

PACIFIC FORESTRY CENTRE LIGHTING AND POWER DISTRIBUTION UPGRADE

LEGEND - SINGLE LINE & SCHEMATIC DIAGRAMS			
NOT ALL SYMBOLS MAY APPEAR ON DRAWINGS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	H.V. CABLE STRESS CONE TERMINATION		CONTROL FUSE
	CABLE SIDE		INDICATING INSTRUMENT: V = VOLTMETER A = AMMETER Hz = FREQUENCY METER kW = KILOWATT METER SS = SYNCHROSCOPE
	INCOMING UTILITY CONNECTION		V.M. = VOLT METER SWITCH A.S. = AMMETER SWITCH
	ULTIMATE AVAILABLE FAULT LEVEL (RMS SYM)		M.F.P.R. = MULTI FUNCTIONAL PROTECTION RELAY
	PRESENT AVAILABLE FAULT LEVEL (RMS SYM)		U.P.M. = UTILITY POWER METER
	SHORT CIRCUIT RATING OF EQUIPMENT		PANEL A
	LV CIRCUIT BREAKER (MOLDED CASE)		GROUND
	LV CIRCUIT BREAKER (DRAWOUT)		STUB-OUT FOR CONDUIT; OR INSULATED END FOR SPARE CABLE OR CONTROL WIRING
	INSULATED CASE CIRCUIT BREAKER ELECTRICALLY OPERATED FOR REMOTE OR LOCAL (MANUAL) TRIP AND CLOSE		TRANSFORMER
	BREAKER AUX CONTACTS		POTENTIAL TRANSFORMER
	BREAKER KEY INTERLOCK (# INDICATES KEY MATCH)		CURRENT TRANSFORMER
	BREAKER TRIP UNIT RATING (NOTE 2)		ZERO SEQUENCE CURRENT TRANSFORMER
	DRAWOUT CELL		PRIMARY SYSTEM/H.V. BUS/CABLE
	HV CIRCUIT BREAKER LETTER DESIGNATIONS IF USED: VAC: VACUUM		INTERMEDIATE SYSTEM/H.V./M.V. BUS/CABLE
	LIGHTNING ARRESTOR/SURGE ARRESTOR		SECONDARY SYSTEM 600V AND LOWER BUS/CABLE
	POWER DISCONNECT SWITCH		600V BUSDUCT
	LOAD BREAK SWITCH		MECHANICAL INTERLOCK
	FUSED CUTOFF (POLE MOUNTED)		ELECTRICAL AND/OR MECHANICAL INTERLOCK
	FUSED SWITCH		CABLE LABELS OR
	EARTHING/SAFETY GROUNDING SWITCH		ATS 1000A AUTOMATIC TRANSFER SWITCH
	LIVE LINE INDICATOR		

NOTES:
1. FOR DETAILED DESCRIPTION OF DEVICE AND SUFFIX LETTERS TO BE USED WITH FUNCTION NUMBERS, SEE ANSI/IEEE C37.2.

ABBREVIATIONS:
GRS - GALVANIZED RIGID STEEL CONDUIT.
RPVC - RIGID POLYVINYL CHLORIDE CONDUIT.

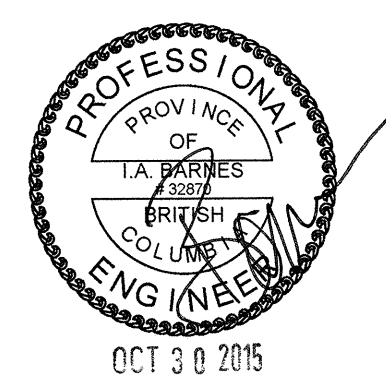
ELECTRICAL SYMBOL LEGEND	
ABBREVIATIONS	
NOTE	EQUIPMENT SHOWN DOTTED IS EXISTING AND TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE
R	EXISTING DEVICE TO BE REMOVED
RR	EXISTING DEVICE TO BE REMOVED AND RELOCATED
RE	EXISTING DEVICE IN NEW RELOCATED POSITION
RN	EXISTING DEVICE NOT TO BE REPLACED WITH NEW
LIGHTING	
	SURFACE MOUNTED LUMINAIRE
	CEILING RECESSED LUMINAIRE
	CEILING SUSPENDED LINEAR LUMINAIRE
	STRIP LIGHT
	SURFACE MOUNTED LUMINAIRE
	RECESSED DOWN LIGHT
	WALL MOUNTED DOWN LIGHT
	INFLOORINGROUND LIGHT
	PENDANT LUMINAIRE
	POLE TOP LIGHT
	PARKING LOT COBRA HEAD
	PEDESTAL MOUNTED SPOT LIGHT
	1X4 LUMINAIRE HOUSING RETROFITTED WITH WHITE POWDER COATED BLANK PANEL.
	2X4 LUMINAIRE HOUSING, HALF OF HOUSING RETROFITTED WITH LED LIGHTS, OTHER HALF IS EMPTY.
	2X4 LUMINAIRE HOUSING, RETROFITTED WITH WHITE POWDER COATED BLANK PANEL.
	2X2 RECESSED LUMINAIRE
	RECESSED SQUARE LUMINAIRE
	SINGLE POLE TOGGLE SWITCH, GANGED AS SHOWN
	LOW VOLTAGE SWITCH, GANGED AS SHOWN
	THREE WAY TOGGLE SWITCH
	OCCUPANCY SENSOR, CEILING MOUNTED
	OCCUPANCY SENSOR, WALL MOUNTED
	VACANCY SENSOR, WALL MOUNTED
	DIMMER SWITCH
	TIME CLOCK
	MULTIPLE GANGED SWITCHES
	PHOTOCELL
	EXIT SIGN - ARROWS AS INDICATED
	PANELBOARD

DRAWING LIST

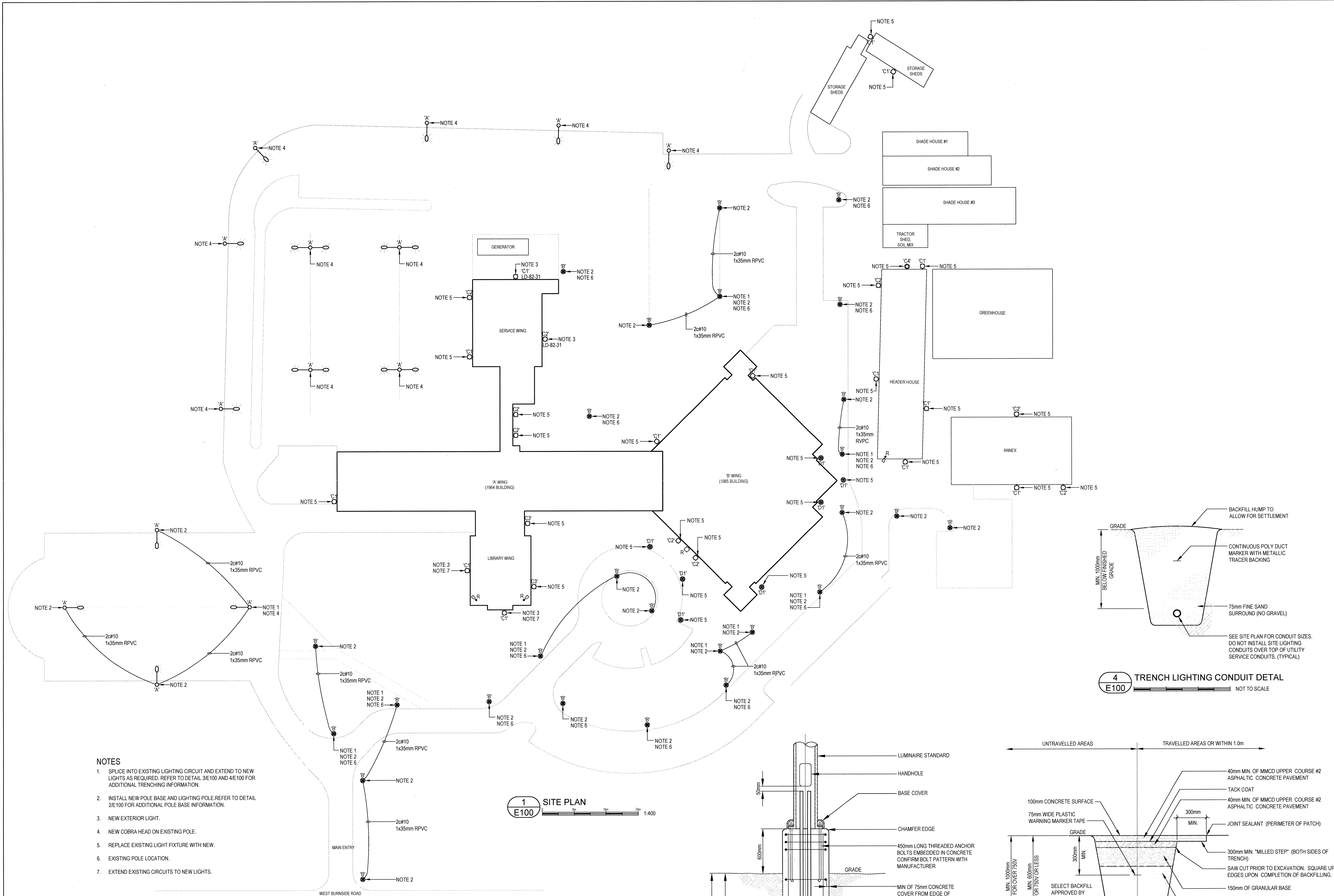
E000	COVER SHEET, LEGEND AND DRAWINGS LIST
E100	REVISED OUTDOOR LIGHTING
E101	EXISTING SINGLE LINE DIAGRAM - NORMAL POWER
E102	EXISTING SINGLE LINE DIAGRAM - EMERGENCY POWER
E103	REVISED SINGLE LINE DIAGRAM - NORMAL POWER
E104	REVISED SINGLE LINE DIAGRAM - EMERGENCY POWER
E105	PANEL SCHEDULES - 1 OF 6
E106	PANEL SCHEDULES - 2 OF 6
E107	PANEL SCHEDULES - 3 OF 6
E108	PANEL SCHEDULES - 4 OF 6
E109	PANEL SCHEDULES - 5 OF 6
E110	PANEL SCHEDULES - 6 OF 6
E111	LUMINAIRE SCHEDULE
E112	GENERATOR LOAD BANK SITE PLAN AND DETAILS
E200	EXISTING PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E201	EXISTING PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E202	EXISTING PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E203	EXISTING PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E204	EXISTING PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
E205	EXISTING PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
E206	EXISTING PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT
E207	EXISTING PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT
E208	EXISTING PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT
E209	EXISTING PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT
E300	REVISED PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E301	REVISED PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E302	REVISED PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E303	REVISED PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E304	REVISED PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
E305	REVISED PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
E306	REVISED PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT
E307	REVISED PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT
E308	REVISED PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT
E309	REVISED PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT
E400	HEADERHOUSE LIGHTING AND POWER LAYOUT
E500	ANNEX LIGHTING AND POWER LAYOUT

PROJECT SCOPE NOTES

- ALL EXIT LIGHTS ARE TO BE RETAINED, THE REPLACEMENT OF EXIT LIGHTS IS BEYOND THE SCOPE OF THIS PROJECT.

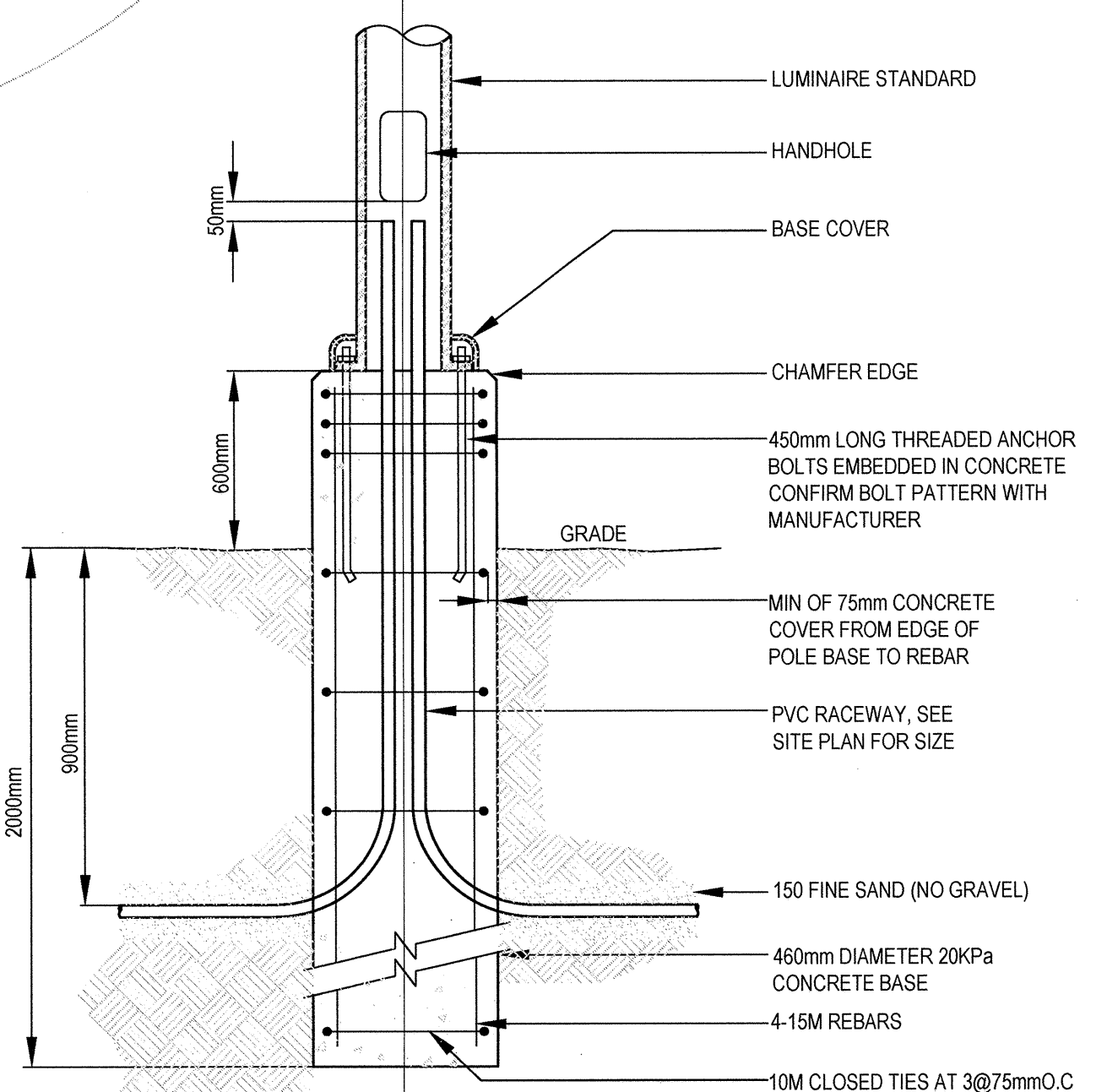
 <p>OCT 30 2015</p>		
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 90% REVIEW	SEPT 16 15
1	ISSUED FOR 30% REVIEW	AUG 28 15
Revision/Revision	Description/Description	Date/Date
Client/client		
<p>PUBLIC WORKS AND GOVERNMENT SERVICES CANADA</p> <p>506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5</p>		
Project title/Titre du projet		
<p>PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE</p> <p>Lighting & Power Distribution Upgrade</p>		
Consultant Signature Box Only		
Designed by/Concept par		
IAB		
Drawn by/Dessine par		
JB / NH		
PWGSC Project Manager/Administrateur de Projets TPSGC		
Jamie LeBlanc		
PWGSC Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architecture et de génie, TPSGC		
Preétipal Paul		
Drawing title/Titre du dessin		
<p>COVER SHEET, LEGENDS AND DRAWING LIST</p>		
Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.076284.001	E000	3
	OF	



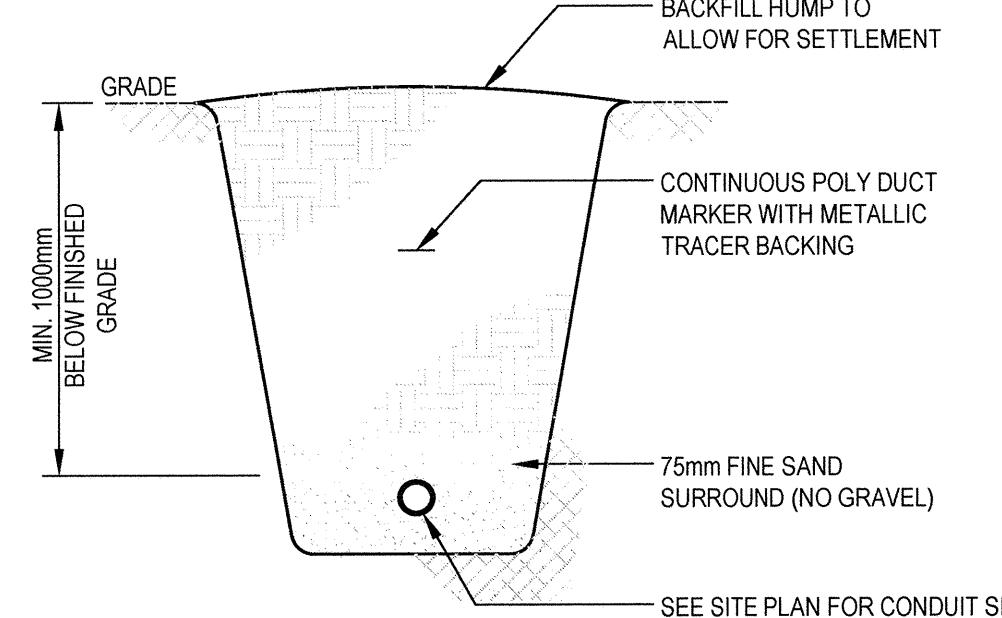


- NOTES**
1. SPLICE INTO EXISTING LIGHTING CIRCUIT AND EXTEND TO NEW LIGHTS AS REQUIRED. REFER TO DETAIL 3E100 AND 4E100 FOR ADDITIONAL TRENCHING INFORMATION.
 2. INSTALL NEW POLE BASE AND LIGHTING POLE. REFER TO DETAIL 2E100 FOR ADDITIONAL POLE BASE INFORMATION.
 3. NEW EXTERIOR LIGHT.
 4. NEW COBRA HEAD ON EXISTING POLE.
 5. REPLACE EXISTING LIGHT FIXTURE WITH NEW.
 6. EXISTING POLE LOCATION.
 7. EXTEND EXISTING CIRCUITS TO NEW LIGHTS.

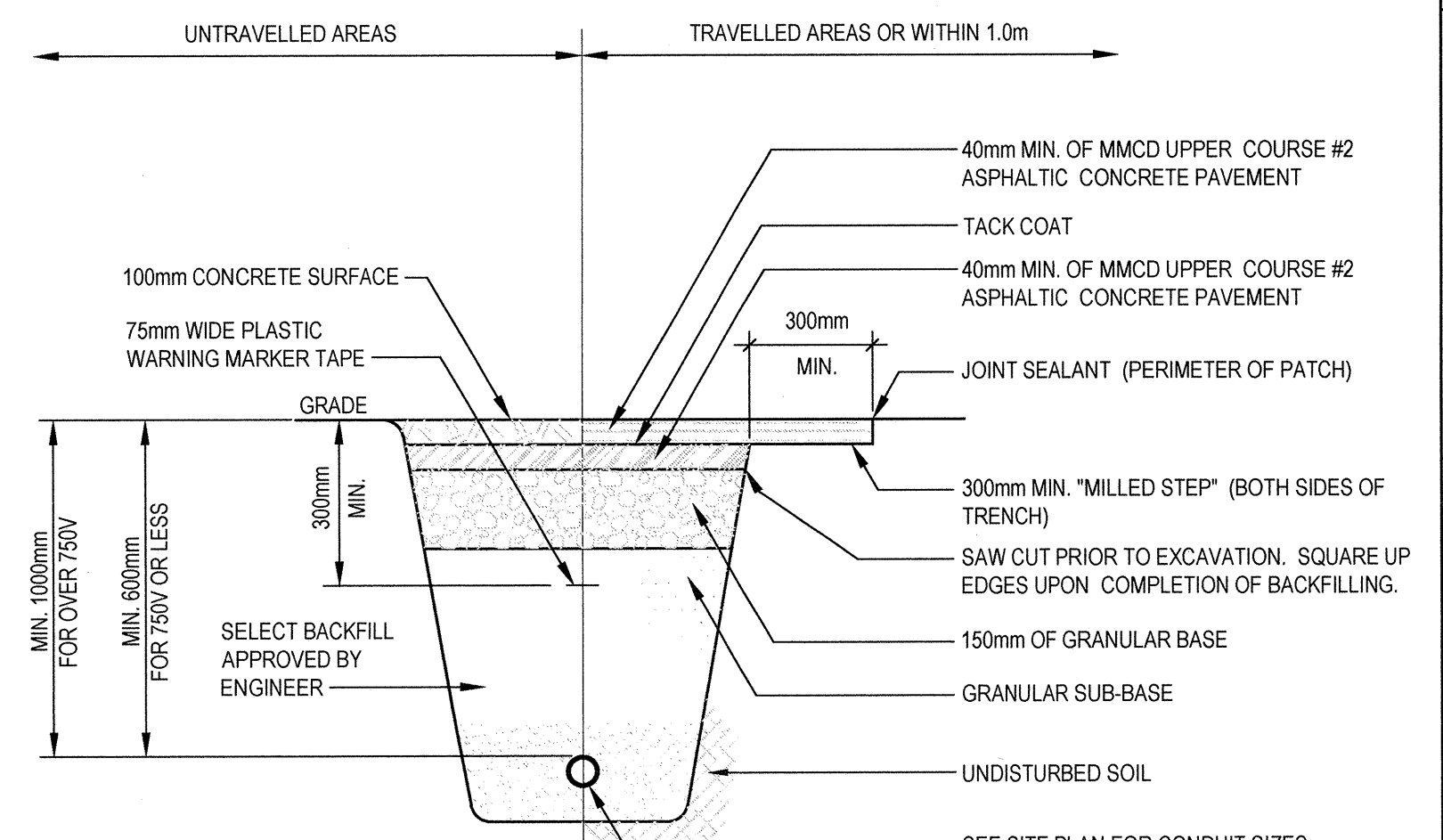
1 SITE PLAN
E100 1:400



2 POLE BASE DETAIL
E100 NOT TO SCALE

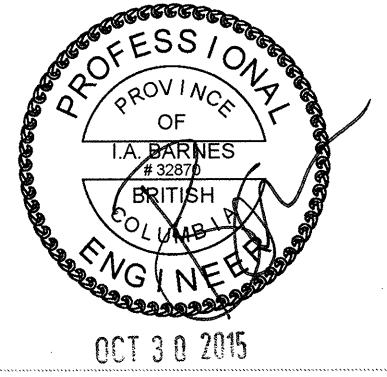


4 TRENCH LIGHTING CONDUIT DETAIL
E100 NOT TO SCALE



- NOTES**
1. ALL BEDDING AND MATERIAL USED FOR BACKFILL SHALL BE COMPACTED IN 300mm LAYERS TO MIN. 95% STANDARD PROCTOR DENSITY.
 2. UNDER ROADS AND WALKWAYS, BACKFILL SHALL BE PIT RUN GRAVEL.
 3. ROCK TRENCHES SHALL BE EXCAVATED 150mm BELOW PIPE BOTTOM AND FILLED WITH PIT RUN GRAVEL COMPACTED TO 95% STANDARD PROCTOR DENSITY.
 4. ALL TRENCHES AND EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND REGULATIONS OF THE WORKERS COMPENSATION BOARD.

3 TRENCH LIGHTING CONDUIT DETAIL
E100 NOT TO SCALE



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 85% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE

Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par IAB
Drawn by/Dessiné par JB / NH
PWGSC Project Manager/Administrateur de Projets TPSGC Jamie LeBlanc
PWGSC Regional Manager, Architectural and Engineering Services/Gestionnaire régionale, Services d'architectural et de génie, TPSGC Preetpal Paul

Revised Outdoor Lighting

Project No./No. du projet R.076284.001	Sheet/Fauille E100 OF	Revision no./ La Révision no. 3
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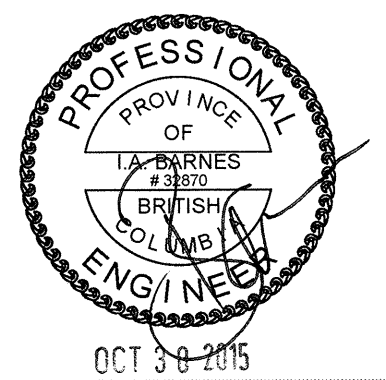
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KEYPLAN



PROJECT NORTH



OCT 3 2015

Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 90% REVIEW	SEPT 16, 15
1	ISSUED FOR 33% REVIEW	AUG 28, 15

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

Project title/Titre du projet

PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE

Lighting & Power Distribution Upgrade

Consultant Signature Box Only

Designed by/Concept par IAB

Drawn by/Dessiné par JB / NH

PWGSC Project Manager/Administrateur de Projets TPSOC Jamie LeBlanc

PWGSC, Regional Manager, Architectural and Engineering Services / Gestionnaire régionale, Services d'architectural et de génie, TPSOC Freetrail Paul

Drawing title/Titre du dessin

EXISTING SINGLE LINE DIAGRAM EMERGENCY POWER

Project No./No. du projet

R.076284.001

Sheet/Feuille

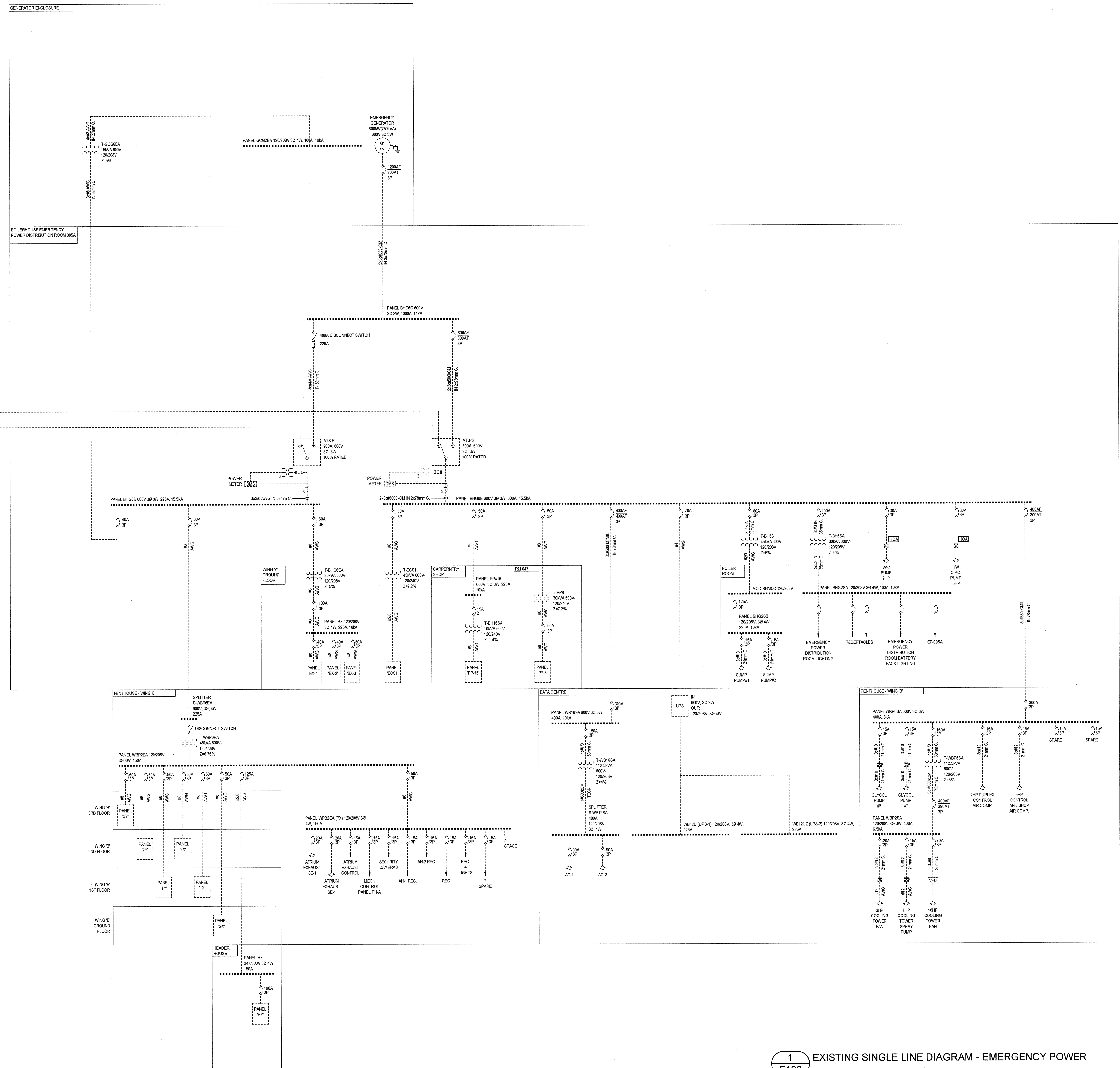
E102

OF

Revision no./

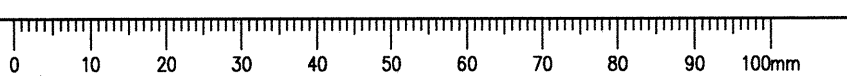
La Révision no.

3



1 EXISTING SINGLE LINE DIAGRAM - EMERGENCY POWER

E102 NOT TO SCALE





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KEYPLAN



PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	2	15
EXISTING	15	1	03	04		
EXISTING	15	1	05	06	2	60
EXISTING	15	1	07	08		
EXISTING	15	2	09	10	2	15
			11	12		
EXISTING	15	1	13	14	2	15
EXISTING	15	1	15	16		
EXISTING	15	1	17	18	1	15
EXISTING	15	1	19	20	1	15
EXISTING	15	1	21	22	1	15
EXISTING	15	1	23	24	1	15
EXISTING	15	1	25	26	1	15
EXISTING	15	1	27	28	1	15
EXISTING	15	1	29	30	1	15
EXISTING	15	1	31	32	1	15
EXISTING	15	1	33	34	2	30
EXISTING	15	1	35	36		
EXISTING	15	1	37	38	3	100
EXISTING	15	1	39	40		
EXISTING	15	1	41	42		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	1	15
EXISTING	15	1	11	12	1	15
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EXISTING	15	1	17	18	1	15
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EXISTING	15	1	25	26	1	15
EXISTING	15	1	27	28	1	15
EXISTING	15	1	29	30	1	15
EXISTING	15	1	31	32	1	15
EXISTING	15	1	33	34	1	15
			35	36		
			37	38		
			39	40		
			41	42		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	100	3	01	02	3	15
			03	04		
			05	06		
EXISTING	15	3	07	08	3	15
			09	10		
			11	12		
			13	14		
			15	16		
			17	18		
			19	20		
			21	22		
			23	24		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	3	01	02	3	15
			03	04		
			05	06		
EXISTING	15	3	07	08	3	15
			09	10		
			11	12		
EXISTING	15	3	13	14	3	15
			15	16		
			17	18		
EXISTING	15	3	19	20	3	15
			21	22		
			23	24		
EXISTING	100	3	25	26		
			27	28		
			29	30		
EXISTING	100	3	31	32	3	100
			33	34		
			35	36		
			37	38	3	100
			39	40		
			41	42		
EXISTING	100	3	43	44	3	100
			45	46		
			47	48		
			49	50		
			51	52		
			53	54		
			55	56		
			57	58		
			59	60		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	1	15
EXISTING	15	1	11	12	1	15
EXISTING	15	1	13	14	1	15
EXISTING	15	1	15	16	1	15
EXISTING	15	2	17	18	1	15
			19	20		
EXISTING	15	1	21	22	1	15
EXISTING	15	1	23	24	1	15
EXISTING	15	2	25	26	1	15
			27	28		
EXISTING	15	2	29	30	1	15
EXISTING	30	2	33	34	1	20
EXISTING	15	1	37	38		
EXISTING	15	1	39	40		
EXISTING	15	1	41	42		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	3	20
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EXISTING	15	1	23	24	1	15
EXISTING	15	2	25	26	1	15
			27	28		
EXISTING	15	2	29	30	1	15
EXISTING	31	3	31	32	3	100
EXISTING	33	3	33	34		
EXISTING	35	3	35	36		
EXISTING	37	3	37	38	3	70
EXISTING	39	4	39	40		
EXISTING	41	4	41	42		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	1	15
EXISTING	15	1	11	12	1	15
EXISTING	15	2	13	14	1	15
			15	16		
EXISTING	20	2	17	18	1	15
			19	20		
EXISTING	15	2	21	22	1	15
			23	24	1	15
EXISTING	20	2	25	26	3	20
			27	28		
			29	30		
EXISTING	50	2	31	32	1	15
			33	34		
EXISTING	15	1	33	34	1	15
EXISTING	15	1	35	36	1	40
EXISTING	100	3	37	38		
EXISTING	15	1	39	40		
EXISTING	15	1	41	42		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
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EXISTING	15	1	17	18	1	15
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EXISTING	15	1	21	22	1	15
EXISTING	15	1	23	24	1	15
EXISTING	15	2	25	26	2	15
			27	28		
EXISTING	15	3	29	30	3	15
			31	32		
			33	34		
EXISTING	15	1	35	36	3	50
EXISTING	15	1	37	38		
EXISTING	15	1	39	40		
EXISTING	15	1	41	42		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	50	3	01	02	1	15
			03	04	1	15
			05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	1	15
EXISTING	15	1	11	12	1	15
EXISTING	15	1	13	14	1	15
EXISTING	15	1	15	16	1	15
EXISTING	15	1	17	18	1	15
EXISTING	15	1	19	20	1	15
EXISTING	15	1	21	22	1	15
EXISTING	15	1	23	24	1	15
EXISTING	40	3	25	26	3	40
			27	28		
			29	30		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	2	15
EXISTING	15	1	11	12		
EXISTING	15	1	13	14	1	15
EXISTING	15	1	15	16	1	15
EXISTING	15	1	17	18	2	15
			19	20		
EXISTING	15	1	21	22	2	15
			23	24		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	1	15
EXISTING	15	1	11	12		
EXISTING	15	1	13	14	1	15
EXISTING	15	1	15	16	1	15
EXISTING	15	1	17	18	2	15
			19	20		
EXISTING	15	1	21	22	2	15
			23	24		

PANELBOARD SCHEDULE						
DESCRIPTION	BRK	POLE	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15
EXISTING	15	1	03	04	1	15
EXISTING	15	1	05	06	1	15
EXISTING	15	1	07	08	1	15
EXISTING	15	1	09	10	1	15
EXISTING	15	1	11	12	1	15
EXISTING	15	1	13	14	2	15
			15	16		
			17	18		
			19	20		
EXISTING	15	1	21	22	2</	



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PROTECT NORTH

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	1	15	EXISTING		
EXISTING	15	1	13	14	1	15	EXISTING		
EXISTING	15	1	15	16	1	15	EXISTING		
EXISTING	15	1	17	18	1	15	EXISTING		
EXISTING	15	1	19	20	1	15	EXISTING		
EXISTING	15	1	21	22	1	15	EXISTING		
EXISTING	15	1	23	24	1	15	EXISTING		
EXISTING	15	1	25	26	1	15	EXISTING		
EXISTING	15	1	27	28	1	15	EXISTING		
EXISTING	100	3	29	30					
			31	32					
			33	34					
			35	36	1	15	EXISTING		
EXISTING	90	3	37	38					
			39	40					
			41	42					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	2	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	2	05	06	1	15	EXISTING		
EXISTING	15	2	07	08					
EXISTING	15	2	09	10	2	15	EXISTING		
			11	12					
EXISTING	15	1	13	14	2	15	EXISTING		
EXISTING	15	1	15	16					
EXISTING	15	2	17	18	1	15	EXISTING		
EXISTING	15	2	19	20	1	15	EXISTING		
EXISTING	15	2	21	22	1	15	EXISTING		
EXISTING	15	1	23	24	2	30	EXISTING		
EXISTING	15	1	25	26	2	30	EXISTING		
EXISTING	15	1	27	28	2	30	EXISTING		
EXISTING	15	1	29	30					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	2	01	02					
EXISTING	15	2	03	04					
EXISTING	15	2	05	06					
EXISTING	15	2	07	08					
EXISTING	15	2	09	10					
EXISTING	15	2	11	12	1	15	EXISTING		
EXISTING	15	2	13	14	3	15	EXISTING		
EXISTING	15	1	15	16					
EXISTING	15	1	17	18					
EXISTING	15	1	19	20					
EXISTING	15	1	21	22					
EXISTING	15	1	23	24					
EXISTING	15	1	25	26					
EXISTING	15	1	27	28					
EXISTING	15	1	29	30					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	3	30	EXISTING		
EXISTING	15	1	03	04					
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	3	100	EXISTING		
EXISTING	15	1	09	10					
EXISTING	15	1	11	12					
EXISTING	15	1	13	14					
EXISTING	15	1	15	16					
EXISTING	15	1	17	18					
EXISTING	15	1	19	20					
EXISTING	15	1	21	22					
EXISTING	15	1	23	24					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	1	15	EXISTING		
EXISTING	15	1	13	14	3	15	EXISTING		
EXISTING	15	1	15	16					
EXISTING	15	1	17	18					
EXISTING	15	1	19	20					
EXISTING	15	1	21	22					
EXISTING	15	1	23	24					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	1	15	EXISTING		
EXISTING	15	3	13	14	3	15	EXISTING		
			15	16					
			17	18					
EXISTING	15	3	19	20	1	15	EXISTING		
			21	22	1	15	EXISTING		
			23	24	1	15	EXISTING		
EXISTING	15	3	25	26	3	15	EXISTING		
			27	28					
			29	30					
EXISTING	15	3	31	32	2	20	EXISTING		
			33	34					
			35	36	3	20	EXISTING		
EXISTING	15	3	37	38					
			39	40					
			41	42	1	15	EXISTING		

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	1	15	EXISTING		
EXISTING	15	1	13	14	1	15	EXISTING		
EXISTING	15	1	15	16	1	15	EXISTING		
EXISTING	15	1	17	18	1	15	EXISTING		
EXISTING	15	1	19	20	1	15	EXISTING		
EXISTING	15	1	21	22	1	15	EXISTING		
EXISTING	15	1	23	24	1	15	EXISTING		
EXISTING	15	1	25	26	3	30	EXISTING		
EXISTING	15	1	27	28					
EXISTING	15	1	29	30					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	3	50	EXISTING		
EXISTING	15	1	13	14					
EXISTING	15	1	15	16					
EXISTING	15	1	17	18	1	15	EXISTING		
EXISTING	15	1	19	20	2	50	EXISTING		
EXISTING	15	1	21	22					
			23	24					
EXISTING	30	3	25	26	3	15	EXISTING		
			27	28					
			29	30					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	2	30	EXISTING		
EXISTING	15	1	13	14					
EXISTING	15	1	15	16					
EXISTING	15	1	17	18					
EXISTING	15	1	19	20					
EXISTING	15	1	21	22					
EXISTING	15	1	23	24					
EXISTING	20	2	15	16					
			17	18					
			19	20					
			21	22					
			23	24					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	1	15	EXISTING		
EXISTING	15	1	11	12	2	30	EXISTING		
EXISTING	15	1	13	14					
EXISTING	15	1	15	16					
EXISTING	15	1	17	18					
EXISTING	15	1	19	20					
EXISTING	15	1	21	22					
EXISTING	15	1	23	24					

PANELBOARD SCHEDULE									
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	1	09	10	2	30	EXISTING		
EXISTING	15	1	11	12	2	30	EXISTING		
EXISTING	15	1	13	14					
EXISTING	15	1	15	16					
EXISTING	15	1	17	18					
EXISTING	15	1	19	20					
EXISTING	15	1	21	22					
EXISTING	15	1							



KEYPLAN



PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-67													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	2	30	EXISTING							
EXISTING	15	1	11	12			EXISTING							
EXISTING	15	1	13	14	2	30	EXISTING							
EXISTING	15	1	15	16			EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20			EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-68													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	2	30	EXISTING							
EXISTING	15	1	11	12			EXISTING							
EXISTING	15	1	13	14	2	70	EXISTING							
EXISTING	15	1	15	16			EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20			EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-69													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	20	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	30	EXISTING							
EXISTING	15	1	07	08	1	30	EXISTING							
EXISTING	15	1	09	10	1	20	EXISTING							
EXISTING	15	1	11	12	1	15	EXISTING							
EXISTING	15	1	13	14	1	15	EXISTING							
EXISTING	15	1	15	16	2	15	EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20			EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

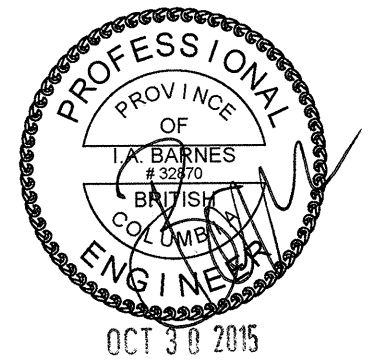
PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-70													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	1	15	EXISTING							
EXISTING	15	1	11	12	2	30	EXISTING							
EXISTING	15	1	13	14			EXISTING							
EXISTING	15	1	15	16	1	15	EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20			EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-71													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	1	15	EXISTING							
EXISTING	15	1	11	12	1	15	EXISTING							
EXISTING	15	1	13	14			EXISTING							
EXISTING	15	1	15	16	1	15	EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20			EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-72													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	2	30	EXISTING							
EXISTING	15	1	11	12			EXISTING							
EXISTING	15	1	13	14	2	30	EXISTING							
EXISTING	15	1	15	16			EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20			EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-73													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	24													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	1	15	EXISTING							
EXISTING	15	1	11	12	1	15	EXISTING							
EXISTING	15	1	13	14	1	15	EXISTING							
EXISTING	15	1	15	16	1	15	EXISTING							
EXISTING	15	1	17	18			EXISTING							
EXISTING	15	1	19	20	1	15	EXISTING							
EXISTING	15	1	21	22			EXISTING							
EXISTING	15	1	23	24			EXISTING							

PANELBOARD SCHEDULE														
JOB NO./NAME	1-15-122/Pacific Forestry Centre Lighting & Power Distribution Upgrade													
PANEL	EXISTING LP-74													
SYSTEM	12000V, 3PH, 4W													
TYPE	COP													
LOCATION	WING 'A' LEVEL 1 HALLWAY													
MOUNTING	FLUSH													
NO. CIRCUITS	30													
BUS SIZE	100A													
SYM. FAULT RATING	10kAIC													
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION
EXISTING	15	1	01	02	1	15	EXISTING							
EXISTING	15	1	03	04	1	15	EXISTING							
EXISTING	15	1	05	06	1	15	EXISTING							
EXISTING	15	1	07	08	1	15	EXISTING							
EXISTING	15	1	09	10	1	15	EXISTING							
EXISTING	15	1	11	12	1	15	EXISTING							
EXISTING	15	1	13	14	1	15	EXISTING							
EXISTING	15	1	15	16	1	15	EXISTING							
EXISTING	15	1	17	18	1	15	EXISTING							
EXISTING	15	1	19	20	1	15	EXISTING							
EXISTING	15	1	21	22	2	15	EXISTING							
EXISTING	15	1	23	24			EXISTING							
EXISTING	15	1	25	26			EXISTING							
EXISTING	15	1	27	28		</								



Revision/	Description/	Date/Date
3	ISSUED FOR TENDER	OCT.30.15
2	ISSUED FOR 90% REVIEW	SEPT.16.15
1	ISSUED FOR 33% REVIEW	AUG.28.15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWGSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSGC
Preestpal Paul

Drawing title/Titre du dessin
**PANEL SCHEDULES
6 OF 6**

Project No./No. du projet R.076284.001	Sheet/Feuille E110 OF	Revision no./ La Révision no. 3
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PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING PP-16								
SYSTEM	600V, 3PH, 3W								
TYPE	CDP								
LOCATION	BOLER HOUSE LEVEL 1 CARPENTRY SHOP								
MOUNTING	SURFACE								
NO. CIRCUITS	24								
BUS SIZE	225A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	3	01	02	3	15	EXISTING		
			03	04					
			05	06					
EXISTING	15	3	07	08	3	15	EXISTING		
			09	10					
			11	12					
EXISTING	15	3	13	14	3	15	EXISTING		
			15	16					
			17	18					
EXISTING	15	3	19	20	3	15	EXISTING		
			21	22					
			23	24					

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING PP-17								
SYSTEM	600V, 3PH, 3W								
TYPE	CDP								
LOCATION	WING 'A' GROUND LEVEL ROOM 040								
MOUNTING	SURFACE								
NO. CIRCUITS	30								
BUS SIZE	400A								
SYM. FAULT RATING	22KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	30	3	01	02	3	30	EXISTING		
			03	04					
			05	06					
EXISTING	30	3	07	08	3	30	EXISTING		
			09	10					
			11	12					
			13	14	3	30	EXISTING		
			15	16					
			17	18					
EXISTING	60	3	19	20	3	60	EXISTING		
			21	22					
			23	24					
EXISTING	60	3	25	26	3	20	EXISTING		
			27	28					
			29	30					

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING PP-18								
SYSTEM	120/240V, 1PH, 3W								
TYPE	CDP								
LOCATION	WING 'A' GROUND LEVEL ROOM 040								
MOUNTING	SURFACE								
NO. CIRCUITS	16								
BUS SIZE	200A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	20	1	01a	02a	1	20	EXISTING		
			03a	04a	1	20	EXISTING		
EXISTING	20	1	03a	04a	1	20	EXISTING		
			05a	06a	1	20	EXISTING		
EXISTING	20	1	05a	06a	1	20	EXISTING		
			07a	08a	1	20	EXISTING		
EXISTING	20	1	07a	08a	1	20	EXISTING		
			09a	10a	1	20	EXISTING		
EXISTING	20	1	09a	10a	1	20	EXISTING		
			11a	12a	1	15	EXISTING		
EXISTING	15	1	11a	12a	1	15	EXISTING		
			13a	14a	1	15	EXISTING		
EXISTING	15	1	13a	14a	1	15	EXISTING		
			15a	16a	1	15	EXISTING		
EXISTING	15	1	15a	16a	1	15	EXISTING		
			17a	18a	1	15	EXISTING		
EXISTING	15	1	17a	18a	1	15	EXISTING		
			19a	20a	3	20	EXISTING		
EXISTING	30	1	19a	20a	3	20	EXISTING		
			21a	22a	1	15	EXISTING		
EXISTING	15	1	21a	22a	1	15	EXISTING		
			23a	24a					
EXISTING	15	1	23a	24a			EXISTING		
			25a	26a					
EXISTING	15	1	25a	26a			EXISTING		
			27a	28a					
EXISTING	15	1	27a	28a			EXISTING		
			29a	30a					
EXISTING	15	1	29a	30a			EXISTING		

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING PP-19								
SYSTEM	120/240V, 3PH, 4W								
TYPE	CDP								
LOCATION	WING 'A' GROUND LEVEL ROOM 041								
MOUNTING	SURFACE								
NO. CIRCUITS	24								
BUS SIZE	100A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	15	3	09	10	1	15	EXISTING		
			11	12	1	30	EXISTING		
			13	14	1	15	EXISTING		
EXISTING	15	2	15	16	1	15	EXISTING		
EXISTING	30	1	19	20	3	20	EXISTING		
EXISTING	30	1	21	22			EXISTING		
EXISTING	30	1	23	24			EXISTING		

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING QR								
SYSTEM	120/240V, 3PH, 4W								
TYPE	CDP								
LOCATION	WING 'A' GROUND LEVEL QUARANTINE 081								
MOUNTING	SURFACE								
NO. CIRCUITS	30								
BUS SIZE	225A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	EXISTING		
EXISTING	15	1	03	04	1	15	EXISTING		
EXISTING	15	1	05	06	1	15	EXISTING		
EXISTING	15	1	07	08	1	15	EXISTING		
EXISTING	20	2	09	10	2	15	EXISTING		
			11	12					
EXISTING	15	1	13	14	2	20	EXISTING		
EXISTING	15	1	15	16			EXISTING		
EXISTING	15	1	17	18			EXISTING		
EXISTING	30	3	19	20			EXISTING		
			21	22					
			23	24					
EXISTING	15	1	25	26			EXISTING		
EXISTING	20	2	27	28			EXISTING		
			29	30					

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING SS								
SYSTEM	120/240V, 3PH, 4W								
TYPE	CDP								
LOCATION	WING 'A' PENTHOUSE								
MOUNTING	SURFACE								
NO. CIRCUITS	18								
BUS SIZE	225A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	60	3	01	02	2	20	EXISTING		
			03	04					
			05	06	1	15	EXISTING		
EXISTING	90	3	07	08			EXISTING		
			09	10					
			11	12					
EXISTING	15	1	13	14			EXISTING		
EXISTING	15	1	15	16			EXISTING		
EXISTING	30	3	19	20			EXISTING		
			21	22					
			23	24					
EXISTING	15	1	25	26			EXISTING		
EXISTING	15	1	13	14			EXISTING		
EXISTING	15	1	15	16			EXISTING		

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING SH#								
SYSTEM	120/240V, 1PH, 3W								
TYPE	CDP								
LOCATION	SHADE HOUSE #1								
MOUNTING	SURFACE								
NO. CIRCUITS	24								
BUS SIZE	100A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02					
EXISTING	15	1	03	04					
EXISTING	15	1	05	06					
EXISTING	15	1	07	08					
EXISTING	15	1	09	10					
EXISTING - GFCI	15	1	11	12					
			13	14					
			15	16					
			17	18					
			19	20					
			21	22					
			23	24					

PANELBOARD SCHEDULE									
JOB NO./NAME	1-15-122Pacific Forestry Centre Lighting & Power Distribution Upgrade								
PANEL	EXISTING SH#								
SYSTEM	120/240V, 1PH, 3W								
TYPE	CDP								
LOCATION	SHADE HOUSE #3								
MOUNTING	SURFACE								
NO. CIRCUITS	24								
BUS SIZE	100A								
SYM. FAULT RATING	10KAC								
DESCRIPTION	BRK	POLE	CCT	CCT	POLE	BRK	DESCRIPTION		
EXISTING	15	1	01	02	1	15	BREAKER		
EXISTING	15	1	03	04	1	15	BREAKER		
EXISTING	15	1	05	06	1	15	BREAKER		
EXISTING	15	1	07	08	1	1			

GENERAL NOTES:
1. REPLACE EXISTING DIFFUSERS ON ALL RETROFITTED FIXTURES.

LUMINAIRE SCHEDULE (ALL NEW FIXTURES TO BE 120V/240V UNLESS NOTED OTHERWISE)											
TYPE	EXISTING FIXTURE PICTURES	EXISTING FIXTURE MODEL NUMBERS	EXISTING FIXTURE APPROXIMATE DIMENSIONS (H x W x D)	EXAMPLE REPLACEMENT FIXTURE PICTURES	REPLACEMENT FIXTURE PERFORMANCE REQUIREMENTS	TYPE	EXISTING FIXTURE PICTURES	EXISTING FIXTURE MODEL NUMBERS	EXISTING FIXTURE APPROXIMATE DIMENSIONS (H x W x D)	EXAMPLE REPLACEMENT FIXTURE PICTURES	REPLACEMENT FIXTURE PERFORMANCE REQUIREMENTS
A		UNKNOWN	UNKNOWN		8600 LUMEN, 4000K, 70CRI LED DIE CAST ALUMINUM IP66 RATED COBRA HEAD LIGHT FIXTURE WITH IES TYPE II ROADWAY DISTRIBUTION. MARINE GRADE CORROSION RESISTANT HOUSING. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. FIXTURE HOUSING COLOUR TO MATCH EXISTING POLES. SUITABLE FOR OPERATION AT -20°C.	T2		LIGHTOLIER 33454	280mm x 380mm		2000 LUMEN, 3000K, 80CRI LED POT LIGHT RETROFIT KIT. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
B		LIGHTSCAPE FAA-7511	460mm Ø GLOBE		5000 LUMEN, 4000K, 70CRI LED SPUN ALUMINUM IP66 RATED POLE TOP LIGHT FIXTURE WITH IES TYPE II DISTRIBUTION. MARINE GRADE CORROSION RESISTANT HOUSING. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. FIXTURE HOUSING COLOUR TO MATCH EXISTING POLES.	T3		LIGHTOLIER 1106-10	160mm x 156mm		1400 LUMEN, 3000K, 80CRI LED RECESSED DOWNLIGHT, WIDE DISTRIBUTION PATTERN (1.2 SHIM) WITH POLYCARBONATE LENS. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. APERTURE ACCESSIBLE LIGHT ENGINEER AND DRIVER.
C1		UNKNOWN	UNKNOWN		4500 LUMEN, 4000K, 70CRI LED DIE CAST ALUMINUM IP66 BUILDING MOUNTED FIXTURE WITH IES TYPE II DISTRIBUTION. CORROSION RESISTANT HOUSING WITH MOLDED ACRYLIC LENS. L80 AT MINIMUM 100,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. SUITABLE FOR OPERATION AT -20°C.	T4		IP LIGHTING IP53-600430 IP LIGHTING IP54-600330	101mm x 92mm 92mm x 73mm		500 LUMEN, 3000K, 80CRI LED RECESSED DOWNLIGHT, 60° BEAM ANGLE. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
C2		UNKNOWN	UNKNOWN		2200 LUMEN, 5000K, 85CRI LED DIE CAST ALUMINUM IP66 BUILDING MOUNTED FIXTURE. CORROSION RESISTANT HOUSING WITH MOLDED POLYCARBONATE LENS. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. SUITABLE FOR OPERATION AT -20°C.	T5		LIGHTOLIER 1106-10 LIGHTOLIER FRM-7002 LIGHTOLIER FRM-1002	180mm x 156mm 188mm x 305mm 153mm x 156mm		600 LUMEN, 3000K, 80CRI LED POT LIGHT RETROFIT KIT. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
C3		UNKNOWN	UNKNOWN		400 LUMEN, 3000K, 80CRI LED MACHINED ALUMINUM IP66 BUILDING MOUNTED FIXTURE. CORROSION RESISTANT HOUSING. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. SUITABLE FOR OPERATION AT -20°C.	U1		BAS ELECTRICAL BSH-240	1220mm x 606mm x 115mm		2000 LUMEN, 3500K, 80CRI LED 1x4 SURFACE MOUNTED TROFFER RETROFIT KIT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
C4		UNKNOWN	UNKNOWN		600 LUMEN, 3000K, 80CRI LED DIE CAST ALUMINUM IP66 BUILDING MOUNTED FIXTURE. CORROSION RESISTANT HOUSING. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. SUITABLE FOR OPERATION AT -20°C.	U2		BAS ELECTRICAL BSH-240	1220mm x 606mm x 115mm		3000 LUMEN, 3500K, 80CRI LED 1x4 SURFACE MOUNTED TROFFER RETROFIT KIT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
D		PRESCOLITE 519FG	383mm Ø x 151mm		10,000 LUMEN, 3000K, 85CRI LED DIE CAST ALUMINUM IP66 IN GRADE FIXTURE. CORROSION RESISTANT HOUSING. L80 AT MINIMUM 100,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. SUITABLE FOR OPERATION AT -20°C.	V1		BAS ELECTRICAL BSH-240	1220mm x 610mm x 140mm		2000 LUMEN, 3500K, 80CRI LED 1x4 RECESSED TROFFER RETROFIT KIT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
D1		PRESCOLITE 519FG	383mm Ø x 151mm		5000 LUMEN, 3000K, 85CRI LED DIE CAST ALUMINUM IP66 IN GRADE FIXTURE. CORROSION RESISTANT HOUSING. L80 AT MINIMUM 100,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. SUITABLE FOR OPERATION AT -20°C.	V2		BAS ELECTRICAL BSH-240	1220mm x 610mm x 140mm		3000 LUMEN, 3500K, 80CRI LED 1x4 RECESSED TROFFER RETROFIT KIT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
F		PRESCOLITE 5347-56 LUM LIGHT	306mm X 284mm X 102mm		1500 LUMEN, 3000K, 80CRI LED RECESSED STEP LIGHT FIXTURE SUITABLE FOR INTERIOR AND EXTERIOR WET LOCATIONS. MARINE GRADE CORROSION RESISTANT HOUSING. L70 AT MINIMUM 70,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	V3		NA	NA		2000 LUMEN, 3500K, 80CRI LED 1x4 LED TROFFER LIGHT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
G1		PEERLESS LACH 2x4, YORK MXP 2x4, LITHONIA GTS 2x4	1213mm X 603mm X 108mm, 1200mm X 600mm X 122mm, 1218mm X 610mm X 81mm		3000 LUMEN, 3500K, 80CRI LED 2x4 TROFFER RETROFIT KIT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	V4		LIGHTOLIER 11538	1220mm x 230mm		2x2000 LUMEN, 3500K, 80CRI LED 4x4 RECESSED TROFFER RETROFIT KIT. L80 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY. REPLACE EXISTING INTERNAL LAMPS IN HOUSING WITH TWO LED RETROFIT KITS.
H		DAY-BRITE WR1241 UNKNOWN	UNKNOWN		3000 LUMEN, 3500K, 80CRI LED 1x4 SURFACE MOUNTED VAPOR PROOF STRIP LIGHT, CW POLYCARBONATE COVER AND SUITABLE FOR OPERATIONS UP TO 40°C. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	W1		UNKNOWN	UNKNOWN		300 LUMEN, 3000K, 80CRI LED TRACK LIGHT HEAD. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
I1		MID-DAY LIGHTING LMG-240-RS-387 YORK LITHONIA T8-1-32-120 BAS ELECTRICAL M140-RS YORK MP-248, MP128 PACIFIC PHOTON J-10110-4	1200mm X 98.5mm X 63.5mm, 1218mm X 53mm X 56mm, UNKNOWN, 1178mm X 68mm X 104mm, 1220mm X 111mm X 78mm		3000 LUMEN, 3000K, 80CRI LED SUSPENDED 4' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	W2		UNKNOWN	UNKNOWN		2000 LUMEN, 3000K, 80CRI LED TRACK LIGHT HEAD. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
I2		YORK LITHONIA T8-1-32-120 BAS ELECTRICAL M140-RS YORK MP-248, MP128 PACIFIC PHOTON J-10110-4	1218mm X 53mm X 56mm, UNKNOWN, 1178mm X 68mm X 104mm, 1220mm X 111mm X 78mm		3000 LUMEN, 3000K, 80CRI LED CEILING MOUNTED 4' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	W3		NA	NA		500 LUMEN, 3000K, 80CRI LED SURFACE MOUNTED DIMMABLE ADJUSTABLE LED LIGHT HEAD. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.
I3		MID-DAY LIGHTING LMG-240-RS-387 YORK LITHONIA T8-1-32-120 BAS ELECTRICAL M140-RS YORK MP-248, MP128 PACIFIC PHOTON J-10110-4	1200mm X 98.5mm X 63.5mm, 1218mm X 53mm X 56mm, UNKNOWN, 1178mm X 68mm X 104mm, 1220mm X 111mm X 78mm		5000 LUMEN, 3000K, 80CRI LED SUSPENDED 4' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	X		UNKNOWN	UNKNOWN		80W OR 100W INCANDESCENT REPLACEMENT LED BULB CW INTERNAL DRIVER. COMPATIBLE WITH EDISON SCREW STYLE BASE (E26). L70 AT MINIMUM 25,000 HOURS. CLEAN FIXTURE COVER DURING REPLACEMENT IF APPLICABLE.
I4		YORK LITHONIA T8-1-32-120 BAS ELECTRICAL M140-RS YORK MP-248, MP128 PACIFIC PHOTON J-10110-4	1218mm X 53mm X 56mm, UNKNOWN, 1178mm X 68mm X 104mm, 1220mm X 111mm X 78mm		5000 LUMEN, 3000K, 80CRI LED CEILING MOUNTED 4' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	Y		WESTERN LIGHTING CO. WL-4090 LIGHTOLIER CDS-414	VARIES		1850 LUMEN, 3000K, 80CRI LED ARCHITECTURAL SUSPENDED STRIP LIGHT, 100% UP LIGHTING, INDIRECT FIXTURE. FIXTURE TO BE OF EXTRUDED ALUMINUM CONSTRUCTION. L80 AT MINIMUM 50,000 HOURS.
I5		YORK MP-248, MP128 PACIFIC PHOTON J-10110-4	1178mm X 68mm X 104mm, 1220mm X 111mm X 78mm		3000 LUMEN, 3500K, 80CRI LED WALL MOUNTED 4' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	Y1		WESTERN LIGHTING CO. WL-4090 LIGHTOLIER CDS-414	VARIES		3000 LUMEN, 3500K, 80CRI LED ARCHITECTURAL SUSPENDED STRIP LIGHT, UP AND DOWN LIGHT STYLE FIXTURE. FIXTURE TO BE OF EXTRUDED ALUMINUM CONSTRUCTION. L70 AT MINIMUM 50,000 HOURS.
I6		UNKNOWN	UNKNOWN		1500 LUMEN, 3000K, 80CRI LED WALL MOUNTED 2' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	E1		PACIFIC PHOTON	J-1122P		GREEN BURNING MAN GEORGE LIT 2011 SIGN (DIRECTION/ARROWS AS INDICATED ON PLANS). HOUSING TO BE FLUSH MOUNTABLE TO DRYWALL OR CEILING TILE WITH POLYCARBONATE LENS. MAXIMUM 1W PER FIXTURE. INTERNAL BATTERY.
I7		GVA LIGHTING STR8	SIZED TO SUITE		1200 LUMEN/METER, 3000K, 80CRI COVE STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.	E2		UNKNOWN	UNKNOWN		GREEN BURNING MAN GEORGE LIT 2011 SIGN (DIRECTION/ARROWS AS INDICATED ON PLANS). HOUSING TO BE SURFACE MOUNTABLE TO DRYWALL, CEILING TILE OR GYPSUM. WITH EXTRUDED ALUMINUM HOUSING. MAXIMUM 1W PER FIXTURE. INTERNAL BATTERY.
K		UNKNOWN	UNKNOWN		750 LUMEN, 5000K, 85CRI LED SURFACE MOUNTED VAPOR PROOF JAR LIGHT, CW POLYCARBONATE LENS AND SUITABLE FOR OPERATIONS UP TO 40°C. L80 AT MINIMUM 100,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
L		UNKNOWN	UNKNOWN		750 LUMEN, 5000K, 85CRI LED SURFACE MOUNTED VAPOR PROOF JAR LIGHT, CW POLYCARBONATE LENS AND SUITABLE FOR OPERATIONS UP TO 40°C. L80 AT MINIMUM 100,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
N		NA	CRUISE-HINDS EVXCX10		1500 LUMEN, 4000K, 85CRI LED SURFACE MOUNTED TYPE 4X RATED EXPLOSION PROOF JAR LIGHT, CW HEAT AND IMPACT RESISTANT GLASS LENS. L70 AT MINIMUM 50,000 HOURS. MINIMUM 4-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
P		UNKNOWN	UNKNOWN		5000 LUMEN, 3000K, 80CRI LED SUSPENDED 4' STRIP LIGHT CW DIFFUSER LENS. L70 AT MINIMUM 100,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
R1		UNKNOWN THE HOLOPHANE CO. F-18-3	UNKNOWN UNKNOWN		1000 LUMEN, 4000K, 80CRI RECESS MOUNTED 1x1 LED LIGHT PANEL, CW FROSTED DIFFUSER LENS. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
R2		UNKNOWN THE HOLOPHANE CO. F-18-3	UNKNOWN UNKNOWN		3300 LUMEN, 3000K, 80CRI RECESS MOUNTED 2x2 VOLUMETRIC TROFFER LIGHT, CW FROSTED DIFFUSER LENS. L80 AT MINIMUM 80,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
R3		UNKNOWN THE HOLOPHANE CO. F-18-3	UNKNOWN UNKNOWN		750 LUMEN, 4000K, 80CRI RECESS MOUNTED LED LIGHT PANEL, CW FROSTED DIFFUSER LENS. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						
T1		MPhiben 3W-800 MPhiben 43-50VT	UNKNOWN UNKNOWN		600 LUMEN, 3000K, 80CRI LED POT LIGHT RETROFIT KIT. L70 AT MINIMUM 50,000 HOURS. MINIMUM 3-STEP MACADAM ELLIPSE COLOUR CONSISTENCY.						

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

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Pacific Region
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KEYPLAN

PROJECT NORTH

PROFESSIONAL
ENGINEER
OCT 3 8 2015

Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 50% REVIEW	SEPT 16 15
1	ISSUED FOR 30% REVIEW	AUG 28 15

Client/client: **PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet: **PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only

Designed by/Concept par: **IAB**

Drawn by/Dessiné par: **JB / NH**

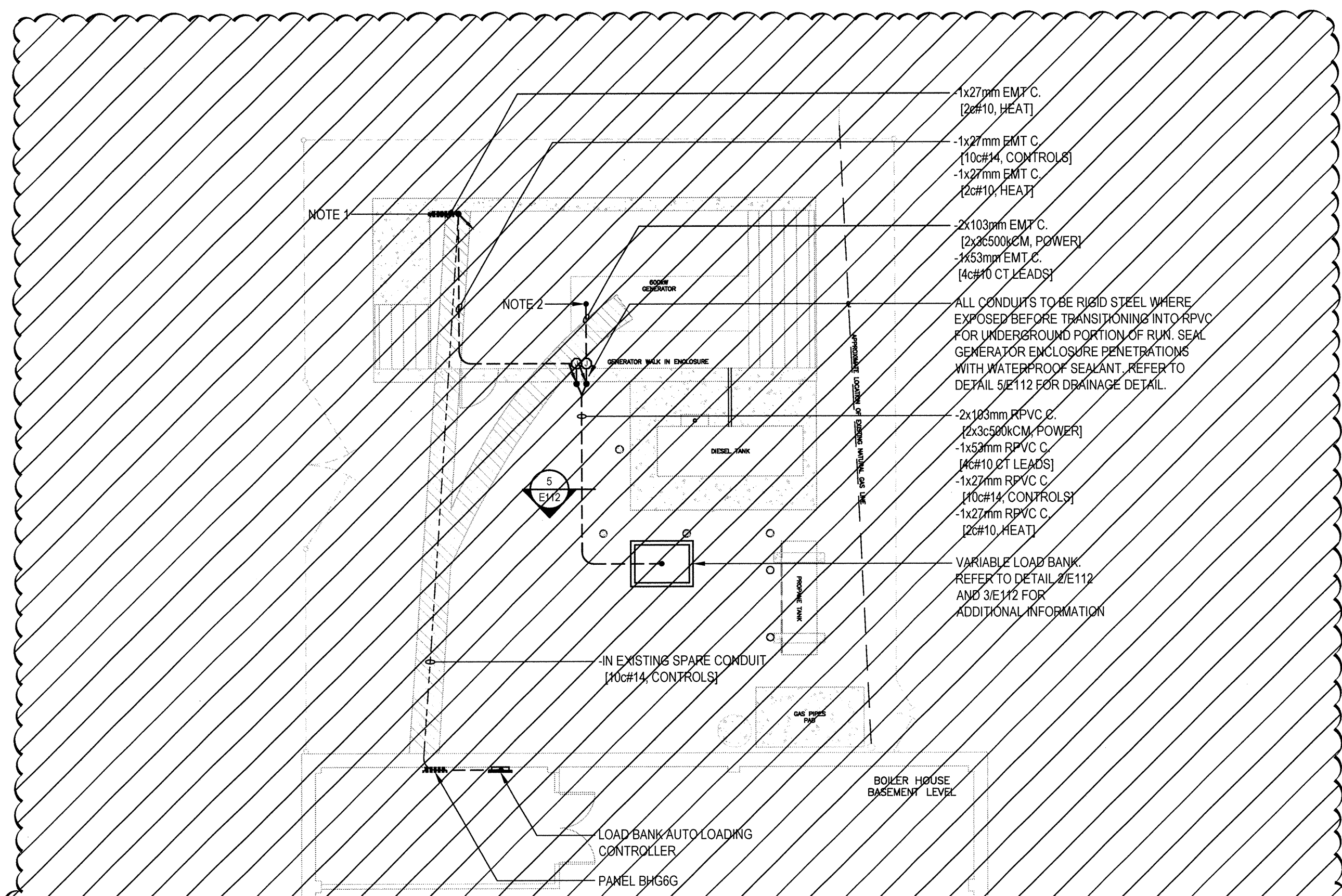
PWSSC Project Manager/Administrateur de Projets: **TPSSC Jamie LeBlanc**

PWSSC Regional Manager, Architectural and Engineering Services/Gestionnaire régional, Services d'architecture et de génie: **TPSSC Preetpal Paul**

Drawing title/Titre du dessin: **LUMINAIRE SCHEDULE**

Project No./No. du projet: R.076284.001	Sheet/Feuille: E111	Revision no./La Révision no.: 3
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PWSSC - B1 - 1000X707



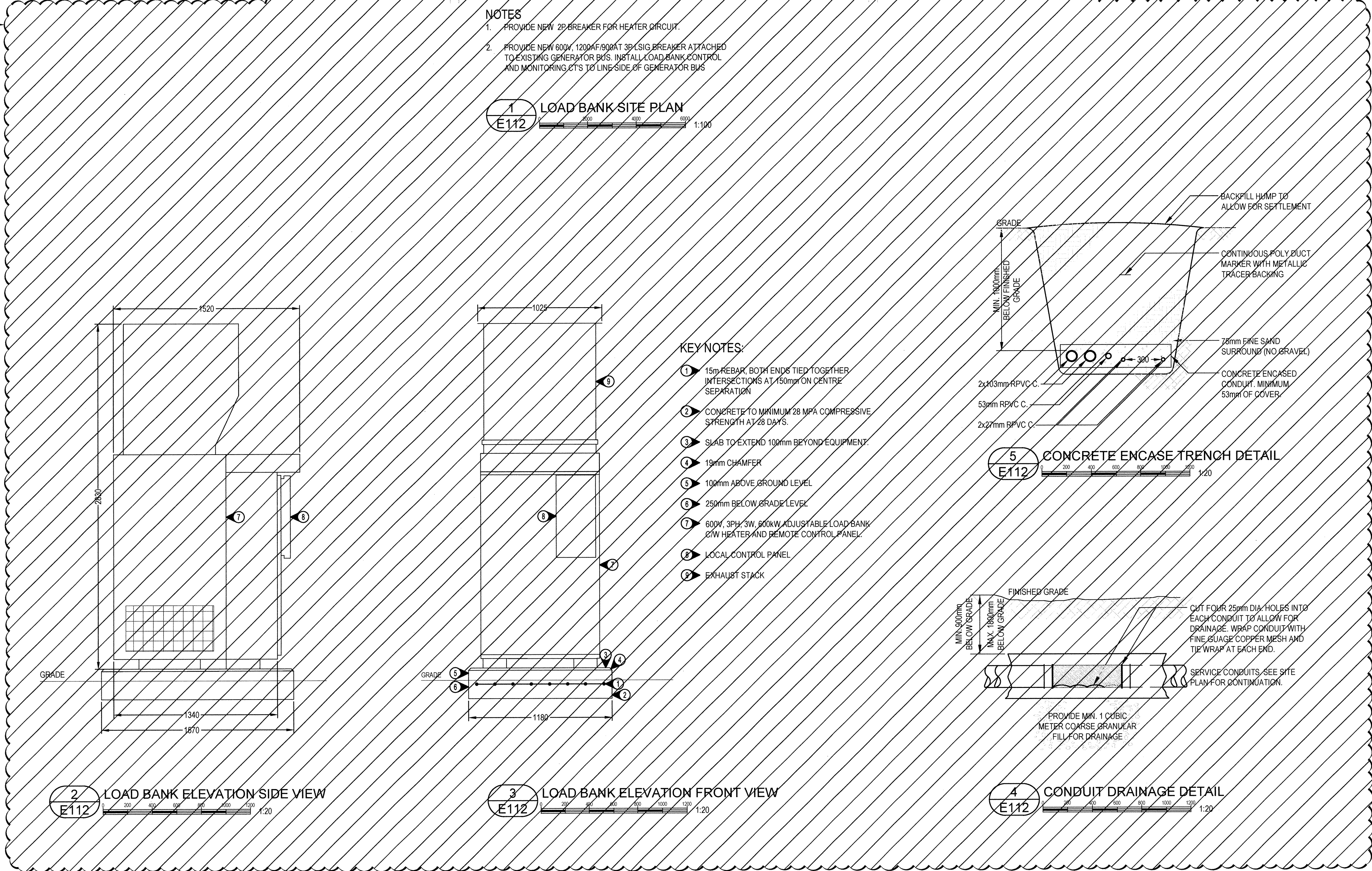
- 1x27mm EMT C (2#10, HEAT)
- 1x27mm EMT C (10#14, CONTROLS)
- 1x27mm EMT C (2#10, HEAT)
- 2x103mm EMT C (2x#500W, POWER)
- 3x53mm EMT C (3#10, LEADS)
- ALL CONDUITS TO BE RIGID STEEL WHERE EXPOSED BEFORE TRANSITIONING INTO RPVC FOR UNDERGROUND PORTION OF RUN. SEAL GENERATOR ENCLOSURE PENETRATIONS WITH WATERPROOF SEALANT. REFER TO DETAIL SHEET FOR DRAINAGE DETAIL.
- 2x183mm RPVC C (2x#3500W, POWER)
- 1x32mm RPVC C (1#10, CT LEADS)
- 1x27mm RPVC C (10#14, CONTROLS)
- 1x27mm RPVC C (2#10, HEAT)
- VARIABLE LOAD BANK REFER TO DETAIL SHEET E112 AND SEE J12 FOR ADDITIONAL INFORMATION

NOTES

1. PROVIDE NEW 20 BREAKER FOR HEATER CIRCUIT.
2. PROVIDE NEW 60W, 120VAF 600AT 3P4W SIG BREAKER ATTACHED TO EXISTING GENERATOR BUS. INSTALL LOAD BANK CONTROL AND MONITORING SETS TO LINE SIDE OF GENERATOR BUS.

1 LOAD BANK SITE PLAN E112 1:100

NOT IN SCOPE



KEY NOTES:

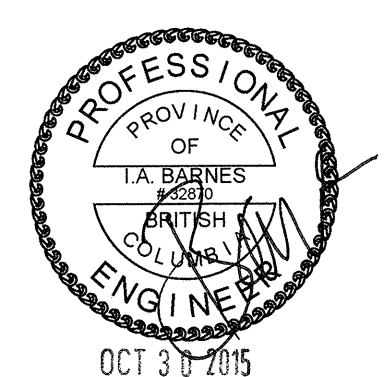
1. 15# REBAR BOTH ENDS TIED TOGETHER INTERSECTIONS AT 450mm ON CENTRE SEPARATION
2. CONCRETE TO MINIMUM 28 MPa COMPRESSIVE STRENGTH AT 28 DAYS.
3. SLAB TO EXTEND 100mm BEYOND EQUIPMENT
4. 19mm CHAMFER
5. 100mm ABOVE GROUND LEVEL
6. 250mm BELOW GRADE LEVEL
7. 60W, 3P4W, 60WVADJUSTABLE LOAD BANK CWV HEATER AND REMOTE CONTROL PANEL
8. LOCAL CONTROL PANEL
9. EXHAUST STACK

2 LOAD BANK ELEVATION SIDE VIEW E112 1:20

3 LOAD BANK ELEVATION FRONT VIEW E112 1:20

5 CONCRETE ENCASE TRENCH DETAIL E112 1:20

4 CONDUIT DRAINAGE DETAIL E112 1:20



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 90% REVIEW	SEPT 16, 15
1	ISSUED FOR 30% REVIEW	AUG 28, 15

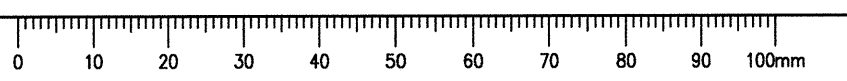
Client/client: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

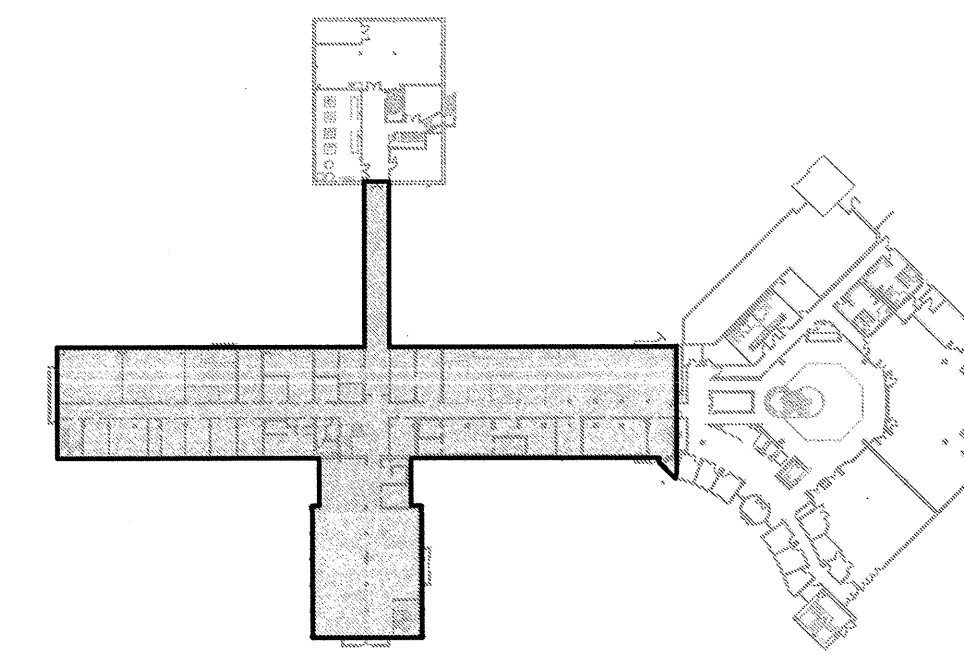
Project title/Titre du projet: PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par: IAB
Drawn by/Dessiné par: JB / NH
PWSSC Project Manager/Administrateur de Projets TPSGC: Jamie LeBlanc
PWSSC Regional Manager, Architectural and Engineering Services/Gestionnaire régionale, Services d'architecture et de génie, TPSGC: Pratejpal Patel

Drawing title/Titre du dessin: GENERATOR LOAD BANK SITE PLAN AND DETAILS

Project No./No. du projet: R.076284.001	Sheet/Feuille: E112 OF	Revision no./La Révision no.: 3
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BASEMENT KEYPLAN
1:1000

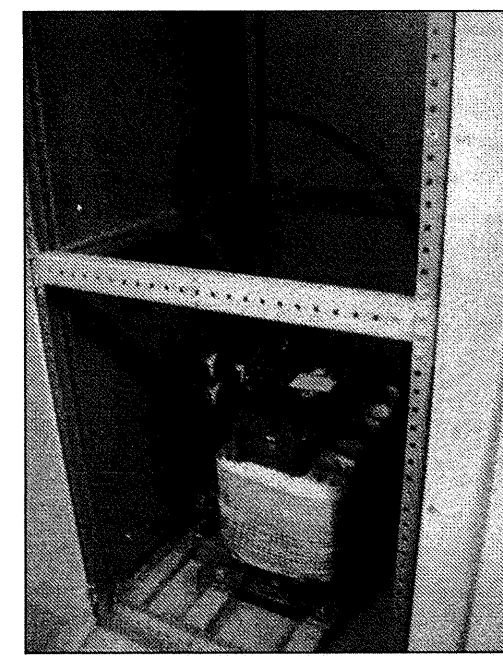
GENERAL NOTES:

- EQUIPMENT SHOWN DOTTED IS EXISTING AND IS TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE

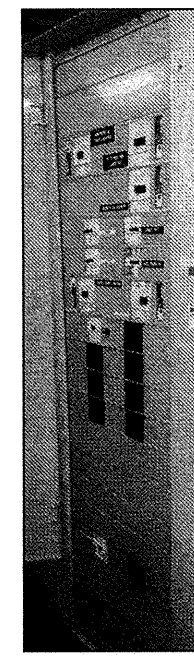
CEILING NOTES:

RECESSED FIXTURE CEILING DETAILS:

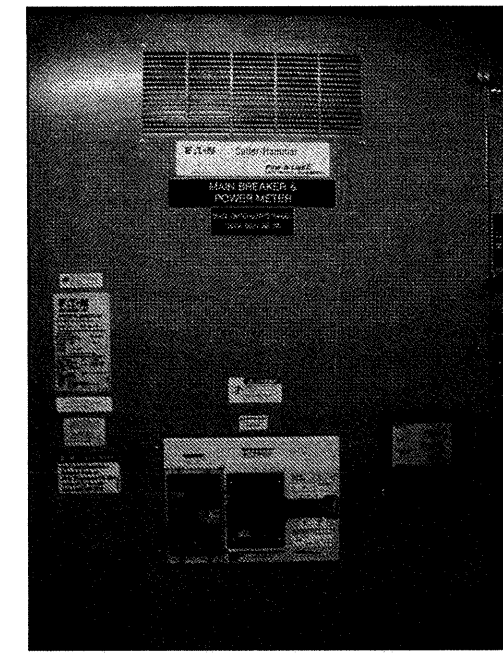
- 2x2 STANDARD IMPERIAL CEILING TILES IN ROOMS: 064,067,068,070,072,073, LIB ARCHIVE
- 2x2 AND 2x4 NON STANDARD WOODEN CEILING TILE 1215mm x 673mm APPROXIMATE DIMENSIONS IN ROOM 057.
- DRYWALL CEILING IN ROOMS 061 AND STAIRWELLS.



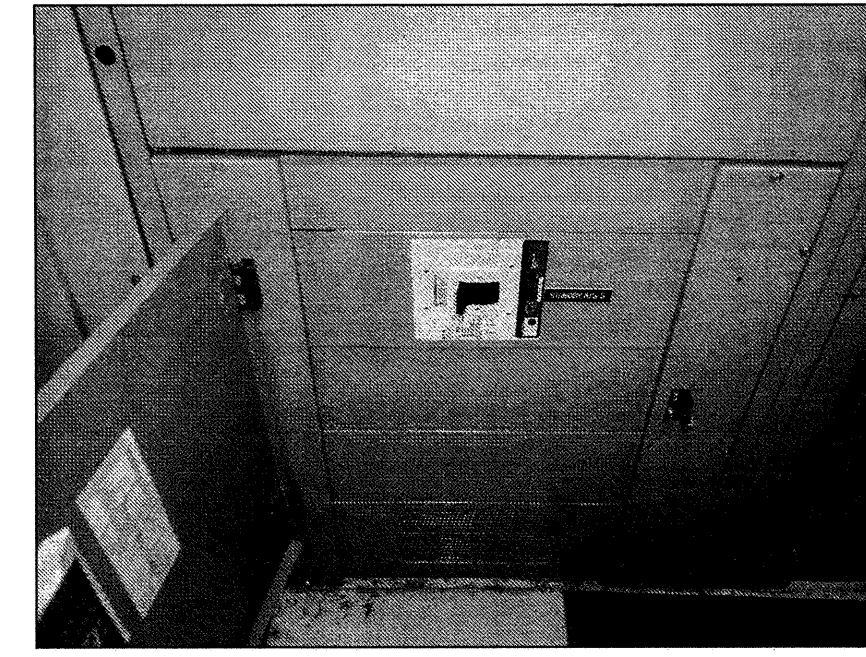
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E200 600-120/208V TRANSFORMER T-WAG6N NOT TO SCALE



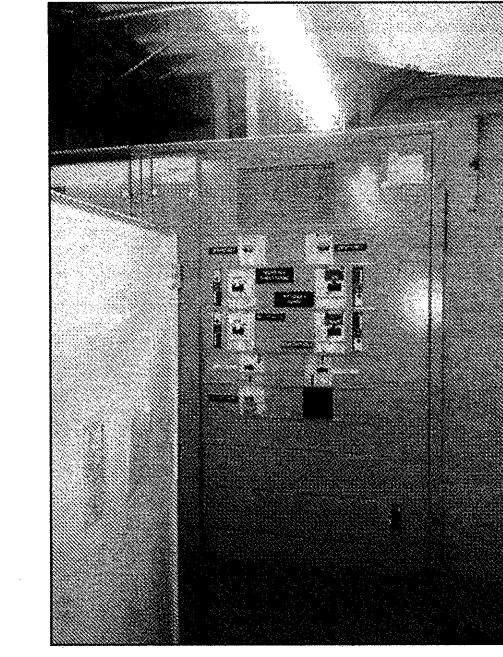
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E200 PANEL WAG6N CELL #1 NOT TO SCALE



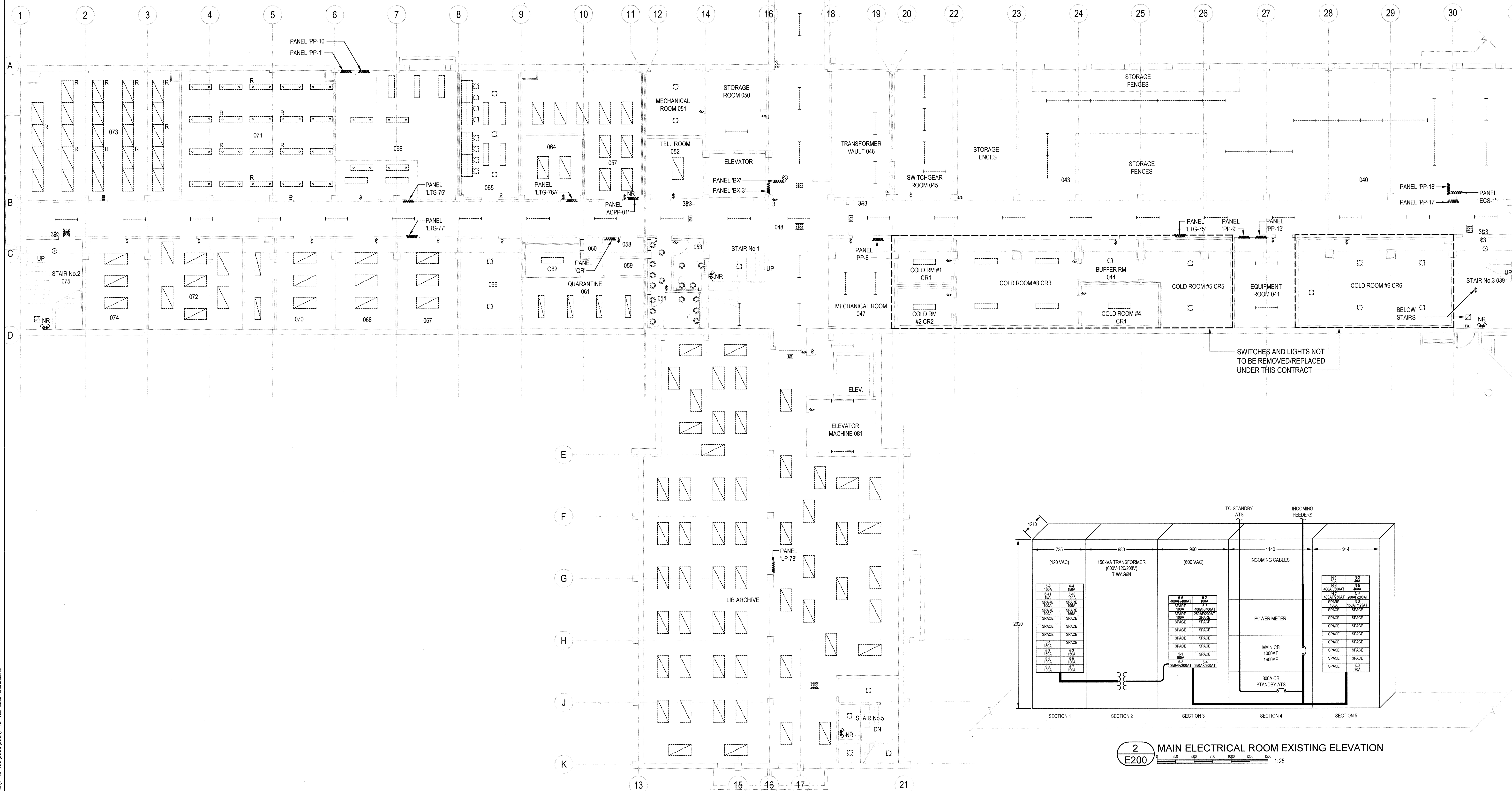
5
E200 1000A, 600V LSIG MAIN BREAKER NOT TO SCALE



6
E200 800A STANDBY POWER BREAKER NOT TO SCALE



3
E200 PANEL WAG6N CELL #2 NOT TO SCALE



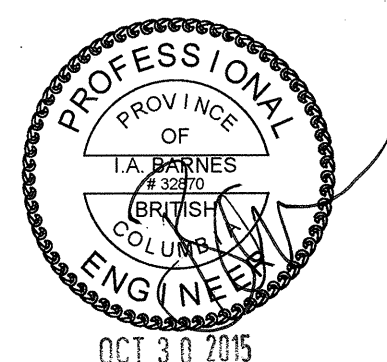
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E200 MAIN ELECTRICAL ROOM EXISTING ELEVATION 1:25

1
E200 EXISTING PARTIAL BASEMENT LIGHTING LAYOUT 1:100

KEYPLAN



PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet

**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only

Designed by/Concept par
IAB

Drawn by/Dessiné par
JB / NH

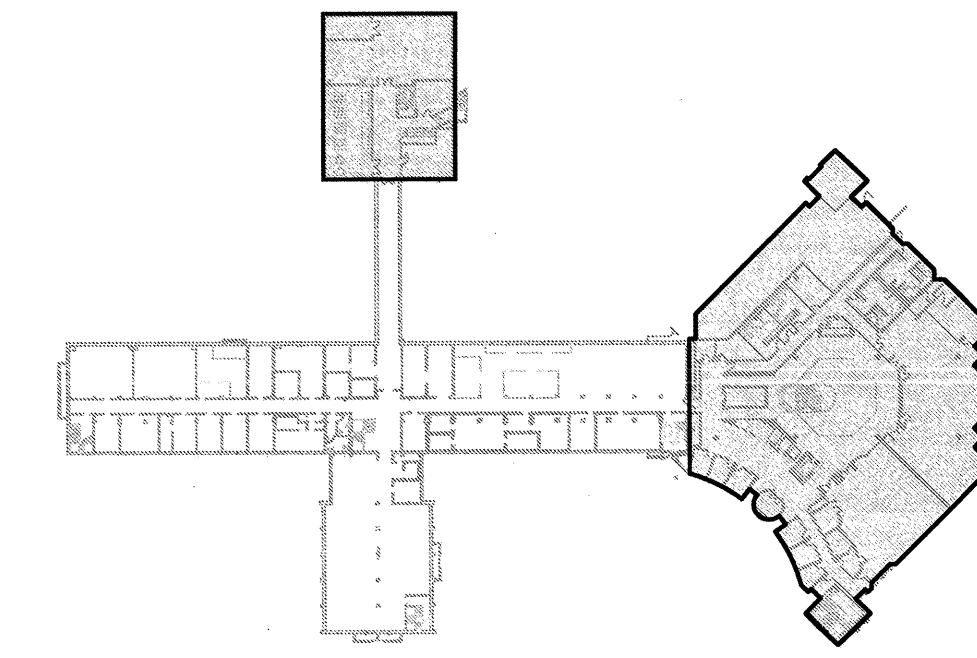
PWOSC Project Manager/Administrateur de Projets TPSGC

Jamie LeBlanc
PWOSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSGC
Preetpal Paul

Drawing title/Titre du dessin

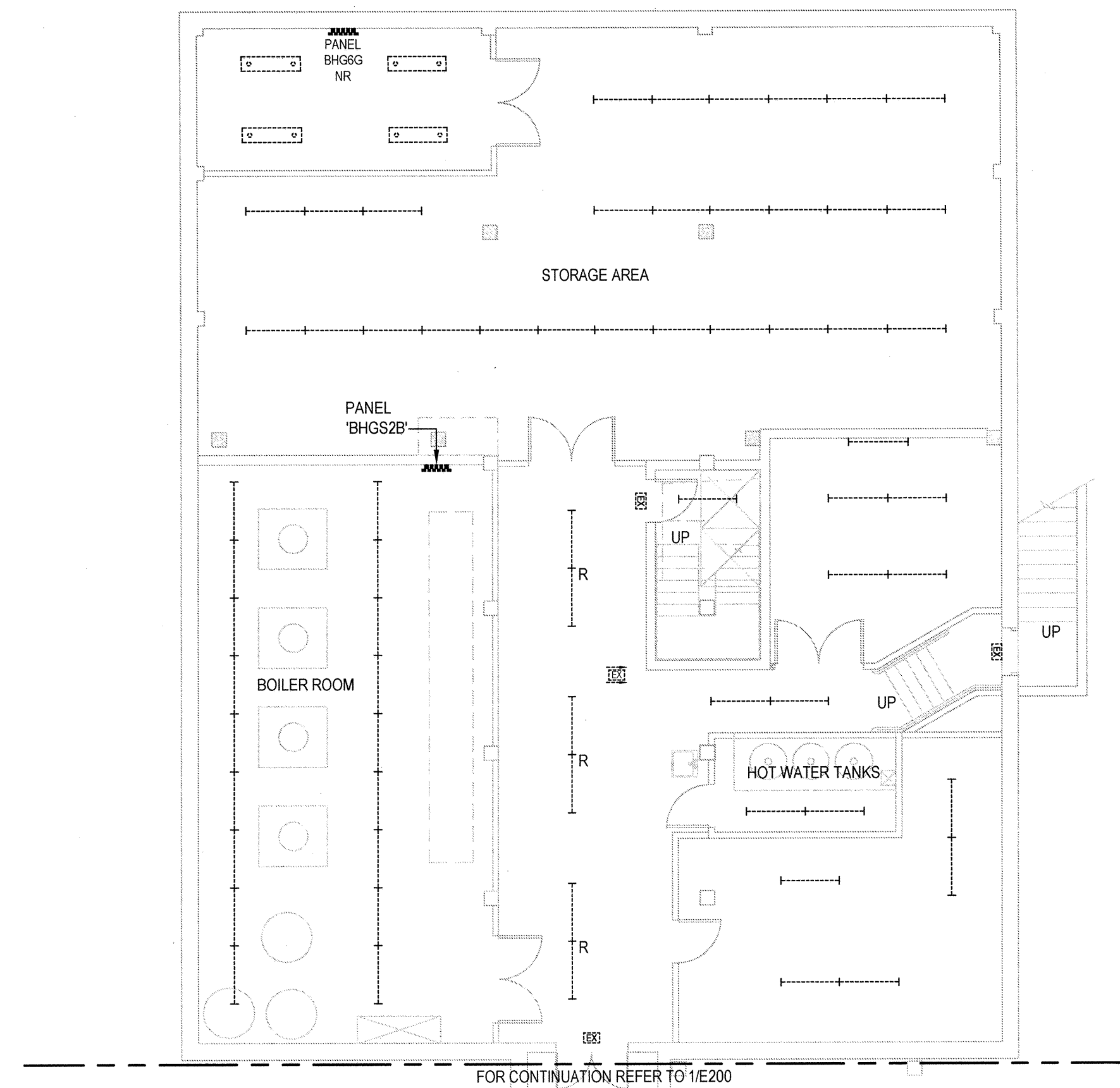
**EXISTING PARTIAL BASEMENT
LIGHTING LAYOUT**

Project No./No. du projet	Sheet/Fauille	Revision no./ La Révision no.
R.076284.001	E200 OF	3



BASEMENT KEYPLAN
1:1000

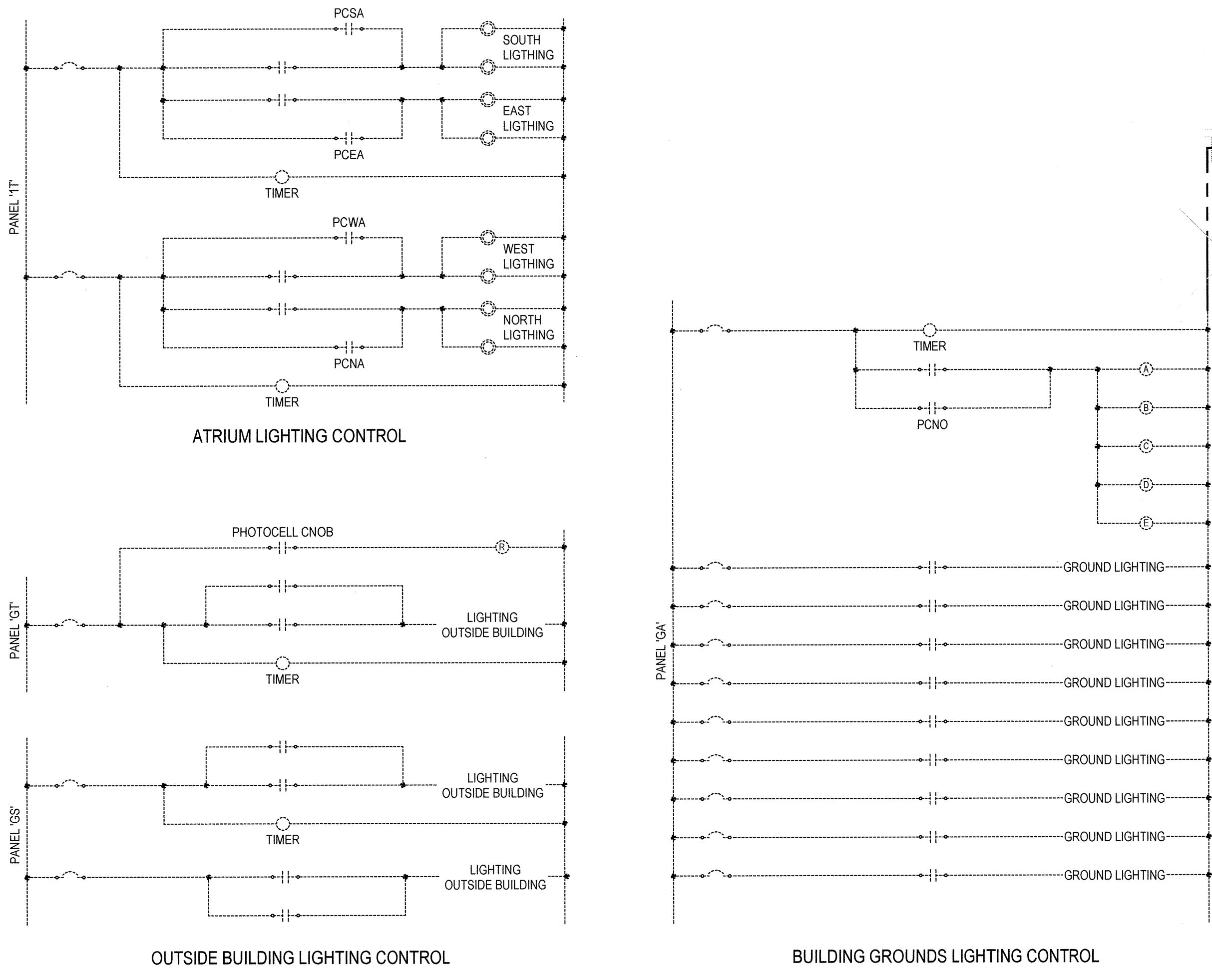
- GENERAL NOTES:**
- EQUIPMENT SHOWN DOTTED IS EXISTING AND IS TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE.
 - PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.
- CEILING NOTES:**
- RECESSED FIXTURE CEILING DETAILS:
- DRYWALL CEILINGS IN ALL ROOMS WITH RECESSED FIXTURES EXCEPT WHERE NOTED BELOW.
 - 2x2 STANDARD METRIC CEILING TILES IN ROOMS: 021, 018.
 - 2x2 AND 2x4 METRIC DRYWALL CEILING TILE SUITABLE FOR USE IN KITCHEN IN ROOM 017.
 - LINEAR SUSPENDED METAL CEILING IN CORRIDOR 031.
 - CONCRETE CEILINGS IN ATRIUM.



1 EXISTING PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E201

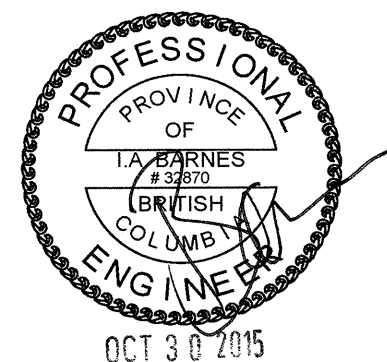
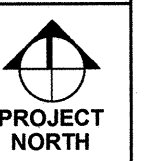


2 EXISTING PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E201



3 EXISTING LIGHTING CONTROL SYSTEM
E201

KEYPLAN



Revision/	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 99% REVIEW	SEPT 16, 15
1	ISSUED FOR 33% REVIEW	AUG 28, 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

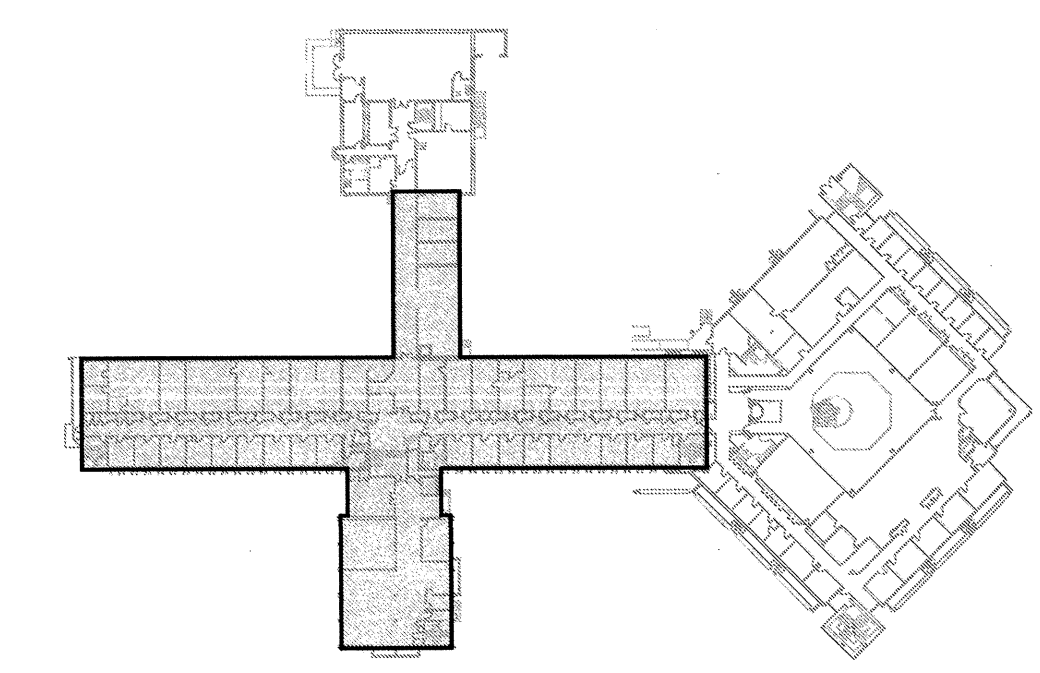
Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSOC
Jamie LeBlanc
PWSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSOC
Projet/Paul

Drawing title/Titre du dessin
**EXISTING PARTIAL BASEMENT
LIGHTING AND POWER LAYOUT**

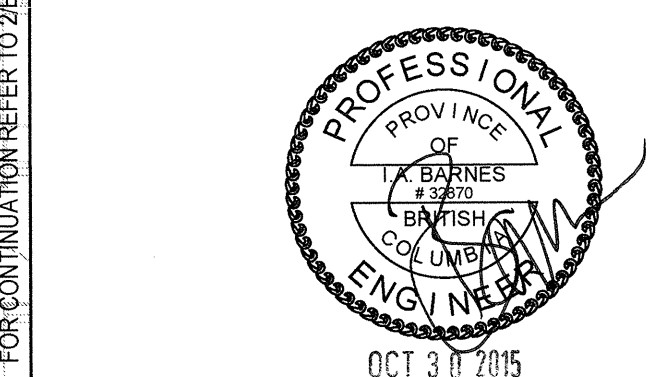
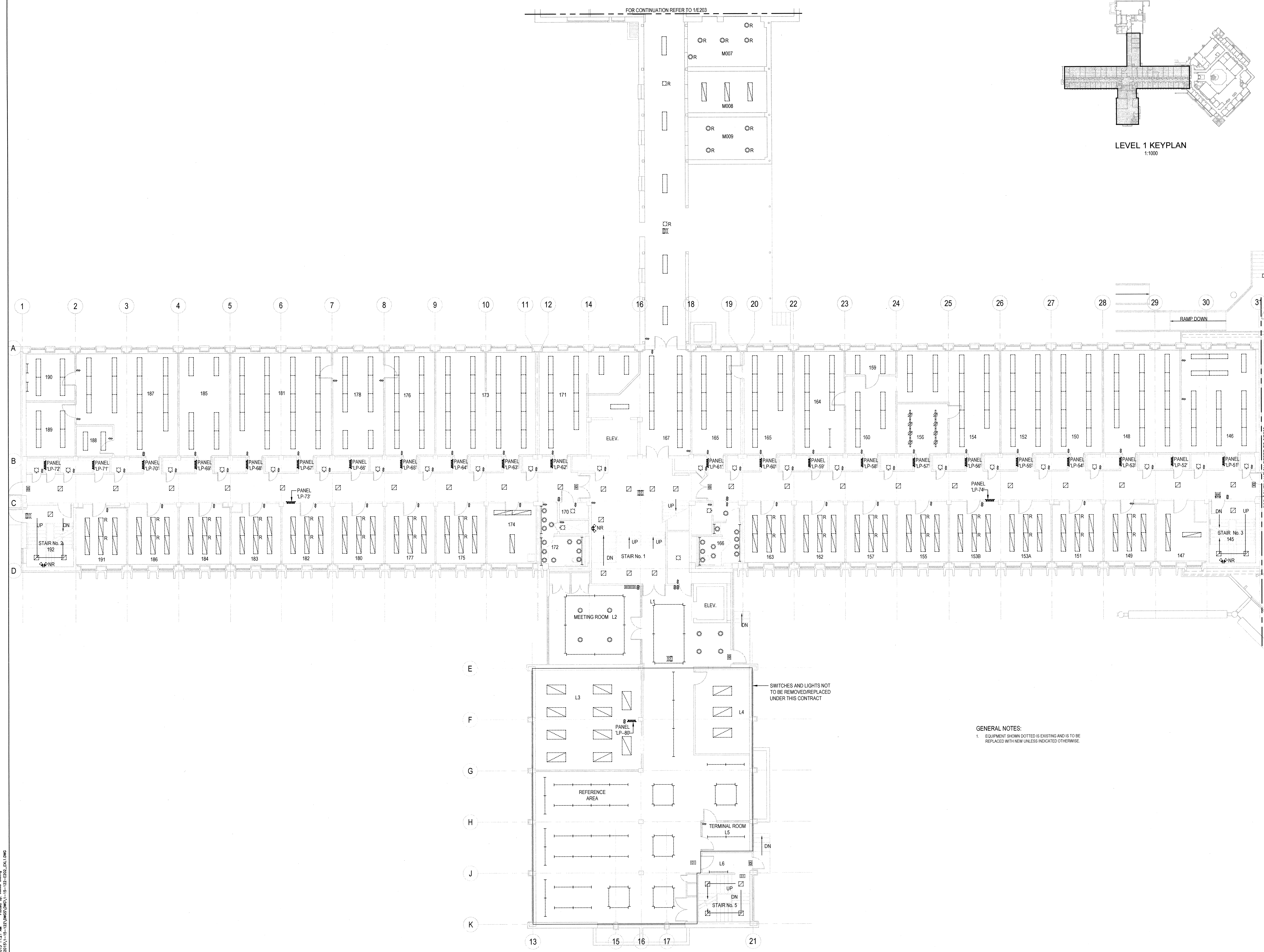
Project No./No. du projet R.076284.001	Sheet/Feuille E201 OF	Revision no./ La Révision no. 3
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LEVEL 1 KEYPLAN
1:1000

KEYPLAN
PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 99% REVIEW	SEPT 18, 15
1	ISSUED FOR 33% REVIEW	AUG 28, 15

Client/Client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSCC
Jamie LeBlanc
PWSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSCC
Prestipal Paul
Drawing title/Titre du dessin

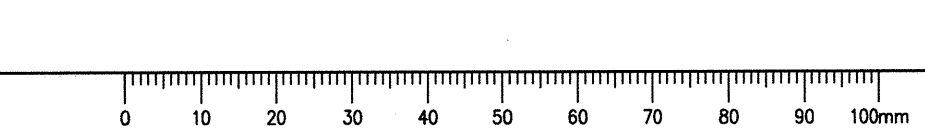
**EXISTING PARTIAL LEVEL 1
LIGHTING AND POWER LAYOUT**

Project No./No. du projet R.076284.001	Sheet/Feuille E202 OF	Revision no./ La Révision no. 3
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GENERAL NOTES:
1. EQUIPMENT SHOWN DOTTED IS EXISTING AND IS TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE.

SWITCHES AND LIGHTS NOT TO BE REMOVED/REPLACED UNDER THIS CONTRACT

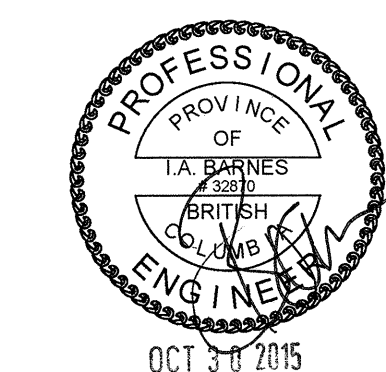
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E202 EXISTING PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT



KEYPLAN



PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 90% REVIEW	SEPT 16, 15
1	ISSUED FOR 30% REVIEW	AUG 28, 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Preetpal Paul

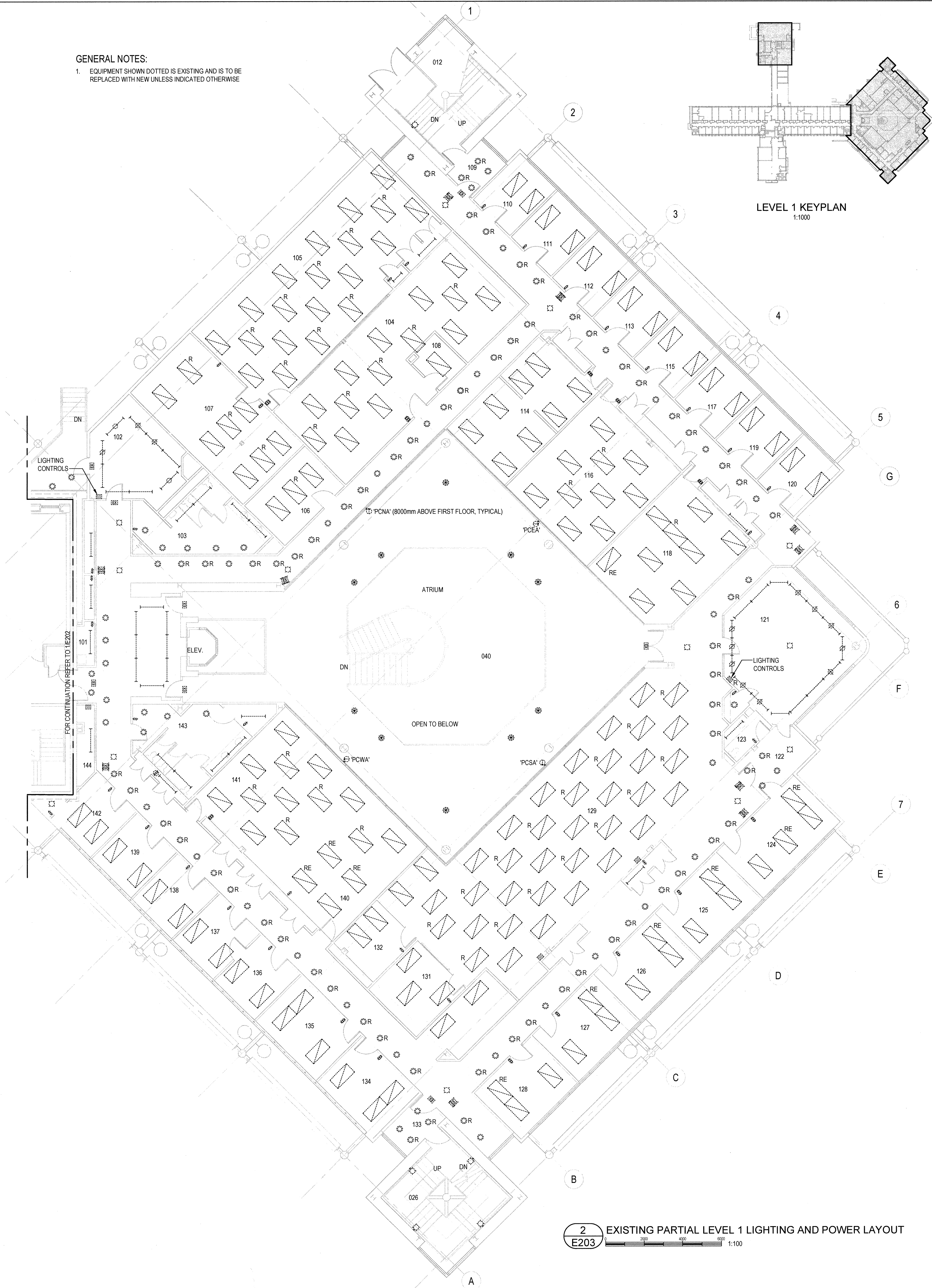
Drawing title/Titre du dessin
**EXISTING PARTIAL LEVEL 1
LIGHTING AND POWER LAYOUT**

Project No./No. du projet R.076284.001	Sheet/Fauille E203 OF	Revision no./ La Révision no. 3
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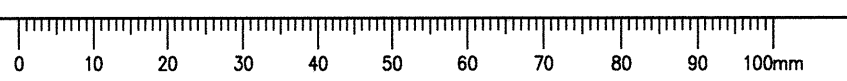
GENERAL NOTES:
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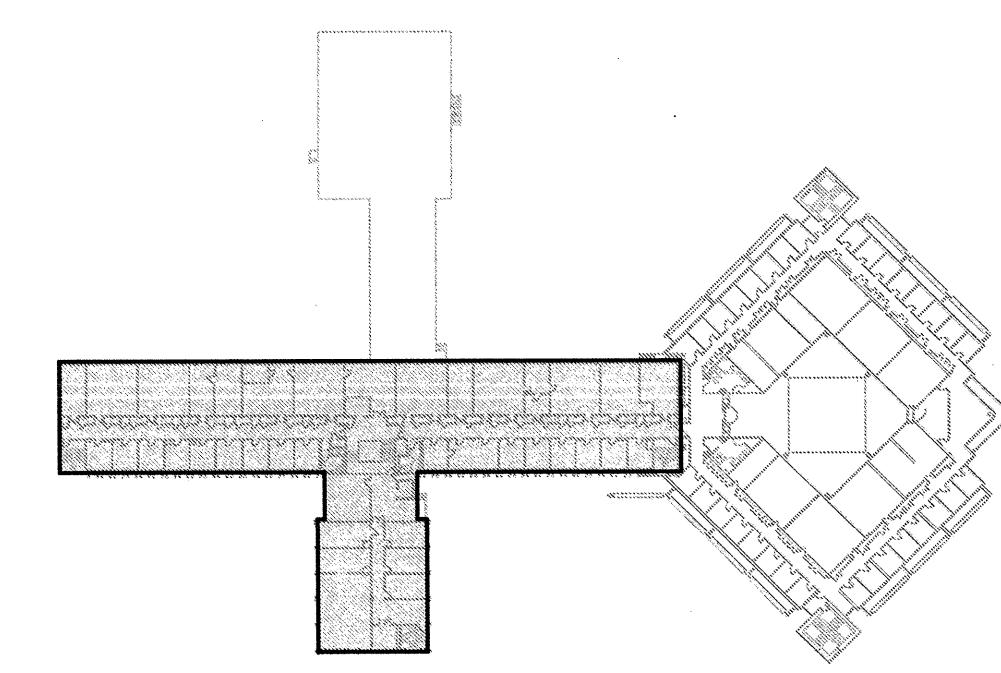


1 EXISTING PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E203



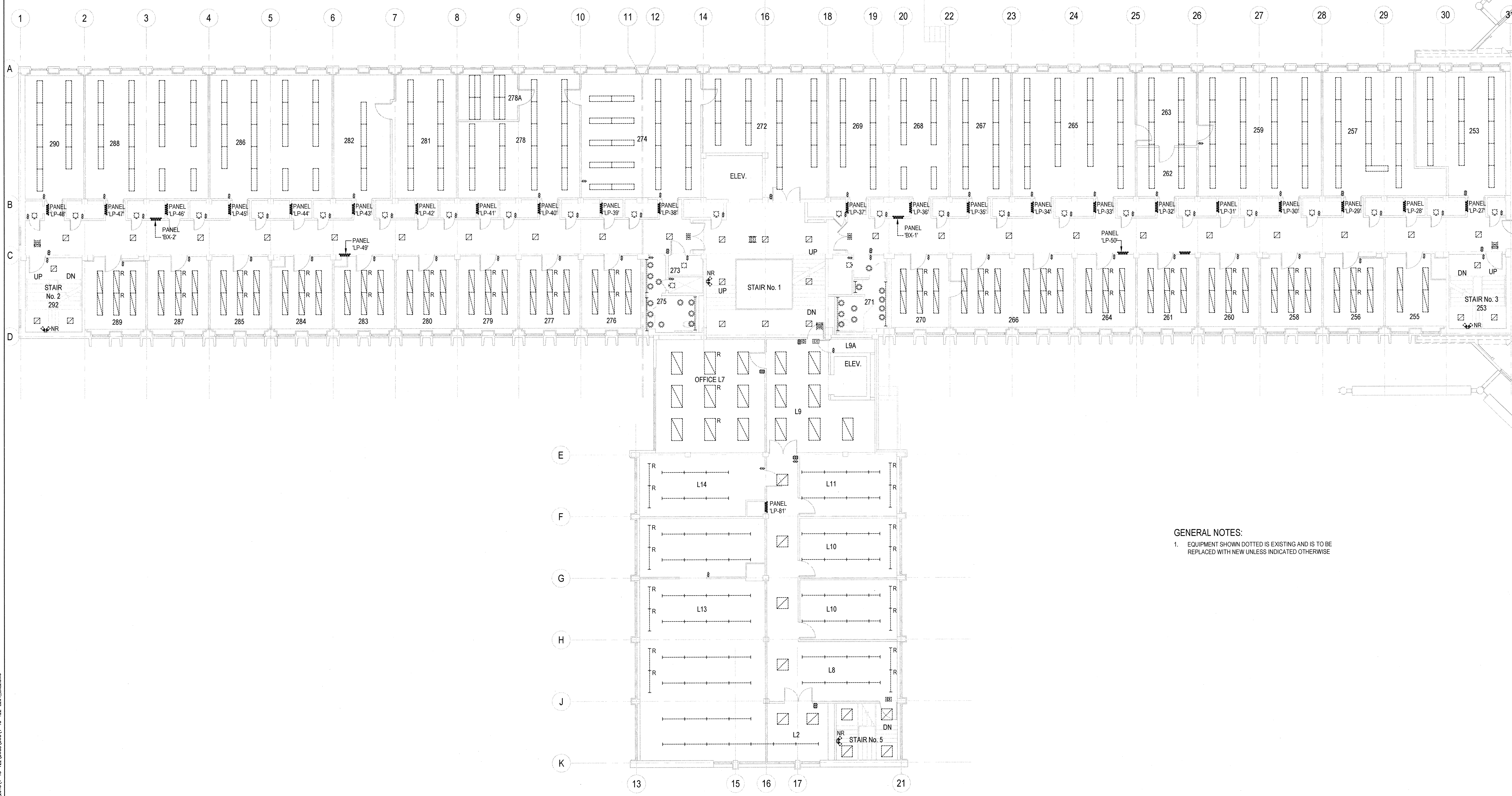
2 EXISTING PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E203





LEVEL 2 KEYPLAN
1:1000

KEYPLAN
PROJECT NORTH



GENERAL NOTES:
1. EQUIPMENT SHOWN DOTTED IS EXISTING AND IS TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 90% REVIEW	SEPT 16, 15
1	ISSUED FOR 30% REVIEW	AUG 28, 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

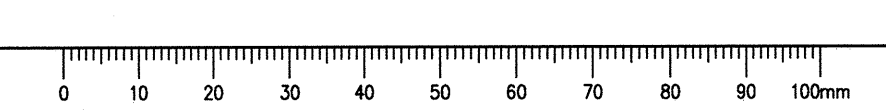
Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessine par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Preetpal Paul

Drawing title/Titre du dessin
**EXISTING PARTIAL LEVEL 2
LIGHTING AND POWER LAYOUT**

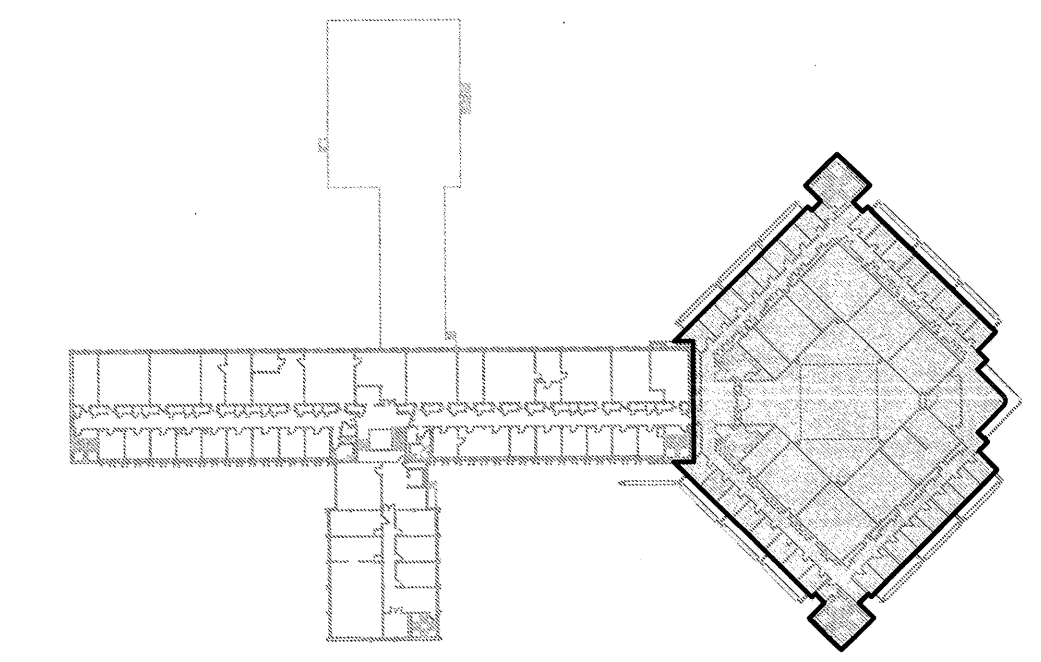
Project No./No. du projet R.076284.001	Sheet/Fauille E204 OF	Revision no./ La révision 3
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1 EXISTING PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
E204 1:1000

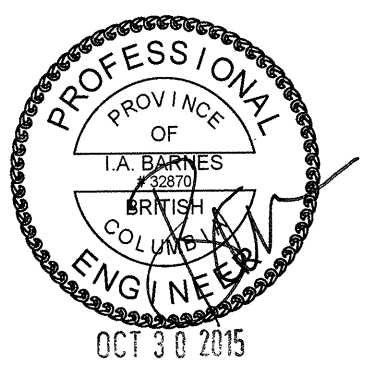
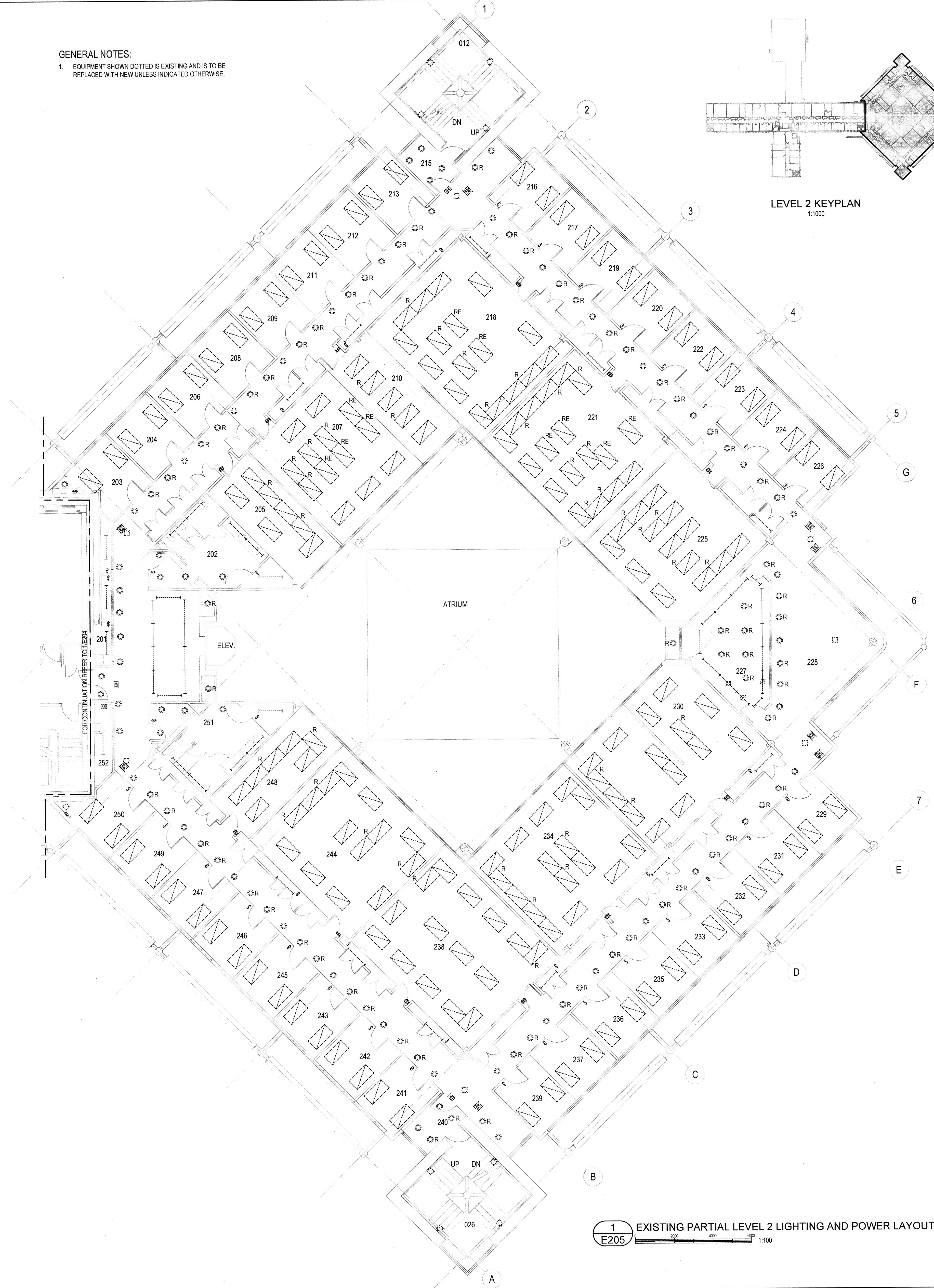




GENERAL NOTES:
1. EQUIPMENT SHOWN DOTTED IS EXISTING AND IS TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE.



LEVEL 2 KEYPLAN
1:1000



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 90% REVIEW	SEPT 16 15
1	ISSUED FOR 30% REVIEW	AUG 28 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

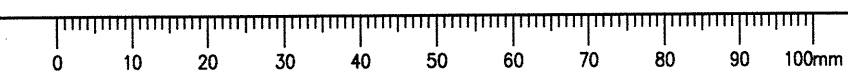
Lighting & Power Distribution Upgrade

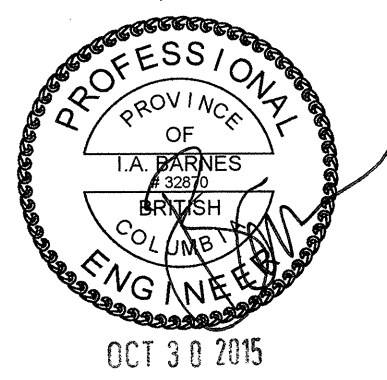
Consultant Signature Box Only
Designed by/Concept par IAB
Drawn by/Dessine par JB / NH
PWGSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architecture et de génie, TPSGC
Preetipal Paul

Drawing title/Titre du dessin
**EXISTING PARTIAL LEVEL 2
LIGHTING AND POWER LAYOUT**

Project No./No. du projet R.076284.001	Sheet/Feuille E205 OF	Revision no./ La Révision no. 3
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1 EXISTING PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
E205





Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE
 Lighting & Power Distribution Upgrade

Consultant Signature Box Only
 Designed by/Concept par IAB
 Drawn by/Dessiné par JB / NH
 PWSC Project Manager/Administrateur de Projets TPSGC Jamie LeBlanc
 PWSC Regional Manager, Architectural and Engineering Services/Gestionnaire régionale, Services d'architectural et de génie, TPSGC Preetipal Paul

Drawing title/Titre du dessin
EXISTING PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT

Project No./No. du projet R.076284.001
 Sheet/Feuille E207 OF 3
 Revision no./La Révision no. 3

GENERAL NOTES:
 1. EQUIPMENT SHOWN DOTTED IS EXISTING AND IS TO BE REPLACED WITH NEW UNLESS INDICATED OTHERWISE.

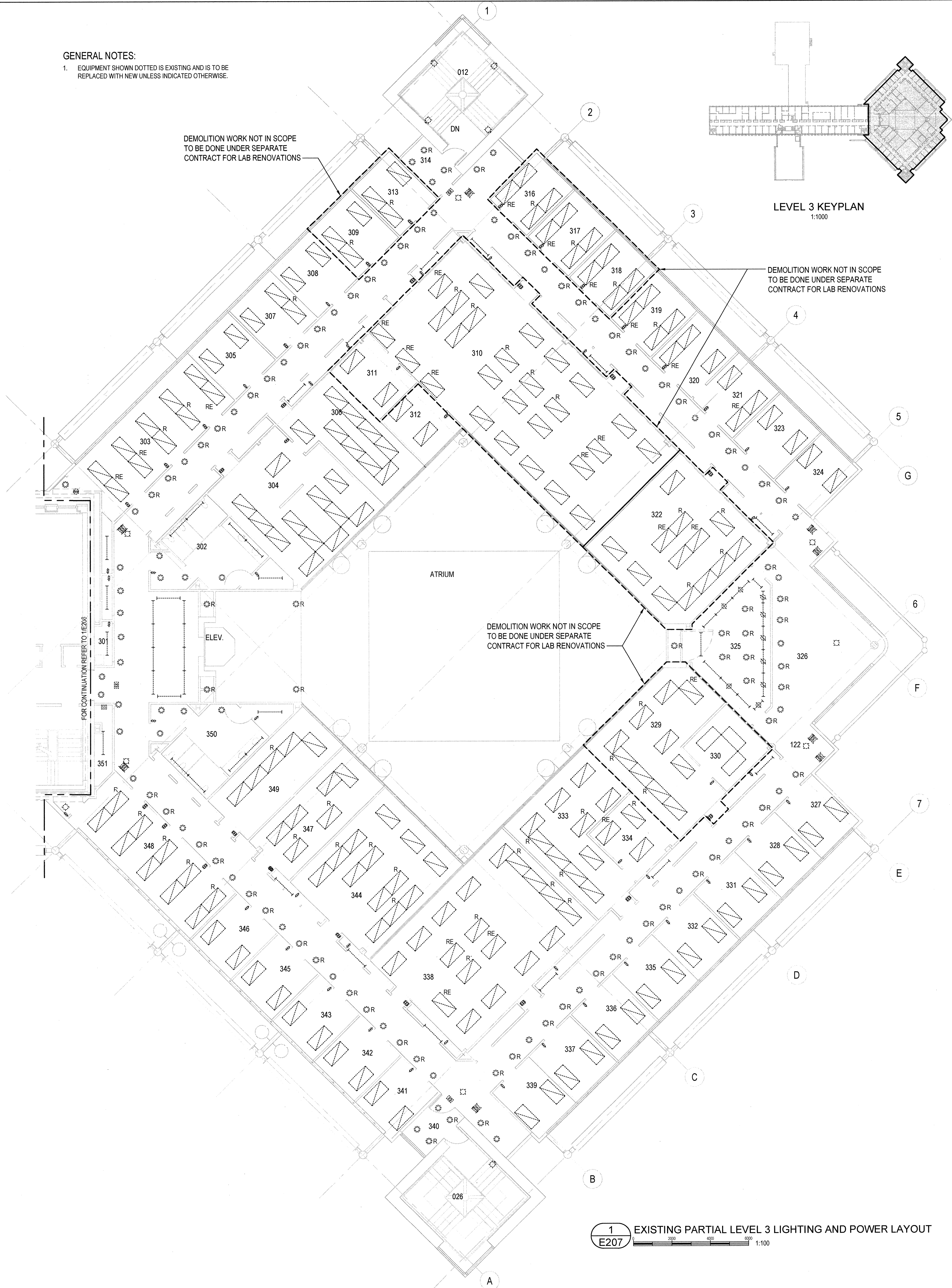
DEMOLITION WORK NOT IN SCOPE TO BE DONE UNDER SEPARATE CONTRACT FOR LAB RENOVATIONS

LEVEL 3 KEYPLAN 1:1000

DEMOLITION WORK NOT IN SCOPE TO BE DONE UNDER SEPARATE CONTRACT FOR LAB RENOVATIONS

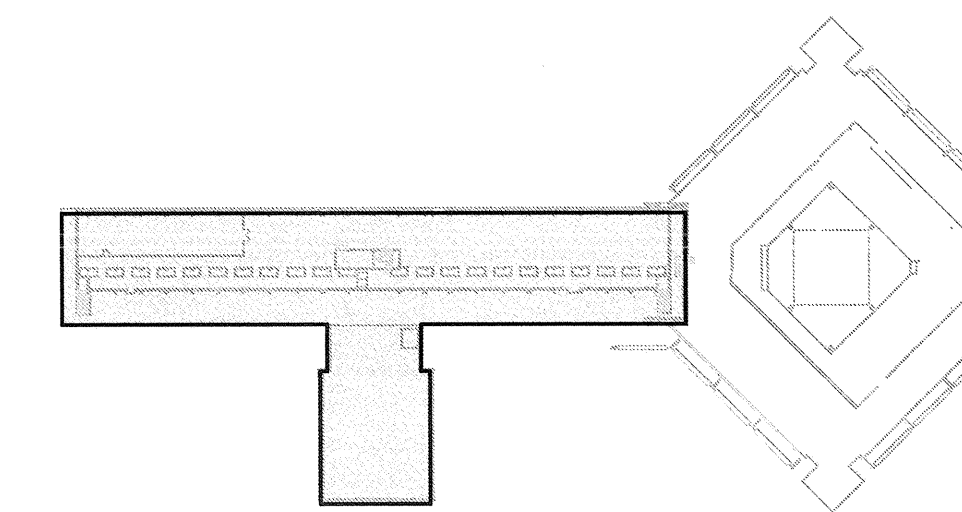
DEMOLITION WORK NOT IN SCOPE TO BE DONE UNDER SEPARATE CONTRACT FOR LAB RENOVATIONS

FOR CONTINUATION REFER TO 1E206

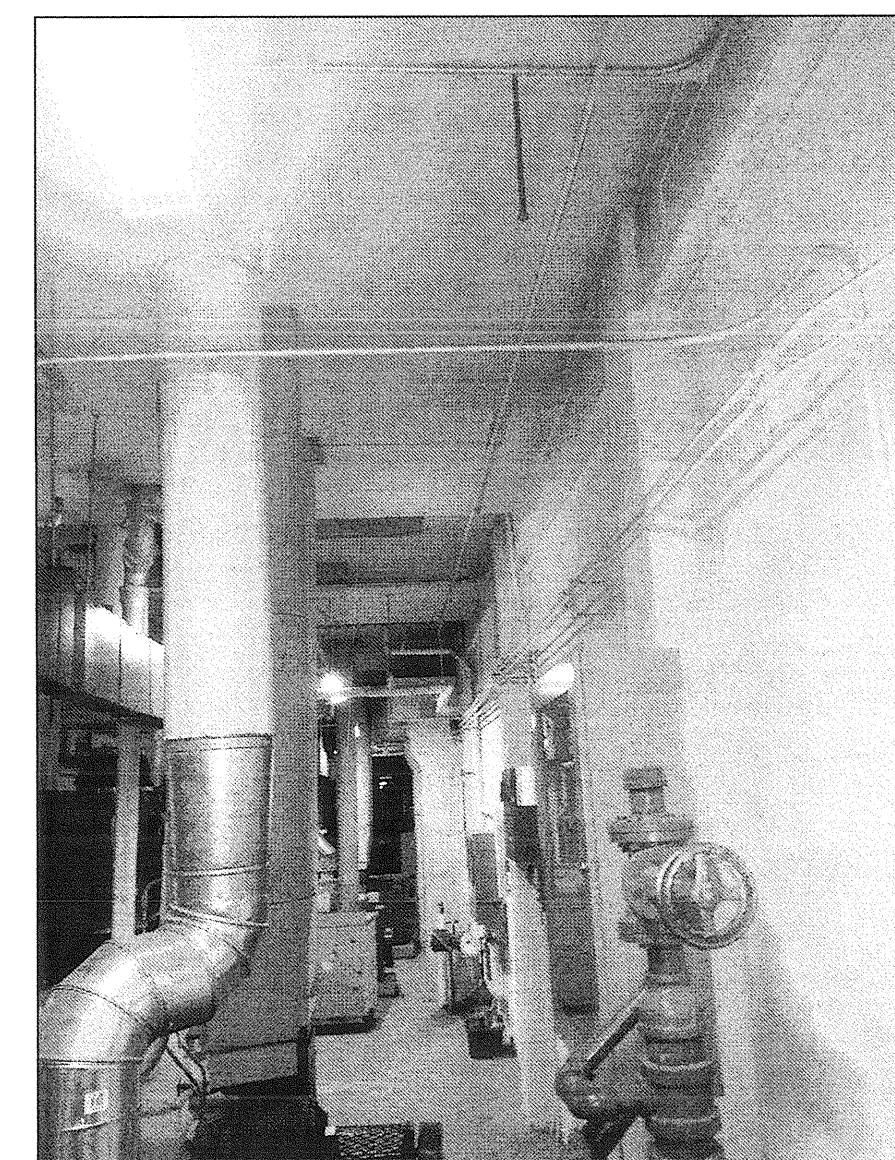


1 EXISTING PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT E207 1:1000





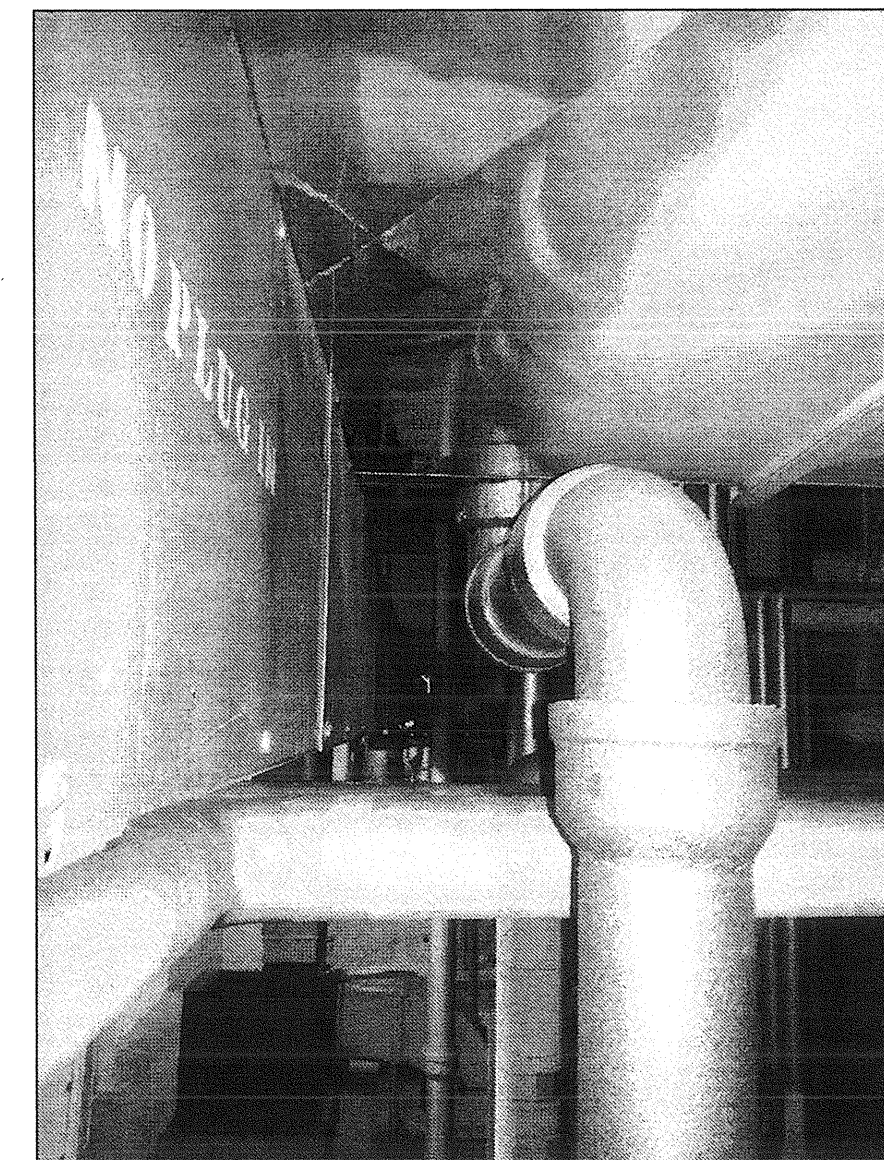
PENTHOUSE KEYPLAN
1:1000



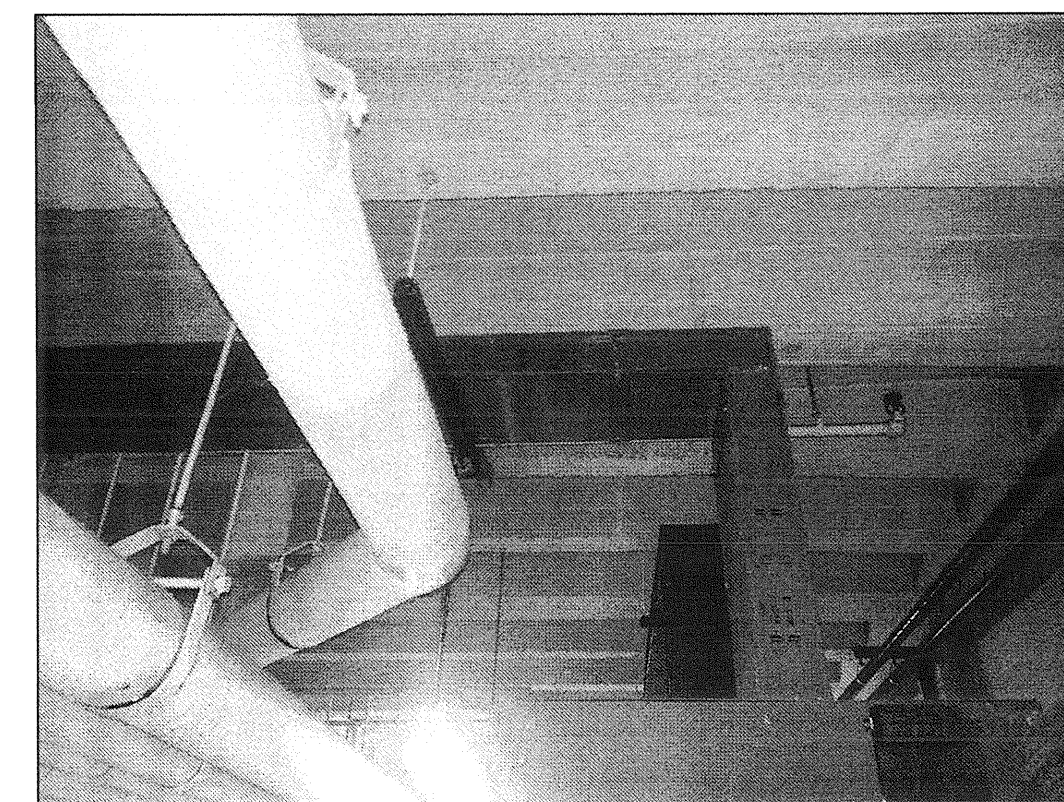
2 EXISTING PENTHOUSE PHOTOGRAPH #1
E208 NOT TO SCALE



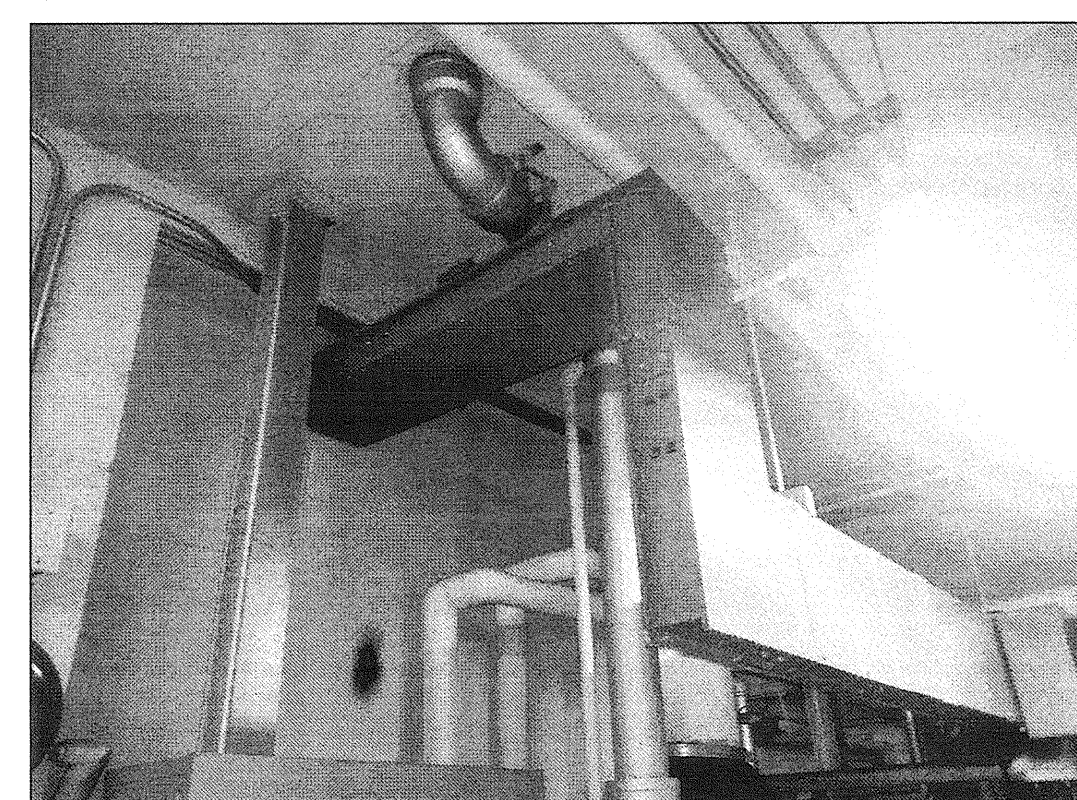
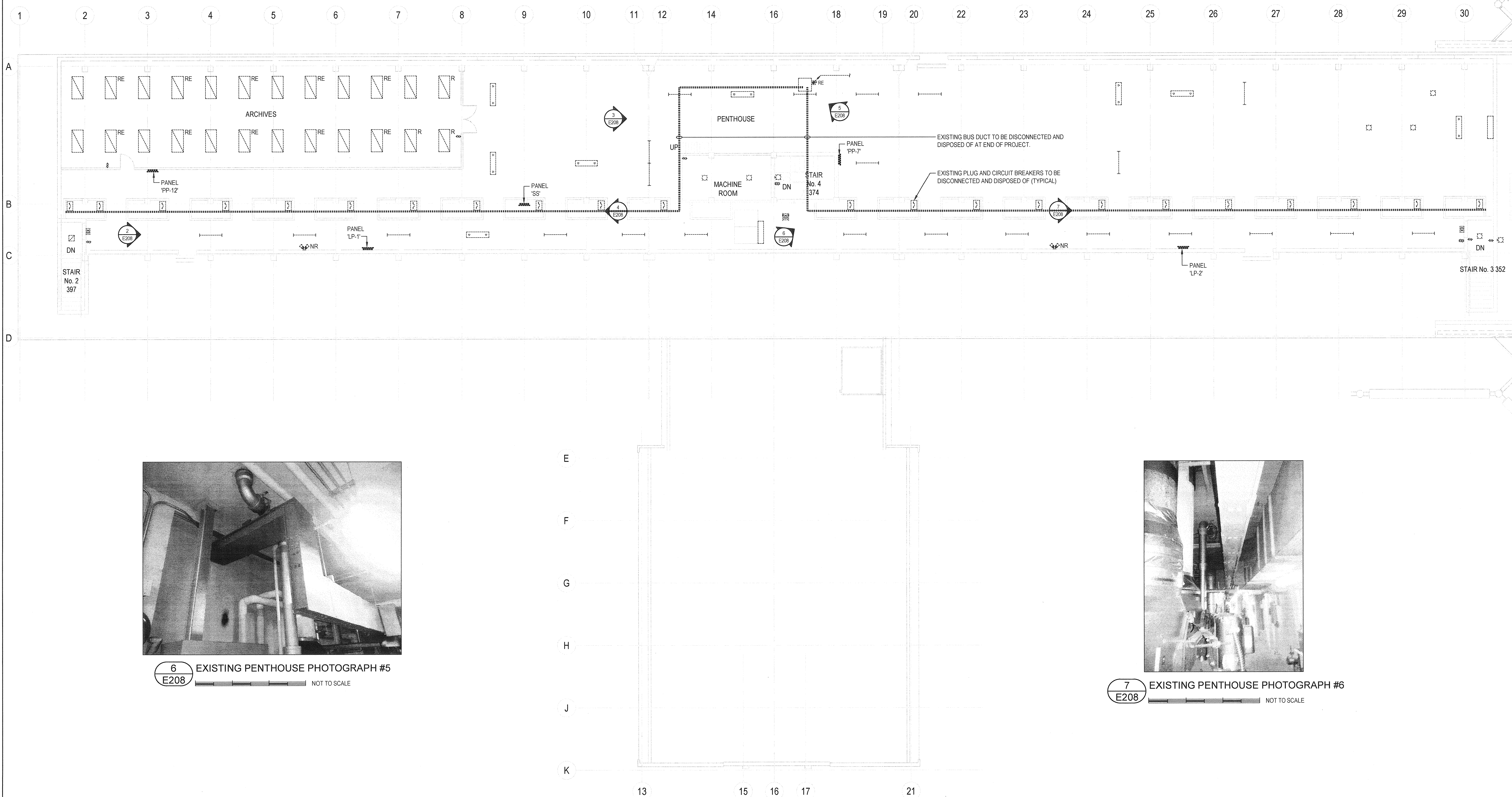
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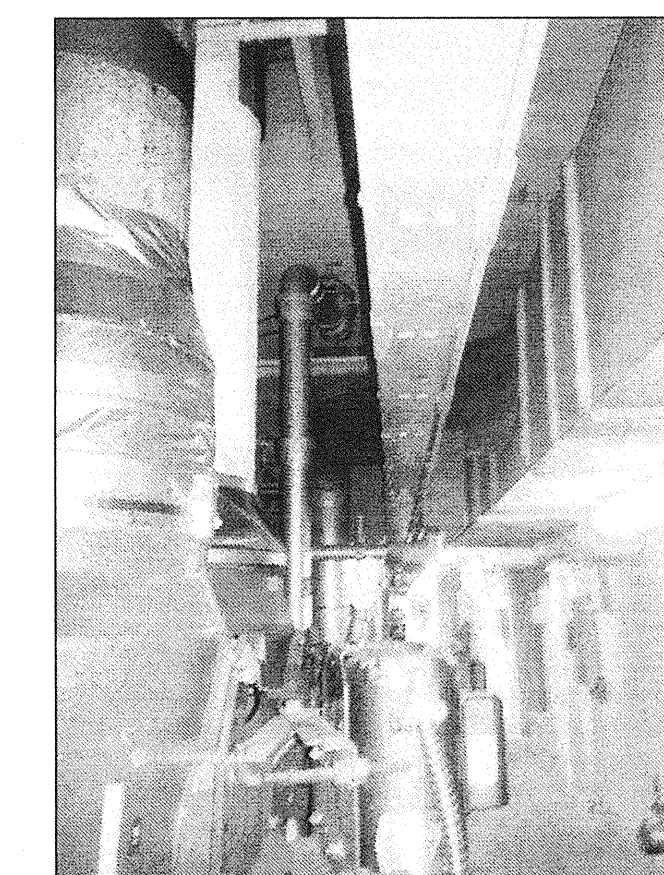
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5 EXISTING PENTHOUSE PHOTOGRAPH #4
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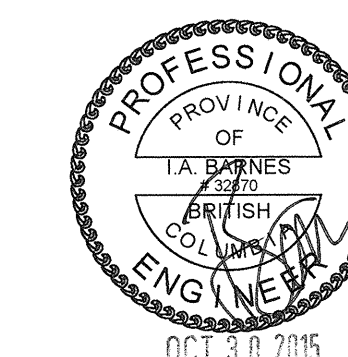
7 EXISTING PENTHOUSE PHOTOGRAPH #6
E208 NOT TO SCALE

1 EXISTING PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT
E208 1:100

KEYPLAN



PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 90% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Preetpal Paul

Drawing title/Titre du dessin
**EXISTING PARTIAL PENTHOUSE
LIGHTING AND POWER LAYOUT**

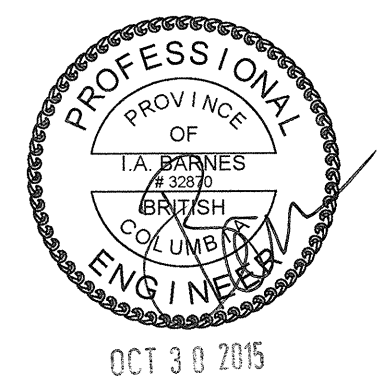
Project No./No. du projet
R.076284.001

Sheet/Fauille
E208
OF

Revision no./
La Révision
3



KEYPLAN



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

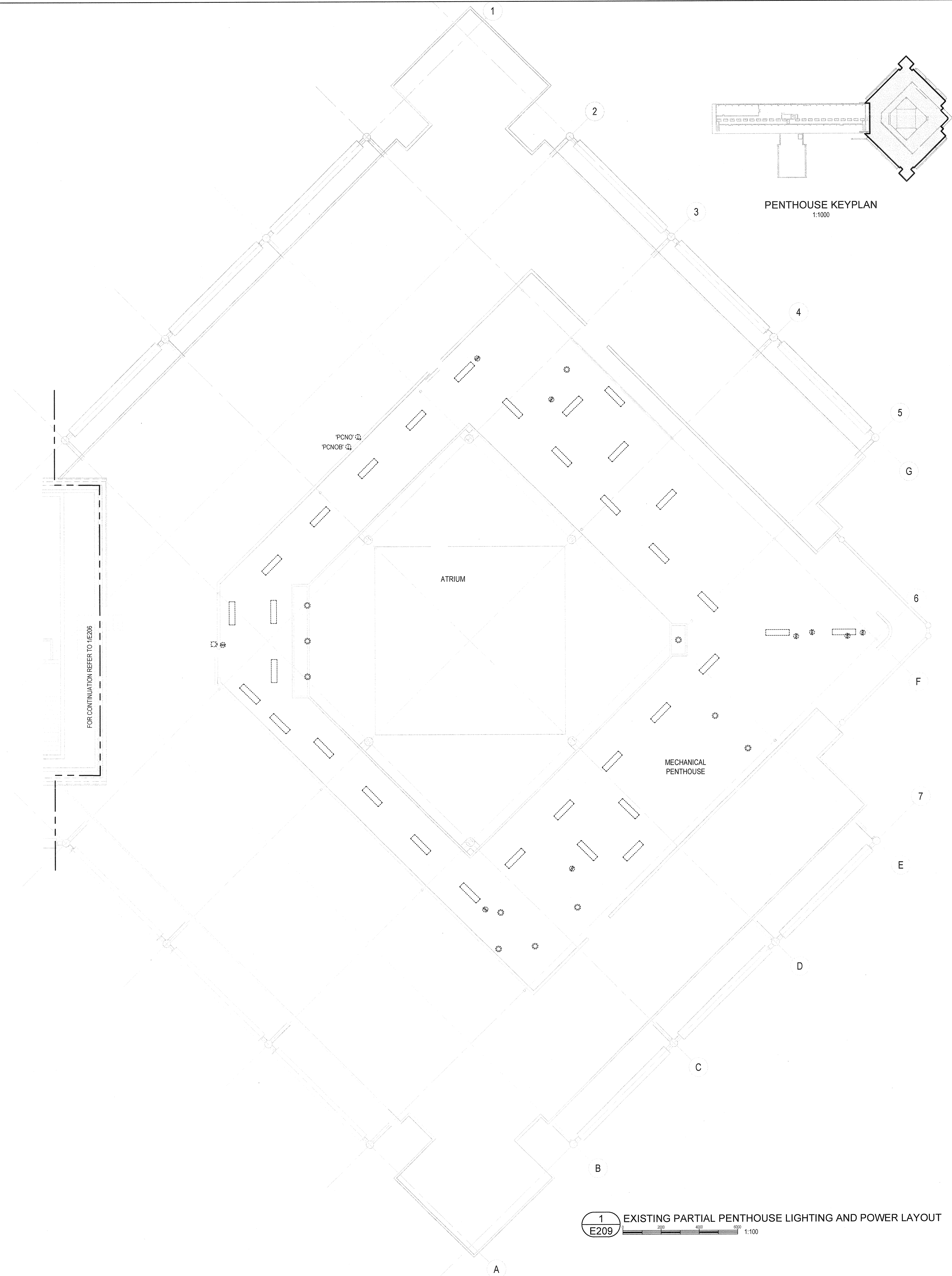
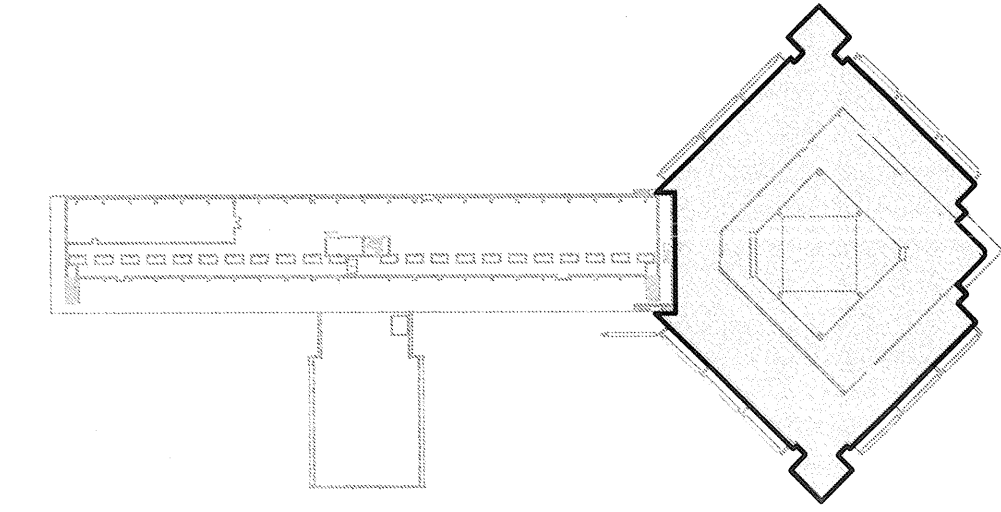
Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

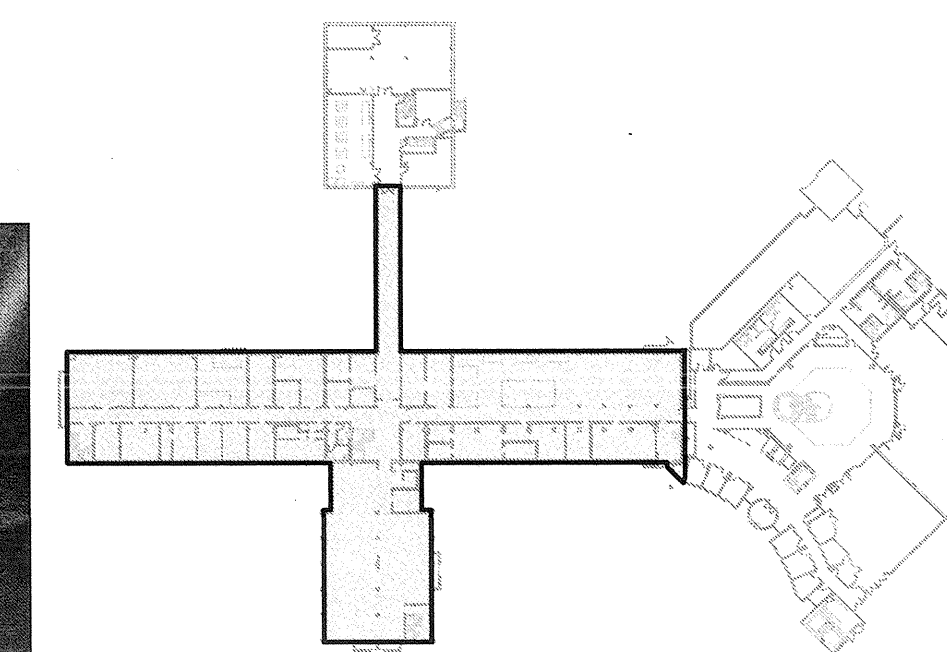
Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWGSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWGSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Prentiss Paul

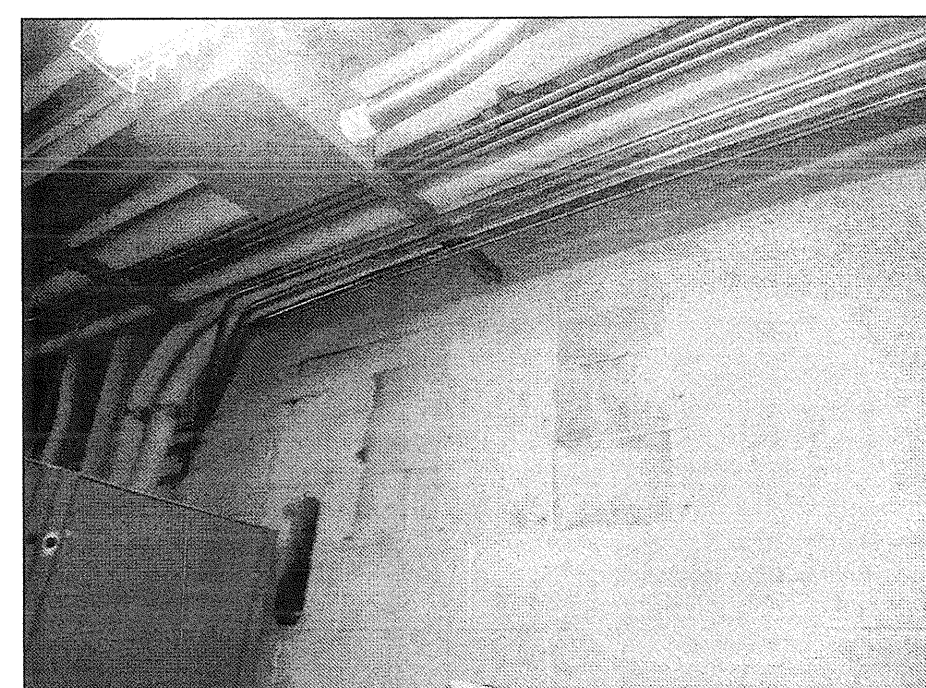
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EXISTING PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT

Project No./No. du projet R.076284.001	Sheet/Fauille E209 OF	Revision no./ La révision 3
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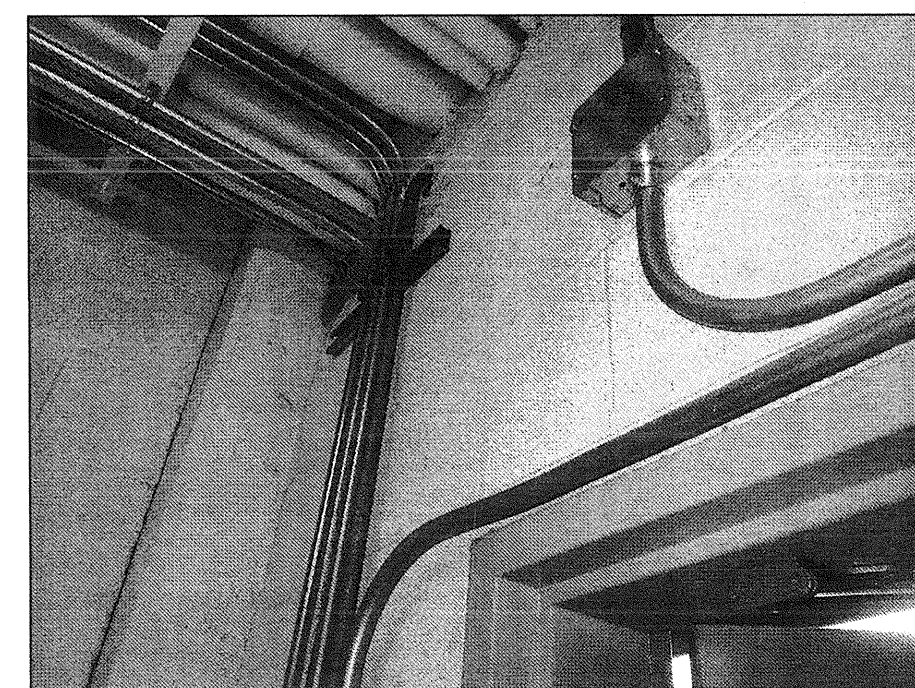




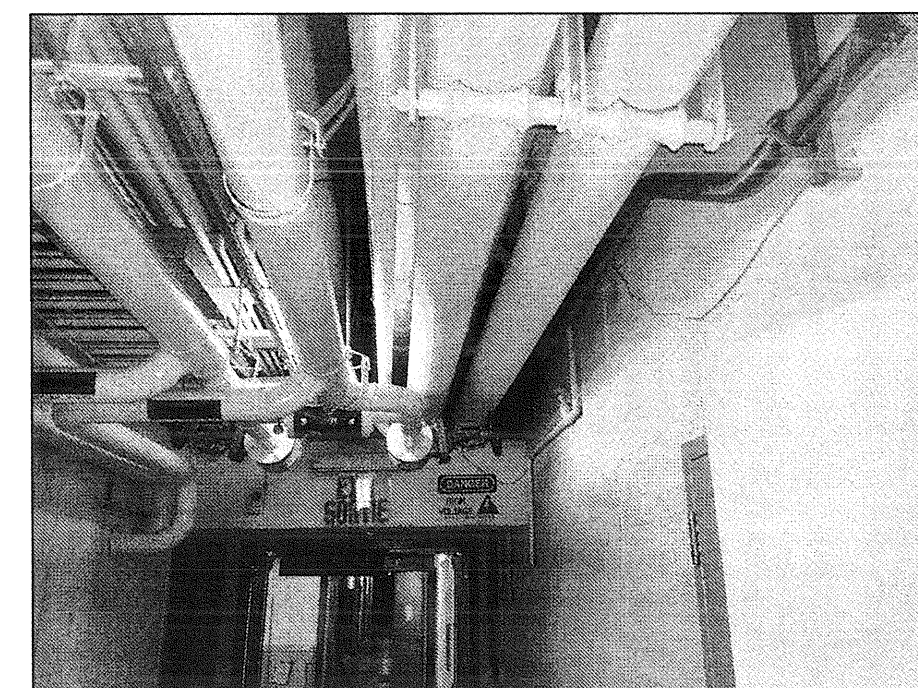
BASEMENT KEYPLAN
1:1000



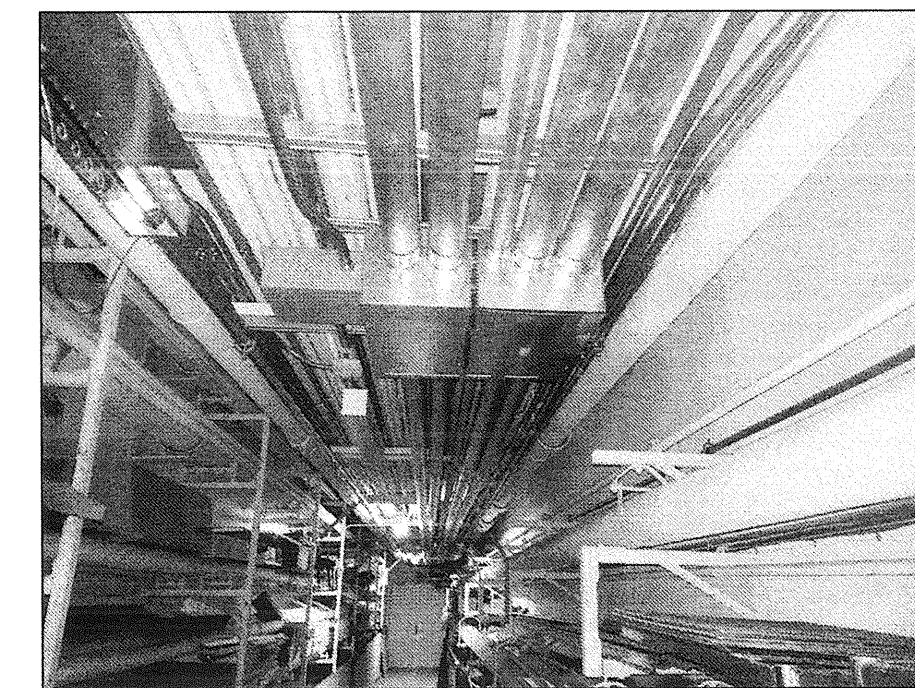
4 CONDUIT ROUTE PHOTOGRAPH #1
E300 NOT TO SCALE



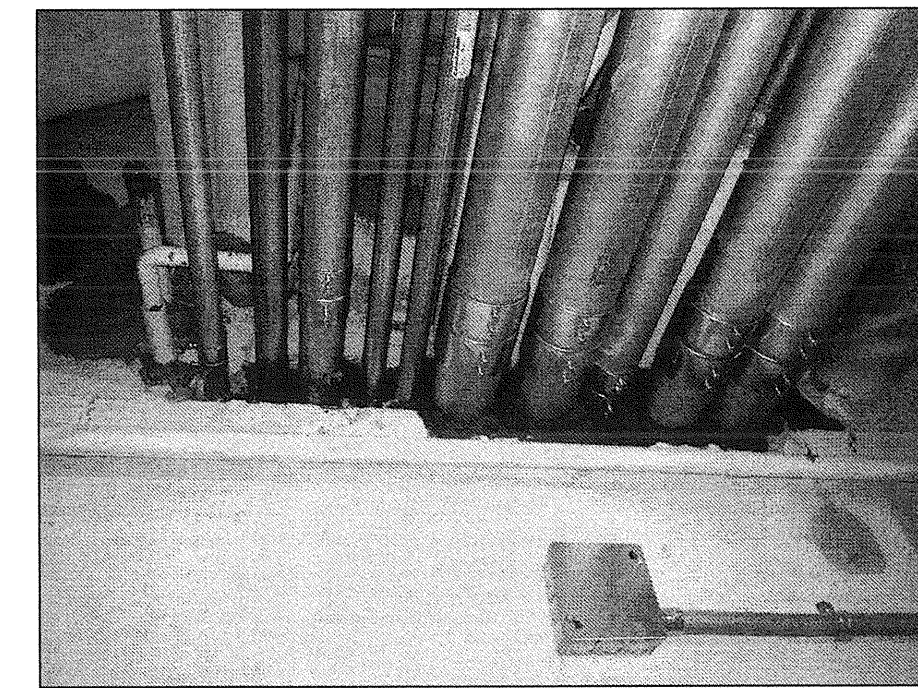
5 CONDUIT ROUTE PHOTOGRAPH #2
E300 NOT TO SCALE



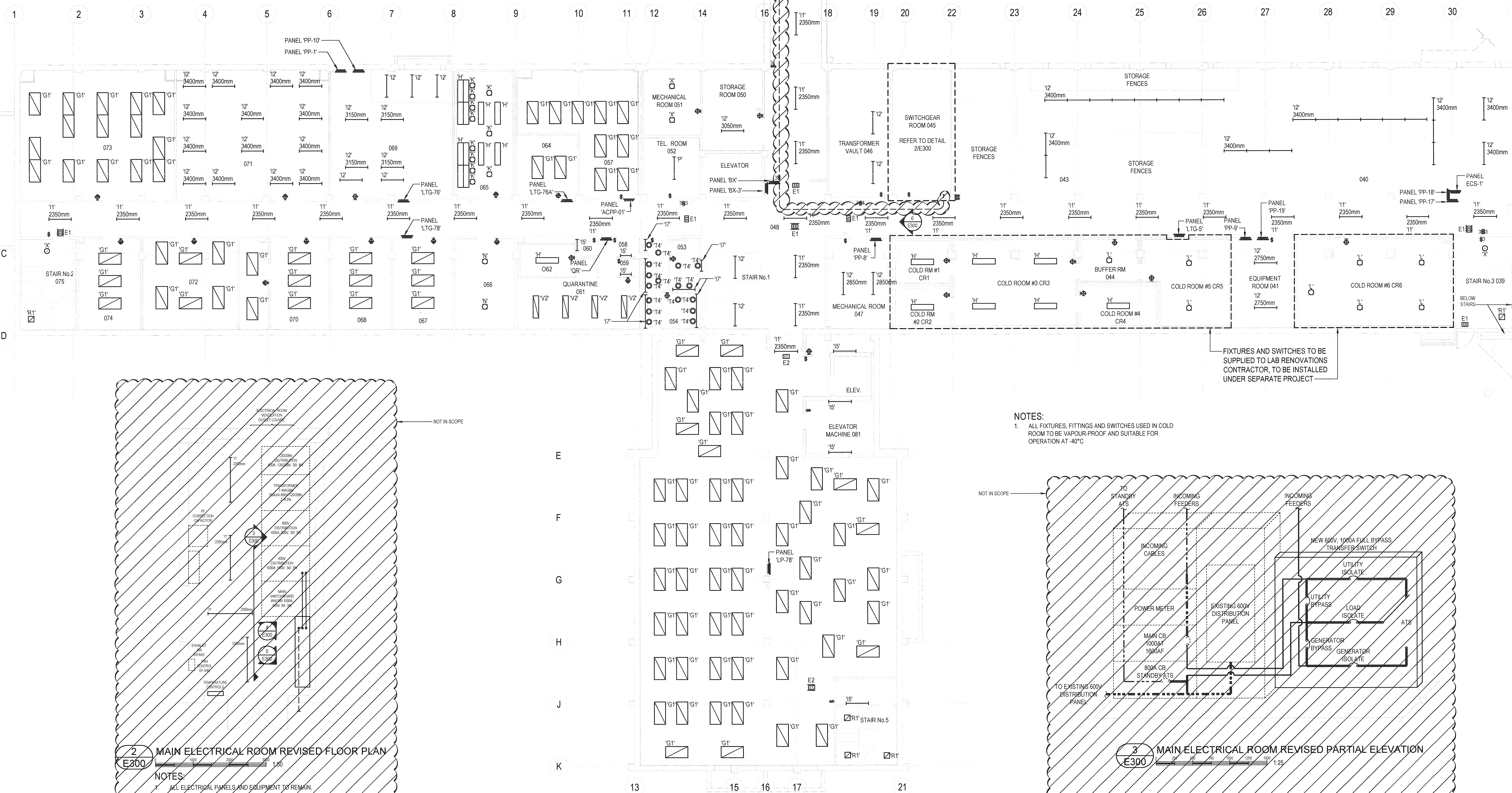
6 CONDUIT ROUTE PHOTOGRAPH #3
E300 NOT TO SCALE



7 CONDUIT ROUTE PHOTOGRAPH #4
E300 NOT TO SCALE



8 CONDUIT ROUTE PHOTOGRAPH #5
E300 NOT TO SCALE



2 MAIN ELECTRICAL ROOM REVISED FLOOR PLAN
E300 1:500

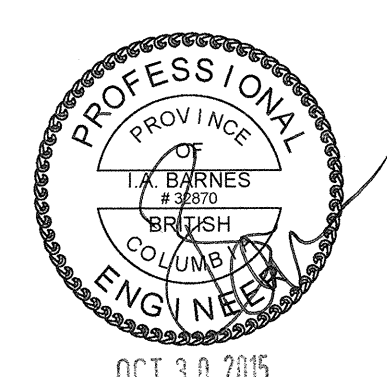
NOTES:
1. ALL ELECTRICAL PANELS AND EQUIPMENT TO REMAIN.
2. RELOCATE ALL EXISTING TEMPERATURE CONTROLS TO LOCATION SHOWN.

3 MAIN ELECTRICAL ROOM REVISED PARTIAL ELEVATION
E300 1:25

NOTES:
1. ALL FIXTURES, FITTINGS AND SWITCHES USED IN COLD ROOM TO BE VAPOUR-PROOF AND SUITABLE FOR OPERATION AT -40°C

FIXTURES AND SWITCHES TO BE SUPPLIED TO LAB RENOVATIONS CONTRACTOR, TO BE INSTALLED UNDER SEPARATE PROJECT

KEYPLAN
PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 90% REVIEW	SEPT 16 15
1	ISSUED FOR 30% REVIEW	AUG 28 15

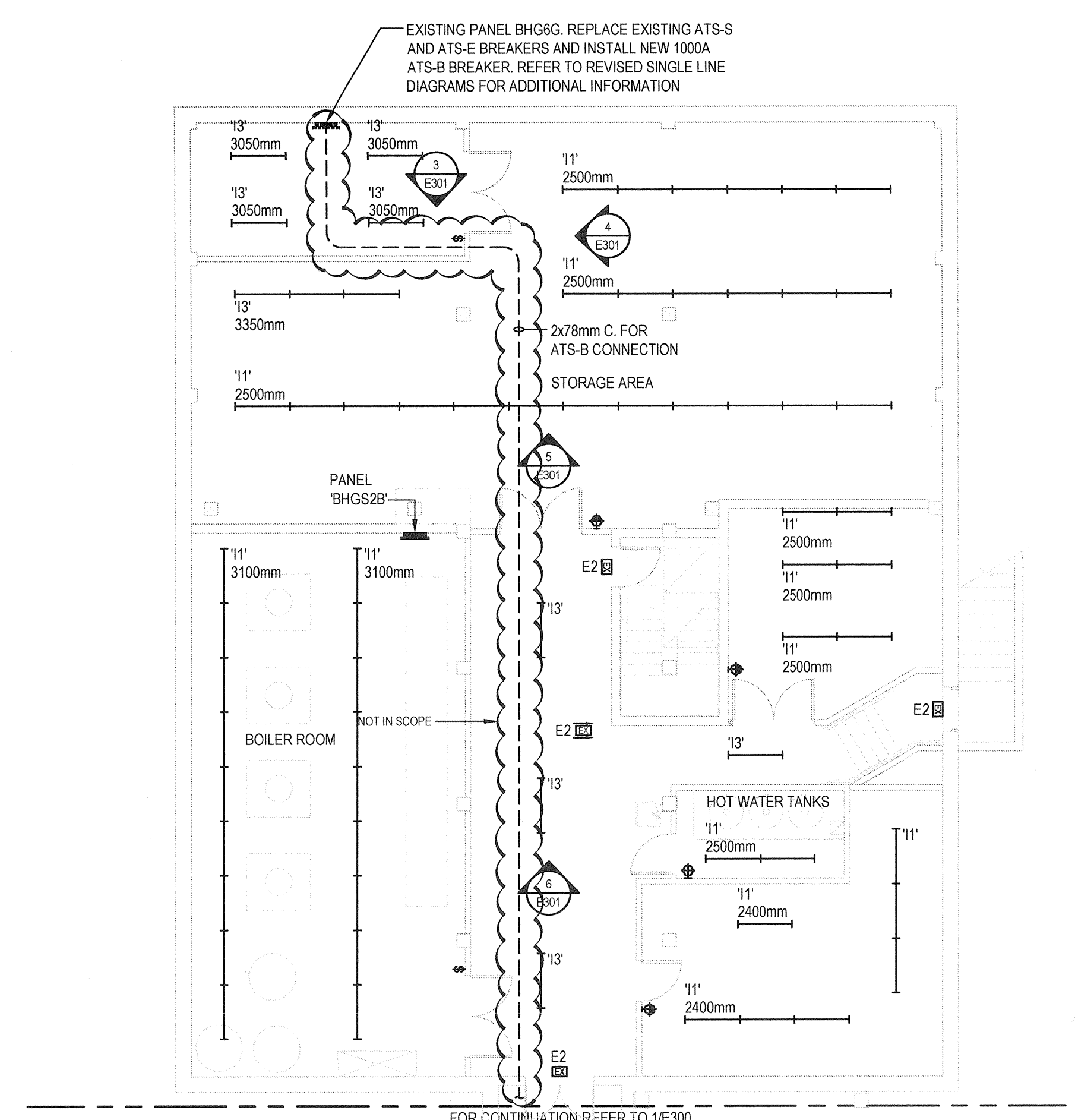
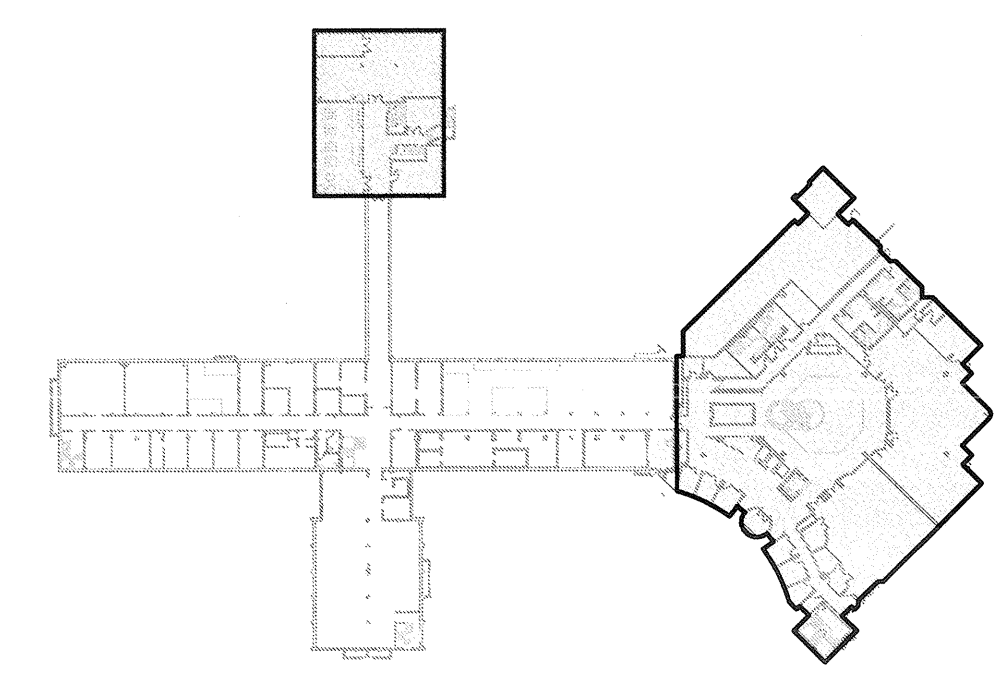
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

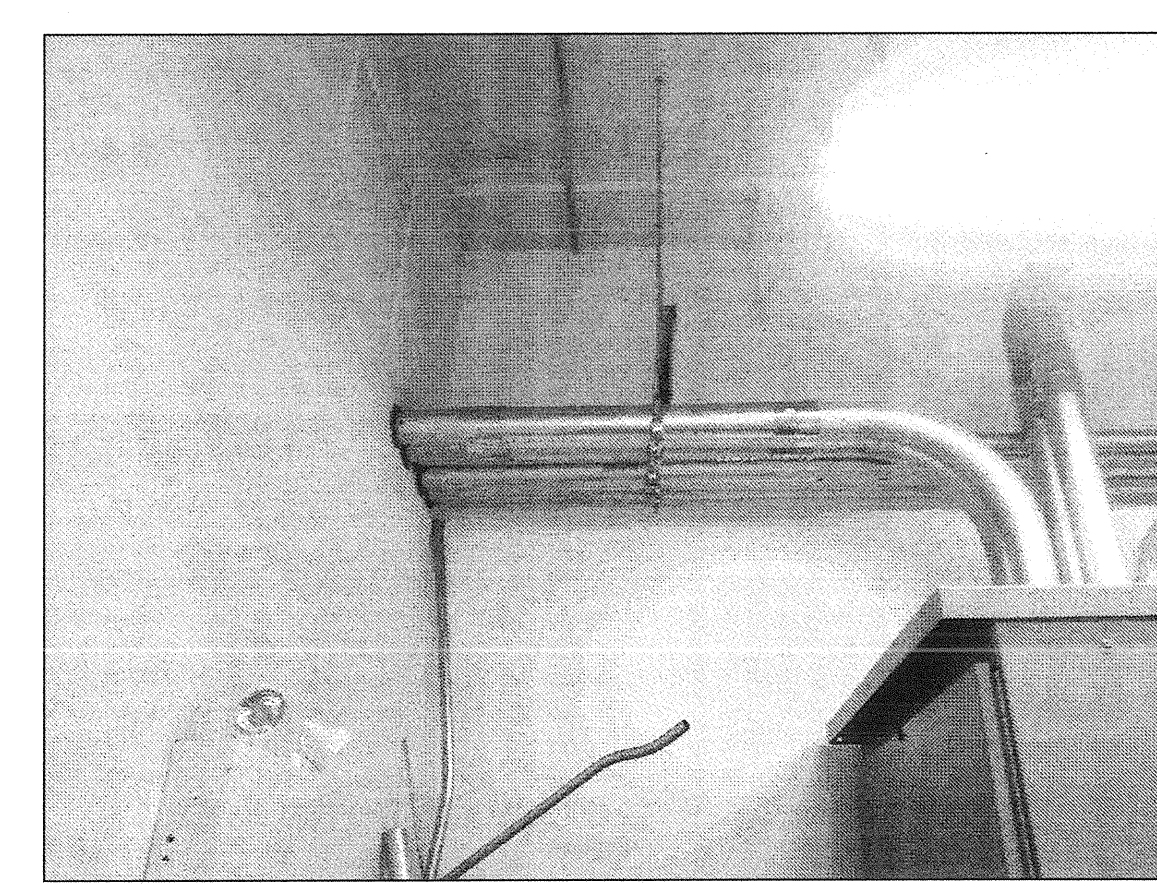
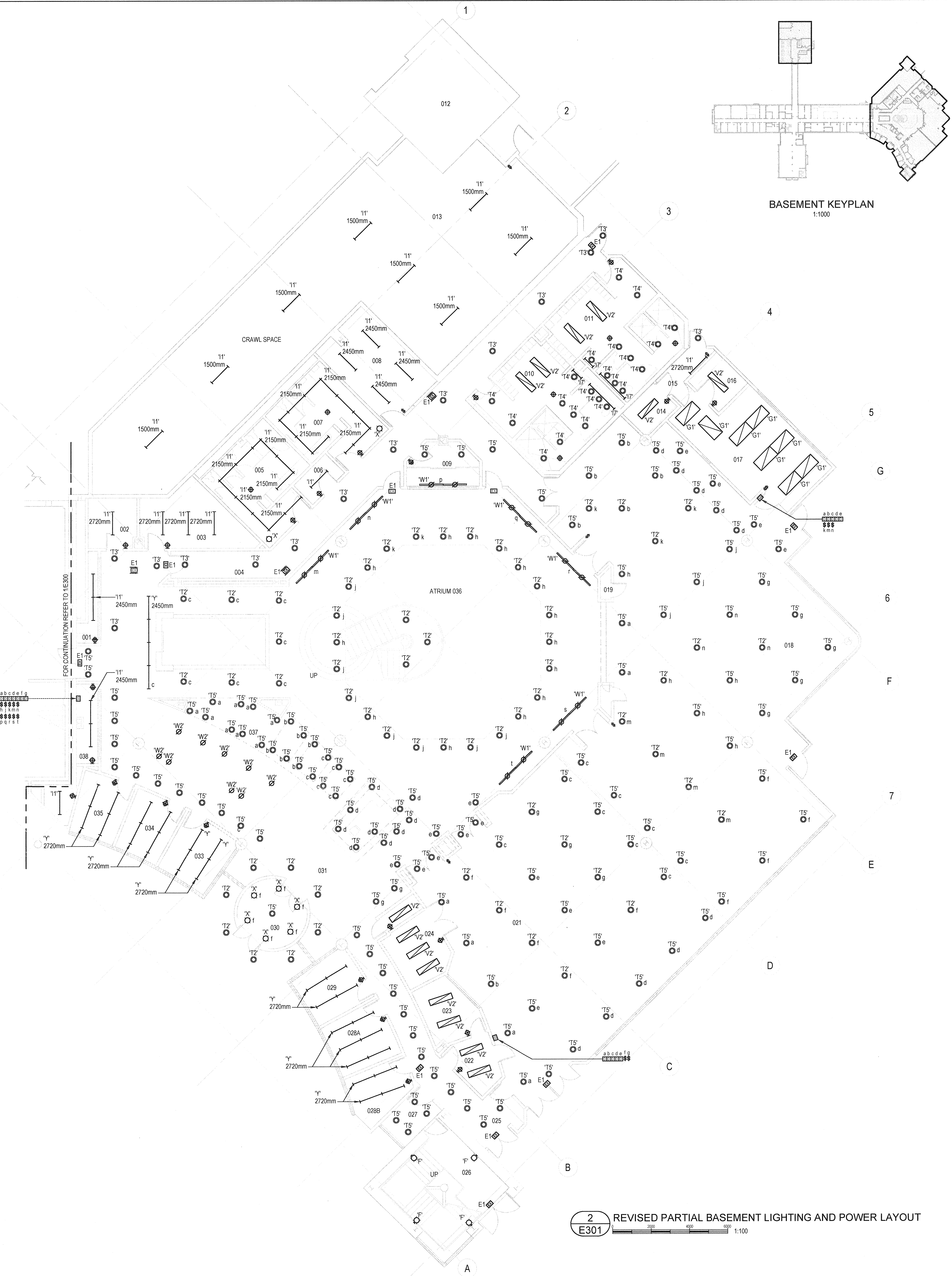
Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSSC Project Manager/Administrateur de Projets TPSSC
Jamie LeBlanc
PWSSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSSC
Prestipal Paul

Drawing title/Titre du dessin
**REVISED PARTIAL BASEMENT
LIGHTING AND POWER LAYOUT**

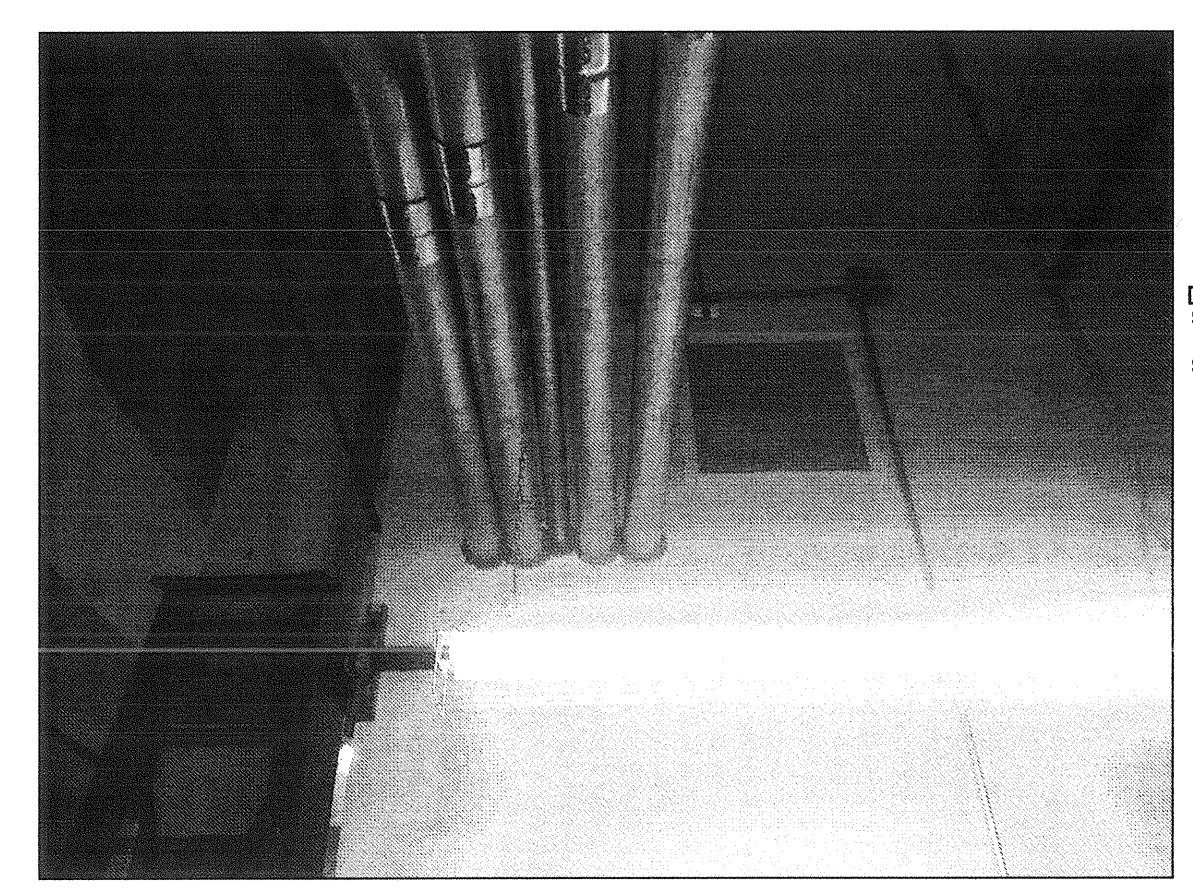
Project No./No. du projet R.076284.001	Sheet/Fauille E300 OF	Revision no./ La Révision no. 3
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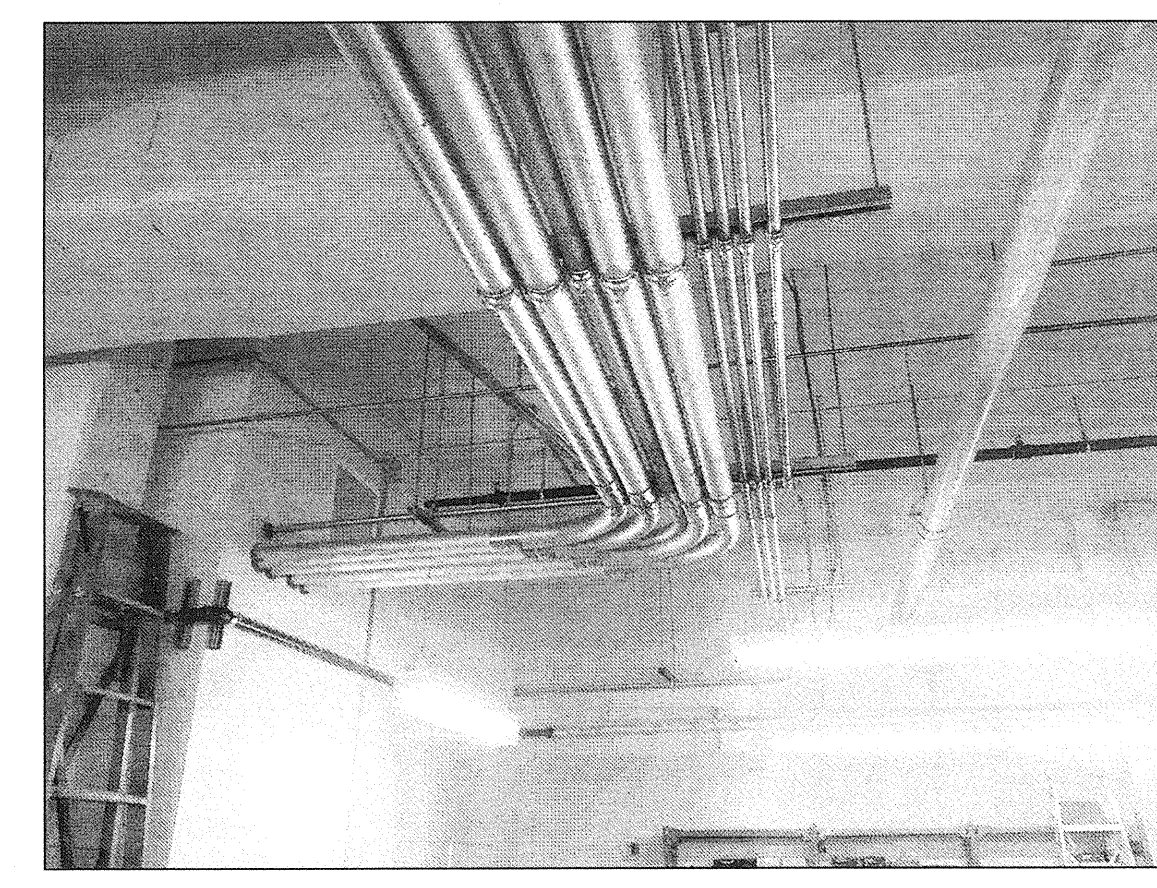
1 REVISED PARTIAL BASEMENT LIGHTING AND POWER LAYOUT
E301 1:100



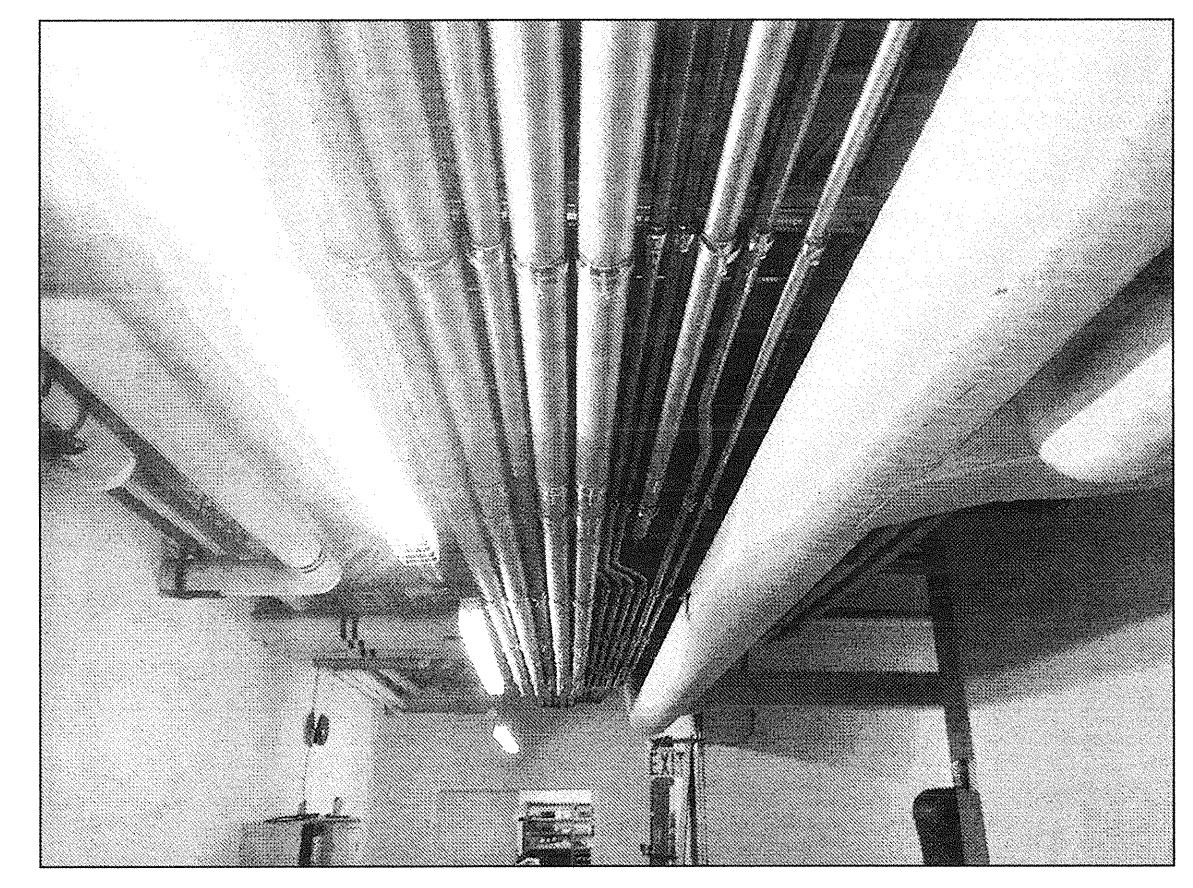
3 CONDUIT ROUTE PHOTOGRAPH #1
E301 NOT TO SCALE



4 CONDUIT ROUTE PHOTOGRAPH #2
E301 NOT TO SCALE



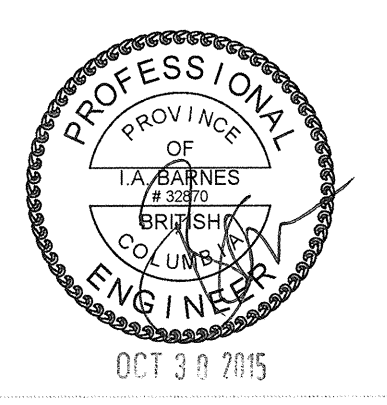
5 CONDUIT ROUTE PHOTOGRAPH #3
E301 NOT TO SCALE



6 CONDUIT ROUTE PHOTOGRAPH #4
E301 NOT TO SCALE

KEYPLAN

PROJECT NORTH



Revision/	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 90% REVIEW	SEPT 16, 15
1	ISSUED FOR 33% REVIEW	AUG 28, 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only

Designed by/Concept par
IAB

Drawn by/Dessiné par
JB / NH

PWGC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc

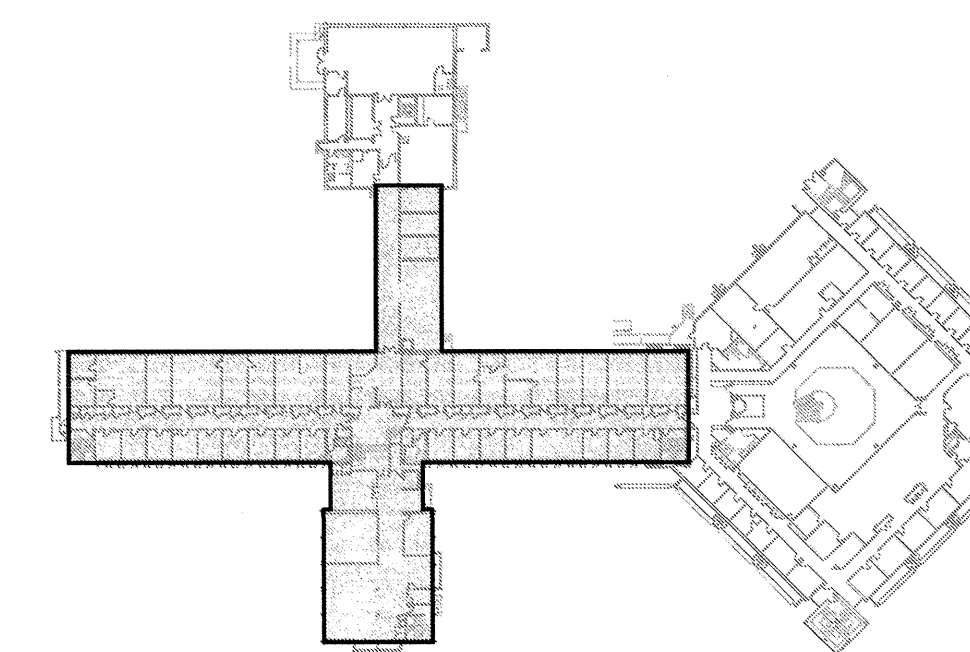
PWGC Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architecture et de génie, TPSGC
Preetipal Paul

Drawing title/Titre du dessin

REVISED PARTIAL BASEMENT LIGHTING AND POWER LAYOUT

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.076284.001	E301 OF	3



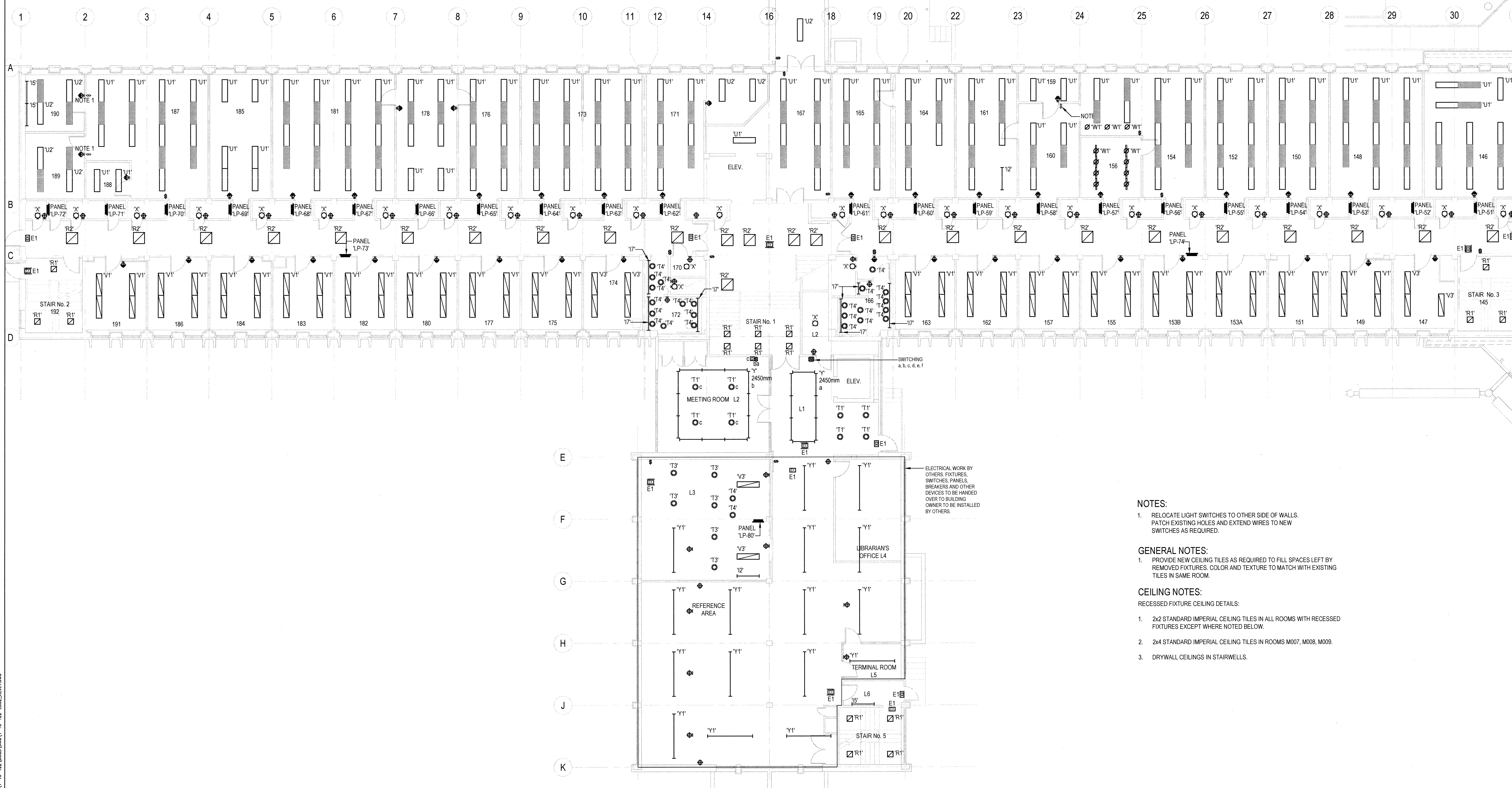


LEVEL 1 KEYPLAN
1:1000

KEYPLAN

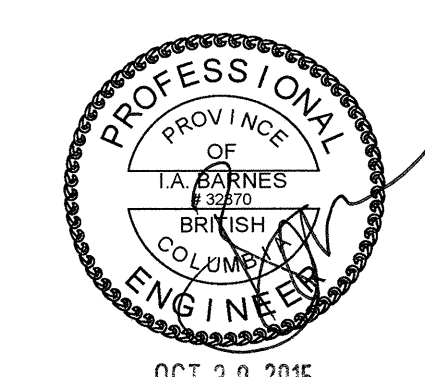


PROJECT NORTH



FOR CONTINUATION REFER TO 2/E303

FOR CONTINUATION REFER TO 2/E303



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT.30.15
2	ISSUED FOR 99% REVIEW	SEPT.16.15
1	ISSUED FOR 33% REVIEW	AUG.28.15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Preestipal Paul

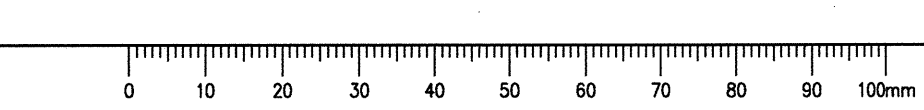
Drawing title/Titre du dessin
**REVISED PARTIAL LEVEL 1
LIGHTING AND POWER LAYOUT**

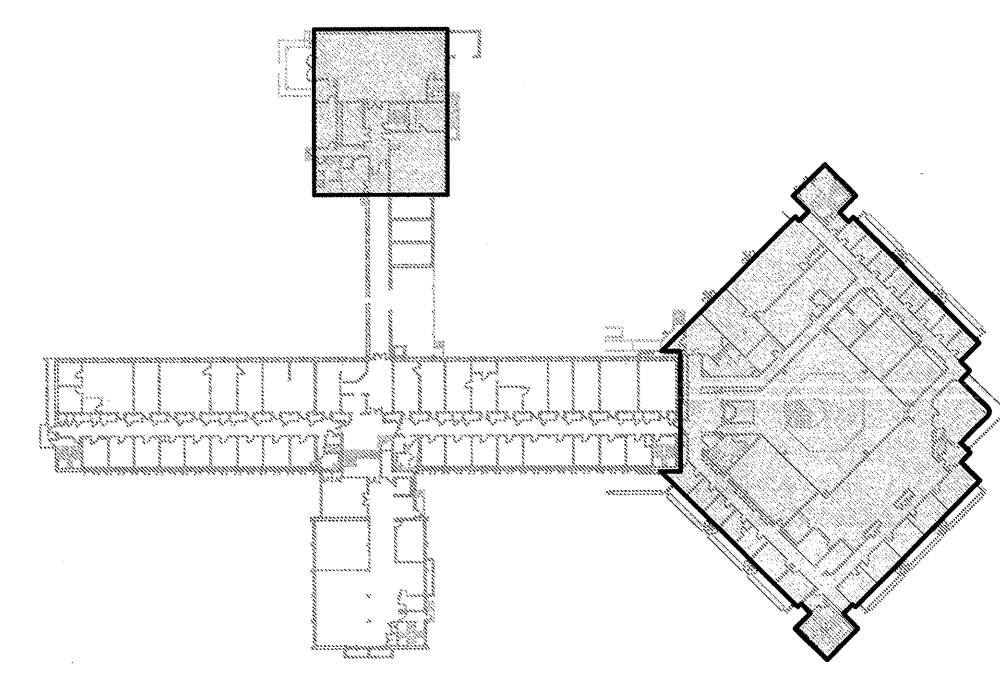
Project No./No. du projet R.076284.001	Sheet / feuille E302 OF	Revision no./ La Révision no. 3
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- NOTES:**
- RELOCATE LIGHT SWITCHES TO OTHER SIDE OF WALLS. PATCH EXISTING HOLES AND EXTEND WIRES TO NEW SWITCHES AS REQUIRED.
- GENERAL NOTES:**
- PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.
- CEILING NOTES:**
- RECESSED FIXTURE CEILING DETAILS:
- 2x2 STANDARD IMPERIAL CEILING TILES IN ALL ROOMS WITH RECESSED FIXTURES EXCEPT WHERE NOTED BELOW.
 - 2x4 STANDARD IMPERIAL CEILING TILES IN ROOMS M007, M008, M009.
 - DRYWALL CEILINGS IN STAIRWELLS.

ELECTRICAL WORK BY OTHERS: FIXTURES, SWITCHES, PANELS, BREAKERS AND OTHER DEVICES TO BE HANDED OVER TO BUILDING OWNER TO BE INSTALLED BY OTHERS.

1
E302 REVISED PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
1:100

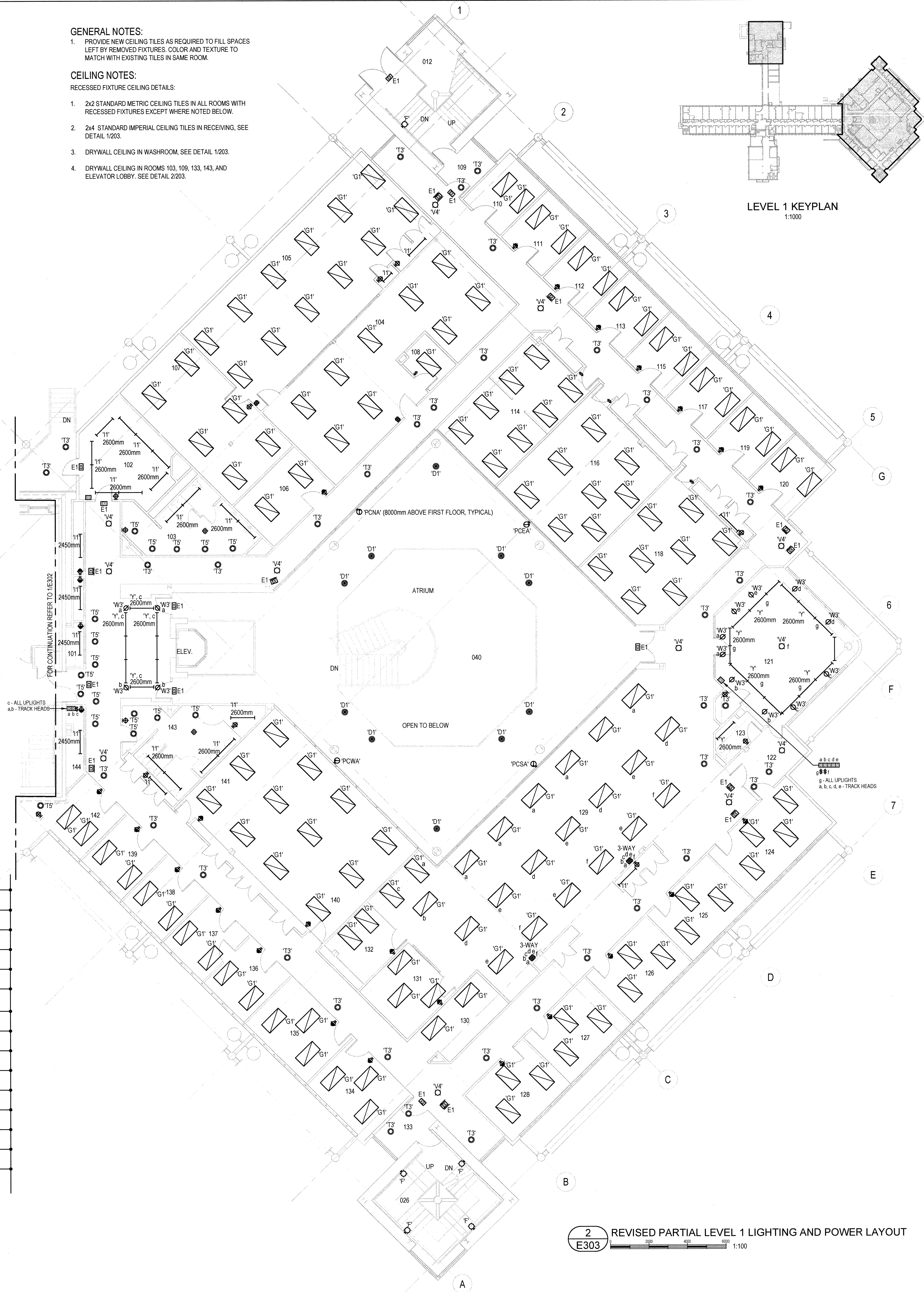




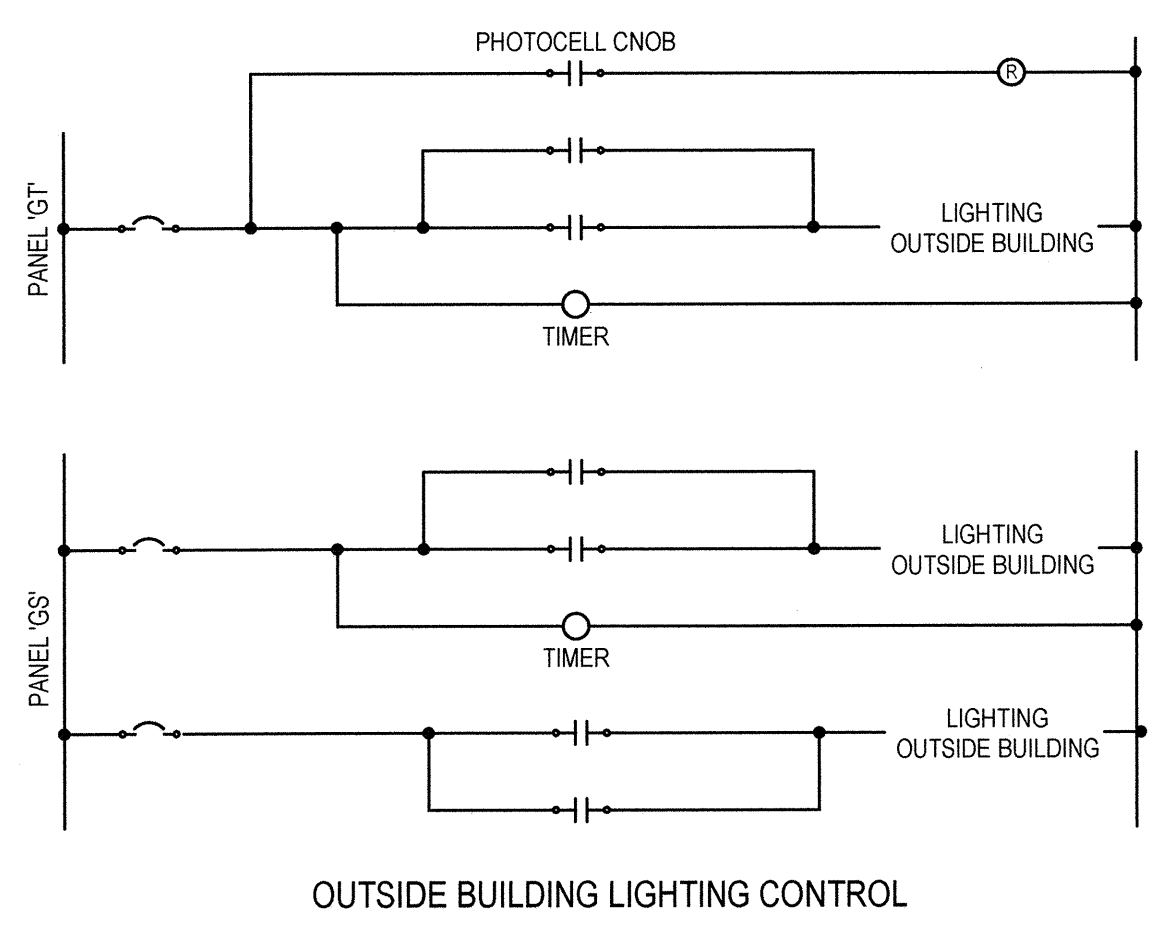
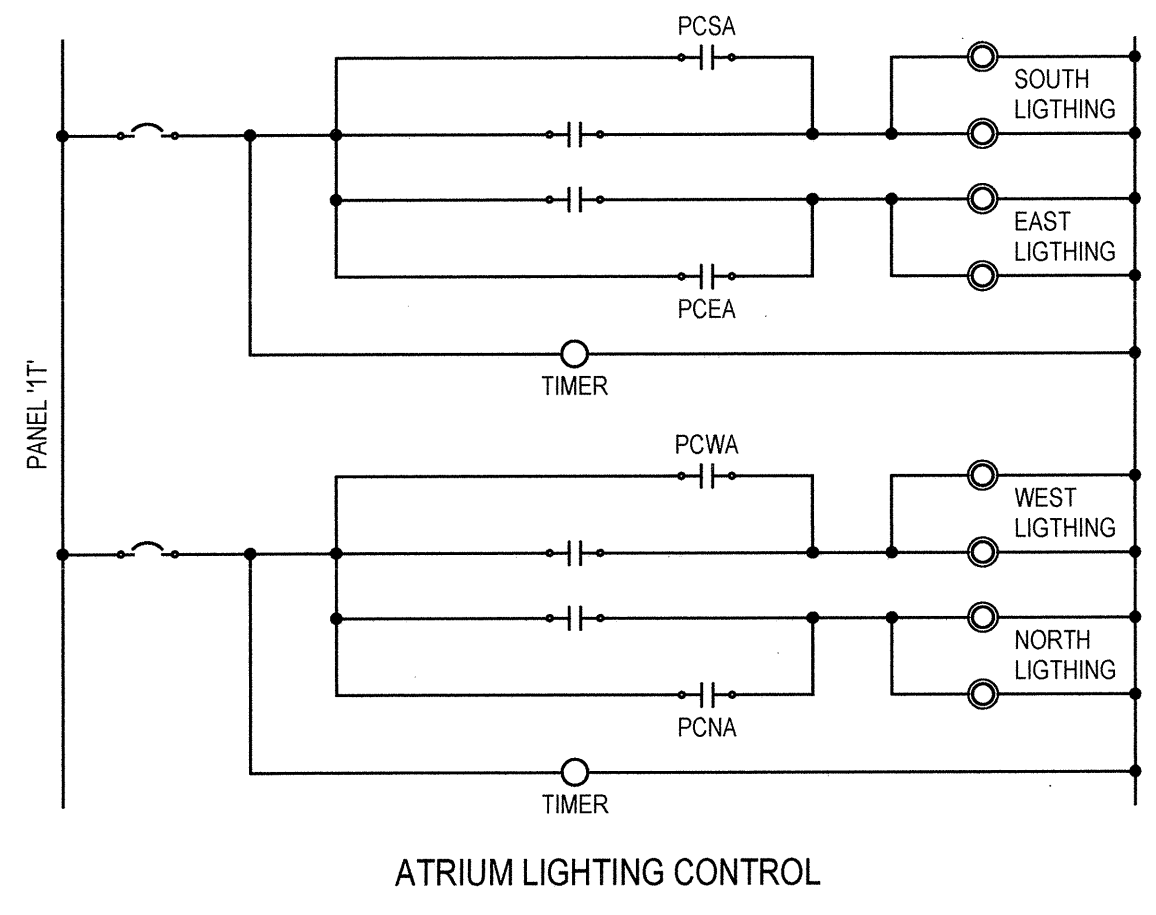
- GENERAL NOTES:**
1. PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.
- CEILING NOTES:**
- RECESSED FIXTURE CEILING DETAILS:
1. 2x2 STANDARD METRIC CEILING TILES IN ALL ROOMS WITH RECESSED FIXTURES EXCEPT WHERE NOTED BELOW.
 2. 2x4 STANDARD IMPERIAL CEILING TILES IN RECEIVING, SEE DETAIL 1/203.
 3. DRYWALL CEILING IN WASHROOM, SEE DETAIL 1/203.
 4. DRYWALL CEILING IN ROOMS 103, 109, 133, 143, AND ELEVATOR LOBBY, SEE DETAIL 2/203.



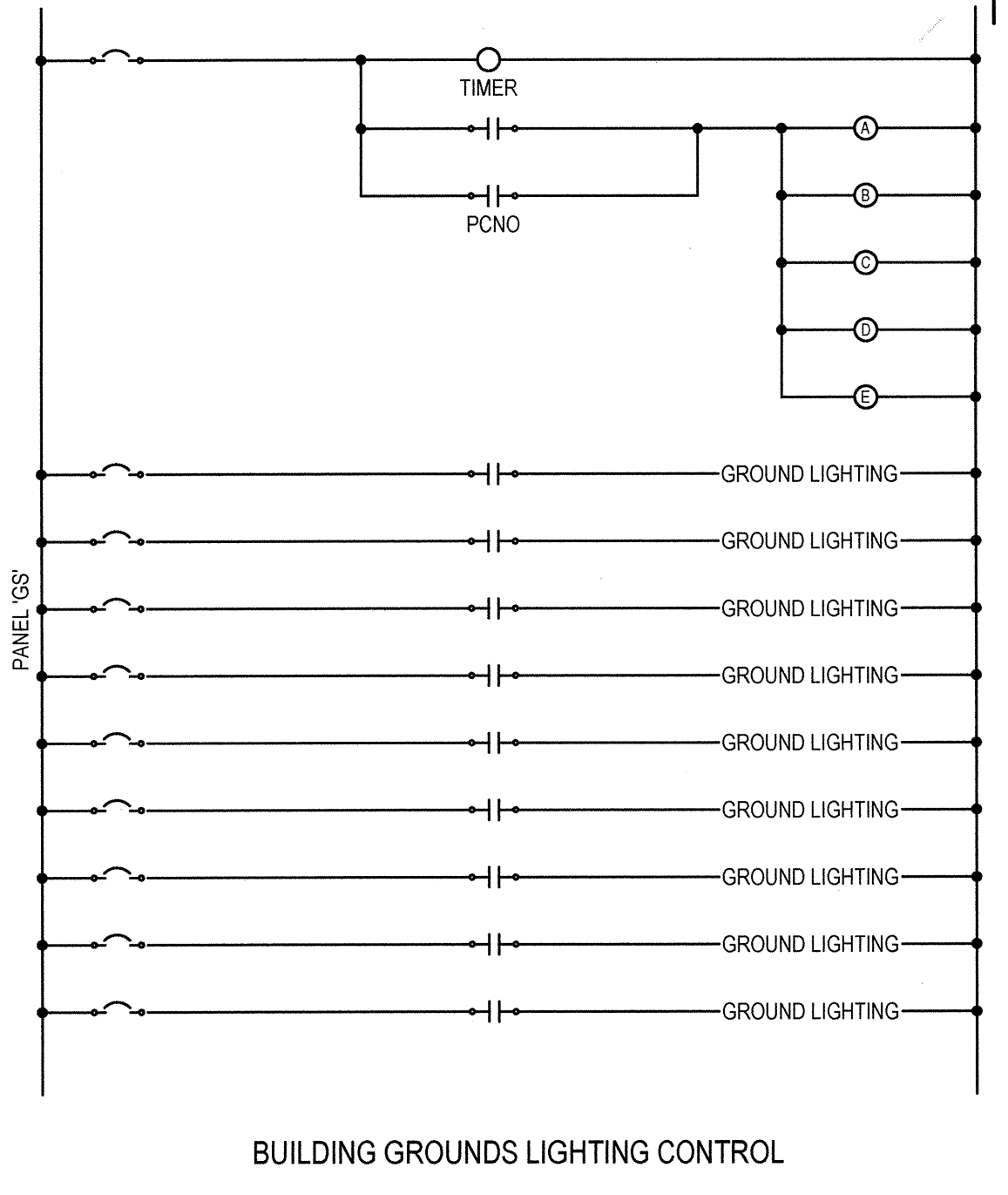
1 REVISED PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E303



2 REVISED PARTIAL LEVEL 1 LIGHTING AND POWER LAYOUT
E303



3 REVISED LIGHTING CONTROL SYSTEM
E201



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT.30.15
2	ISSUED FOR 50% REVIEW	SEPT.16.15
1	ISSUED FOR 30% REVIEW	AUG.28.15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

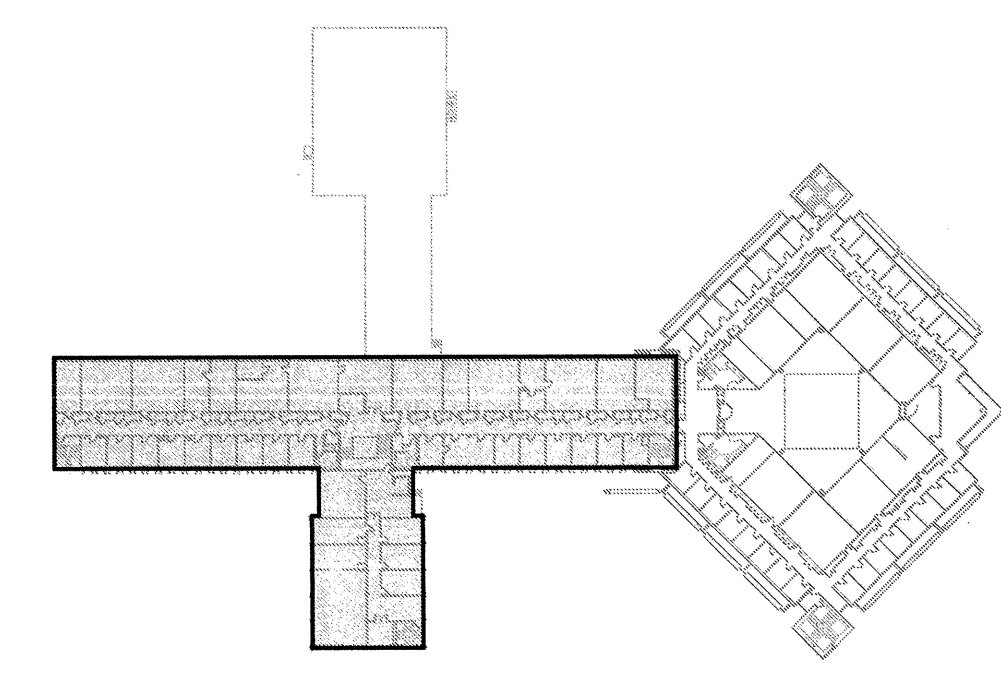
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSSC Project Manager/Administrateur de Projets TPSSC
Jamie LeBlanc
PWSSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSSC
Proetipal Paul

Drawing title/Titre du dessin
**REVISED PARTIAL LEVEL 1
LIGHTING AND POWER LAYOUT**

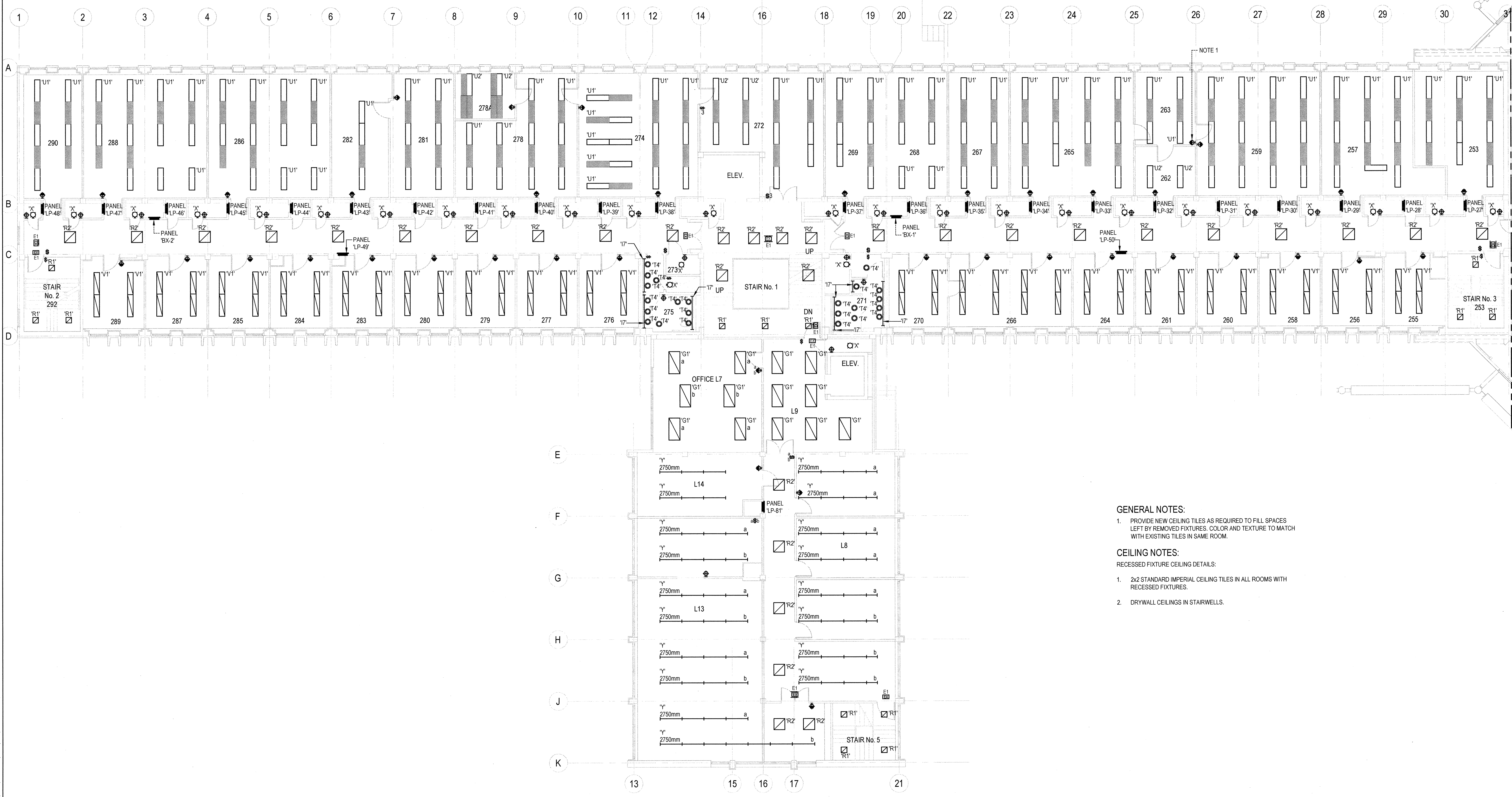
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.076284.001	E303 OF	3





LEVEL 2 KEYPLAN
1:1000

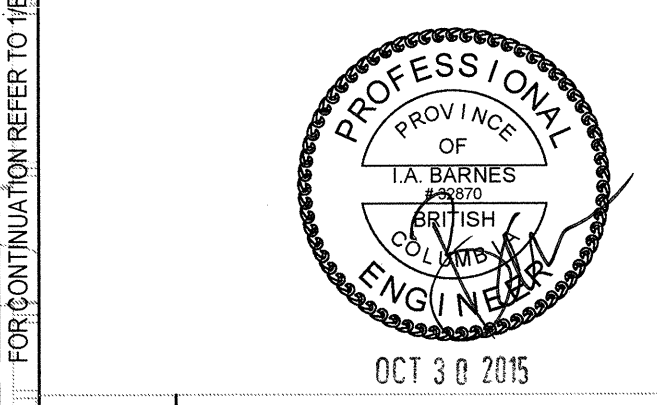
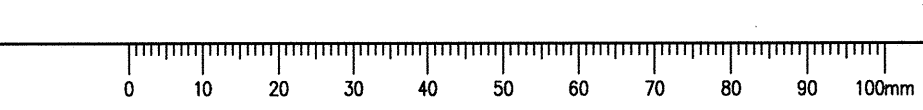
KEYPLAN
PROJECT NORTH



GENERAL NOTES:
1. PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.

CEILING NOTES:
RECESSED FIXTURE CEILING DETAILS:
1. 2x2 STANDARD IMPERIAL CEILING TILES IN ALL ROOMS WITH RECESSED FIXTURES.
2. DRYWALL CEILINGS IN STAIRWELLS.

1
E304 REVISED PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT
1:1000



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

Consultant Signature Box Only

Designed by/Concept par
IAB

Drawn by/Dessiné par
JB / NH

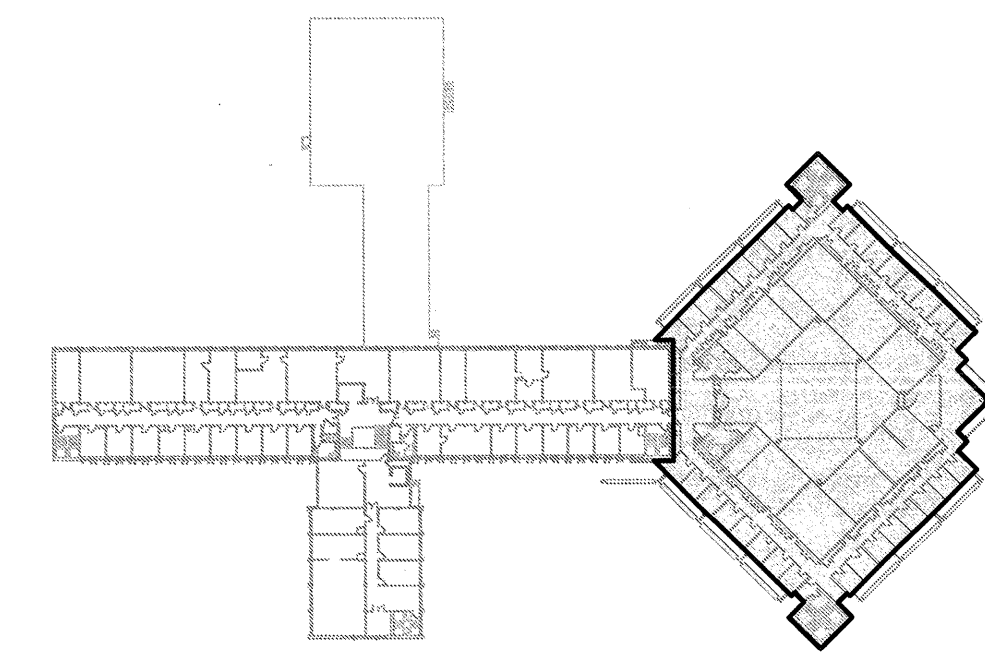
PWGC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc

PWGC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Principal Paul

Drawing title/Titre du dessin
**REVISED PARTIAL LEVEL 2
LIGHTING AND POWER LAYOUT**

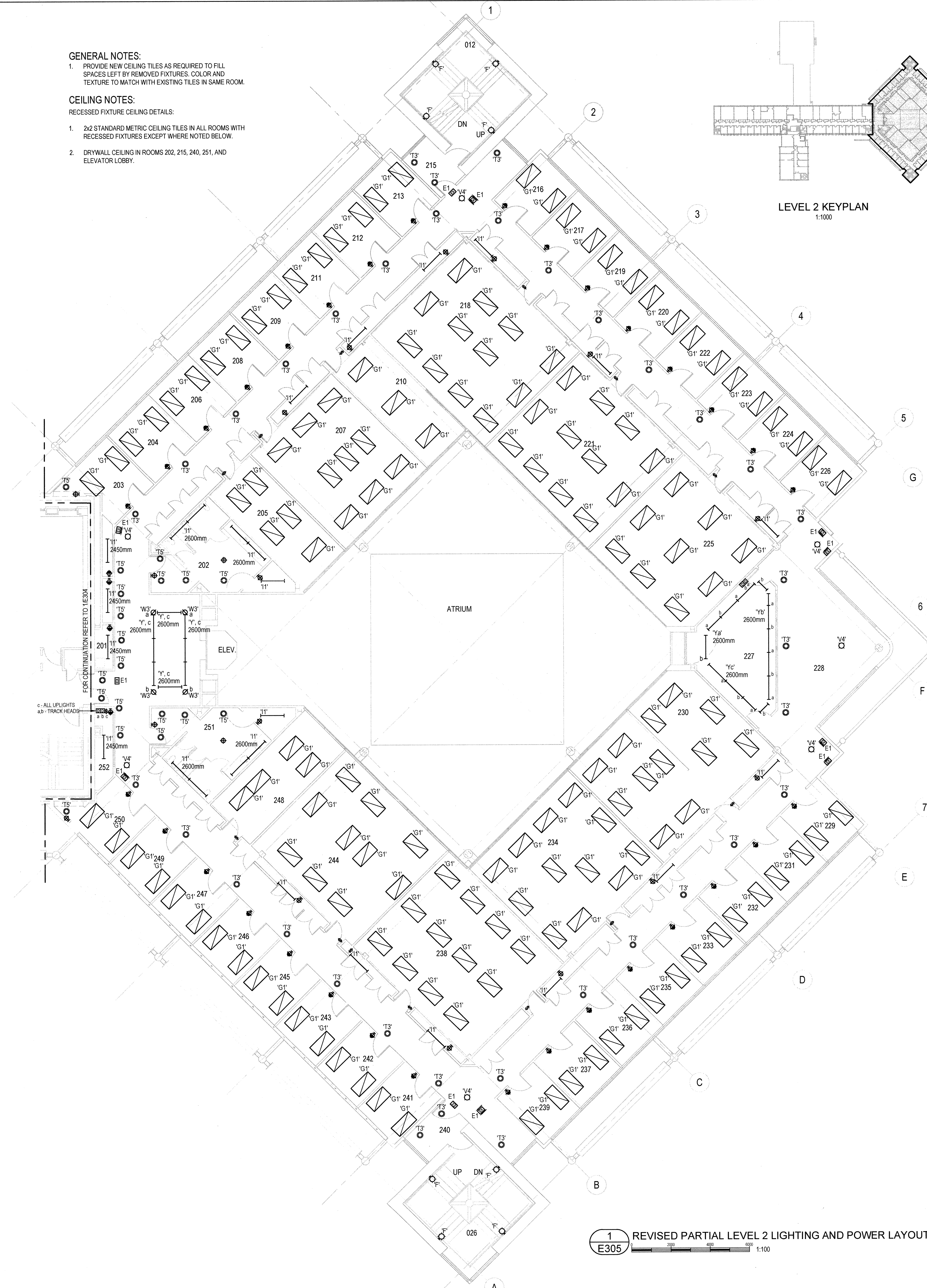
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.076284.001	E304 OF	3



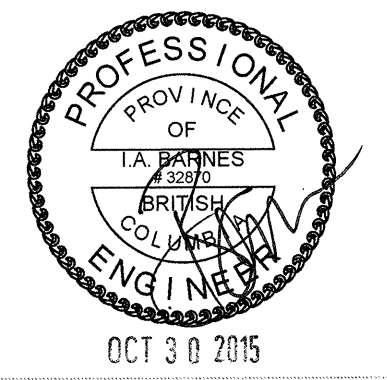


LEVEL 2 KEYPLAN 1:1000

- GENERAL NOTES:**
1. PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.
- CEILING NOTES:**
- RECESSED FIXTURE CEILING DETAILS:
1. 2x2 STANDARD METRIC CEILING TILES IN ALL ROOMS WITH RECESSED FIXTURES EXCEPT WHERE NOTED BELOW.
 2. DRYWALL CEILING IN ROOMS 202, 215, 240, 251, AND ELEVATOR LOBBY.



KEYPLAN PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 80% REVIEW	SEPT 16, 15
1	ISSUED FOR 30% REVIEW	AUG 28, 15

Client/client: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

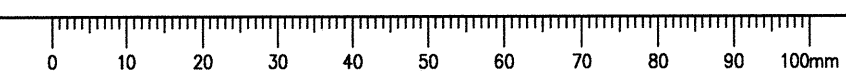
Project title/Titre du projet: PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE
Lighting & Power Distribution Upgrade

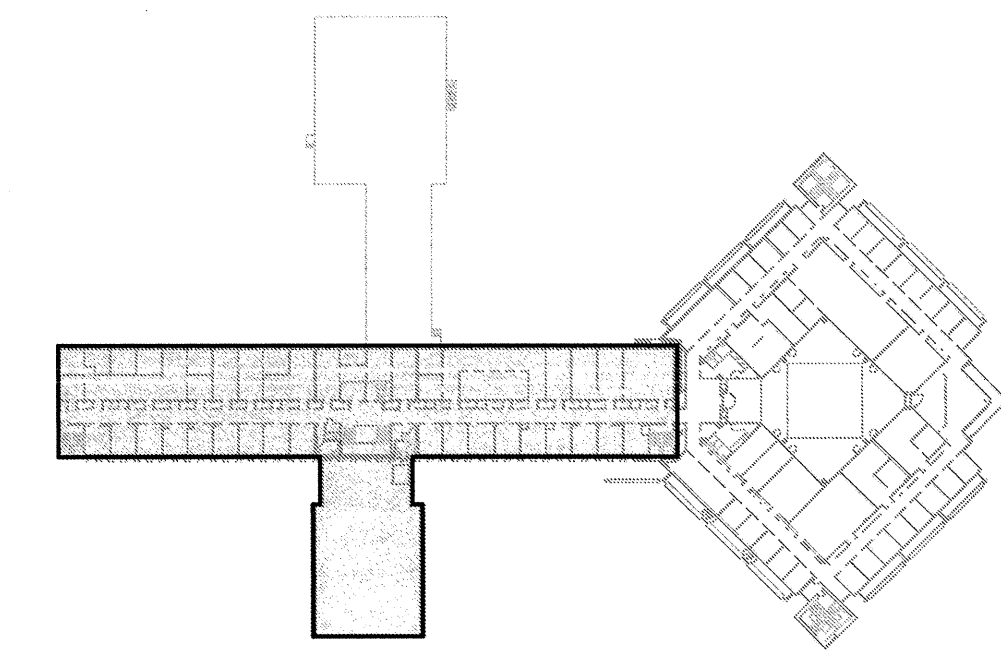
Designed by/Concept par: IAB
Drawn by/Dessiné par: JB / NH
PWSSC Project Manager/Administrateur de Projets TPSOC: Jamie LeBlanc
PWSSC Regional Manager, Architectural and Engineering Services/Gestionnaire régionale, Services d'architecture et de génie, TPSOC: Proetipal Paul

Drawing title/Titre du dessin: REVISED PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT

Project No./No. du projet: R.076284.001	Sheet/Feuille: E305 OF	Revision no./La Révision no.: 3
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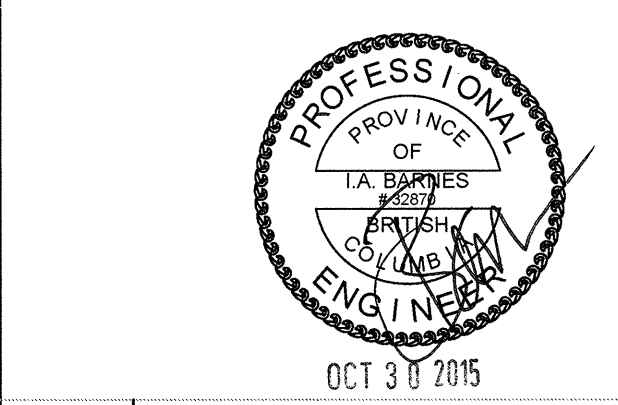
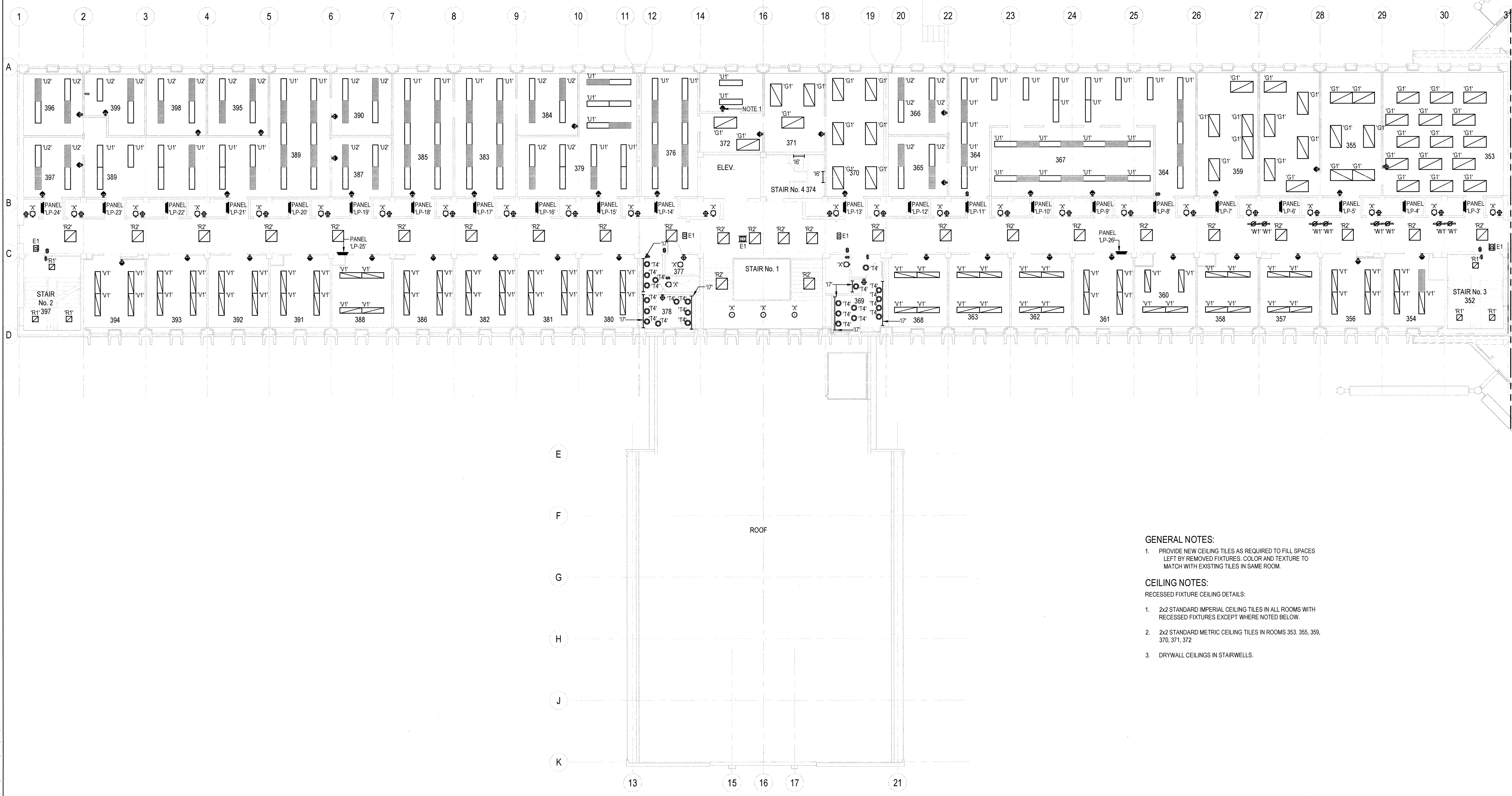
1 REVISED PARTIAL LEVEL 2 LIGHTING AND POWER LAYOUT E305 1:100





LEVEL 3 KEYPLAN
1:1000

KEYPLAN



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**

Lighting & Power Distribution Upgrade

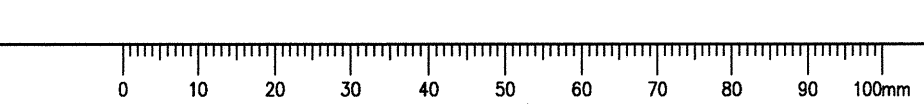
Consultant Signature Box Only
Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWGSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSGC
Preetpal Paul
Drawing title/Titre du dessin

**REVISED PARTIAL LEVEL 3
LIGHTING AND POWER LAYOUT**

Project No./No. du projet R.076284.001	Sheet/Fauille E306 OF	Revision no./ La Révision no. 3
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- GENERAL NOTES:**
1. PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.
- CEILING NOTES:**
- RECESSED FIXTURE CEILING DETAILS:
1. 2x2 STANDARD IMPERIAL CEILING TILES IN ALL ROOMS WITH RECESSED FIXTURES EXCEPT WHERE NOTED BELOW.
 2. 2x2 STANDARD METRIC CEILING TILES IN ROOMS 353, 355, 359, 370, 371, 372.
 3. DRYWALL CEILINGS IN STAIRWELLS.

1
E306 REVISED PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT
1:100



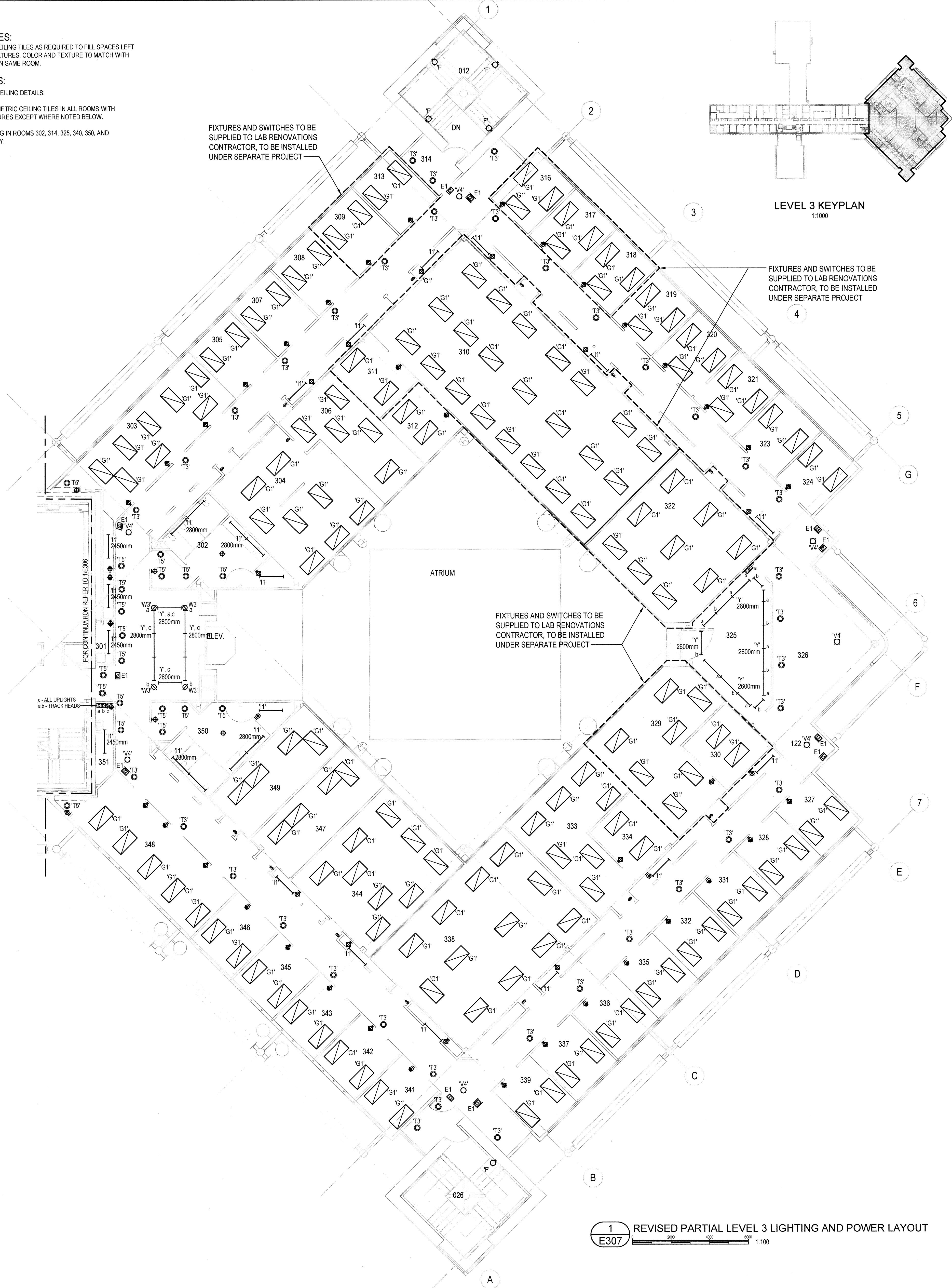


- GENERAL NOTES:**
1. PROVIDE NEW CEILING TILES AS REQUIRED TO FILL SPACES LEFT BY REMOVED FIXTURES. COLOR AND TEXTURE TO MATCH WITH EXISTING TILES IN SAME ROOM.
- CEILING NOTES:**
- RECESSED FIXTURE CEILING DETAILS:
1. 2x2 STANDARD METRIC CEILING TILES IN ALL ROOMS WITH RECESSED FIXTURES EXCEPT WHERE NOTED BELOW.
 2. DRYWALL CEILING IN ROOMS 302, 314, 325, 340, 350, AND ELEVATOR LOBBY.

FIXTURES AND SWITCHES TO BE SUPPLIED TO LAB RENOVATIONS CONTRACTOR, TO BE INSTALLED UNDER SEPARATE PROJECT

FIXTURES AND SWITCHES TO BE SUPPLIED TO LAB RENOVATIONS CONTRACTOR, TO BE INSTALLED UNDER SEPARATE PROJECT

FIXTURES AND SWITCHES TO BE SUPPLIED TO LAB RENOVATIONS CONTRACTOR, TO BE INSTALLED UNDER SEPARATE PROJECT



1 REVISED PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT E307 1:1000

Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 80% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

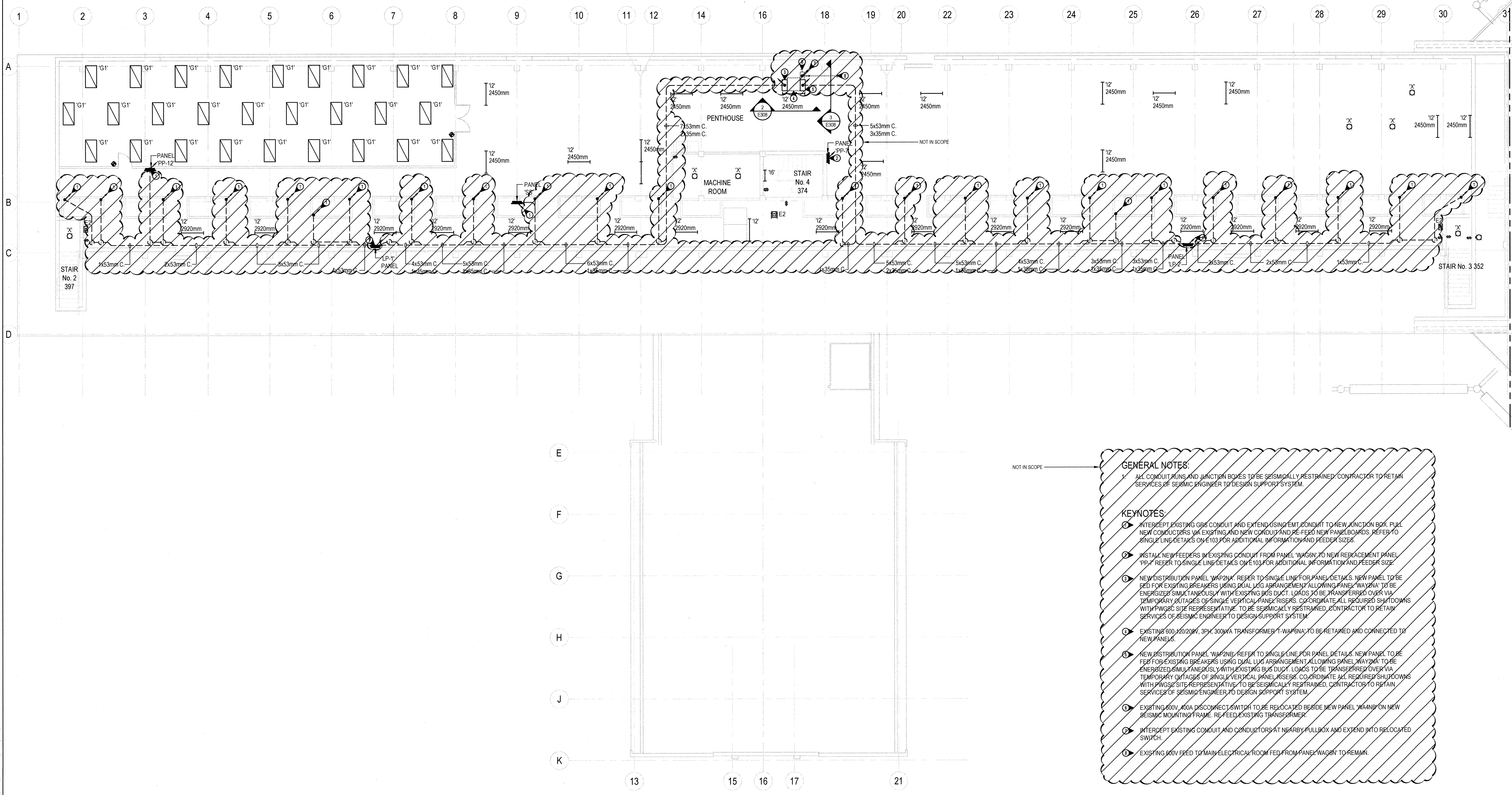
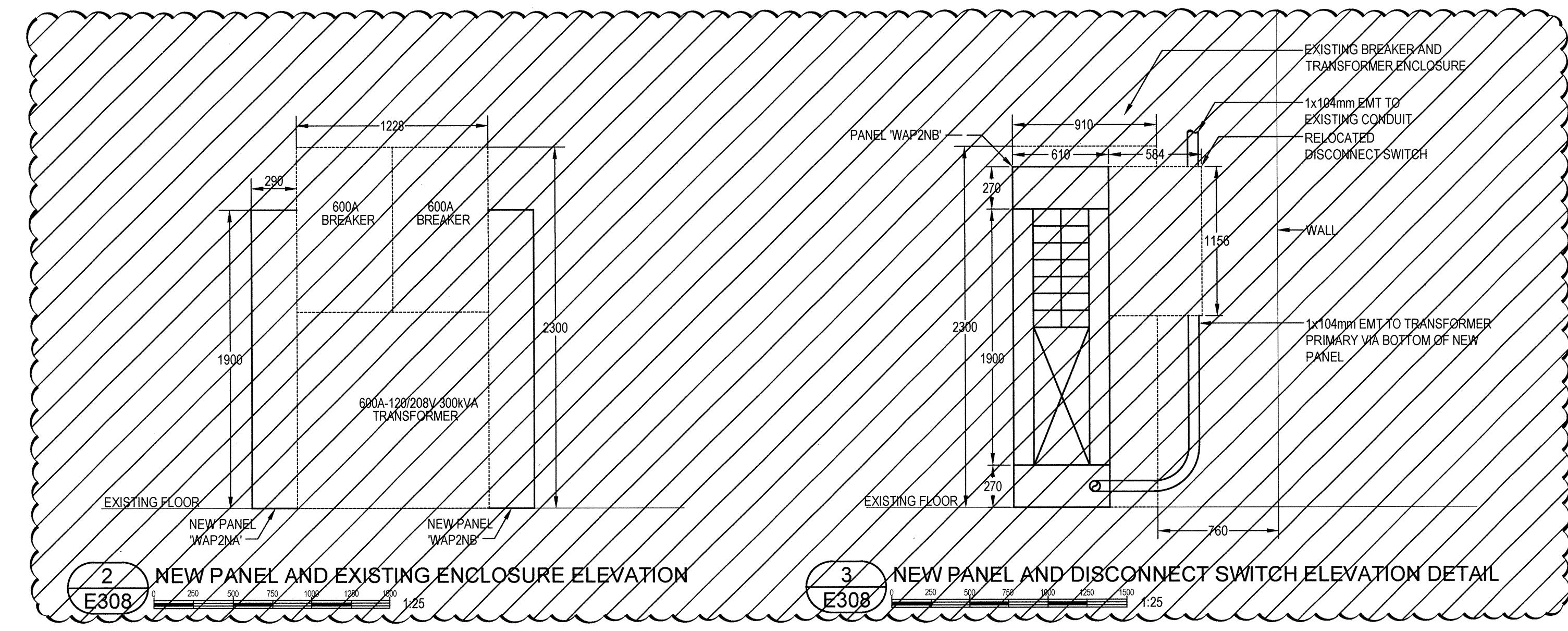
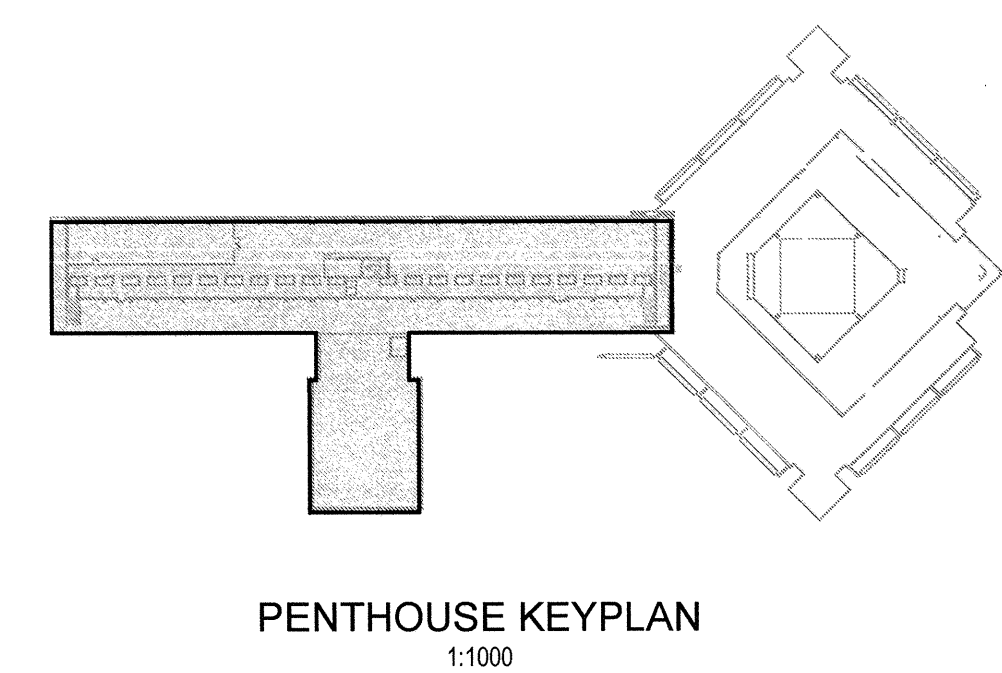
Project title/Titre du projet: PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE
Lighting & Power Distribution Upgrade

Designed by/Concept par: IAB
Drawn by/Dessiné par: JB / NH
PWGSC Project Manager/Administrateur de Projets TPSGC: Jamie LeBlanc
PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architecture et de génie, TPSGC: Proestigal Paul

Drawing title/Titre du dessin: REVISED PARTIAL LEVEL 3 LIGHTING AND POWER LAYOUT

Project No./No. du projet: R.076284.001	Sheet/Feuille: E307 OF	Revision no./La Révision no.: 3
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GENERAL NOTES:

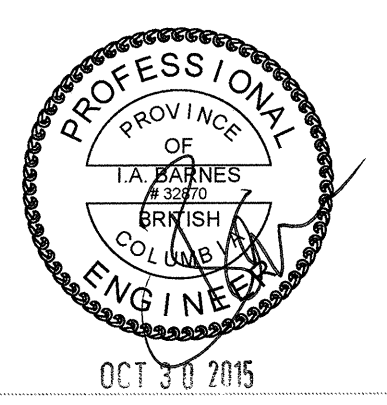
- ALL CONDUIT RUNS AND JUNCTION BOXES TO BE SEISMICALLY RESTRAINED. CONTRACTOR TO RETAIN SERVICES OF SEISMIC ENGINEER TO DESIGN SUPPORT SYSTEM.

KEYNOTES:

- INTERCEPT EXISTING GRS CONDUIT AND EXTEND USING EMT CONDUIT TO NEW JUNCTION BOX. PULL NEW CONDUCTORS VIA EXISTING AND NEW CONDUIT AND RE-FEED NEW PANEL BOARDS. REFER TO SINGLE LINE DETAILS ONE 103 FOR ADDITIONAL INFORMATION AND FEEDER SIZES.
- INSTALL NEW FEEDERS IN EXISTING CONDUIT FROM PANEL WAGON TO NEW REPLACEMENT PANEL PP-2. REFER TO SINGLE LINE DETAILS ONE 103 FOR ADDITIONAL INFORMATION AND FEEDER SIZES.
- NEW DISTRIBUTION PANEL WAGON. REFER TO SINGLE LINE FOR PANEL DETAILS. NEW PANEL TO BE FED FOR EXISTING BREAKERS USING DUAL LUG ARRANGEMENT ALLOWING PANEL WAGON TO BE ENERGIZED SIMULTANEOUSLY WITH EXISTING BUS DUCT. LOADS TO BE TRANSFERRED OVER VIA TEMPORARY OUTAGES OF SINGLE VERTICAL PANEL RISERS. COORDINATE ALL REQUIRED SHUTDOWNS WITH PWGSC SITE REPRESENTATIVE. TO BE SEISMICALLY RESTRAINED. CONTRACTOR TO RETAIN SERVICES OF SEISMIC ENGINEER TO DESIGN SUPPORT SYSTEM.
- EXISTING 600A/200/200V, 3PW, 300kVA TRANSFORMER T-WAGON TO BE RETAINED AND CONNECTED TO NEW PANELS.
- NEW DISTRIBUTION PANEL WAGON. REFER TO SINGLE LINE FOR PANEL DETAILS. NEW PANEL TO BE FED FOR EXISTING BREAKERS USING DUAL LUG ARRANGEMENT ALLOWING PANEL WAGON TO BE ENERGIZED SIMULTANEOUSLY WITH EXISTING BUS DUCT. LOADS TO BE TRANSFERRED OVER VIA TEMPORARY OUTAGES OF SINGLE VERTICAL PANEL RISERS. COORDINATE ALL REQUIRED SHUTDOWNS WITH PWGSC SITE REPRESENTATIVE. TO BE SEISMICALLY RESTRAINED. CONTRACTOR TO RETAIN SERVICES OF SEISMIC ENGINEER TO DESIGN SUPPORT SYSTEM.
- EXISTING 600A/200/200V, 3PW, 300kVA TRANSFORMER T-WAGON TO BE RETAINED AND CONNECTED TO NEW PANELS.
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- EXISTING 600A/200/200V, 3PW, 300kVA TRANSFORMER T-WAGON TO BE RETAINED AND CONNECTED TO NEW PANELS.
- EXISTING 600A/200/200V, 3PW, 300kVA TRANSFORMER T-WAGON TO BE RETAINED AND CONNECTED TO NEW PANELS.

1 REVISED PARTIAL PENTHOUSE POWER AND LIGHTING AND POWER LAYOUT
E308 1:100

KEYPLAN PROJECT NORTH



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
1	ISSUED FOR 33% REVIEW	AUG 28 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
PACIFIC FORESTRY CENTRE 506 WEST BURNSIDE

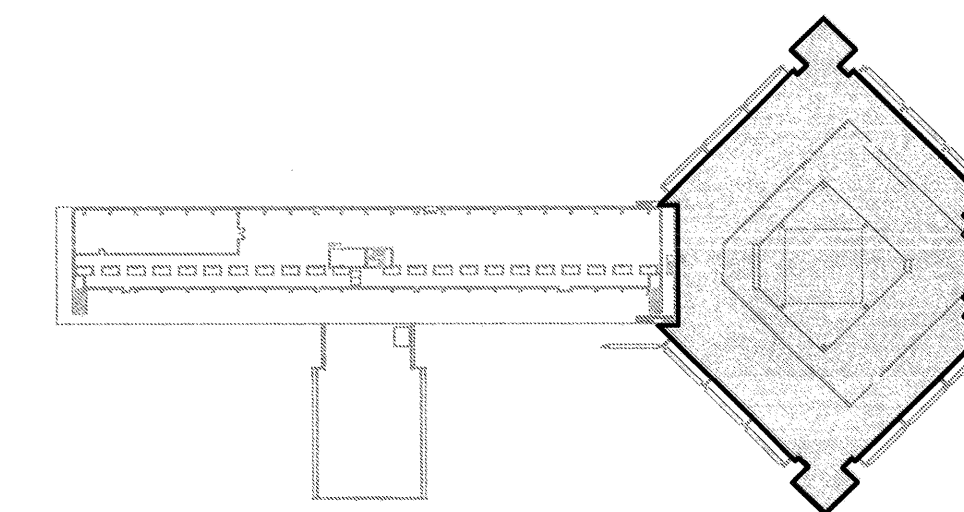
Lighting & Power Distribution Upgrade

Consultant Signature Box Only
Designed by/Concept par IAB
Drawn by/Dessiné par JB / NH

PWGSC Project Manager/Administrateur de Projets TPSCC
Jamie LeBlanc
PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architecture et de génie, TPSCC
Prosthal Paul

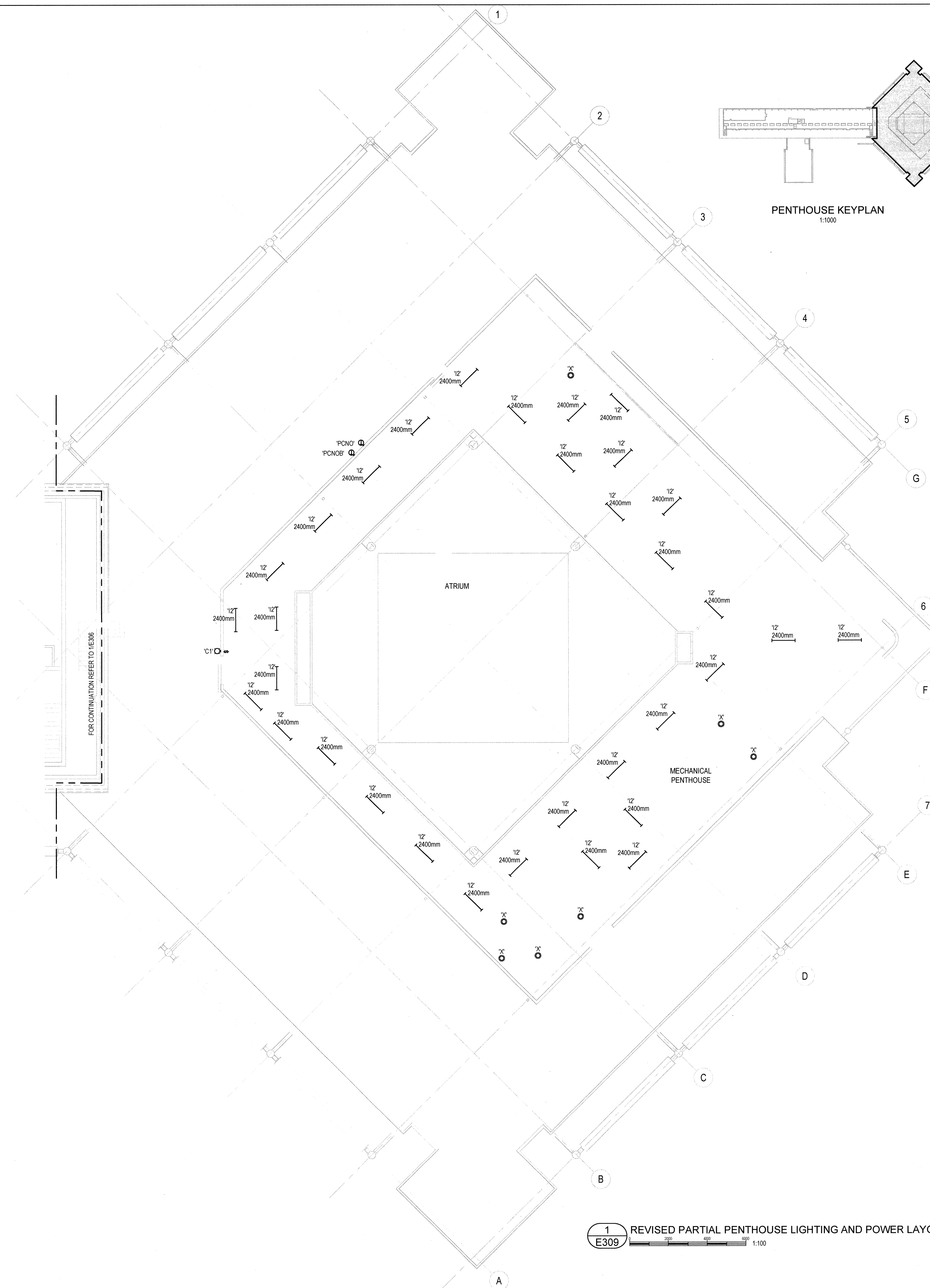
Revised Partial Penthouse Lighting and Power Layout

Project No./No. du projet	Sheet/Feuille	Revision no./ Lé Relation
R.076284.001	E308 OF	3

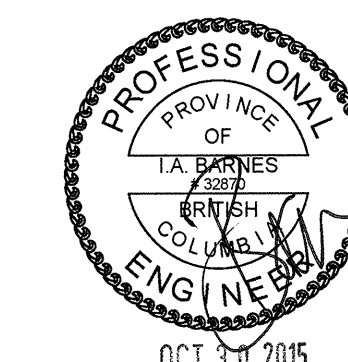


PENTHOUSE KEYPLAN
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KEYPLAN



FOR CONTINUATION REFER TO E306



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30 15
2	ISSUED FOR 99% REVIEW	SEPT 16 15
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Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

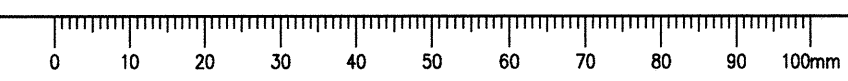
Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

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Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architecture et de génie, TPSGC
Prestipal Paul

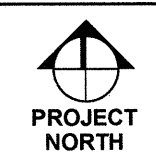
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**REVISED PARTIAL PENTHOUSE
LIGHTING AND POWER LAYOUT**

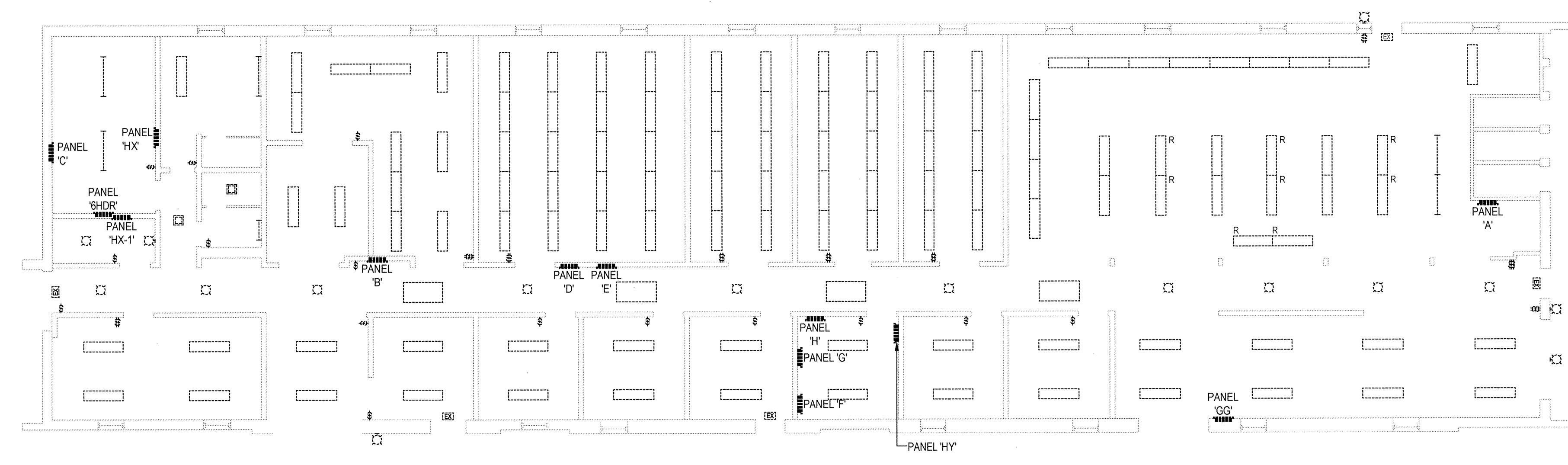
Project No./No. du projet R.076284.001	Sheet/Feuille E309 OF	Revision no./ La Révision no. 3
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1 REVISED PARTIAL PENTHOUSE LIGHTING AND POWER LAYOUT
E309 1:100

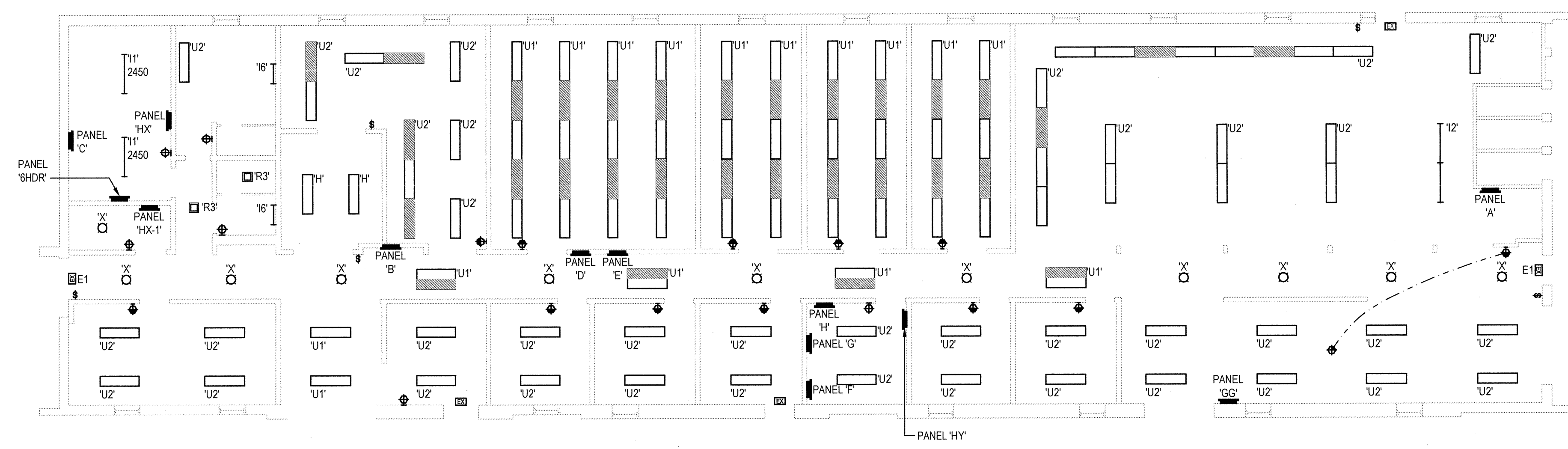




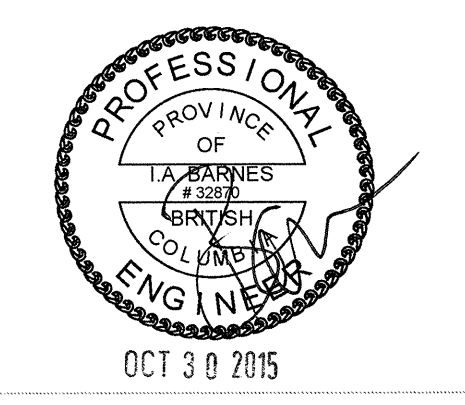
KEYPLAN  PROJECT NORTH



1 EXISTING HEADERHOUSE LIGHTING AND POWER LAYOUT
 E400 1:100



2 REVISED HEADERHOUSE LIGHTING AND POWER LAYOUT
 E400 1:100



Revision/Revision	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 99% REVIEW	SEPT 16, 15
1	ISSUED FOR 33% REVIEW	AUG 28, 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 506 BURNSIDE ROAD
 VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
PACIFIC FORESTRY CENTRE
 506 WEST BURNSIDE
 Lighting & Power Distribution Upgrade

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Designed by/Concept par
IAB

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JB / NH

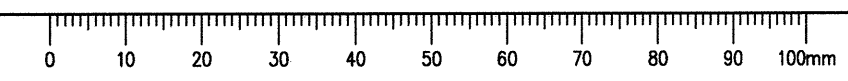
PWGC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc

PWGC Regional Manager, Architectural and Engineering Services/
 Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Przemyslaw Paul

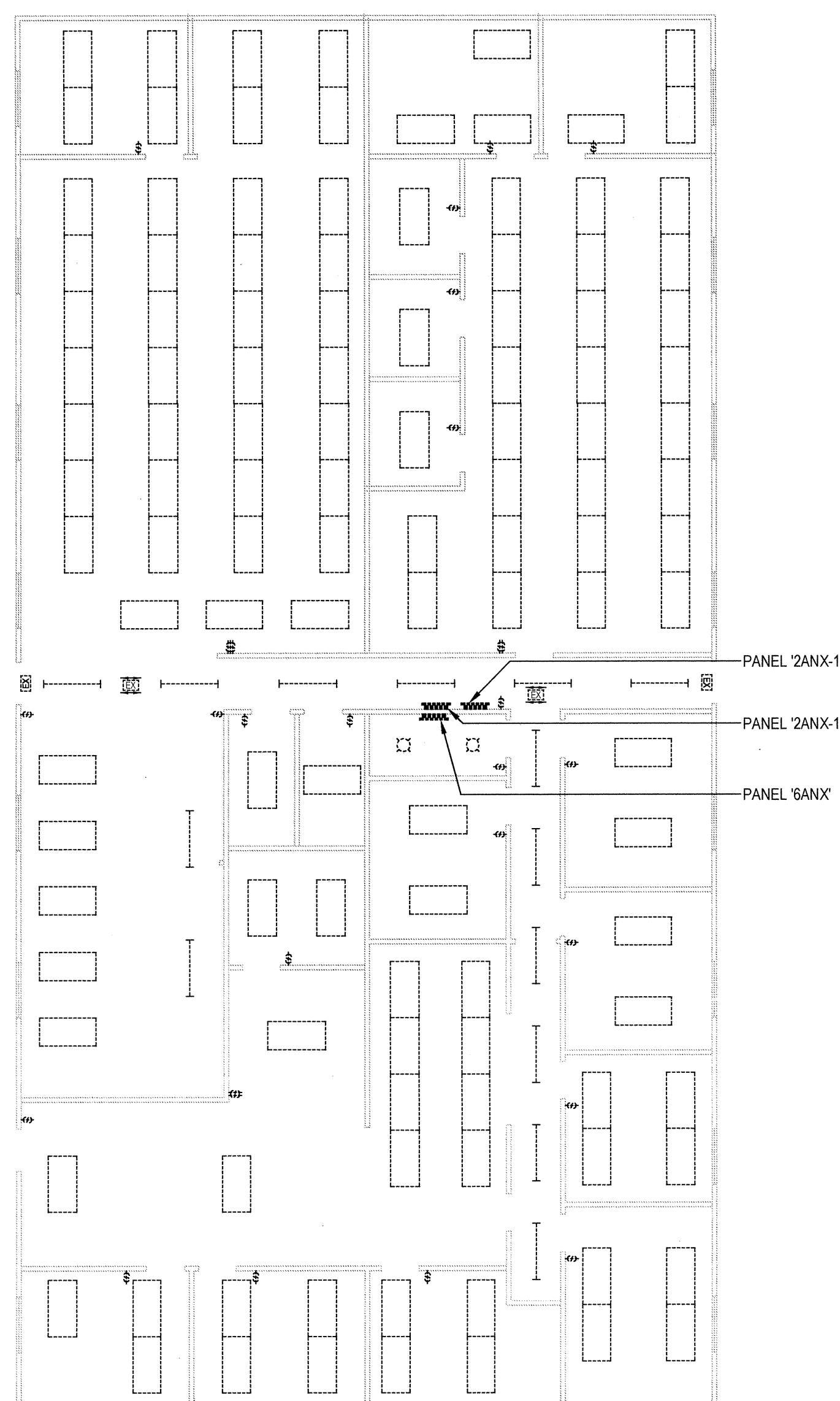
Drawing title/Titre du dessin
HEADERHOUSE LIGHTING AND POWER LAYOUT

Project No./No. du projet R.076284.001	Sheet/Fauille E400 OF	Revision no./ La Révision no. 3
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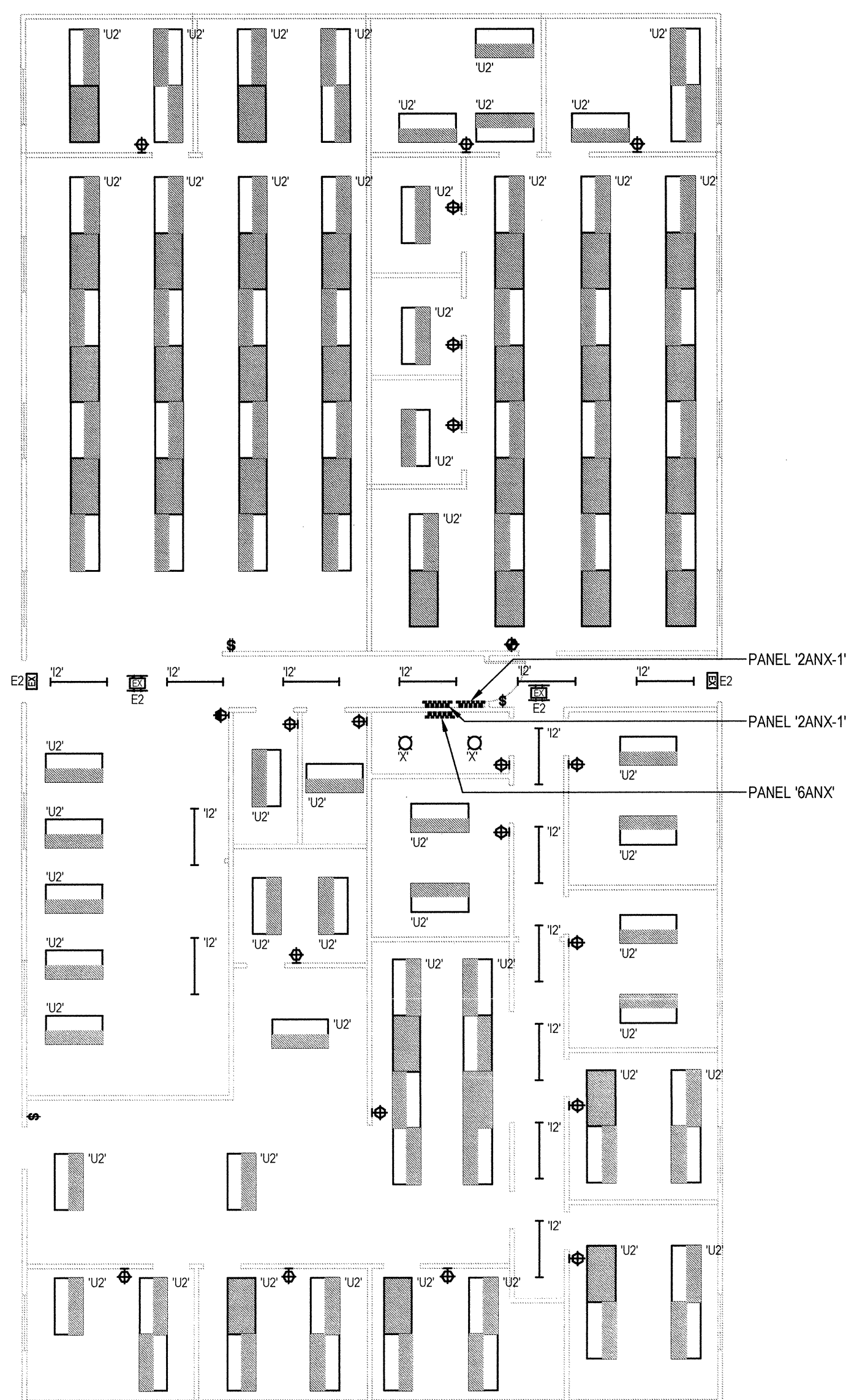
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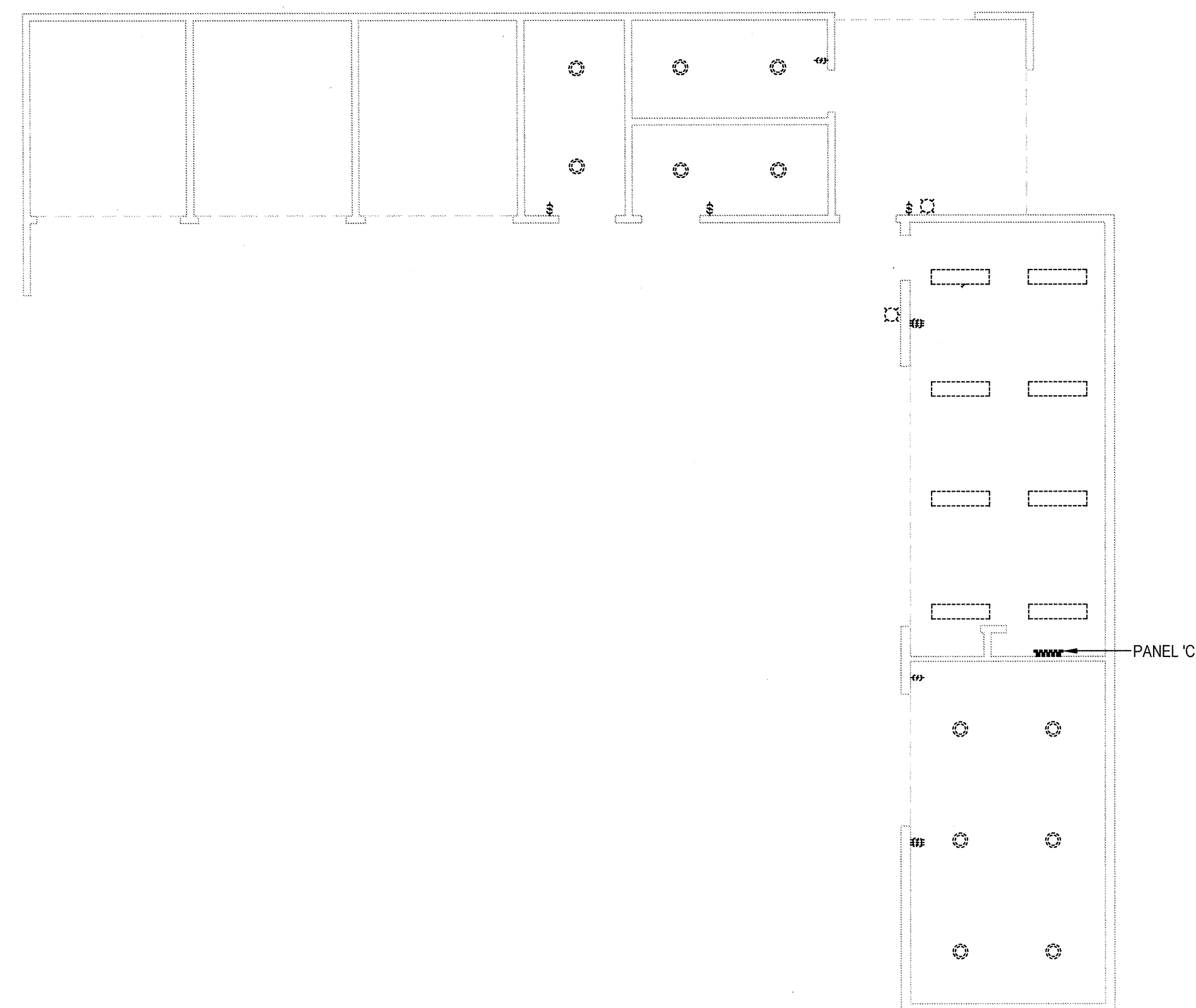
KEYPLAN



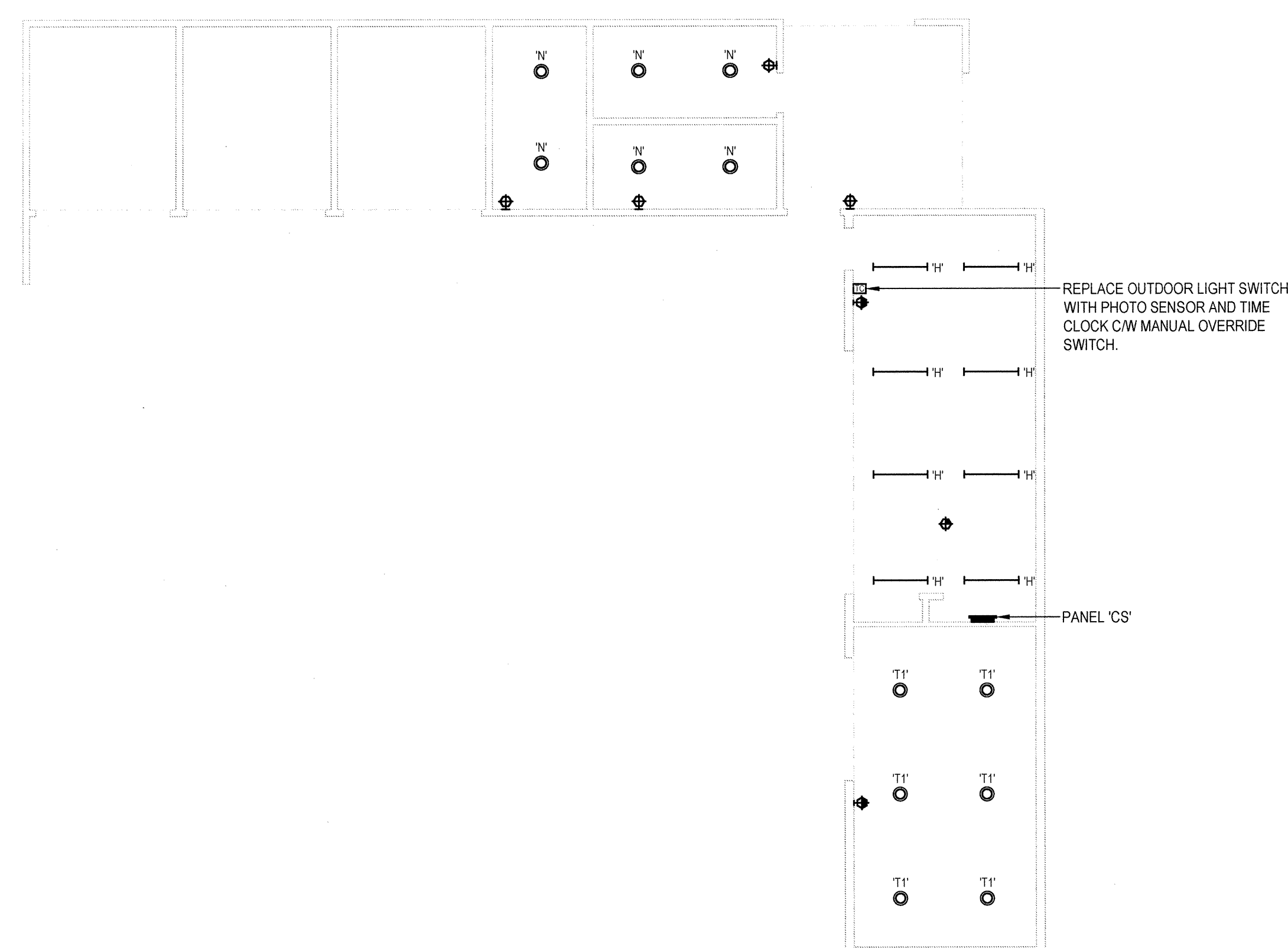
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E500 1:100



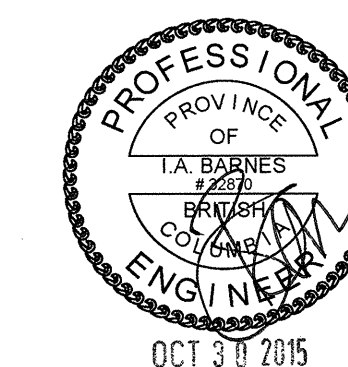
2 REVISED ANNEX LIGHTING AND POWER LAYOUT
E500 1:100



3 EXISTING ANNEX LIGHTING AND POWER LAYOUT
E500 1:100



4 REVISED ANNEX LIGHTING AND POWER LAYOUT
E500 1:100



Revision/	Description/Description	Date/Date
3	ISSUED FOR TENDER	OCT 30, 15
2	ISSUED FOR 90% REVIEW	SEPT 16, 15
1	ISSUED FOR 30% REVIEW	AUG 28, 15

Client/client
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
506 BURNSIDE ROAD
VICTORIA, BC, V8Z 1M5

Project title/Titre du projet
**PACIFIC FORESTRY CENTRE
506 WEST BURNSIDE**
Lighting & Power Distribution Upgrade

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Designed by/Concept par
IAB
Drawn by/Dessiné par
JB / NH
PWSC Project Manager/Administrateur de Projets TPSCG
Jamie LeBlanc
PWSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSCG
Presté Paul

Drawing title/Titre du dessin
**ANNEX
LIGHTING AND POWER LAYOUT**

Project No./No. du projet R.076284.001	Sheet/Fauille E500 OF	Revision no./ La Révision no. 3
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