



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA EDMONTON MAXIMUM SECURITY INSTITUTION

EDMONTON, ALBERTA PROJECT NUMBER: R.078013.001

SHEET #	SHEET #	SHEET TITLE	DRAWING TITLE	WORK AREA	IN THIS SUBMISSION
GENERAL					
1	G1	SHEET LIST TABLE	COVER SHEET		INCLUDED
2	G2	BASEMENT / TUNNEL PLAN	SITE ACCESS		INCLUDED
3	G3	MAIN FLOOR PLAN	SITE ACCESS		INCLUDED
4	G4	MECHANICAL ROOM & ROOF PLAN	SITE ACCESS		INCLUDED
ARCHITECTURAL					
5	A1	CEILING PLAN AND DETAILS	CEILING AND PLAN DETAILS		INCLUDED
6	A2	PLAN AND SECTION DETAILS	PLAN AND SECTION DETAILS		INCLUDED
7	A3	PLAN AND SECTION DETAILS	PLAN AND SECTION DETAILS		INCLUDED
STRUCTURAL					
8	S1	ROOF PLANS AND DETAILS	AHU SUPPORTS		INCLUDED
9	S2	STANDS AND PADS	AHU SUPPORTS		INCLUDED
10	S3	INFILLS	INFILLS		INCLUDED
MECHANICAL					
11	M1	MECHANICAL LEGEND	MECHANICAL LEGEND		INCLUDED
12	M2	AB CELL TUNNEL DEMOLITION PLAN	AB BLOCK TUNNEL	WORK AREA D	INCLUDED
13	M3	CD CELL TUNNEL DEMOLITION PLAN	CD BLOCK TUNNEL	WORK AREA D	INCLUDED
14	M4	GH CELL TUNNEL DEMOLITION PLAN	GH BLOCK TUNNEL	WORK AREA D	INCLUDED
15	M5	EF CELL TUNNEL DEMOLITION PLAN	EF BLOCK TUNNEL	WORK AREA D	INCLUDED
16	M6	AB UNIT OFFICES AND MF CELL BLOCK DEMOLITION PLAN	AB BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
17	M7	CD UNIT OFFICES AND MF CELL BLOCK DEMOLITION PLAN	CD BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
18	M8	GH UNIT OFFICES AND MF CELL BLOCK DEMOLITION	GH BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
19	M9	EF UNIT OFFICES AND MF CELL BLOCK DEMOLITION	EF BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
20	M10	GYM AREA AND PILL ROOM DEMOLITION	GYM AREA AND PILL ROOM	WORK AREA B	INCLUDED
21	M11	ADMISSION, DISCHARGE, CONTACT AND VISITATION DEMOLITION	ADMISSION, DISCHARGE, CONTACT & VISITATION	WORK AREA B	INCLUDED
22	M12	EXECUTIVE SERVICES DEMOLITION	EXECUTIVE SERVICES	WORK AREA C	INCLUDED
23	M13	PROGRAM OFFICES DEMOLITION	PROGRAM OFFICES	WORK AREA B	INCLUDED
24	M14	ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION DEMOLITION	ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION HEATING AND CONTROLS	WORK AREA F	INCLUDED
25	M15	SG MECHANICAL DEMOLITION	SEGREGATION AND DISSOCIATION	WORK AREA A	INCLUDED
26	M16	WEST MECHANICAL DEMOLITION	WEST MECHANICAL ROOM NORTH	WORK AREA B	INCLUDED
27	M17	WEST MECHANICAL PLAN DEMOLITION	WEST MECHANICAL ROOM SOUTH	WORK AREA B	INCLUDED
28	M18	EAST MECHANICAL DEMOLITION	EAST MECHANICAL ROOM	WORK AREA E	INCLUDED
29	M19	WEST ROOF PLAN	WEST ROOF PLAN	WORK AREA ROOF	INCLUDED
30	M20	EAST ROOF PLAN	EAST ROOF PLAN	WORK AREA ROOF	INCLUDED
31	M21	PLUMBING PLAN NW	PLUMBING PLAN	WORK AREA B	INCLUDED

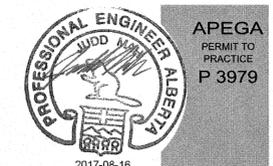
32	M22	PLUMBING PLAN W	PLUMBING PLAN	WORK AREA B	INCLUDED
33	M23	PLUMBING PLAN SW	PLUMBING PLAN	WORK AREA B	INCLUDED
34	M24	PLUMBING PLAN SE	PLUMBING PLAN	WORK AREA F	INCLUDED
35	M25	AB CELL TUNNEL HEATING AND CONTROLS	AB BLOCK TUNNEL	WORK AREA D	INCLUDED
36	M26	CD CELL TUNNEL HEATING AND CONTROLS	CD BLOCK TUNNEL	WORK AREA D	INCLUDED
37	M27	GH CELL TUNNEL HEATING AND CONTROLS	GH BLOCK TUNNEL	WORK AREA D	INCLUDED
38	M28	EF CELL TUNNEL HEATING AND CONTROLS	EF BLOCK TUNNEL	WORK AREA D	INCLUDED
39	M29	GYM AREA HEATING PLAN AND CONTROLS	GYM AREA	WORK AREA B	INCLUDED
40	M30	HEALTHCARE HEATING AND CONTROLS	HEALTHCARE	WORK AREA B	INCLUDED
41	M31	ADMISSION, DISCHARGE, CONTACT AND VISITATION HEATING AND CONTROL	ADMISSION, DISCHARGE, CONTACT & VISITATION	WORK AREA B	INCLUDED
42	M32	EXECUTIVE SERVICES HEATING AND CONTROLS	EXECUTIVE SERVICES	WORK AREA C	INCLUDED
43	M33	FOOD SERVICES HEATING AND CONTROLS	FOOD SERVICES	WORK AREA E	INCLUDED
44	M34	CORCAN AREA HEATING AND CONTROLS	CORCAN AREA	WORK AREA E	INCLUDED
45	M35	ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION HEATING AND CONTROLS	ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION HEATING AND CONTROLS	WORK AREA F	INCLUDED
46	M36	SG MAIN FLOOR PLAN HEATING & CONTROLS	SEGREGATION AND DISSOCIATION	WORK AREA A	INCLUDED
47	M37	SG ROOF PLAN HEATING & CONTROLS	SEGREGATION AND DISSOCIATION	WORK AREA A	INCLUDED
48	M38	AB CELL TUNNEL VENTILATION	AB BLOCK TUNNEL	WORK AREA D	INCLUDED
49	M39	CD CELL TUNNEL VENTILATION	CD BLOCK TUNNEL	WORK AREA D	INCLUDED
50	M40	GH CELL TUNNEL VENTILATION	GH BLOCK TUNNEL	WORK AREA D	INCLUDED
51	M41	EF CELL TUNNEL VENTILATION	EF BLOCK TUNNEL	WORK AREA D	INCLUDED
52	M42	AB UNIT OFFICES LOWER LEVEL AND 1ST FLOOR CELL BLOCK VENTILATION	AB BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
53	M43	CD UNIT OFFICES LOWER LEVEL AND 1ST FLOOR CELL BLOCK VENTILATION	CD BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
54	M44	GH UNIT OFFICES LOWER LEVEL AND 1ST FLOOR CELL BLOCK VENTILATION	GH BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
55	M45	EF UNIT OFFICES LOWER LEVEL AND 1ST FLOOR CELL BLOCK VENTILATION	EF BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
56	M46	GYM AREA & PSYCHOLOGY VENTILATION PLAN	GYM AREA & PSYCHOLOGY	WORK AREA B	INCLUDED
57	M47	CONTACT VISITATION VENTILATION	CONTACT & VISITATION	WORK AREA B	INCLUDED
58	M48	FOOD SERVICES VENTILATION	FOOD SERVICES	WORK AREA E	INCLUDED
59	M49	ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION VENTILATION	ENGINEERING, MAINTENANCE, LAUNDRY AND EDUCATION HEATING AND CONTROLS	WORK AREA F	INCLUDED
60	M50	AB UNIT OFFICES UPPER LEVEL AND 2ND FLOOR CELL BLOCK VENTILATION	AB BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
61	M51	CD UNIT OFFICES UPPER LEVEL AND 2ND FLOOR CELL BLOCK VENTILATION	CD BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
62	M52	GH UNIT OFFICES UPPER LEVEL AND 2ND FLOOR CELL BLOCK VENTILATION	GH BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
63	M53	EF UNIT OFFICES UPPER LEVEL AND 2ND FLOOR CELL BLOCK VENTILATION	EF BLOCK UNIT OFFICES	WORK AREA D	INCLUDED
64	M54	SG MAIN FLOOR VENTILATION	SEGREGATION AND DISSOCIATION	WORK AREA A	INCLUDED
65	M55	SG CELL 2ND FLOOR PLAN VENTILATION	SEGREGATION AND DISSOCIATION	WORK AREA A	INCLUDED
66	M56	SG MECHANICAL ROOM	SEGREGATION AND DISSOCIATION	WORK AREA A	INCLUDED
67	M57	WEST MECHANICAL	WEST MECHANICAL ROOM NORTH	WORK AREA B	INCLUDED
68	M58	WEST MECHANICAL SOUTH	WEST MECHANICAL ROOM SOUTH	WORK AREA B	INCLUDED
69	M59	EAST MECHANICAL ROOM	EAST MECHANICAL ROOM	WORK AREA E	INCLUDED

70	M60	SECTIONS	SECTIONS 1		INCLUDED
71	M61	SECTIONS 2	SECTIONS 2		INCLUDED
72	M62	DETAILS	DETAILS 1		INCLUDED
73	M63	DETAILS 2	DETAILS 2		INCLUDED
74	M64	DETAILS 3	DETAILS 3		INCLUDED
75	M65	DETAILS 4	DETAILS 4		INCLUDED
76	M66	SCHEDULES	SCHEDULES 1		INCLUDED
77	M67	SCHEDULES 2	SCHEDULES 2		INCLUDED
78	M68	SCHEDULES 3	SCHEDULES 3		INCLUDED
ELECTRICAL					
79	E1	SYMBOLS AND LEGEND	SYMBOLS AND LEGEND		INCLUDED
80	E2	OVERALL SITE	OVERALL SITE PLAN		INCLUDED
81	E3	WEST BUILDING PLAN	WEST BUILDING PLAN		INCLUDED
82	E4	EAST AREAS	EAST BUILDING PLAN		INCLUDED
83	E5	UPPER LEVEL	UPPER LEVEL		INCLUDED
84	E6	BLOCKS 'A', 'B', 'C', 'D'	BLOCKS 'A', 'B', 'C', 'D'		INCLUDED
85	E7	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
86	E8	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
87	E9	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
88	E10	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
89	E11	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
90	E12	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
91	E13	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
92	E14	SINGLE LINE DIAGRAM	SINGLE LINE DIAGRAM		INCLUDED
93	E15	MCC LAYOUT ELEVATIONS	MCC LAYOUT ELEVATIONS		INCLUDED
94	E16	MCC LAYOUT ELEVATIONS	MCC LAYOUT ELEVATIONS		INCLUDED
95	E17	MCC LAYOUT ELEVATION	MCC LAYOUT ELEVATION		INCLUDED
96	E18	FA - LOWER LEVEL AND 1st FLOOR CELL	LOWER LEVEL AND 1st FLOOR CELL		INCLUDED
97	E19	FA - UPPER LEVEL AND 2nd FLOOR CELL	UPPER LEVEL AND 2nd FLOOR CELL		INCLUDED
98	E20	FA - SEGREGATION AREA	SEGREGATION AND DISSOCIATION		INCLUDED
99	E21	FA - BLOCKS 'A', 'B', 'C', 'D'	BLOCKS 'A', 'B', 'C', 'D'		INCLUDED
100	E22	DISTRIBUTION PANEL SCHEDULES	DISTRIBUTION PANEL SCHEDULES		INCLUDED
101	E23	DISTRIBUTION PANEL SCHEDULE	DISTRIBUTION PANEL SCHEDULE		INCLUDED
102	E24	EQUIPMENT LOAD SCHEDULE	EQUIPMENT LOAD SCHEDULE		INCLUDED
103	E25	EQUIPMENT LOAD SCHEDULE 2	EQUIPMENT LOAD SCHEDULE		INCLUDED

Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest



0 ISSUED FOR TENDER 2017.08.16

Revision/Description/Date

Client/Client
**PUBLIC WORKS &
GOVERNMENT SERVICES
CANADA**

Project title/Titre du projet
**EDMONTON MAXIMUM
SECURITY INSTITUTION**

Approved by/Approve par
J. MAH

Designed by/Concept par
J. MAH

Drawn by/Dessiné par
J. CHOA

PWSSC Project Manager/Administrateur de Projets TPSSC
ANDREW GILLESE

PWSSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSSC

Client/Client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin
**COVER SHEET
SHEET LIST TABLE**

Project No./No. du projet
R.078013.001

Sheet/Feuille
G1
OF 103

Revision no./
La Révision
no.
0

ASSOCIATED ENGINEERING
QUALITY MANAGEMENT

Hans Wolf
SIGNATURE

16 Aug 2017
DATE

