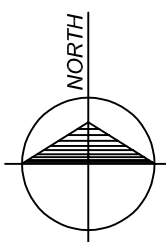


MECHANICAL SPECIFICATIONS	
SECTION	1. ALL WORK TO BE DONE AND MATERIALS FURNISHED COMPLYING WITH THE LATEST ENFORCEABLE LOCAL AND STATE CODES, ORDINANCES, LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO THE MICHIGAN MECHANICAL CODE (M.M.C.), ASHRAE 90.1 "ENERGY" STANDARDS FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL BUILDINGS", ASHRAE 62.1 "VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY", MICHIGAN PLUMBING CODE (M.P.C.), MICHIGAN BUILDING CODE (M.B.C.), INTERNATIONAL FUEL GAS CODE (I.F.G.C.), THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA), ADA GUIDELINES, AND LOCAL, STATE, AND FEDERAL FIRE SAFETY CODES (NFPA).
23 00 00	2. ALL MATERIALS USED SHALL BE NEW AND UNDAMAGED.
BASIC MECHANICAL REQUIREMENTS	3. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH CURRENT CONSTRUCTION INDUSTRY STANDARDS AND WORKMANSHIP.
	4. LABEL PIPING AND EQUIPMENT USING PROFESSIONAL MARKERS PER THE LATEST VERSION OF ASME A13.1:
	4.1. PROVIDE PROFESSIONAL, PIPE STICKERS ON ALL NEW PIPING 1" AND GREATER IDENTIFYING TYPE AND DIRECTION OF FLOW.
	4.2. PROVIDE PROFESSIONAL ENGRAVED PLASTIC EQUIPMENT NAMEPLATES FOR ALL HVAC EQUIPMENT IDENTIFYING EQUIPMENT TAG AND NUMBER. SEE PLANS FOR EQUIPMENT TAG NUMBERS (FOR EXAMPLE, B-1, P-1, AHU-1, ... ETC.)
	5. ALL MANUFACTURED EQUIPMENT, ACCESSORIES AND MATERIALS SHALL BE USED AS INTENDED BY THE MANUFACTURER IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS.
23 05 93	1. THE MECHANICAL CONTRACTOR SHALL SUBCONTRACT A TEST AND BALANCE CONTRACTOR TO BALANCE THE SYSTEMS DESCRIBED BELOW.
TESTING, ADJUSTING, BALANCING	2. PER COMPLIANCE WITH THE LATEST VERSION OF ASHRAE 90.1, THE BALANCER SHALL SUBMIT AN AIR BALANCE REPORT TO THE ENGINEER AND STATE OR COUNTY INSPECTOR.
	3. THE BALANCE REPORT SHALL SHOW PROOF THAT THE SYSTEM HAS BEEN BALANCED TO +/- 10% OF THE DESIGNED FLOW RATE. IT IS THE MECHANICAL CONTRACTOR AND TEST AND BALANCER'S DUTY TO PROVIDE ACCURATE DATA. SO AREAS OF INCORRECT FLOW MAY BE DISCLOSED TO THE ENGINEER, INSPECTOR, AND OWNER.
	4. ALL AIRSIDE SYSTEMS, COMPONENTS, ETC. INCLUDING SUPPLY, RETURN, OUTDOOR, AND EXHAUST AIR SYSTEMS SHALL BE BALANCED. THE BALANCER SHALL PROVIDE SHEAVES AND BELTS AS NEEDED TO PROPERLY BALANCE EQUIPMENT TO +/- 10% OF THE DESIGNED AIRFLOWS, ALL DIFFUSERS, REGISTERS, GRILLES, AND LOWERS SHALL BE INDIVIDUALLY BALANCED AND LISTED IN THE BALANCE REPORT. ALL AIRSIDE EQUIPMENT, SUPPLY, RETURN, AND OUTDOOR AIR FLOW RATES SHALL BE LISTED IN THE BALANCE REPORT.
	5. ALL WATERSIDE SYSTEM PUMPS AND VALVES SHALL BE BALANCED, INCLUDING HOT WATER HEATING, CHILLED WATER COOLING, AND HEAT PUMP SYSTEMS.
	6. ALL PUMP AND/OR VALVE WATER FLOW RATES, EQUIPMENT COIL FLOW RATES, AND HEATING COMPONENT (FIN-TUBE, RADIANT PANELS, ETC.) FLOW RATES SHALL BE INDIVIDUALLY MEASURED, BALANCED, AND LISTED IN THE BALANCE REPORT.
	7. ALL HVAC MOTOR DATA INCLUDING FREQUENCY (RPM), AMP DRAW, HORSEPOWER, EXTERNAL STATIC PRESSURE, HEAD PRESSURE, ETC., SHALL BE INCLUDED IN THE BALANCE REPORT.
SECTION	1. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL VENTILATOR(S) AND/OR EXHAUST FAN(S) AS SHOWN AND SCHEDULED. THE UNIT(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, AND SHALL PERFORM AT THE CONDITIONS SCHEDULED.
23 34 23	2. INSTALL VENTILATOR(S) AND/OR EXHAUST FAN(S) WITH CLEARANCES FOR SERVICE AND MAINTENANCE.
HVAC POWER VENTILATORS	3. THE MECHANICAL CONTRACTOR SHALL PROVIDE ONE (1) BACKDRAFT DAMPER FOR EACH VENTILATOR AND/OR EXHAUST FAN, OR SHALL VERIFY A BACKDRAFT DAMPER HAS BEEN FACTORY INSTALLED.
	4. THE MECHANICAL CONTRACTOR SHALL ADJUST DAMPER LINKAGES FOR PROPER OPERATION. IF THE VENTILATOR(S) AND/OR EXHAUST FAN(S) ARE BELT DRIVEN, THE MECHANICAL CONTRACTOR SHALL ADJUST BELT TENSION AT STARTUP.
	4.1. FAN UNIT: V-BELT OR DIRECT DRIVE, AS INDICATED, WITH SPUN ALUMINUM HOUSING; RESILIENT MOUNTED MOTOR; 1/2" INCH MESH, 0.62 INCH THICK ALUMINUM WIRE BIRDSOON; SQUARE BASE TO SUIT ROOF CURB WITH CONTINUOUS CURB GASKETS.
	4.2. DISCONNECT SWITCH: FACTORY WIRE, NON-FUSIBLE, IN HOUSING FOR THERMAL OVERLOAD PROTECTED MOTOR.
	4.3. BACKDRAFT DAMPER: GRAVITY ACTUATED, ALUMINUM MULTIPLE BLADE CONSTRUCTION, FLANGED STYLE FOR FLUSH MOUNTING, NYLON BEARINGS, STAINLESS STEEL BEARING PINS, BLADES LINKED, FULL OPENING BLADES.
23 82 39	4.4. SHEAVES: CAST IRON OR STEEL, DYNAMICALLY BALANCED, BORED TO FIT SHAFTS AND KEYS; VARIABLE AND ADJUSTABLE PITCH MOTOR SHEAVE SELECTED SO REQUIRED RPM IS OBTAINED WITH SHEAVES SET AT MID-POSITION; FAN SHAFT WITH SELF-LUBRICATING PRE-LUBRICATED BALL BEARINGS..
	4.5. MANUFACTURERS: LOREN COOK, ACME, GREENHECK
	1. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL ELECTRIC HEATING UNITS INCLUDING: ELECTRIC WALL HEATERS, ELECTRIC CEILING HEATERS, ELECTRIC RADIANT PANELS, AND ELECTRIC BASEBOARD . THE UNIT(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, AND SHALL PERFORM AT THE CONDITIONS SCHEDULED. ALL UNITS SHALL BE UL RATED.
	2. THE ELECTRIC HEATING UNITS SHALL INCLUDE ONE OR MORE OF THE FOLLOWING SAFETY DEVICES AS LISTED IN THE ELECTRIC HEATING SCHEDULE: THERMAL SAFETY CUT-OUT CONTROL WITH AUTO RESET FUNCTION; THERMAL SAFETY CUT-OUT WITH MANUAL RESET FUNCTION; AIR-PROOF SWITCH, EACH TYPE OF THERMAL SAFETY DEVICE SHALL SHUT DOWN THE ELECTRIC HEATING SYSTEM WHEN THE UNITS TEMPERATURE EXCEEDS THE FACTORY SET HIGH LIMIT.
	3. THE ELECTRIC HEATING UNIT SHALL BE OF THE WATTAGE AND VOLTAGE AS SCHEDULED.

LOUVER SCHEDULE											
TAG	DESCRIPTION				MANUFACTURER AND MODEL	MATERIAL	COLOR & FINISH	AIRFLOW (CFM)	VELOCITY (FPM)	APD (IN WG)	REMARKS
	TYPE/SERVICE	FLANGED	THICKNESS (IN)	SIZE (IN)							
L-6	STATIONARY EXTRUDED LOUVER WITH DRAINABLE BLADES & 3/4" BIRD SCREEN	YES 1-1/2"	4"	18x24 (NOMINAL)	GREENHECK ESD-403	ALUMINUM	HI-PRO POLY COATING (COLOR BY ARCH)	1000	781	0.1"	FURNISH WITH LOW-LEAKAGE MOTORIZED BACK DRAFT DAMPER

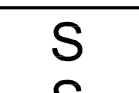
































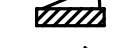
ELECTRIC HEATER SCHEDULE											
TAG	LOCATION	MANUFACTURER AND MODEL	AIRFLOW (CFM)	DIMENSIONS (INCHES)			ELECTRICAL DATA			CONTROL DATA	REMARKS
				W	H	D	VOLTAGE/PHASE	WATTS	F.L.A.		
EH-5	IRRIGATION BUILDING	BERKO HUH1548	750	18	18	17.5	480 / 60 / 1	15 KW	33	WALL MOUNT THERMOSTAT	UNIT WOUNDED DISCONNECT FACTORY WIRED FOR 3 PHASE - FIELD CONVERT TO 1 PHASE

TAG	LOCATION AND SERVICE	MANUFACTURER AND MODEL	AIRFLOW (CFM)	E.S.P. (IN. W.G.)	NOISE DATA (SONES)	ELECTRICAL DATA				CONTROL DATA	REMARKS
						VOLTAGE	HP	RPM	F.L.A.		
EF-9	LAB BUILDING: TERTIARY FILTER ROOM 106 EXHAUST	GREENHECK CUE-120-VG	1000	0.35"	7.4	120 / 60 / 1	1/4	1072	—	REVERSE ACTING LINE-VOLTAGE THERMOSTAT	PROVIDE WITH VARI-GREEN EC MOTOR; GRAVITY BED; DISCONNECT; SPRING ISOLATORS



SCALE: 1/4" = 1'-0"

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	NOTES
	SINGLE POLE SWITCH, (LEVITON #CSB1-20-W)	MOUNT @ 44" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	THREE-WAY SWITCH, (LEVITON #CSB3-20-W)	MOUNT @ 44" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	FOUR-WAY SWITCH, (LEVITON #CSB4-20-W)	MOUNT @ 44" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	WALL MOUNTED FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	ROUND FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	2'x4' FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	1'x4' FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	WALL MOUNTED FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	EXIT SIGN, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	PHOTOCELL	INTERMATIC #K4321
	DUPLEX OUTLET - 20 AMP (LEVITON #BR20-W)	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	DUPLEX OUTLET - WEATHER PROOF "IN-USE" COVER	MOUNT @ 24" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	DUPLEX OUTLET - GROUND FAULT (LEVITON #8899-W)	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	DUPLEX OUTLET - DEDICATED CIRCUIT	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	208V, 4 WIRE OUTLET, AS SPECIFIED	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	SINGLE-PHASE SPECIAL PURPOSE OUTLET, AS NOTED	REFER TO SHOP DRAWINGS FOR CONNECTION REQUIREMENTS
	THREE-PHASE SPECIAL PURPOSE OUTLET, AS NOTED	REFER TO SHOP DRAWINGS FOR CONNECTION REQUIREMENTS
	WIREMOLD OR PLUG-IN STRIP, AS SPECIFIED	REFER TO SPECIFICATIONS AND DRAWINGS
	JUNCTION BOX WITH BLANK COVER, AS SPECIFIED	
	SINGLE-PHASE MOTOR, AS SPECIFIED	
	THREE-PHASE MOTOR, AS SPECIFIED	
	SINGLE-PHASE FUSED OR NON-FUSED DISCONNECT	
	SINGLE-PHASE MANUAL STARTER OR COMB. DISC./STARTER	
	THREE-PHASE FUSED OR NON-FUSED DISCONNECT	
	THREE-PHASE MANUAL STARTER OR COMB. DISC./STARTER	
	MOTOR TOGGLE SWITCH WITH THERMAL OVERLOAD AND LOCKOUT	SQUARE D #CLASS 2510 FGJ5P (SINGLE POLE)
	DISTRIBUTION POWER PANELS	REFER TO SPECIFICATIONS AND ONE-LINE DIAGRAM.
	LIGHTING/BRANCH CIRCUIT PANELS	REFER TO SPECIFICATIONS AND ONE-LINE DIAGRAM.
	DATA OUTLET (DESK IS THE DEFAULT LOCATION)	W DENOTES WALL OUTLET. MOUNT @ 44" A.F.F. TO BOTTOM OF BOX. D DENOTES DESK OUTLET. MOUNT @ 16" A.F.F. TO BOTTOM OF BOX. P DENOTES PAY OUTLET. MOUNT @ 36" A.F.F. TO BOTTOM OF BOX. E.C. TO PROVIDE AND INSTALL 4" SQ. x 2-1/8" DEEP BOX WITH 2" DEEP PLASTER RING AND 1" CONDUIT STUBBED ABOVE CEILING.
	TELEPHONE OUTLET (DESK IS THE DEFAULT LOCATION)	W DENOTES WALL OUTLET. MOUNT @ 44" A.F.F. TO BOTTOM OF BOX. D DENOTES DESK OUTLET. MOUNT @ 16" A.F.F. TO BOTTOM OF BOX. P DENOTES PAY OUTLET. MOUNT @ 36" A.F.F. TO BOTTOM OF BOX. E.C. TO PROVIDE AND INSTALL 4" SQ. x 2-1/8" DEEP BOX WITH 2" DEEP PLASTER RING AND 1" CONDUIT STUBBED ABOVE CEILING.
	THERMOSTAT	
	FIRE ALARM AUDIBLE/VISIBLE	MOUNT @ MIN. 80", MAX. 96" A.F.F. BASED ON EDWARDS
	GENERATOR EMERGENCY POWER OFF BUTTON	INCLUDE LEXAN GUARD COVER
	GENERATOR REMOTE ANNUNCIATOR	INCLUDE LEXAN GUARD COVER

ABBREVIATIONS

1-21	PANEL 1, CIRCUIT 21	EMT	ELECTRICAL METALLIC TUBING	MC	MECHANICAL CONTRACTOR	RGS	RIGID GALVANIZED STEEL
A	AMPERES	ERV	ENERGY RECOVERY VENTILATOR	MCB	MAIN CIRCUIT BREAKER	TR	TAMPER RESISTANT
AC	ABOVE COUNTER	E-R	EXISTING TO BE RELOCATED	MDP	MAIN DISTRIBUTION PANEL	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
AFF	ABOVE FINISH FLOOR	ETR	EXISTING TO REMAIN	MLO	MAIN LUG ONLY	UGRD	UNDERGROUND
AFG	ABOVE FINISH GRADE	EW	ELECTRIC WATER COOLER	NL	NIGHT LIGHT	UON	UNLESS OTHERWISE NOTED
BC	BELOW COUNTER	EW	ELECTRIC WATER HEATER	NTS	NOT TO SCALE	V	VOLT
C	CONDUIT	EXP	EXPLOSION PROOF	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	VFD	VARIABLE FREQUENCY DRIVE
C/B, CB	CIRCUIT BREAKER	G	GROUND	P	PUMP	VIF	VERIFY IN FIELD
DWG	DRAWING	GEC	GROUNDING ELECTRODE CONDUCTOR	PNL	PANEL	W	WIRE
E	EXISTING TO REMAIN	GFI	GROUND FAULT CIRCUIT INTERRUPTER	PS	PRIMARY SWITCH	WG	WIREGUARD
EC	ELECTRICAL CONTRACTOR	KCMIL	THOUSAND CIRCULAR MILS	PT	PRIMARY TRANSFORMER	WP	WEATHERPROOF
EF	EXHAUST FAN	KVA	KILOVOLT-AMPERES	PVC	POLYVINYL CHLORIDE	XFMR	TRANSFORMER
EGC	EQUIPMENT GROUNDING CONDUCTOR	KW	KILOWATTS	Q	QUADRIplex (DOUBLE DUPLEX) RECEPTACLE		

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	VOLTS	LAMPS	CATALOG NO.	REMARKS
A	NOT USED	--	--	--	--
B	NOT USED	--	--	--	--
C	4' LED SURFACE MT. WET LOCATION	120	LED, 30W, 4000 LUMENS, 4000K 80+ CRI	FAIL-SAFE #4VRVT2-LD5-4-DR100-UNV-L840-CD1-WL-SSL OR PRE-APPROVED EQUAL	--
D	LED WALL PACK WET LOCATION	120	LED, 26W, 2710 LUMENS, 4000K 70+ CRI	LUMARK #XTOR3B-W-PC1 OR PRE-APPROVED EQUAL	--

NOTES

(TYPICAL OF ALL SHEETS)

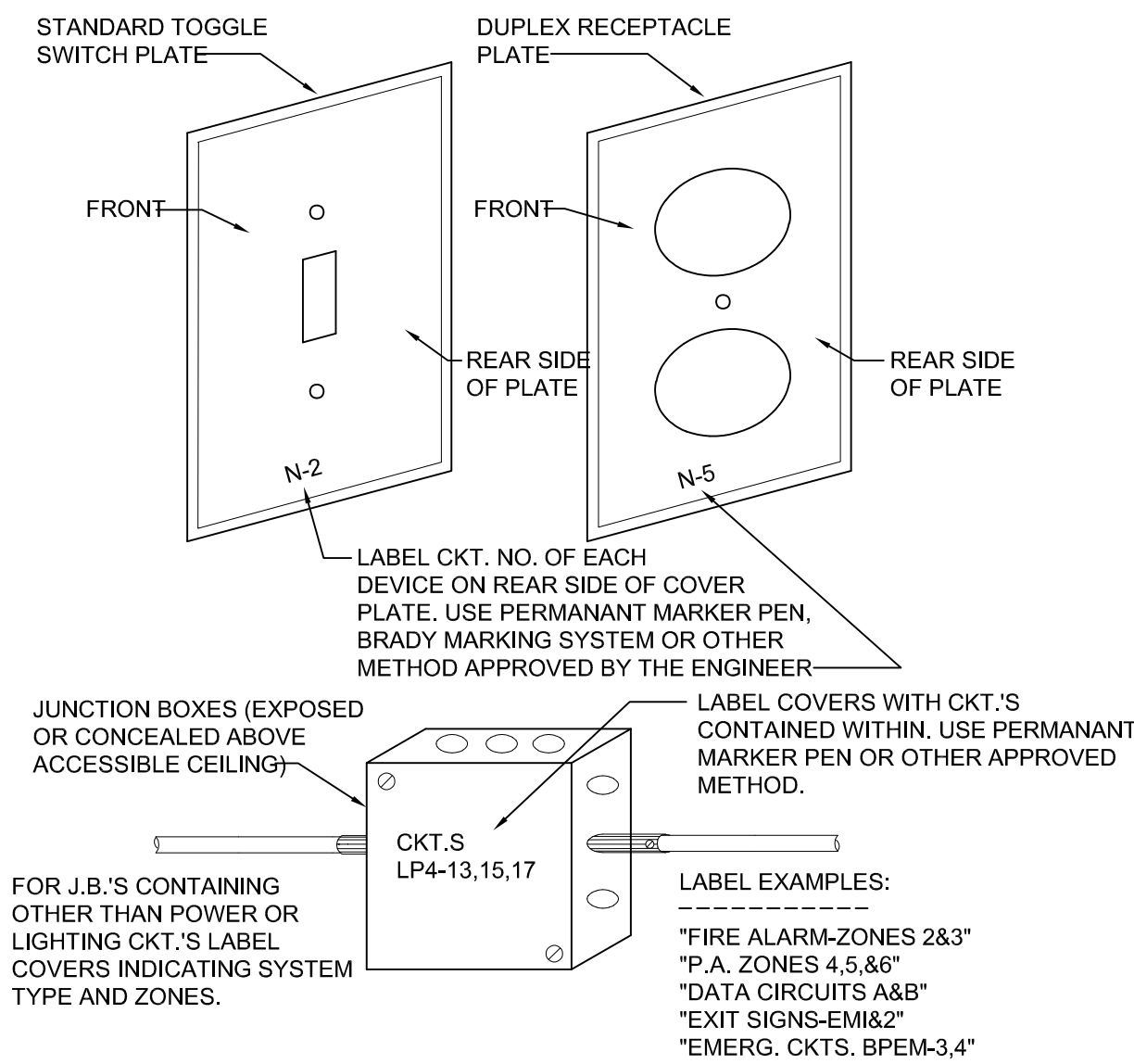
- ALL ELECTRICAL EQUIPMENT AND WIRING METHODS SHALL MEET 2023 N.E.C. CLASS 1, DIVISION 2, GROUP C & D, HAZARDOUS LOCATIONS IN SCREENING ROOM #100.
- ALL ELECTRICAL PIPING IN CLASS I, DIVISION 2, GROUP C & D SHALL BE PVC COATED RIGID CONDUIT, SURFACE MOUNTED. ALL OTHER CONDUIT SHALL BE (GRS) UNLESS NOTED OTHERWISE ON DRAWINGS. USE PVC CONDUIT STRAPS.
- NOT USED
- 1" PVC COATED RIGID CONDUIT WITH :
1-3 WIRE #18 AWG TWISTED / 100% SHIELDED CABLE BELDON #8770
1-2 WIRE #18 AWG TWISTED / 100% SHIELDED CABLE BELDON #9368
1-2 WIRE #18 AWG TWISTED / 100% SHIELDED CABLE BELDON #9368
- NOT USED.
- STROBE WARNING LIGHT (1) SUPPLIED BY CONTROL PANEL MANUFACTURER (CP-1). INSTALLED & WIRED BY E.C.
- T.C.C. SHALL INTERLOCK MAU-1 AND EF-1 TOGETHER THROUGH R1. JUNCTION BOX SHALL BE NEMA #3R ENCLOSURES. BOTH MAU-1 AND EF-1 SHALL RUN TOGETHER. A THERMOSTAT THERMOSTAT SHALL CONTROL THE HEAT CYCLE ON MAU-1.
- NOT USED.
- GROUNDING ELECTRODE CONDUCTOR (G.E.C.) AND/OR EQUIPMENT GROUNDING CONDUCTORS (E.G.C.) SHALL BE REQUIRED IN ALL CONDUIT, SIZED PER TABLES 250-66 & 250-122 RESPECTIVELY.
- REFER TO P&ID SHEETS (G-8 THROUGH G-13) AND SPECIFIED FUNCTIONAL INTENT FOR ADDITIONAL INSTRUMENTATION INFORMATION. REQUIRED TO BE INSTALLED BY E.C.

WIRE SIZE REQUIREMENTS

NOTE:
BASED ON A MAXIMUM OF 3.6-VOLT DROP (3%) ON 120V CIRCUITS. WIRES FOR RUNS OVER 100'-0" SHALL BE DETERMINED ON THIS A MAXIMUM OF A 3% DROP ALLOWED.

BRANCH CIRCUIT AMPS	LENGTH OF RUN - FROM PANEL TO FIRST CONNECTION - FEET								
	50'	60'	70'	80'	90'	100'	110'	120'	130'
15	#12	#12	#12	#10	#10	#10	#10	#10	#8
20	#12	#10	#10	#10	#10	#8	#8	#8	#8
30	#10	#10	#8	#8	#8	#6	#6	#6	#6

ELECTRICAL IDENTIFICATION

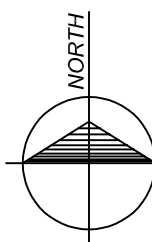


Know what's below.
Call before you dig.

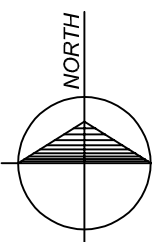


SCALE: NONE

N DENOTES TO PROVIDE AND INSTALL A NEW CIRCUIT BREAKER, SIZED AS NOTED IN EXISTING PANEL SPACE



SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"

1. DISCONNECT AND REMOVE ALL EXISTING LIGHTS AND SWITCHES IN THIS AREA, AS INDICATED. REMOVE EXISTING CIRCUITRY (WIRING) AND CONDUIT BACK TO PANEL AND DISCARD, UNLESS IT IS SHOWN TO BE REPURPOSED. INSTALL NEW LIGHTS AND CONTROLS AS SHOWN ON THIS SHEET. REUSE EXISTING CIRCUIT, IF SHOWN, OR CIRCUIT TO PANEL WITH NEW CIRCUIT AS SHOWN ON THIS SHEET. PROVIDE BLANK COVER PLATES FOR EMPTY GANG BOXES.
2. DISCONNECT AND REMOVE ALL EXISTING RECEPTACLES AND POWER DEVICES IN THIS AREA, AS INDICATED. REMOVE EXISTING CIRCUITRY (WIRING) AND CONDUIT BACK TO SOURCE AND DISCARD, UNLESS IT IS SHOWN TO BE REPURPOSED. INSTALL NEW RECEPTACLES AND POWER DEVICES AS SHOWN ON THIS SHEET. REUSE EXISTING CIRCUIT, IF SHOWN, OR CIRCUIT TO PANEL WITH NEW CIRCUIT AS SHOWN ON THIS SHEET. PROVIDE BLANK COVER PLATES FOR EMPTY GANG BOXES.
3. DISCONNECT AND REMOVE ELECTRICAL DEVICES(S) WHICH WILL INTERFERE WITH THE DEMOLITION AND REMOVAL OF WALLS, FLOORING, AND/OR CEILING AS DESCRIBED IN THE ARCHITECTURAL DEMOLITION PLANS. REMOVE EXISTING CIRCUITRY (WIRING) AND CONDUIT BACK TO PANEL AND DISCARD.

(TYPICAL OF ALL SHEETS

1. ALL ELECTRICAL EQUIPMENT AND WIRING METHODS SHALL MEET 2023 N.E.C. CLASS I, DIVISION 2, GROUP C & D, HAZARDOUS LOCATIONS IN SCREENING ROOM #100.
2. ALL ELECTRICAL PIPING IN CLASS I, DIVISION 2, GROUP C & D SHALL BE PVC COATED RIGID CONDUIT, SURFACE MOUNTED. ALL OTHER CONDUIT SHALL BE (GRS) UNLESS NOTED OTHERWISE ON DRAWINGS. USE PVC CONDUIT STRAPS.
3. NOT USED
4. NOT USED.
5. NOT USED.
6. NOT USED.
7. NOT USED.
8. NOT USED.
9. GROUNDING ELECTRODE CONDUCTOR (G.E.C.) AND/OR EQUIPMENT GROUNDING CONDUCTORS (E.G.C.) SHALL BE REQUIRED IN ALL CONDUIT, SIZED PER TABLES 250-66 & 250-122 RESPECTIVELY.
10. NOT USED.

