

PULLAR KITCHEN EQUIPMENT REPLACEMENT

CITY OF SAULT STE. MARIE

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SAULT STE. MARIE, MI 49783

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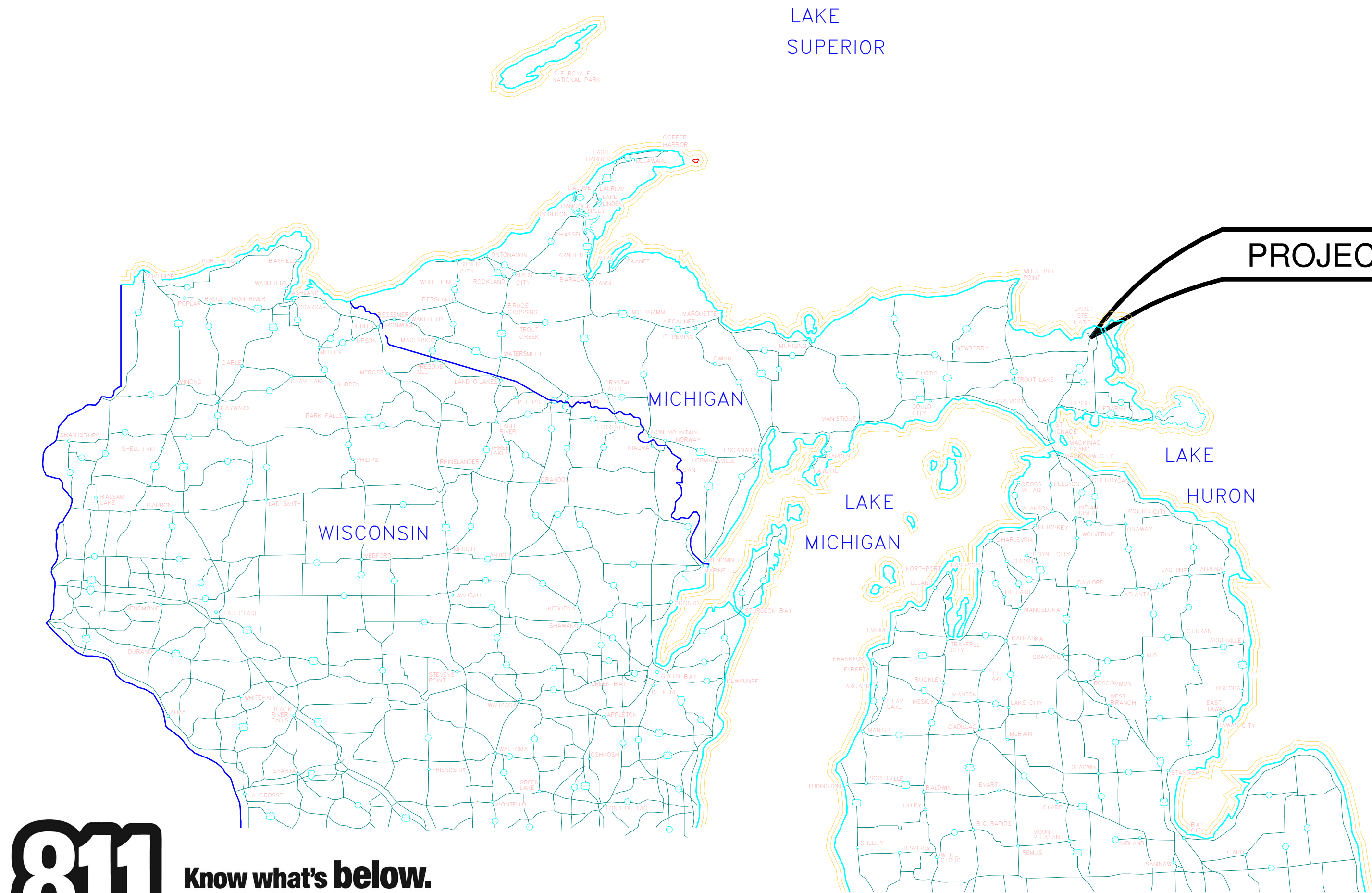


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BUILDING CODE SUMMARY
ZONING:
2015 MICHIGAN BUILDING CODE
2015 MICHIGAN MECHANICAL CODE
2018 MICHIGAN PLUMBING CODE
2015 MICHIGAN ENERGY CODE
2017 NATIONAL ELECTRICAL CODE and MICHIGAN PART 8
USE GROUP: A-4, ARENA ASSEMBLY
CONSTRUCTION TYPE: III-B, NON-COMBUSTIBLE/ COMBUSTIBLE, UNPROTECTED
BUILDING AREA: 31,586 SF

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NUMBER	SHEET NAME
G001	TITLE SHEET
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ME101	MECHANICAL/ ELECTRICAL PLAN
ME501	MECHANICAL/ ELECTRICAL DETAILS AND SCHEDULES
ME701	KITCHEN EQUIPMENT INFORMATION

PROJECT LOCATION



Know what's below.
Call before you dig.

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SAULT STE. MARIE, MI 49783

DATE:

2/09/2024

ISSUED FOR:

BIDDING

PULLAR KITCHEN EQUIPMENT REPLACEMENT

CITY OF SAULT STE. MARIE

PROJECT NO: S14-03447

DESIGNED BY: SP

DRAWN BY: SP

CHECKED: SP

APPROVED: JG

TITLE SHEET

G001

ELECTRICAL ABBREVIATIONS, SYMBOLS AND NOTES

ABBREVIATIONS AND SYMBOLS LEGEND

ABBREVIATIONS

A	AMPERES
AV	PANELBOARD AV
AV	AUDIO/VIDEO
A/V	AUDIO/VIDEO
C	PANELBOARD KPP-C
C.B.	CIRCUIT BREAKER
GFCI	GROUND FAULT CIRCUIT INTERRUPTING
GFI	GROUND FAULT CIRCUIT INTERRUPTING
KVA	KILO-VOLT AMPS (ELECTRIC POWER)
QT	QUAD TUBE (FLUORESCENT LAMP)
TT	TWIN TUBE (FLUORESCENT LAMP)
TYP	TYPICAL
V	VOLT
4W	FOUR WIRE
3ø	THREE PHASE

LIGHTING SYMBOLS

A	LIGHT FIXTURE - RECESSED FLUORESCENT OR LED
	LIGHT FIXTURE - EMERGENCY (WALL MOUNT)
	LIGHT FIXTURE - EXIT/EMERGENCY (DIRECTIONAL ARROWS WHERE INDICATED ON PLANS) (WALL OR CEILING MOUNT)
B	LUMINAIRE - STANDARD FLUORESCENT STRIP LIGHT
○	LUMINAIRE - RECESSED FLUORESCENT OR INCANDESCENT
○	LUMINAIRE - SURFACE MOUNT FLUORESCENT OR INCANDESCENT
C	LIGHT FIXTURE - SURFACE FLUORESCENT OR LED

SWITCHES AND RECEPTACLE SYMBOLS

	DUPLEX RECEPTACLE
	FLOOR RECEPTACLE (GFI PROTECTED WHERE REQUIRED)
	QUAD RECEPTACLE (GFI PROTECTED WHERE REQUIRED)
GFI	GROUND FAULT INTERRUPTING RECEPTACLE. PROVIDE WEATHER-PROOF WHILE IN USE COVER WHERE LOCATED OUTDOORS.
CTR	COUNTERTOP RECEPTACLE (GFCI WHERE REQUIRED)
	TOP SWITCHED RECEPTACLE
IGFI	ISOLATED GROUND RECEPTACLE
	POLE RECEPTACLE
S	SWITCH - SINGLE POLE
S ₃	SWITCH - THREE WAY
S ₄	SWITCH - FOUR WAY
SS	DUAL LEVEL SWITCHING - SWITCH OUTER (2) LAMPS SEPARATE FROM CENTER LAMP
S _K	SWITCH - SINGLE POLE, KEYED
ST	SWITCH - SINGLE POLE, TIMED
SD	SWITCH - DIMMER
SP	SWITCH - PILOT
TC	SWITCH - TIME CLOCK
	SWITCH - PUSH BUTTON
M	OCCUPANCY SENSOR (CEILING MOUNTED)
OSS	OCCUPANCY SENSOR (WALL MOUNTED)
PC	PHOTO CELL

TELEPHONE, DATA AND COMMUNICATION SYMBOLS

	TELEPHONE/DATA OUTLET. PROVIDE 1" CONDUIT WITH PULL STRING PER LOCATION. DATA CABLES AND TERMINATIONS BY OTHERS.
	TELEPHONE/DATA OUTLET - FLOOR MOUNTED
	WIRELESS ACCESS POINT (WAP)
	SPEAKER - WALL MOUNTED
	SPEAKER - CEILING MOUNTED
	INTERCOM
	AMPLIFIER
	CLOCK - WALL MOUNTED
	TELEVISION CABLE OUTLET
J	JUNCTION BOX
J	JUNCTION BOX
	SECURITY CAMERA (OUTDOOR/INDOOR PER PLAN)
DA	DOOR ALARM KEYPAD. PROVIDE 1" CONDUIT WITH PULL STRING PER LOCATION. DATA CABLES AND TERMINATIONS BY OTHERS.

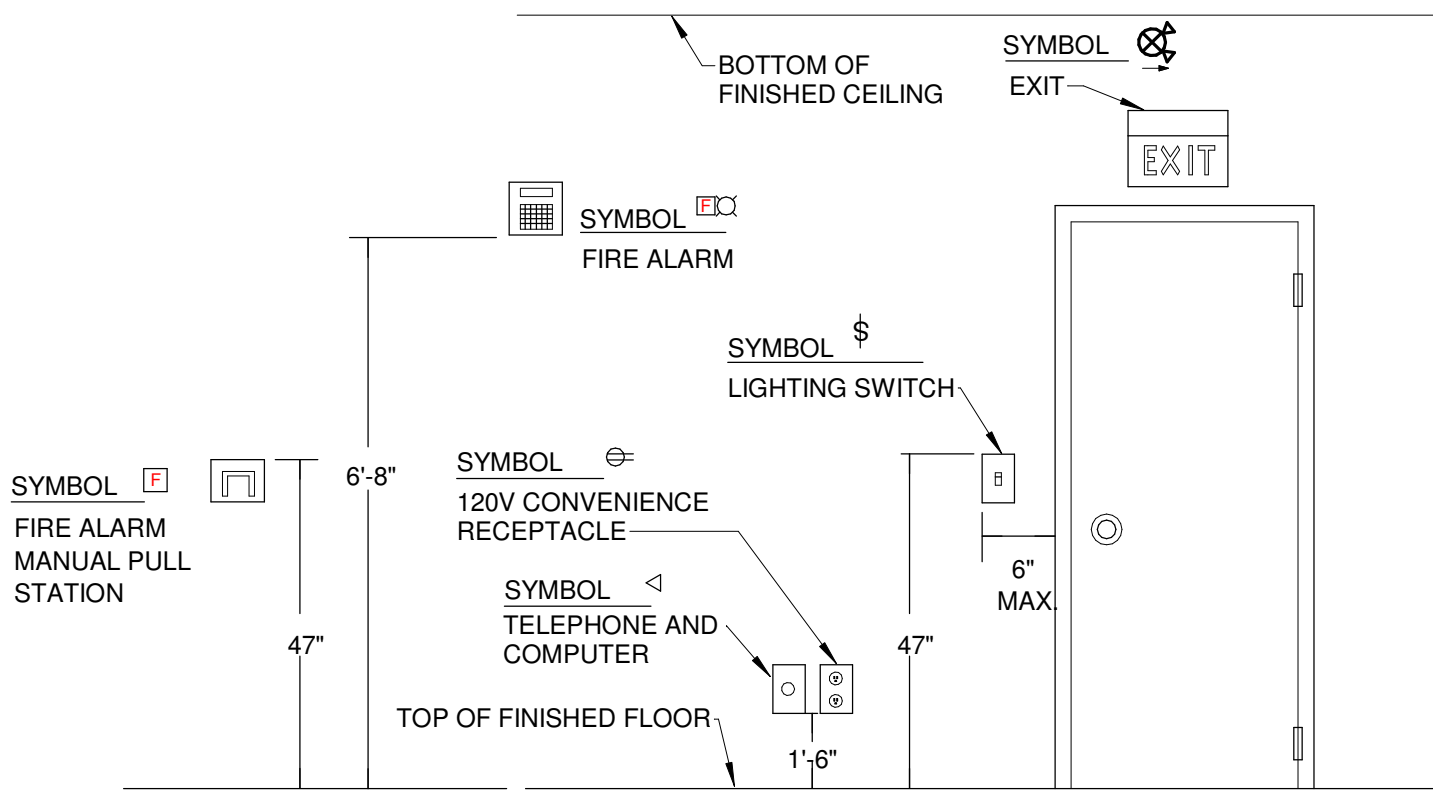
MISCELLANEOUS SYMBOLS

	DISCONNECT
	FUSED DISCONNECT
	STARTER DISCONNECT
	CONNECTION TO MOTOR
	THERMOSTAT
	TRANSFORMER
	IN-LINE FUSE
	GROUND
	ELECTRIC METER
	FUSED SWITCH
	NORMALLY CLOSED CONTACT
	NORMALLY OPEN CONTACT
	CIRCUIT BREAKER WITH SIZE AS NOTED
	NORMALLY CLOSED SWITCH
	NORMALLY OPEN SWITCH
	DISCONNECT
	AUTOMATIC TRANSFER SWITCH (ATS)
	PANEL - SURFACE MOUNT
	PANEL - RECESSED

FIRE SAFETY AND ALARM SYMBOLS

FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM BOOSTER PANEL
	SMOKE DETECTOR
	HEAT DETECTOR
	CARBON MONOXIDE DETECTOR
	DUCT SMOKE DETECTOR
	MANUAL PULL STATION
	FIRE ALARM HORN/STROBE (WALL MOUNTED)
	FIRE ALARM HORN/STROBE (CEILING MOUNTED)
	FIRE ALARM HORN/STROBE (WALL MOUNTED)
FS	FLOW SWITCH
TS	TAMPER SWITCH
	FIRE ALARM SPEAKER
ELR	END OF LINE RESISTOR
	MAGNETIC DOOR HOLD OPEN
G	GONG

NOTES & DETAILS



NOTE:
VERIFY HEIGHTS SHOWN COMPLY WITH LOCAL BUILDING CODE.

TYPICAL DEVICE MOUNTING HEIGHT

GENERAL NOTES:

- IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO NOTIFY OTHER CONTRACTORS TO ARRANGE CLEARANCES AND ACCESS OPENINGS FOR ALL LARGE ELECTRICAL EQUIPMENT.
- IT SHALL BE UNDERSTOOD THAT THE ACT OF SUBMITTING A BID BY THE CONTRACTOR CARRIES WITH IT THE AGREEMENT TO ALL ITEMS AND CONDITIONS REFERRED OR IMPLIED ON THE DRAWINGS AND THE SPECIFICATIONS AND NO CONSIDERATION WILL BE GRANTED FOR ANY ALLEGED MISUNDERSTANDING OF MATERIALS TO BE FURNISHED FOR WORK TO BE DONE.
- THE ELECTRICAL INSTALLATION SHALL COMPLY WITH RULES AND REGULATIONS OF THE LATEST EDITION OF THE OCCUPATIONAL SAFETY AND HEALTH ACT, NATIONAL ELECTRICAL CODE, STATE ELECTRICAL CODE, LOCAL MUNICIPAL CODE AND ANY OTHER BOARD HAVING JURISDICTION OVER THE ELECTRICAL INSTALLATION.
- THE ELECTRICAL CONTRACTOR SHALL NOT ASSUME THAT ANY DRAWING OR SPECIFICATION FORMING A PART OF THE CONTRACT DOCUMENTS AUTHORIZES THE VIOLATION OF ANY CODE, REGULATION OR STANDARD. WHERE CONFLICTS ARISE, IT SHALL BE DEEMED THAT THE CONTRACTOR HAS ESTIMATED THE COST OF ALL WORK TO BE COMPLETED IN ACCORD WITH THE PREVAILING CODE.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR ELECTRICAL WORK AND SHALL PAY ALL REQUIRED FEES AND SALES OR USE TAX AND FINES AS APPLICABLE TO THIS BRANCH OF WORK.
- UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL DELIVER TO THE OWNER WITHOUT COST ALL REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.
- THE INTENT AND OBJECT OF THESE SPECIFICATIONS AND DRAWINGS IS TO INCLUDE A COMPLETE WIRING SYSTEM FROM SERVICE PANEL TO EACH AND EVERY OUTLET INDICATED OR SPECIFIED, INCLUDING CONNECTING ALL ELECTRICAL DEVICES AND/OR EQUIPMENT FURNISHED BY THE OWNER OR OTHER CONTRACTORS.
- THE DRAWINGS, WHICH CONSTITUTE A PART OF THE CONTRACT, ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF CIRCUITS AND OUTLETS, LOCATION OF SWITCHES, PANELBOARD AND OTHER WORK, BUT EXTREME ACCURACY IS NOT GUARANTEED AND FIELD VERIFICATION OF ALL LOCATIONS AND DIMENSIONS IS DIRECTED.
- GROUND ALL EQUIPMENT INCLUDING CONDUIT, RECEPTACLES, LIGHTING, MOTORS, PIPING AS PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, AND AS SHOWN ON THESE DRAWINGS.
- PROVIDE ONLY MATERIALS THAT ARE NEW OF THE TYPE AND QUALITY SPECIFIED, WHERE UNDERWRITERS LABORATORIES HAVE ESTABLISHED STANDARDS FOR SUCH MATERIALS, PROVIDE ONLY MATERIALS BEARING THE U.L. LABEL.
- ARCHITECTURAL DRAWINGS SHOWING DIMENSIONS FOR ELECTRICAL DEVICES TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS.
- SYSTEMS SHALL BE FREE FROM SHORTS AND GROUNDS. TEST FOR MECHANICAL AND ELECTRICAL DEFECTS. VERIFY CORRECT CONNECTION OF HOT, NEUTRAL AND GROUND CONDUCTORS. ALL CONDUCTORS SHALL BE COLOR CODED AND LABELED WITH ZONE IDENTIFICATION FOR THE CASE OF LIGHTING.
- WHEN MATERIAL AND/OR WORKMANSHIP IS FOUND NOT TO COMPLY WITH THE SPECIFIED REQUIREMENTS, WITHIN THREE DAYS AFTER RECEIPT OF NOTICE OF SUCH NON-COMPLIANCE, REMOVE THE NON-COMPLYING ITEMS FROM THE JOB AND REPLACE WITH NEW ITEMS MEETING THE REQUIREMENTS. COSTS FOR REPAIR OF NON-COMPLIANCE WORK SHALL BE BY THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
- UPON COMPLETION OF THE WORK, THOROUGHLY CLEAN ALL DEVICES AND EQUIPMENT.
- ALL TELECOM, TV CABLE AND DATA CABLE SHALL BE DEDICATED RUNS FROM THE OUTLET LOCATIONS TO THE BACKBOARD LOCATION.
- WORK ASSIGNMENTS INFERRED BY THE DRAWINGS AND NOTES INCLUDED IN THESE PROJECT DOCUMENTS ARE INFORMATIONAL ONLY AND ARE NOT INTENDED TO RELIEVE THE BIDDING CONTRACTOR OF HIS OBLIGATION TO THE OWNER TO PROVIDE A COMPLETE AND COORDINATED PROJECT. COMPREHENSIVE SUBCONTRACTOR COORDINATION AND FINAL WORK ASSIGNMENTS TO SUBCONTRACTORS ARE THE SOLE RESPONSIBILITY OF THE BIDDING CONTRACTOR.



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ELECTRICAL ABBREVIATIONS

E001

ABBREVIATIONS

ACCU	AIR COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
APD	AIR PRESSURE DROP
AS	AIR SEPERATOR
B	BOILER
BB	BASEBOARD
BC	BOOSTER COIL
BDD	BACKDRAFT DAMPER
BFG	BELOW FINISHED GRADE
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSE POWER
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BT	BATH TUB
BTU	BRITISH THERMAL UNITS
BTUH	BRITISH THERMAL UNITS PER HOUR
C	CONVECTOR
CA	COMPRESSED AIR
CB	CATCH BASIN
CC	COOLING COIL
CCF	100 CUBIC FEET
CD	CEILING DIFFUSER
CF	CUBIC FEET
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFP	CLEAN OUT FERRULE AND PLUG
CH	CHILLER
CI	CAST IRON
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CO	CLEAN OUT
CO	CARBON MONOXIDE
COND	CONDENSATE
CO2	CARBON DIOXIDE
CT	COOLING TOWER
CU	CONDENSING UNIT
CU FT	CUBIC FOOT
CUH	CABINET UNIT HEATER
CW	COLD WATER
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D	DIFFUSER
DB	DRY BULB
DEG F	DEGREE FAHRENHEIT
DI	DRINKING FOUNTAIN
DIA	DIGITAL INPUT
DN	DIAMETER
DO	DOWN
DVV	DIGITAL OUTPUT
DVV	DRAIN, WASTE AND VENT
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EG	EXHAUST AIR GRILLE
ELEV	ELEVATION
ER	EXHAUST AIR REGISTER
EUH	ELECTRIC UNIT HEATER
EW	ELECTRIC WATER COOLER
EW	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
EXH	EXHAUST
F	FURNACE
FAI	FRESH AIR INTAKE
FBO	FURNISHED BY OTHERS
FC	FAN COIL
FD	FLOOR DRAIN
FD	FIRE DAMPER
FIN	FIN TUBE RADIATION
FLG	FLANGE
FP	FIRE PROTECTION
FS	FEET PER MINUTE
FT	FOOT OR FEET
F&T	FLOAT AND THERMOSTATIC TRAP
G	GAS (NATURAL)
GAL	GALLON
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GT	GREASE TRAP
H	HYDROGEN
HB	HOSE BIBB
HC	HEATING COIL
HCO	HORIZONTAL CLEANOUT
HP	HORSE POWER
HTR	HEATER
HVAC	HEATING, VENTILATING & AIR COND
HW	HOT WATER
HWC	HOT WATER RECIRCULATING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
IE	INVERT ELEVATION
IF	INLINE FAN
IN	INCH OR INCHES
IP	IRON PIPE
INV	INVERT
IWH	INSTANTNEOUS WATER HEATER

JAN	JANITOR
JC	JANITOR'S CLOSET
JS	JANITOR'S SINK
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LBS	POUNDS
LHWR	LOW TEMPERATURE HOT WATER
RETURN	LOW TEMPERATURE HOT WATER
LHWS	LOW TEMPERATURE HOT WATER
SUPPLY	LOW TEMPERATURE HOT WATER
LQ	LIQUID (REFRIGERATION)
LV	LOUVER
LW	PROPANE GAS (LIQUID)
LWT	LEAVING WATER TEMPERATURE
M	METER
MAU	MAKE-UP AIR HANDLING UNIT
MAX	MAXIMUM
MB	MOP BASIN
MBH	BRITISH THERMAL UNITS (1000)
MBTUH	BRITISH THERMAL UNITS (1000)
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT
PROTECTION	
N2O	NITROUS OXIDE
NC	NORMALLY CLOSED
NC	NOT INCLUDED OR NOT IN CONTRACT
NIC	NITROGEN
NIT	NITROGEN
NO	NORMALLY OPEN
OA	OUTDOOR AIR
OAI	OUTDOOR AIR INTAKE
OC	ON CENTER
OD	OVERFLOW DRAIN
ODP	OPEN DRIP PROOF
OXY	OXYGEN
P	PUMP
PC	PLUMBING CONTRACTOR
PD	PNEUMATIC OPERATED DAMPER
PV	POST INDICATING VALVE
PRV	PRESSURE REDUCING VALVE
PT	PRESSURE TEMPERATURE PLUG
PTAC	PACKAGED TERMINAL AIR COND. UNIT
PVAC	PROCESS VACUUM
R	REGISTER
RA	RETURN AIR
RD	ROOF DRAIN
RET	RETURN
RF	RETURN FAN
RG	RETURN AIR GRILLE
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
RR	RETURN REGISTER
RTU	ROOF TOP UNIT
S	SINK
SA	SUPPLY AIR
SAD	SUPPLY AIR DIFFUSER
SAF	SUPPLY AIR FAN
SAN	SANITARY SEWER
SD	SMOKE DETECTOR
SG	SUPPLY AIR GRILLE
SH	SHOWER HEAD
SHC	STEAM HEATING COIL
SR	SUPPLY REGISTER
SS	STAINLESS STEEL
ST	STORM
STM	STEAM
SUCT	SUCTION (REFRIGERATION)
TCC	TEMPERATURE CONTROL CONTRACTOR
TCD	TEMPERATURE CONTROL DAMPER
TCP	TEMPERATURE CONTROL PANEL
TD	TRANSFER DUCT
TG	TRANSFER AIR GRILLE
TT	THERMOSTATIC TRAP
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME BOX
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VS	VENT STACK (SANITARY)
VTR	VENT THRU ROOF (SANITARY)
VUV	VERTICAL UNIT VENTILATOR
W	WASTE
WB	WET BULB
WC	WATER CLOSET
W/O	WITHOUT
WH	WATER HEATER
WSHP	WATER SOURCE HEAT PUMP
NOTE:	NOT ALL ABBREVIATIONS AND/OR SYMBOLS ARE USED IN THIS SET OF DOCUMENTS.

SYMBOL LEGEND

	SUPPLY AIR DIFFUSER
	LINEAR DIFFUSER
	RETURN OR EXHAUST AIR GRILLE
	EXHAUST FAN - ROOF
	FRESH AIR INTAKE HOOD - ROOF
	RELIEF AIR HOOD - ROOF
	SUPPLY REGISTER
	RETURN OR EXHAUST REGISTER
	SQUARE TO ROUND TRANSITION
	VOLUME CONTROL DAMPER
	FIRE / SMOKE DAMPER (RATING DETERMINED BY WALL TYPE)
	MOTORIZED DAMPER
	DUCT SMOKE DETECTOR
	THERMOSTAT - 60° A.F.F.
	HUMIDISTAT - 60° A.F.F.
	AIR FLOW
	SUPPLY AIR DUCT UP
	SUPPLY AIR DUCT DOWN
	RETURN AIR DUCT UP
	RETURN AIR DUCT DOWN
	EXHAUST AIR DUCT UP
	EXHAUST AIR DUCT DOWN
	BALL VALVE
	BUTTERFLY VALVE
	CIRCUIT SETTER
	CHECK VALVE
	GATE VALVE
	GLOBE VALVE
	2-WAY CONTROL VALVE
	3-WAY CONTROL VALVE
	PRESSURE RELIEF VALVE
	BALANCE VALVE
	INLINE PUMP
	STRAINER
	CAP
	PIPING 90
	PIPING "T"
	METER
	CONNECTION TO EXISTING

PLUMBING PIPING

	CW	DOMESTIC COLD WATER - EXISTING
	- - - - - CW - - - - -	DOMESTIC COLD WATER - DEMO
	CW	DOMESTIC COLD WATER - NEW
	HW	DOMESTIC HOT WATER - EXISTING
	- - - - - HW - - - - -	DOMESTIC HOT WATER - DEMO
	HW	DOMESTIC HOT WATER - NEW
	HWC	DOMESTIC HOT WATER RECIRC - EXISTING
	- - - - - HWC - - - - -	DOMESTIC HOT WATER RECIRC DEMO
	HWC	DOMESTIC HOT WATER RECIRC - NEW
	SAN	SANITARY - EXISTING
	- - - - - SAN - - - - -	SANITARY - DEMO
	SAN	SANITARY - NEW
	V	VENT - EXISTING
	- - - - - V - - - - -	VENT - DEMO
	V	VENT - NEW
	ST	STORM - EXISTING
	- - - - - ST - - - - -	STORM - DEMO
	ST	STORM - NEW
	OD	OVERFLOW STORM - EXISTING
	- - - - - OD - - - - -	OVERFLOW STORM - DEMO
	OD	OVERFLOW STORM - NEW
	G	GAS - EXISTING
	- - - - - G - - - - -	GAS - DEMO
	G	GAS - NEW

DUCTWORK

	24x14 SA	SUPPLY AIR DUCT - EXISTING
	24x14 SA	SUPPLY AIR DUCT - DEMO
	24x14 SA	SUPPLY AIR DUCT - NEW
	24x14 RA	RETURN AIR DUCT - EXISTING
	24x14 RA	RETURN AIR DUCT - DEMO
	24x14 RA	RETURN AIR DUCT - NEW
	24x14 OA	OUTSIDE AIR DUCT - EXISTING
	24x14 OA	OUTSIDE AIR DUCT - DEMO
	24x14 OA	OUTSIDE AIR DUCT - NEW
	24x14 EA	EXHAUST AIR DUCT - EXISTING
	24x14 EA	EXHAUST AIR DUCT - DEMO
	24x14 EA	EXHAUST AIR DUCT - NEW

MECHANICAL PIPING

	HWS	HYDRONIC HOT WATER SUPPLY - EXISTING
	- - - - - HWS - - - - -	HYDRONIC HOT WATER SUPPLY - DEMO
	HWS	HYDRONIC HOT WATER SUPPLY - NEW
	HWR	HYDRONIC HOT WATER RETURN - EXISTING
	- - - - - HWR - - - - -	HYDRONIC HOT WATER RETURN - DEMO
	HWR	HYDRONIC HOT WATER RETURN - NEW
	FP	FIRE PROTECTION - EXISTING
	- - - - - FP - - - - -	FIRE PROTECTION - DEMO
	FP	FIRE PROTECTION - NEW
	CDS	CONDENSOR WATER SUPPLY
	- - - - - CDS - - - - -	CONDENSOR WATER SUPPLY - DEMO
	CDS	CONDENSOR WATER SUPPLY - EXIST
	CDR	CONDENSOR WATER RETURN
	- - - - - CDR - - - - -	CONDENSOR WATER RETURN - DEMO
	CDR	CONDENSOR WATER RETURN - EXIST
	CHWS	CHILLED WATER SUPPLY
	- - - - - CHWS - - - - -	CHILLED WATER SUPPLY - DEMO
	CHWS	CHILLED WATER SUPPLY - EXIST
	CHWR	CHILLED WATER RETURN
	- - - - - CHWR - - - - -	CHILLED WATER RETURN - DEMO
	CHWR	CHILLED WATER RETURN - EXIST
	AIR	COMPRESSED AIR - EXISTING
	- - - - - AIR - - - - -	COMPRESSED AIR - DEMO
	AIR	COMPRESSED AIR - NEW
	STM	STEAM - EXISTING
	- - - - - STM - - - - -	STEAM - DEMO
	STM	STEAM - NEW
	C	CONDENSATE - EXISTING
	- - - - - C - - - - -	CONDENSATE - DEMO
	C	CONDENSATE - NEW

NOTES

MECHANICAL/PLUMBING AND FIRE PROTECTION GENERAL NOTES

- THESE DRAWINGS ARE DIAGRAMMATIC IN CHARACTER AND DO NOT NECESSARILY INDICATE EVERY OFFSET, VALVE, FITTING, ETC. REQUIRED. CONTRACTOR IS RESPONSIBLE FOR FIELD ROUTING ALL DUCTWORK AND PIPING AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS AND OPERATIONS AND PERFORM ALL LABOR REQUIRED FOR INSTALLATIONS AS INDICATED THE DRAWINGS, IN THE SPECIFICATIONS AND AS REQUIRED BY LOCAL, STATE AND FEDERAL CODES, AND AS MAY BE REASONABLY IMPLIED TO ACCOMPLISH COMPLETE MECHANICAL, PLUMBING AND FIRE PROTECTION SYSTEMS.
- ALL ELECTRICAL DISCONNECTS REQUIRED PER NEC CODE SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PROVIDE PRODUCTS AS SPECIFIED ON THE DRAWINGS AND SPECIFICATIONS, HOWEVER, WHERE THE WORDS "EQUAL TO" ARE USED, ADDITIONAL PRODUCTS MAY BE SUBMITTED AS PROPOSED SUBSTITUTIONS, BUT REQUIRE APPROVAL FROM ARCHITECT/ENGINEER.
- DESIGN DRAWINGS SHOW GENERAL ARRANGEMENT AND EXTENT OF WORK. THE DRAWINGS ARE DIAGRAMMATIC AND MAY NOT NECESSARILY BE DRAWN TO SCALE FOR PURPOSE OF CLARITY AND LEGIBILITY. IT IS INTENDED THAT ALL ITEMS BE LOCATED SYMMETRICALLY WITH ARCHITECTURAL ELEMENTS WHERE FEASIBLE AND BE INSTALLED TO AVOID OBSTRUCTIONS AND PRESERVE HEADROOM. CONTRACTOR SHALL REVIEW PLANS OF OTHER TRADES WITH HIS OWN WORK TO AVOID CONFLICTS AND INTERFERENCES. CONTRACTOR MUST MAKE USE OF ALL SOURCES OF INFORMATION INCLUDING DRAWINGS OF EQUIPMENT FURNISHED BY OTHERS. FAILURE TO REVIEW WORKING SPACES OR CHECK DIMENSIONS IN QUESTION SHALL NOT WARRANT CONFLICTS.
- DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLIMENTARY. WHERE DRAWINGS AND SPECIFICATIONS CONFLICT EACH OTHER, IT IS THE CONTRACTORS RESPONSIBILITY TO GET CLARIFICATION FROM THE ARCHITECT/ENGINEER PRIOR TO BIDDING. FAILURE TO GET CLARIFICATION SHALL NOT RESULT IN ADDITIONAL COST AND THE MORE STRINGENT SHALL BE USED AS INTENDED BASIS FOR BIDDING.
- PLANS AND SPECIFICATIONS ARE INTENDED TO CONFORM TO GOVERNING CODES AND STANDARDS. IF NON-CONFORMITIES ARE DISCOVERED WHILE BIDDING, OR PERFORMING THE WORK IMPLIED, BRING THE SAME TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION IN WRITING PRIOR TO SUBMITTING BID OR PROCEEDING WITH WORK. NON-CONFORMITIES OF CODE COMPLIANCE WORK INSTALLED AND CORRECTIONS REQUIRED WITHOUT CONSULTATION AND WRITTEN RESPONSE OF SAME BY THE ENGINEER WILL BE THE CONTRACTORS FINANCIAL RESPONSIBILITY.
- MOTORS SHALL BE PROVIDED BY MECHANICAL CONTRACTOR AS REQUIRED BY THE EQUIPMENT FURNISHED BY THE MECHANICAL CONTRACTOR. MOTORS TO BE SUITABLE FOR LOAD, DUTY, VOLTAGE, FREQUENCY, HAZARD, SERVICE AND LOCATION INTENDED. SINGLE PHASE MOTORS MUST HAVE INTEGRAL THERMAL OVERLOAD PROTECTION IN ADDITION TO THAT PROVIDED IN MOTOR CONTROLLERS. MOTORS TO CONFORM IN DESIGN AND PERFORMANCE TO THE MOTOR STANDARDS OF NEMA. MOTORS RATED FOR CONTINUOUS DUTY UNDER FULL LOAD WITH A MAXIMUM TEMPERATURE RISE OF 105 DEG F FOR OPEN, 125 DEG F FOR DRIP PROOF AND 130 DEG F FOR EXPLOSION PROOF AND TOTALLY ENCLOSED TYPES. SUPPLY MOTORS WITH BELT DRIVES WITH ADJUSTABLE BASES, REMOVABLE BELT GUARDS AND VARIABLE PITCH DRIVE PULLEY SELECTED SO THAT MIDPOINT OF VARIABLE RANGE OF PULLEY WILL DRIVE EQUIPMENT AT RATED SPEED. MOTORS 1 HP AND LARGER SHALL BE THREE PHASE (UNLESS OTHERWISE LISTED).
- MOTOR CONTROLLERS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR FOR MOTORS FURNISHED BY THE MECHANICAL CONTRACTOR. MOTOR CONTROLLERS SHALL BE OF SIZES AND TYPES AS NEEDED TO MEET THE OPERATIONAL CONDITIONS AS REQUIRED BY THE SEQUENCE OF OPERATION. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL THE POWER CIRCUIT, LOCAL DISCONNECT AND CONNECTION TO MOTOR TERMINALS. MECHANICAL CONTRACTOR TO MOUNT MOTOR CONTROLLERS AND CONTROL COMPONENTS AND WIRE AND MAKE ALL FINAL CONTROL CONNECTIONS BETWEEN DEVICES.
- THE DRAWINGS INDICATE KNOWN UTILITY AND DRAINAGE LINES IN ACCORDANCE WITH THE INFORMATION FURNISHED TO THE ENGINEER. RESPONSIBILITY FOR LOCATING, UNCOVERING, DISPOSING OR MAINTAINING ALL EXISTING UTILITY LINES TO REST SOLELY WITH THE CONTRACTOR. VERIFY LOCATIONS AND DEPTHS OF SERVICE CONNECTION POINTS BEFORE PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR SHALL CHECK EXISTING PREMISES BEFORE SUBMISSION OF BIDS TO CHECK ALL CONDITIONS WHICH MAY EFFECT THE PERFORMANCE OF THE WORK INVOLVED. NO ALLOWANCES OR EXTRA PAYMENT WILL BE MADE DUE TO CONTRACTOR'S FAILURE TO EXAMINE SITE AND FULLY DISCERN WORKING CONDITIONS.
- MECHANICAL CONTRACTOR SHALL RECEIVE, PROPERLY HOUSE, HANDLE, HOIST, AND DELIVER TO PROPER LOCATION EQUIPMENT AND OTHER MATERIALS REQUIRED FOR THIS CONTRACT.
- THE CONTRACTOR SHALL OBTAIN PERMITS, ARRANGE FOR INSPECTIONS, AND PAY FEES AND EXPENSES IN CONNECTION THEREWITH, AS A PART OF THE WORK REQUIRING SUCH PERMITS. EVERY EFFORT IS MADE TO DESCRIBE THE WORK REQUIREMENTS IN CONFORMITY WITH APPLICABLE CODES.
- THE CONTRACTOR SHALL REVIEW ANY ALTERNATES OF OTHER TRADES, AND PRICE THEIR BID TO ACCOUNT FOR ITEMS AFFECTING HIS WORK.
- PIPING PASSING THROUGH CORRIDORS, TUNNELS, CHASES, ETC. SHALL BE CONSIDERED FOR PROPER DRAINAGE. CONSULT WITH THE OTHER CONTRACTORS AND AVOID CONFLICT WITH LOCATION OF PIPING. ORDER OF PRIORITY FOR ALL PIPING AND CONDUITS TO BE INSTALLED SHALL BE AS FOLLOWS WITH THE HIGHEST PRIORITY LISTED FIRST.
 - PLUMBING DRAIN LINES
 - CONDENSATE LINES
 - DUCTWORK
 - FIRE PROTECTION
 - HOT AND COLD WATER PIPING
 - ELECTRICAL CONDUIT
- WORK ASSIGNMENTS INFERRED BY THE DRAWINGS AND NOTES INCLUDED IN THESE PROJECT DOCUMENTS ARE INFORMATIONAL ONLY AND ARE NOT INTENDED TO RELIEVE THE BIDDING CONTRACTOR OF HIS OBLIGATION TO THE OWNER TO PROVIDE A COMPLETE AND COORDINATED PROJECT. COMPREHENSIVE SUBCONTRACTOR COORDINATION AND FINAL WORK ASSIGNMENTS TO SUBCONTRACTORS ARE THE SOLE RESPONSIBILITY OF THE BIDDING CONTRACTOR.
- ALL DUCTS SERVING SUPPLY, RETURN AND EXHAUST TERMINALS SHALL BE PROVIDED WITH BALANCE DAMPERS. FOR CLARITY, ALL DAMPERS MAY NOT BE SHOWN ON PLANS.
- PROVIDE DIELECTRIC UNIONS/CONNECTIONS AT ALL JUNCTIONS OF DISSIMILAR METALS.

PULLAR KITCHEN EQUIPMENT REPLACEMENT

CITY OF SAULT STE. MARIE

435 E. PORTAGE AVE.

SAULT STE. MARIE, MI 49783

DATE:

2/09/2024

ISSUED FOR:

BIDDING

PROJECT NO:

S14-03447

DESIGNED BY:

SP

DRAWN BY:

SP

CHECKED:

SP

APPROVED:

JG

MECHANICAL AND PLUMBING ABBREVIATIONS AND SYMBOLS

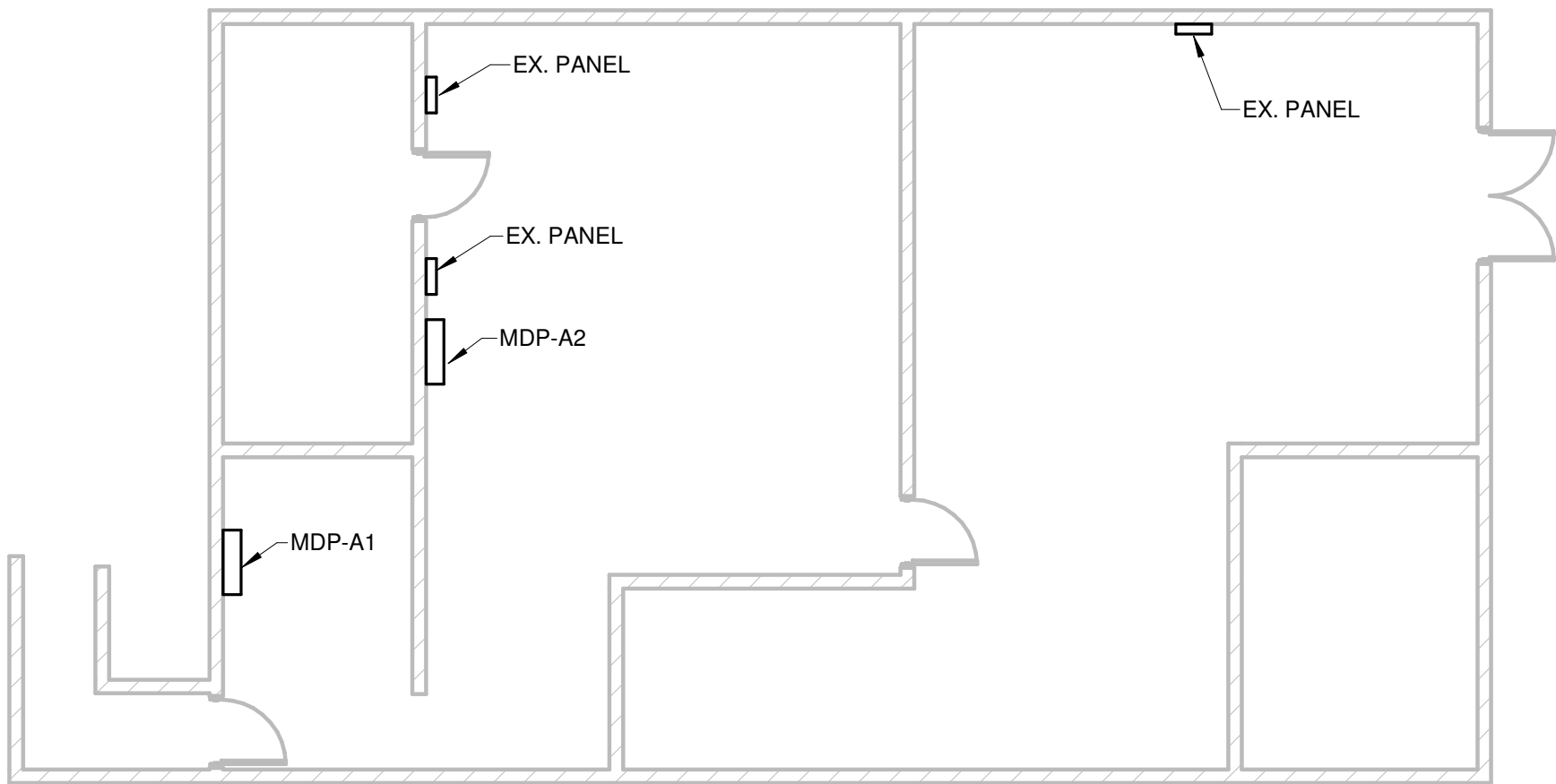
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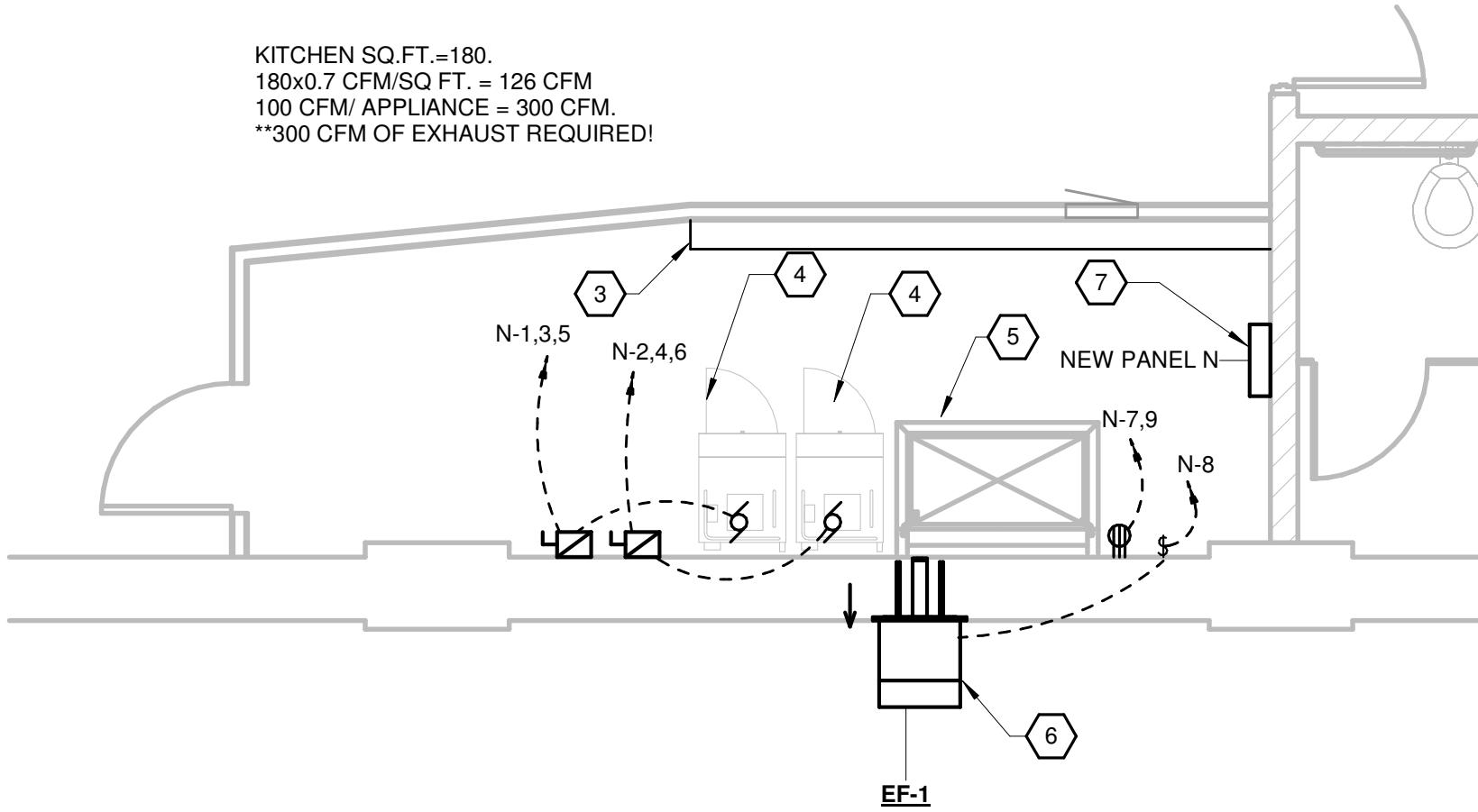


- KEYNOTES**
- 1 REMOVE EXISTING HOOD, FAN, WEATHERHOOD, AND ASSOCIATED SUPPORTS AND ELECTRICAL. PROVIDE NEW BLANK OFF PANEL AS REQUIRED.
 - 2 DISCONNECT EXISTING GAS PIPING FROM APPLIANCES UNDER HOOD. REMOVE PIPING AND SUPPORTS. COORDINATE GAS DISCONNECT WITH GAS PROVIDER.
 - 3 PROVIDE 5/8" GYPSUM BOARD ON EXISTING SOFFIT. PAINT TO MATCH EXISTING.
 - 4 VENTLESS HOOD ELECTRIC KETTLE FRYER. GILES MODEL #WOG-MP-VH. 20.4 KW, 208V, 3-PHASE. CONTRACTOR TO PROVIDE AND INSTALL PER MANUFACTURER'S REQUIREMENTS.
 - 5 VENTLESS RECIRCULATING ELECTRIC COOKTOP. EVO MODEL #10-0148-EVT. 208V, SINGLE PHASE, 32-AMPS. CONTRACTOR TO PROVIDE AND INSTALL PER MANUFACTURER'S REQUIREMENTS.
 - 6 COORDINATE EXACT LOCATION OF EXHAUST FAN WITH EQUIPMENT LAYOUT.
 - 7 NEW 200 AMP, 32 SPACE, 208/120, 3-PHASE PANELBOARD. SEE RISER DIAGRAM FOR FEED DETAILS. COORDINATE EXACT LOCATION OF NEW PANEL WITH THE OWNER SO THAT CLEARANCES ARE MAINTAINED AT ALL TIMES.

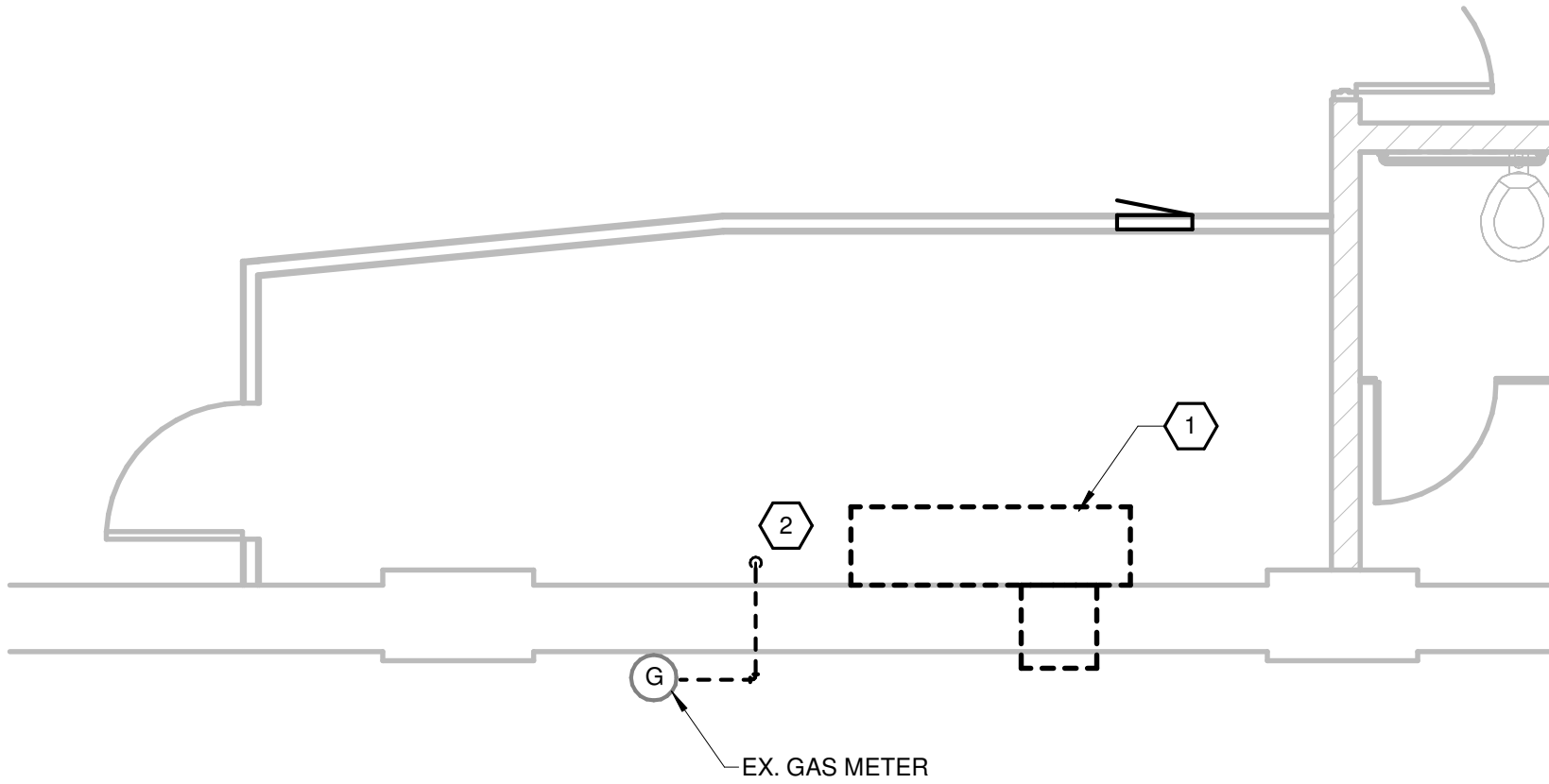


C4 BASEMENT PLAN
1/8" = 1'-0"

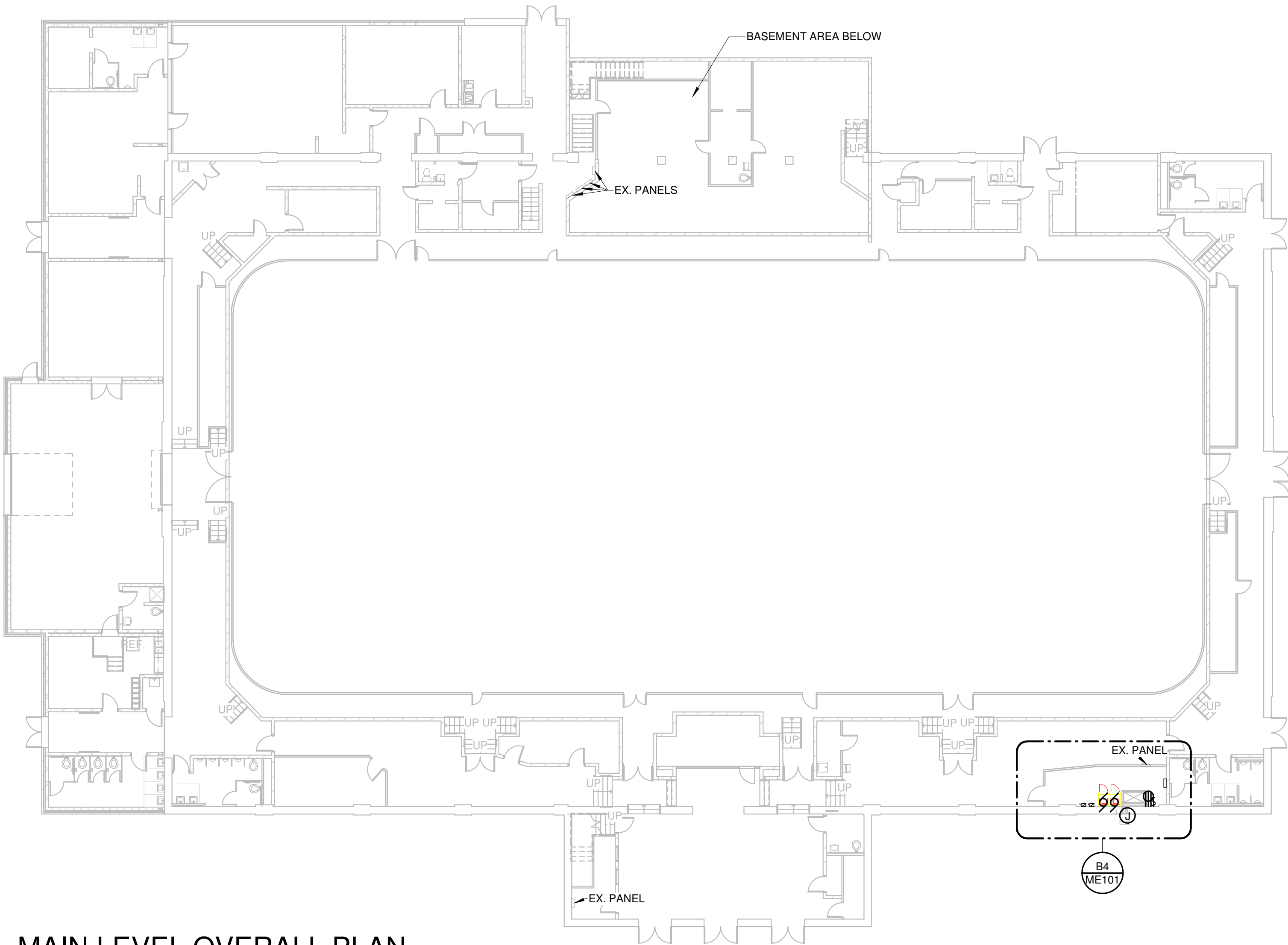
KITCHEN SQ. FT. = 180.
180x0.7 CFM/SQ. FT. = 126 CFM
100 CFM/ APPLIANCE = 300 CFM.
**300 CFM OF EXHAUST REQUIRED!



B4 ENLARGED PROPOSED CONCESSIONS PLAN
1/4" = 1'-0"



A4 ENLARGED EXISTING CONCESSIONS PLAN
1/4" = 1'-0"



A1 MAIN LEVEL OVERALL PLAN
1/16" = 1'-0"



PULLAR KITCHEN EQUIPMENT REPLACEMENT
CITY OF SAULT STE. MARIE
435 E. PORTAGE AVE.
SAULT STE. MARIE, MI 49783

DATE:
2/09/2024

ISSUED FOR:
BIDDING

PULLAR KITCHEN EQUIPMENT REPLACEMENT
CITY OF SAULT STE. MARIE
PROJECT NO.: S14-03447

DESIGNED BY: SP
DRAWN BY: SP
CHECKED: SP
APPROVED: JG

**MECHANICAL/
ELECTRICAL PLAN**

ME101

Branch Panel: NEW PANEL N

Location:

Supply From:

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

Manufacturer: Square D

A.I.C. Rating: 10 kA

Mains Type: MLO

Mains Rating: 225 A

Notes:

CKT	Circuit Description	Wire	Brkr Size	Brkr Poles	Phase A Load (VA)	Phase B Load (VA)	Phase C Load (VA)	Brkr Poles	Brkr Size	Wire	Circuit Description	CKT
N-1					6800	6800						N-2
N-3	Electric Fryer (GFI)	#3	80 A	3		6800	6800		3	80 A	Electric Fryer (GFI)	N-4
N-5							6800	6800				N-6
N-7					3328	696			1	20 A	Exhaust Fan	N-8
N-9	Electric Griddle (GFI)	#8	40 A	2	3328		3328					N-10
N-11												N-12
N-13												N-14
N-15												N-16
N-17												N-18
N-19												N-20
N-21												N-22
N-23												N-24
N-25												N-26
N-27												N-28
N-29												N-30
N-31												N-32
Total Load:					17624 VA	16928 VA	13600 VA					
Total Amps:					151 A	145 A	113 A					
Total Connected Load:					48152 VA							

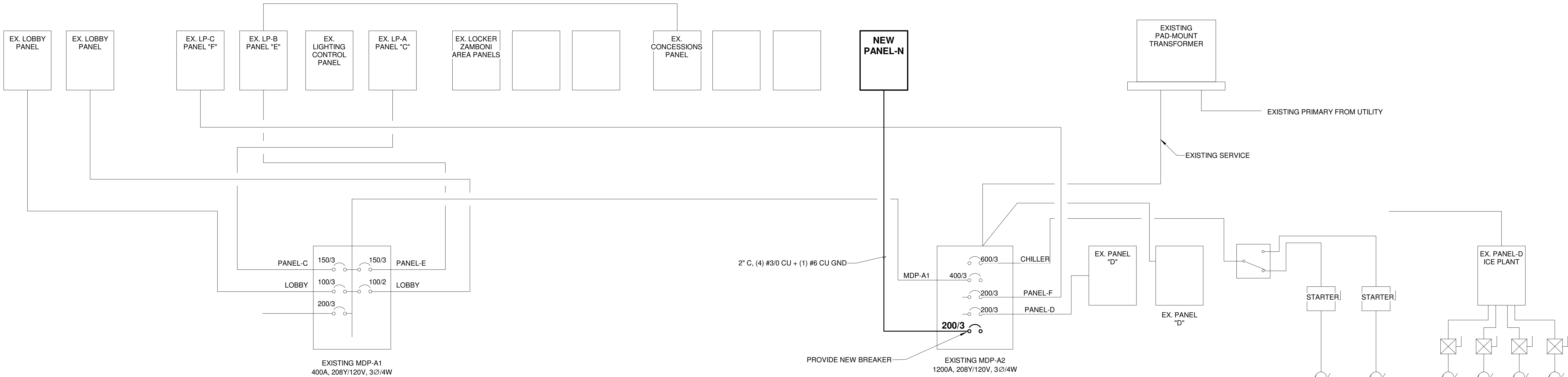
Legend:

FAN SCHEDULE												
ID	DESCRIPTION	TYPE	MANUFACTURER	MODEL NUMBER	AIR FLOW (CFM)	EXT. SP. (FT)	RPM	DUCT CONNECTION (IN)	ELECTRICAL			NOTES
									VOLTS	PHASE	HP	
EF-1	KITCHEN EXHAUST FAN	SIDEWALL	GREENHECK	SBE-1H20-4	300	0.22	616	-	120	1	1/4	1,2,3

1. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.

2. PROVIDE WITH GRAVITY BACKDRAFT DAMPER AND WEATHERHOOD.

3. INSTALL PER MANUFACTURER'S REQUIREMENTS.



A1

RISER DIAGRAM

NOT TO SCALE

PULLAR KITCHEN EQUIPMENT REPLACEMENT

CITY OF SAULT STE. MARIE

435 E. PORTAGE AVE.

SAULT STE. MARIE, MI 49783

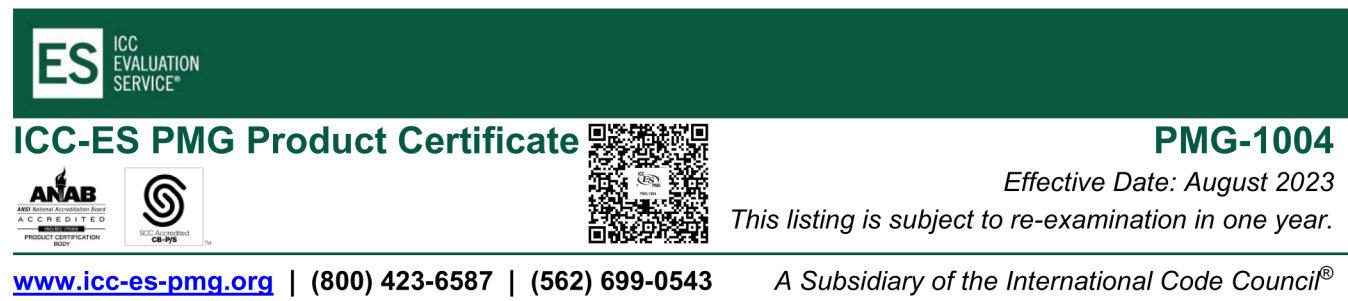
ISSUED FOR:	BIDDING	DATE:	2/09/2024

PULLAR KITCHEN EQUIPMENT REPLACEMENT	CITY OF SAULT STE. MARIE	PROJECT NO: S14-03447	DESIGNED BY:	SP
			DRAWN BY:	SP
MECHANICAL/ELECTRICAL DETAILS AND SCHEDULES	ME501		CHECKED:	SP
			APPROVED:	JG

ME501



www.upea.com



CSI: DIVISION: 23 00 00—HEATING, VENTILATING AND AIR CONDITIONING (HVAC)
Section: 23 38 13—Commercial Kitchen Hoods

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Giles Recirculating (Ventless) Hoods

Listee: Giles Enterprises, Inc.
Post Office Box 210247
2750 Gunter Park Drive West
Montgomery, Alabama 36121-0247
800-554-4537
www.gsfe.com

Additional Listee:

Halton Company
101 Industrial Drive
Scottsville, Kentucky 42164

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012, 2009, 2006, 2003 and 2000 *International Mechanical Code®* (IMC)
2024, 2021, 2018, 2015, 2012 and 2009 *International Fire Code®* (IFC)
2024, 2021, 2018, 2015, 2012, 2009 and 2008 *Uniform Mechanical Code®* (UMC)*
2022, 2019, 2016, 2013, 2010 and 2007 *California Mechanical Code* (CMC)*
2020, 2015 and 2010 *National Building Code of Canada®* (NBC)**
*Copyrighted publications of the International Association of Plumbing and Mechanical Officials
**Copyrighted publication of National Research Council Canada

Compliance with the following standards:

EPA Test Method 202, of Condensable Particulate Emissions from Stationary Sources.
NFPA 1-2021, -2018, -2015 Fire Code
NFPA 96-2021, -2017, -2014, -2011, -2008, -2004, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
UL 710B (Ed. 2), Standard for Recirculating Systems
UL 710 (Ed. 6), Standard for Safety Exhaust Hoods for commercial Cooking Equipment
UL 867 (Ed. 5), Standard for Safety Electrostatic Air Cleaners
UL 1046, Standard for Safety Grease Filters for Exhaust Ducts (Ed. 4)

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing or as to any product covered by the listing.

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Page 1 of 10

Project: _____ Item #: _____ Config #: _____

Evo® Event® 48E - Electric Cooktop in Ventless Recirculating Ventilation System

Model #: 10-0148-EVT



Model 10-0148-EVT
w/ 36" Casters Shown

DESCRIPTION

The Evo Event® 48E is an electrically controlled 48" x 24" (1219mm x 610mm) rectangular steel cooktop in an integrated ventless recirculating ventilation unit. Evo Events four combined heaters heat a static cooking zone with variable temperatures ranging from 100°F to 550°F (38°C to 288°C). A high velocity CFM ventless system provides containment and capture from the intake aperture located on the chef-side adjacent the cooking surface, and a discharge duct on the chef-side returns clean filtered air. The duct system is fully welded stainless steel and utilizes a 4-stage filtration system including a washable stainless steel grease baffle filter, mesh particulate filter, electrostatic precipitator, and a replaceable activated charcoal filter. Factory installed fire suppression system with dry contact fire alarm micro switch and cross-pattern nozzles provide a continuous zone of fire protection.

SPECIFICATIONS

FILTRATION - Completely self-contained 4-stage filtration process reduces grease emissions below that one allowed in NFPA 96 and ANSI UL710B using the EPA 202 test method. The self-contained 4-stage filtration system includes a washable stainless steel grease baffle filter, mesh particulate filter, electrostatic precipitator (ESP) and replaceable activated charcoal filter. All filters are easily removable with the included 8 MM hex key. Airflow sensors continually monitor airflow and grease removal while an interlock system will not allow unit to operate if filters are missing, clogged or in the event of a fire.

FIRE PROTECTION - Factory installed Buckeye® Kitchen Mister system includes BFR-5 tank, 2 - nitrogen cartridges, SRM control head, piping, flex cable, fusible link, nozzles and manual pull station. Manual pull is located on the chef side (front) of the unit. BFR-5 tank comes pre-filled (charged) with fire suppression chemical. Fire protection system meets NFPA 96 Chapter 13 and was tested to UL300 standards. **Fire protection system must be armed and certified by Buckeye® Authorized distributor after installation and before first use (operators responsibility).**

EXHAUST AND AIR FLOW - Exhaust air is horizontal discharge. A minimum of 70 cubic feet (CFM) of fresh air per minute is required both in and out of cooking area to ensure the dilution of cooking aromas. Dedicated Make-up Air unit is not required. Please consult your HVAC contractor.

COOKING APPLIANCE - The 48E unit includes a 48" x 24" (1219mm x 610mm) flat rectangular steel cook surface with Evo® patented intelligent heating technology that provides a 24" x 17" heated cooking area. Each unit also includes a resistive touchscreen display that provides feedback on the operation of the unit.

STANDARD FEATURES

- 48" x 24" (1219mm x 610mm) flat rectangular steel cook surface
- Variable temperatures 100°F to 550°F (38°C to 288°C)
- Completely self-contained, 4-stage filtration system
- Resistive interactive touchscreen display that provides instant status of filters, grease drawers and control of temperature presets
- Stainless steel and aluminum construction for durability, strength and ease of cleaning
- Can be factory configured for 36" or 34" overall counter height
- Large removable grease collection tray
- Self-contained filtration process reduces emissions below that allowed in NFPA 96 and ANSI UL710B using the EPA 202 test method
- Pre-engineered factory installed fire protection system
- Fire protection system includes a dry contact micro switch for connection to a central fire alarm system (operators responsibility)
- Low noise with only 70 dBA average
- Evo Events are semi-mobile, making them easy to roll out for housekeeping and maintenance
- Chef-side accessible washable stainless steel grease baffle filter, mesh particulate filter, electrostatic precipitator (ESP) and disposable activated charcoal filter
- Charcoal filter recommended replacement interval - 2 weeks
- Available in 208 or 240 V, 1-phase (Must be specified at order)
- 8-foot cord and molded NEMA 6-30P
- Units ship with one complete set of 4 filters, grill surface cleaning kit, 2 stainless steel spatulas, grill scraper, and owner's manual
- Limited one-year parts and labor warranty

AVAILABLE PARTS

- 10-0150-EVT-34 34" Caster Kit - ADA Compliant
- 10-0150-EVT-36 36" Caster Kit - Standard
- 10-0150-EVT-FMS Stainless Steel Surround
- 13-0200-EVT Electrostatic Precipitator (ESP)
- 13-0210-EVT Stainless Steel Grease Baffle Filter
- 13-0220-EVT Aluminum Mesh Pre-Filter
- 13-0230-EVT Replaceable Charcoal Filter
- 20-EVT-1000 Recommended Spare Parts Kit

CERTIFICATIONS



Evo America, LLC 20360 SW Avery Ct., Tualatin, OR 97062
Ph 503-626-1802 • Fax 503-213-5867 • evosales@evoamerica.com • sales@evoamerica.com
Evo is protected under U.S. Patents 9,597,528; 9,869,474; 10,139,113; 9,953,995; 10,842,540; 7,923,353 and U.S. Patents Pending.
NOTE: Due to ongoing product improvement, specifications are subject to change without notice and are not intended for installation purposes.

Version: 2021 v2

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PROVIDE COMMISSIONING OF FIRE PROTECTION SYSTEM FROM QUALIFIED BUCKEY FIRE CONTRACTOR.

CONTACT:
WINNINGER FIRE PROTECTION
6855 JUNCTION ROAD BRIDGEPORT CHARTER TOWNSHIP, MI 48722
(989) 652-4438
ANDREW BROWN
(989) 751-5289
ABROWN@WFPFFIRE.COM



Design Features

- **2-Year Parts & Labor Warranty**
- (2) cooking baskets
- Built-in oil filtration system
- Custom Computer controller
- High oil temperature limit control

- Drain valve safety interlock
- Built-in fire suppression system
- Durable 5" Casters - front locking
- Heat-resistant Brush Set

- Product Stirring Utensil
- Waste Oil Discharge Hose
- Metal Crumb Scoop

Ventless Hood System: Proven 3-stage air cleaning with built-in fire suppression system.

- [1] Stainless steel Baffle Filter removes a portion of the grease from cooking vapors.
- [2] Electronic Air Cleaner (EAC) electrostatically captures finer grease particulate on collector plates.
- [3] Disposable Charcoal Filter helps to control cooking aromas in the recirculated air.

On-Board Oil Filtration: Robust 1/2-hp pump can complete a filter cycle in 5 minutes. Uses a stainless steel filter screen (filter paper can be used as alternative). Single step drain, crumb flush and oil filtering. Turn of a single valve refills vat with reconditioned oil. When used properly, cooking oil life can be increased by at least 50%.

Optional WIFI Remote Monitoring: Monitor your cooking appliances remotely with Giles' **KITCHENTRAC®**. WIFI connects fryer to a web server with software to provide analytics for your equipment status, utilization, performance & much more. Accessible from any internet connected device. **Subscription required for some advanced levels of service ... Standard service is free w/purchase of option.**

IMPORTANT INFORMATION !!

Orders for **GILES Fryers w/Integral Recirculating/Ventless Hood** will not be accepted until Giles verifies, 1), that the Purchaser has received all necessary approvals from local authorities, and 2), that the Purchaser is aware of specific installation requirements & limitations, as stated in the **GSFE Recirculating/Ventless Hood Approval Letter**, which must be adhered to during installation. The **GSFE Hood Approval Letter (HAL)** must be completed, submitted along with any requested documentation, and approved by Giles prior to order acceptance. The document is available for download at www.gsfe.com under the **SUPPORT** tab in **VENTLESS DOCUMENTS**.

GILES Food Service Equipment • ISO 9001-2015 Registered

PO Box 210247 • 2750 Gunter Park Drive W • Montgomery, AL 36109 USA

334.272.1457 • Fax 334.239.4117 • Toll Free 800.554.4537 (US/Canada Only) • www.gsfe.com • Email: services@gsfe.com

Printed in USA, 65745 (Rev. Date: Jul.2000, Rev. Date: Sep.2020, Rev. I)

PROVIDE COMMISSIONING, TESTING, FIELD SET-UP AND CERTIFICATION BY A QUALIFIED ANSUL DEALER FOR THE FIRE PROTECTION SYSTEM.

PULLAR KITCHEN EQUIPMENT REPLACEMENT

CITY OF SAULT STE. MARIE

435 E. PORTAGE AVE.

SAULT STE. MARIE, MI 49783

ISSUED FOR:

PULLAR KITCHEN EQUIPMENT
REPLACEMENT
CITY OF SAULT STE. MARIE

PROJECT NO: S14-03447

DESIGNED BY: SP

DRAWN BY: SP

CHECKED: SP

APPROVED: JG

KITCHEN
EQUIPMENT
INFORMATION

ME701



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