

DO NOT REPRODUCE THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. ANY REPRODUCTION WITHOUT THE WRITTEN CONSENT OF THE ENGINEER IS PROHIBITED AND WILL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL ETHICS OF THE ENGINEER. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS, OMISSIONS, INCONSISTENCIES, AND CONFLICTS THAT MAY OCCUR IN THE DRAWINGS OR IN THE CONSTRUCTION OF THE PROJECT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY THAT MAY OCCUR AS A RESULT OF THE CONSTRUCTION OF THE PROJECT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY COSTS INCURRED BY THE OWNER OR ANY OTHER PARTY AS A RESULT OF THE CONSTRUCTION OF THE PROJECT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DELAYS OR SCHEDULE CHANGES THAT MAY OCCUR AS A RESULT OF THE CONSTRUCTION OF THE PROJECT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY OTHER MATTERS THAT MAY ARISE IN CONNECTION WITH THE PROJECT.

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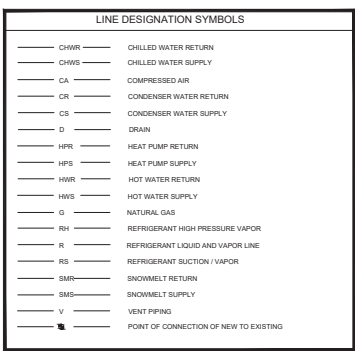
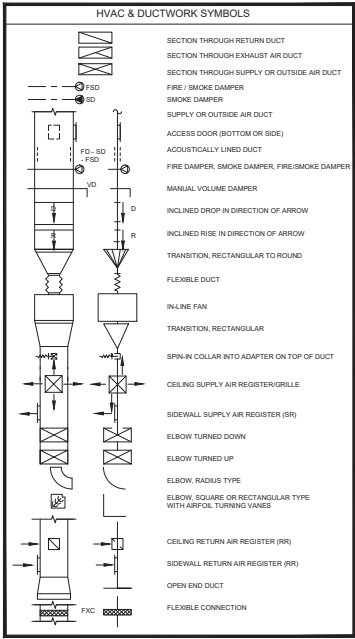
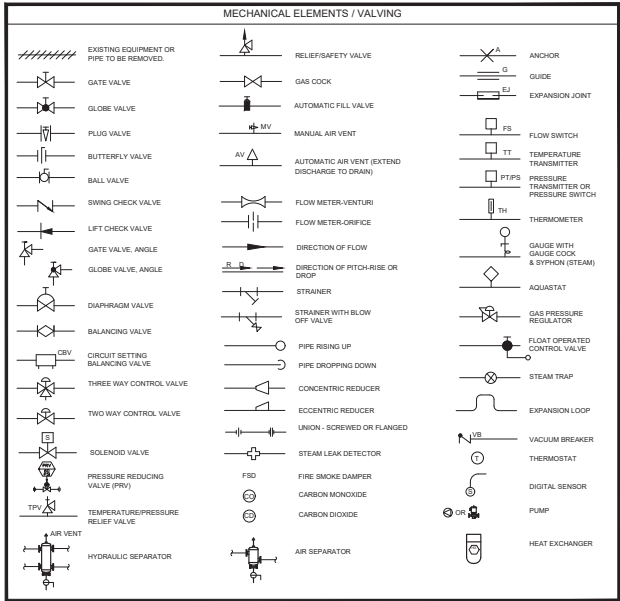


SLOPESIDE REMODEL
MECHANICAL - COVER SHEET
1855 SKI TIME SQUARE DRIVE
STEAMBOAT SPRINGS, COLORADO

DATE	ISSUED FOR
10/30/2024	PERMIT
6/23/2024	PERMIT REVISIONS



DATE	08/14/2024
JOB NO	24-283
DRAWN BY	---
CHECKED BY	---
SCALE	---
SHEET NUMBER	M0-1



RESPONSIBLE DIVISION:

UNLESS OTHERWISE INDICATED ALL HEATING, VENTILATING, AIR CONDITIONING, PLUMBING, AND OTHER MECHANICAL EQUIPMENT, MOTORS, AND CONTROLS SHALL BE FURNISHED, SET IN PLACE AND WIRED AS FOLLOWS:

ITEM	FURNISHED	SET	POWER WIRE	CONTROL WIRE
EQUIPMENT	23	23	26	---
COMBINATION MAGNETIC MOTOR STARTERS, MAGNETIC MOTOR STARTERS, VFD'S AND CONTACTORS	23(1)	26	26(2)	23
FUSED AND UNFUSED DISCONNECT SWITCHES, THERMAL OVERLOAD SWITCHES AND HEATERS, MANUAL MOTOR STARTERS	26	26	26	---
MANUAL-OPERATING AND MULTI-SPEED SWITCHES	23	26	26	26
CONTROL RELAYS, TRANSFORMERS	23	23	26	23
THERMOSTATS (LOW VOLTAGE) AND TIME SWITCHES	23	23	26	23
THERMOSTATS (LINE VOLTAGE)	23	23	26	26
TEMPERATURE CONTROL PANELS	23	23	26	23
MOTOR AND SOLENOID VALVES, DAMPER MOTORS, PE & EP SWITCHES	23	23(2)	---	23(2)
PUSH-BUTTON STATIONS AND FLOUT LIGHTS	23	23(2)	---	23(2)
HEATING, COOLING, VENTILATION AND AIR CONDITIONING CONTROLS	23	23	26	23
EXHAUST FAN SWITCHES	23	26	26	23(2)

SUBSCRIPT FOOTNOTES:

1. MOTOR STARTER TO INCLUDE CONTROL, TRANSFORMER, HOA SWITCH, (1) NO AND (1) NC AUXILIARY CONTACT, AND "ON" AND "OFF" PLOT LIGHTS.
2. IF ITEM IS FOR LINE VOLTAGE, SET IN PLACE AND CONNECT UNDER DIVISION 26, WHERE FACTORY MOUNTED ON EQUIPMENT OR ATTACHED TO PIPING OR DUCTS AND USING LINE VOLTAGE FURNISH AND SET UNDER DIVISION 23, CONNECT UNDER DIVISION 26.

ABBREVIATIONS:

4" MOUNTING HEIGHT ABOVE FINISHED FLOOR TO CENTER OF DEVICE	DIA DIAMETER	HP HORSEPOWER	PTAC PACKAGED TERMINAL AIR CONDITIONER
A AMPS	DWG DIAGRAM	HR HOUR	CV PLUG VALVE
A.D. ACCESS DOOR	DISCH DISCHARGE	HTR HEATER	PVC POLYVINYL CHLORIDE
AV AIR ADJUSTANCE VALVE	DIV DIVISION	HWR HEATING WATER RETURN	QTY QUANTITY
ABV ABOVE	DN DOWN	HWS HEATING WATER SUPPLY	RA RETURN AIR GRILLE / REGISTER
AC AIR CONDITIONING UNIT	DS DUCT SILENCER	HX HEAT EXCHANGER	RCP REFLECTED CEILING PLAN
AC ABOVE COUNTER	DWG DRAWING	HZ HERTZ	RD ROOF DRAIN
AD AREA DRAIN (SEE SYMBOLS)	DX DIRECT EXPANSION	ID INSIDE DIAMETER	REL RELIEF
A.F.C. ABOVE FINISHED CEILING	(E) EXISTING	IG ISOLATED GROUND	REGD REGULATED
A.F.S. ABOVE FINISHED GRADE	EA EXHAUST AIR GRILLE/REGISTER	IN INCHES	RF RETURN FAN
AC AMPERE INTERRUPTING CAPACITY	EAT ENTERING AIR TEMPERATURE	INV INVERT	RH RELATIVE HUMIDITY
AFCI ARC-FAULT CIRCUIT INTERRUPTERS	EC ELECTRICAL CONTRACTOR	JBOX JUNCTION BOX	RHC REHEAT COIL
A.F.F. ABOVE FINISHED FLOOR	ECC ELECTRICAL	K KELVIN	RLA RATED LOAD AMPS
AHU AIR HANDLING UNIT	EF EXHAUST FAN	KW KILOWATT	RM ROOM
ALUM ALUMINUM	EFF EFFICIENCY	KVIA KILO VOLT - AMPS	RPM REVOLUTIONS PER MINUTE
AP ACCESS PANEL OR DOOR	EL ELEVATION	L LENGTH	SA SUPPLY AIR GRILLE / REGISTER
ATS AUTOMATIC TRANSFER SWITCH	ELEC ELECTRIC	LAT LEAVING AIR TEMPERATURE	SC SHORT CIRCUIT
AV AUDIO VIDEO	ELEV ELEVATOR	LV LAVATORY	SCA SHORT CIRCUIT AVAILABLE
AVD AVERAGE	EM EMERGENCY FUNCTION	LB POUND	SCSR SHORT CIRCUIT CURRENT RATING
AWG AMERICAN WIRE GAGE	ENT ENTERING	LF LINEAR FEET	SCH SCHEDULE
BAS BUILDING AUTOMATION SYSTEM	EMT ELECTRIC METALLIC TUBE	LN LINEAR	SEF SMOKE EXHAUST FAN
BB BAREBAR	EQ EQUAL	LQ LOAD	SF SUPPLY FAN
BD BACK DRAFT DAMPER	EQIP EQUIPMENT	LM LUMEN	SH SENSIBLE HEAT
BFP BACK FLOW PREVENTOR	EQIV EQUIVALENT	LS LOOKED RUMOR AMPS	SH SHOWER
BL BOILER	ES END SWITCH	LV LOUVER	SP STATIC PRESSURE
BLDG BUILDING	ESP EXTERNAL STATIC PRESSURE	LW LEAVING	SPO BURGE PROTECTION DEVICE
BLW BELOW	ENC ELECTRIC WATER COOLER	LWT LEAVING WATER TEMPERATURE	SPEC SPECIFICATION
BSB BOTTOM OF BEAM	ENT ENTERING WATER	MTH THOUSANDS OF BTU/PER HOUR	SS SQUARE
BSB BOTTOM OF DUCT	TEMP TEMPERATURE	MC MECHANICAL CONTRACTOR	SS STAINLESS STEEL
BOP BOTTOM OF PIPE	EXPAN EXPANSION	MCA MINIMUM CIRCUIT AMPACITY	SS SAFETY SHOWER
BSMT BASEMENT	EXT EXTERNAL	MCB MAIN CIRCUIT BREAKER	STD STANDARD
BW HOT WATER SUPPLY	FA FREE AREA	MCP MAIN DISTRIBUTION PANEL	STL STEEL
CH CHILLER	FC FAN COIL UNIT	MED MEDIUM	SYS SYSTEM
CHFC COMBINATION ARC-FAULT CIRCUIT INTERRUPTERS	FD FLOOR DRAIN	MFR MANUFACTURER	TEMP TEMPERATURE
CAF CAPACITY	FCV FLOW CONTROL VALVE	MN MINIMUM	TR TRANSFER GRILLE / REGISTER
CB CIRCUIT BREAKER	FD FIRE DAMPER	MISC MISCELLANEOUS	TR TAMPER RESISTANT
CR COMPRESSOR	FD FLOOR DRAIN	MLO MAIN LUG ONLY	TT TEMPERATURE TRANSMITTER
CRS CIRCUIT BALANCING VALVE	FN FINISHED	MOP MAXIMUM OVERCURRENT PROTECTION	TB TELECOMMUNICATIONS TERMINAL BACKBOARD
CS CONDENSER WATER SUPPLY	FLA FULL LOAD AMPS	MTD MOUNTED	TYP TYPICAL
D DRAIN	FLX FLEXIBLE	MX MAKE-UP AIR UNIT	TX TRANSFORMER
D DRAIN	FLR FLOOR	N NEUTRAL	UC UNDERCUT DOOR
D DRAIN	FOB FLOAT ON BOTTOM	NC NORMALLY CLOSED	UN UNLESS NOTED OTHERWISE
D DRAIN	FOT FLOAT ON TOP	NED NEGATIVE	UNOC UNOCCUPIED
D DRAIN	FP FIRE PROTECTION	NC NOT IN CONTRACT	UR URINAL
D DRAIN	FP FIRE PUMP	NL NIGHT / SECURITY LIGHT - DO NOT SWITCH	V VOLTS
D DRAIN	FT FEET	NO NORMALLY OPEN	VA VOLT AMPERE
D DRAIN	FT FEET PER MINUTE	NOM NOMINAL	VA VALVE
D DRAIN	FT FEET PER SECOND	NTR NOT TO SCALE	VAV VARIABLE AIR VOLUME UNIT
D DRAIN	FS FLOW SWITCH	NTR NOT TO SCALE	VFD VARIABLE FREQUENCY DRIVE
D DRAIN	FSD FIRE/SMOKE DAMPER	NTR NOT TO SCALE	VRF VARIABLE REFRIGERANT FLOW
D DRAIN	FT FEET	NTR NOT TO SCALE	VOLT VOLTAGE
D DRAIN	FX FLEXIBLE CONNECTION	NTR NOT TO SCALE	VTR VENT THROUGH ROOF
D DRAIN	OND GROUND	NTR NOT TO SCALE	W WATTS
D DRAIN	GA GAUGE	NTR NOT TO SCALE	W WIDTH
D DRAIN	GAL GALLON	NTR NOT TO SCALE	WO WITHOUT
D DRAIN	GALV GALVANIZED	NTR NOT TO SCALE	WB WET BULB
D DRAIN	SEC GROUND ELECTRODE CONDUCTOR	NTR NOT TO SCALE	WC WATER COLUMN
D DRAIN	GFI GFI GROUND FAULT CIRCUIT INTERRUPTER	NTR NOT TO SCALE	WC WATER CLOSET
D DRAIN	GC GENERAL CONTRACTOR	NTR NOT TO SCALE	WG WATER GAUGE
D DRAIN	GPM GALLONS PER HOUR	NTR NOT TO SCALE	WP WEATHERPROOF
D DRAIN	GPM GALLONS PER MINUTE	NTR NOT TO SCALE	WP WEATHERPROOF
D DRAIN	GRSLB GRANS PER POUND	NTR NOT TO SCALE	WPU WEATHERPROOF W/PUSE
D DRAIN	H-D WATER	NTR NOT TO SCALE	WTR WITHSTANDING RATING
D DRAIN	H-HOSE BBBB	NTR NOT TO SCALE	XMR TRANSFORMER
D DRAIN	HP HEAD (SEE SCHEDULES)	NTR NOT TO SCALE	
D DRAIN	HP HEAT PUMP	NTR NOT TO SCALE	

LINE TYPE	DESCRIPTION
140	HIGH TEMPERATURE (140°) WATER PIPE
CA	COLD WATER PIPE (CW)
CA	COMPRESSED AIR
DC	DECONTAMINATION (PWPD)
DR	DEIONIZED WATER RETURN
DS	DEIONIZED WATER SUPPLY
DR	DISTILLED WATER RETURN
CD	EQUIPMENT CONDENSATE DRAIN
FP	FIRE MAIN
GW	GREASE WASTE PIPE
HE	HELIUM
HPS	HIGH PRESSURE STEAM
HPC	HIGH PRESSURE CONDENSATE
	HOT WATER RECIRCULATION (HWR)
	HOT WATER PIPE (HW)
HO	HYDROGEN
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MA	MEDICAL AIR
G	NATURAL GAS PIPE
N2	NITROGEN
NO2	NITROUS OXIDE
ORD	OVERFLOW STORM WATER PIPE
OV	OXYGEN
PG	PROPANE GAS
RD	ROOF DRAIN PIPE
SO	SOIL OR WASTE PIPE
SO	SOIL / OIL WASTE PIPE
TWR	TOWER WATER RETURN
TWS	TOWER WATER SUPPLY
VAC	VACUUM
	VENT PIPE (V)

LINE TYPE	DESCRIPTION	LINE TYPE	DESCRIPTION
	PRESSURE REDUCING VALVE (PRV)		PIPE RISING UP
	GATE VALVE		PIPE DROPPING DOWN
	GLOBE VALVE		UNION - SCREWED OR FLANGED
	PLUG VALVE		PT/PS
	BUTTERFLY VALVE		PRESSURE TRANSMITTER OR PRESSURE SWITCH
	BALL VALVE		TH/TT
	SWING CHECK VALVE		THERMOMETER/TEMPERATURE INDICATOR
	LIFT CHECK VALVE		GAUGE WITH GAUGE COCK/ PRESSURE INDICATOR
	GATE VALVE, ANGLE		BACKFLOW PREVENTOR (REDUCED ZONE)
	GLOBE VALVE, ANGLE		BACKFLOW PREVENTOR (DOUBLE CHECK VALVE ASSEMBLY)
	TEMPERATURE AND PRESSURE RELIEF VALVE		WATER HAMMER ARRESTER
	GAS COCK		CIRCUIT SETTING
	GAS PRESSURE REGULATOR		HOSE BIBB
	STRAINER		ROOM DRAIN
	STRAINER WITH BLOW OFF VALVE		FLOOR DRAIN
	WATER HEATER		AREA DRAIN
	WATER METER		FLOOR CLEAN OUT
	PRESSURE GAGE		FLOOR SINK
	TEMPERATURE GAGE		CLEAN OUT TO GRADE
			WALL CLEAN OUT
			FLEXIBLE CONNECTION
			CHECK VALVE
			VACUUM BREAKER

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ITEM	FURNISHED	SET	POWER WIRED	CONTROL WIRED
EQUIPMENT	23	23	26	-
COMBINATION MAGNETIC MOTOR STARTERS, VFDs AND CONTACTORS	23(1)	26	26(2)	23
FUSED AND UNFUSED DISCONNECT SWITCHES, THERMAL OVERLOAD SWITCHES AND HEATERS, MANUAL MOTOR STARTERS	26	26	26	-
MANUAL OPERATING AND MULTI-SPEED SWITCHES	23	26	26	26
CONTROLS, RELAYS, TRANSFORMERS	23	23	26	23
THERMOSTATS (LOW VOLTAGE) AND TIME SWITCHES	23	23	26	23
THERMOSTATS (LINE VOLTAGE)	23	23	26	26
TEMPERATURE CONTROL PANELS	23	23	26	23
MOTORS AND BLENDING VALVES, DAMPER MOTORS, PE & SP SWITCHES	23	23(2)	-	23(2)
PUMP-BUTTON STATIONS AND PILOT LIGHTS	23	23(2)	-	23(2)
HEATING, COOLING, VENTILATION AND AIR-CONDITIONING CONTROLS	23	23	26	23
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SUBSCRIPT FOOTNOTES:

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ABBREVIATIONS:

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A AMPS	DWG DIAGRAM	HR HOUR	PV PLUG VALVE
AD ACCESS DOOR	DYF DIFFERENTIAL	HT HEIGHT	PVC POLYVINYL CHLORIDE
A.D. AIR ADMITTANCE VALVE	DYF DIFFERENTIAL	HTR HEATER	QTY QUANTITY
ABV ABOVE	DN DOWN	HWR HEATING WATER RETURN	RA RETURN AIR GRILLE / REGISTER
AC AIR-CONDITIONING UNIT	DB DUCT BLENDER	HX HEAT EXCHANGER	RCP REFLECTED CEILING PLIN
AC ABOVE COUNTER	DWG DRAWING	HZ HERTZ	ROF ROOF DRAIN
AD AREA DRAIN (SEE SYMBOLS)	DX DIRECT EXPANSION	ID INSIDE DIAMETER	REL RELIEF
A.F.C. ABOVE FINISHED CEILING	(E) EXISTING	IG ISOLATED GROUND	REGD REQUIRED
A.F.C. ABOVE FINISHED GRADE	EA EXHAUST AIR GRILL/REGISTER	IN INCHES	RF RETURN FAN
AIC AMPERE INTERRUPTING CAPACITY	EAT ENTERING AIR TEMPERATURE	INV INVERT	RH RELATIVE HUMIDITY
AF-1 ABOVE FINISHED FLOOR	EC ELECTRICAL CONTRACTOR	JBOX JUNCTION BOX	RHC REHEAT COIL
AHU AIR HANDLING UNIT	ECC ECCENTRIC	K KELVIN	RLA RATED LOAD AMPS
ALUM ALUMINUM	EF EXHAUST FAN	KV KILOVATT	RM ROOM
AP ACCESS PANEL ON DOOR	EFF EFFICIENCY	KVA KILO VOLT-AMPS	RPM REVOLUTIONS PER MINUTE
ATS AUTOMATIC TRANSFER SWITCH	EL ELEVATION	L LENGTH	SA SUPPLY AIR GRILLE / REGISTER
AV AUDIO / VIDEO	ELEV ELEVATOR	LAT LEAVING AIR TEMPERATURE	SCA SHORT CIRCUIT AVAILABLE
AVG AVERAGE	EM EMERGENCY FUNCTION	LB POUND	SCA SHORT CIRCUIT CURRENT RATING
AWG AMERICAN WIRE GAGE	ENT ENTERING	LD LINEAR DIFFUSER	SD SCHEDULE
BAS BUILDING AUTOMATION SYSTEM	ENT ENTERING METALLIC TUBE	LV LINEAR FEET	SM SMOKE DAMPER
BB BASEBOARD	EQ EQUAL	LN LINEAR	SEF SMOKE EXHAUST FAN
BD BACK DRAFT DAMPER	EQU EQUIVALENT	LQ LIQUID	SH SHOWER
BP BACK FLOW PREVENTOR	ES END SWITCH	LUA LOCKED ROTOR AMPS	SP STATIC PRESSURE
BL BOILER	ESP EXTERNAL STATIC PRESSURE	LVE LOUVER	SPD SURGE PROTECTION DEVICE
BLO BUILDING	ET EXPANSION TANK	LWG LEAVING	SPEC SPECIFICATION
BLW BELOW	EWC ELECTRIC WATER COOLER	LWT LEAVING WATER TEMPERATURE	SQ SQUARE
BOB BOTTOM OF BEAM	MBN THOUSANDS OF BTU PER HOUR	MCA MINIMUM CIRCUIT CAPACITY	SS STAINLESS STEEL
BOB BOTTOM OF DUCT	TEMPERATURE	MCB MAIN CIRCUIT BREAKER	SS SAFETY SHOWER
BOP BOTTOM OF PIPE	EX EXHAUST	MO MOTORIZED DAMPER	STD STANDARD
BMF BASEMENT	EXN EXPANSION	MD MOUNTED	STL STEEL
BTU BRITISH THERMAL UNIT	EXT EXTERNAL	MOP MAXIMUM OVERCURRENT PROTECTION	SVS SYSTEM
C CHILLER	F DEGREES FAHRENHEIT	MFR MANUFACTURER	TEMP TEMPERATURE
CAFC COMBINATION ARC FAULT CIRCUIT INTERRUPTERS	FA FREE AREA	MN MINIMUM	TR TRANSFER GRILLE / REGISTER
CAP CAPACITY	FC FAN COIL UNIT	MSC MISCELLANEOUS	TR TAMPER RESISTANT
CB CIRCUIT BREAKER	FC FOOTCANDLE	MLO MAIN LUG ONLY	TT TEMPERATURE TRANSMITTER
CBV CIRCUIT BALANCING VALVE	FD FLOOR DRAIN	MOF MAXIMUM OVERCURRENT PROTECTION	TTB TELECOMMUNICATIONS TERMINAL BACKBOARD
CCT CORRELATED COLOR TEMPERATURE	FN FINISHED	MTD MOUNTED	TX TRANSFORMER
CKT CIRCUIT	FLA FULL LOAD AMPS	MUA MAKE-UP AIR UNIT	UC UNDERCUT DOOR
CFM CUBIC FEET PER HOUR	FLX FLEXIBLE	N NEUTRAL	UH UNIT HEATER
CFM CUBIC FEET PER MINUTE	N NORMALLY CLOSED	NEG NEGATIVE	UNO UNLESS NOTED OTHERWISE
CHWR CHILLED WATER RETURN	FOB FLAT ON BOTTOM	NC NOT IN CONTRACT	UNOC UNOCCUPIED
CHWR CHILLED WATER SUPPLY	FOT FLAT ON TOP	NL NIGHT / SECURITY LIGHT - DO NOT SWITCH	UR URINAL
C CENTER LINE	FP FIRE PROTECTION	NO NORMALLY OPEN	V VOLTS
CLG CEILING	PP FIRE PUMP	NTS NOT TO SCALE	VA VOLT AMPERE
CM CONCRETE MASONRY UNIT	PPM FEET PER MINUTE	OA OUTSIDE AIR	VA VALVE
CO CLEAN OUT	PS FEET PER SECOND	OBD OPPOSED BLADE DAMPER	VAV VARIABLE AIR VOLUME UNIT
COL COLUMN	FS FLOW SWITCH	OC ON CENTER	VFD VARIABLE FREQUENCY DRIVE
COMP COMPRESSOR	FSD FIRE/SMOKE DAMPER	OCC OCCUPIED	VRF VARIABLE REFRIGERANT FLOW
CONC CONCRETE	FT FEET	OCP OVER CURRENT PROTECTION	VTR VENT THROUGH ROOF
COND CONDENSATE	GAL GALLON	OD OUTSIDE DIAMETER	W WIDTH
CONN CONNECTION	GA GAUGE	OL OVERLOAD	W WATTS
CONT CONTINUATION	GALV GALVANIZED	ORD OVERFLOW ROOF DRAIN	W WITH
CONTR CONTRACTOR	GEQ GROUND ELECTRIC CONDUCTOR	OZ OUNCE	WID WITHOUT
COR COLOR RENDERING INDEX	GFI/GFI GROUND FAULT CIRCUIT INTERRUPTER	PD PARALLEL BLADE DAMPER	WB WET BULB
CT COOLING TOWER	GC GENERAL CONTRACTOR	PD PRESSURE DROP	WC WATER COLUMN
CU CURRENT TRANSFORMER	GD GENERAL DRAIN	PH PHASE	WC WATER CLOSET
CU CONDENSING UNIT	GPM GALLONS PER MINUTE	POS POSITIVE PRESSURE	WD WATER DRAIN
CUR CABINET UNIT HEATER	GRSLB GALLONS PER SECOND	POS POINT OF SALES	WP WEATHERPROOF
CVR CONSTANT VOLUME BOX	H2O WATER	PRV PRESSURE REDUCING VALVE	WPR WEATHERPROOF INJURE
CWR CONDENSER WATER RETURN	HO HOSE BIBB	PS PRESSURE SWITCH	WTR WITHSTAND RATING
CWS CONDENSER WATER SUPPLY	HD HEAD (SEE SCHEDULES)	PSI POUNDS PER SQUARE INCH	WTB WET THERMOMETER
DB DBT BULB	HP HEAT PUMP	PT PRESSURE TRANSMITTER	
DEPT DEPARTMENT			
DF DRINKING FOUNTAIN			

SUBSTITUTIONS:

A. SUBSTITUTIONS: SUBSTITUTION OF SPECIFIED EQUIPMENT WILL BE ALLOWED THROUGH A PRIOR APPROVAL PROCESS INITIATED BY THE CONTRACTOR. CONTRACTOR SHALL SUBMIT ANTICIPATED SUBSTITUTION AT LEAST FIVE DAYS PRIOR TO BID FOR APPROVAL FROM ENGINEER. SUBMITTAL SHALL INCLUDE CAPACITIES, DIMENSIONS AND OPERATING INSTRUCTIONS FOR EACH PIECE OF EQUIPMENT. SUBSTITUTION SHALL OCCUR AT NO COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF APPROVED SUBSTITUTION AND SHALL INCUR ALL COSTS ASSOCIATED WITH THE SUBSTITUTION INCLUDING STRUCTURAL MODIFICATIONS, SPACE LAYOUT AND REDLINES NOTING. SEE ALSO DIVISION 1 GENERAL REQUIREMENTS.

EXAMINATION OF SITE, DRAWINGS, SPECIFICATIONS:

- EXAMINE CAREFULLY THE SITE AND CONDITIONS OF THE SITE. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR TO INSTALL A COMPLETE WORKING SYSTEM WITHIN THE SITE CONDITIONS.
- EXAMINE THE DRAWINGS AND SPECIFICATIONS AND 5 DAYS PRIOR TO BIDDING REPORT ANY ERRORS, OMISSIONS, INCONSISTENCIES, AND CONFLICTS TO THE ENGINEER TO BE REMEDIED IN AN ADDENDUM TO THE PROJECT PRIOR TO BID TIME.
- DRAWINGS ARE DIAGRAMMATIC AND CATALOG NUMBERS GIVEN ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE CAPACITY OF THE EQUIPMENT MEETS THE DRAWING REQUIREMENTS AND SHALL NOT DIMENSION FROM THE MECHANICAL, PLUMBING, OR PIPING DRAWINGS.
- THE LATEST ADOPTED VERSIONS OF THE INTERNATIONAL BUILDING CODES SHALL BE USED AS REQUIRED. THIS WILL ALSO INCLUDE THE LATEST ADOPTED VERSIONS OF THE MECHANICAL, PLUMBING, AND ENERGY CONSERVATION CODES. ALL METHODS AND MATERIALS REQUIRED BY THESE CODES SHALL BE REQUIRED BY THESE SPECIFICATIONS UNLESS INDICATED OTHERWISE. OTHER APPLICABLE LOCAL CODES AND ORDINANCES SHALL BE AS REQUIRED AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE OF ALL OF THESE REQUIREMENTS.
- WHERE RETAILING PROCEDURES OR ANY PART THEREOF ARE REQUIRED TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER OF THE MATERIAL, BEING INSTALLED, PRINTED COPIES OF THESE RECOMMENDATIONS SHALL BE FURNISHED TO THE ENGINEER PRIOR TO INSTALLATION. INSTALLATION OF THE ITEM SHALL NOT BE ALLOWED TO PROCEED UNTIL THE RECOMMENDATIONS ARE RECEIVED. FAILURE TO FURNISH THESE RECOMMENDATIONS CAN BE CAUSE FOR REJECTION OF THE MATERIAL.

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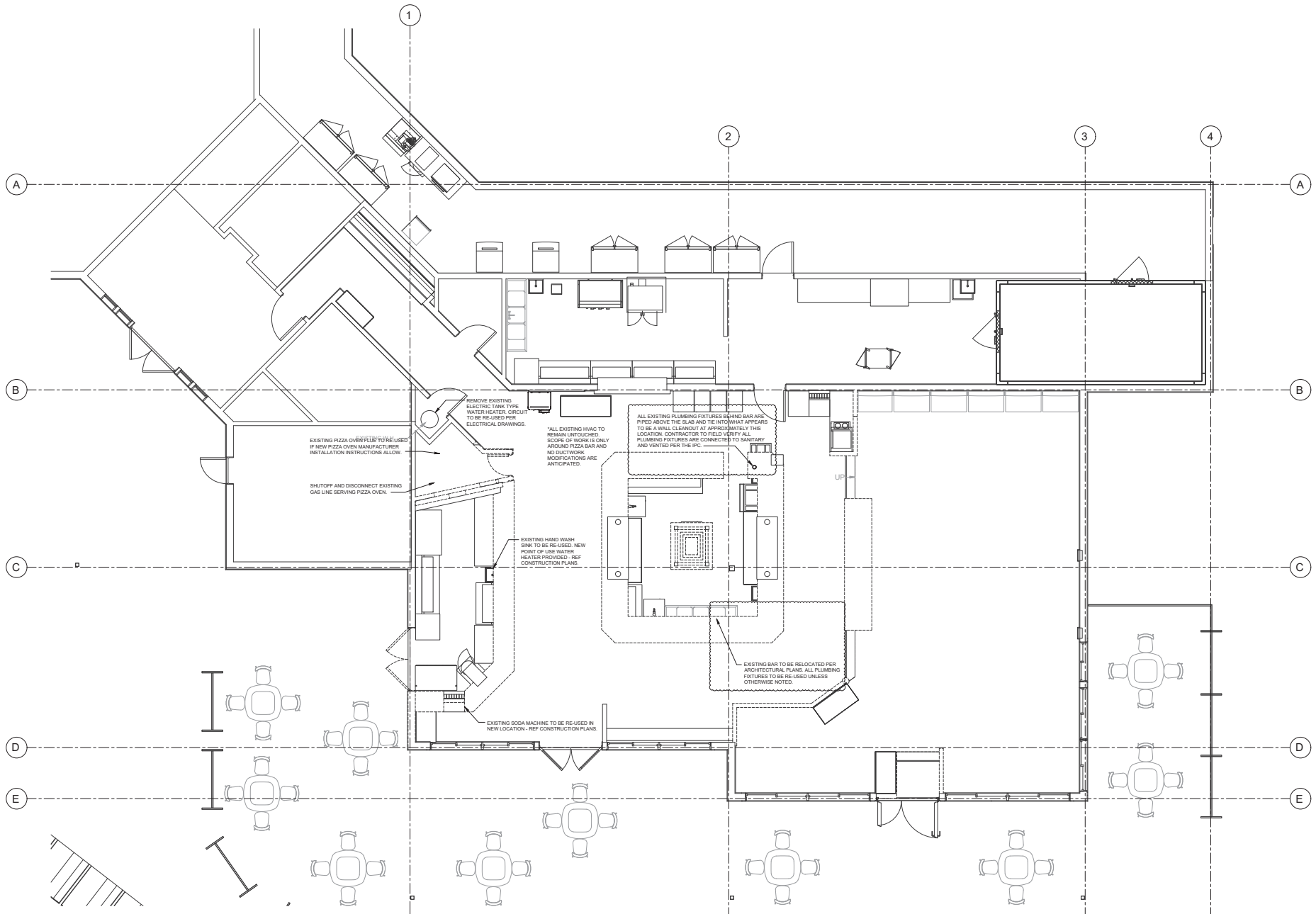
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P0-1

June 24, 2025 - 4:25:58pm



MECHANICAL - MAIN LEVEL DEMO PLAN
SCALE: 1/4" = 1'-0"



ALL NOT REPRESENTED HERE SHOWN AND
PROPOSED WORK SHALL BE THE RESPONSIBILITY OF THE
OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR
VERIFYING THE LOCATION OF ALL EXISTING UTILITIES
AND EQUIPMENT PRIOR TO THE START OF WORK. THE
OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL
NECESSARY PERMITS AND APPROVALS PRIOR TO THE
START OF WORK. THE CONTRACTOR SHALL BE
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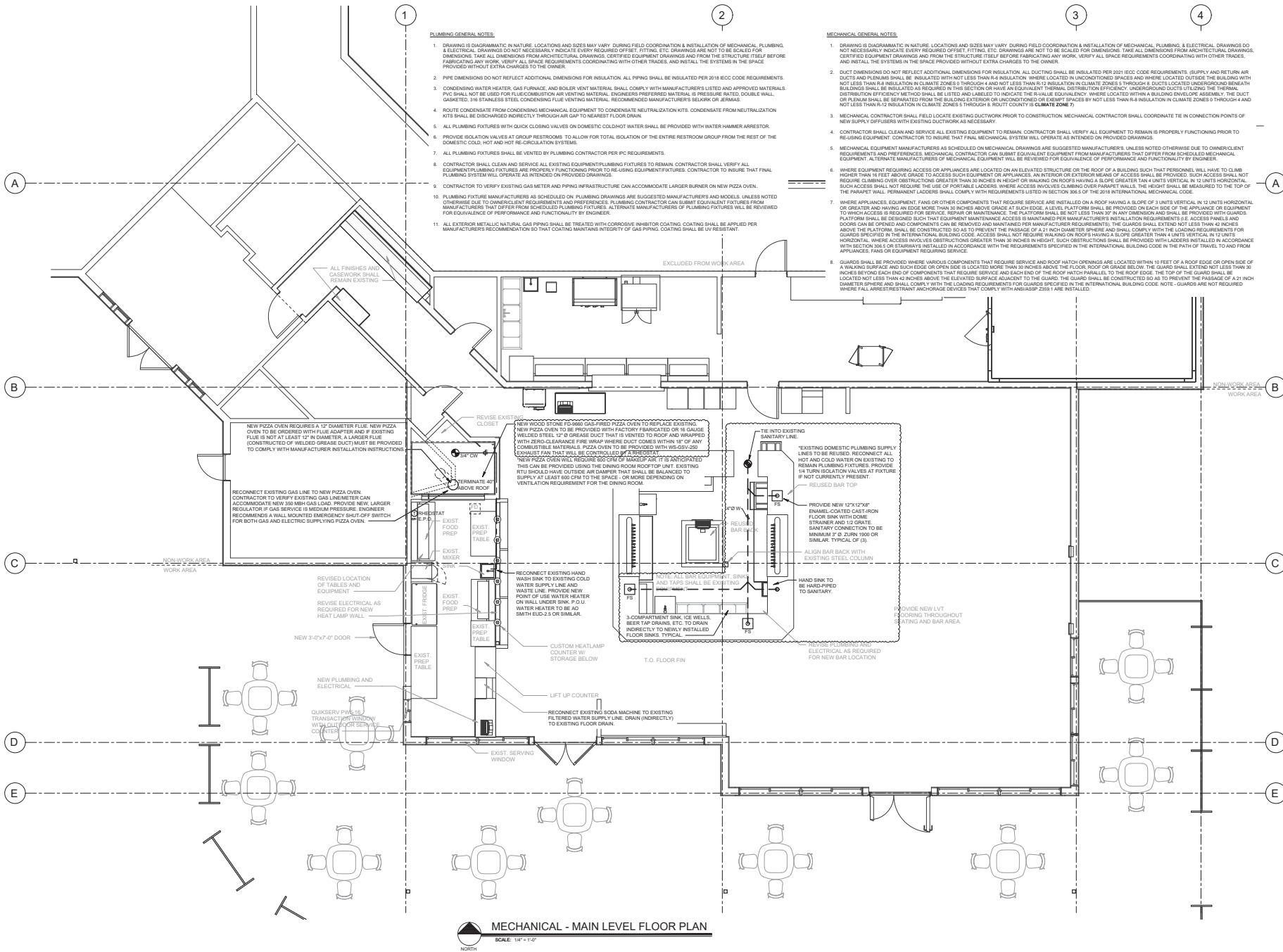
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STEAMBOAT SPRINGS, COLORADO

DATE	ISSUED FOR
10/3/2024	PERMIT
02/23/2024	PERMIT REVISIONS



DATE:	09/14/2024
JOB NO:	24-283
DRAWN BY:	
CHECKED BY:	
SCALE:	AS SHOWN
SHEET NUMBER:	MPD2-2

June 24, 2025 - 4:25:58pm



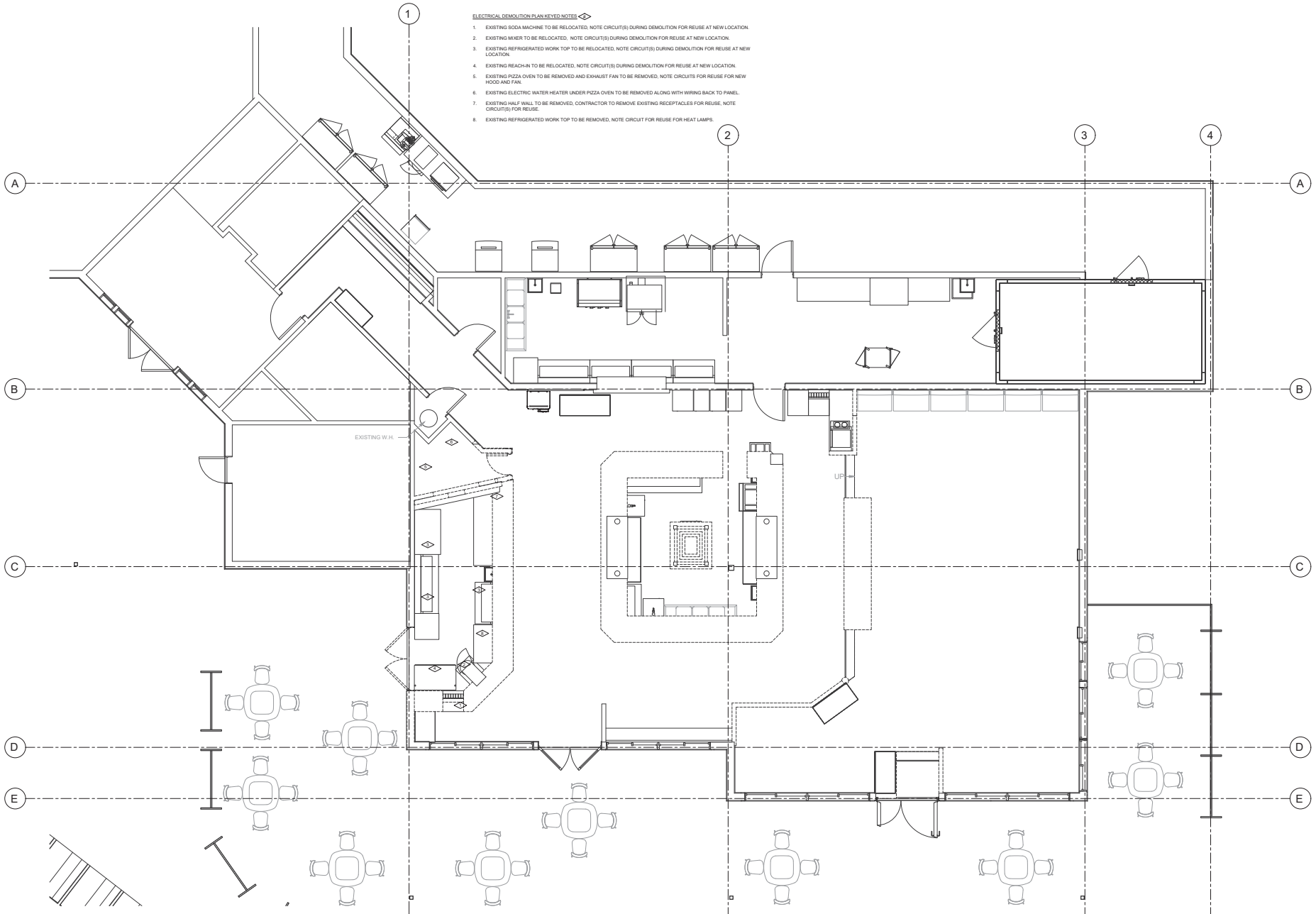
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Mechanical & Electrical Engineers
1855 SKI TIME SQUARE DRIVE
STEAMBOAT SPRINGS, COLORADO 80487
Phone: (970) 244-4370

SLOPESIDE REMODEL
MECHANICAL - MAIN LEVEL FLOOR PLAN
1855 SKI TIME SQUARE DRIVE
STEAMBOAT SPRINGS, COLORADO

DATE	ISSUED FOR
10/30/2024	PERMIT
6/23/2024	PERMIT REVISIONS



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ALL NOT RELOCATED. THESE DEMOLITION AND RELOCATION NOTES ARE FOR THE INFORMATION OF THE CONTRACTOR AND ARE NOT TO BE USED FOR THE PURPOSES OF THE PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RELOCATION OF ALL UTILITIES AND EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RELOCATION OF ALL UTILITIES AND EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RELOCATION OF ALL UTILITIES AND EQUIPMENT.

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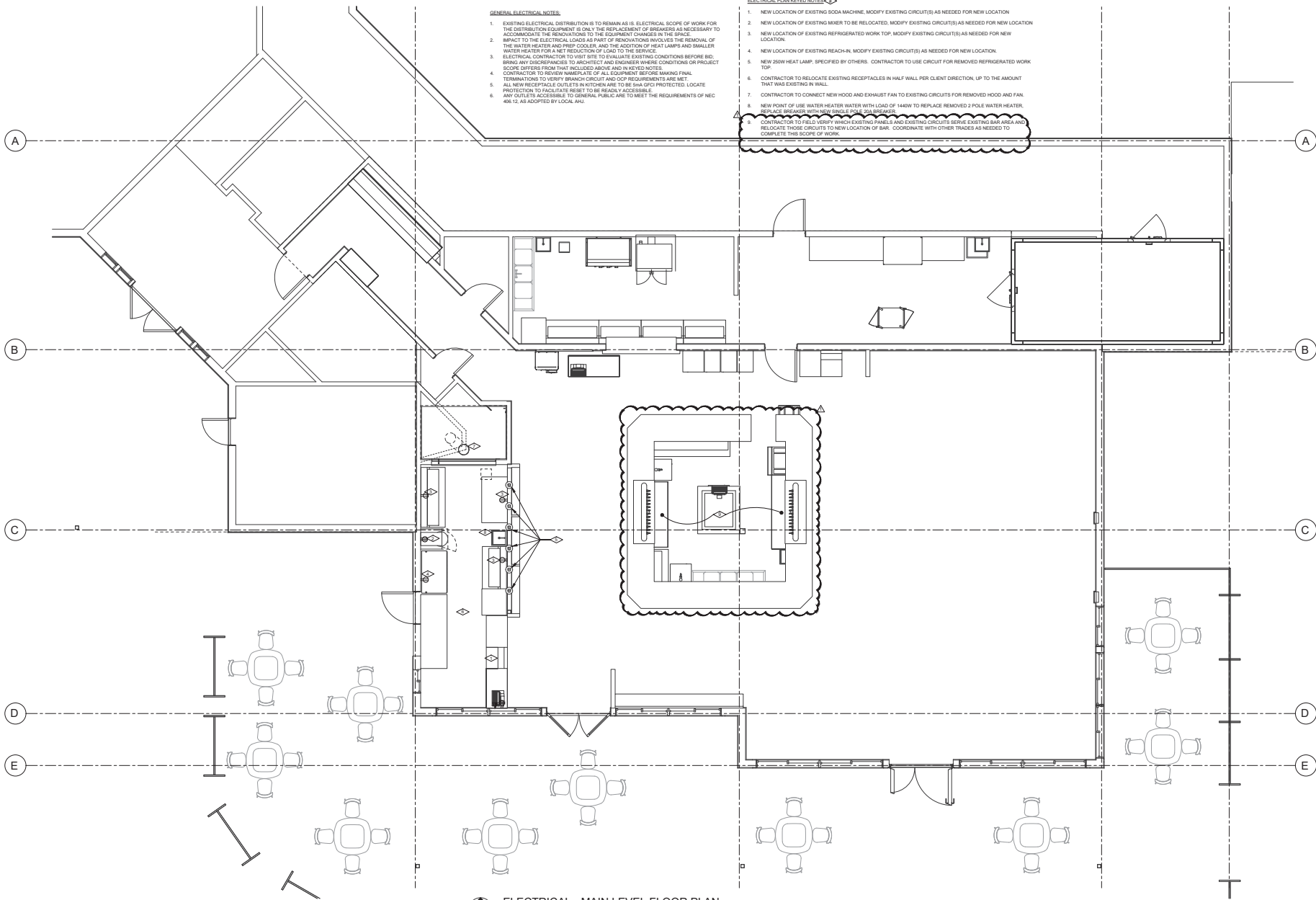


SLOPESIDE REMODEL
ELECTRICAL - MAIN LEVEL DEMO PLAN
1855 SKI TIME SQUARE DRIVE
STEAMBOAT SPRINGS, COLORADO

DATE	ISSUED FOR
10/30/24	PERMIT
02/20/24	PERMIT REVISIONS



DATE:	09/16/2024
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SHEET NUMBER:	ED2-2



GENERAL ELECTRICAL NOTES

1. EXISTING ELECTRICAL DISTRIBUTION IS TO REMAIN AS IS. ELECTRICAL SCOPE OF WORK FOR THE DISTRIBUTION EQUIPMENT IS ONLY THE REPLACEMENT OF BREAKERS AS NECESSARY TO ACCOMMODATE THE RENOVATIONS TO THE EQUIPMENT CHANGES IN THE SPACE.
2. IMPACT TO THE ELECTRICAL LOADS AS PART OF RENOVATIONS INVOLVES THE REMOVAL OF THE WATER HEATER AND PREP COOLER AND THE ADDITION OF HEAT LAMPS AND SMALLER WATER HEATER FOR A NET REDUCTION OF LOAD TO THE SERVICE.
3. ELECTRICAL CONTRACTOR TO VISIT SITE TO EVALUATE EXISTING CONDITIONS BEFORE BID. BRING ANY DISCREPANCIES TO ARCHITECT AND ENGINEER WHERE CONDITIONS OR PROJECT SCOPE DIFFERS FROM THAT INCLUDED IMPACT AND IN REVISIONS.
4. CONTRACTOR TO REVERSE MOUNTING OF ALL EQUIPMENT BEFORE MAKING FINAL CONNECTIONS TO VERIFY BRANCH CIRCUIT AND OCP REQUIREMENTS ARE MET.
5. ALL NEW RECEPTACLE OUTLETS IN KITCHEN ARE TO BE 50A GFI PROTECTED. LOCATE PROTECTION TO FACILITATE RESET TO BE READILY ACCESSIBLE.
6. ANY OUTLETS ACCESSIBLE TO GENERAL PUBLIC ARE TO MEET THE REQUIREMENTS OF NEC 408.12 AS ADOPTED BY LOCAL AHA.

ELECTRICAL PLAN KEYED NOTES

1. NEW LOCATION OF EXISTING SODA MACHINE, MODIFY EXISTING CIRCUIT(S) AS NEEDED FOR NEW LOCATION.
2. NEW LOCATION OF EXISTING MIXER TO BE RELOCATED, MODIFY EXISTING CIRCUIT(S) AS NEEDED FOR NEW LOCATION.
3. NEW LOCATION OF EXISTING REFRIGERATED WORK TOP, MODIFY EXISTING CIRCUIT(S) AS NEEDED FOR NEW LOCATION.
4. NEW LOCATION OF EXISTING REACH-IN, MODIFY EXISTING CIRCUIT(S) AS NEEDED FOR NEW LOCATION.
5. NEW 200W HEAT LAMP, SPECIFIED BY OTHERS. CONTRACTOR TO USE CIRCUIT FOR REMOVED REFRIGERATED WORK TOP.
6. CONTRACTOR TO RELOCATE EXISTING RECEPTACLES IN HALF WALL PER CLIENT DIRECTION, UP TO THE AMOUNT THAT WAS EXISTING IN WALL.
7. CONTRACTOR TO CONNECT NEW HOOD AND EXHAUST FAN TO EXISTING CIRCUITS FOR REMOVED HOOD AND FAN.
8. NEW POINT OF USE WATER HEATER WATER WITH LOAD OF 1440W TO REPLACE REMOVED 2 POLE WATER HEATER. REPLACE BREAKER WITH NEW SINGLE POLE 20A BREAKER.
9. CONTRACTOR TO FIELD VERIFY WHICH EXISTING PANELS AND EXISTING CIRCUITS SERVE EXISTING BAR AREA AND RELOCATE THOSE CIRCUITS TO NEW LOCATION OF BAR. COORDINATE WITH OTHER TRADES AS NEEDED TO COMPLETE THIS SCOPE OF WORK.



ELECTRICAL - MAIN LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"

DO NOT REPRODUCE THESE DRAWINGS AND INFORMATION WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. ANY REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF THE ENGINEER IS PROHIBITED. ANY REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF THE ENGINEER IS PROHIBITED. ANY REPRODUCTION OF THESE DRAWINGS WITHOUT THE WRITTEN CONSENT OF THE ENGINEER IS PROHIBITED.

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