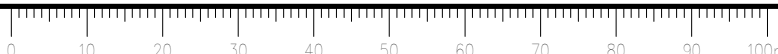


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	LIGHTING FIXTURES AND CONTROL
	"NOT ALL SYMBOLS APPEAR ON DRAWINGS"
	305mm (12")x1220mm (48") FLUORESCENT LUMINAIRE, TYPE 'AA' (REFER TO LUMINAIRE SCHEDULE)
	610mm (24")x1220mm (48") FLUORESCENT LUMINAIRE, TYPE 'AB' (REFER TO LUMINAIRE SCHEDULE)
	610mm (24")x610mm (24") FLUORESCENT LUMINAIRE, TYPE 'CC' (REFER TO LUMINAIRE SCHEDULE)
	305mm (12")x1220mm (48") FLUORESCENT STRIP LUMINAIRE, TYPE 'D' (REFER TO LUMINAIRE SCHEDULE)
	LUMINAIRE ON SWITCHED NORMAL CIRCUIT
	RECESSED DOWNLIGHT LUMINAIRE (REFER TO LUMINAIRE SCHEDULE)
	WALL MOUNTED LUMINAIRE (REFER TO LUMINAIRE SCHEDULE)
	CEILING MOUNTED EXIT SIGN WITH ARROWS
	WALL MOUNTED EXIT SIGN WITH ARROWS
	EMERGENCY LIGHTING BATTERY UNIT WITH HEADS
	EMERGENCY LIGHTING REMOTE SINGLE HEAD
	EMERGENCY LIGHTING REMOTE DOUBLE HEAD
	SINGLE POLE SWITCH (3-3-WAY; 3-SWITCH LEG 'N')
	TWO SINGLE POLE SWITCHES IN ONE MULTI-GANG BOX
	THREE SINGLE POLE SWITCHES IN ONE MULTI-GANG BOX
	DIMMER SWITCH
	LOW VOLTAGE SWITCH
	WALL MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR

	RECEPTACLES
	"NOT ALL SYMBOLS APPEAR ON DRAWINGS"
	15A, 120V, SINGLE RECEPTACLE
	15A, 120V, DUPLEX RECEPTACLE
	15A, 120V, DUPLEX RECEPTACLE ON EMERGENCY POWER
	15A, 120V, ISOLATED GROUND DUPLEX RECEPTACLE
	15A, 120V, GFCI DUPLEX RECEPTACLE
	15A, 120V, FOUR-PLEX RECEPTACLE
	15A, 120V, ISOLATED GROUND FOUR-PLEX RECEPTACLE
	15A, 120V, GFCI FOUR-PLEX RECEPTACLE
	15A, 120V, POINT OF SALE (POS) RECEPTACLE
	20A, 208V, T-SLOT RECEPTACLE
	20A, 120V, DUPLEX RECEPTACLE
	20A, 120V, FOUR-DUPLEX RECEPTACLE
	20A, 120V, ISOLATED GROUND DUPLEX RECEPTACLE
	20A, 120V, GFCI DUPLEX RECEPTACLE
	20A, 120V, DUPLEX RECEPTACLE ON UPS POWER
	15A, 120V, DUPLEX RECEPTACLE FLOOR MOUNTED
	JUNCTION BOX CEILING MOUNTED
	JUNCTION BOX WALL MOUNTED

	DATA AND COMMUNICATIONS
	"NOT ALL SYMBOLS APPEAR ON DRAWINGS"
	DATA OUTLET
	TELEPHONE OUTLET
	PAY TELEPHONE OUTLET
	WIRELESS ACCESS POINT
	VOICEDATA OUTLET
	VOICEDATA OUTLET WITH 1 TEL, 2 DATA PORTS
	VOICEDATA OUTLET CAT. 6 WITH 1 TEL, 2 DATA PORTS
	CATV OUTLET
	CCTV OUTLET
	SPEAKER CEILING MOUNTED
	SPEAKER WALL MOUNTED
	SPEAKER VOLUME CONTROL
	INTERCOM STATION

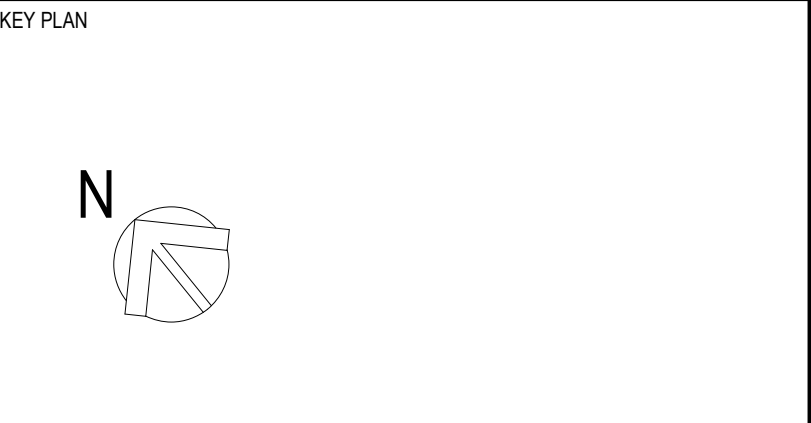
	FIRE ALARM
	"NOT ALL SYMBOLS APPEAR ON DRAWINGS"
	PULLSTATION
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	HEAT DETECTOR
	END OF LINE DEVICE
	SPRINKLER FLOW SWITCH
	SPRINKLER PRESSURE SWITCH
	SPRINKLER TAMPER SWITCH
	SPRINKLER GATE VALVE
	STROBE
	BELL
	ADDRESSABLE INPUT MONITOR MODULE
	INPUT MODULE
	INPUT/OUTPUT MODULE
	CONTROL RELAY
	CT1 INPUT
	CT2 DUAL INPUT

	MOTORS AND CONTROL
	"NOT ALL SYMBOLS APPEAR ON DRAWINGS"
	208V, 3Ø CONNECTION TO EQUIPMENT
	120V CONNECTION TO EQUIPMENT
	DISCONNECT SWITCH
	MAGNETIC STARTER
	COMBINATION STARTER WITH DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	VARIABLE SPEED CONTROLLER
	OVERHEAD DOOR CONTROL PUSHBUTTON - SUPPLIED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.

	SECURITY
	SECURITY ACCESS DOOR CARD READER
	SECURITY ACCESS DOOR POSITION CONTACT
	SECURITY AUDIBLE DOOR ALARM
	SECURITY ACCESS DOOR OPERATOR
	SECURITY ACCESS DOOR POSITION SWITCH
	SECURITY ACCESS DOOR ELECTRIC LOCK
	SECURITY ACCESS DOOR KEY PAD
	SECURITY MOTION DETECTOR
	SECURITY ACCESS DOOR REQUEST TO EXIT
	SECURITY CAMERA
	SECURITY CAMERA PAN TILT ZOOM
	DOOR RELEASE PUSHBUTTON CONTROLS MAIN ENTRANCE FROM ROOM 03 AND ROOM 22

	POWER SINGLE LINE DIAGRAM LEGEND
	"NOT ALL SYMBOLS APPEAR ON DRAWINGS"
	FIX MOUNTED LOW VOLTAGE MOULDED CASE CIRCUIT BREAKER
	DRAW OUT LOW VOLTAGE AIR CIRCUIT BREAKER
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	FUSE
	POWER TRANSFORMER
	DELTA WYE POWER TRANSFORMER
	CURRENT TRANSFORMER
	DIGITAL INFORMATION METER (VA, Hz, PF, KW, KVA, KVAR)
	TRANSIENT VOLTAGE SURGE PROTECTION
	LIGHTNING ARRESTOR
	PANEL OUTLINE
	UN-FUSED LOAD BREAK SWITCH
	FUSED LOAD BREAK SWITCH
	B.C.H. POWER METER
	GENERATOR CONTROL PANEL
	NORMALLY OPEN
	NORMALLY CLOSED
	FULL CAPACITY ABOVE NORMAL TAP
	FULL CAPACITY BELOW NORMAL TAP

DRAWING LIST	
DRAWING NUMBER	NAME
E-000	LEGEND SCHEDULE AND DRAWING LIST
E-001	ELECTRICAL SITE PLAN
E-100	POWER LAYOUT
E-101	SYSTEMS LAYOUT
E-102	LIGHTING LAYOUT
E-200	SCHEDULES
E-300	SINGLE LINE DIAGRAM
E-301	DETAILS



0	ISSUED FOR TENDER	2017-06-09
Revision Sequence	Description/Description	Date/Date

Client/client

TRANSPORT CANADA

Operations and Technical Services
#820 - 800 Burrard St.
Vancouver, BC V6Z 2J8

Project title/Titre du projet

PORT HARDY AIRPORT
EQUIPMENT MAINTENANCE
BUILDING

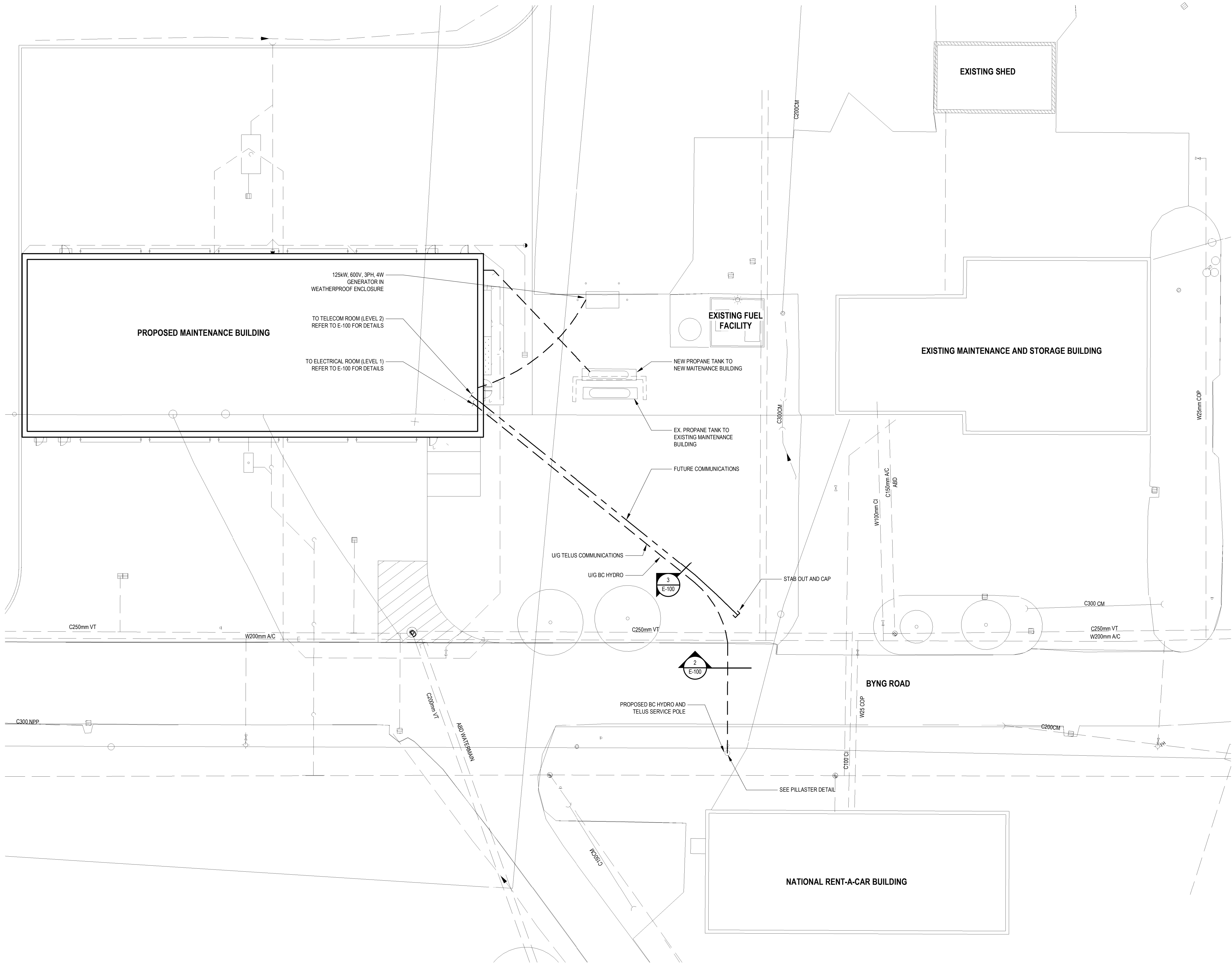
3675 BYNG ROAD
PORT HARDY, BC V0N 2P0

Consultant Signature Box Only	
Designed by/Concept par JdB	Approved by/Approuvée par GP
Drawn by/Dessiné par DC	
PWOSC Project Manager/Administrateur de Projets TPSGC JIMMY WONG	
PWOSC, Regional Manager, Architectural and Engineering, Gestionnaire régionale, Services d'architectural et de génie, OREST KLUFAS	

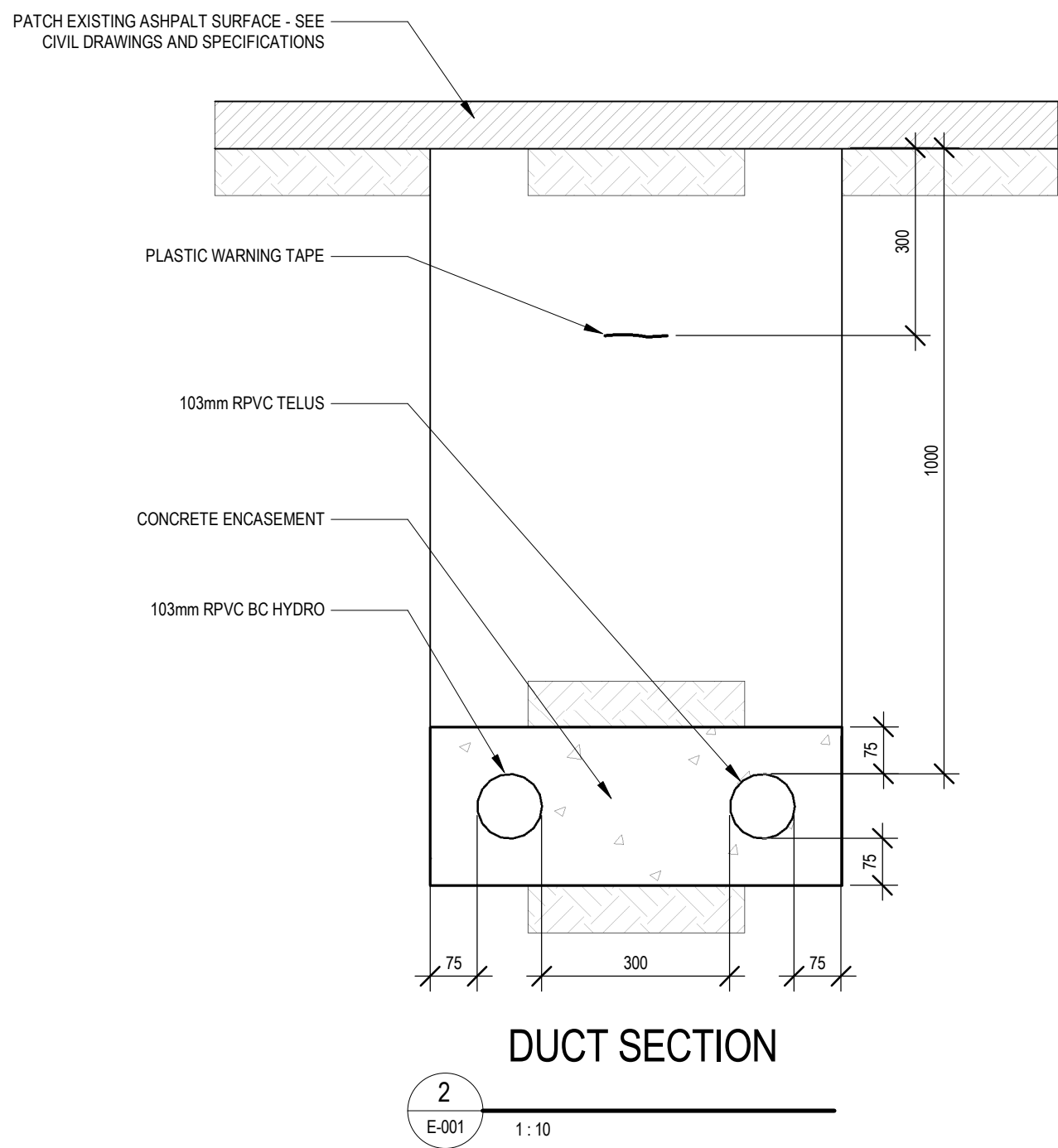
Drawing title/Titre du dessin

LEGEND
SCHEDULE AND
DRAWING LIST

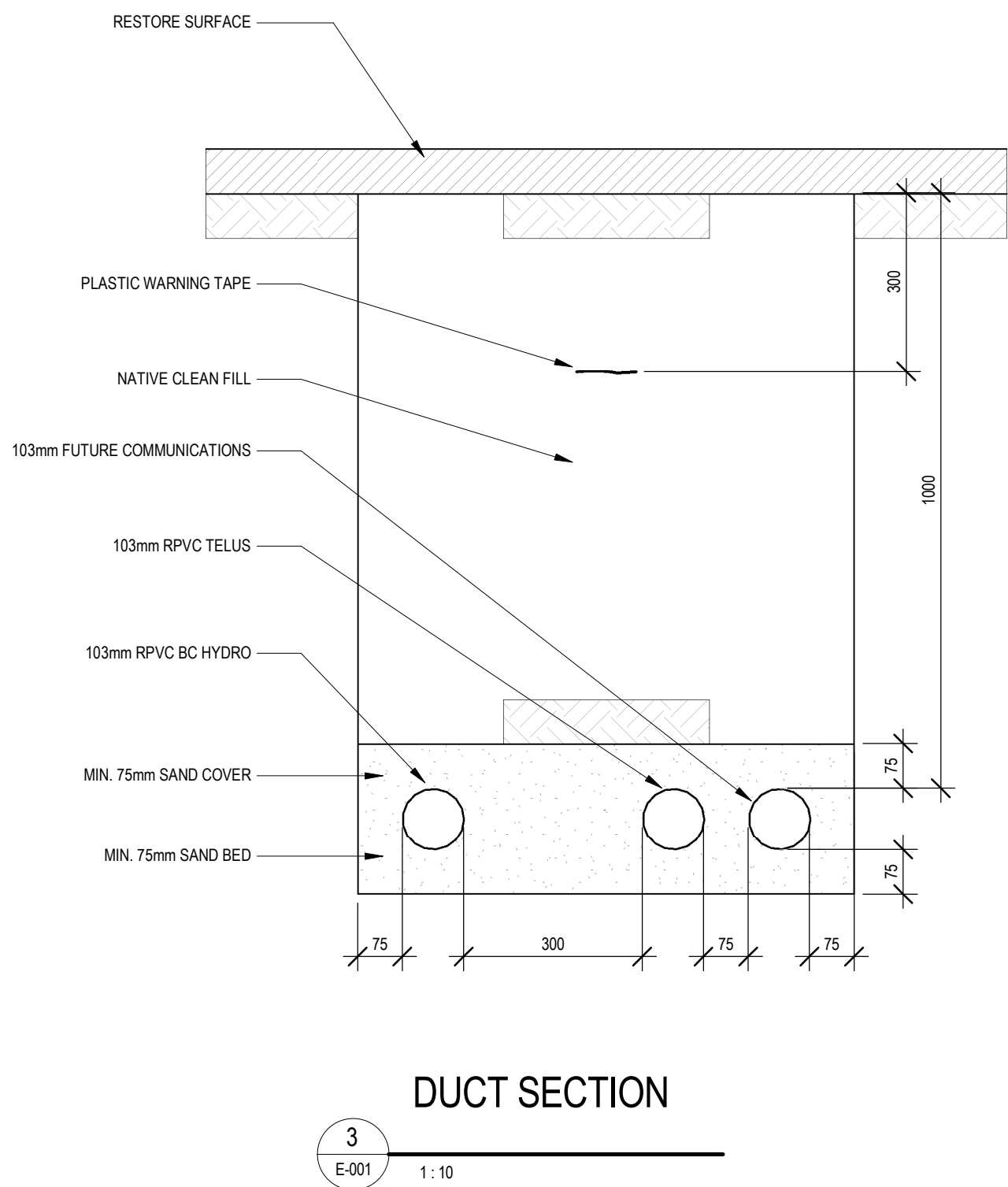
Project No./No. du projet R.077016.001	Sheet Feuille E-000	Revision LG Révision no. 0
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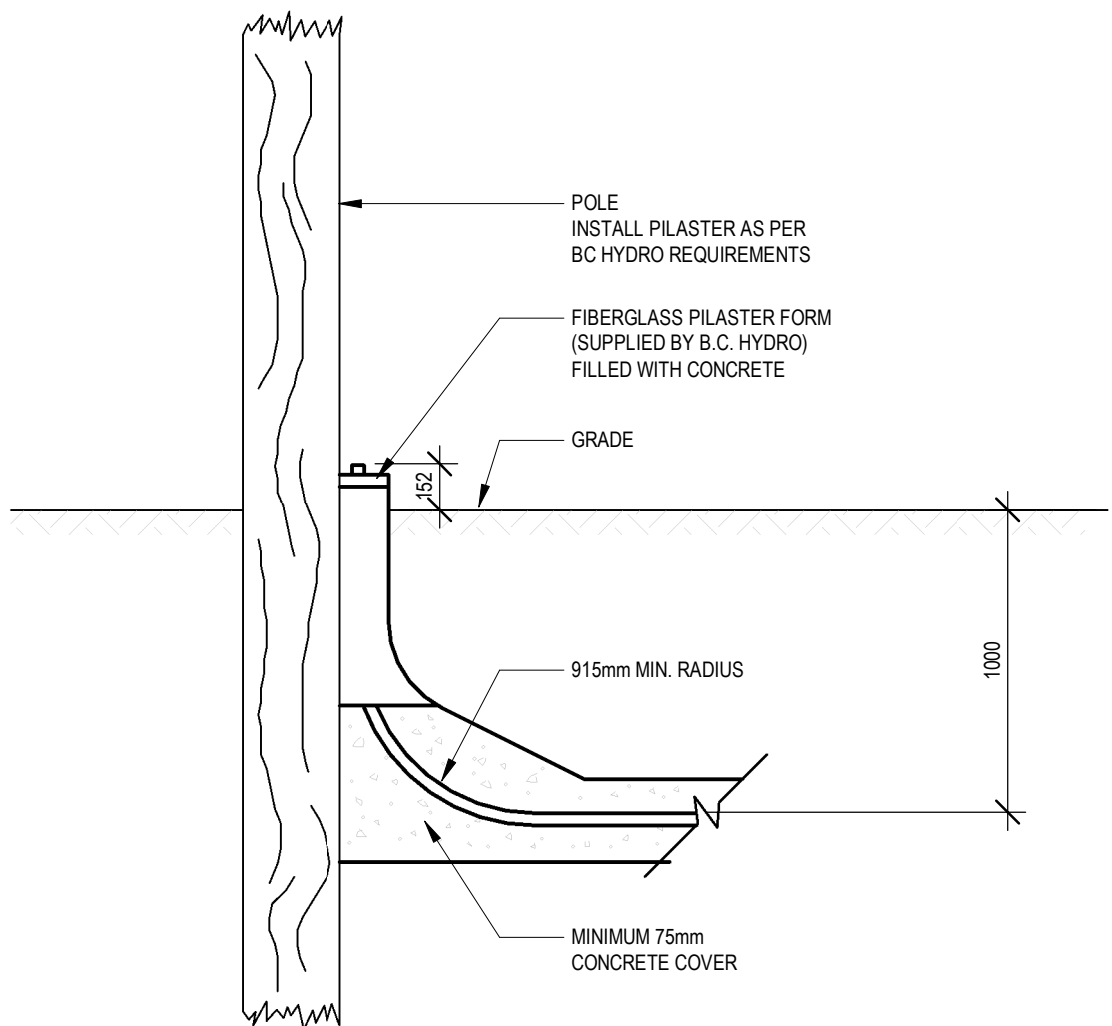
1
E-001
1:250
NEW MAINTENANCE BUILDING ELECTRICAL
SITE PLAN



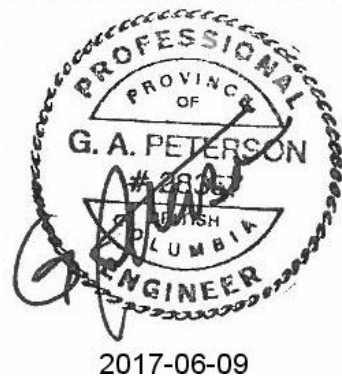
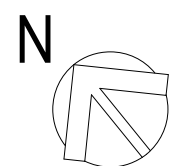
2
E-001
1:10
DUCT SECTION



3
E-001
1:10
DUCT SECTION



4
E-001
N.T.S.
PILLASTER DETAIL



Revision Sequence	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-06-09

Client/client

TRANSPORT CANADA

Operations and Technical Services
#820 - 800 Burrard St.
Vancouver, BC V6Z 2J8

Project title/Titre du projet

PORT HARDY AIRPORT
EQUIPMENT MAINTENANCE
BUILDING

3675 BYNG ROAD
PORT HARDY, BC V0N 2P0

Consultant Signature Box Only

Designed by/Concept par
Designer
Approved by/Approuvée par
Approver

Drawn by/Dessiné par

Author

PW05C, Project Manager/Administrateur de Projets TPSGC
JIMMY WONG

PW05C, Regional Manager, Architectural and Engineering,
Gestionnaire régional, Services d'architecture et de génie,
OREST KLUFAS

Drawing title/Titre du dessin

ELECTRICAL
SITE PLAN

Project No./No. du projet

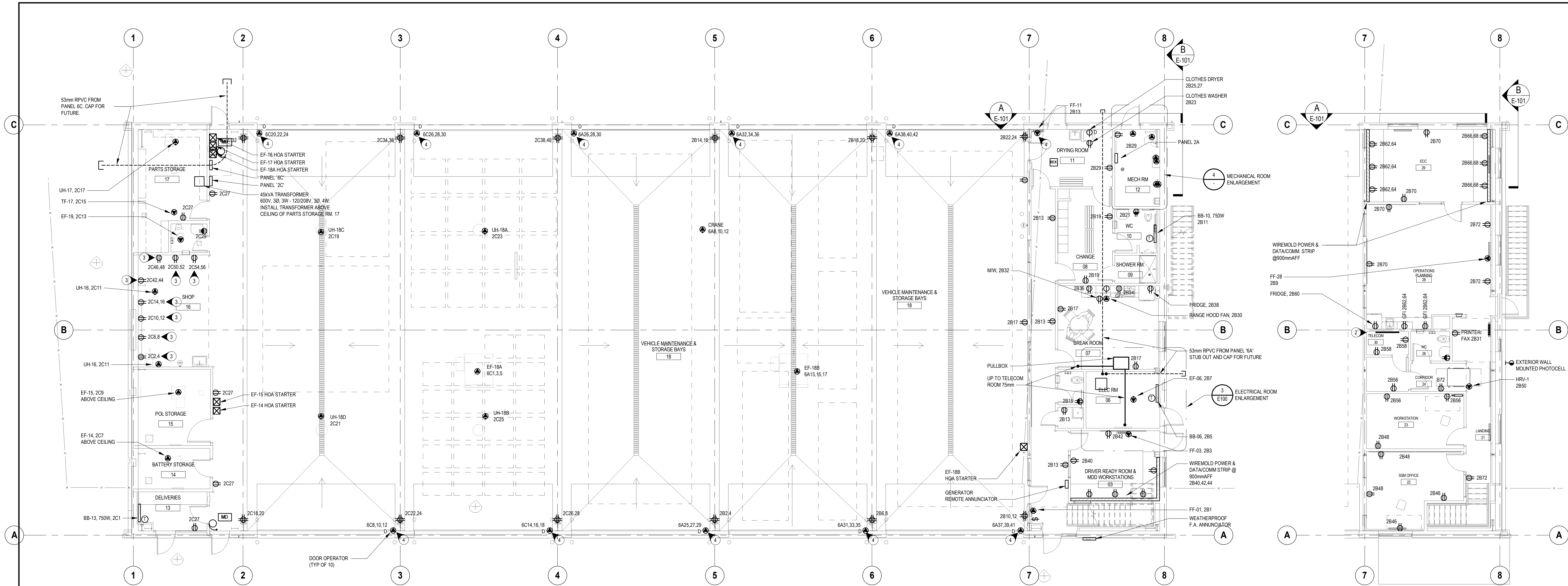
R.077016.001

Sheet Feuille

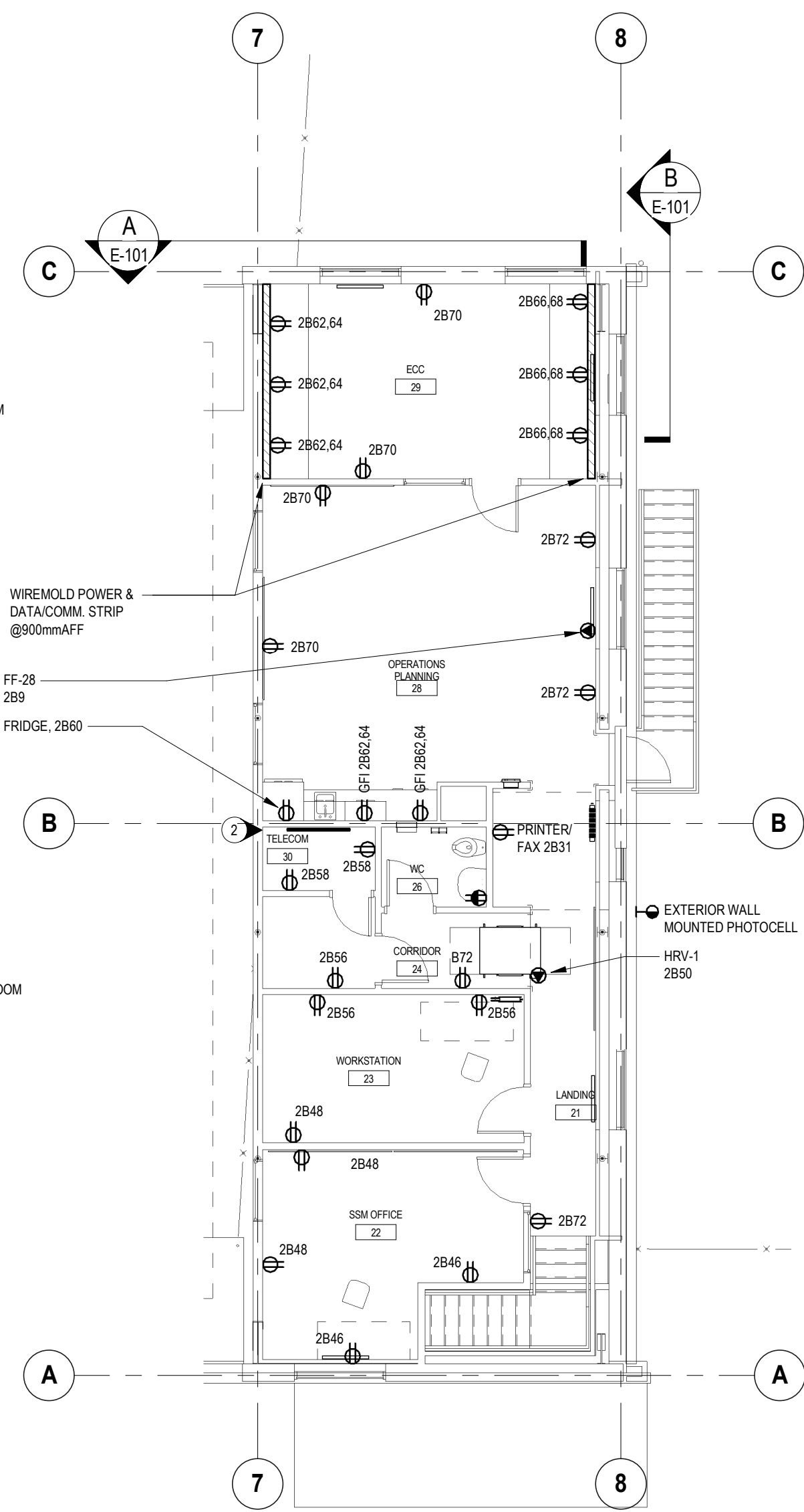
E-001

Revision
Lg
Révision no.

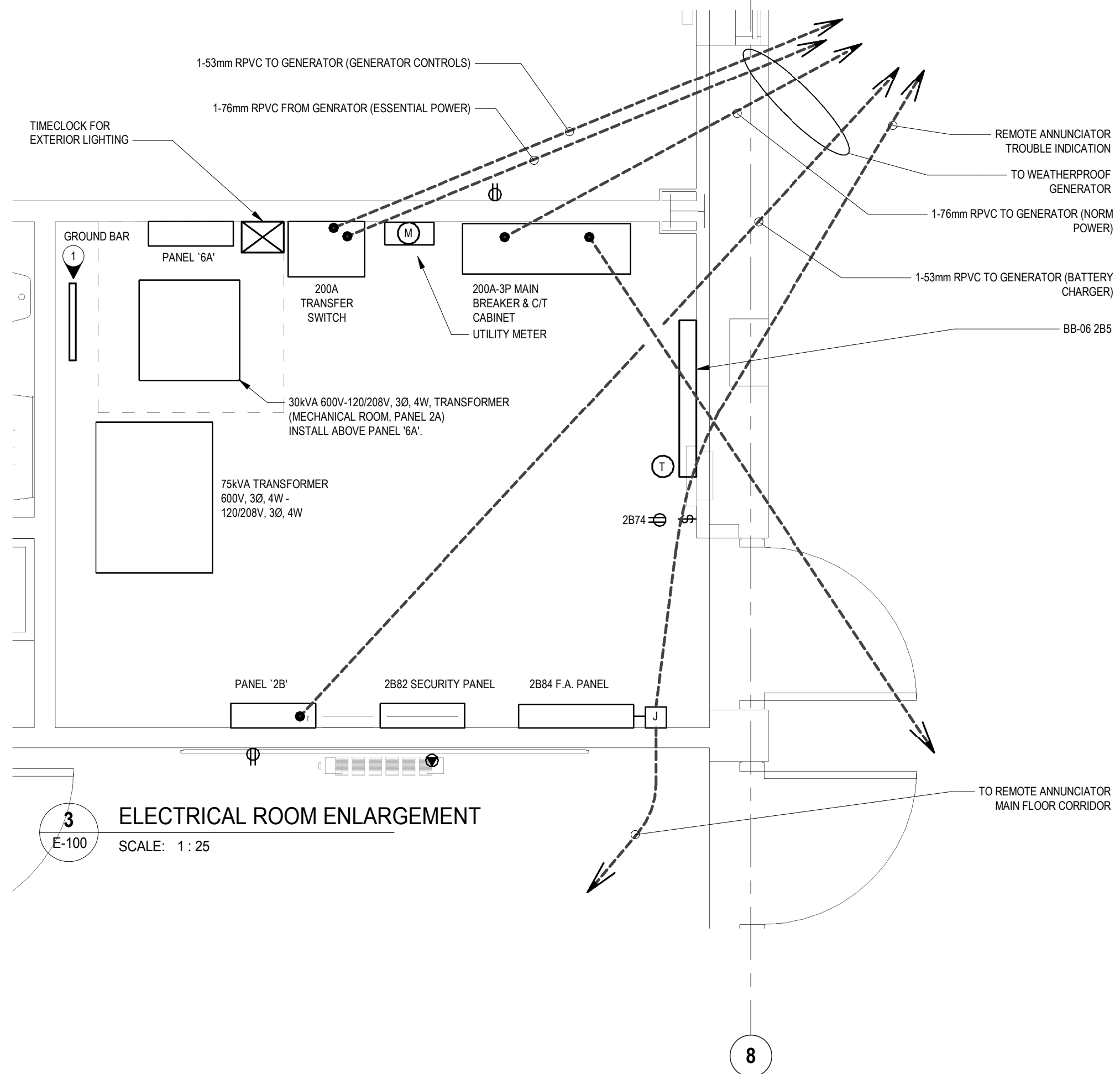
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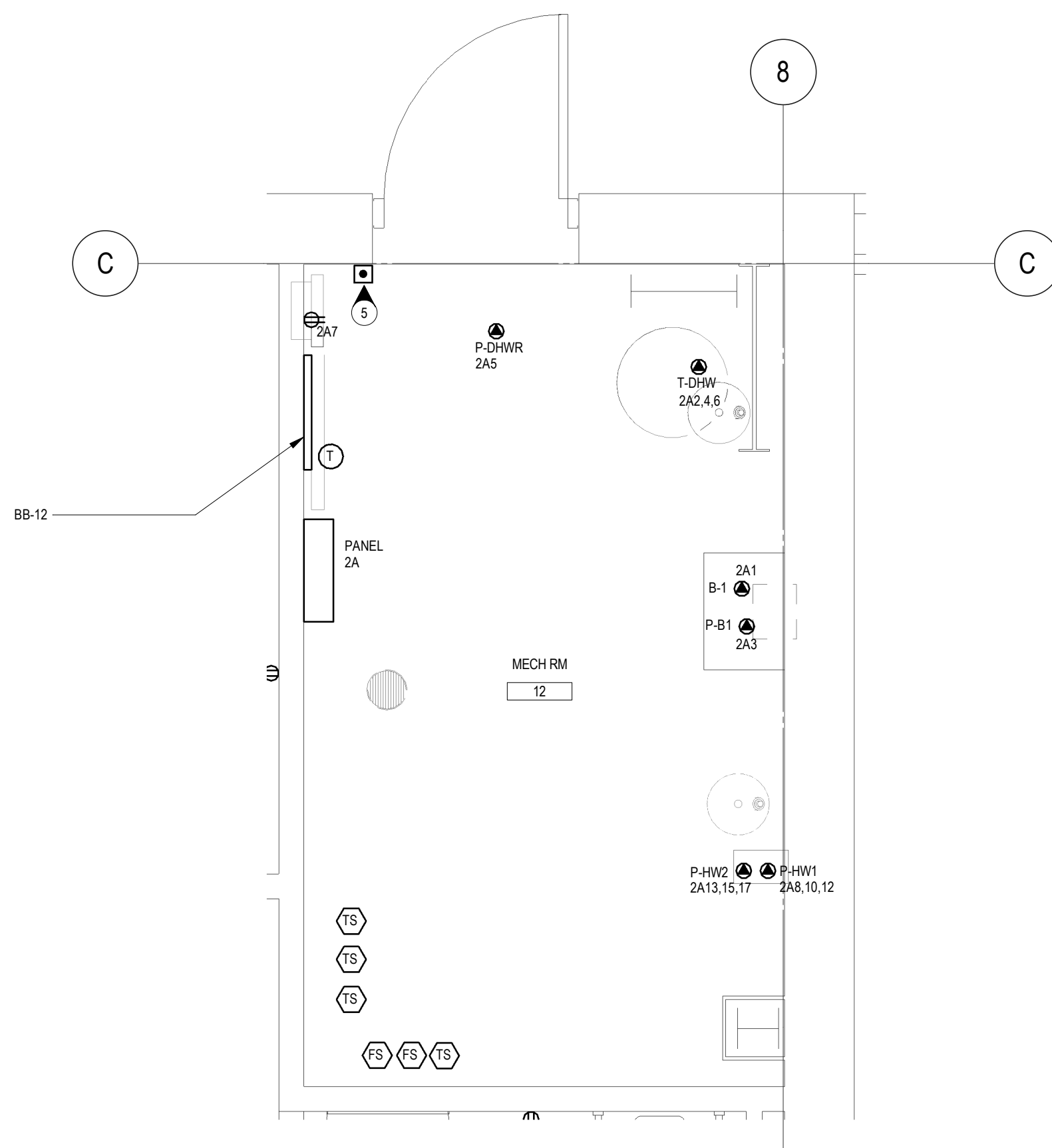
1 LEVEL 1 - POWER LAYOUT
E-100
SCALE: 1:100



2 LEVEL 2 - POWER LAYOUT
E-100
SCALE: 1:100



3 ELECTRICAL ROOM ENLARGEMENT
E-100
SCALE: 1:25



4 MECHANICAL ROOM ENLARGEMENT
E-100
SCALE: 1:25

REAL PROPERTY SERVICES

Pacific Region

SERVICES IMMOBILIERS

Région de Pacifique

KEY PLAN

Project No:
161-14582

Project No.: 161-14582-00

IFFS AND COPPER WIRING LUGS (TYPICAL)

WOOD BACKBOARD - FOREST STEWARDSHIP

OVER COUNTER.

CONTRACTOR SUPPLIED OVERHEAD DOOR

OPERATOR AND DOOR SENSORS. PROVIDE AND

INSTALL.

2017-06-09

POL & BATTERY STORAGE ARE HAZARDOUS LOCATIONS. ALL CONDUITS

ENTERING ARE TO HAVE EYE SEAL.

Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017-06-09

Client/client

TRANSPORT CANADA

Operations and Technical Services

#820 - 800 Burrard St.

Vancouver, BC V6Z 2J8

Project title/Titre du projet

PORT HARDY AIRPORT

EQUIPMENT MAINTENANCE

BUILDING

3675 BYNG ROAD

PORT HARDY, BC V0N 2P0

Consultant Signature Box Only

Designed by/Concept par

JdB

Approved by/Approuvée par

JdB

Drawn by/Dessiné par

DC

PWSSC, Project Manager/Administrateur de Projets TPSGC

JIMMY WONG

PWSSC, Regional Manager, Architectural and Engineering

Gestionnaire régional, Services d'architecture et de génie,

OREST KLUFAS

Drawing title/Titre du dessin

POWER

LAYOUT

Project No./No. du projet

R.077016.001

Sheet Feuille

E-100

Revision

1.0

Revision no.

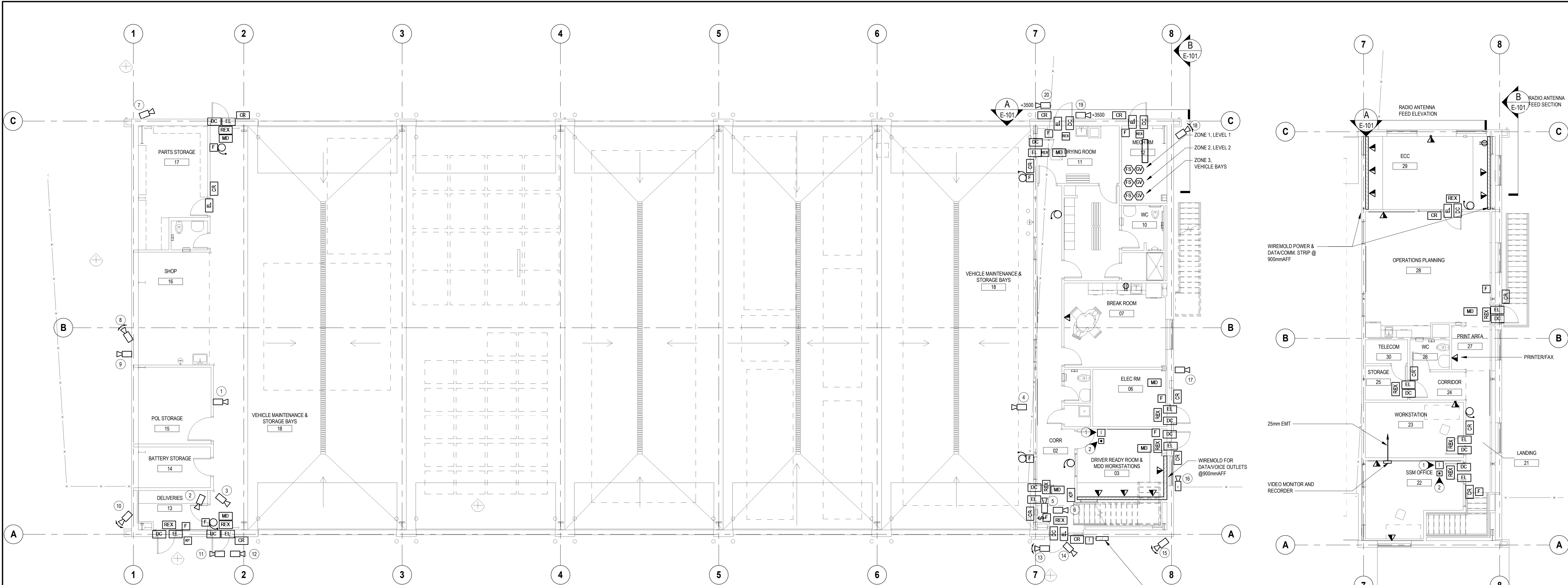
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PWSSC - B1 -

0 10 20 30 40 50 60 70 80 90 100

DMSXXXXX



1 LEVEL 1 - SYSTEMS LAYOUT
E-101 SCALE: 1: 100

2 LEVEL 2 - SYSTEMS LAYOUT
E-101 SCALE: 1: 100

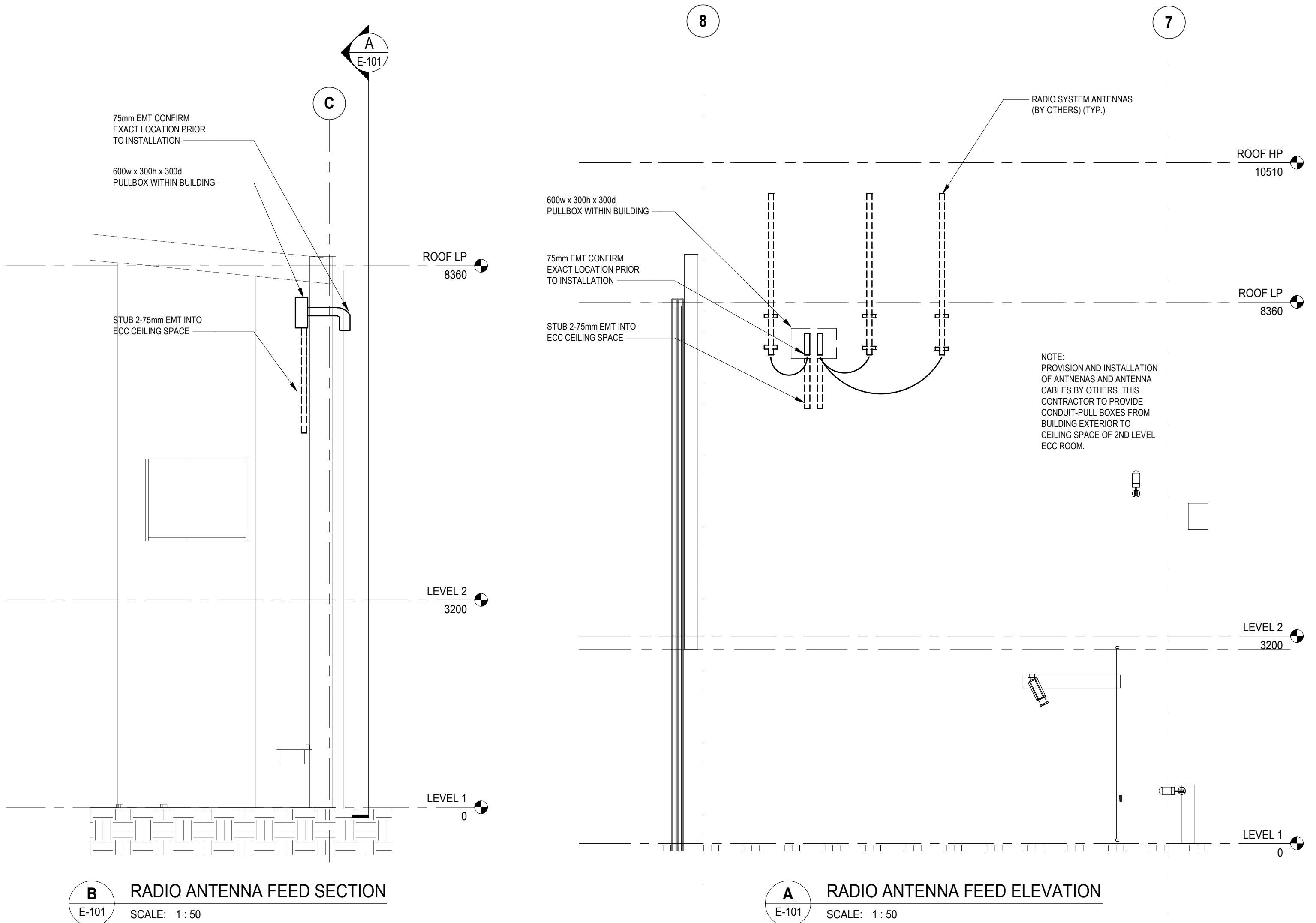
SECURITY CAMERA TYPE SCHEDULE		
TYPE	INFORMATION	PERFORMANCE REQUIREMENTS
A	5 MEGAPIXEL, 15 IPS, MOTOR FOCUS, 4:3 ASPECT RATION	INDOOR SURFACE MOUNT 1K10 IMPACT RESISTANT POE CAMERA, TO HAVE 5 MEGAPIXEL RESOLUTION AT MINIMUM 15 IMAGES PER SECOND. SHUTTER SPEED FROM 1/5 TO 1/30,000 OF A SECOND. MINIMUM ILLUMINATION TO BE f/2 SENSITIVITY. ANGLE OF VIEW DIAGONAL: 110° TO 46°. ANGLE OF VIEW HORIZONTAL: 88° TO 37°, AND ANGLE OF VIEW VERTICAL: 64° TO 27°. RESOLUTION 2592 X 1944 4:3 ASPECT RATIO, H.264 AND MJPEG ENCODINGS. DUAL CHANNEL AUDIO, G.711 A-law/G.711 U-law ENCODING. STANDARD OF ACCEPTANCE: PELCO SARIX IMP INDOOR MINI DOME 5 MPX.
B	5 MEGAPIXEL, 15 IPS, MOTOR FOCUS, 4:3 ASPECT RATION	OUTDOOR IP 66 RATED NEMA 4X SURFACE MOUNT 1K10 IMPACT RESISTANT POE CAMERA, TO HAVE 5 MEGAPIXEL RESOLUTION AT MINIMUM 15 IMAGES PER SECOND. SHUTTER SPEED FROM 1/5 TO 1/30,000 OF A SECOND. MINIMUM ILLUMINATION TO BE f/2 SENSITIVITY. ANGLE OF VIEW DIAGONAL: 110° TO 46°. ANGLE OF VIEW HORIZONTAL: 88° TO 37°, AND ANGLE OF VIEW VERTICAL: 64° TO 27°. RESOLUTION 2592 X 1944 4:3 ASPECT RATIO, H.264 AND MJPEG ENCODINGS. DUAL CHANNEL AUDIO, G.711 A-law/G.711 U-law ENCODING. STANDARD OF ACCEPTANCE: PELCO SARIX IMP ENVIRONMENTAL MINI DOME 5 MPX.
C	2 MEGAPIXEL, 30IPS, 30X OPTICAL ZOOM 12X DIGITAL ZOOM 16:9 ASPECT RATIO PAN, TILT ZOOM MOTORS	OUTDOOR IP 66 RATED NEMA 4X SURFACE MOUNT 1K10 IMPACT RESISTANT POE CAMERA, TO HAVE 2 MEGAPIXEL RESOLUTION AT MINIMUM 30 IMAGES PER SECOND. SHUTTER SPEED FROM 1/5 TO 1/30,000 OF A SECOND. MINIMUM ILLUMINATION TO BE f/1.6 - F/4.7 SENSITIVITY. ANGLE OF VIEW HORIZONTAL: 59° AND ANGLE OF VIEW VERTICAL: 64° TO 27°. RESOLUTION 2592 X 1944 4:3 ASPECT RATIO, H.264 AND MJPEG ENCODINGS. DUAL CHANNEL AUDIO, G.711 A-law/G.711 U-law ENCODING. STANDARD OF ACCEPTANCE: PELCO SPECTRA HD ENVIRONMENTAL MINI DOME 30X 2.07MPX.

SECURITY CAMERA SCHEDULE			
CAMERA #	CAMERA TYPE	FIELD OF VIEW AND ORIENTATION	MTG HT mm
1	A	BAY INTERIOR	2700
2	A	DELIVERY ROOM INTERIOR	CEILING
3	A	BAY MAIN DOOR ENTRY	2700
4	A	BAY INTERIOR	5000
5	A	CORRIDOR	CEILING
6	A	STAIRS	CEILING
7	B	NORTHWEST MAIN DOOR / BAY EXITS	4000
8	C	WEST BEACH ROAD	4000
9	B	WEST BEACH ROAD	4000
10	C	BYNG ROAD APPROACH	4000
11	B	SOUTHWEST MAIN DOOR / DELIVERIES DOOR	4000
12	B	BAY ENTRIES	4000
13	C	BAY ENTRIES	4500
14	B	MAIN ENTRANCE / VISITOR'S PARKING	4500
15	B	APPROACH PAD	4500
16	B	READY ROOM AND ELECTRICAL ROOM ENTRANCES	3000
17	B	FUEL FARM	6000
18	C	SAND SHED	6000
19	B	DRYROOM AND MECHANICAL ROOM ENTRIES	3500
20	B	BAY EXITS	3500

KEY NOTES:

- WALL MOUNTED INTERCOM STATION CONNECTED TO MAIN ENTRANCE INTERCOM STATION
- WALL MOUNTED MAIN ENTRANCE DOOR RELEASE PUSHBUTTON

FIRE ALARM SCHEDULE	
INITIATING ZONES	
1	MAIN FLOOR
2	MAIN FLOOR - SPRINKLERS
3	SECOND FLOOR
4	SECOND FLOOR - SPRINKLERS



B RADIO ANTENNA FEED SECTION
E-101 SCALE: 1: 50

A RADIO ANTENNA FEED ELEVATION
E-101 SCALE: 1: 50

KEY PLAN



kasian

Project No:
161-14582

wsp

Project No.: 161-14582-00



0 ISSUED FOR TENDER 2017-06-09

Revision Sequence Description/Description Date/Date

Client/client

TRANSPORT CANADA

Operations and Technical Services
#820 - 800 Burrard St.
Vancouver, BC V6Z 2J8

Project title/Titre du projet

PORT HARDY AIRPORT
EQUIPMENT MAINTENANCE
BUILDING

3675 BYNG ROAD
PORT HARDY, BC V0N 2P0

Consultant Signature Box Only

Designed by/Concept par Approved by/Approuvée par

JdB JdB

Drawn by/Dessiné par

DC PWSC Project Manager/Administrateur de Projets TPSGC

JIMMY WONG

PWSC, Regional Manager, Architectural and Engineering,
Gestionnaire régional, Services d'architecture et de génie,
OREST KLUFAS

Drawing title/Titre du dessin

SYSTEMS
LAYOUT

Project No./No. du projet

R.077016.001

Sheet Feuille

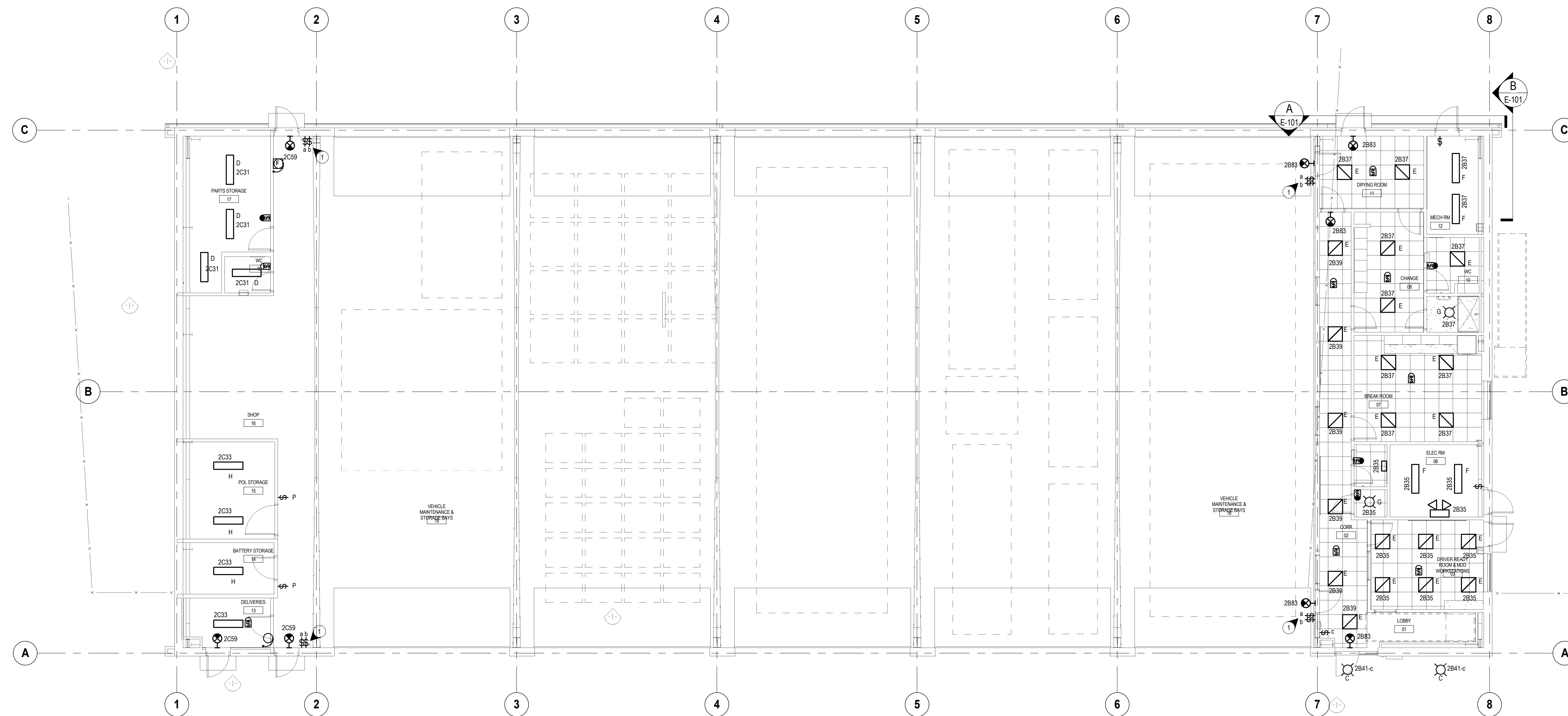
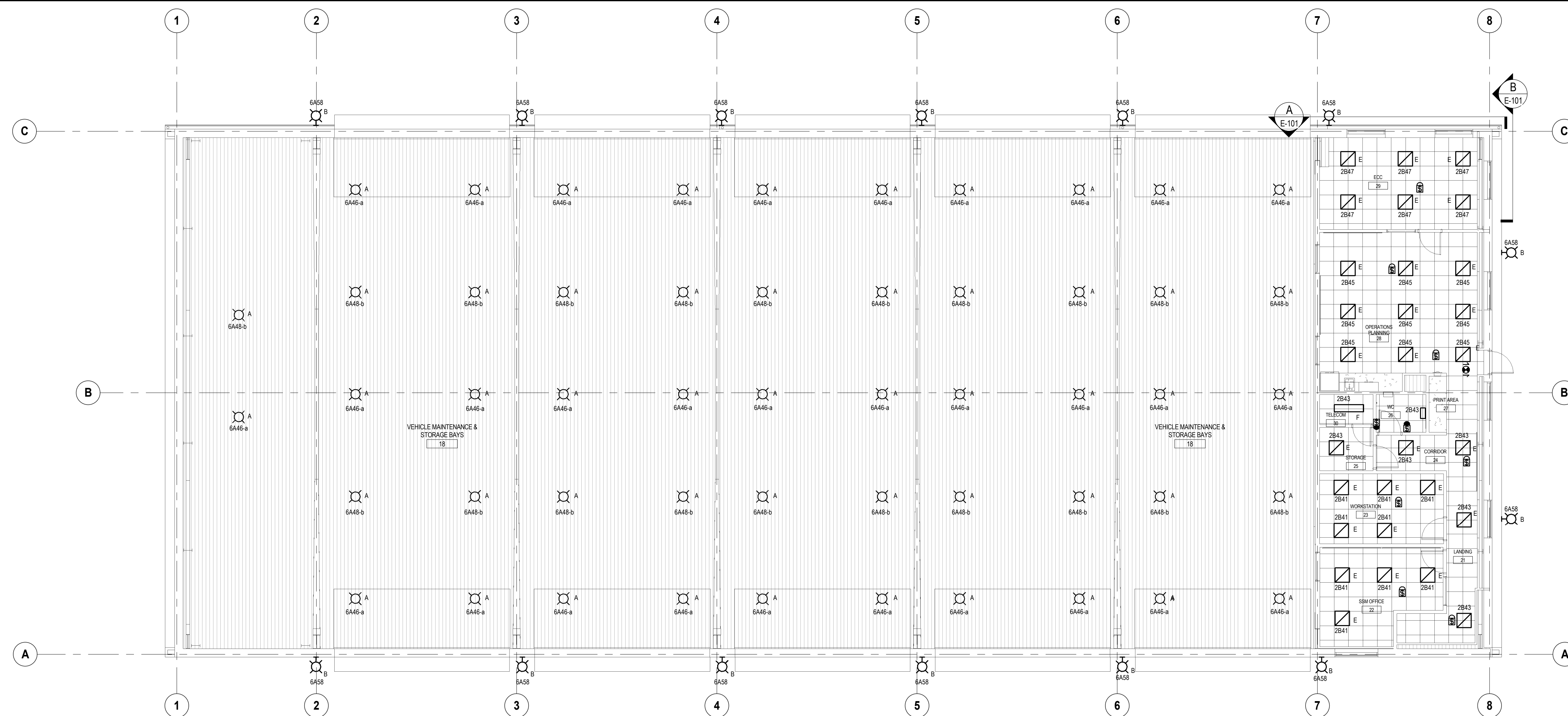
E-101

Revision

10

Revision no.

0



KEY NOTES:

1 CONTROL FOR HIGH BAY TYPE A LUMINAIRES

<p>BAY AREA TARGET ILLUMINATION</p>
<p><u>RECOMMENDED</u></p> <p>ILLUMINATION: 500LUX AVERAGE/MINIMUM UNIFORMITY: 2.0:1</p>
<p><u>ACHIEVED</u></p> <p>ILLUMINATION: 516LUX AVERAGE/MINIMUM UNIFORMITY: 1.89:1</p>

REFER TO SHEET E-200 FOR
LIGHTING FIXTURE SCHEDULE

Project: PWGSC Port Hardy AP Maintenance					Project No: 161-14582-00					Date:		June 1, 2017																				
EQUIPMENT					POWER REQUIREMENTS							FIRE ALARM		AUXILIARY PWR			STARTER				DISCONNECT				CONTROL DEVICE				NOTES			
REV	ITEM	TAG	DESCRIPTION	LOCATION	HP	KW	Volt	Amps	Single Pt Conn	Smoke Shut-off	Trouble Signal	Life Safety	Delayed Vital	Standby	Type	Location	S	I	W	Type	S	I	W	Type	S	I	W					
		B-1	Propane Fired Heating Water Boiler	Mech Rm			120	1		Y	N	N	N	N	N	SS		M	M	M	CSA 1	E	E	E	DDC	M	M	M	Wall outlet			
X		P-B1	Pump - Boiler Circulation	Mech Rm	1/8		120	1		Y	N	N	N	N	N	HOA		E	E	E	CSA 1	E	E	E	DDC	M	M	M				
		P-HW1	Pump - Building Heating Water Circulation	Mech Rm	3/4		203	3		Y	N	N	N	N	N	VFD		M	M	M	CSA 1	E	E	E	DDC	M	M	M				
		P-HW2	Pump - Building Heating Water Circulation	Mech Rm	3/4		203	3		Y	N	N	N	N	N	VFD		M	M	M	CSA 1	E	E	E	DDC	M	M	M				
																				CSA 1												
X		T-DHW	Electric Hot Water Tank	Mech Rm		13.5	203	1		Y	N	N		N	N	SS		M	M	M	CSA 1	E	E	E	T	M	M	M				
		P-DHWR	Pump - Domestic Hot Water Recirculation	Mech Rm	1/6		120	1		Y	N	N	N	N	N	HOA		E	E	E	CSA 1	E	E	E	DDC	M	M	M				
																				CSA 1												
			Controls	Mech Rm			120	1												CSA 1								Circuits for DDC controls				
																				CSA 1												
X		HRV-1	Heat Recovery Ventilator	Above Rm 21		1260	120	1	10.5	Y	N	N	N	N	N	HOA		E	E	E	CSA 1	E	E	E	DDC	M	M	M	Single point power connection			
																				CSA 1												
X		FF-01	Entrance Forced Flow Heater	Rm 01	1/6		120	1		Y	N	N	N	N	N	SS		M	M	M		E	E	E	DDC	M	M	M				
X		FF-03	Entrance Forced Flow Heater	Rm 03	1/6		120	1		Y	N	N	N	N	N	SS		M	M	M		E	E	E	DDC	M	M	M				
		EF-06	Elec Room Exhaust Fan	Rm 06		102 W	120	1		Y	N	N	N	N	N	HOA		E	E	E	CSA 1	E	E	E	DDC	M	M	M				
X		BB-06	Electric Baseboard Heater	Rm 06		750 W												E	E	E		E	E	E	T	E	E	E	Electrical Division to provide heater			
X		FF-11	Entrance Forced Flow Heater	Rm 11	1/6		120	1		Y	N	N	N	N	N	SS		M	M	M		E	E	E	DDC	M	M	M				
X		BB-12	Electric Baseboard Heater	Rm 06		750 W												E	E	E		E	E	E	T	E	E	E	Electrical Division to provide heater			
X		BB-13	Electric Baseboard Heater	Rm 06		750 W												E	E	E		E	E	E	T	E	E	E	Electrical Division to provide heater			
		EF-14	Battery Storage Exhaust Fan	Platform over Rm 14	1/4		120	1		Y	N	N	N	N	N	HOA		E	E	E	CSA 1	E	E	E	ODC	M	M	M	Spark resistant construction to AMCA A rating			
		EF-15	POL Storage Exhaust Fan	Platform over Rm 15	1/4		120	1		Y	N	N	N	N	N	HOA		E	E	E	CSA 1	E	E	E	DDC	M	M	M	Spark resistant construction to AMCA A rating			
X		UH-16	Unit Heater	Rm 16	1/20		120	1		Y	N	N	N	N	N	SS		M	M	M	CSA 1	E	E	E	DDC	M	M	M				
		TF-17	Parts Storage Transfer Fan	Platform over Rm 17		42 W	120	1		Y	N	N	N	N	N	HOA		E	E	E	CSA 1</											

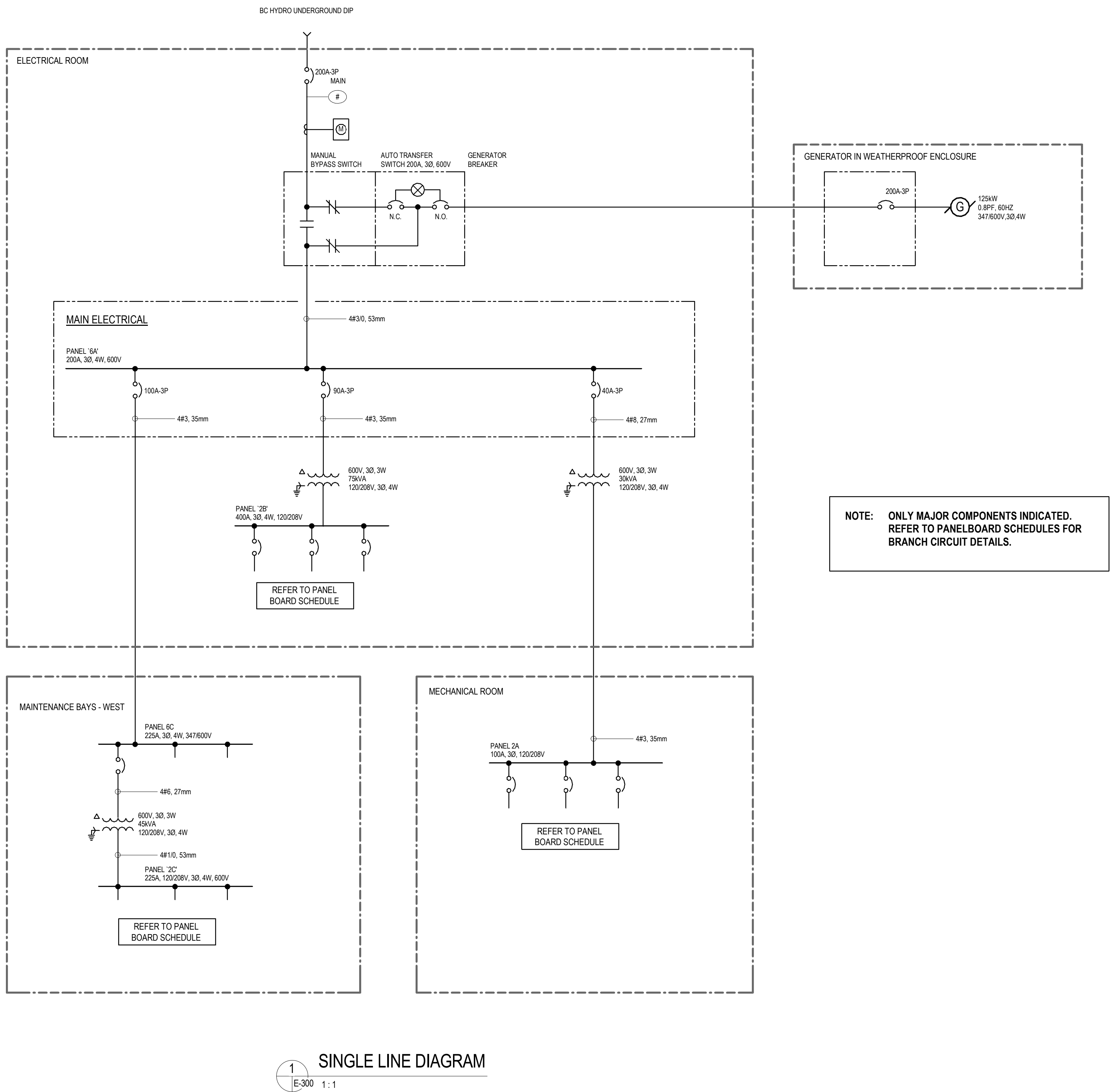
PANEL '6A'							
System: GENERAL POWER Type: 347/600V, 3P, 4W Location: ELECTRICAL ROOM Mounting: SURFACE Circuits: 60 Bus Size: 225A							
Description	Bkr	P	Cir	Cir	Bkr	P	Description
30 kVA TRANSFORMER PANEL 2A (MECH. ROOM)	40	3	1	2	90	3	75 kVA TRANSFORMER PANEL 2B
			3	4			
			5	6			
PANEL 6C MAINTENANCE BAY - WEST	100	3	7	8	15	3	OVERHEAD CRANE
			9	10			
			11	12			
EF-18B	15	1	13	14	15	1	SPARE
			15	16	15	1	SPARE
			17	18	15	1	SPARE
			19	20			
			21	22			
			23	24			
			25	26			
			27	28	15	3	OVERHEAD DOOR
OVERHEAD DOOR	15	3	29	30			
			31	32			
			33	34	15	3	OVERHEAD DOOR
OVERHEAD DOOR	15	3	35	36			
			37	38			
			39	40	15	3	OVERHEAD DOOR
OVERHEAD DOOR	15	1	41	42			
			43	44			
			45	46	15	1	HIGH BAY LIGHTING
			47	48	15	1	HIGH BAY LIGHTING
			49	50			
			51	52			
			53	54			
			55	56			
			57	58			
			59	60			

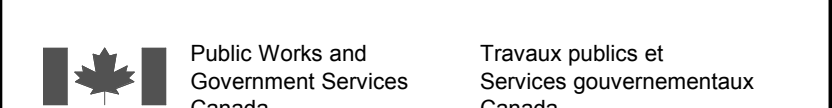
LIGHTING FIXTURE SCHEDULE	
IMAGE	DESCRIPTION
	A SUSPENDED LED HIGH-BAY LUMINAIRE C/W POLYCARBONATE PRISMATIC REFLECTOR. 12,000 LUMENS. MULTI-VOLT DRIVER. 4000K COLOUR TEMPERATURE. 347V. MOUNTING HEIGHT 7300mm. MINIMUM ACCEPTABLE STANDARD: LITHONIA JCB11200LM, 90 WATTS
	B WALL MOUNTED LED PRISMATIC AREA LIGHT. BRONZE FINISH. MULTI-VOLT DRIVER. 4000K COLOUR TEMPERATURE. 5176 LUMENS. TYPE 3 PHOTOMETRIC DISTRIBUTION. 166W. 347V. MINIMUM ACCEPTABLE STANDARD: EATON GALEON LED.
	C RECESSED MOUNTED EXTERIOR LED FLOOD LIGHT. 120V. MINIMUM ACCEPTABLE STANDARD: KENALL HDL6VL2, 13W
	D WALL MOUNTED INTERIOR LED PRISMATIC WRAP C/W PRISMATIC DIFFUSER. 4000K COLOUR TEMPERATURE. 900mm LENGTH 120V. MINIMUM ACCEPTABLE STANDARD: LITHONIA WC 2 32W T8 MAT WHITE OPAL ACRYLIC.
	E 610x610mm CEILING MOUNTED RECESSED VOLUMETRIC TROFFER LIGHT. COLD ROLLED STEEL CONSTRUCTION. L90/610MINIMUM 60,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE. SUITABLE FOR INSTALLATION IN T-BAR CEILING. 3000K, 80CRI, 3300LM, 35W. MINIMUM ACCEPTABLE STANDARD: LITHONIA 2VTL2 2X2VTL 3SL ADP MVOLD E2B LP630, 120V
	F CEILING MOUNTED LED INDUSTRIAL STRIP. 3000K COLOUR TEMPERATURE, 1200mm LENGTH. 120V. MINIMUM ACCEPTABLE STANDARD: LITHONIA ZL1D 5000LM, 42W
	G RECESSED VAPOUR-PROOF LED 203mm, 3000K COLOUR TEMPERATURE, WHITE FINISH. 120V. MINIMUM ACCEPTABLE STANDARD: GOTHAM EVO 80FD
	H CEILING MOUNTED LED EXPLOSION PROOF. 1200mm. 4000K COLOUR TEMPERATURE. 120V. MINIMUM ACCEPTABLE STANDARD: COLUMBIA HEM, 47W

PANEL '2C'										
Voltage: 120/208V, 3 PHASE, 4 WIRE Location: MAINTENANCE BAY - WEST Mounting: SURFACE Circuits: 60 Bus Size: 225A										
Description	Bkr	P	Clr	Cir	Bkr	P	Description	Bkr	P	Clr
BB-13 (RM 13)	15	1	1	2	15	1	WORKBENCH RECEPTACLES			
SPARE	15	1	3	4	15	1	WORKBENCH RECEPTACLES			
SPARE	15	1	5	6	15	1	WORKBENCH RECEPTACLES			
EF-14 (RM 14)	15	1	7	8	15	1	WORKBENCH RECEPTACLES			
EF-15 (RM 15)	15	1	9	10	15	1	WORKBENCH RECEPTACLES			
UH-16 (RM 16)	15	1	11	12	15	1	WORKBENCH RECEPTACLES			
EF-19 (RM 19)	15	1	13	14	15	1	WORKBENCH RECEPTACLES			
TF-17 (RM 17)	15	1	15	16	15	1	WORKBENCH RECEPTACLES			
UH-17 (RM 17)	15	1	17	18	20	1	VEHICLE BAY RECEPTACLE			
UH-18C MAINTENANCE BAY	15	1	19	20	20	1	VEHICLE BAY RECEPTACLE			
UH-18D MAINTENANCE BAY	15	1	21	22	20	1	VEHICLE BAY RECEPTACLE			
UH-18A MAINTENANCE BAY	15	1	23	24	20	1	VEHICLE BAY RECEPTACLE			
UH-18B MAINTENANCE BAY	15	1	25	26	20	1	VEHICLE BAY RECEPTACLE			
GENERAL RECEPTACLES	15	1	27	28	20	1	VEHICLE BAY RECEPTACLE			
GENERAL RECEPTACLES	15	1	29	30	15	1	VEHICLE BAY RECEPTACLE			
LIGHTING	15	1	31	32	15	1	VEHICLE BAY RECEPTACLE			
LIGHTING	15	1	33	34	15	1	VEHICLE BAY RECEPTACLE			
EXTERIOR LIGHTING	15	1	35	36	15	1	VEHICLE BAY RECEPTACLE			
SPARE	15	1	37	38	15	1	VEHICLE BAY RECEPTACLE			
SPARE	15	1	39	40	15	1	VEHICLE BAY RECEPTACLE			
SPARE	15	1	41	42	15	1	WORKBENCH RECEPTACLES			
SPARE	15	1	43	44	15	1	WORKBENCH RECEPTACLES			
			45	46	15	1	WORKBENCH RECEPTACLES			
			47	48	15	1	WORKBENCH RECEPTACLES			
			49	50	15	1	WORKBENCH RECEPTACLES			
			51	52	15	1	WORKBENCH RECEPTACLES			
			53	54	15	1	WORKBENCH RECEPTACLES			
			55	56	15	1	WORKBENCH RECEPTACLES			
MECHANICAL CONTROLS	15	1	57	58						
EXIT LIGHTS	15	1	59	60						

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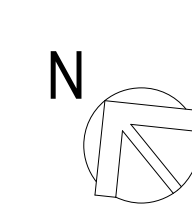



Public Works and
Government Services
Canada

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Services gouvernementaux
Canada


REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

KEY PLAN

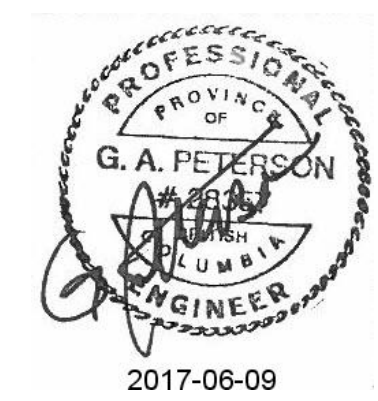




Project No:
161-14582



Project No.: 161-14582-00



0	ISSUED FOR TENDER	2017-06-09
Revision Sequence	Description/Description	Date/Date

Client/client

TRANSPORT CANADA

Operations and Technical Services
#820 - 800 Burrard St.
Vancouver, BC V6Z 2J8

Project title/Titre du projet

PORT HARDY AIRPORT
EQUIPMENT MAINTENANCE
BUILDING

3675 BYNG ROAD
PORT HARDY, BC V0N 2P0

Consultant Signature Box Only

Designed by/Concept par
Designer

Approved by/Approuvée par
Approver

Drawn by/Dessiné par
Author

PWOSC, Project Manager/Administrateur de Projets TPSGC
JIMMY WONG

PWOSC, Regional Manager, Architectural and Engineering,
Gestionnaire régionale, Services d'architectural et de génie,
OREST KLUFAS

Drawing title/Titre du dessin

SINGLE LINE
DIAGRAM

Project No./No. du projet	Sheet Feuille	Revision Lg Révision no.
R.077016.001	E-300	0

