



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: 07/03/2025
HCA PROJECT NO. 097240009
HCA DESIGN MANAGER: MIKAL MALIK
HCA CONSTRUCTION MANAGER: ERIC SJODIN

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



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ARCHITECTS
ARCHITECTS

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SCOTTSDALE, AZ 85251

PROJECT MANAGER: KEVIN COOK

602.541.7287



DATE SIGNED: 07.03.25

WSP

MECHANICAL, PLUMBING & ELECTRICAL ENGINEERS

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

PROJECT MANAGER: MINDY WHISLER

816.702.4247

KITCHENS TO GO

MODULAR KITCHEN DESIGNER

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

PROJECT MANAGER: ZACH DAVIS

901.451.2152

NABHOLZ

GENERAL CONTRACTOR

6640 CAROTHERS PARKWAY, STE 150
FRANKLIN, TN 37067

PROJECT MANAGER: JEREMY BRANSON

913.393.6552

PROJECT SYMBOLS

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

NORTH ARROW: TRUE NORTH, REFERENCE NORTH

REVISION: STANDARD

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

	X = ISSUED SHEET	
	R = REVISED SHEET	
	F = FOR REFERENCE ONLY	
	D = DELETED SHEET	

CITY & STATE - 1ST REVIEW - 06/23/2025
CITY - 2ND REVIEW - 07/03/25
DESIGN COORDINATION - 2025/07/03

GENERAL INFORMATION

G1000	COVER SHEET	X	R	
G1101	SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS	X	R	

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		
P02-01A	FLOOR PLAN - LEVEL 01 - CENTRAL PLANT - PLUMBING	X		
P07-01	DETAILS - PLUMBING	X		

MEPT

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

ELECTRICAL

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

TECHNOLOGIES

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

VENDOR (KITCHENS TO GO)

G-001	COVER SHEET & DRAWING INDEX	F		
G-002	APPLICABLE CODES, GENERAL NOTES & FINISH SCHEDULES	F		
G-003	DOOR SCHEDULE & EGRESS PLAN	F		
G-004	TYPICAL 2A & 5B CONSTRUCTION TYPES	F		
A-101	SITE PLAN	F		
A-102	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		
(M821) M-507	MAU DUCTING SPECIFICATIONS	F		
(M821) M-508	EXHAUST FAN ELEVATION	F		
(M821) P-601	FRESH WATER PLUMBING SCHEMATIC	F		
(M821) P-602	WASTE WATER PLUMBING SCHEMATIC	F		
(M821)R-000	ALL ALUMINUM RAMP SYSTEM	F		

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Consultant:

Professional Engineer Seal for Dorely C. Campbell, License No. 2021002549, State of Missouri.

DATE SIGNED: 07.03.25

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MODULAR INTERIM KITCHEN COMPLEX

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

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

FACILITY NUMBER:
097240009

AGENCY APPROVALS:
AGENCY

REVISIONS

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

DATE: 05/23/2025
SCALE:
DRAWN:
REVIEWED:
JOB NUMBER: 6406.24.001

SHEET INDEX, PROJECT INFORMATION, AREA MAPS, SYMBOLS

G1101

Consultant:



DATE SIGNED: 07.03.25

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A	CITY - 2ND REVIEW	2025/07/03

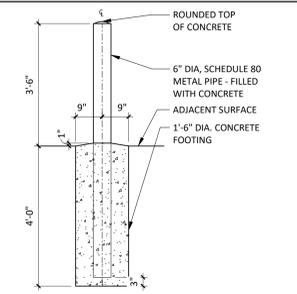
DATE: 05/23/2025
 SCALE: As indicated
 DRAWN:
 REVIEWED:
 JOB NUMBER: 6406.24.0001

ARCHITECTURAL SITE PLAN

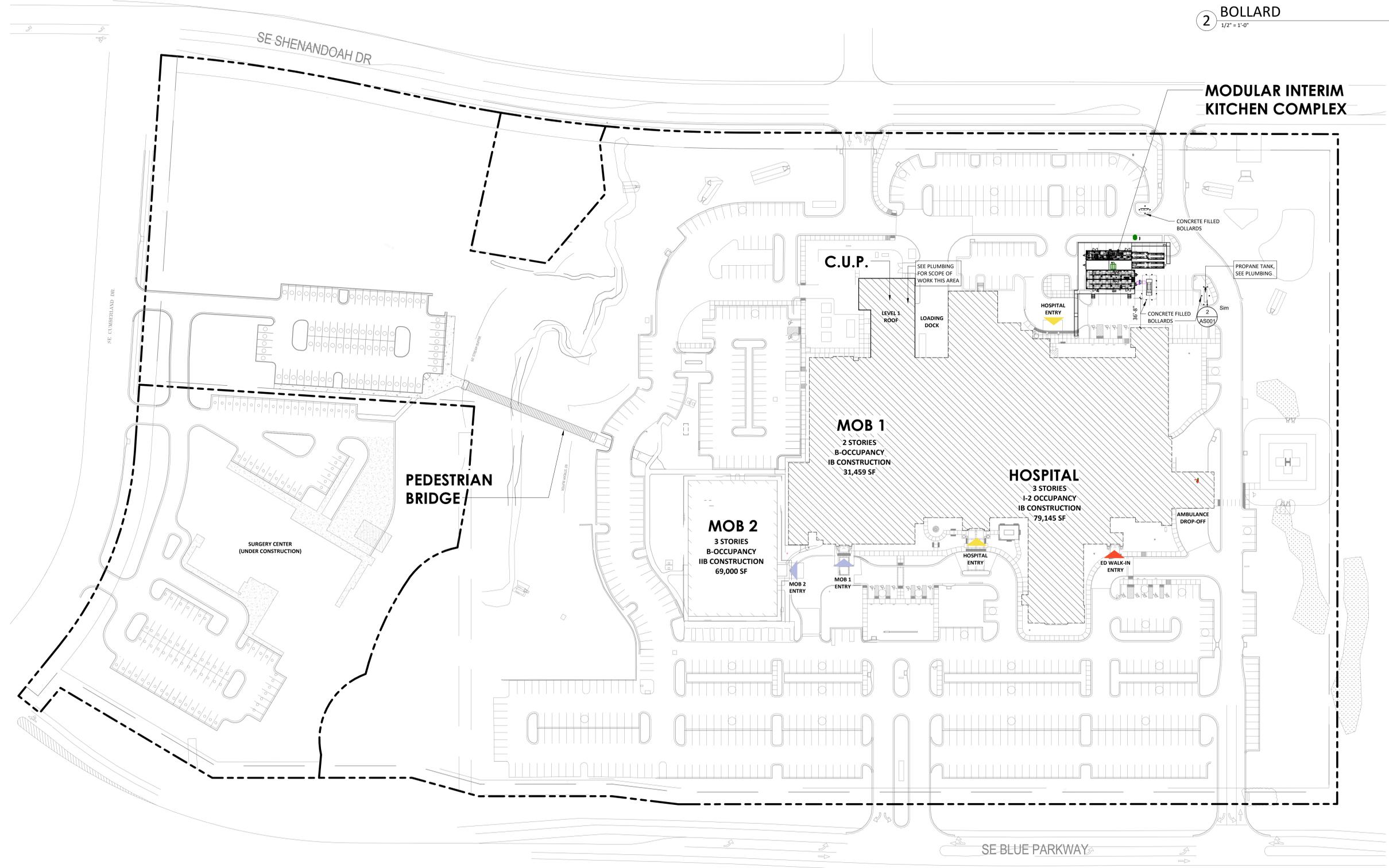
AS001

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.

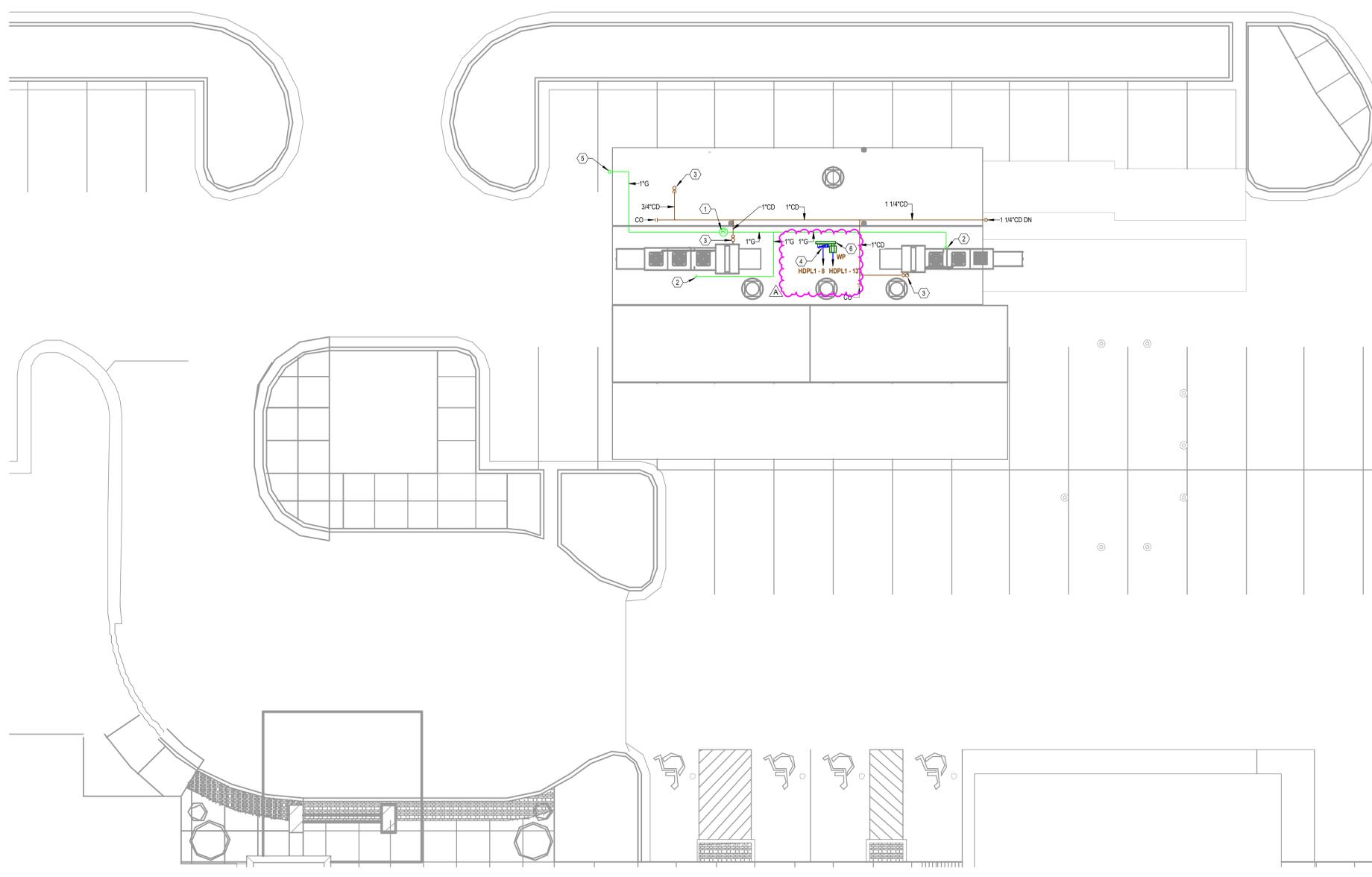


CONCRETE FILLED PIPE BOLLARD
 1/2" = 1'-0"



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

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC) - r123/6406.24.0001 LICA - LSMC Temp - lichen.vnt 7/7/2025 2:30:16 PM



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

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-80-S EACH WITH PP-80-S FOR INTEGRATION OF WATERPROOF MEMBRANE INTO ROOF MATERIAL. UNISTRUT TO BE MOUNTED BETWEEN POWER PEDESTALS FOR ELECTRICAL FIXTURES AND EQUIPMENT INDICATED.

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Consultant:
WSP

06/30/2025
WSP USA Buildings Inc. 2013001881

IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER, THEY ARE TO BE CONSIDERED PRELIMINARY AND ARE NOT TO BE USED FOR CONSTRUCTION OR RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION BY WSP USA BUILDINGS INC. UNDER SEC. 302 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION HELD HEREIN 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.

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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

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_LY23/MEP_TEMP/MEPT02-02.dwg 6/30/2025 11:38:00 AM 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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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:
 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 (SEE NOTE 1)
	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 (SEE NOTE 1)
	# 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: H=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)	--
	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X: H=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	CIRCUIT BREAKER	NEF	NOT IN CONTRACT
CK/BKR	CIRCUIT	NL	NIGHT LIGHT
CKT	CLOSED CIRCUIT T.V.	NO (N.O.)	NORMALY OPEN
CCTV	CEILING	PB	PULL BOX
CLG	CIRCUIT (EMERGENCY SYSTEM)	PLGMOLD	PLUGMOLD
CR	CABINET HEATER	PNL	PANEL
CUH	EMPTY CONDUIT	PWR	POWER
EC	EMPTY CONDUIT	R	RELOCATED DEVICE
ELEC	ELECTRIC	RCP(TS) OR	RECEPTACLE(S)
E	EMERGENCY	RECEP	RECEPTACLE
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
FIX	FIXTURE	TEL	TELEPHONE
FLR	FLOOR	TRF	TRANSFER FAN
FLR	FLOOR	TAMP	TAMPER PROOF
FLU	FLOURESCENT	TV	TELEVISION
FTF, FTS OR	FAN TERMINAL UNIT	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
FTU	FAN TERMINAL UNIT	UF	UNDERGROUND
FUT	FUTURE	UG	UNDERGROUND
G, GND	GROUND (EQUIPMENT)	UH	UNIT HEATER
GE	GENERAL EXHAUST FAN	UNO (UN.O.)	UNLESS NOTED OR INDICATED OTHERWISE
GEN	GENERATOR	V	VOLTAGE
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER	VFD	VARIABLE FREQUENCY DRIVE
HP	HORSE POWER	VP	VAPOR PROOF
HV	HIGH VOLTAGE	VP	VARIABLE VOLUME UNIT
HWAT	HEAT TRACE	W	WIRE
IC	INTERLOCKING CAPACITY	WI	WITH
ICAND	INCANDESCENT	WG	WIRE GUARD
IG	ISOLATED GROUND	WP	WEATHER PROOF
IGF	GROUND FAULT INDICATION ONLY	WT	WATER TIGHT
JB	JUNCTION BOX	WT	WATER TIGHT
KEF	KITCHEN EXHAUST FAN	XFMR	TRANSFORMER MOUNTING
LTS	LIGHTS	XH	HEIGHT IN INCHES AFF UNO
LV	LOW VOLTAGE	UCR	UNCER CABINET REFRIGERATOR
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**
- THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE, FUNCTIONING ELECTRICAL SYSTEM IN SAFE WORKING ORDER.
 - SYMBOLS FOR VARIOUS ELEMENTS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT REGARDING THE MEANING OR INTENT OF THE SYMBOLS USED, AN INTERPRETATION SHALL BE OBTAINED FROM THE ARCHITECT IN WRITING. THE DECISION OF THE ARCHITECT SHALL BE FINAL.
 - IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS CAREFULLY BEFORE SUBMITTING THEIR BID. WITH PARTICULAR ATTENTION TO ERRORS, OMISSIONS, CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION, CONFLICTS BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, AND AMBIGUOUS DEFINITION OF THE EXTENT OF COVERAGE BETWEEN CONTRACTS. ANY SUCH DISCREPANCY SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT FOR CORRECTION. SHOULD ANY OF THESE ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES EXIST, THE CONTRACTOR SHALL HAVE THEM EXPLAINED AND ADJUSTED IN WRITING BEFORE SIGNING THE CONTRACT OR PROCEEDING WITH THE WORK. OTHERWISE, THE CONTRACTOR SHALL, AT THEIR OWN EXPENSE, SUPPLY THE PROPER MATERIALS AND LABOR TO MAKE GOOD ANY DAMAGE OR DEFECTS IN THEIR WORK OR THE RESULTS OBTAINED THEREFROM, CAUSED BY SUCH DISCREPANCY.
 - WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
 - THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN 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.
 - 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.
 - ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
 - ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA STANDARD 70 (NATIONAL ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS, UNLESS OTHERWISE INDICATED. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS. THEY SHALL ALSO BE LISTED/LABELLED BY A NATIONALLY RECOGNIZED LABORATORY IN ACCORDANCE WITH NFPA 70 EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS.
 - PROVIDE SHOP DRAWINGS FOR ENGINEERS REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.
- B. ELECTRICAL EQUIPMENT**
- PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT. APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
 - WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, AND APPURTENANCES (ALL SYSTEMS) INSTALLED OUTDOORS.
 - COORDINATE AND SCHEDULE ALL POWER OUTAGES WITH OWNER. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
 - SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.
 - DO NOT USE PERMANENT INK WHEN MAKING FIELD MARKINGS OR TEMPORARY CIRCUIT LABELS ON PANELS. CONTRACTOR SHALL USE REMOVABLE TAPETACKS FOR ALL TEMPORARY MARKINGS AND SHALL REMOVE THESE TEMPORARY MARKINGS AT THE CONCLUSION OF THIS PROJECT.
- C. SITE WORK**
- COORDINATE WITH THE SITE WORK FOR THE LOCATION, DIMENSIONS AND ELEVATION OF ALL DUCTBANKS/SERVICE CONDUITS EXTERNAL TO THE BUILDING PRIOR TO INSTALLATION OF ALL DUCTBANKS/SERVICE CONDUITS INTERNAL TO THE BUILDING.
 - COORDINATE ALL ELECTRICAL UTILITY SERVICE REQUIREMENTS WITH UTILITIES REPRESENTATIVE PRIOR TO COMMENCING ANY ELECTRICAL SITE WORK. CONTRACTOR SHALL SCHEDULE ALL NECESSARY MEETINGS BETWEEN UTILITY COMPANIES, CONTRACTOR, GENERAL CONTRACTOR, SUBCONTRACTORS, AND VARIOUS SUBCONTRACTORS RESPONSIBLE FOR SITE CONSTRUCTION PRIOR TO ELECTRICAL ROUGH-IN.
- D. CONDUIT & RACEWAY**
- ALL WORK SHALL BE COORDINATED SO THAT INTERFERENCES ARE AVOIDED. PROVIDE ALL NECESSARY OFFSETS IN CONDUITS, RACEWAYS, ETC. REQUIRED TO PROPERLY INSTALL THE WORK. EXPOSED WORK MUST BE KEPT AS CLOSE AS POSSIBLE TO WALLS, CEILINGS, COLUMNS, ETC., SO AS TO TAKE UP MINIMUM AMOUNT OF SPACE. ALL OFFSETS, FITTINGS, ETC., REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OTHER TRADES.
 - CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER NFPA 70 AND FOR COORDINATION WITH OTHER DISCIPLINES.
 - PENETRATIONS OF WALLS, FLOORS, AND ROOFS FOR THE PASSAGE OF ELECTRICAL RACEWAYS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. ALL SUCH PENETRATIONS SHALL BE PROPERLY SEALED OFF AFTER INSTALLATION OF RACEWAY SO AS TO MAINTAIN THE STRUCTURAL, WATER PROOF, AND FIRE PROOF INTEGRITY OF THE WALL, FLOOR, OR ROOF SYSTEM PENETRATED.
 - SEAL ALL CONDUITS THAT PENETRATE THE BASEMENT FLOOR SLAB TO MAKE THEM WATER TIGHT. THE CONDUITS SHALL BE DRIED PRIOR TO INSTALLATION OF WIRE CABLE AND SHALL BE SEALED AT TERMINATIONS.
 - ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALLS.
 - ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.
- E. BRANCH CIRCUITS AND FEEDERS**
- CIRCUITING IS SHOWN DIAGRAMMATICALLY. HOMERUNS SHALL BE COMBINED WHERE POSSIBLE IN ACCORDING TO NFPA 70.
 - UNLESS OTHERWISE INDICATED, ALL CIRCUITS 100' OR LESS SHALL BE MINIMUM #12 AWG WIRE SIZE. CIRCUITS OVER 100' BUT LESS THAN 200' SHALL BE MINIMUM #10 AWG WIRE SIZE. CIRCUITS OVER 200' BUT LESS THAN 300' SHALL BE MINIMUM #8 AWG WIRE SIZE.
 - UNLESS OTHERWISE INDICATED, ALL CONDUCTORS SHALL BE COPPER, 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET.
 - UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES #12 AWG AND #10 AWG SHALL BE SOLID. CONDUCTOR SIZES #8 AWG AND LARGER MAY BE STRANDED.
 - A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH THE CIRCUIT CONDUCTORS FOR GROUNDING WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR A CABLE ARMOR OR SHEATH SHALL NOT BE USED AS THE ONLY EQUIPMENT GROUNDING CONDUCTOR.
 - HOMERUN CIRCUITS FOR ISOLATED GROUND RECEPTACLES SHALL BE SEPARATED FROM OTHER CIRCUITS. EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL CONDUCTOR AND EACH HOMERUN SHALL CONTAIN AN ISOLATED AND EQUIPMENT GROUND CONDUCTOR.
- F. WIRING DEVICES**
- REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION AND MOUNTING HEIGHT OF ALL WALL AND FLOOR MOUNTED ELEMENTS (OUTLETS, LIGHT SWITCHES, CONTROLLERS, POKE-THRU, ETC). ALL WALL/FLOOR MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL WALL/FLOOR TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
 - COORDINATE THE LOCATION AND INSTALLATION DETAIL OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS (WALL ELEVATIONS, MILLWORK DETAILS, ETC.) AND WITH MILLWORK MANUFACTURER PRIOR TO ELECTRICAL ROUGH-IN.
 - WALL AND FLOOR MOUNTED POWER RECEPTACLES SHOWN NEAR DATA OUTLETS SHALL BE LOCATED WITHIN SIX (6) INCHES OF THE DATA OUTLET. LOCATE AT SAME MOUNTING HEIGHT UNLESS NOTED OTHERWISE.
 - VERIFY THE EXACT POWER CONNECTION TYPE AND NEMA CONFIGURATION OF RECEPTACLES FOR EQUIPMENT FURNISHED BY THE OWNER, OTHER TRADES, OR UNDER A SEPARATE SECTION OF THIS CONTRACT PRIOR TO ELECTRICAL ROUGH-IN.
 - ALL RECEPTACLES LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE HOUSED IN ENCLOSURES THAT ARE RATED WEATHER-PROOF-WHILE-IN-USE AND SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION. ALL GFCI RECEPTACLES SHALL BE CONNECTED SO THAT ALL DEVICES ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE UPON TRIPPING. ALL GFCI RECEPTACLES SHALL INCLUDE A LOCK-OUT FUNCTION TO PROTECT AGAINST THE USE OF MISWIRED DEVICES OR DEVICES THAT HAVE BEEN DAMAGED DUE TO DSHALING SURGES.
- G. MECHANICAL & PLUMBING COORDINATION**
- 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.
 - VERIFY EXACT LOCATION OF ALL POWER CONNECTIONS AND CONTROL DEVICES WITH OTHER TRADES AND MANUFACTURERS SHOP DRAWINGS BEFORE CONSTRUCTION. COORDINATE ALL REQUIRED ENERGY MANAGEMENT SYSTEM POINTS AND CONTACT CONNECTIONS TO ENSURE THE COMPLETE AND PROPER OPERATION OF ALL SYSTEMS.
 - ALL FUSED SWITCH AND/OR CIRCUIT BREAKERS SERVING EQUIPMENT SHALL HAVE PROVISIONS FOR HANDLE LOCKS.
 - ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BEAR AN HACR RATING.
 - ALL DISCONNECTS DOWN STREAM OF VFDs SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN UPSTREAM VFD WHEN SWITCH IS OPENED.
 - COORDINATE BETWEEN TRADES AND PROVIDE CONTROL POWER FOR ALL VAV BOXES/DAMPERS/ETC. AS REQUIRED TO ENSURE A COMPLETE, FULLY FUNCTIONAL HVAC SYSTEM. SHOULD AN EXACT CIRCUIT NUMBER NOT BE INDICATED ON ELECTRICAL DRAWINGS, CONTRACTOR SHALL UTILIZE AVAILABLE 20A/1P SPACE FROM THE NEAREST 208Y/120V PANEL OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.
- H. SPECIAL SYSTEMS (e.g. DATA/PHONE/SECURITY/CATV)**
- 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.

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Notes 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.

Consultant:



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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.
 MISSOURI DHS
 AHJ PROJECT-CASE NUMBER 2
 FACILITY NUMBER:
 0972400009
 FACILITY NUMBER 2

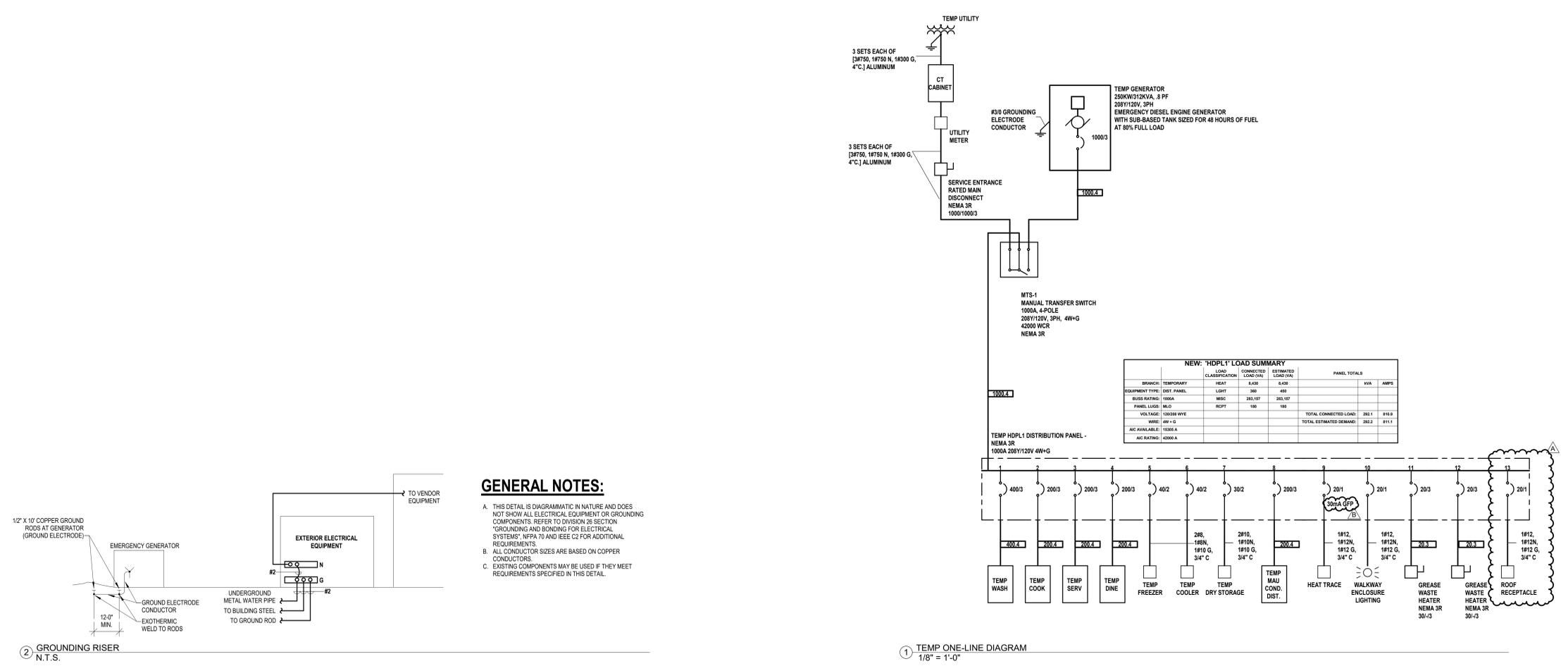
AGENCY APPROVALS:
 AGENCY

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

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

ONE LINE DIAGRAM - ELECTRICAL

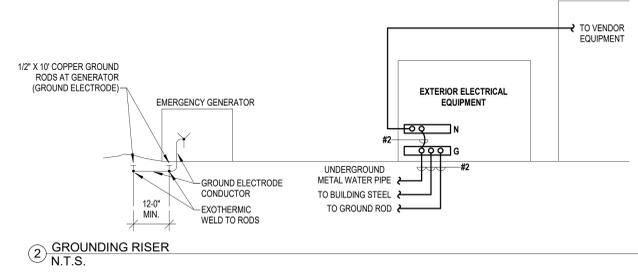
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NEW: "HDPL1" LOAD SUMMARY

EQUIPMENT TYPE	RATING	CLASSIFICATION	LOAD (VA)		PANEL TOTALS	
			CONNECTED	ESTIMATED	KVA	AMPS
HEAT	6400	HEAT	6400	6400		
LIGHT	200	LIGHT	200	400		
MISC	200,167	MISC	200,167	200,167		
RCPT	100	RCPT	100	100		
TOTAL CONNECTED LOAD:			200.2	200.2	200.2	811.1
TOTAL ESTIMATED DEMAND:			200.2	200.2	200.2	811.1
AC AVAILABLE:			1000A			
AC RATING:			4000A			

- 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" (N.F.P.A. 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"

② GROUNDING RISER
 N.T.S.

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