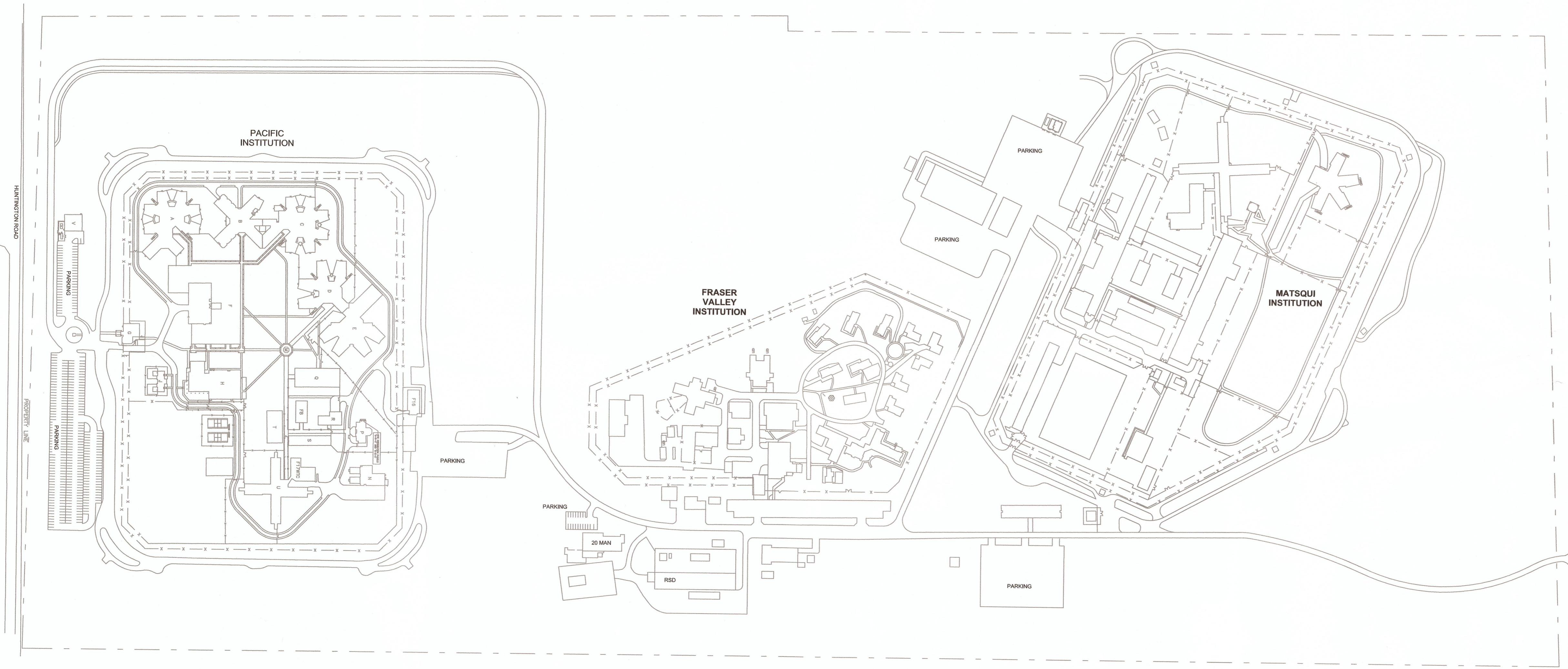




Correctional Service Canada - Matsqui Complex

Internal Lighting Upgrade

33344 King Road, Abbotsford, B.C.



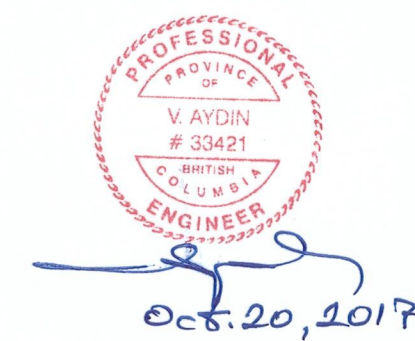
SITE PLAN
SCALE 1:2500

LEGEND OF SYMBOLS	
	POLE MOUNTED LUMINAIRE (SINGLE HEAD)
	POLE MOUNTED LUMINAIRE (DOUBLE HEAD)
	POLE MOUNTED LUMINAIRE (DOUBLE HEAD)
	POLE LIGHT (LAMP STANDARD)
	POLE NUMBER
	CEILING MOUNTED LUMINAIRE (SURFACE)
	CEILING MOUNTED LUMINAIRE (RECESSED)
	WALL MOUNTED LUMINAIRE
	TYPE OF LUMINAIRE—PANEL NAME—CCT No.
	DRAWING NOTE

DRAWING LIST

Electrical:

Sheet No.	Sheet Name
E-01	MATSQUI COMPLEX KEY PLAN
E-02	MATSQUI INSTITUTION SITE PLAN
E-03	MATSQUI INSTITUTION LUMINAIRE SCHEDULE
E-04	FRASER VALLEY INSTITUTION SITE PLAN
E-05	FRASER VALLEY INSTITUTION LUMINAIRE SCHEDULE (1)
E-06	FRASER VALLEY INSTITUTION LUMINAIRE SCHEDULE (2)
E-07	PACIFIC INSTITUTION SITE PLAN
E-08	PACIFIC INSTITUTION LUMINAIRE SCHEDULE



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CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

**MATSQUI COMPLEX
33344 KING ROAD
ABBOTSFORD, B.C.**

**INTERNAL LIGHTING
UPGRADE TO LED**

Consultant Signature Box Only

Designed by/Concept par
Veyssel Aydin

Drawn by/Dessiné par
S. Banfield

PWSC Project Manager/Administrateur de Projets TPSCC
Calvin Lu

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

Drawing title/Titre du dessin

**MATSQUI COMPLEX
KEY PLAN**

Project No./No. du projet	Sheet/	Revision no./
R.090363.001	E-1 OF 8	1



MATSQUI INSTITUTION

- GENERAL NOTES:**
- FLOOD LIGHT LUMINAIRES (POLES # 1 TO 24 - TYPE - '1'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 24) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - FLOOD LIGHT LUMINAIRES (POLES # 25 TO 30 TYPE - 'A'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 6) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - FLOOD LIGHT LUMINAIRES (POST MOUNTED ON # 31 AND 33 - TYPE - '11'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 2) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - FLOOD LIGHT LUMINAIRES (WALL / TENON MOUNTED - TYPE - '11'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 4) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - LAMP STANDARDS (POST TOP DOWN LIGHT - # 34 TO 61 - TYPE '1'); REPLACE EXISTING POST MOUNT LUMINAIRES (TOTAL OF 28) WITH NEW LED LUMINAIRES AS SHOWN.
 - WALL MOUNT FLOOD LIGHT LUMINAIRES - TYPE - 'K'; REPLACE EXISTING EXTERIOR WALL MOUNT FLOOD LIGHT LUMINAIRES (TOTAL OF 18) WITH NEW LED LUMINAIRES AS SHOWN ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - WALL PACK LUMINAIRES - TYPE - 'C2','C3','C5','C6'; REPLACE EXISTING EXTERIOR WALL AND CEILING MOUNT LUMINAIRES WITH NEW LED LUMINAIRES AS SHOWN ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - REMOVE ONLY THE NUMBER OF LUMINAIRES THAT WILL BE REPLACED IN THE SAME DAY.
 - DISPOSE OF ALL EXISTING REMOVED AND UNUSED MATERIALS FROM THE SITE.
 - ALLOW FOR ONE TIME RE-ADJUSTMENT OF ALL LIGHT OUTPUT MODULES (WHERE SPECIFIED) IN THE NEW LUMINAIRES ON SITE, AFTER THE DEMONSTRATION OF NEW LUMINAIRES TO DEPARTMENTAL REPRESENTATIVE.

- DRAWING NOTES:**
- LUMINAIRES ON EACH POLE.
 - EXISTING CCTV SECURITY CAMERAS ARE INSTALLED ON LIGHT POLES AT APPROXIMATELY 6.0M ABOVE FINISHED GRADE AND LUMINAIRES ARE INSTALLED ON TOP OF THE POLES (APPROX. 10.5M) AS IDENTIFIED ON THE DRAWINGS. DURING CONSTRUCTION PERIOD, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR RE-POSITIONING OF THE EXISTING POLE MOUNTED CCTV CAMERAS. IF NEEDED TO REPAIR DAMAGED CAMERAS OR TO REPOSITION CAMERAS, USE GENETEC-CERTIFIED SPECIALIST CCTV SUB-CONTRACTOR.

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CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
MATSQUI COMPLEX
33344 KING ROAD
ABBOTSFORD, B.C.

INTERNAL LIGHTING UPGRADE TO LED

Consultant Signature Box Only

Designed by/Concept par
Vaysel Aydin

Drawn by/Dessine par
S. Banfield

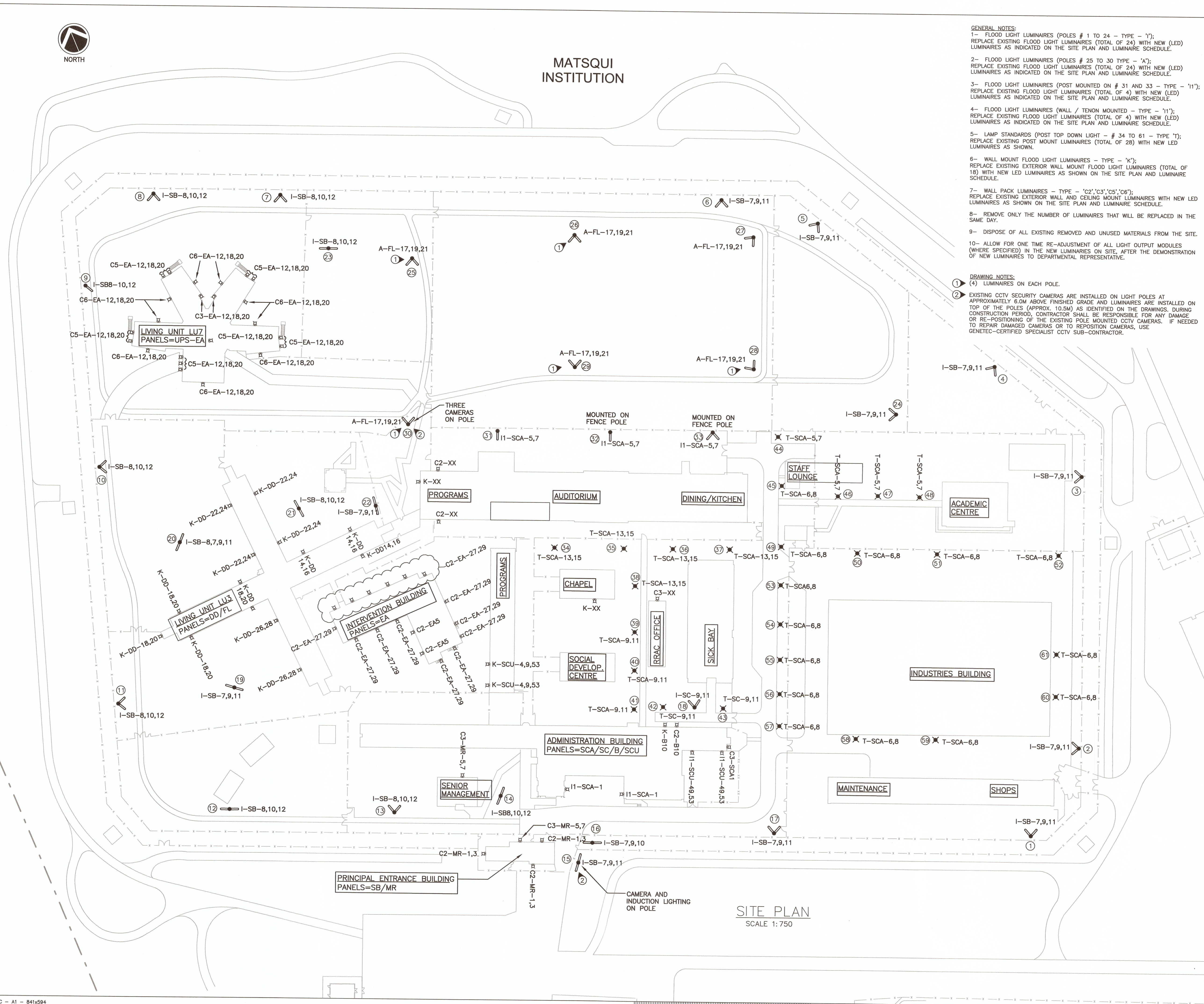
PWOSC Project Manager/Administrateur de Projets TPSOC
Calvin Lu

PWOSC Regional Manager, Architectural and Engineering Services/
Gestionnaire Régionale, Services d'architectural et de génie, TPSOC
François Pélissier

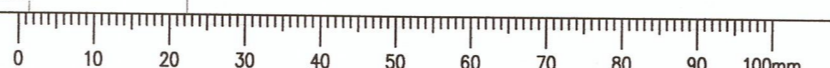
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MATSQUI INSTITUTION
SITE PLAN

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SITE PLAN
SCALE 1:750



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MATSQUI INSTITUTION - LUMINAIRE SCHEDULE										
Principal Entrance										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
	SB Electrical Room	7,8,9,10,11,12	400W	277V	Pole/Tenon 2"	8.75m	FLOOD/HPS	47		Type 'I'
	SCA & SCU Electrical Room	1 & 49,53	400W	120V	Wall 2 3/8" Tenon	7.5m	FLOOD/HPS	4		Type 'I1'
	MR Electrical Room	1,3	175W	120V	Surface	3.2m	Wall Pack/HPS	3		Type 'C2'
	MR Electrical Room	5,7	70W	120V	Surface	2.4m	Wall Pack/MH	1		Type 'C3'

MATSQUI INSTITUTION - LUMINAIRE SCHEDULE										
Administration Building										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
	SCA M2B	5,7,9,11,13,15	150W	120V	Wall/Surface	6.4m	FLOOD/HPS	3		Type 'K' Single Head
	SCA M2B	5,6,7,8,9,11,13,15	150W	120V	Post/3" Tenon	5.2m	POST TOP DOWN LIGHT/HPS	28		Type 'T'
	SCA M2B	1	400W	120V	Wall 2 3/8" Tenon	3.2m	FLOOD/HPS	2		Type 'I1'
	Panel B Bottom Floor	10	150W	120V	Wall/Surface	5.0m	FLOOD/HPS	1		Type 'K' Single Head
	B10	10	150W	120V	Surface	3.2m	Wall Pack/HPS	1		Type 'C2'
	SCA-1	12,18,20	70W	120V	Surface	3.2m	MH	1		Type 'C3'
	SCU Bottom Floor	49,53	400W	120V	Wall 2 3/8" Tenon	7.5m	FLOOD/HPS	2		Type 'I1'

MATSQUI INSTITUTION - LUMINAIRE SCHEDULE										
Intervention Building										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
	EA 135A	5,27,29	150W	120V	Surface	3.2m	Wall Pack/HPS	17		Type 'C2'

MATSQUI INSTITUTION - LUMINAIRE SCHEDULE										
Living Unit 3										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
	DD Penthouse Floor	14,16,18,20,22,24,26,28	250W	120V	Wall/Surface	10.0m	Flood/HPS	14		Type 'K' (Mounted high on the wall below roof)
	DD Penthouse Floor	18,20	250W	120V	Wall/Surface	10.0m				
	DD Penthouse Floor	22,24	250W	120V	Wall/Surface	10.0m				
	DD Penthouse Floor	26,28	250W	120V	Wall/Surface	10.0m				
	FL Penthouse Floor	1,17,19,21	1000W	347V	Tenon	14.5m	Flood/MH Ball Field	24		Type 'A'

MATSQUI INSTITUTION - LUMINAIRE SCHEDULE										
Living unit 7										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
	UPS-EA 204	12,18,20	70W	120V	Surface	2.4m	MH	14		Type 'C5'
	UPS-EA 204	12,18,20	175W	120V	Surface	3.2m	MH	9		Type 'C6'

NOTES:
 1- CIRCUIT NUMBERS AND MOUNTING TYPES FOR LUMINAIRES ARE PROVIDED FOR INFORMATION. CONFIRM ALL INFORMATION ON SITE PRIOR TO PERFORMING ANY WORK AND ORDERING ANY MATERIAL.
 2- REFER TO SPECIFICATIONS / SECTION 26 50 00 FOR DETAILS OF NEW LED LUMINAIRES.

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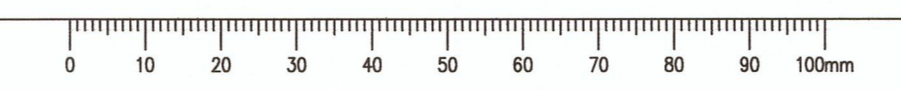
Client/Client: **CORRECTIONAL SERVICE CANADA**

Project Title/Titre du projet: **MATSQUI COMPLEX 33344 KING ROAD ABBOTSFORD, B.C.**
INTERNAL LIGHTING UPGRADE TO LED

Consultant Signature Box Only
 Designed by/Concept par: **Veyssel Aydin**
 Drawn by/Dessiné par: **S. Banfield**
 PWGSC Project Manager/Administrateur de Projets TPSGC: **Calvin Lu**
 PWGSC Regional Manager, Architectural and Engineering Services/Gestionnaire régionale, Services d'architecture et de génie, TPSGC: **Preestipal Paul**

Drawing Title/Titre du dessin: **MATSQUI INSTITUTION LUMINAIRE SCHEDULE**

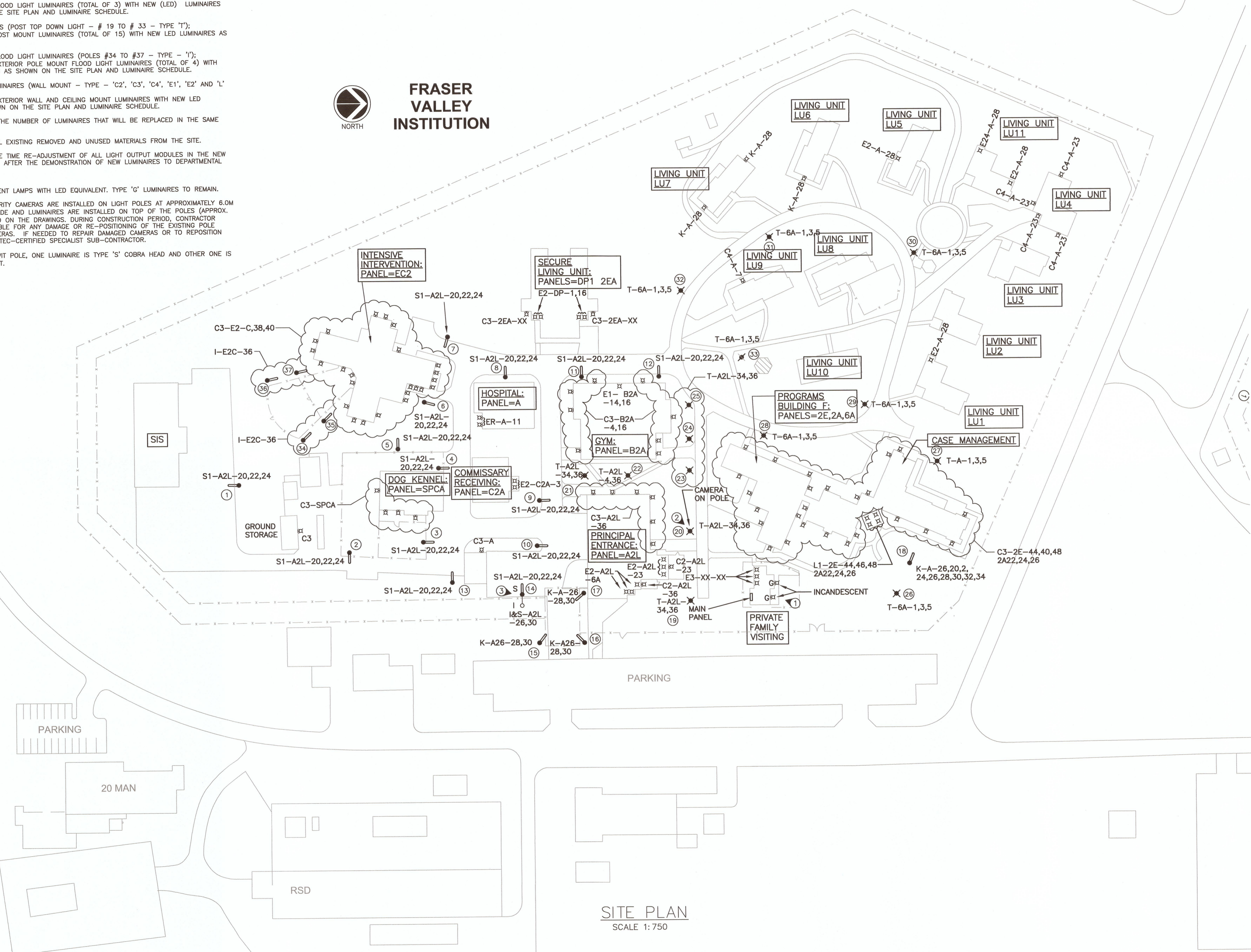
Project No./No. du projet	Sheet/	Revision no./
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- GENERAL NOTES:**
- 1- COBRA HEAD ROADWAY LUMINAIRES (POLES # 1 TO 12 - TYPE - 'S1' AND POLES #13 - #14 - TYPE - 'S'); REPLACE EXISTING COBRA HEAD LUMINAIRES (TOTAL OF 12 TYPE S AND TOTAL OF 2 TYPE S1) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - 2- FLOOD LIGHT LUMINAIRES (POLES # 15 TO 18 - TYPE - 'K'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 4) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - 3- FLOOD LIGHT LUMINAIRES (WALL MOUNTED ON LIVING UNITS # 6 AND # 7 - TYPE - 'K'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 3) WITH NEW (LED) LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - 4- LAMP STANDARDS (POST TOP DOWN LIGHT - # 19 TO # 33 - TYPE 'T'); REPLACE EXISTING POST MOUNT LUMINAIRES (TOTAL OF 15) WITH NEW LED LUMINAIRES AS SHOWN.
 - 5- POLE MOUNT FLOOD LIGHT LUMINAIRES (POLES #34 TO #37 - TYPE - 'I'); REPLACE EXISTING EXTERIOR POLE MOUNT FLOOD LIGHT LUMINAIRES (TOTAL OF 4) WITH NEW LED LUMINAIRES AS SHOWN ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - 6- WALL PACK LUMINAIRES (WALL MOUNT - TYPE - 'C2', 'C3', 'C4', 'E1', 'E2' AND 'L'); REPLACE EXISTING EXTERIOR WALL AND CEILING MOUNT LUMINAIRES WITH NEW LED LUMINAIRES AS SHOWN ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - 7- REMOVE ONLY THE NUMBER OF LUMINAIRES THAT WILL BE REPLACED IN THE SAME DAY.
 - 8- DISPOSE OF ALL EXISTING REMOVED AND UNUSED MATERIALS FROM THE SITE.
 - 9- ALLOW FOR ONE TIME RE-ADJUSTMENT OF ALL LIGHT OUTPUT MODULES IN THE NEW LUMINAIRES ON SITE, AFTER THE DEMONSTRATION OF NEW LUMINAIRES TO DEPARTMENTAL REPRESENTATIVE.

- DRAWING NOTES:**
- 1- REPLACE INCANDESCENT LAMPS WITH LED EQUIVALENT. TYPE 'G' LUMINAIRES TO REMAIN.
 - 2- EXISTING CCTV SECURITY CAMERAS ARE INSTALLED ON LIGHT POLES AT APPROXIMATELY 6.0M ABOVE FINISHED GRADE AND LUMINAIRES ARE INSTALLED ON TOP OF THE POLES (APPROX. 10.5M) AS IDENTIFIED ON THE DRAWINGS. DURING CONSTRUCTION PERIOD, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR RE-POSITIONING OF THE EXISTING POLE MOUNTED CCTV CAMERAS. IF NEEDED TO REPAIR DAMAGED CAMERAS OR TO REPOSITION CAMERAS, USE GENETEC-CERTIFIED SPECIALIST SUB-CONTRACTOR.
 - 3- ON THE DOUBLE DAVIT POLE, ONE LUMINAIRE IS TYPE 'S' COBRA HEAD AND OTHER ONE IS TYPE 'I' FLOOD LIGHT.

FRASER VALLEY INSTITUTION



PROFESSIONAL ENGINEER
 V. AYDIN
 # 33421
 O.C.T. 20, 2017

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Revision/	Description/Description	Date/Date

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
MATSQUI COMPLEX
 33344 KING ROAD
 ABBOTSFORD, B.C.

INTERNAL LIGHTING UPGRADE TO LED

Consultant Signature Box Only
 Designed by/Concept par
 Veysel Aydin
 Drawn by/Designe par
 S. Banfield
 PWGSC Project Manager/Administrateur de Projets TPSGC
 Calvin Lu
 PWGSC Regional Manager, Architectural and Engineering Services/
 Gestionnaire régionale, Services d'architecture et de génie, TPSGC
 Preetpal Paul

Drawing title/Titre du dessin
FRASER VALLEY INSTITUTION
SITE PLAN

Project No./No. du projet	Sheet/	Revision no./
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FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Panel/Location	Circuit No.	Wattage	Voltage	Mounted	Height	Luminaire/ Light bulb	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing / New Luminaire Type (Note 2)
☒	A2L Room AR-62	23	50W	120V	8" Pot Light	2.4m	HPS	6		Type 'E2'
☒	A2L Room AR-62	23	150W	120V	Wall Pack	2.4m	HPS	2		Type 'C2'
☒	A2L Room AR-62	40	50W	120V	Wall Pack	2.4m	HPS	6		Type 'C3'
☒	A2L Principal Entrance	20,22,24	250W	120V	Roadway Pole	10.7m	HPS	1		Type 'S'
☒	A2L Room AR-62	20,22,24	150W	120V	Roadway Pole	9.3m	HPS	12		Type 'S1'
☒	A2L Room AR-62	20,22,24, 28,30	250W & 400W Flood	120V	Roadway Pole Double Davit	10.7m	HPS	1		Type 'S & I'
☒	A2L Room AR-62	34,36	100W	120V	Post Top Down Light	7.3	HPS	7		Type 'T'
☒	A2L Room AR-62	28,30	150W	120V	Pole/ (Tenon)	4.9	Flood/HPS	4		Type 'K' Single Head

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Panel/Location	Circuit No.	Wattage	Voltage	Mounted	Height	Luminaire/ Light bulb	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing / New Luminaire Type (Note 2)
☒	A Mail Room	Not Specified	50W	120V	8" Pot Light	2.4m	HPS	1		Type 'C3'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	SPCA Main Room	Not Specified	50W	120V	Wall Pack	2.4m	HPS	4		Type 'C3'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	No Label No Room	9	50W	120V	Wall Pack	2.4m	HPS	1		Type 'C3'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	E2C Mechanical Room	38,40	150W	120V	Wall Pack	2.4m	HPS	3		Type 'C3'
☒	E2C Mechanical Room	38,40	50W	120V	Wall Pack	2.4m	HPS	10		Type 'C3'
☒	E2C Mechanical Room	38,40	26W	120V	Wall Pack	2.4m	HPS	12		Type 'C3'
☒	E2C Mechanical Room	36	400W	120V	Pole/ (Tenon)	9.5m	Flood/HPS	4		Type 'I'

NOTES:
 1- CIRCUIT NUMBERS AND MOUNTING TYPES FOR LUMINAIRES ARE PROVIDED FOR INFORMATION. CONFIRM ALL INFORMATION ON SITE PRIOR TO PERFORMING ANY WORK AND ORDERING ANY MATERIAL.
 2- REFER TO SPECIFICATIONS / SECTION 26 50 00 FOR DETAILS OF NEW LED LUMINAIRES.

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	C2A Main Room	3	50W	120V	8" Pot Light	2.4m	HPS	2		Type 'E2'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	A PR-24	11	50W	120V	8" Pot Light	2.4m	HPS	2		Type 'E2'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	DP1 Fire/Sprinkler Room	16	50W / 70W	120V	Wall Pack	2.4m	HPS	2		Type 'C3'
☒	F-2EA F2002	Not Specified	50W / 70W	120V	10" Pot Light	2.4m	HPS	4		Type 'E1'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	B2A Fire/Sprinkler Room	14,16	50W / 70W	120V	Wall Pack	5.0m	HPS	4		Type 'C3'
☒	B2A Fire/Sprinkler Room	14,16	50W / 70W	120V	10" Pot Light	2.4m	HPS	1		Type 'E1'
☒	B2A Fire/Sprinkler Room	14,16	50W / 70W	120V	Wall Pack	2.4m	HPS	4		Type 'C3'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	A 111	28	50	120V	8" Pot Light	2.4m	HPS	1		Type 'E2'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	A 111	3	50	120V	8" Pot Light	2.4m	HPS	4		Type 'C4'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	A 106	28	50W	120V	8" Pot Light	2.4m	HPS	1		Type 'E2'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
☒	A 106	28	150W	120V	Surface/ Yoke	4.9m	Flood/HPS	1		Type 'K' Single Head

Oct 20, 2017

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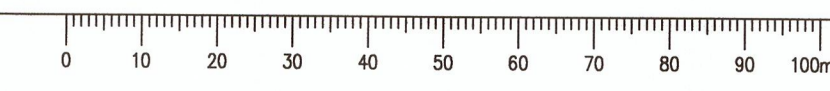
Client/client
CORRECTIONAL SERVICE CANADA


Project title/Titre du projet
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33344 KING ROAD
ABBOTSFORD, B.C.


INTERNAL LIGHTING UPGRADE TO LED

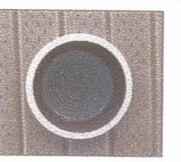
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 Drawn by/Dessiné par
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 PWGSC Project Manager/Administrateur de Projets TPSGC
 Calvin Lu
 PWGSC, Regional Manager, Architectural and Engineering Services/
 Gestionnaire régional, Services d'architecture et de génie, TPSGC
 Preetipal Paul

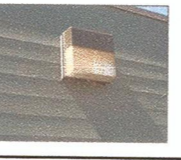
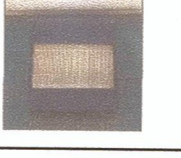
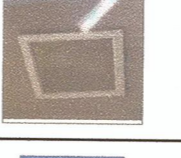

Drawing title/Titre du dessin
FRASER VALLEY INSTITUTION
LUMINAIRE SCHEDULE (1)




FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Living Unit 7										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊗	A 106	28	150W	120V	Flood	4.9m	HPS	2		Type 'K' Single Head

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Living Unit 9										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊗	A 106	7	26W	120V	Wall Pack	2.4m	Compact Fluorescent	1		Type 'C4'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Living Unit 11										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊗	A 106	28	50w	120V	8" Pot Light	2.4m	HPS	2		Type 'E2'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Building F										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊗	2E FR-12	22,24,26, 44,46,48	70W	120V	Wall Pack	2.4m	HPS	14		Type 'C3'
⊗	2E FR-12	22,24,26, 44,46,48	70W	120V	Wall Pack	2.4m	HPS	10		Type 'C3'
⊗	2A FR-34	22,24,26, 44,46,48	35	120V	Square Pot Light	2.4m	HPS	4		Type 'L1' (Note 4)
⊗	6A FR-34	1,3,5	250W	120V	Post Top Down Light	2.4m	HPS	8		Type 'T'

FRASER VALLEY INSTITUTION - LUMINAIRE SCHEDULE										
Private Family Visiting										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊗	Main Panel Main Room	N/A	50W	120V	6" Pot Light	2.4m	HPS	3		Type 'E3'
⊗	Main Panel Main Room	N/A	50W	120V	Wall Light	2.4m	Incandescent	2	-	Type 'G' (Note 3)

NOTES:
 1- CIRCUIT NUMBERS AND MOUNTING TYPES FOR LUMINAIRES ARE PROVIDED FOR INFORMATION. CONFIRM ALL INFORMATION ON SITE PRIOR TO PERFORMING ANY WORK AND ORDERING ANY MATERIAL.
 2- REFER TO SPECIFICATIONS / SECTION 26 50 00 FOR DETAILS OF NEW LED LUMINAIRES.
 3- TYPE 'G' LUMINAIRES SHALL REMAIN. REPLACE ONLY LAMPS WITH LED LAMPS.
 4- TYPE 'L1' LUMINAIRES SHALL REMAIN. PROVIDE CONVERSION SOCKET AND REPLACE HPS LAMPS WITH LED EQUIVALENT IN ACCORDANCE WITH THE SPECIFICATIONS / SECTION 26 50 00.


 V. AYDIN
 # 33421
 OCT 20, 2017

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1	Issued For Tender	10/20/2017
0	Design Completion	10/13/2017
	Revision/Description	Date/Date

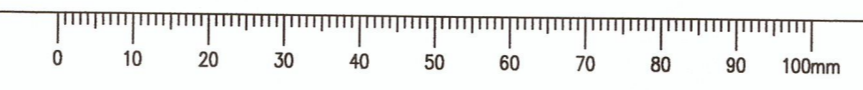
Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
MATSQUI COMPLEX
 33344 KING ROAD
 ABBOTSFORD, B.C.
INTERNAL LIGHTING UPGRADE TO LED

Consultant Signature Box Only
 Designed by/Concept par
 Veyssel Aydin
 Drawn by/Dessiné par
 S. Banfield
 PWGSC Project Manager/Administrateur de Projets TPSGC
 Calvin Lu
 PWGSC, Regional Manager, Architectural and Engineering Services/
 Gestionnaire régionale, Services d'architecture et de génie, TPSGC
 Frédéric Paul

Drawing title/Titre du dessin
FRASER VALLEY INSTITUTION LUMINAIRE SCHEDULE (2)

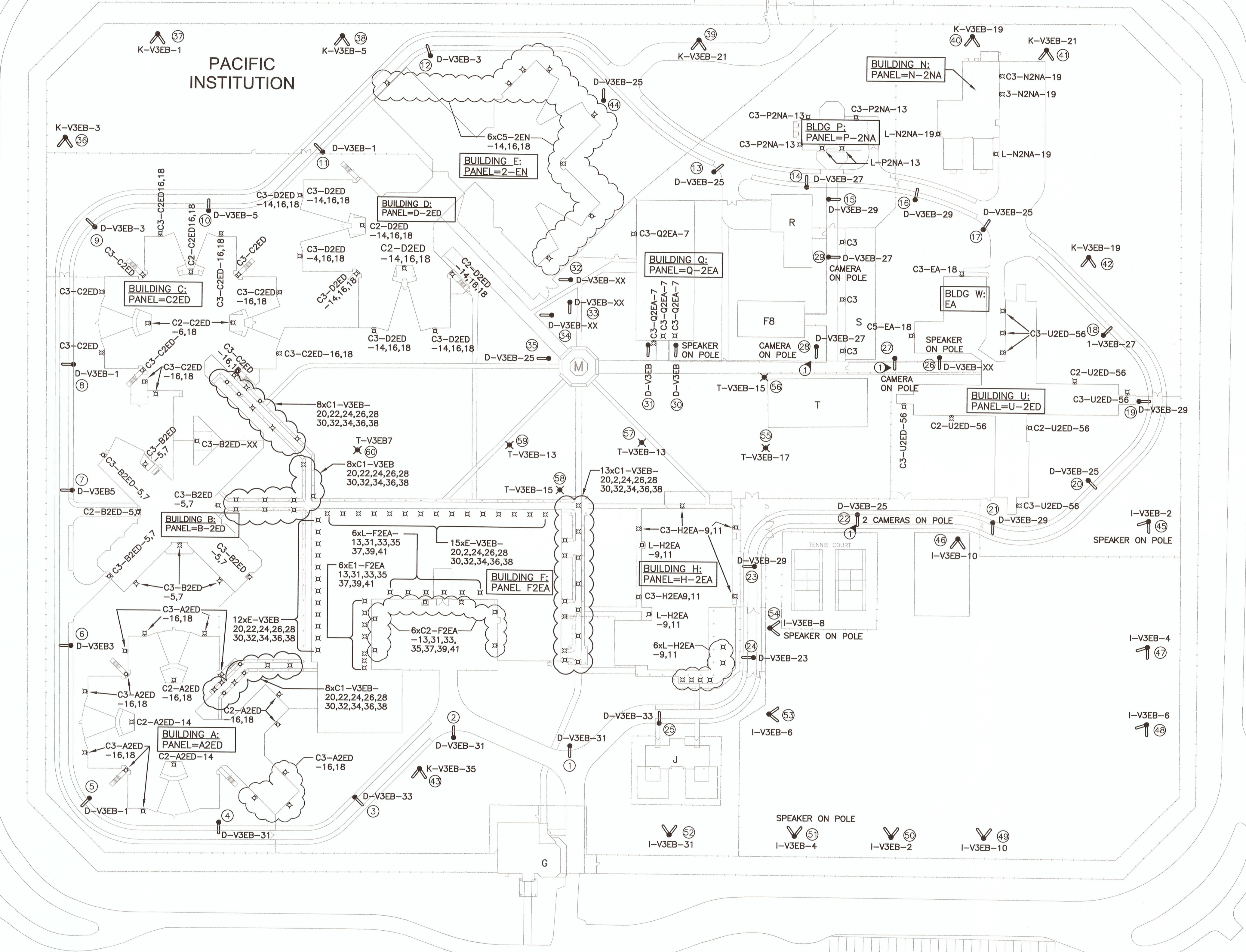
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R.090363.001	E-6 OF 8	1





- GENERAL NOTES:**
- FLOOD LIGHT LUMINAIRES (POLES # 1 TO 35 - TYPE - 'D'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 35) WITH NEW LED LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - FLOOD LIGHT LUMINAIRES (POLES # 36 TO 43 - TYPE - 'K'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 16) WITH NEW LED LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - FLOOD LIGHT LUMINAIRES (POLES # 45 TO 54 - TYPE - 'Y'); REPLACE EXISTING FLOOD LIGHT LUMINAIRES (TOTAL OF 20) WITH NEW LED LUMINAIRES AS INDICATED ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - LAMP STANDARDS (POST TOP DOWN LIGHT - # 55 TO 60 - TYPE 'T'); REPLACE EXISTING POST MOUNT LUMINAIRES (TOTAL OF 6) WITH NEW LED LUMINAIRES AS SHOWN.
 - WALL PACK AND POT LIGHT LUMINAIRES - TYPE - 'C1', 'C2', 'C3', 'C5', AND 'L'; REPLACE EXISTING EXTERIOR WALL AND CEILING MOUNT LUMINAIRES WITH NEW LED LUMINAIRES AS SHOWN ON THE SITE PLAN AND LUMINAIRE SCHEDULE.
 - REMOVE ONLY THE NUMBER OF LUMINAIRES THAT WILL BE REPLACED IN THE SAME DAY.
 - DISPOSE OF ALL EXISTING REMOVED AND UNUSED MATERIALS FROM THE SITE.
 - ALLOW FOR ONE TIME RE-ADJUSTMENT OF ALL LIGHT OUTPUT MODULES IN THE NEW LUMINAIRES ON SITE, AFTER THE DEMONSTRATION OF NEW LUMINAIRES TO DEPARTMENTAL REPRESENTATIVE.

- DRAWING NOTES:**
- EXISTING CCTV SECURITY CAMERAS ARE INSTALLED ON LIGHT POLES AT APPROXIMATELY 6.0M ABOVE FINISHED GRADE AND LUMINAIRES ARE INSTALLED ON TOP OF THE POLES (APPROX. 10.5M) AS IDENTIFIED ON THE DRAWINGS. DURING CONSTRUCTION PERIOD, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR RE-POSITIONING OF THE EXISTING POLE MOUNTED CCTV CAMERAS. IF NEEDED TO REPAIR DAMAGED CAMERAS OR TO REPOSITION CAMERAS, USE GENETEC-CERTIFIED SPECIALIST CCTV SUB-CONTRACTOR.



POWERHOUSE: V
 PANELS=
 V-3EB
 V-3EA
 V-3NA

SITE PLAN
 SCALE 1: 750

PARKING

PARKING



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1	Issued For Tender	10/20/2017
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Revision/	Description/Description	Date/Date

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
MATSQUI COMPLEX
 33344 KING ROAD
 ABBOTSFORD, B.C.

INTERNAL LIGHTING UPGRADE TO LED

Consultant Signature Box Only
 Designed by/Concept par
 Veysei Aydin
 Drawn by/Dessiné par
 S. Barnfield
 PWGSC Project Manager/Administrateur de Projets TPSGC
 Calvin Lu
 PWGSC Regional Manager, Architectural and Engineering Services/
 Gestionnaire Régionale, Services d'architectural et de génie, TPSGC
 Présent/Paul

Drawing title/Titre du dessin
PACIFIC INSTITUTION
SITE PLAN

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision
R.090363.001	E-7	1
	OF 8	

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	V-3EB Electrical Room V1001	1,3,5,23, 25,27,29, 31,33	400W	347V	Shoe Box/ Tenon	10.4m	Flood/HPS	36		Type 'D' (Single Head)
⊘	V-3EB Electrical Room V1001	13,5,19, 21,31,35	400W	347V	Tenon	10.4m	Flood/HPS	16		Type 'K' (Dual Head)
⊘	V-3EB Electrical Room V1001	7,13,15,17	150W	347V	Tenon	10.5m	Post Top Down Light/HPS	6		Type 'T'
⊘	V-3EB Electrical Room V1001	2,4,6,8,10	200W	347V	Tenon	10.4m	Ball Field/induction	20		Type 'I' (Dual Head)
⊘	V-3EB Electrical Room V1001	20,22,24, 26,28,30, 32,34,36, 38,	100W	347V	Recessed	3.5m	10" Pot Light/HPS	27		Type 'E'
⊘	V-3EB Electrical Room V1001	20,22,24, 26,28,30, 32,34,36, 38,	100W	347V	Surface	2.7m	Wall Pack/HPS	37		Type 'C1'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	A-2ED A2002	16,18	100W	120V	Wall Pack	2.4m	HPS	12		Type 'C3'
⊘	A-2ED A2002	14	250W	120V	Wall Pack	4.3m	HPS	5		Type 'C2'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	B-2ED B2003	5,7	100W	120V	Wall Pack	2.4m	HPS	9		Type 'C3'
⊘	B-2ED B2003	5,7	250W	120V	Wall Pack	4.3m	HPS	1		Type 'C2'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	C-2ED C2001A	16,18	70W	120V	Wall Pack	2.4m	HPS	12		Type 'C3'
⊘	C-2ED C2001A	16,18	175W	120V	Wall Pack	4.3m	HPS	3		Type 'C2'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	D-2ED D2002	14,16	70W	120V	Wall Pack	2.4m	HPS	5		Type 'C3'
⊘	D-2ED D2002	18	175W	120V	Wall Pack	4.3m	HPS	3		Type 'C2'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	2-EN E2002	14,16	70W	120V	Wall Pack	2.4m	MH	8		Type 'C5'

NOTES:
 1- CIRCUIT NUMBERS AND MOUNTING TYPES FOR LUMINAIRES ARE PROVIDED FOR INFORMATION. CONFIRM ALL INFORMATION ON SITE PRIOR TO PERFORMING ANY WORK AND ORDERING ANY MATERIAL.
 2- REFER TO SPECIFICATIONS / SECTION 26 50 00 FOR DETAILS OF NEW LED LUMINAIRES.

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	F-2EA E2002	13,31,33,35, 37,39,41	250W	120V	Wall Pack	4.3m	HPS	6		Type 'C2'
⊘	F-2EA E2002	13,31,33,35, 37,39,41	100W	120V	Recessed	3.5m	10" Pot Light/HPS	7		Type 'E1'
⊘	F-2EA E2002	13,31,33,35, 37,39,41	150W	120V	Surface Canopy Light	5.2m	Down Light/HPS	6		Type 'L'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	H-2EA H2002	9,11	100W	120V	Wall Pack	2.4m	HPS	5		Type 'C3'
⊘	H-2EA H2002	9,11	150W	120V	Surface Canopy Light	5.2m	HPS	8		Type 'L'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	N-2NA N1020A	19	100W	120V	Wall Pack	2.4m	HPS	2		Type 'C3'
⊘	N-2NA N1020A	19	150W	120V	Surface Canopy Light	5.2m	Down Light/HPS	2		Type 'L'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	P-2NA P0001A	13	100W	120V	Wall Pack	2.4m	HPS	3		Type 'C3'
⊘	P-2NA P0001A	13	150W	120V	Surface Canopy Light	5.2m	Down Light/HPS	2		Type 'L'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	Q-2EA Q2002	7	100W	120V	Surface	2.4m	Wall Pack/HPS	4		Type 'C3'


PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	S-2NA N/A	21	100W	120V	Surface	2.4m	Wall Pack/HPS	4		Type 'C3'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	U-2ED U2004	56	100W	120V	Surface	2.4m	Wall Pack/HPS	6		Type 'C3'
⊘	U-2ED U2004	56	250W	120V	Surface	4.3m	Wall Pack/HPS	3		Type 'C2'

PACIFIC INSTITUTION - LUMINAIRE SCHEDULE										
Symbol	Existing Panel/Location	Existing Circuit No.	Existing Wattage	Existing Voltage	Mounted	Height	Existing Luminaire/ Lamp	Quantity of Existing /New Luminaires	Picture of Existing luminaire	Existing/New Luminaire Type (Note 2)
⊘	EA W107	18	100W	120V	Surface	2.4m	Wall Pack/HPS	1		Type 'C3'
⊘	EA W107	18	70W	120V	Surface	2.7m	Wall Pack/MH	1		Type 'C5'

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS



Oct. 20, 2017

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CORRECTIONAL SERVICE CANADA

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PWGSC Project Manager/Administrateur de Projets TPSGC
Calvin Lu

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

Drawing title/Titre du dessin
PACIFIC INSTITUTION LUMINAIRE SCHEDULE

Project No./No. du projet R.090363.001	Sheet/ E-8 OF 8	Revision no./ 1
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