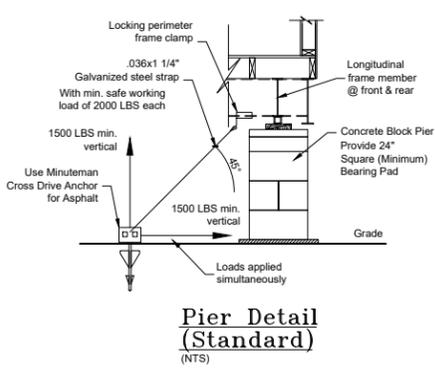
REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By: MMS		Approved By:	
QUOTE NUMBER L24-050		UNIT NUMBER M820, M821, M681, M682	
11x17 SCALE: 1/8"=1'-0"			
22x34 SCALE: 1/4"=1'-0"			
Pier Plan			
Sheet			

A-104

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

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



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 COMMISSION  
**APPROVED**  
 06/12/2025  
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APPROVED BY CLIENT

BY:

DATE:



FDBY LEE'S SUMMIT  
 MEDICAL CENTER

2100 SE Blue Pkwy  
 Lee's Summit, MO 64063

T.R. ARNOLD & ASSOCIATES, INC.  
 470 Chester Drive  
 Elkhart, IN 46516  
 Missouri  
 State(s)  
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ELECTRICAL SYMBOL LEGEND

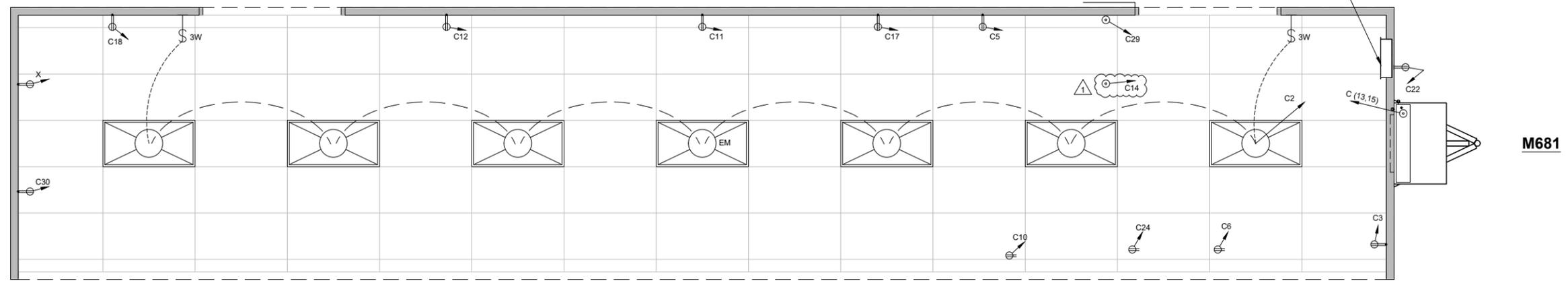
	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS
	EMERGENCY BATTERY BACKUP
	4' - 4 TUBE FLUORESCENT FIXTURE
	4' - 3 TUBE FLUORESCENT FIXTURE
	SINGLE OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - SURFACE MOUNTED
	FOURPLEX OUTLET - FLUSH MOUNTED
	FOURPLEX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

NOTES:

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

MISSOURI  
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ELECTRICAL PANEL "C"  
 200 AMP  
 120/208 VOLTS  
 3 PH



SUBMITTAL SET

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

**DELTA 1 | REV 1**

Drawn By: MMS  
 Approved By: -

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

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

**Electrical Floor Plan Schematic**

Sheet  
**(M681) E-101**

4/25/2025 12:22:57 PM

NOTES:

- 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. FITTINGS 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.

LEE SUMMIT MEDICAL CENTER																
200 AMP 120/208VOLTS 4 WIRE 60HZ 3PH M881 - C																
AWG	COLOR	ITEM	TYPE LOAD	P	AMPS	CIRC.	PHASE			P	AMPS	CIRC.	TYPE LOAD	ITEM	AWG	COLOR
							A	B	C							
12	B	SPACE	K	1	20	1	0	800						LIGHTS	12	B
12	R	5 WELL COLD FOOD TABLE 57	K	1	20	3			1020	0				SPACE		
12	BL	BEVERAGE COOLER 1 58	K	1	20	5				1020	1500			3 WELL HOT FOOD TABLE 54	12	BL
		SPACE				7	0	0						SPACE		
		SPACE				9								CASH REGISTER 52	12	R
12	BL	RECEPT	R	1	20	11			1200	1200				RECEPT	12	BL
4	B	HVAC 5T/15KW	H	2	90	13	8840	600						HEAT TAPE	12	B
4	R	"	H	-	90	15			8840	0				SPACE		
12	BL	BEVERAGE COOLER 2 58	K	1	20	17				1020	1200			RECEPT	12	BL
		SPACE				19	0	0						SPACE		
		SPACE				21				0	1200			SERVICE RECEPTACLE	12	R
		SPACE				23				0	996			2 WELL HOT FOOD TABLE 55	12	BL
		SPACE				25	0	0						SPACE		
		SPACE				27				0	0			SPACE		
12	BL	WATER HEATER	K	1	20	29				1800	1200			RECEPT	12	BL
							8840	1400	9960	1600	5040	6096				
							10240		11460		11136					
							CONN. VA	DEMAND FACTOR	DEMAND VA							
TOTAL KITCHEN LOAD							=	7756	X	0.8	6204.8	LOAD TYPE KEY:				
TOTAL LIGHTING LOAD							=	800	X	1.25	1000.0	K = KITCHEN LOAD				
TOTAL NON-CONT. LOAD							=	0	X	1	0.0	L = LIGHTING LOAD				
TOTAL RECEPTACLE LOAD							=	6000	X	1	6000.0	NC = NON-CONTINUOUS LOAD				
TOTAL CONTINUOUS LOAD							=	600	X	1.25	750.0	R = RECEPTACLE LOAD				
TOTAL HVAC LOAD							=	17680	X	1	17680.0	CL = CONTINUOUS LOAD				
LARGEST MOTOR LOAD							=	0	X	1.25	0.0	H = HVAC LOAD				
TOTAL MISC. LOAD							=	0	X	1	0.0	LM = LARGEST MOTOR LOAD				
TOTAL VA PANEL "A"							=	32836			31634.8	M = MISC.				
TOTAL VA							=	32836			31634.8					
TOAL AMPS							=	91.1			87.8					
TOTAL=							32836	VA								
I =							91.1	AMPS								

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

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**T.R. ARNOLD & ASSOCIATES, INC.**  
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 Missouri  
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**FDBY LEE'S SUMMIT**  
**MEDICAL CENTER**  
 ----  
 2100 SE Blue Pkwy  
 Lee's Summit, MO 64063

**RELEASE FOR CONSTRUCTION**  
**AS NOTED ON PLANS REVIEW**  
**DEVELOPMENT SERVICES**  
**KITCHENS TO GO**  
**LEE'S SUMMIT, MISSOURI**  
**12/17/2025 9:05:44**  
*We Keep You Cooking!*

131 WEST JEFFERSON AVE.  
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1	04-25-25	Per Deviation Report	MMS
REV.	DATE	DESCRIPTION	NAME

**DELTA 1 | REV 1**  
 Drawn By: MMS  
 Approved By: -  
 QUOTE NUMBER: L24-050  
 UNIT NUMBER: M820, M821, M681, M682  
 11x17 SCALE: N/A  
 22x34 SCALE: N/A

**Electrical Panel Schedule(S)**  
 Sheet  
**(M681) E-601**

SUBMITTAL SET

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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



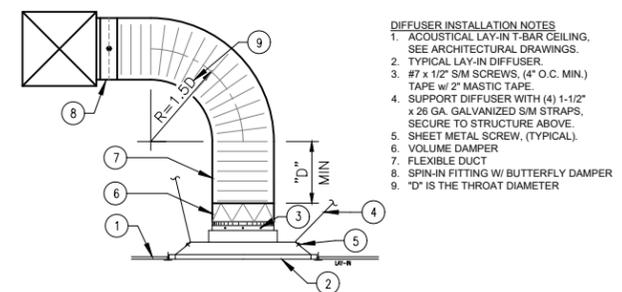
FDBY LEE'S SUMMIT  
MEDICAL CENTER  
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2100 SE Blue Pkwy  
Lee's Summit, MO 64063

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SUBMITTAL SET

REV.	DATE	DESCRIPTION	NAME

11x17 SCALE: 3/8"=1'-0"  
22x34 SCALE: 3/4"=1'-0"  
**HVAC Ducting Plan**  
Sheet  
**(M681) M-101**



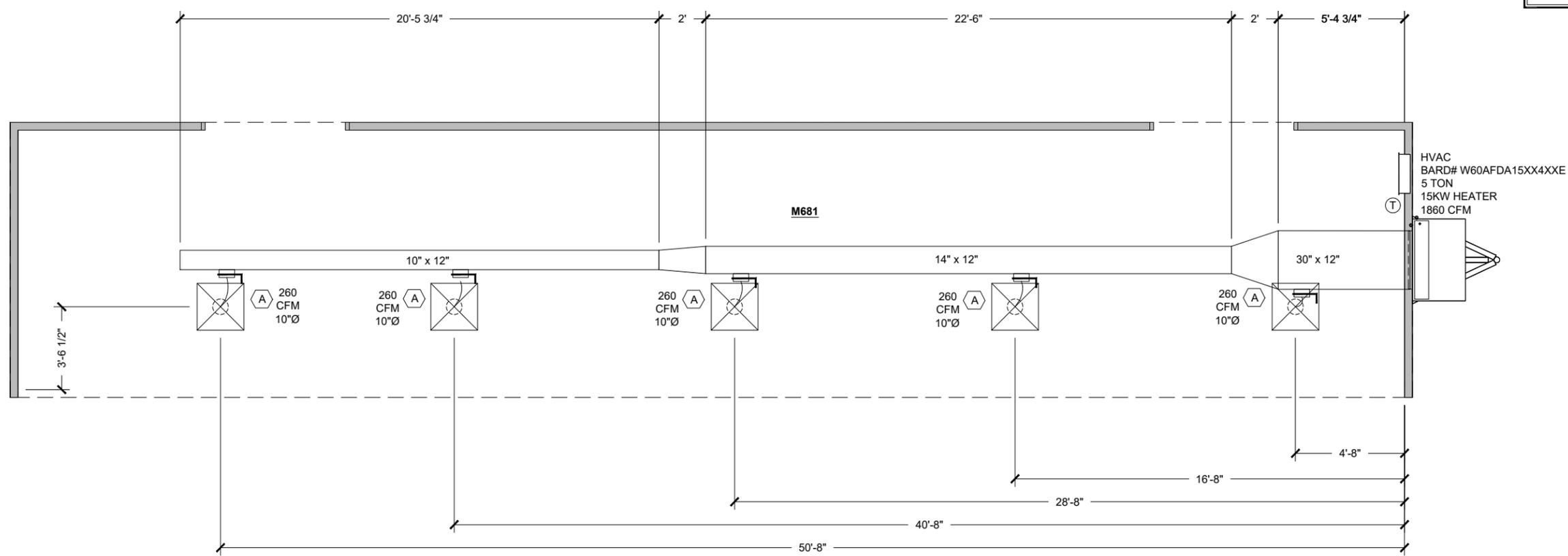
1 TYP. DIFFUSER INSTALLATION  
LAY-IN T-BAR MOUNTING NTS

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

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

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

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MEDICAL CENTER**  
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2100 SE Blue Pkwy  
Lee's Summit, MO 64063

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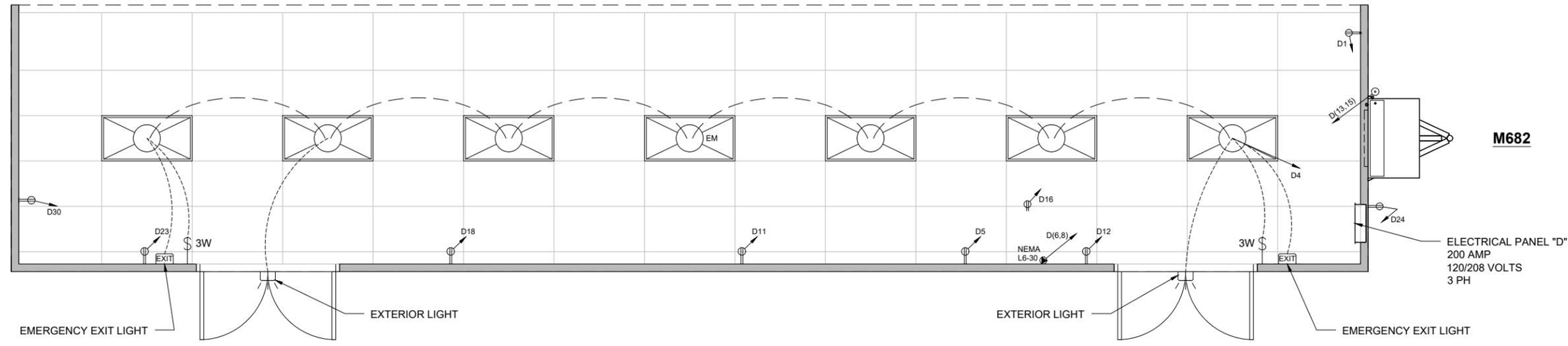
SUBMITTAL SET

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

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

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

**Electrical Floor Plan  
Schematic**  
Sheet  
**(M682) E-101**













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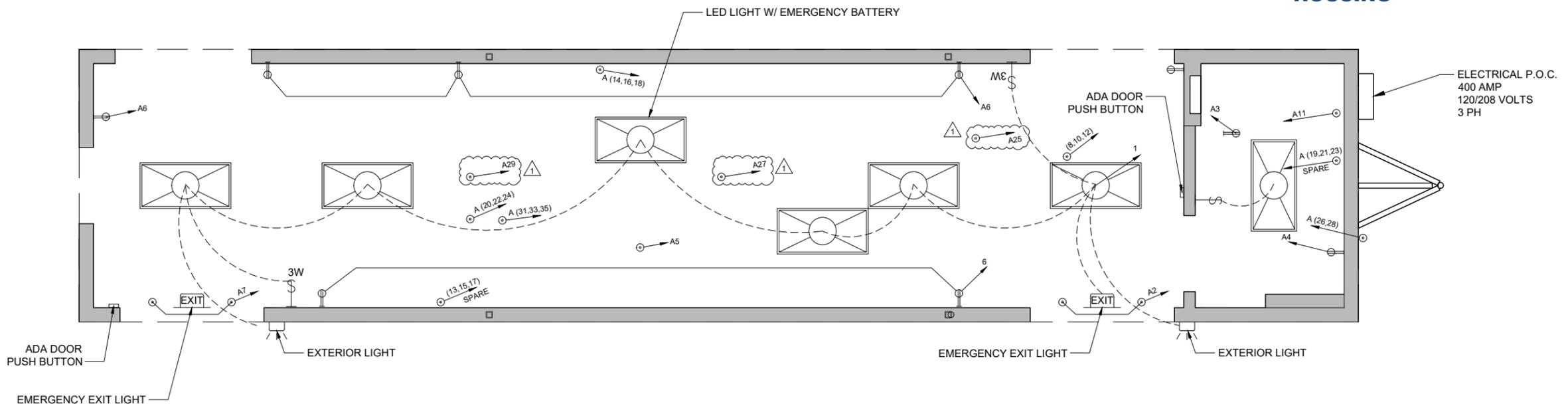
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ELECTRICAL SYMBOL LEGEND	
	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS
	EMERGENCY BATTERY BACKUP
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	FOURPLEX OUTLET - SURFACE MOUNTED
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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

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

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

**Electrical Floor Plan  
 Schematic**

Sheet  
**(M820) E-101**

NOTES:

- 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 DAMP 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.

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

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

4/25/2025 12:17:56 PM

**RELEASE FOR CONSTRUCTION**  
**AS NOTED ON PLANS REVIEW**  
**KITCHENS TO GO**  
**DEVELOPMENT SERVICES**  
**LEE'S SUMMIT, MISSOURI**  
**12/17/2025 9:05:46**  
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**FDBY LEE'S SUMMIT MEDICAL CENTER**  
 ---  
 2100 SE Blue Pkwy  
 Lee's Summit, MO 64063

SUBMITTAL SET

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

**DELTA 1 | REV 1**  
 Drawn By: MMS  
 Approved By: -  
 QUOTE NUMBER: L24-050  
 UNIT NUMBER: M820, M821, M681, M682  
 11x17 SCALE: N/A  
 22x34 SCALE: N/A

**Electrical Panel Schedule(S)**  
 Sheet  
**(M820) E-601**

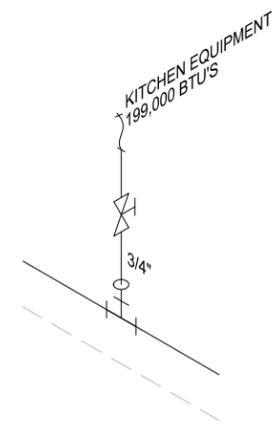






NOTES:

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



TYPICAL GAS CONNECTION  
 DETAIL

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

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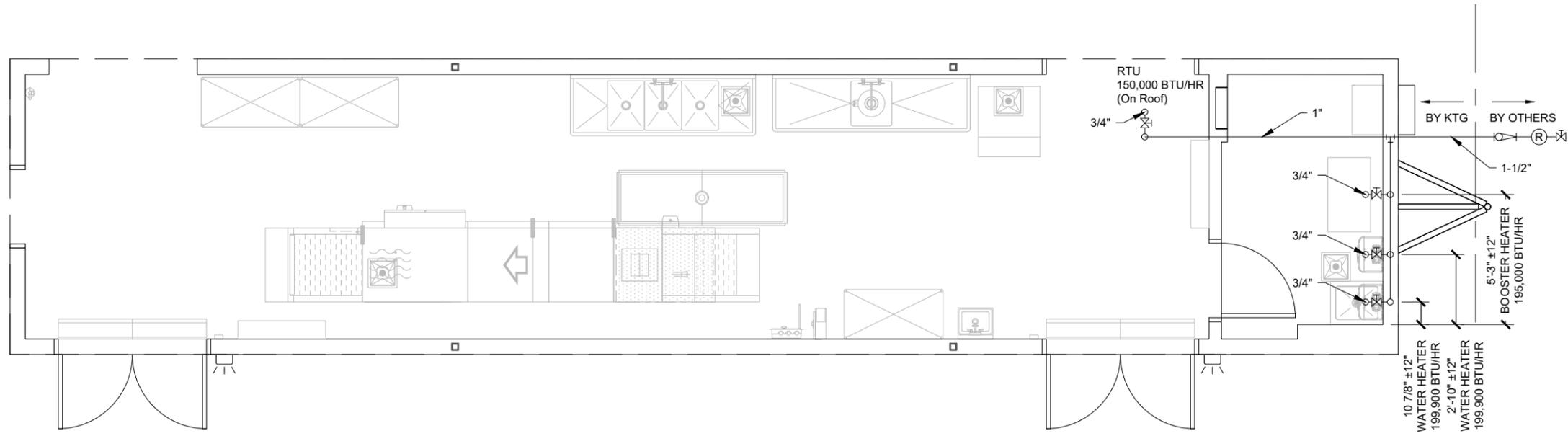
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**06/12/2025**  
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SUBMITTAL SET

REV.	DATE	DESCRIPTION	NAME

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

**Gas Plumbing Schematic**  
 Sheet  
**(M820) P-603**







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BY:

DATE:



FDBY LEE'S SUMMIT  
MEDICAL CENTER

2100 SE Blue Pkwy  
Lee's Summit, MO 64063

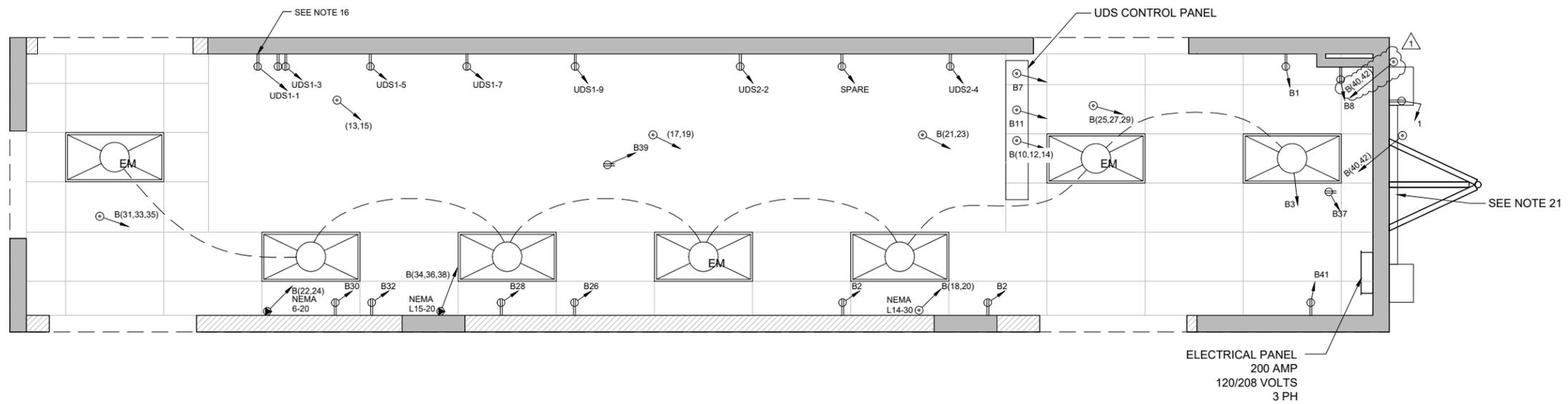
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ELECTRICAL SYMBOL LEGEND	
	4' - LED LIGHT FIXTURE
	24" X 48" LED (2) TUBE (LAY-IN) W/ PRISMATIC LENS
	EMERGENCY BATTERY BACKUP
	4' - 4 TUBE FLUORESCENT FIXTURE
	4' - 3 TUBE FLUORESCENT FIXTURE
	SINGLE OUTLET - FLUSH MOUNTED
	DUPLEX OUTLET - FLUSH MOUNTED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

NOTES:

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

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HOUSING



SUBMITTAL SET

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

**DELTA 1 | REV 1**

Drawn By: MMS  
Approved By: -

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

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

**Electrical Floor Plan  
Schematic**

Sheet  
**(M821) E-101**

NOTES:

- 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.

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

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**PUBLIC SERVICE**  
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SUBMITTAL SET

**RELEASE FOR CONSTRUCTION**  
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**KITCHENS TO GO**  
**DEVELOPMENT SERVICES**  
**LEE'S SUMMIT, MISSOURI**  
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1	04-25-25	Per Deviation Report	MMS
REV.	DATE	DESCRIPTION	NAME

**DELTA 1 | REV 1**

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

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

**Electrical Panel Schedule(S)**

Sheet  
**(M821) E-601**

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**06/12/2025**  
**MANUFACTURED HOUSING**

REV.	DATE	DESCRIPTION	NAME
DELTA -		REV -	
Drawn By:	MMS	Approved By:	-
QUOTE NUMBER	L24-050	UNIT NUMBER	M820, M821, M681, M682
11x17 SCALE: N/A 22x34 SCALE: N/A			
Electrical Panel Schedule(S)			
Sheet			
<b>(M821) E-602</b>			

LEE SUMMIT MEDICAL CENTER 120/208VOLTS 4 WIRE 60HZ 3PH															
MB21-UDS 1 SECTION EQUIPMENT BELOW							MB21-UDS 2 SECTION EQUIPMENT BELOW								
AVG COLOR	ITEM	LOAD TYPE	P	AMPS	CIRCUIT	PHASE			P	AMPS	CIRCUIT	LOAD TYPE	ITEM	AVG COLOR	
						A	B	C							
12 B	HOT HOLDING CABINET 1 30	K	1	20	1	1900	216		1	20	2	K	40 GAL SKILLET 35	12 B	
12 R	HOT HOLDING CABINET 2 30	K	1	20	3			1900	1440		1	20	4	K	DUAL STACK CONNECTION OVEN 38
12 BL	WORKTOP REFRIGERATOR 31	K	1	20	5			444	0						
12 B	DUAL STACK CONVECTION STEAMER 32	K	1	20	7	240	0								
12 R	REACH IN FREEZER 34	K	1	20	9			240	0						
						2140	216	2140	1440	444	0				
						2356		3580		444					
						CONN. VA	DEMAND FACTOR	DEMAND VA	LOAD TYPE KEY:						
						6380	X	0.65	4147.0	K = KITCHEN LOAD					
						0	X	1.25	0.0	L = LIGHTING LOAD					
						0	X	1	0.0	NC = NON-CONTINUOUS LOAD					
						0	X	1	0.0	R = RECEPTACLE LOAD					
						0	X	1.25	0.0	CL = CONTINUOUS LOAD					
						0	X	1	0.0	H = HVAC LOAD					
						0	X	1.25	0.0	LM = LARGEST MOTOR LOAD					
TOTAL KITCHEN LOAD						=									
TOTAL LIGHTING LOAD						=									
TOTAL NON-CONT. LOAD						=									
TOTAL RECEPTACLE LOAD						=									
TOTAL CONTINUOUS LOAD						=									
TOTAL HVAC LOAD						=									
LARGEST MOTOR LOAD						=									
TOTAL VA SECTION "A"						=	6380		4147.0						
TOTAL VA						=	6380		4147.0						
TOTAL AMPS						=	17.7		11.5						
						TOTAL = 6380.0 VA									
						I = 17.7 AMPS									

LEE SUMMIT MEDICAL CENTER 200 AMP 120/208VOLTS 4 WIRE 60HZ 3PH																
200 AMP							MB21-MJA COND. UNITS									
AVG COLOR	ITEM	LOAD TYPE	P	AMPS	CIRCUIT	PHASE			P	AMPS	CIRCUIT	LOAD TYPE	ITEM	AVG COLOR		
						A	B	C								
10 B	MB21-MJA 1 COND UNIT 1	M	3	30	1	2570	2570				3	30	2	M	MB21-MJA 1 COND UNIT 3	
10 R	-	M	-	30	3			2570	2570		-	30	4	M	-	
10 EL	-	M	-	30	5					2570	2570	-	30	6	M	-
10 B	MB21-MJA 1 COND UNIT 2	M	3	30	7	2570	2570				3	30	8	M	MB21-MJA 1 COND UNIT 4	
10 R	-	M	-	30	9			2570	2570		-	30	10	M	-	
10 EL	-	M	-	30	11					2570	2570	-	30	12	M	-
						5140	7710	5140	7710	5140	7710					
						12850		12850		12850						
						CONN. VA	DEMAND FACTOR	DEMAND VA	LOAD TYPE KEY:							
						0	X	1	0.0	K = KITCHEN LOAD						
						0	X	1	0.0	L = LIGHTING LOAD						
						0	X	1	0.0	NC = NON-CONTINUOUS LOAD						
						0	X	1	0.0	R = RECEPTACLE LOAD						
						0	X	1	0.0	CL = CONTINUOUS LOAD						
						0	X	1	0.0	H = HVAC LOAD						
						0	X	1	0.0	LM = LARGEST MOTOR LOAD						
TOTAL KITCHEN LOAD						=										
TOTAL LIGHTING LOAD						=										
TOTAL NON-CONT. LOAD						=										
TOTAL RECEPTACLE LOAD						=										
TOTAL CONTINUOUS LOAD						=										
TOTAL HVAC LOAD						=										
LARGEST MOTOR LOAD						=										
TOTAL MSC. LOAD						=	38550	X	1	38550.0						
TOTAL VA SECTION "A"						=	38550		38550.0							
TOTAL VA						=	38550		38550.0							
TOTAL AMPS						=	107.0		107.0							
						TOTAL = 38550.0 VA										
						I = 107.0 AMPS										

NOTES:  
 PANEL SCHEDULE USED ONLY AS A GUIDE AND REPRESENTATION OF THE CIRCUITS REQUIRED BY THE LEFT HALF SECTION OF THE UDS SYSTEM (400 AMP SECTION) "UDS 1" AND RIGHT HALF SECTION OF THE UDS SYSTEM (400 AMP SECTION) "UDS-2"  
 UDS-1 AND UDS-2 TO BE MCB PROTECTED PANELS WITH 120V SHUNT TRIP. INTERLOCK SHUNT TRIP MODULES FROM EACH PANEL WITH DRY CONTACTS IN ANSUL CAB. COORD. EXACT TERMINATION REQUIREMENT WITH ANSUL INSTALLATION & SHOP DWG'S











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 REPRODUCED IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF KITCHENS TO GO BY MOBILE MODULAR. © KITCHENS TO GO BY MOBILE MODULAR.



STAMPED AS S.E.O.R. ONLY. NON-STRUCTURAL SHEETS ONLY REVIEWED FOR CONFORMANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES AND INDUSTRY STANDARD

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



FDBY LEE'S SUMMIT  
 MEDICAL CENTER  
 ---  
 2100 SE Blue Pkwy  
 Lee's Summit, MO 64063

REV.	DATE	DESCRIPTION	NAME

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

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

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

**Control Panel**  
 Sheet  
**(M821) M-506**

4/8/2025 1:41:32 PM

SUBMITTAL SET

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

REVISIONS

NO.	DESCRIPTION	DATE

**CAPTIVE**  
 Los Angeles Office  
 www.captiveeng.com  
 90404 PHONE: (910) 876-8605 FAX: (910) 747-5639 EMAIL: reg@captlive.com

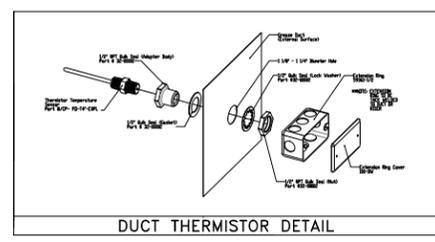
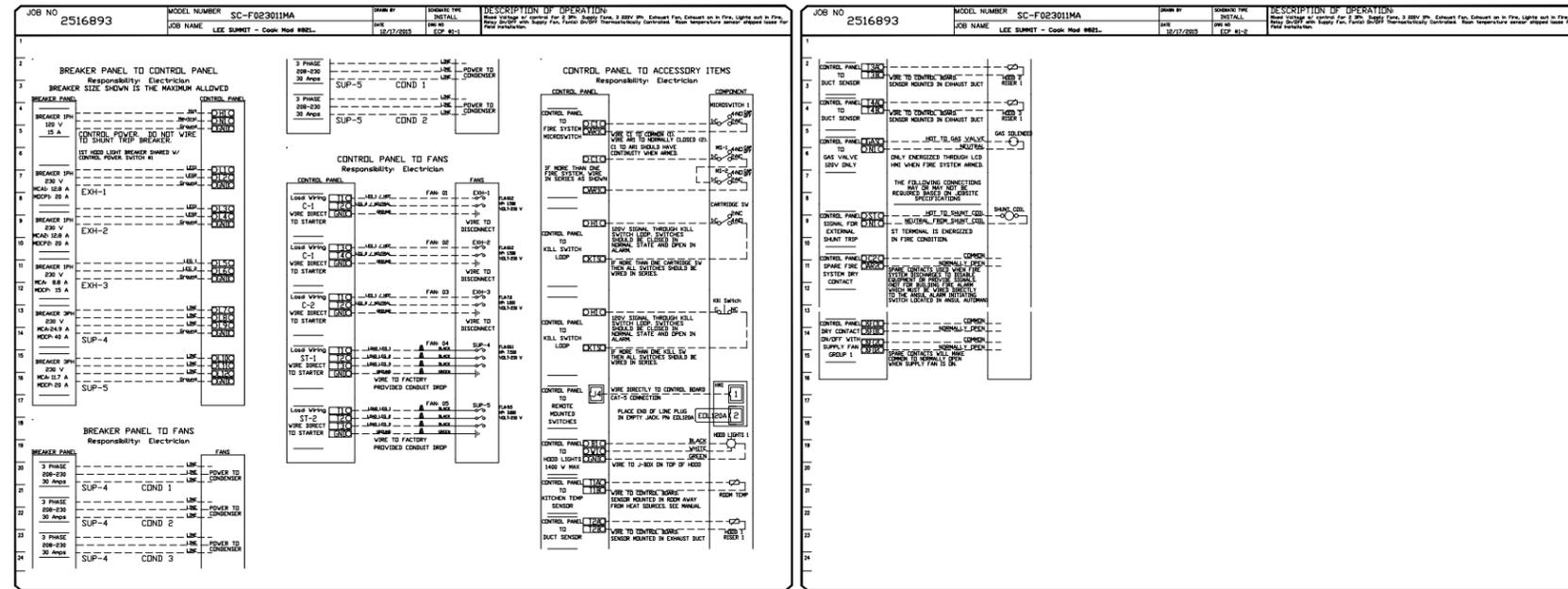
LEE'S SUMMIT  
 Cook Mod #821  
 LEE'S SUMMIT, MO

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

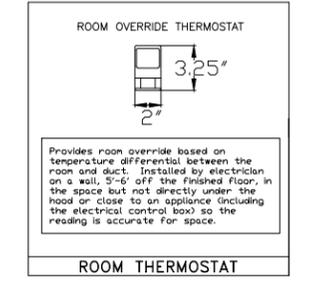
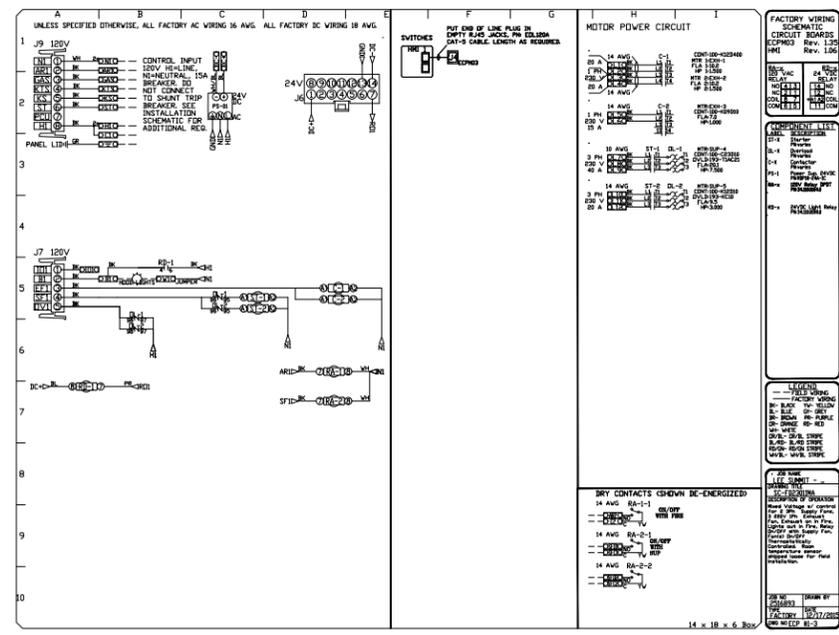
SHEET NO.  
 6 of 8

ELECTRICAL PACKAGES - Job#2516893

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED																			
				LOCATION	QUANTITY		TYPE	#	H.P.	VOL.	FLA															
1		SC-F023011MA	UBS	UBS	1 Light	Smart Controls Thermostatic Control w/ Relay On/Off with Supply	Exhaust	1	1.000	230	7.0	Exhaust	1	1.500	230	10.2	Supply	3	3.000	230	8.5	Supply	3	7.500	230	19.1



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



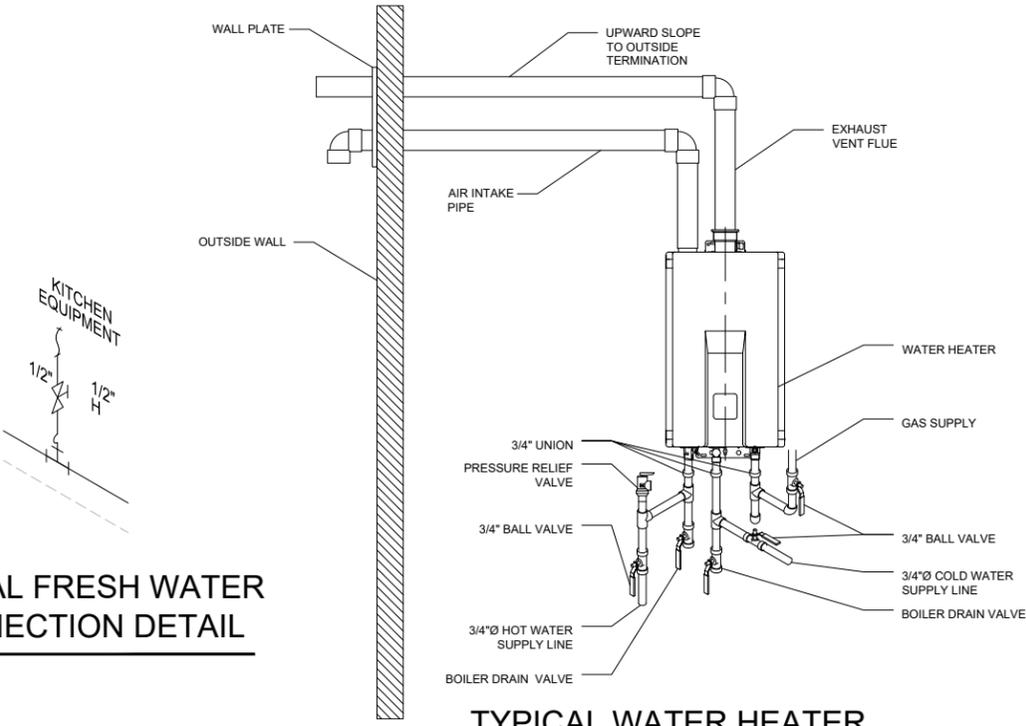
Room Temperature Sensor to be Provided with Control Package. To be Field Installed in Kitchen Module (by others).





NOTES :

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



TYPICAL FRESH WATER CONNECTION DETAIL

TYPICAL WATER HEATER INSTALLATION DETAIL

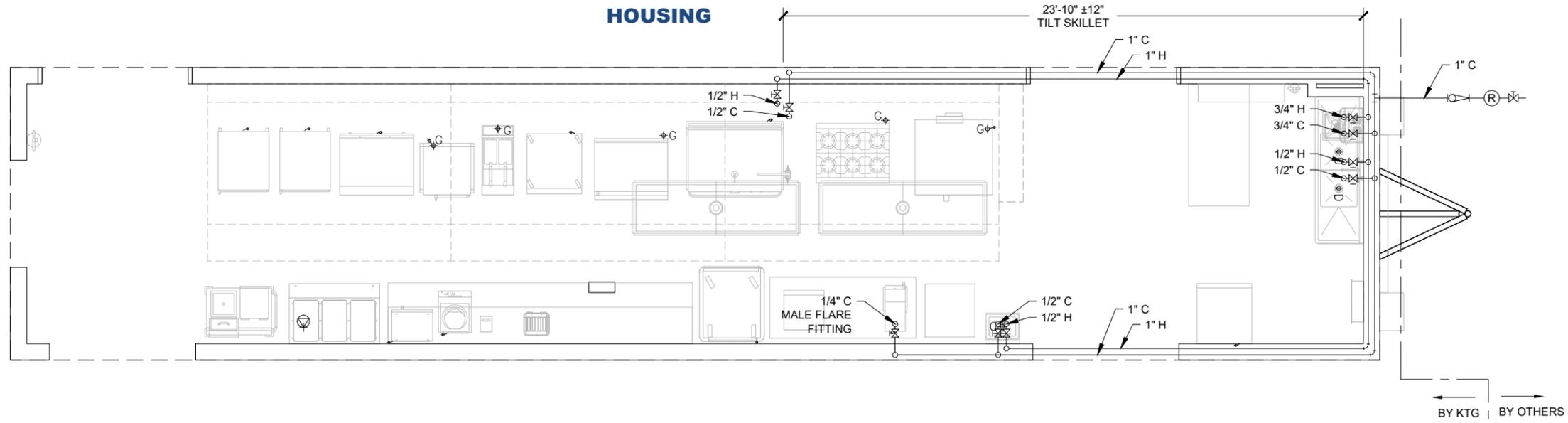
SYM	DESCRIPTION
H	HOT WATER LINE
C	COLD WATER LINE
(R)	PRESSURE REGULATOR
⊕	VALVE, BRASS BALL
⊕	TEE
⊕	90° ELBOW
⊕	FLEX HOSE ASSEMBLY (S.S. BRAIDED MPT x FPT SWIVEL)
⊕	QUICK DISCONNECT
⊕	VALVE 3-WAY
⊕	PUMP
⊕	VACUUM BREAKER
⊕	REDUCER
⊕	CHECK VALVE
⊕	POINT OF CONNECTION
⊕	WATER FILTRATION SYSTEM
⊕	PENETRATION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

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

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



FDBY LEE'S SUMMIT  
MEDICAL CENTER  
----  
2100 SE Blue Pkwy  
Lee's Summit, MO 64063



SUBMITTAL SET

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

Fresh Water Plumbing  
Schematic

Sheet  
**(M821) P-601**

