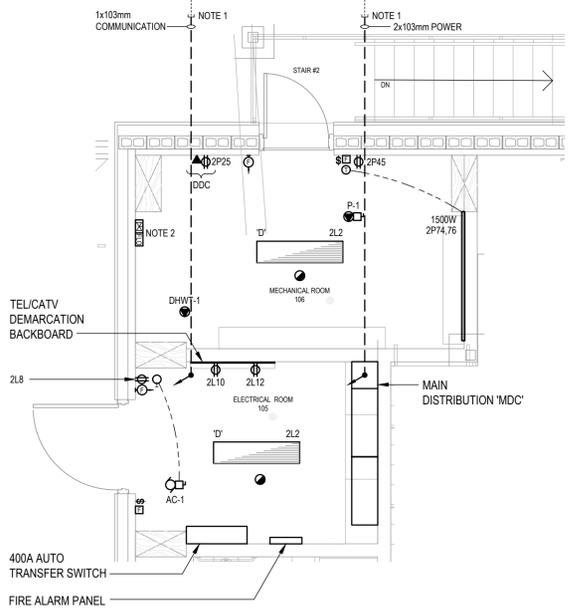
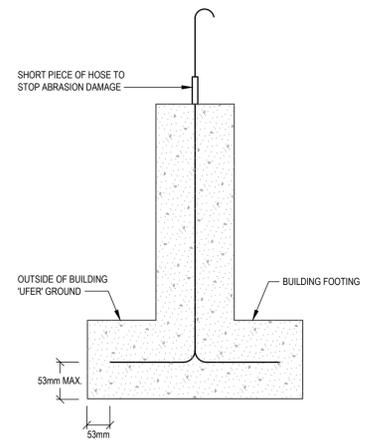


ELECTRICAL SYMBOL LEGEND		
ABBREVIATIONS	POWER	
NOTE: EQUIPMENT SHOWN DOTTED IS EXISTING AND TO REMAIN UNLESS INDICATED OTHERWISE	⊕ SINGLE RECEPTACLE	
WP WEATHER PROOF	⊕ DUPLEX RECEPTACLE	
<b>LIGHTING</b>		
EMERGENCY LIGHT LUMINAIRE	⊕ GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE	
SURFACE MOUNTED LUMINAIRE	⊕ ABOVE COUNTER GFCI DUPLEX RECEPTACLE	
CEILING SUSPENDED LINEAR LUMINAIRE	⊕ FLOOR MOUNTED DUPLEX RECEPTACLE	
LINEAR STRIP LIGHT	⊕ PUSH BUTTON FOR OVERHEAD DOOR	
WALL MOUNTED DOWN LIGHT	⊕ PANEL BOARD	
⊕ SINGLE POLE TOGGLE SWITCH, GANGED AS SHOWN	⊕ GENERATOR CONNECTION	
⊕ THREE WAY TOGGLE SWITCH	⊕ THERMOSTAT	
⊕ EXIT SIGN - ARROWS AS INDICATED	⊕ BASEBOARD HEATER, WATTAGE AS NOTED ON PLANS	
⊕ PHOTOCELL	⊕ CEILING FAN	
<b>FIRE ALARM</b>		
⊕ FIRE ALARM PULLSTATION	⊕ MECHANICAL EQUIPMENT DIRECT CONNECTION	
⊕ FIRE ALARM STROBE/SPEAKER	⊕ EQUIPMENT CONNECTION	
⊕ FIRE ALARM SPEAKER	⊕ MECHANICAL MOTOR CONNECTION	
⊕ FIRE ALARM SMOKE DETECTOR	⊕ DISCONNECT SWITCH	
⊕ FIRE ALARM HEAT DETECTOR	⊕ GROUND BUS	
⊕ FIRE ALARM PANEL	⊕ CONDUIT RUN UP	
⊕ FIRE ALARM ANNUNCIATOR	<b>COMMUNICATIONS</b>	
⊕ SPRINKLER FLOW SWITCH	⊕ COMBINATION TELEPHONE AND DATA OUTLET, WALL MOUNTED	
⊕ SPRINKLER VALVE SUPERVISORY	⊕ TELEPHONE OUTLET	
⊕ END OF LINE RESISTOR	NOTE REFER TO SPECIFICATIONS FOR COMMUNICATIONS SCOPE OF WORK	



**1 LOWER FLOOR POWER AND SYSTEMS**  
WE1.0 1:100

**2 ELECTRICAL ROOM LAYOUT**  
WE1.0 1:50

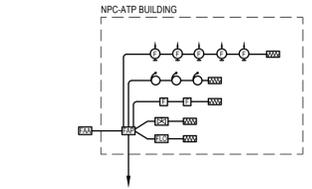


**NOTES:**  
1. PROVIDE AND INSTALL A MINIMUM OF 6.0m OF 30 BARE COPPER UFER GROUND IN THE BUILDING FOOTINGS. COMPRESSOR THE CONDUCTORS TO RE-BAR IN THE FOOTINGS OF EVERY 1.5m. EXTEND UFER GROUND DIGITALS TO MAIN GND BUS. THE RE-BAR IN 2 WIDELY SEPARATED COLUMNS TO BE INCLUDED IN UFER GROUND.

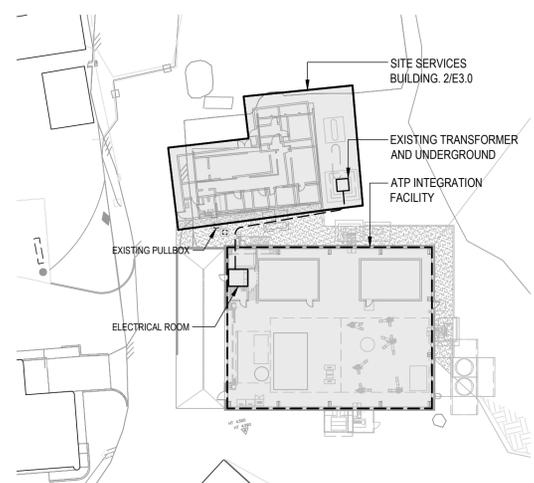
**3 UFER GROUND DETAIL**  
WE1.0 NOT TO SCALE

- NOTES:**
- 4x103mm CONDUIT STUBBED UP UNDER ASSEMBLY FRAME AND TO EXTERIOR WALL PROVIDE 8x 120V, 15A RECEPTACLES MOUNTED TO ASSEMBLY FRAME.
  - TRANSFORMER FIX PANEL '4GU' LOCATED IN UPPER ELECTRICAL ROOM 3WE2.0
  - NOT USED.
  - PROVIDE 120V POWER FOR HANDS-FREE FAUCETS.
  - OVERHEAD DOOR IS 208V, 3PH, 5HP. CIRCUIT 2P50.52.54.
  - NOT USED.
  - COLD ROOM CONDENSING UNIT CRCU- OWNER SUPPLIED EQUIPMENT. COORDINATE REQUIREMENTS DURING CONSTRUCTION.
  - DRY AIR COMPRESSOR, OWNER SUPPLIED EQUIPMENT. COORDINATE REQUIREMENTS DURING CONSTRUCTION.
  - CLEAN ROOM AIR CIRCULATION, OWNER SUPPLIED EQUIPMENT. COORDINATE REQUIREMENTS DURING CONSTRUCTION.
  - LAS SCALE TEST SYSTEM, OWNER SUPPLIED EQUIPMENT. COORDINATE REQUIREMENTS DURING CONSTRUCTION. PROVIDE DISCONNECT SWITCHES AND CONNECTIONS.
    - COMPRESSOR COLD HEAD - 480V, 3PH, 12.5kW 4x8Cu, 4P2.4.6
    - HELIUM COMPRESSOR - 480V, 3PH, 15kW, 4x8Cu, + GND, 4P8.10.12
    - CONDENSING UNIT - 480V, 3PH, 6kW, 4x8Cu, + GND 4P14.16.18
  - CONNECTIONS BOX FOR PORTABLE GENERATOR, 400A, 3Ø, 4W, 120V/208V, CW START SIGNAL FROM ATIS. SEE 4WE2.0
  - EXTERIOR BUILDING MOUNTED LIGHTING IS TO BE CONTROLLED VIA PHOTOCELL ON BUILDING NORTH EXTERIOR.
  - BUILDING UFER GROUND INSTALLED IN CONCRETE FOOTING IN ACCORDANCE WITH CEC 10-700 AND DETAIL 3WE1.0. COORDINATE WITH STRUCTURAL FOR EXACT PLACEMENT.

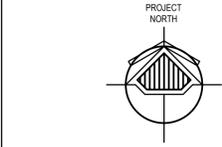
ZONE	AREA	DEVICES
Z1	SPINKLER FLOW	FLOW
Z2	PULL STATIONS	MANUAL
Z3	SMOKE DETECTORS	SMOKES
T1	TAMPER SWITCH	TAMPER



**4 FIRE ALARM SYSTEM RISER**  
WE1.0 NOT TO SCALE



**KEYPLAN**  
1:500



Revision/Revision	Description/Description	Date/Date
4	ISSUED FOR TENDER	2019.03.05
3	ISSUED FOR TENDER	2018.03.27
2	ISSUED FOR 100% CD REVIEW	2018.03.14
1	ISSUED FOR 90% CD REVIEW	2018.02.22

Project title/Titre du projet  
**5071 WEST SAANICH ROAD VICTORIA, BC, CANADA**

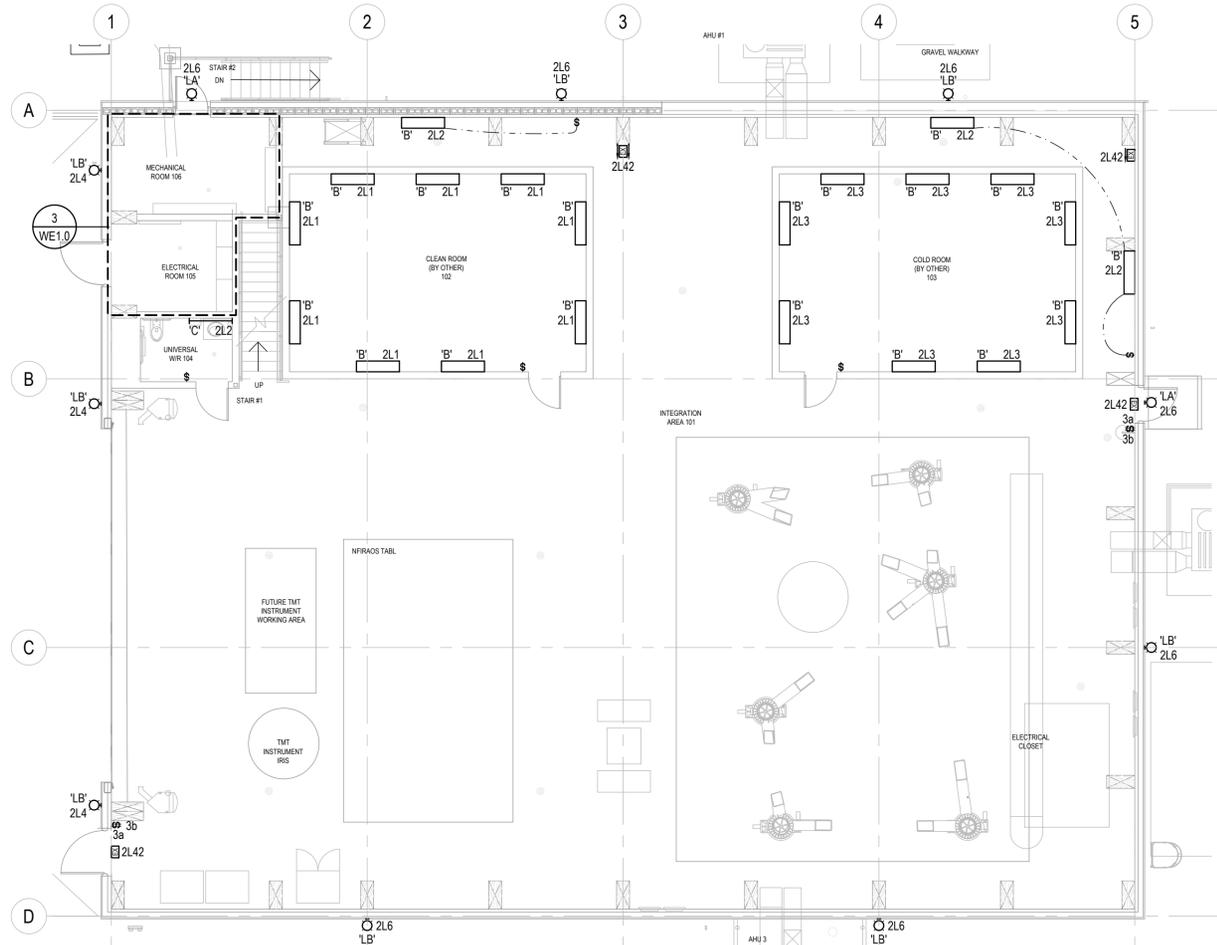
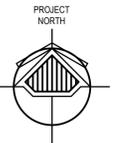
**NRC HERZBERG ASTRONOMY AND ASTROPHYSICS ATP INTEGRATION FACILITY**

Consultant Signature Only  
Designed by/Concept par I.B.  
Drawn by/Dessine par S.S.  
PWSC Project Manager/Administrateur de Projets TPSCG  
**PATRICK TRUONG**  
Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architectural et de génie, TPSCG  
**PREETIPAL PAUL**

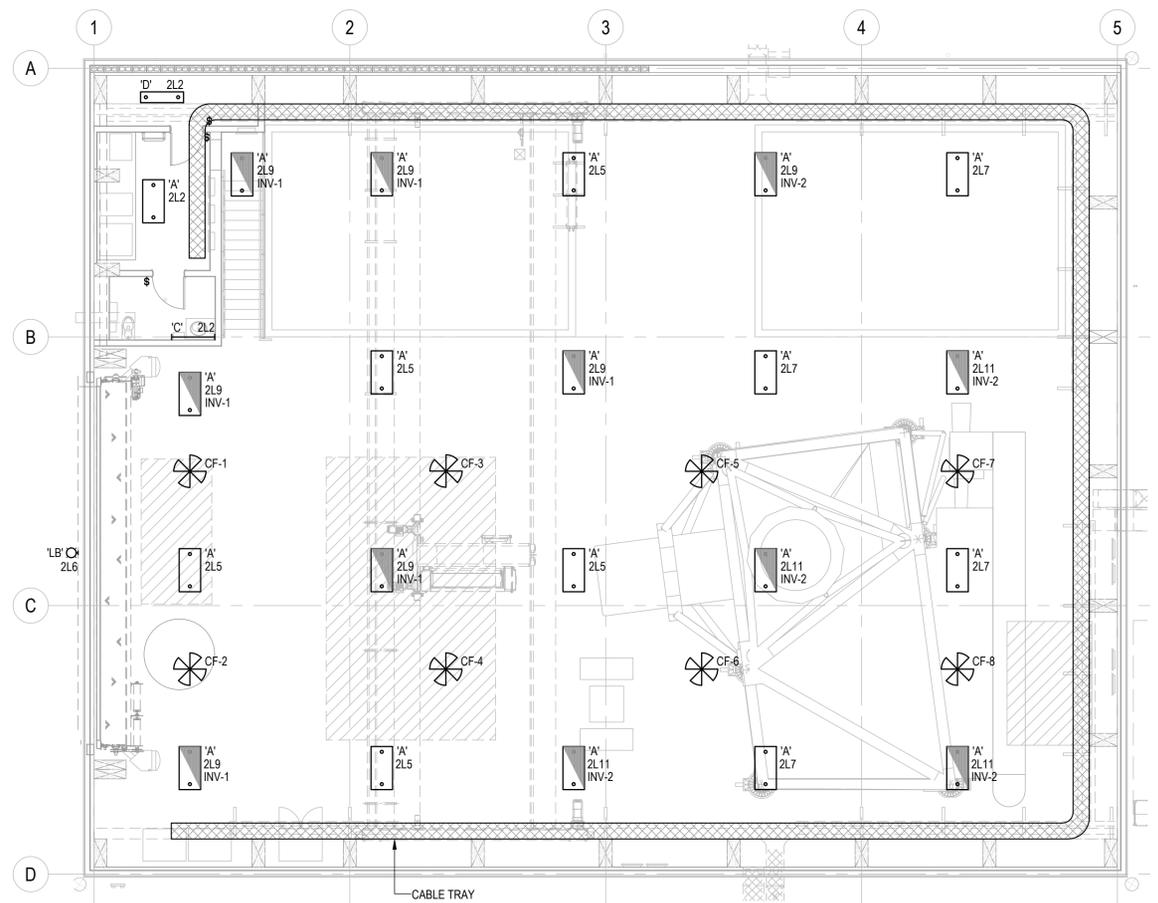
Drawing title/Titre du dessin  
**ELECTRICAL LAYOUT AND LEGEND - WOOD OPTION**

Project No./No. du projet  
**R.077596.001**  
Sheet/Feuille  
**WE1.0**  
Revision no./Lo Révision no.  
**4**  
1 OF 4



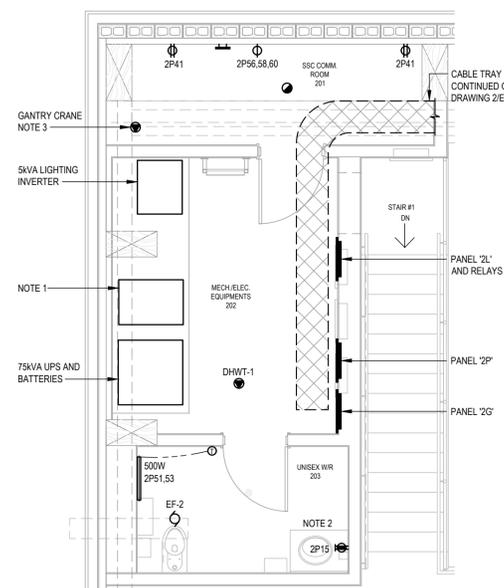


**1 LOWER LIGHTING LAYOUT**  
WE2.0



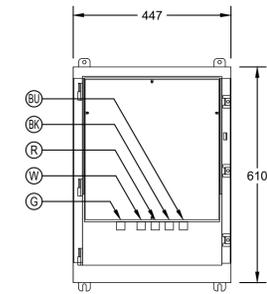
**2 FLOOR PLAN UPPER LIGHTING AND FAN LAYOUT**  
WE2.0

- NOTES:**
- TYPE 'A' LUMINAIRES MOUNTED AT CEILING STRUCTURE CLEAR OF CRANE AND RAILS.
  - LUMINAIRES NOTED AS EMERGENCY TO BE FED VIA INVERTER AND TO SWITCH DURING UTILITY FAILURE.
  - TYPE 'A' LUMINAIRES ARE SWITCHED A/B INTERNALLY FOR 50% OUTPUT.
  - TYPE 'A' LUMINAIRE NOTED AS 'EMERGENCY' TO USE BYPASS RELAYS TO ENERGIZE FULL OUTPUT IN EVENT OF POWER FAILURE. NORMAL AND INVERTER CIRCUITS NOTED.
  - REFER TO ARCHITECTURAL AND STRUCTURAL DETAILS FOR CABLE TRAY MOUNTING AND ELEVATIONS. COORDINATE DUCT AND TRAY MOUNTING ARRANGEMENTS.



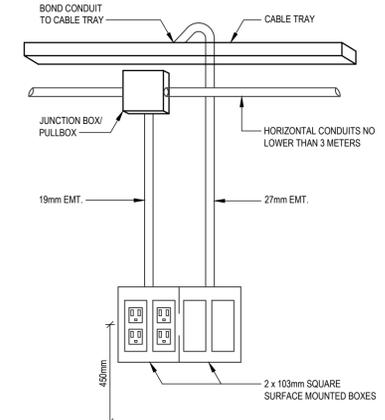
**3 UPPER ELECTRICAL ROOM**  
WE2.0

- NOTES:**
- INSTALL ALL TRANSFORMERS FLOOR, WALL AND CEILING MOUNTED IN THIS AREA. COORDINATE TRANSFORMER LOCATIONS WITH UPS AND INVERTER REQUIREMENTS. PROVIDE STRUCTURAL SEISMIC MOUNTS AND RESTRAINTS AS REQUIRED.
  - PROVIDE 120V POWER FOR HANDS-FREE FAUCETS.
  - GANTRY CRANE POWER CONNECTION TO RAILS AT CEILING LEVEL. PROVIDE FUSED DISCONNECT AND WEATHERHEAD WITH CONNECTIONS TO CRANE RAILS.



**4 GENERATOR CONNECTION BOX DETAIL**  
WE2.0

- NOTES:**
- NEMA 3R ENCLOSURE, STAINLESS STEEL CONSTRUCTION.
  - PROVIDE JUNCTION BOX AND WIRING EXTENDING START/RUN SIGNALING FROM ATMS TO THIS LOCATION FOR CONNECTION TO PORTABLE GENERATOR



- NOTES:**
- THIS DETAIL IS TYPICAL FOR ALL WORK AREA RECEPTACLES AND DATA.

**5 DATA/POWER DETAIL**  
WE2.0 NOT TO SCALE

Revision/	Description/Description	Date/Date
4	ISSUED FOR TENDER	2019.03.05
3	ISSUED FOR TENDER	2018.03.27
2	ISSUED FOR 100% CD REVIEW	2018.03.14
1	ISSUED FOR 90% CD REVIEW	2018.02.22

Project title/Titre du projet  
**5071 WEST SAANICH ROAD  
VICTORIA, BC, CANADA**

**NRC HERZBERG  
ASTRONOMY AND ASTROPHYSICS  
ATP INTEGRATION FACILITY**

Consultant Signature Only

Designed by/Concept par  
**I.B.**

Drawn by/Dessine par  
**S.S.**

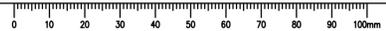
PWGSC Project Manager/Administrateur de Projets TPSPC  
**PATRICK TRUONG**

Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architectural et de génie, TPSPC  
**PREETIPAL PAUL**

Drawing title/Titre du dessin  
**ELECTRICAL LAYOUTS -  
WOOD OPTION**

Project No./No. du projet <b>R.077596.001</b>	Sheet/Feuille <b>WE2.0</b> 2 OF 4	Revision no./ Lo Révision no. <b>4</b>
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**NRC-ATP LOAD CALCULATION**

**Basic Load - CEC Table 14**

Industrial and Commercial	669 m <sup>2</sup>	x	25 W/m <sup>2</sup>	=	16725 W
					<b>TOTAL BASIC LOAD 16725 W</b>

**Electric Heating**

Total Electric Heating	3000 W				
First	10000 W	@	100%	=	3000 W
Remaining	0	@	75%	=	0 W
					<b>TOTAL ELECTRIC HEATING 3000 W</b>

**Equipment**

ACH-1 (4)					3500 W
ACH-2 (4)					3500 W
AC-1					208 W
CU-1					2700 W
AHU-1					11000 W
AHU-2					11000 W
AHU-3					11000 W
EF-1					17 W
EF-2					17 W
CEILING FANS (X8)	8 UNITS	@	750 W	=	6000 W
FLUID COOLER (FUTURE)					30000 W
SCIENCE LOADS					100000 W
					<b>TOTAL EQUIPMENT LOAD 178942 W</b>

**TOTAL BUILDING LOAD 198667 W**

198667 W	@	208 V	3 PH	=	551 A
					551 A x 125% = 689 A

**SERVICE SIZE 800 A**

- NOTES:**
- EXISTING FIRE ALARM PANEL IS SIMPLEX. CONNECT NEW FLOW AND TAMPER DEVICES TO EXISTING PANEL. PROVIDE VERIFICATION OF NEW ZONES.
  - ALL WIRING TO BE SURFACE MOUNTED EMT CONDUIT ROUTING AS SHOWN.
  - INTERCONNECT EXISTING FIRE ALARM PANEL WITH NEW PANEL SHOWN IN DETAIL 4WE1.0. PROVIDE NEW ZONE ON EXISTING PANEL FOR NEW BUILDING.

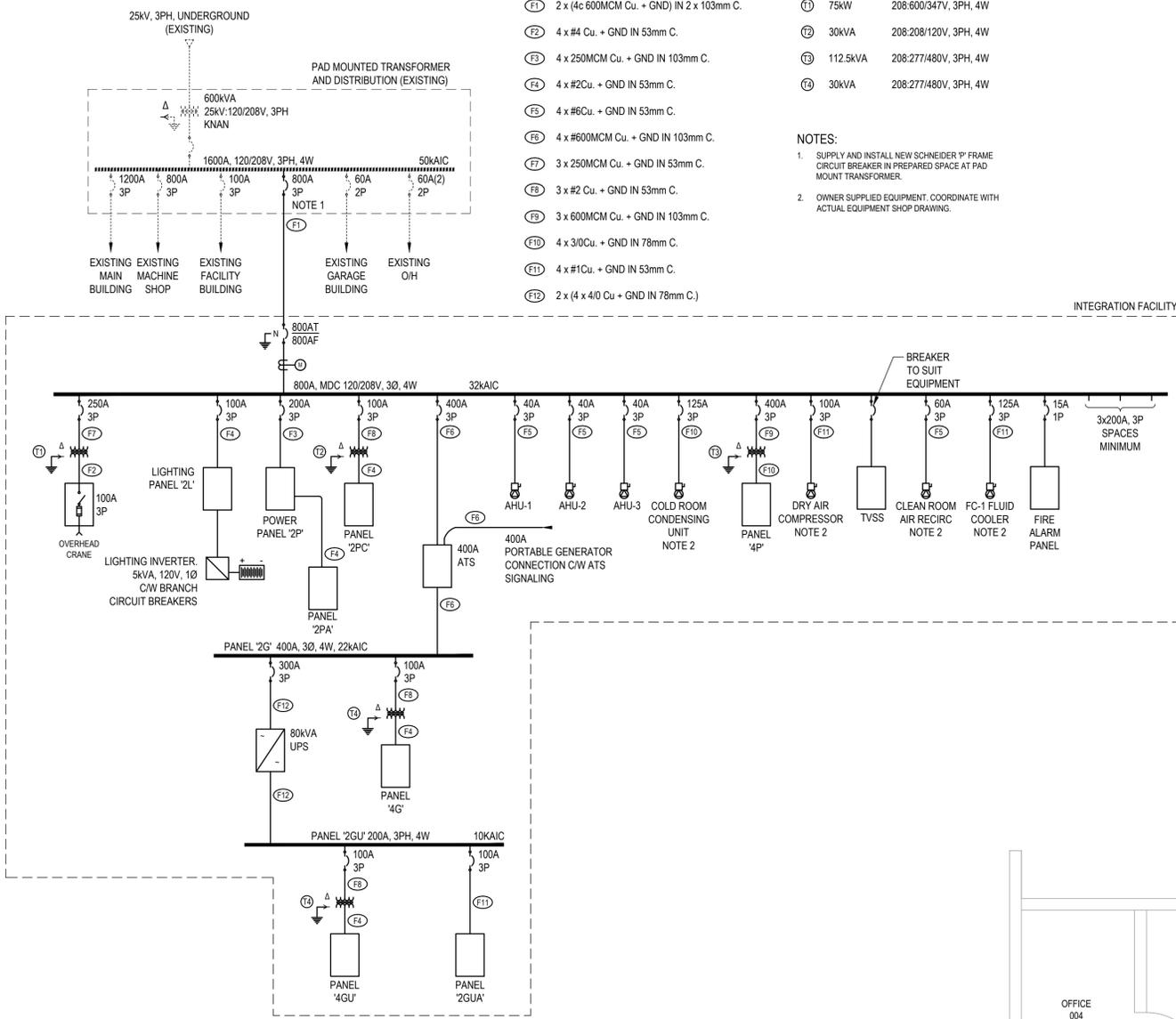
**FEEDER SCHEDULE**

- (F1) 2 x (4c 600MCM Cu. + GND) IN 2 x 103mm C.
- (F2) 4 x #4 Cu. + GND IN 53mm C.
- (F3) 4 x 250MCM Cu. + GND IN 103mm C.
- (F4) 4 x #2Cu. + GND IN 53mm C.
- (F5) 4 x #6Cu. + GND IN 53mm C.
- (F6) 4 x #600MCM Cu. + GND IN 103mm C.
- (F7) 3 x 250MCM Cu. + GND IN 53mm C.
- (F8) 3 x #2 Cu. + GND IN 53mm C.
- (F9) 3 x 600MCM Cu. + GND IN 103mm C.
- (F10) 4 x 3/0Cu. + GND IN 78mm C.
- (F11) 4 x #1Cu. + GND IN 53mm C.
- (F12) 2 x (4 x 4/0 Cu + GND IN 78mm C.)

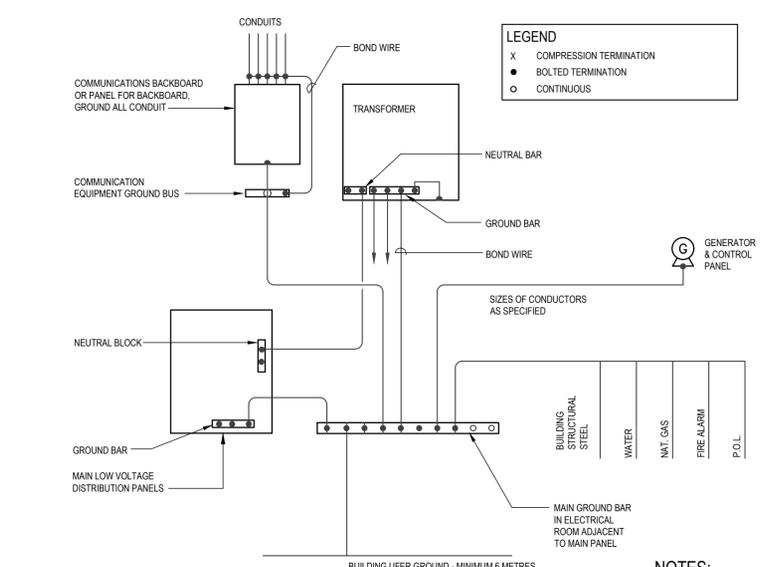
**TRANSFORMER SCHEDULE**

- (T1) 75kW 208.600/347V, 3PH, 4W
- (T2) 30kVA 208.208/120V, 3PH, 4W
- (T3) 112.5kVA 208.277/480V, 3PH, 4W
- (T4) 30kVA 208.277/480V, 3PH, 4W

- NOTES:**
- SUPPLY AND INSTALL NEW SCHNEIDER 'P' FRAME CIRCUIT BREAKER IN PREPARED SPACE AT PAD MOUNT TRANSFORMER.
  - OWNER SUPPLIED EQUIPMENT. COORDINATE WITH ACTUAL EQUIPMENT SHOP DRAWING.

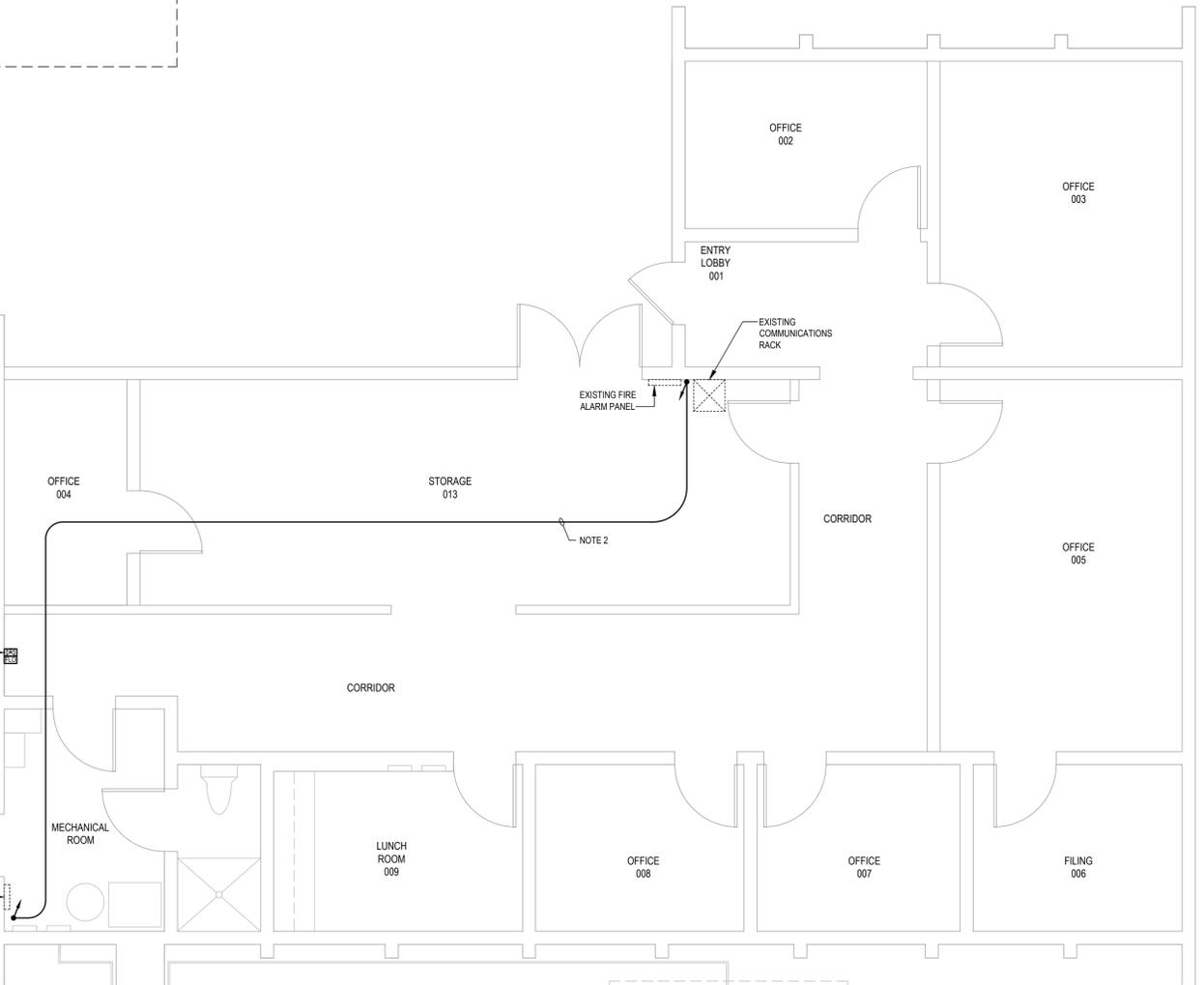


**1** 800A, 120/208V, 3PH, 4W SINGLE LINE DIAGRAM NOT TO SCALE



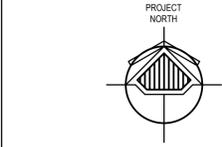
**3** GROUNDING AND BONDING DETAIL NOT TO SCALE

- NOTES:**
- BOND ALL NON-CURRENT CARRYING METALLIC PARTS/STRUCTURE IN ACCORDANCE WITH THE CEC.
  - DIAGRAM IS SCHEMATIC AND DOES NOT INCLUDE ALL CONNECTION DETAILS REQUIRED.



- NOTES:**
- FIRE ALARM NETWORK CABLING FROM ATP TO RUN UNDERGROUND THROUGH EXISTING DUCT AND PULLBOXES, THEN UP POLE AND INTO WEATHERHEAD ON SITE SERVICES BUILDING.
  - RUN NEW 19mm C. C/W NETWORK WIRING ON UNDERSIDE OF EXISTING CEILING TO EXISTING SIMPLEX FIRE ALARM PANEL.

**2** FIRE ALARM SITE SERVICES BUILDING NOT TO SCALE



Revision/Revision	Description/Description	Date/Date
4	ISSUED FOR TENDER	2019.03.05
3	ISSUED FOR TENDER	2018.03.27
2	ISSUED FOR 100% CD REVIEW	2018.03.14
1	ISSUED FOR 90% CD REVIEW	2018.02.22

Project title/Titre du projet  
**5071 WEST SAANICH ROAD VICTORIA, BC, CANADA**

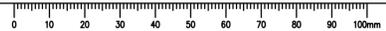
**NRC HERZBERG ASTRONOMY AND ASTROPHYSICS ATP INTEGRATION FACILITY**

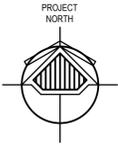
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PWSC Project Manager/Administrateur de Projets TPSCG  
**PATRICK TRUONG**  
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**PREETIPAL PAUL**

Drawing title/Titre du dessin  
**SITE SERVICE BUILDING ELECTRICAL LAYOUT AND SINGLE LINE DIAGRAM**

Project No./No. du projet <b>R.077596.001</b>	Sheet/Feuille <b>WE3.0</b>	Revision no./Lo Révision no. <b>4</b>
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PANELBOARD SCHEDULE									
JOB NO./NAME : 1-15-160NRC HERZBERG									
PANEL : 20									
SYSTEM : 120/208V, 3PH, 4W									
TYPE : LOAD CENTRE									
LOCATION : MEZZANINE									
MOUNTING : SURFACE									
NO. CIRCUITS : 42									
BUS SIZE : 400A									
SYM. FAULT RATING : 22kAIC									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
50.0kVA UPS	200A	3	01	02	3	100	PANEL 4G		
			03	04					
			05	06					
SPARE	15	1	07	08	3	15	SPARE		
SPARE	15	1	09	10					
SPARE	15	1	11	12					
SPARE	15	1	13	14	3	15	SPARE		
SPARE	15	1	15	16					
SPARE	15	1	17	18					
SPARE	15	1	19	20	3	15	SPARE		
SPARE	15	1	21	22					
SPARE	15	1	23	24					
SPARE	15	1	25	26	3	15	SPARE		
SPARE	15	1	27	28					
SPARE	15	1	29	30					
SPARE	15	1	31	32	3	15	SPARE		
SPARE	15	1	33	34					
SPARE	15	1	35	36					
SPARE	15	1	37	38	3	15	SPARE		
SPARE	15	1	39	40					
SPARE	15	1	41	42					

PANELBOARD SCHEDULE									
JOB NO./NAME : 1-15-160NRC HERZBERG									
PANEL : 20U									
SYSTEM : 120/208V, 3PH, 4W									
TYPE : LOAD CENTRE									
LOCATION : WORKING AREA									
MOUNTING : SURFACE									
NO. CIRCUITS : 42									
BUS SIZE : 200A									
SYM. FAULT RATING : 10kAIC									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
PANEL 4GU	100	3	01	02	1	15	RECEPTACLE		
			03	04	1	15	RECEPTACLE		
			05	06	1	15	RECEPTACLE		
PANEL 2GUA	100	3	07	08	1	15	RECEPTACLE		
			09	10	1	15	RECEPTACLE		
			11	12	1	15	RECEPTACLE		
RECEPTACLE	15	1	13	14	3	15	SPARE		
RECEPTACLE	15	1	15	16					
RECEPTACLE	15	1	17	18					
RECEPTACLE	15	1	19	20	3	15	SPARE		
RECEPTACLE	15	1	21	22					
RECEPTACLE	15	1	23	24					
RECEPTACLE	15	1	25	26	3	15	SPARE		
RECEPTACLE	15	1	27	28					
RECEPTACLE	15	1	29	30					
RECEPTACLE	15	1	31	32	3	15	SPARE		
RECEPTACLE	15	1	33	34					
RECEPTACLE	15	1	35	36					
RECEPTACLE	15	1	37	38	3	15	SPARE		
RECEPTACLE	15	1	39	40					
RECEPTACLE	15	1	41	42					

PANELBOARD SCHEDULE									
JOB NO./NAME : 1-15-160NRC HERZBERG									
PANEL : 2PA									
SYSTEM : 120/208V, 3PH, 4W									
TYPE : LOAD CENTRE									
LOCATION : MEZZANINE									
MOUNTING : SURFACE									
NO. CIRCUITS : 42									
BUS SIZE : 100A									
SYM. FAULT RATING : 10kAIC									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
CLEAN ROOM	15	1	01	02	1	15	MCH/HELD/LOWER		
COLD ROOM	15	1	03	04	1	15	EXTERIOR LIGHTS		
HIGH BAY LIGHTS	20	1	05	06	1	15	EXTERIOR LIGHTS		
HIGH BAY LIGHTS	20	1	07	08	1	15	RECEPTACLE		
HIGH BAY LIGHTS	20	1	09	10	1	15	COMMS RECEPTACLE		
HIGH BAY LIGHTS	20	1	11	12	1	15	COMMS RECEPTACLE		
INVERTER	60	1	13	14	1	15	SPARE		
SPARE	15	1	15	16	1	15	SPARE		
SPARE	15	1	17	18	1	15	SPARE		
SPARE	15	1	19	20	1	15	SPARE		
SPARE	15	1	21	22	1	15	SPARE		
SPARE	15	1	23	24	1	15	SPARE		
SPARE	15	1	25	26	1	15	SPARE		
SPARE	15	1	27	28	1	15	SPARE		
SPARE	15	1	29	30	1	15	SPARE		
SPARE	15	1	31	32	1	15	SPARE		
SPARE	15	1	33	34	1	15	SPARE		
SPARE	15	1	35	36	1	15	SPARE		
SPARE	15	1	37	38	1	15	SPARE		
SPARE	15	1	39	40	1	15	SPARE		
SPARE	15	1	41	42	1	15	EXIT SIGNS		

(R) Control Through Low Voltage Relay Panel

PANELBOARD SCHEDULE									
JOB NO./NAME : 1-15-160 NRC HERZBERG									
PANEL : 2PA									
SYSTEM : 120/208V, 30, 4W									
TYPE : -									
LOCATION : FLOOR									
MOUNTING : SURFACE									
NO. CIRCUITS : 84									
BUS SIZE : 200A									
SYM. FAULT RATING : 10kAIC									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXTERIOR RECEPTACLES	15	1	01	02	1	15	RECEPTACLES		
COLD ROOM	15	1	03	04	1	15	RECEPTACLES		
COLD ROOM	15	1	05	06	1	15	RECEPTACLES		
EXTERIOR RECEPTACLES	15	1	07	08	1	15	RECEPTACLES		
EXTERIOR RECEPTACLES	15	1	09	10	1	15	RECEPTACLES		
SPARE	15	1	11	12	1	15	SPARE		
SPARE	15	1	13	14	1	15	SPARE		
SPARE	15	1	15	16	1	15	SPARE		
SPARE	15	1	17	18	1	15	SPARE		
SPARE	15	1	19	20	1	15	SPARE		
SPARE	15	1	21	22	1	15	SPARE		
SPARE	15	1	23	24	1	15	SPARE		
SPARE	15	1	25	26	1	15	SPARE		
SPARE	15	1	27	28	1	15	SPARE		
SPARE	15	1	29	30	1	15	SPARE		
SPARE	15	1	31	32	1	15	SPARE		
SPARE	15	1	33	34	1	15	SPARE		
SPARE	15	1	35	36	1	15	SPARE		
SPARE	15	1	37	38	1	15	SPARE		
SPARE	15	1	39	40	1	15	SPARE		
SPARE	15	1	41	42	1	15	SPARE		

\* GFCI Breaker

PANELBOARD SCHEDULE									
JOB NO./NAME : 1-15-160NRC HERZBERG									
PANEL : 2P									
SYSTEM : 120/208V, 3PH, 4W									
TYPE : LOAD CENTRE									
LOCATION : MEZZANINE									
MOUNTING : SURFACE									
NO. CIRCUITS : 84									
BUS SIZE : 200A									
SYM. FAULT RATING : 10kAIC									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
ACH-1a	15	2	01	02	3	15	CF-1		
			03	04					
SPARE	15	2	05	06					
			07	08	3	15	CF-2		
CU-1, AC-1	30	2	09	10					
			11	12					
EF-1, 2	15	1	13	14	3	15	CF-3		
WASHROOM RECEPTACLE	15	1	15	16					
EXTERIOR RECEPTACLE	15	1	17	18					
DHWT-1	15	1	19	20	3	15	CF-4		
CLEAN ROOM	15	1	21	22					
CLEAN ROOM	15	1	23	24					
DDC	15	1	25	26	3	15	CF-5		
ACH-1b	15	2	27	28					
			29	30					
RECEPTACLE	20	1	31	32	3	15	CF-6		
RECEPTACLE	20	1	33	34					
ACH-1c	15	1	35	36					
			37	38	3	15	CF-7		
HANDS FREE	15	1	39	40					
COMMUNICATIONS CLOSET	20	1	41	42					
SPARE	15	1	43	44	3	15	CF-8		
RECEPTACLE	15	1	45	46					
SPARE	15	1	47	48					
SPARE	15	1	49	50	3	30	OVERHEAD DOOR		
BASEBOARD	15	2	51	52					
			53	54					
SPARE	15	1	55	56	3	20	COM		
SPARE	15	1	57	58					
SPARE	15	1	59	60					
ACH-1d	15	2	61	62	2	15	ACH-2d		
			63	64					
ACH-2a	15	2	65	66	1	15	P-1		
			67	68	3	100	PANEL 2PA		
ACH-2b	15	2	69	70					
			71	72					
ACH-2c	15	2	73	74	2	15	BASEBOARD HEAT		
			75	76					
SPARE	15	1	77	78	1	15	SPARE		
SPARE	15	1	79	80	1	15	SPARE		
SPARE	15	1	81	82	1	15	SPARE		
SPARE	15	1	83	84	1	15	SPARE		

\* GFCI Breaker

PANELBOARD SCHEDULE									
JOB NO./NAME : 1-15-160NRC HERZBERG									
PANEL : 2PC									
SYSTEM : 120/208V, 3PH, 4W									
TYPE : LOAD CENTRE									
LOCATION : WORKING AREA									
MOUNTING : SURFACE									
NO. CIRCUITS : 42									
BUS SIZE : 100A									
SYM. FAULT RATING : 10kAIC									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
SPARE	15	1	01	02	3	15	SPARE		
SPARE	15	1	03	04					
SPARE	15	1	05	06					
SPARE	15	1	07	08	3	15	SPARE		
SPARE	15	1	09	10					
SPARE	15	1	11	12					