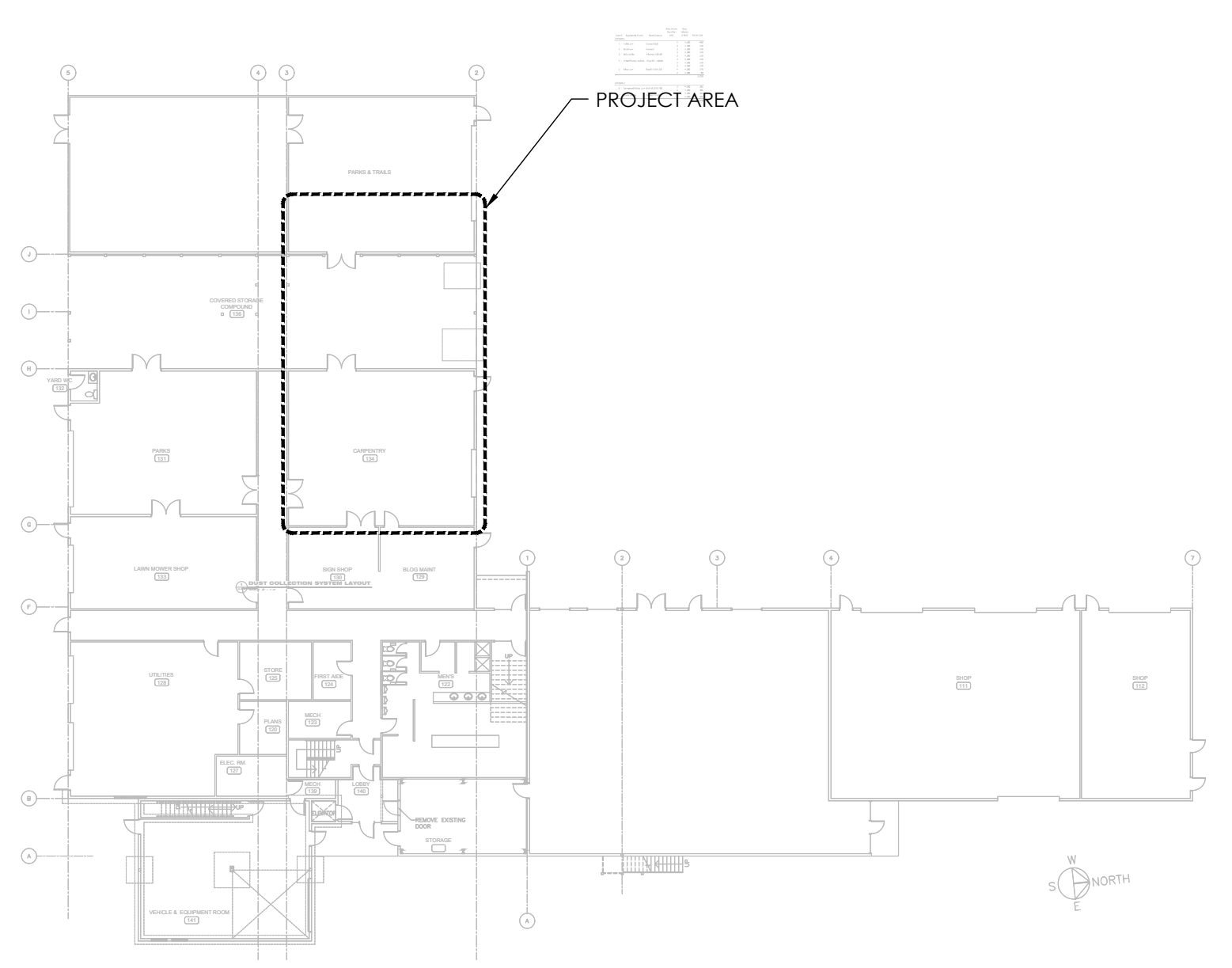


EXISTING ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



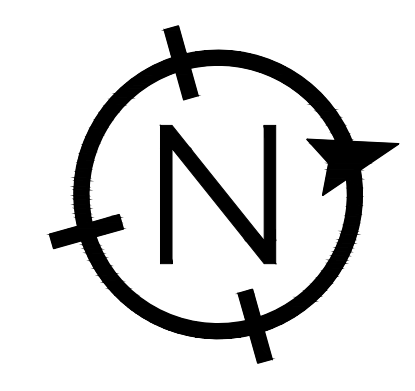
KEY PLAN
SCALE: 1/32" = 1'-0"

ELECTRICAL NOTES:
1. DISCONNECT EXISTING DUST COLLECTOR AND REMOVE ALL ASSOCIATED WIRING AND EQUIPMENT BACK TO SOURCE.

LIGHTING LEGEND	
	EMERGENCY LIGHTING HEADS
	EMERGENCY BATTERY PACK C/W LIGHT HEADS
	EXIT LIGHT, DIRECTIONAL WHEN SHOWN WITH ARROWS
	LED EXIT SIGN/ EMERGENCY HEAD COMBINATION
	LIGHTING CONTROL DEVICE: OCCUPANCY SENSOR VACANCY SENSOR PROGRAMMABLE TIME SWITCH DIMMER (0-10V) LOW VOLTAGE SWITCH THREE-WAY SWITCH CONTROL/RELAY
	CEILING MOUNTED OCCUPANCY SENSOR
	DAYLIGHT SENSOR/ROOM CONTROLLER
POWER LEGEND	
	DUPLEX RECEPTACLE
	CONTROLLED RECEPTACLE
	QUAD RECEPTACLE
	3 POLE RECEPTACLE (RATING)
	2 POLE RECEPTACLE (RATING)
	EQUIPMENT CONNECTION
	MOTOR
	MOTOR DISCONNECT SWITCH
	MOTOR LABEL
	FURNITURE CONNECTION
	ELECTRICAL PANEL
COMMUNICATIONS LEGEND	
	COMMUNICATIONS OUTLET 1V/1D-DIGITS INDICATE NO. OF VOICE AND DATA CABLES AND/OR PORTS.
	MONITOR, CATV, COMP CONNECTION-COAX.
	EXISTING DATA OUTLET
FIRE ALARM LEGEND	
	MANUAL PULL STATION
	BELL
	STROBE LIGHT
	SMOKE DETECTOR
	HEAT DETECTOR
	MAGNETIC DOOR HOLDER
	FIRE ALARM ANNUNCIATOR
	FIRE ALARM CONTROL PANEL
SECURITY LEGEND	
	CARD READER
	ELECTRIC LOCK
	CAMERA
	KEYPAD
	HORN
	WINDOW CONTACT
	DOOR CONTACT
	HANDICAPPED DOOR OPERATOR
	PUSH BUTTON
	MOTION DETECTOR
ANNOTATIONS	
	GFI GROUND FAULT INTERRUPTING DEVICE
	AF ARC FAULT INTERRUPTING DEVICE
	30A AMP RATING OF DEVICE
	WP WEATHERPROOF DEVICE
	FR FRIDGE RECEPTACLE
	DW DISHWASHER RECEPTACLE PROVIDE DEDICATED CIRCUIT
	MW MICROWAVE RECEPTACLE PROVIDE DEDICATED CIRCUIT
	+48" DEVICE MOUNTING HEIGHT ABOVE FLOOR
	---- DASHED LINE - EXISTING DEVICES

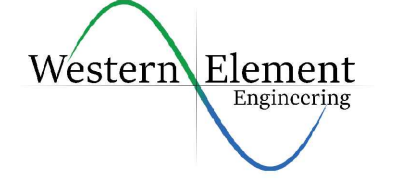
DRAWING LIST:

E1	KEY PLAN, EXISTING ELECTRICAL PLAN, SYMBOLS LEGEND
E2	NEW ELECTRICAL PLAN
E3	DETAILS & SPECIFICATIONS



NOT FOR CONSTRUCTION

ISSUE	
DESCRIPTION	
ISSUED FOR REVIEW	NOV.14, 2024
ISSUED FOR TENDER	FEB.21, 2024



WESTERN ELEMENT ENGINEERING INC.
220-145 Chadwick Court
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EGBC PERMIT TO PRACTICE: 1000192

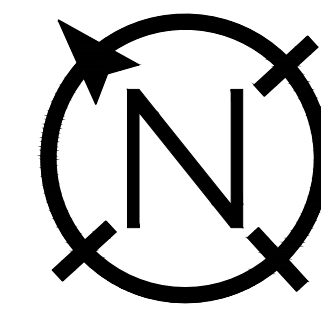
SEAL:

PROJECT ADDRESS:
8020 NESTERS ROAD
WHISTLER, BC

PROJECT TITLE:
WHISTLER PUBLIC WORKS
YARD DUST COLLECTOR

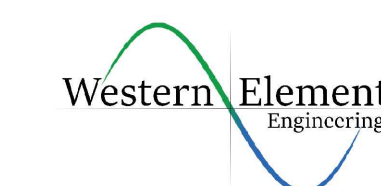
DRAWING TITLE:
KEY PLAN,
EXISTING ELECTRICAL PLAN,
& SYMBOLS LEGEND

PROJECT No.:	2389	DRAWING NUMBER: E1 OF 3
DESIGNED:	PK	
CHECKED:	PK	
DATE:	FEB.02.24	
SCALE:	AS SHOWN	



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SEAL:

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8020 NESTERS ROAD
WHISTLER, BC

PROJECT TITLE:
WHISTLER PUBLIC WORKS
YARD DUST COLLECTOR

DRAWING TITLE:
NEW ELECTRICAL PLAN

PROJECT No.:	2389	DRAWING NUMBER: E2 OF 3
DESIGNED:	PK	
CHECKED:	PK	
DATE:	FEB.02.24	
SCALE:	AS SHOWN	

PARKS & TRAILS

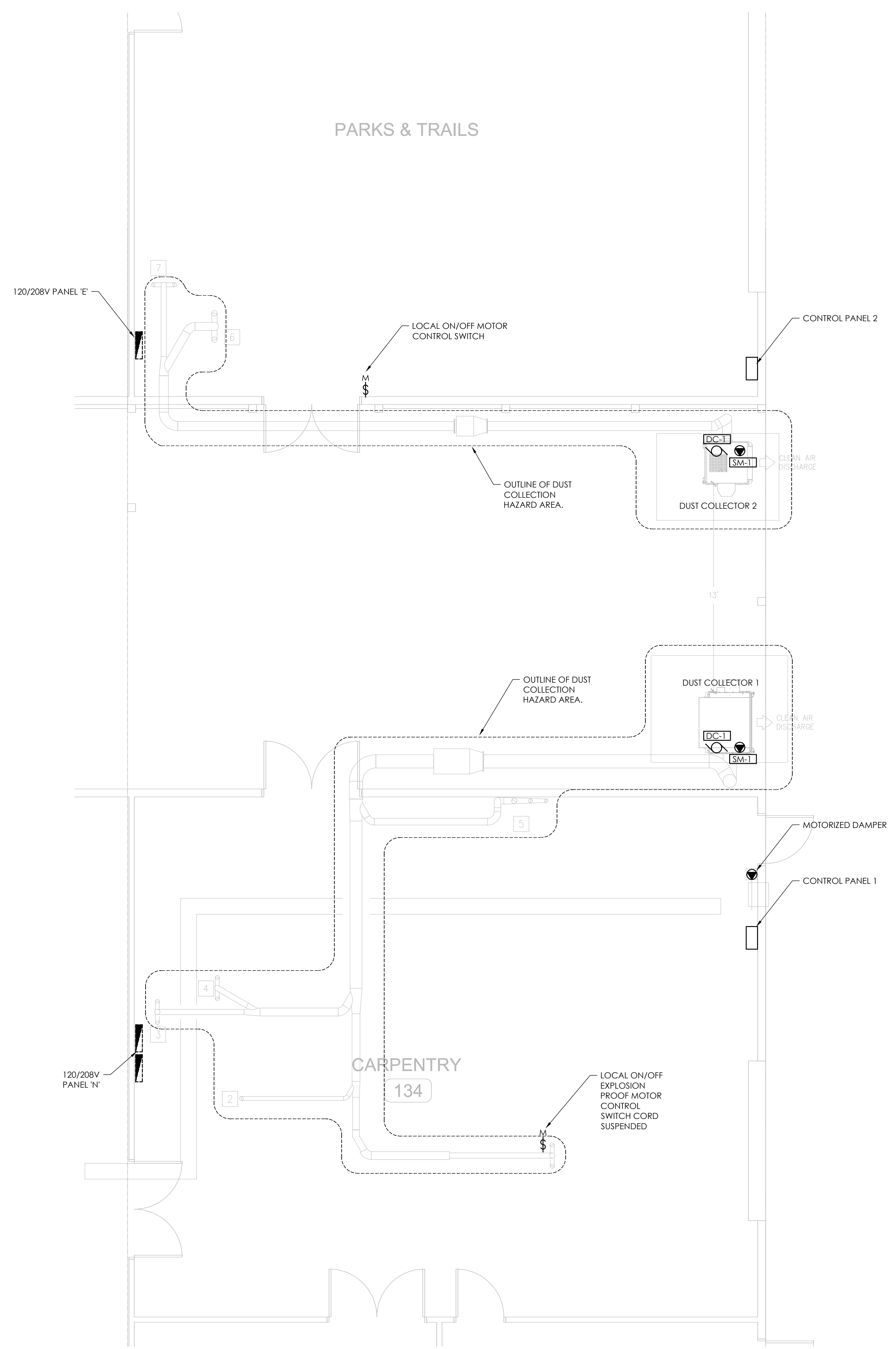
CARPENTRY
134

ELECTRICAL NOTES:

1. PROVIDE NEW BREAKERS AND FEEDERS FROM PANEL 'N' TO DUST COLLECTOR 1.
2. PROVIDE NEW BREAKERS AND FEEDERS FROM PANEL 'E' & 'N' TO DUST COLLECTOR 2.
3. PROVIDE NEW LOCAL MOTOR DISCONNECT SWITCH FOR EACH DUST COLLECTOR AS SHOWN ON PLANS. CONNECT TO REMOTE START TERMINALS IN CONTROL PANEL.
4. PROVIDE 120V CONNECTION TO MOTORIZED DAMPER.
5. PROVIDE WIRING 208V WIRING TO CONTROL PANELS 1&2.
6. ALL ELECTRICAL WORK, WIRING, DEVICES, EQUIPMENT WITHIN 2M OF THE DUST HAZARD AREA SHALL BE IN THREADED RIGID METAL CONDUIT OR HAZARDOUS LOCATION CABLES RATED FOR USE IN ZONE 21 LOCATIONS.
7. ALL BOXES, FITTINGS, AND JOINTS SHALL BE THREADED FOR CONNECTION TO CONDUIT OR CABLE GLANDS, AND BOXES AND FITTINGS SHALL BE SUITABLE FOR USE IN ZONE 21 LOCATIONS. CABLES SHALL BE INSTALLED AND SUPPORTED SO AS TO AVOID TENSILE STRESS AT THE CABLE GLANDS.
8. PROVIDE FLEXIBLE CONNECTION TO EACH DUST COLLECTOR. CONNECTIONS SHALL BE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND CONNECTORS, MARKED FOR HEAVY DUTY; OR EXTRA-HARD-USAGE FLEXIBLE CORD AND HAZARDOUS LOCATION CABLE GLANDS.
9. PROVIDE #6AWG CU BONDING TO ALL EXPOSED NON-CURRENT-CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT, INCLUDING THE FRAMES OR METAL EXTERIORS OF MOTORS, OR OTHER UTILIZATION EQUIPMENT, CABINETS, CASES, AND CONDUIT.
10. PROVIDE 2HR RATED FIRE STOPPING OF ANY PENETRATIONS IN WALLS OR FLOORS.

MECHANICAL MOTOR LIST																	
UNIT LABEL	UNIT DESCRIPTION	LOAD	VOLT	PH	DISCONNECT			STARTER			CONTROL			TYPE	BREAKER	FEEDER	NOTES
					S	I	C	S	I	C	T	S	I				
DC-1	DUST COLLECTOR	10HP	208	3	E	E	E	M	M	E	MS	M	M	M	3P-50A	1"C.-3No.8	1
DC-2	DUST COLLECTOR	7.5HP	208	3	E	E	E	M	M	E	MS	M	M	M	3P-40A	1"C.-3No.8	1
SM-1	SHAKER MOTOR	1/3HP	208	3	E	E	E	M	M	E	IN	M	M	M	3P-15A	1/2"C.-3No.12	1
SM-2	CONDENSING UNIT	1/3HP	208	3	E	E	E	M	M	E	IN	M	M	M	3P-15A	1/2"C.-3No.12	1
DEFINITIONS:																	
					PH = POWER PHASE								NOTES:				
					RSTAT = REVERSE ACTING THERMOSTAT				1. PROVIDE 3/4" CONTROLS CONDUIT TO CONTROL PANEL								
					M = ITEM PROVIDED BY MECHANICAL DIVISION				TSTAT = THERMOSTAT								
					S = SUPPLIED BY				VOLT = REQUIRED SUPPLY VOLTAGE								
					I = INSTALLED BY				FLA = UNIT FULL LOAD AMPS								
					C = CONNECTED BY				HP = UNIT OR MOTOR HORSE POWER								
					IN = CONTROL IS INTEGRAL TO UNIT (BY MANUFACTURER)				MCA = MINIMUM CIRCUIT AMPACITY								
					HOA = MAGNETIC STARTER C/W HAND/OFF/AUT				CO = CO SENSOR								
					MRR = MOTOR RATED RELAY				DSTAT = DUCT TEMPERATURE SENSOR								
					TIMER = WALL MOUNTED 7 DAY PROGRAMMABLE				AQUA = PUMP CONTROLLED BY AQUASTAT								
					MS = MOTOR SWITCH				VFD = VARIABLE FREQUENCY DRIVE								
					DD = DDC OR BMS CONTROLS				MS = MOTOR SWITCH								

NEW ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



DIV.26-ELECTRICAL

A. GENERAL CONDITIONS

1. REFER TO DIVISION 1 SPECIFICATIONS FOR PROJECT INSTRUCTIONS AND ADDITIONAL REQUIREMENTS.
2. ELECTRICAL CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE THEMSELVES WITH ALL SITE CONDITIONS PRIOR TO SUBMITTING THEIR TENDER PRICE. PRICE SHALL INCLUDE COMPLETE AND WORKING ELECTRICAL INSTALLATION ACCORDING TO ALL CODES, LOCAL BYLAWS AND UBC CONSTRUCTION GUIDELINES.
3. PROVIDE COORDINATED SHOP DRAWINGS WHICH INCLUDE PHYSICAL CHARACTERISTICS OF ALL SYSTEMS, DEVICE LAYOUT PLANS, AND CONTROL WIRING DIAGRAMS.
 - a. SUBMIT ELECTRONIC FILES (PDF FORMAT) ON CD/DVD OF MANUFACTURER'S OPERATION AND MAINTENANCE INSTRUCTION MANUALS AND PARTS LISTS FOR EQUIPMENT OR ITEMS REQUIRING SERVICING. SUBMIT DATA WHEN WORK IS SUBSTANTIALLY COMPLETE AND IN SAME ORDER FORMAT AS SUBMITTALS. INCLUDE NAME AND LOCATION OF SOURCE PARTS AND SERVICE FOR EACH PIECE OF EQUIPMENT.
 - 1) INCLUDE COPY OF APPROVED SUBMITTAL DATA ALONG WITH SUBMITTAL REVIEW LETTERS RECEIVED FROM ENGINEER. DATA TO CLEARLY INDICATE INSTALLED EQUIPMENT MODEL NUMBERS. DELETE OR CROSS OUT DATA PERTAINING TO OTHER EQUIPMENT NOT SPECIFIC TO THIS PROJECT.
 - 2) INCLUDE COPY OF MANUFACTURER'S STANDARD OPERATIONS AND MAINTENANCE FOR EQUIPMENT. AT FRONT OF EACH TAB, PROVIDE ROUTINE MAINTENANCE DOCUMENTATION FOR SCHEDULED EQUIPMENT. INCLUDE MANUFACTURER'S RECOMMENDED MAINTENANCE SCHEDULE AND HIGHLIGHT MAINTENANCE REQUIRED TO MAINTAIN WARRANTY. FURNISH LIST OF ROUTINE MAINTENANCE PARTS, INCLUDING PART NUMBERS, SIZES, QUANTITIES, RELEVANT TO EACH PIECE OF EQUIPMENT.
 - 3) INCLUDE WARRANTY PER DIVISION 00, PROCUREMENT AND CONTRACTING REQUIREMENTS AND DIVISION 01, GENERAL REQUIREMENTS, SECTION 26 00 00, ELECTRICAL BASIC REQUIREMENTS AND INDIVIDUAL DIVISION 26, ELECTRICAL SECTIONS.
 - 4) INCLUDE PRODUCT CERTIFICATES OF WARRANTIES AND GUARANTEES.
 - 5) INCLUDE COPY OF COMPLETE PARTS LIST FOR EQUIPMENT. INCLUDE AVAILABLE EXPLODED VIEWS OF ASSEMBLIES AND SUB ASSEMBLIES.
 - 6) INCLUDE COMMISSIONING REPORTS AND ELECTRICAL PANEL SCHEDULES.
 - 7) INCLUDE COPY OF STARTUP AND TEST REPORTS SPECIFIC TO EACH PIECE OF EQUIPMENT.
 - 8) ENGINEER WILL RETURN INCOMPLETE DOCUMENTATION WITHOUT REVIEW. ENGINEER WILL PROVIDE ONE SET OF REVIEW COMMENTS IN SUBMITTAL REVIEW FORMAT. CONTRACTOR MUST ARRANGE FOR ADDITIONAL REVIEWS; CONTRACTOR TO BEAR COSTS FOR ADDITIONAL REVIEWS AT ENGINEER'S HOURLY RATES.
 - 9) COPIES OF CERTIFICATES OF CODE AUTHORITY INSPECTIONS, ACCEPTANCE, CODE REQUIRED ACCEPTANCE TESTS, AND OTHER SPECIAL GUARANTEES, CERTIFICATES OF WARRANTIES, SPECIFIED ELSEWHERE OR INDICATED ON DRAWINGS.
 - b. THOROUGHLY INSTRUCT OWNER IN PROPER OPERATION OF EQUIPMENT AND SYSTEMS.
2. RECORD DRAWINGS:
 - a. MAINTAIN AT SITE AT LEAST ONE SET OF DRAWINGS FOR RECORDING "AS-CONSTRUCTED" CONDITIONS. INDICATE ON DRAWINGS CHANGES TO ORIGINAL DOCUMENTS BY REFERENCING REVISION DOCUMENT, AND INCLUDE BURIED ELEMENTS, LOCATION OF CONDUIT, AND LOCATION OF CONCEALED ELECTRICAL ITEMS. INCLUDE ITEMS CHANGED BY FIELD ORDERS, SUPPLEMENTAL INSTRUCTIONS, AND CONSTRUCTED CONDITIONS.
 - b. RECORD DRAWINGS ARE TO INCLUDE EQUIPMENT AND FIXTURE/CONNECTION SCHEDULES THAT ACCURATELY REFLECT "AS CONSTRUCTED OR INSTALLED" FOR PROJECT.
 - c. AT COMPLETION OF PROJECT, INPUT CHANGES TO ORIGINAL PROJECT ON REVIT MODEL AND MAKE ONE SET OF BLACK-LINE DRAWINGS CREATED FROM REVIT MODEL IN VERSION/RELEASE EQUAL TO CONTRACT DRAWINGS. SUBMIT REVIT DISK AND DRAWINGS UPON SUBSTANTIAL COMPLETION.
 - d. AT COMPLETION OF PROJECT, SHOW CHANGES AND DEVIATIONS FROM THE DRAWINGS IN RED ON ONE SET OF BLACK-LINE DRAWINGS. INCLUDE WRITTEN ADDENDUMS, RFIS, AND CHANGE ORDER ITEMS. MAKE CHANGES TO DRAWINGS IN A NEAT, CLEAN, AND LEGIBLE MANNER.

B. EQUIPMENT INSTALLATION, WIRING AND SUPPORT

1. USE ONLY THE SPECIFIC EQUIPMENT NAMED IN THE TENDER DOCUMENTS FOR THIS CONTRACT, OR AN APPROVED SUBSTITUTE. THE DESIGN IS BASED ON THE FIRST NAMED EQUIPMENT AND ANY ADDITIONAL COSTS REQUIRED FOR THE USE OF ALTERNATIVES SHALL BE INCLUDED IN THE TENDER.
2. SUBSTITUTIONS MADE TO THE CONTRARY WILL BE REJECTED UNLESS APPROVED BY THE CONSULTANT PRIOR TO THE PURCHASE OF SUCH EQUIPMENT. SUBSTITUTIONS FOR NAMED MATERIAL MAY BE USED ONLY IF APPROVED BY THE CONSULTANT IN WRITING.
3. ALL EQUIPMENT TO BE ADEQUATELY SUPPORTED FROM BUILDING STRUCTURAL MEMBERS. WHERE POSSIBLE USE CAST IN CONCRETE INSERTS; OTHERWISE DRILLED METAL INSERTS. WHERE WOOD SCREWS ARE USED, THEY MUST PENETRATE AT LEAST 25MM (1"), EXCEPT IN COUNTERS. OBTAIN THE SERVICES OF A SEISMIC CONSULTANT TO ENSURE ALL SUPPORT METHODS COMPLY WITH LOCAL CODE REQUIREMENTS. SUBMIT SEISMIC LETTERS OF ASSURANCE FOR ELECTRICAL INSTALLATION.
4. IDENTIFY ALL ELECTRICAL DEVICES, PANELBOARDS, STARTERS, CONTROLLERS, FEEDERS, SWITCHES, ETC. PROVIDE TYPEWRITTEN, REMOVABLE PANELBOARD CIRCUIT DIRECTORIES. USE "LAMICOID" LABELS TO IDENTIFY EQUIPMENT. USE BLACK-ON-CLEAR "BROTHER" STYLE LABEL SHOWING CIRCUIT NUMBER ON COVERPLATE OF ALL RECEPTACLES.
5. PROVIDE OR ARRANGE FOR ALL CUTTING, PATCHING, FLASHING, SLEEVING, ETC. ALL DRILLING AND CORING IN EXISTING WALLS/SLABS SHALL BE RESTORED TO ORIGINAL FIRE RATING WITH APPROVED FIRESTOPPING COMPOUND.
6. ALL DAMAGED SURFACES SHALL BE RE-FINISHED TO ORIGINAL CONDITIONS.
7. COORDINATE THE DISCONNECTION AND REMOVAL OF THE EXISTING DISTRIBUTION EQUIPMENT INCLUDING EXTENSION OF FEEDERS AND BRANCH CIRCUITING TO SUIT THE NEW EQUIPMENT ARRANGEMENT.
8. ALL SHUTDOWNS TO BE COORDINATED WITH BUILDING MANAGER. CONFIRM, IF AFTER HOUR OR WEEKEND SHUT-DOWNS ARE REQUIRED.
9. THE CONTRACTOR SHALL IDENTIFY EXISTING BRANCH CIRCUITING AND EXTEND TO THE PROPER PANEL FOR TERMINATION.
10. ALL WIRING TO BE CONCEALED. FEEDERS SHALL BE WIRED IN CONDUIT. BRANCH WIRING SHALL BE WIRED IN CONDUIT. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH WALL/CEILING.
11. CONDUIT BETWEEN MOTOR DISCONNECT SWITCH AND MOTOR TERMINALS SHALL BE FLEXIBLE, LIQUID-TIGHT TYPE.
12. ALL CONDUCTORS TO BE RW90 XLPE STRANDED COPPER, NO SMALLER THAN NO. 12 AWG.

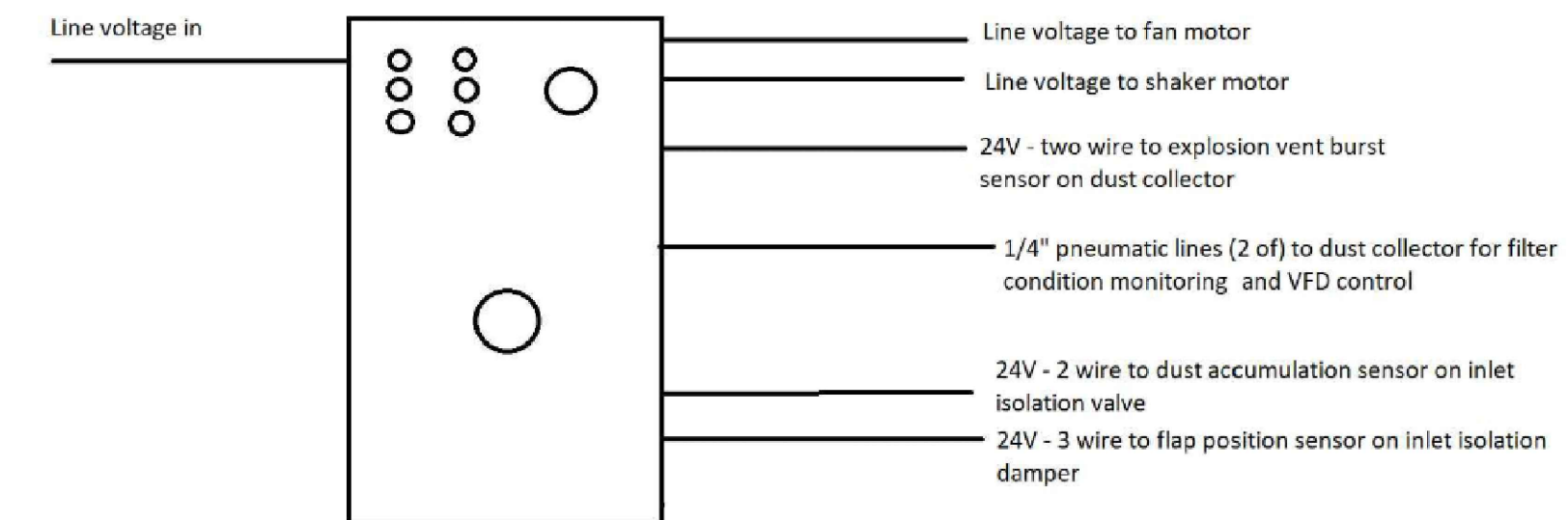
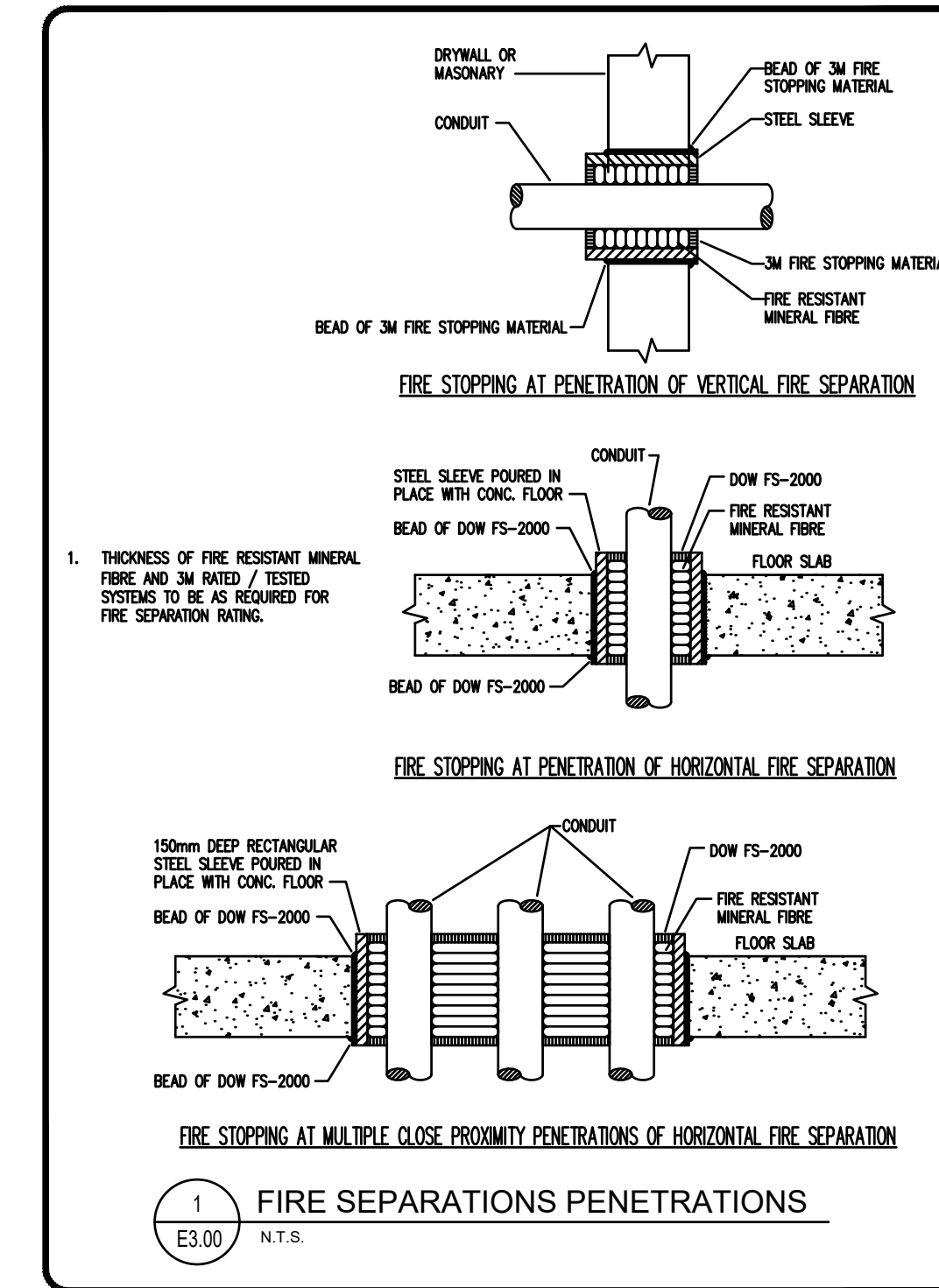
13. COLOUR CODING TO C.S.A STANDARDS.
14. ALL RECEPTACLES AND SWITCH FACEPLATES TO BE POLISHED STAINLESS STEEL TYPE.
15. ARMoured CABLE MAY ONLY BE USED FOR THE FOLLOWING: 1 DROPS TO INDIVIDUAL LUMINAIRES AND FINAL CONNECTION TO MOTORS, TRANSFORMERS OR VIBRATING EQUIPMENT TO A MAXIMUM LENGTH OF 3M. CABLE SHALL BE RUN NEATLY, NOT SECURED TO HEAT EMITTING MECHANICAL SYSTEMS AND SECURED USING MECHANICAL FASTENERS NOT CABLE TIES.

C. GROUNDING

1. GROUND METALLIC RACEWAY SYSTEMS. BOND TO GROUND TERMINAL WITH CODE SIZE JUMPER EXCEPT WHERE CODE SIZE OR LARGER EQUIPMENT GROUNDING CONDUCTOR IS INCLUDED WITH CIRCUIT. USE GROUNDING BUSHING WITH LAY-IN LUG.
2. CONNECT METAL RACEWAYS, WHICH TERMINATE WITHIN AN ENCLOSURE BUT WITHOUT MECHANICAL CONNECTION TO ENCLOSURE, BY GROUNDING BUSHINGS AND GROUND CONDUCTOR TO GROUNDING BUS.
3. WHERE EQUIPMENT SUPPLY CONDUCTORS ARE IN FLEXIBLE METALLIC CONDUIT, INSTALL STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR FROM OUTLET BOX TO EQUIPMENT FRAME.
4. INSTALL EQUIPMENT GROUNDING CONDUCTOR, CODE SIZE MINIMUM UNLESS NOTED ON DRAWINGS, IN METALLIC AND NONMETALLIC RACEWAY SYSTEMS.
5. PROVIDE CONTINUOUS GREEN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS.
6. WHERE INSTALLED IN A CONTINUOUS SOLID METALLIC RACEWAY SYSTEM AND LARGER SIZES ARE NOT DETAILED, PROVIDE INSULATED EQUIPMENT GROUNDING CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS SIZED IN ACCORDANCE WITH THE LATEST EDITION OF C.E.C.
7. BOND BOXES, CABINETS, ENCLOSURES AND PANELBOARD EQUIPMENT GROUNDING CONDUCTORS TO ENCLOSURE WITH SPECIFIED CONDUCTORS AND LUGS. INSTALL LUGS ONLY ON THOROUGHLY CLEANED CONTACT SURFACES.
8. MOTORS, EQUIPMENT AND APPLIANCES: INSTALL CODE SIZE EQUIPMENT GROUNDING CONDUCTOR TO (MOTOR) EQUIPMENT FRAME OR MANUFACTURER'S DESIGNATED GROUND TERMINAL.
9. RECEPTACLES: CONNECT GROUND TERMINAL OF RECEPTACLE AND ASSOCIATED OUTLET BOX TO EQUIPMENT GROUNDING
10. CONDUCTOR. SELF GROUNDING NATURE OF RECEPTACLE DEVICES DOES NOT ELIMINATE EQUIPMENT GROUNDING CONDUCTOR BOLTED TO OUTLET BOX.

D. LIGHTING

1. MANUFACTURERS: THE FOLLOWING PRODUCT LINES ARE APPROVED FOR USE BY UBC. ALTERNATIVE PRODUCT LINES ARE NOT APPROVED (INCLUDING ALTERNATIVE LINES FROM A MANUFACTURER LISTED BELOW) AND MUST BE REVIEWED BY UBC FACILITIES ELECTRICAL:
 - .1 LEGRAND WATTSTOPPER
 - .2 COPPER GREENGATE
 - .3 HUBBELL CURRENT
2. OCCUPANCY SENSORS, SWITCHING AND DIMMING:
 - .1 OCCUPANCY SENSORS SHALL MEET THE FOLLOWING REQUIREMENTS: .1 DUAL TECHNOLOGY TYPE WITH BOTH PASSIVE INFRARED (PIR) AND ACOUSTIC/ULTRA-SONIC SENSORS.
 - .2 LINE VOLTAGE OR LOW VOLTAGE TYPES.
 - .3 LOW VOLTAGE OCCUPANCY SENSORS SHALL HAVE 1 OR 2 POLES, LOCAL POWER PACKS AND FORM C DRY CONTACT ISOLATED RELAYS FOR BMS CONNECTION. SLAVE POWER PACKS ARE NOT ACCEPTABLE.
 - .4 OCCUPANCY SENSOR TIME DELAY SETTINGS SHALL BE ADJUSTED TO 20 MINUTES FOR OFFICES, CLASSROOMS, THEATRES AND WASHROOMS.
 - .5 OCCUPANCY SENSORS SHALL BE POSITIONED, MASKED AND CALIBRATED TO PREVENT TRIGGERING BY MOTION IN ADJACENT AREAS.
 - .6 IN CLASSROOMS AND LECTURE THEATRES, OCCUPANCY SENSORS SHALL COVER 100% OF THE SEATING AREA AND INSTRUCTOR AREA. THE OCCUPANCY SENSOR SHALL BE ABLE TO DETECT THE LOWER ACTIVITY LEVELS OF SEATED OCCUPANTS.



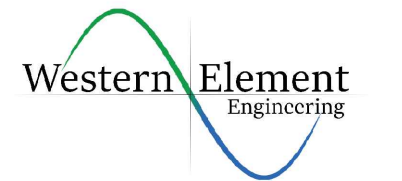
Face of panel has a disconnect switch, start button, stop button, and green 'running' light, filter condition gauge, alarm indication lights for the burst sensor, the two isolation damper sensors (single light)

Internally there are additional terminals for remote start/stop, e-stops, fan running indication.

8 DUST COLLECTOR SYSTEM WIRING DIAGRAM
M1.0 SCALE: N.T.S.

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