

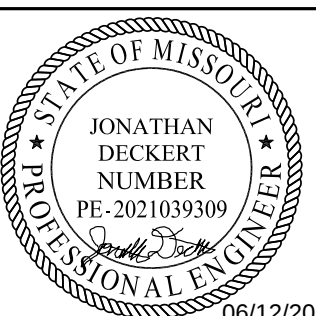
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PLUMBING SYMBOLS			
ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
— — — — —	DOMESTIC COLD WATER (CW)		PRESSURE GAUGE WITH GAUGE COCK
— — — — —	DOMESTIC HOT WATER (HW)		THERMOMETER WITH GAUGE COCK
— — — —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

PROJECT DESIGN CRITERIA	
<u>LOCATION:</u>	
CITY/STATE	LEE'S SUMMIT, MO
<u>APPLICABLE CODES:</u>	
BUILDING MECHANICAL	2018 INTERNATIONAL BUILDING CODE
PLUMBING	2018 INTERNATIONAL MECHANICAL CODE
FIRE	2018 INTERNATIONAL PLUMBING CODE
ELECTRICAL	2018 INTERNATIONAL FIRE CODE
	2017 INTERNATIONAL ELECTRICAL CODE

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SUMMIT, MO 64063

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

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

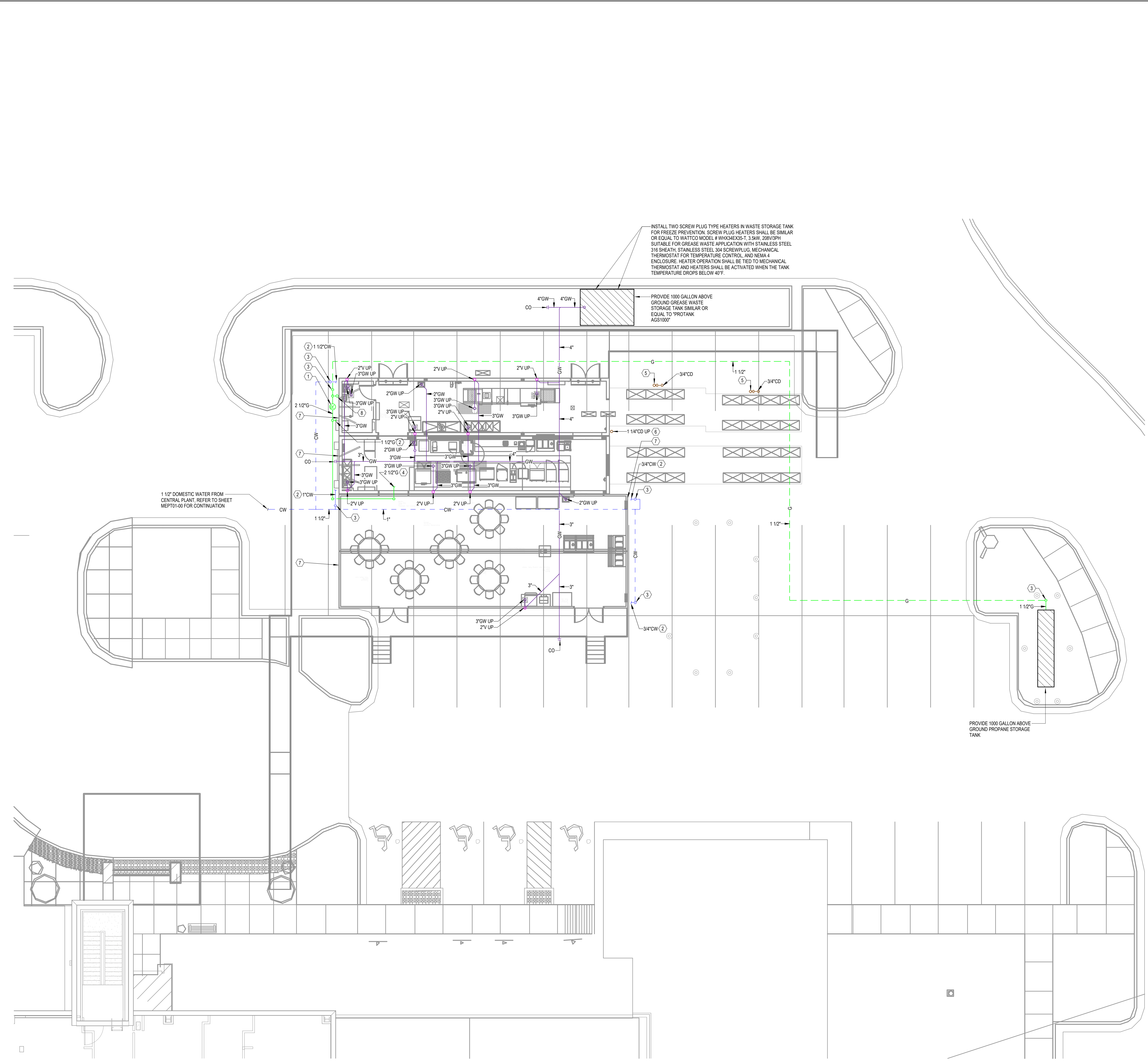
AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

GENERAL INFORMATION - PLUMBING

P00-00



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

GENERAL NOTES

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

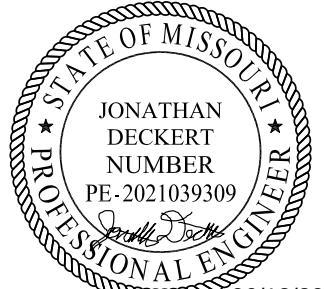
LEGEND NOTES

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



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06/12/2025
WSP USA Buildings Inc. 2013001881

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FLOOR PLAN - LEVEL 01 -
PLUMBING

P02-01

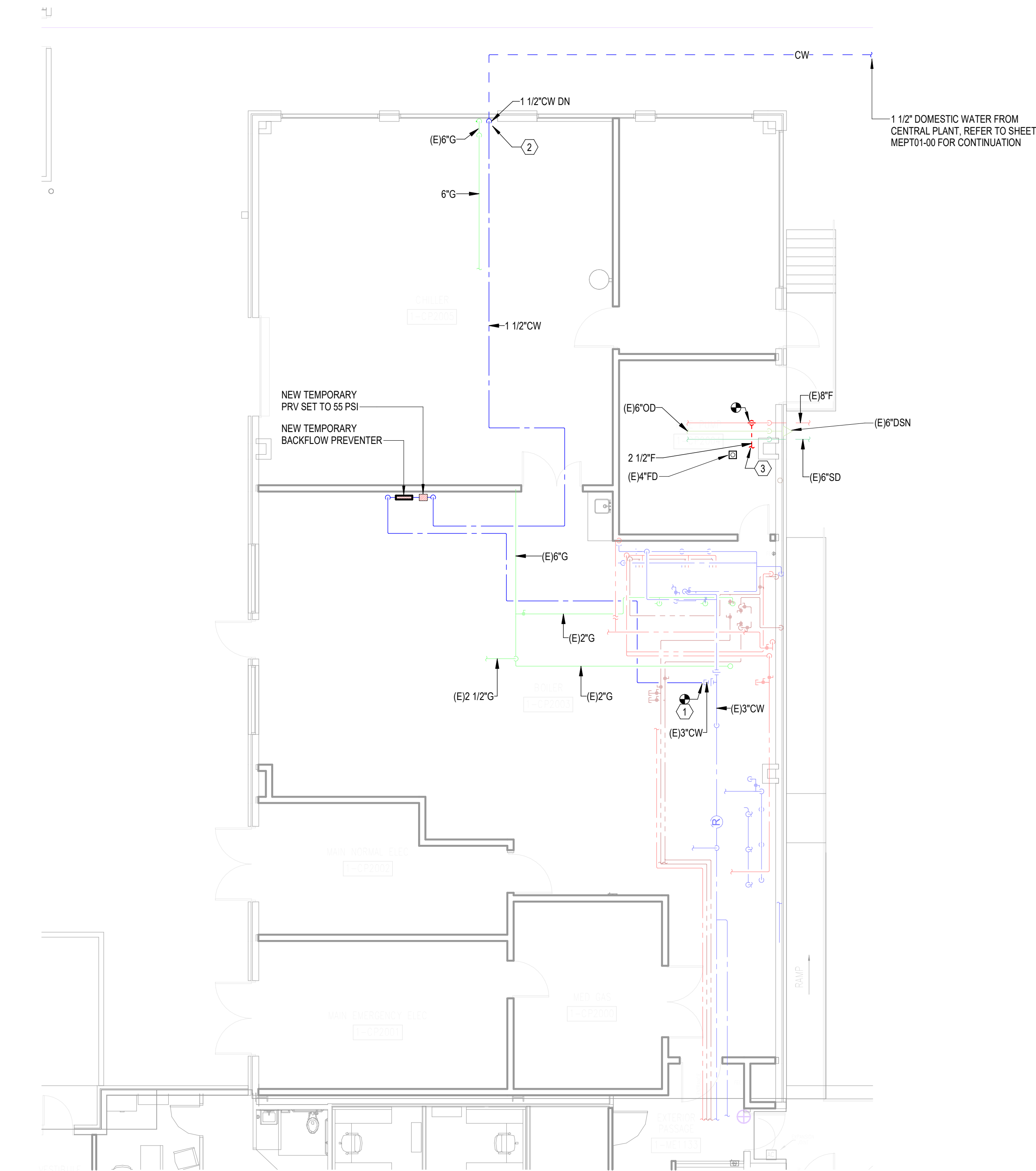
Autodesk Docx//6406.24 - HCA - Lee's Summit Medical Center (LSMC)_r123/MEP_LSMC TEMP KITCHEN_R03.rvt 6/12/2025 4:39:46 PM A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

GENERAL NOTES

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

LEGEND NOTES

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



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



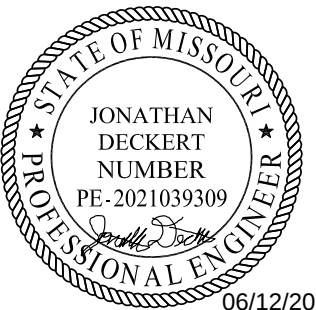
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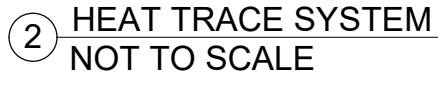
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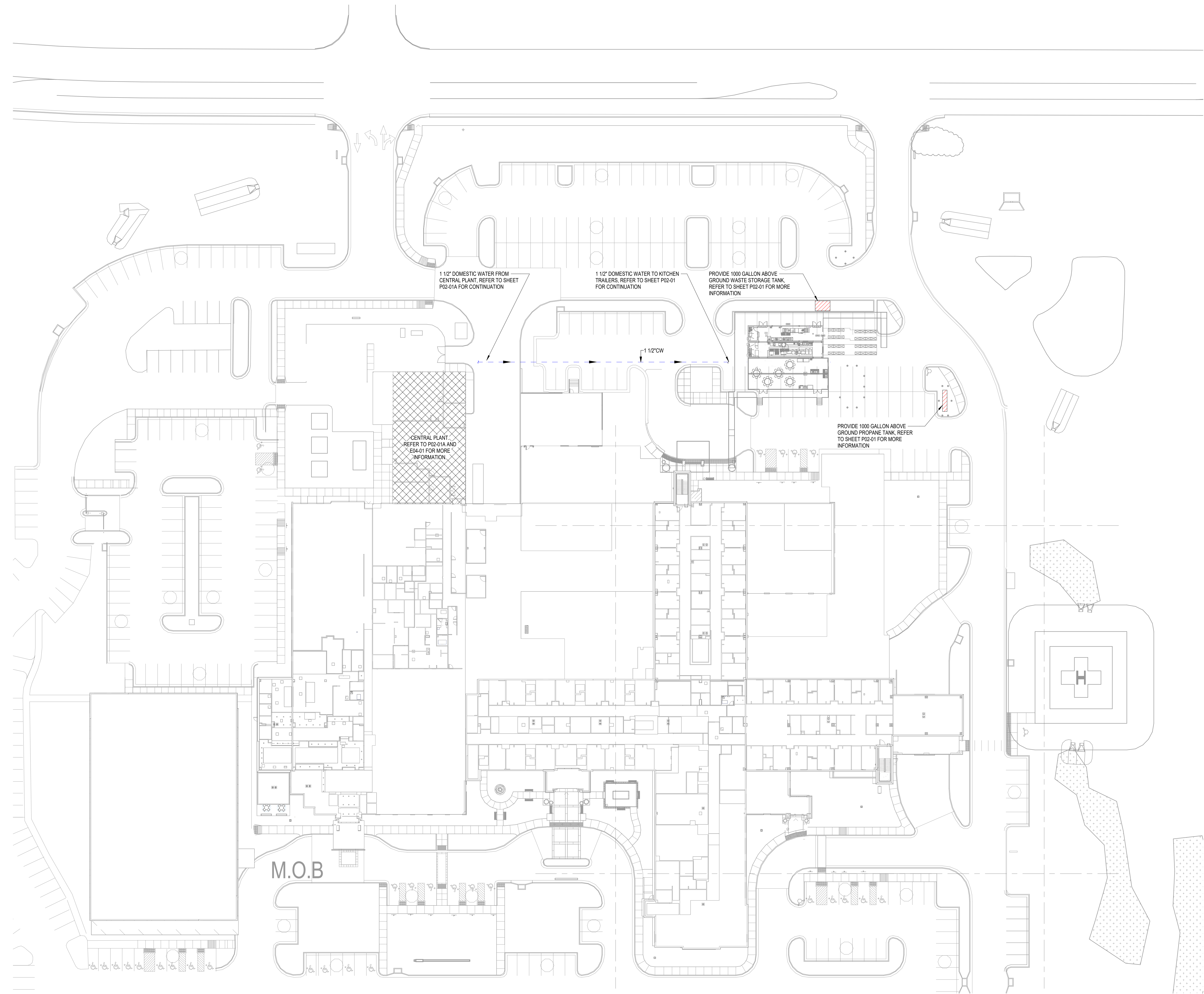
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FLOOR PLAN - LEVEL 01 -
CENTRAL PLANT -
PLUMBING

P02-01A





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

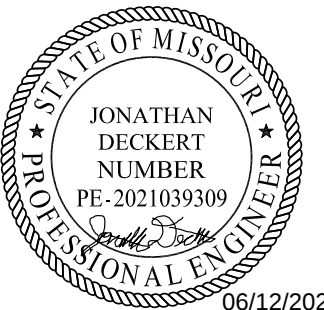
GENERAL NOTES

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



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AGENCY

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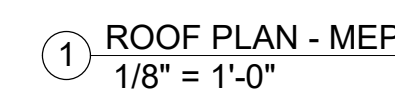
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SCALE: As indicated
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REVIEWED: WSP
JOB NUMBER: 6406.24.0001

SITE PLAN - MEPT

MEPT01-00

Autodesk Docx/6406.24 - HCA - Lee's Summit Medical Center (LSMC)_r123/MEP_LSMC TEMP KITCHEN_R23.rvt 6/12/2025 4:39:45 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.



1. SET PRESSURE REGULATOR VALVE TO 14" W.C.
2. CONNECT UTILITY PIPING TO VENDOR PROVIDED MAKE-UP AIR UNIT. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
3. CONNECT CONDENSATE DRAIN PIPING TO VENDOR PROVIDED EQUIPMENT. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS.
4. PROVIDE 208V/3PH POWER TO BRANCH PANEL FOR MUA1 AND MUA2 CONDENSING UNITS. COORDINATE EXACT LOCATION WITH VENDOR DRAWINGS PRIOR TO INSTALLATION. REFER TO E06-00 FOR ADDITIONAL INFORMATION.
5. 1" G PIPING DOWN. REFER TO P02-01 FOR CONTINUATION.

MEPT02-02

A. SUPPLEMENTAL GENERAL CONDITIONS

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

B. ELECTRICAL EQUIPMENT

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

C. SITE WORK

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

D. CONDUIT & RACEWAY

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

E. BRANCH CIRCUITS AND FEEDERS

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

F. WIRING DEVICES

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

G. MECHANICAL & PLUMBING COORDINATION

- 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 LOOKS.
- ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BEAR AN HACR RATING.
- ALL DISCONNECTS DOWN STREAM OF VFDs SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN UPSTREAM VFD WHEN SWITCH IS OPENED.
- COORDINATE BETWEEN TRADES AND PROVIDE CONTROL POWER FOR ALL VAV BOXES/DAMPERS/ETC. AS REQUIRED TO ENSURE A COMPLETE, FULLY FUNCTIONAL HVAC SYSTEM. SHOULD AN EXACT CIRCUIT NUMBER NOT BE INDICATED ON ELECTRICAL DRAWINGS, CONTRACTOR SHALL UTILIZE AVAILABLE 20A/1P SPACE FROM THE NEAREST 208Y/120V PANEL OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.

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

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

GENERAL NOTATIONS AND MOUNTING HEIGHTS

- NOTE 1: ALL MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE, UNLESS OTHERWISE INDICATED.
- A) 48" AFF INDICATES TO TOP OF DEVICE;
B) 15" AFF INDICATES TO BOTTOM OF DEVICE;
C) 80" AFF INDICATES TO BOTTOM OF DEVICE;
D) 80" AFF INDICATES TO BOTTOM OF DEVICE;
- NOTE 2: CONFIRM ALL BACKBOX SIZE WITH VENDOR SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN.
- ② - LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2"
- ⑦ - EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.
- ⑦ - DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E7.01
- ⑦ - DENOTES: REFERENCE ENLARGED DETAIL PLAN 02 ON DRAWING (SHEET) E5.01
- ⑦ - EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNERS EQUIPMENT BOOK / F&E DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

PROJECT DESIGN CRITERIA

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

ELECTRICAL ABBREVIATIONS

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

ONE-LINE DIAGRAM & RISER SYMBOLS LEGEND

	AUTOMATIC / MANUAL TRANSFER SWITCH - PROGRAMMED OR DELAYED TRANSITION		AUTOMATIC / MANUAL TRANSFER SWITCH - BYPASS ISOLATION
	DISCONNECT		FEEDER TAG. REFER TO FEEDER SCHEDULE FOR NUMBER AND SIZE OF CONDUCTORS AND CONDUIT. A- ALUMINUM C-COPPER
	MOTOR		GROUNDING ELECTRODE
	BRANCH PANEL		TRANSFORMER
	BOLT ON CIRCUIT BREAKER		DRAW OUT CIRCUIT BREAKER
	AT = TRIP RATING		AT = TRIP RATING
	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)		AT = TRIP RATING AF = FRAME SIZE

POWER SYMBOLS LEGEND

SYMBOL	DESCRIPTION	MNTG. HT. UNO
	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 (2#12, #12x3, 3/4\"/>	--
	208Y/120V PANELBOARD	--
	208Y/120V DISTRIBUTION PANELBOARD	--
	TRANSFER SWITCH	--

LIGHTING SYMBOLS LEGEND

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:

- REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.
- 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

SYMBOL	DESCRIPTION	MNTG. HT. UNO
	1 ZONE, 1 BUTTON MANUAL CONTROL DEVICE	SEE NOTE 1 SEE NOTE 2
	WALL SWITCH SPST, 20A, 120/277V	SEE NOTE 2
	3-WAY WALL SWITCH, 20A, 120/277V	SEE NOTE 1 SEE NOTE 2

LIGHTING NOTES:

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

FIRE ALARM SYMBOLS LEGEND

SYMBOL	DESCRIPTION	MNTG. HT. UNO
	FIRE ALARM PULL STATION WALL MOUNTED	48" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF
	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X=HORN, S=SPEAKER)	--
	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X=HORN, S=SPEAKER)	--
	FIRE ALARM VISUAL SIGNAL CEILING MOUNTED	--
	FIRE ALARM SPRINKLER FLOW SWITCH	--
	FIRE ALARM SPRINKLER TAMPER SWITCH	--
	FIRE ALARM SPRINKLER PRESSURE SWITCH	--
	FIRE ALARM CONTROL PANEL	AS REQUIRED
	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED
	FIRE PUMP ANNUNCIATOR PANEL	AS REQUIRED
	MONITOR MODULE	AS REQUIRED
	NOTIFICATION APPLIANCE CIRCUIT FOUR CIRCUIT FIRE ALARM INDICATING CIRCUIT POWER EXTENDER	AS REQUIRED

FIRE ALARM SYSTEM

FIRE ALARM SYSTEMS IS A DELGATED DESIGN. THESE DRAWINGS ARE INTENDED TO SHOW GENERAL GUIDELINES FOR THE PLACEMENT OF FIRE ALARM DEVICES AS THEY RELATE TO OTHER (NON-FIRE ALARM) SYSTEMS AND FOR PERMITTING PURPOSES. THE FINAL FIRE ALARM PLANS TO BE SUBMITTED FOR 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 ADD ALTERNATE PRICE MAKING NOTE OF THE SPECIFIC ANTICIPATED ADDITIONAL REQUIREMENTS.

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



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06/12/2025
WSP USA Buildings Inc. 201.900.1881

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MODULAR
INTERIM
KITCHEN
COMPLEX

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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

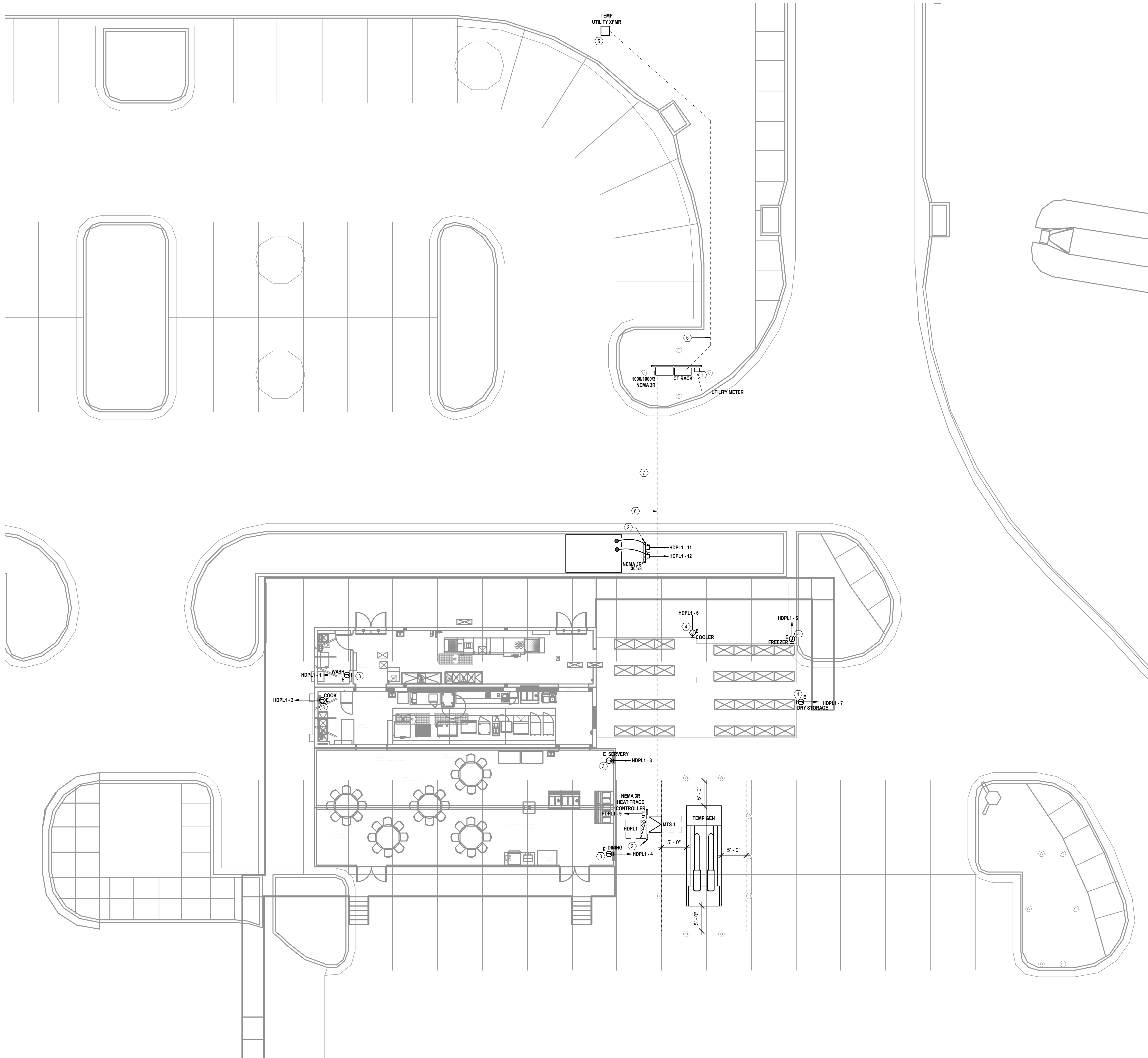
AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

GENERAL INFORMATION -
ELECTRICAL

E00-00



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

GENERAL NOTES

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

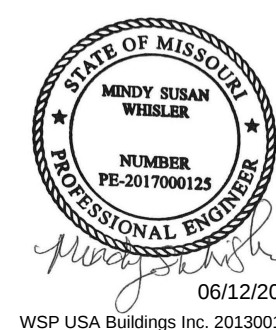
LEGEND NOTES

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



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CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

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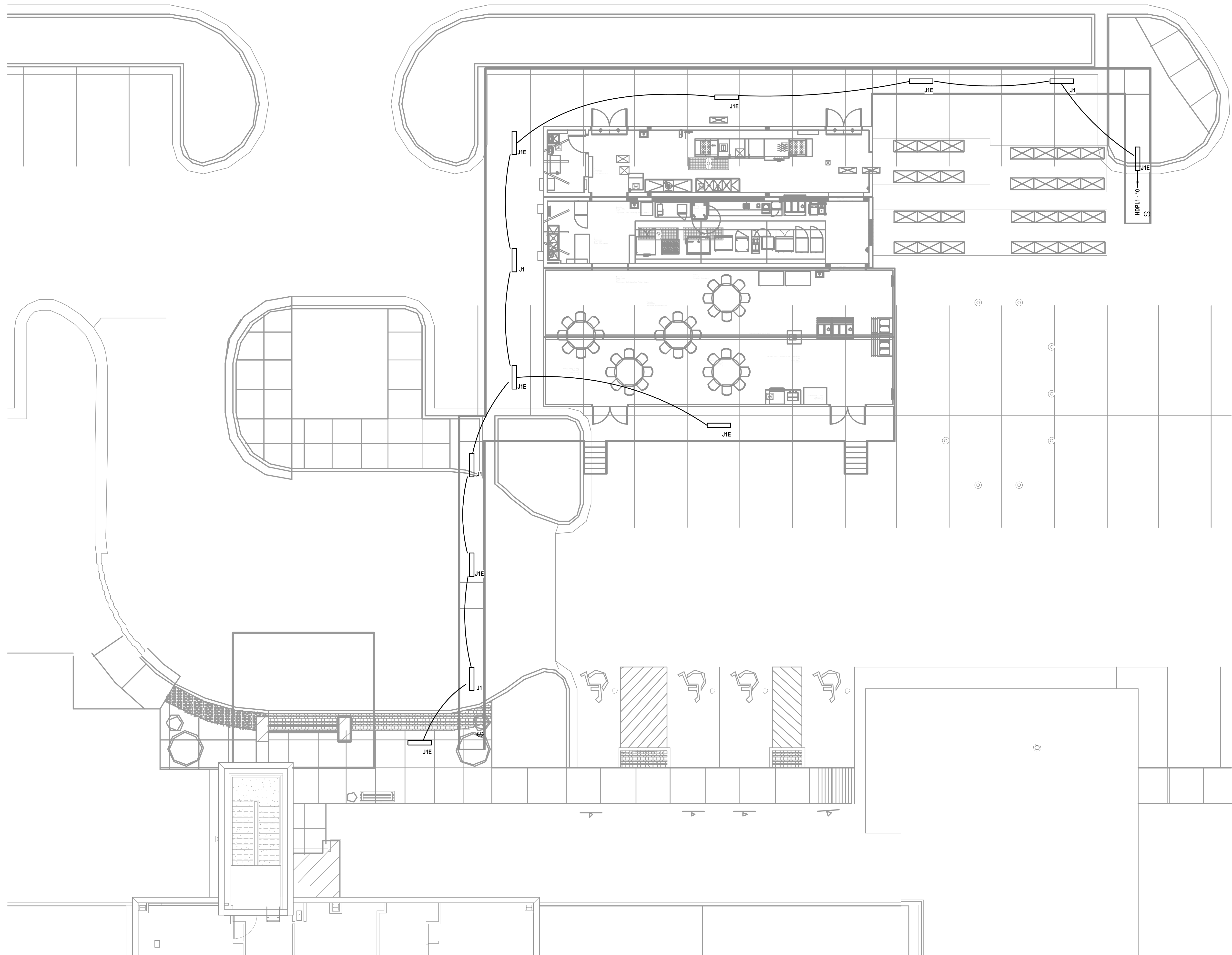
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FLOOR PLAN - LEVEL 01 - POWER

E02-01

Autodesk Docx/6406.24 - HCA - Lee's Summit Medical Center (LSMC)_FY23(MED)_LSMC TEMP KITCHEN_R03.rvt 6/12/2025 4:11:01 PM Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternate schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.



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

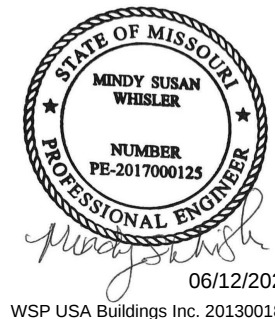
GENERAL NOTES

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



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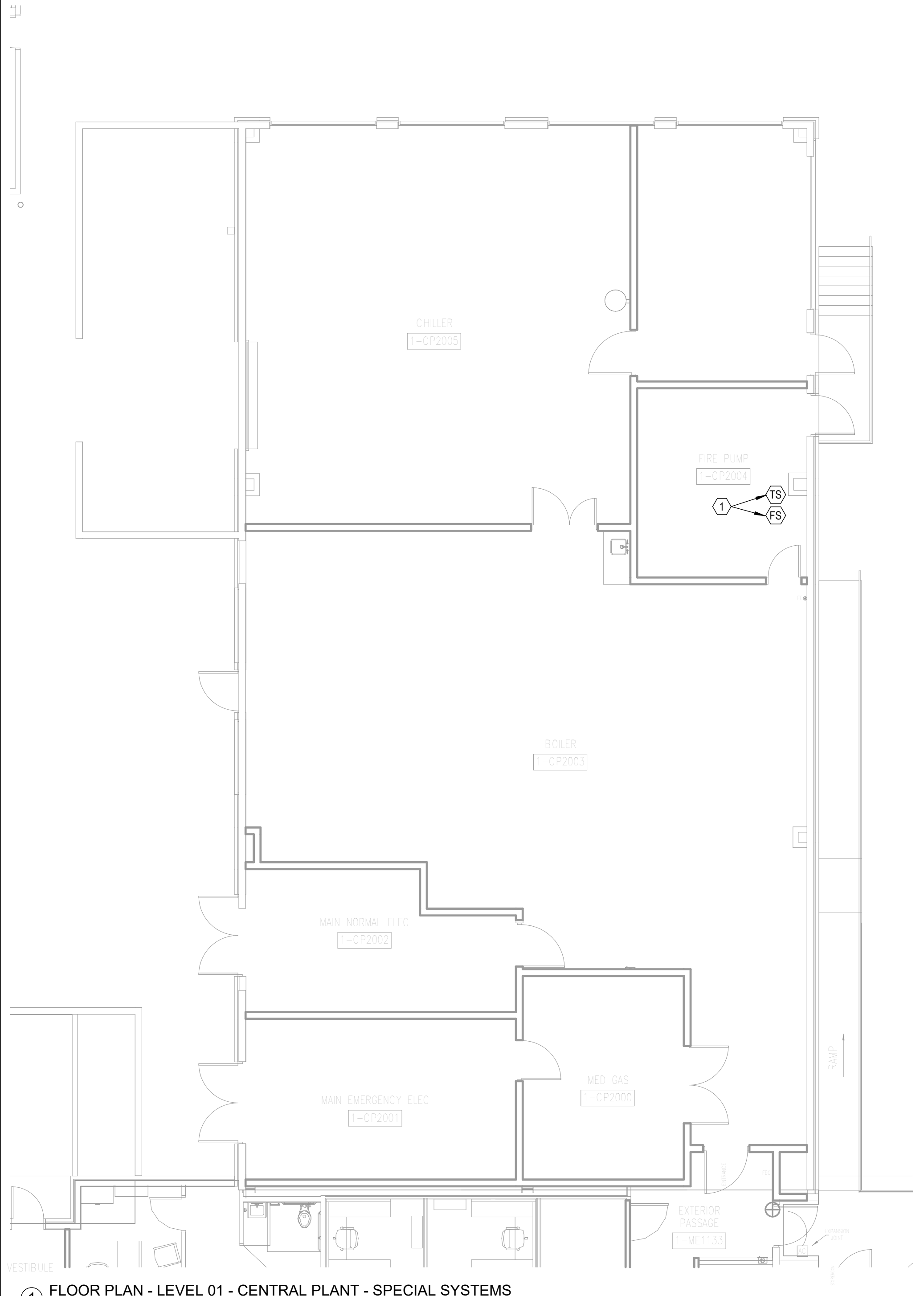
FLOOR PLAN - LEVEL 01 -
LIGHTING

E03-01

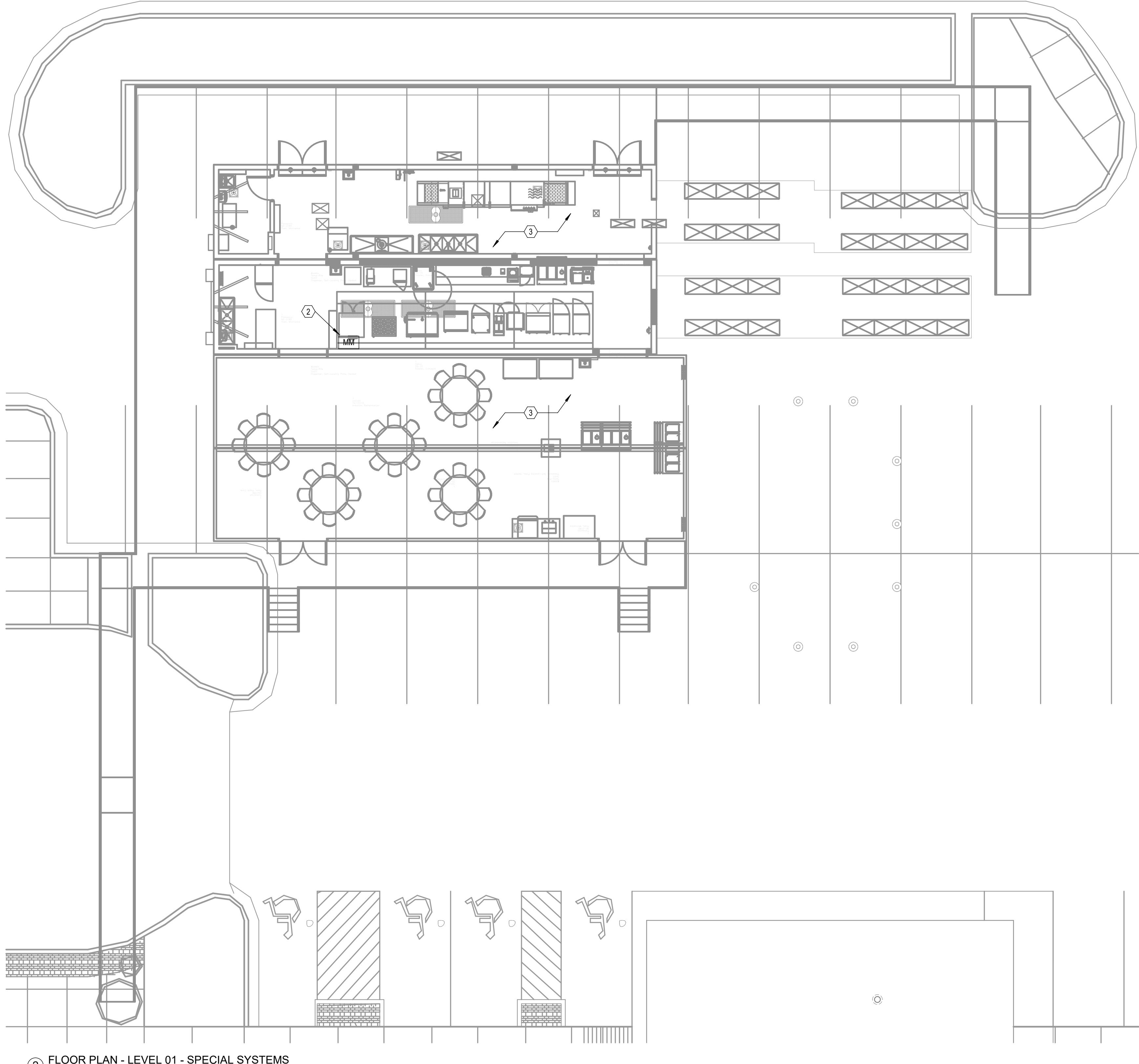
SYSTEM INPUTS	PRIORITY										SYSTEM OUTPUTS									
	ALARM	SUPERVISORY	TROUBLE	REPORT TO FIRE ALARM CONTROL PANEL	SIGNAL SUPERVISING STATION	ACTIVATE GENERAL FIRE	ACTIVATE ETC NOTIFICATION APPLIANCE	SHUTDOWN INDIVIDUAL FAN	SHUTDOWN ALL FAN POWERED MECHANICAL AIR HANDLING EQUIPMENT AND DAMPERS	SHUTDOWN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

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

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



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



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

GENERAL NOTES

- REFER TO SHEET E04-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- DO NOT SCALE DEVICE LOCATIONS FROM THESE DRAWINGS. REFER TO AND COORDINATE WITH THE ARCHITECTURAL DOCUMENTS. SPECIFICALLY, REFER TO ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR SPECIALTY.
- DELEGATED DESIGN OF FIRE ALARM: REFER TO DIVISION 28 SPECIFICATION SECTION FOR ADDITIONAL SYSTEM REQUIREMENTS. FIRE ALARM INITIATING DEVICES, NOTIFICATION APPLIANCES, CONTROL PANELS, ANNUNCIATOR PANELS, AND OTHER PERIPHERAL DEVICES SHOWN ON THESE DOCUMENTS DO NOT CONSTITUTE THE TOTAL QUANTITY OR TYPE OF DEVICES REQUIRED FOR THE WORK. THE DEVICES AND EQUIPMENT INDICATED ON THESE DOCUMENTS IS SHOWN FOR THE PURPOSE OF COORDINATION ONLY. THESE DRAWINGS AND THE ACCOMPANYING SPECIFICATIONS DEFINE THE SCOPE AND INTENT OF THE FIRE ALARM SYSTEM TO BE PROVIDED IN THE WORK. IN ADDITION TO THE SYSTEM AS SHOWN HEREIN AND SPECIFIED IN THE PROJECT MANUAL, THE LICENSED FIRE ALARM CONTRACTOR SHALL PROVIDE ALL PLANNING, DESIGN, CALCULATIONS, EQUIPMENT, DEVICES, RACEWAYS, BOXES, CABLING, SYSTEM PROGRAMMING AND ANY OTHER COMPONENT OR SERVICE REQUIRED FOR A COMPLETE, FULLY OPERATIONAL SYSTEM THAT MEETS ALL SPECIFIED REQUIREMENTS AND LOCAL CODES.
- PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED TO MONITOR KITCHEN HOOD SUPPRESSION SYSTEM(S).

LEGEND NOTES

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



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MODULAR INTERIM KITCHEN COMPLEX

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SUMMIT, MO 64063

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

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

AGENCY APPROVALS:
AGENCY

REVISIONS

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

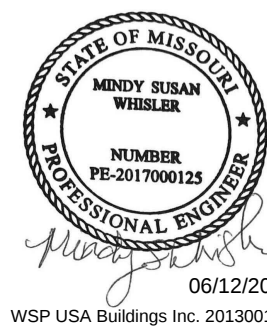
FLOOR PLAN - LEVEL 01 - SPECIAL SYSTEMS

E04-01



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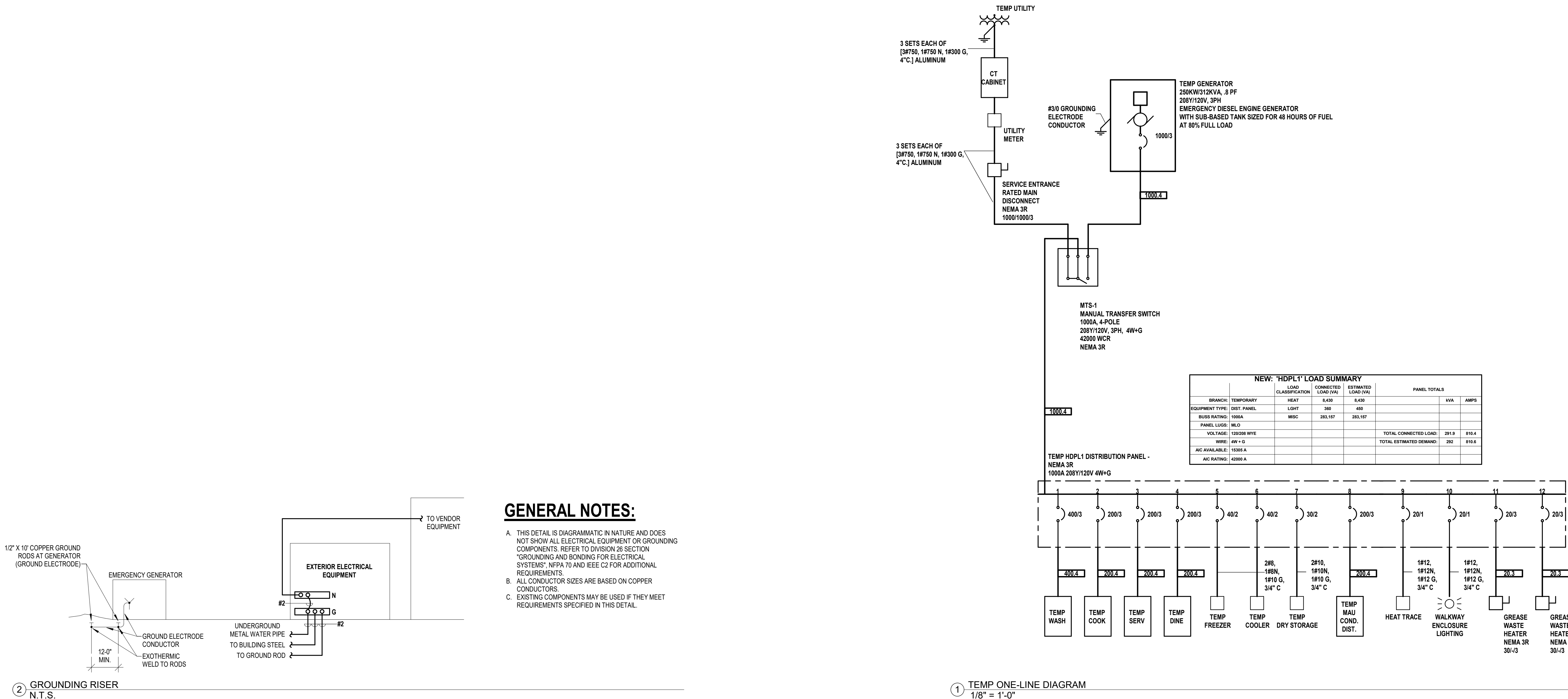
REVISIONS

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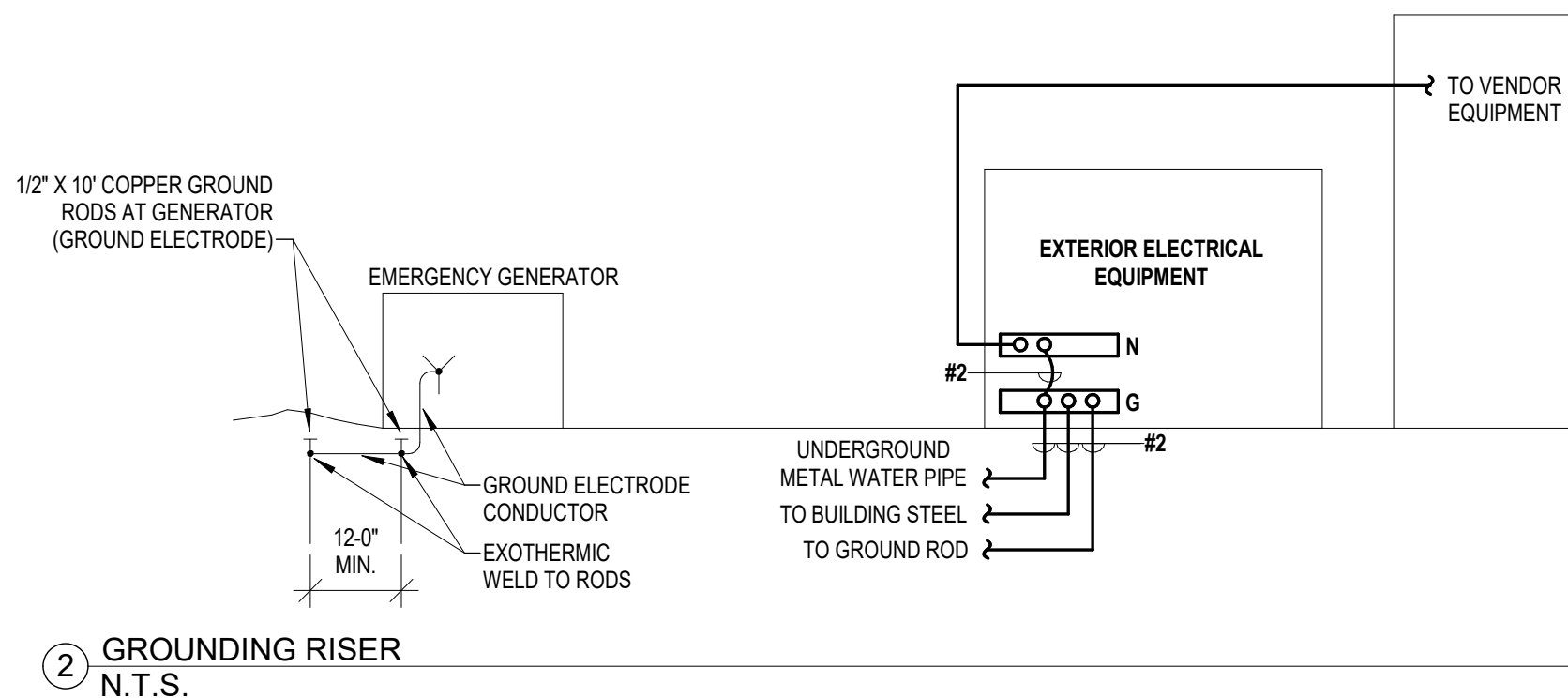
ONE LINE DIAGRAM - ELECTRICAL

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" NIPA 70 AND IEEE C2 FOR ADDITIONAL REQUIREMENTS.
- ALL CONDUCTOR SIZES ARE BASED ON COPPER CONDUCTORS.
- EXISTING COMPONENTS MAY BE USED IF THEY MEET REQUIREMENTS SPECIFIED IN THIS DETAIL.



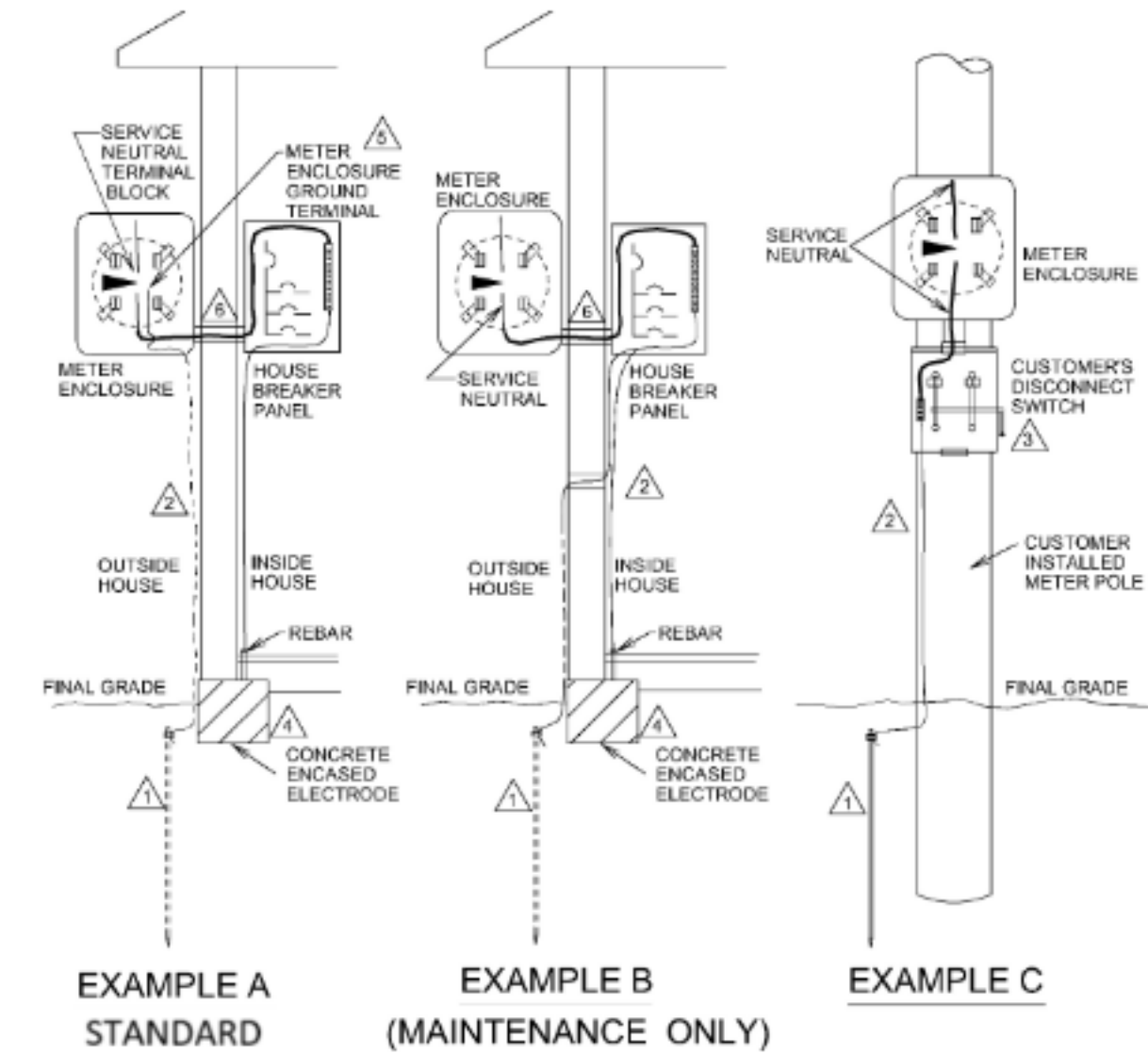
1 TEMP ONE-LINE DIAGRAM
1/8" = 1'-0"

GENERAL NOTES

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



10.2 – Grounding Diagrams



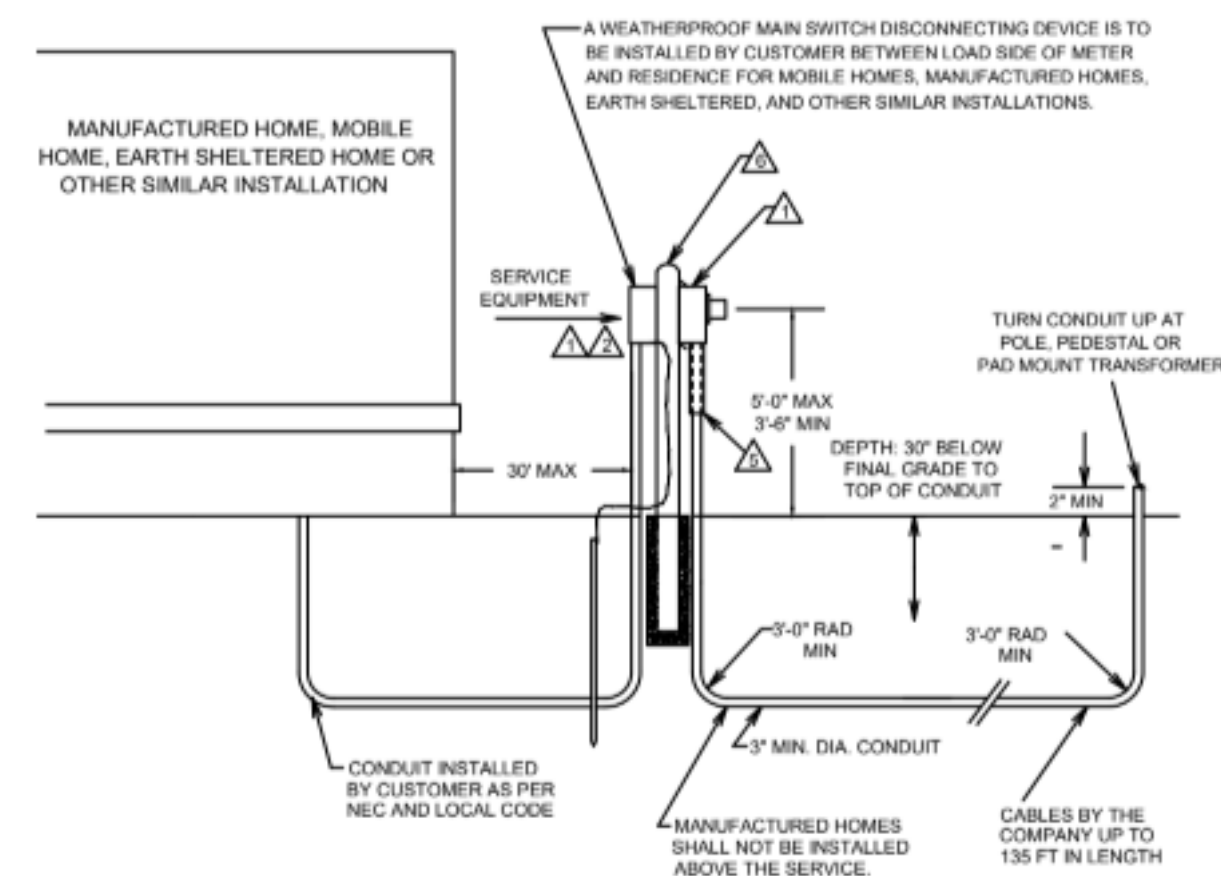
- Notes:
- Customer to install adequate grounding for service entrance according to NEC 250. This may consist of a 5/8" diameter by 8 ft. steel copper clad ground rod that is driven vertically the entire length into undisturbed earth with #6 solid copper wire connected between the ground rod and the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

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Revision: 10/22/2024



10.23 – Service to Mobile and Earth Sheltered Homes



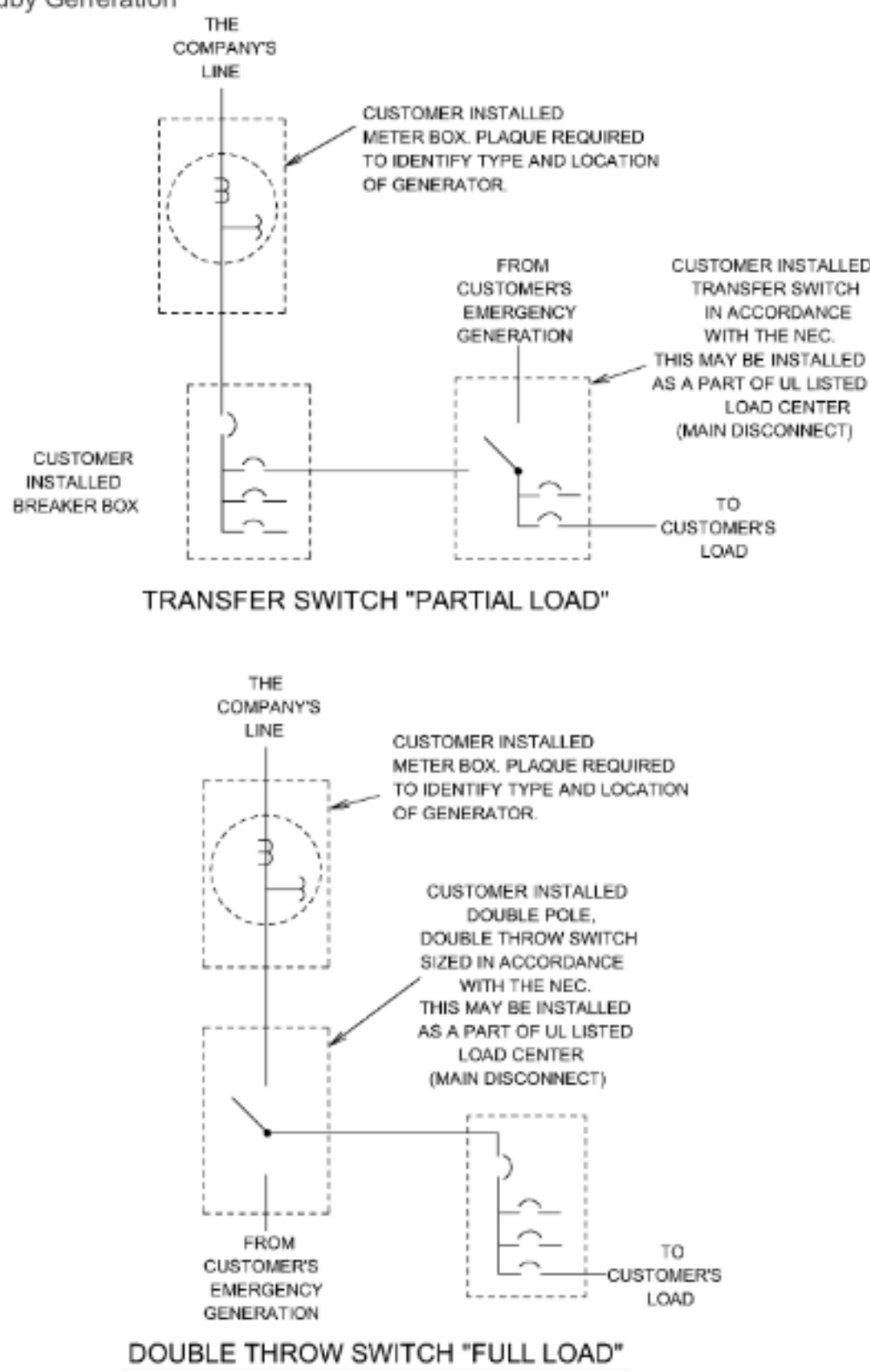
- Notes:
- Customer will supply Company approved meter socket. Customer/developer shall supply all equipment except the meter and cable from the meter to Company facilities. Commercially available U.L. listed meter pedestal with main breaker may be acceptable. Contact the Company's local service center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

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Revision: 10/22/2024



10.39 – Standby Generation



100

Revision: 10/22/2024



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

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Revision: 10/22/2024



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

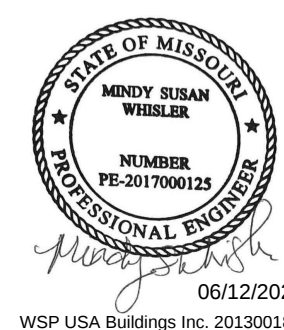
77

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DETAILS - ELECTRICAL

E07-01

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JOB NUMBER: 6406.24.0001

E08-01

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#2G, 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.

6/12/2025 4:11:04 PM
Autodesk Docs: //6406:24 - HCA- Lee's Summit Medical Center (LSMC)- LSMTMP KITCHEN_R23.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.

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 U.N.O. (NOTE 1)	
	HOSPITAL DATA NETWORK ONLY OUTLET	18" AFF	
	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	
	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 WIRELESS SURVEY.	ABOVE ACCESSIBLE CEILING	
VOICE/DATA NOTES: 1. 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. 2. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES. 3. CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHTS OF OUTLETS FOR TELEVISIONS, INFO. MONITORS, DIGITAL SIGNAGE, AND/OR OTHER WALL MOUNTED MONITORS WITH VENDOR PROVIDED MOUNTING BRACKET PRIOR TO ROUGH IN. 4. 48" AFF INDICATES TO TOP OF DEVICE. 18" AFF INDICATES TO CENTER OF DEVICE. 60" AFF INDICATES TO BOTTOM OF DEVICE. 80" AFF INDICATES TO BOTTOM OF DEVICE. ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE. 5. 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)			
	C-CEILING M-MULLION PE-PENDANT T-TURNSTILE	D-DESK P-POLE R-RACK W-WALL	F-FLUSH PA-PARAPET S-SURFACE CO-CORNER
EXAMPLE	SPECIFIC TO DEVICE CAN BE MULTIPLE SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW		XX
	STATIONARY CAMERA E-ENVIRONMENTAL P-POE F-FISHEYE		AS REQD.
VIDEO SURVEILLANCE NOTES: 1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES. 2. REFER TO FLOOR PLANS FOR DEVICE LOCATION LAYOUT. 3. REFER TO ENLARGED COMM ROOM LAYOUT AND TYPICAL EQUIPMENT RACK LAYOUTS FOR EXACT PLACEMENT OF HEADEND EQUIPMENT.			

ABBREVIATIONS

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

TECHNOLOGY GENERAL NOTES:

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



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0972400009
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AGENCY APPROVALS:
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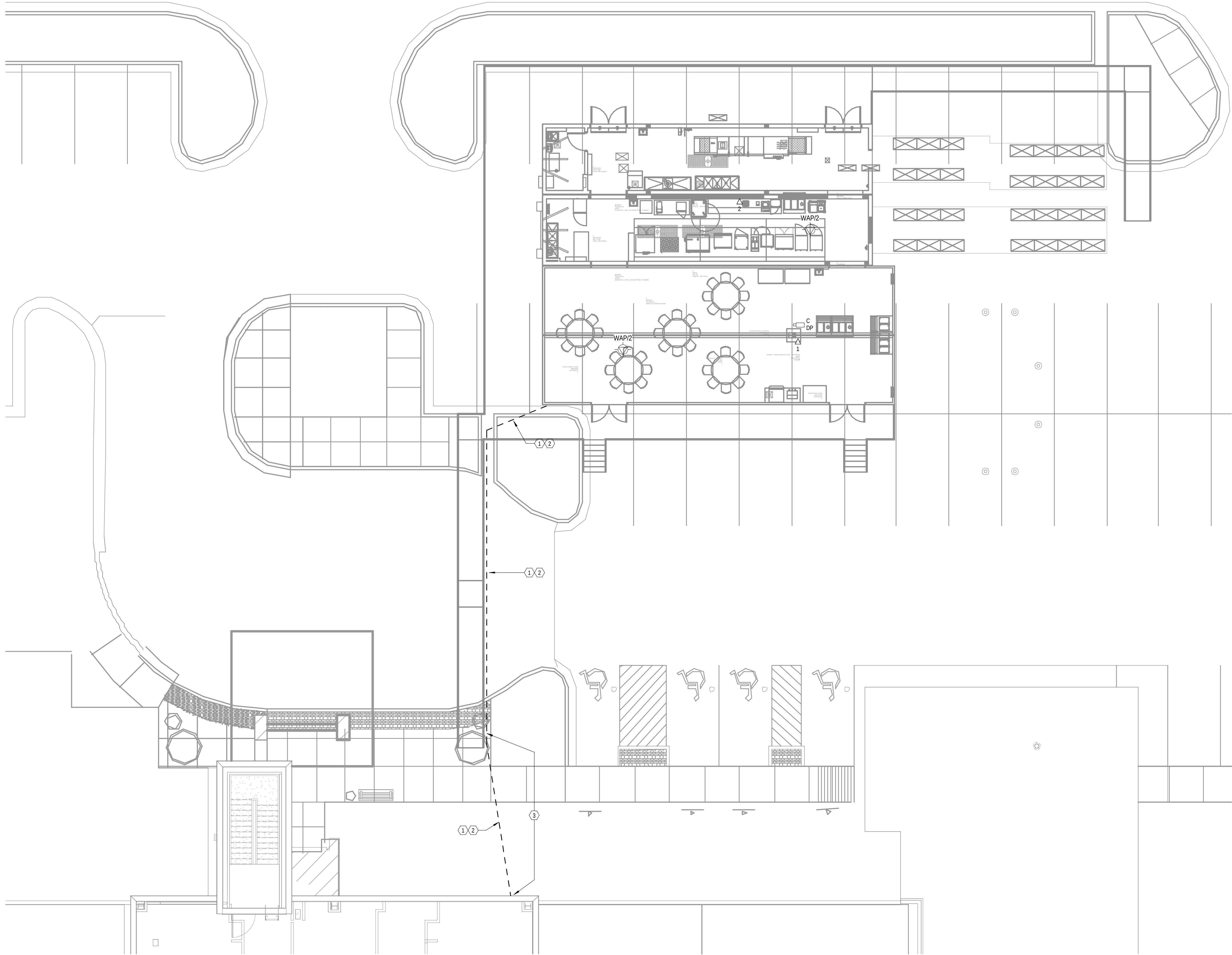
GENERAL INFORMATION -
TECHNOLOGY

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TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE

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

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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 CABLING 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 (GATONTIPPY LITE PART# BL10-SP-10G, OR EQUAL) ON BOTH ENDS OF EACH CAT6A CABLE INSTALLED.
- A CODE-COMPLIANT RAMP COVER (ELASCO PART# MG2200, OR EQUAL) SHALL BE PROVIDED OVER THE CONDUIT PATHWAY WHERE IT CROSSES PEDESTRIAN AREAS (E.G., GROUND OR SIDEWALK), IN ORDER TO MITIGATE TRIP HAZARDS AND MAINTAIN ACCESSIBILITY.



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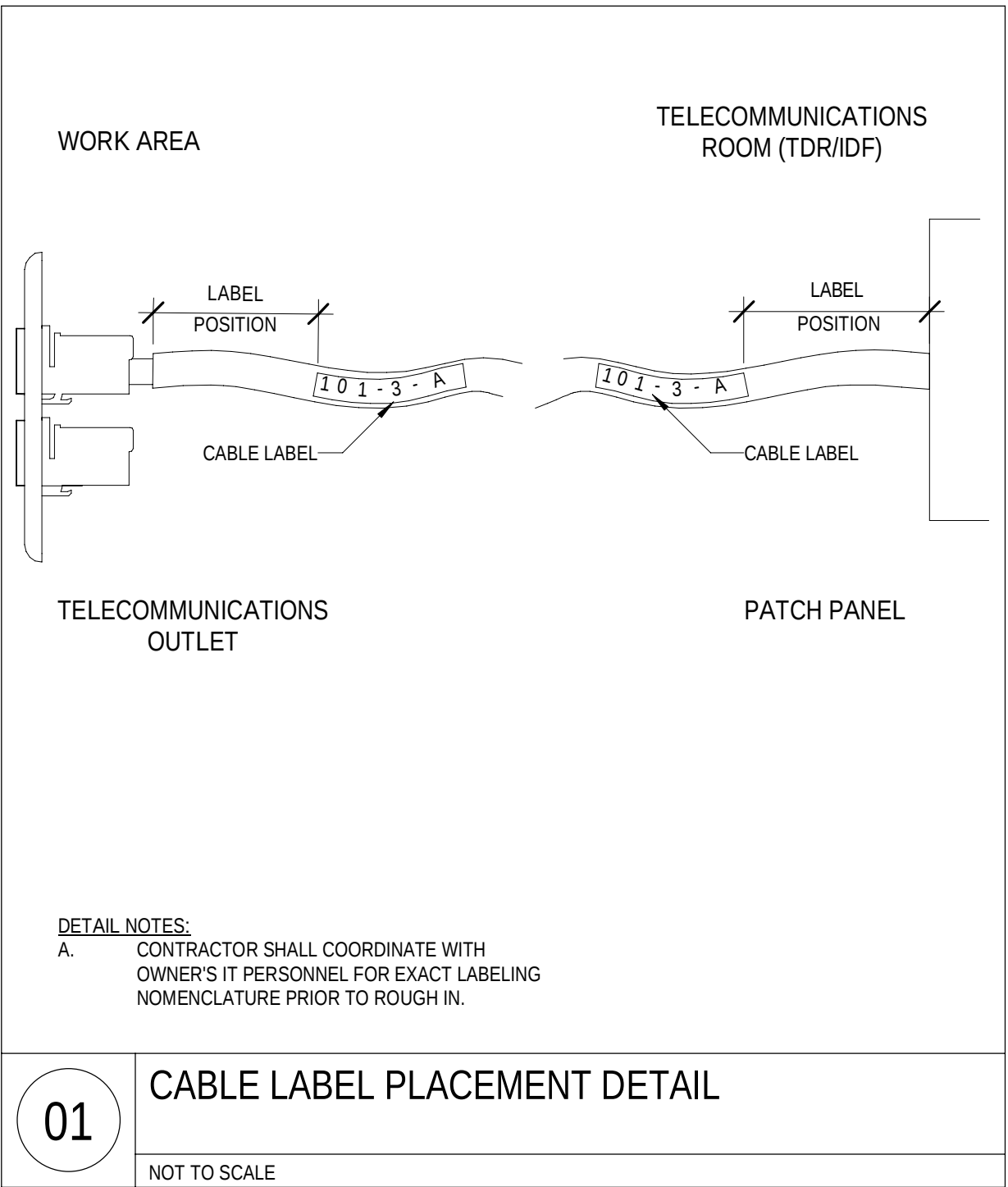
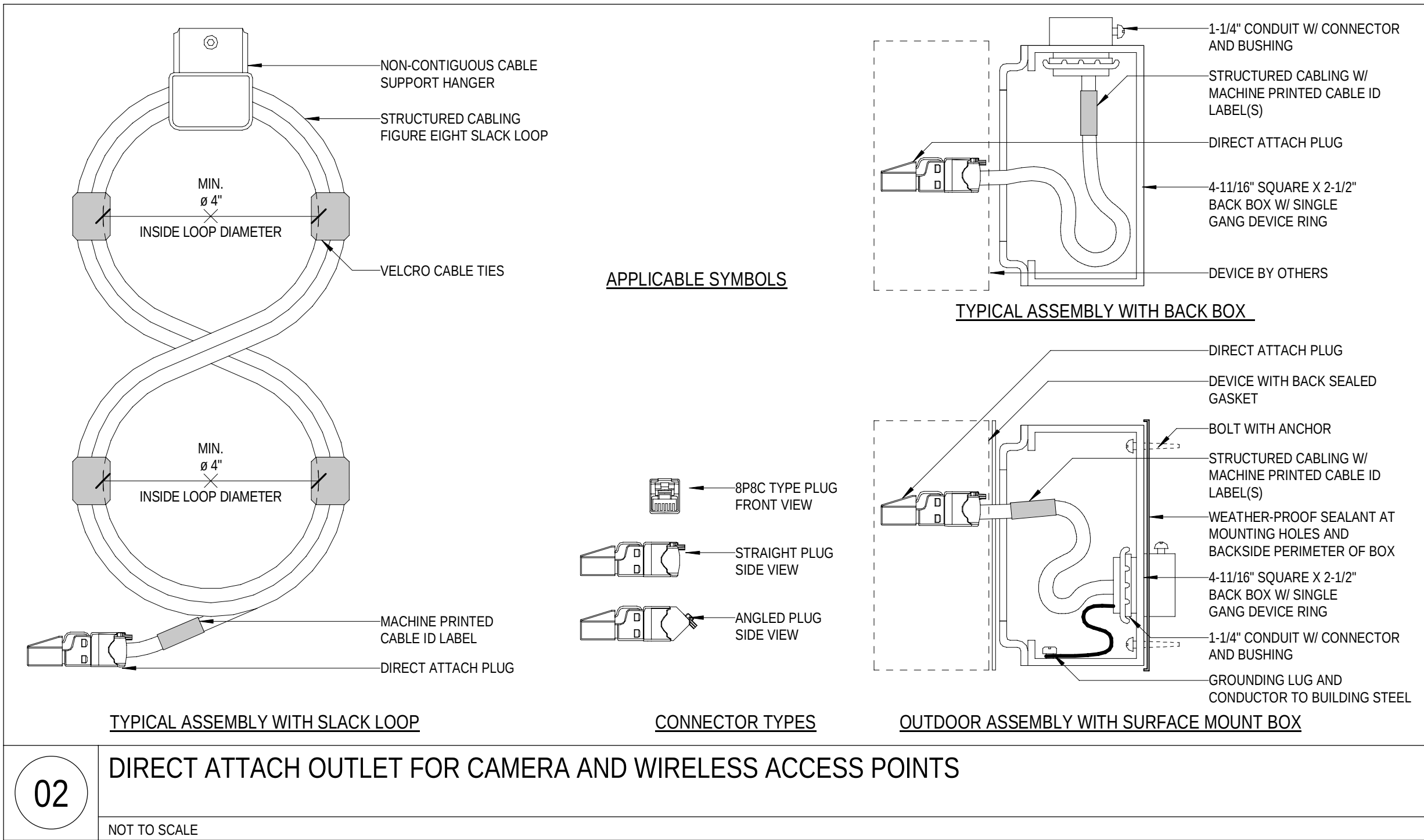
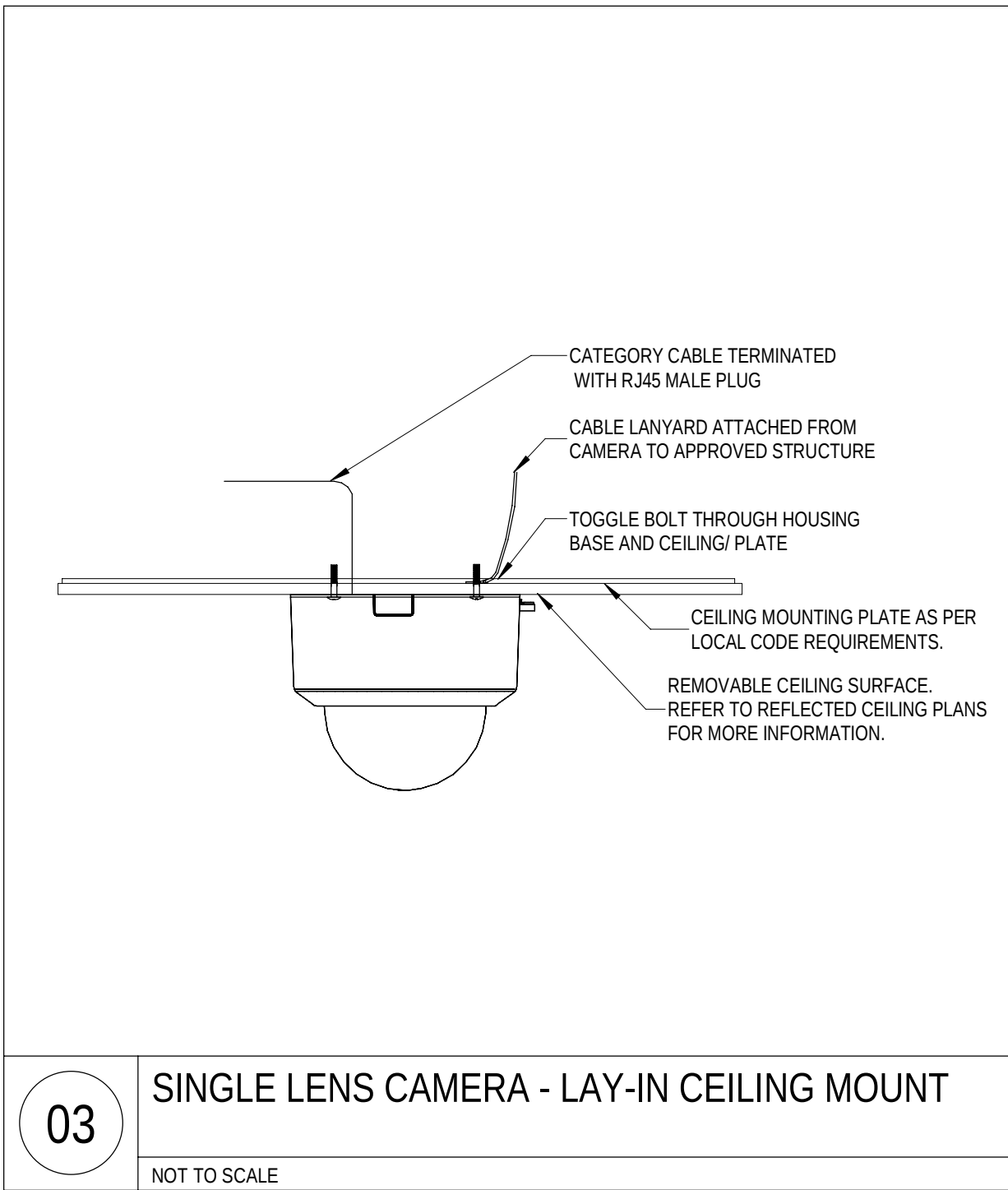
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FLOOR PLAN - LEVEL 01 -
COMMUNICATIONS

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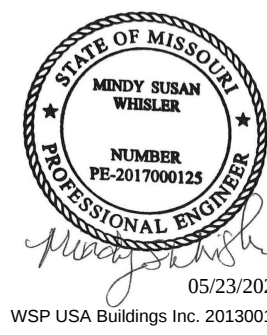
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DETAILS - TECHNOLOGY

T07-01

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