161-11133-00

DISTRIBUTION SCHEDULE

NEW PANEL NAME	EXISTING PANEL NAME	DESCRIPTION	VOLTAGE	BUS	PH.	WIRES	LOCATION	FEEDERS	FED FROM	NOTES
6LCNE-N1	-	N.E LOAD CENTRE DISTRIBUTION PANEL (600V NORMAL)	347/600V	800A	3φ	4W	N.E LOADCENTRE	3X4#750, 1#2 GND - 125C	TXNE-N1	NEW EQUIPMENT
6LCNE-E1	-	N.E LOAD CENTRE DISTRIBUTION PANEL (600V EMERGENCY)	347/600V	800A	3φ	4W	N.E LOADCENTRE	2X4#350, 1#3 GND - 75C	6ATS-NE	NEW EQUIPMENT
2PPNE-E1	-	N.E LOAD CENTRE PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	N.E LOADCENTRE	4#3/0, 1#4 GND - 64C	TXNE-E1	NEW EQUIPMENT
2PPNE-E2	-	N.E LOAD CENTRE GENERATOR PANEL (120/208V EMERGENCY)	120/208V	100A	3φ	4W	N.E LOADCENTRE GENERATOR	4#3, 1#6 GND - 40C	TXNE-E2	NEW EQUIPMENT
6DPA3-E1	CDP 'CBP1'	A-3 LOUNGE BUILDING DISTRIBUTION PANEL (600V EMERGENCY)	347/600V	225A	3φ	4W	A-3 LOUNGE	4c#3/0 Teck	6DPNE-E1	REPLACE EXISTING DISTRIBUTION PANEL
2DPA3-E1	CDP 'CBP2'	A-3 LOUNGE BUILDING DISTRIBUTION PANEL (120/208V EMERGENCY)	120/208V	400A	3φ	4W	A-3 LOUNGE	4#250, 1#4 GND - 75C	TXA3-E1	REPLACE EXISTING DISTRIBUTION PANEL
2PA3-E1	PANEL 'A'	A-3 LOUNGE BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-3 LOUNGE	4#3, 1#6 GND - 40C	2DPA3-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA3-E2	PANEL 'C'	A-3 LOUNGE BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-3 LOUNGE	4#3, 1#6 GND - 40C	2DPA3-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA3-E3	PANEL 'B'	A-3 LOUNGE BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-3 LOUNGE	4#3, 1#6 GND - 40C	2DPA3-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA3-E4	PANEL 'Z'	A-3 LOUNGE BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-3 LOUNGE	4#3, 1#6 GND - 40C	2DPA3-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA3-E5	PANEL 'EX'	A-3 LOUNGE BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-3 LOUNGE	3#6, 1#6 GND - 40C	2DPA3-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
6DPA4-E1	CDP '6MD-1'	A-4 ADMIN BUILDING DISTRIBUTION PANEL (600V EMERGENCY)	347/600V	225A	3φ	4W	A-4 LOUNGE	4c#3/0 Teck	6DPNE-E1	REPLACE EXISTING DISTRIBUTION PANEL
2DPA4-E1	CDP 'MD-1'	A-4 ADMIN BUILDING DISTRIBUTION PANEL (120/208V EMERGENCY)	120/208V	400A	3φ	4W	A-4 LOUNGE	4#3/0, 1#4 GND - 64C	TXA4-E1	REPLACE EXISTING DISTRIBUTION PANEL
2PA4-E1	PANEL '100'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#1/0, 1#6 GND - 50C	2DPA4-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E2	PANEL '200'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#1/0, 1#6 GND - 50C	2DPA4-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E3	PANEL '500'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#3, 1#6 GND - 40C	2PA4-E2	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E4	PANEL '300'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#3, 1#6 GND - 40C	2DPA4-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E5	PANEL '400'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#3, 1#6 GND - 40C	2DPA4-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E6	PANEL 'A42A'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#3/0, 1#4 GND - 64C	2DPA4-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E7	PANEL '700'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#3, 1#6 GND - 40C	2DPA4-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PA4-E8	PANEL '800'	A-4 ADMIN BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	A-4 LOUNGE	4#3, 1#6 GND - 40C	2PA4-E7	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
6DPC31-E1	EXISTING SPLITTER	C-31 MAINTENANCE BUILDING DISTRIBUTION PANEL (600V EMERGENCY)	347/600V	225A	3φ	4W	C-31 MAINTENANCE	4c#3/0 Teck	6DPNE-E1	NEW EQUIPMENT
2DPC31-E1	EXISTING SPLITTER	C-31 MAINTENANCE BUILDING DISTRIBUTION PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	C-31 MAINTENANCE	4#3/0, 1#4 GND - 64C	TXC31-E1	NEW EQUIPMENT
2PC31-E1	PANEL 'A'	C-31 MAINTENANCE BUILDING PANEL & SUB-PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	C-31 MAINTENANCE	4#3, 1#6 GND - 40C	2DPC31-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
2PC31-E2	COMPOUND PANEL	C-31 MAINTENANCE BUILDING PARKING COMPOUND PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	C-31 MAINTENANCE	3#3, 1#6 GND - 40C	2DPC31-E1	REPLACE EXISTING PANEL WITH NEW CUSTOM PANEL, MANUFACTURED TO USE EXISTING PANEL ENCLOSURE.
6DPC33-E1	CDP 'MDP'	C-33 STORES BUILDING DISTRIBUTION PANEL (600V EMERGENCY)	347/600V	225A	3φ	4W	C-33 STORES	4c#1 Teck	6DPNE-E1	EXISTING PANEL TO REMAIN - RELABEL
2PC33-E1	PANEL 'A'	C-33 STORES BUILDING PANEL & SUB-PANEL (120/208V EMERGENCY)	120/208V	225A	3φ	4W	C-33 STORES	EXISTING	TXC33-E1	EXISTING PANEL TO REMAIN - RELABEL
2PC33-E2	PANEL 'B'	C-33 STORES BUILDING PANEL (120/208V EMERGENCY)	120/208V	225A	1φ	3W	C-33 STORES	EXISTING	TXC33-E2	EXISTING PANEL TO REMAIN - RELABEL
6DPP1-N1	CDP 'OEH'	PARKING LOT #1 DISTRIBUTION PANEL (600V NORMAL)	347/600V	225A	3φ	4W	P-1 PARKING LOT	4#3/0, 1#4 GND - 125C	6DPNE-E1	EXISTING PANEL TO REMAIN - RELABEL
2PP1-N1	PANEL 'P1A'	PARKING LOT #1 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-1 PARKING LOT	EXISTING	TXP1-N1	EXISTING PANEL TO REMAIN - RELABEL
2PP1-N2	PANEL 'P1B'	PARKING LOT #1 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-1 PARKING LOT	EXISTING	TXP1-N2	EXISTING PANEL TO REMAIN - RELABEL
2PP1-N3	PANEL 'P1C'	PARKING LOT #1 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-1 PARKING LOT	EXISTING	TXP1-N3	EXISTING PANEL TO REMAIN - RELABEL
2PP1-N4	PANEL 'P1D'	PARKING LOT #1 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-1 PARKING LOT	EXISTING	TXP1-N4	EXISTING PANEL TO REMAIN - RELABEL
6DPP2-N1	-	PARKING LOT #2 DISTRIBUTION PANEL (600V NORMAL)	347/600V	225A	3φ	4W	P-2 PARKING LOT	2X4c1/0, Teck	6DPNE-E1	NEW EQUIPMENT
2PP2-N1	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N1	NEW EQUIPMENT
2PP2-N2	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N2	NEW EQUIPMENT
2PP2-N3	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N3	NEW EQUIPMENT
2PP2-N4	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N4	NEW EQUIPMENT
2PP2-N5	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N5	NEW EQUIPMENT
2PP2-N6	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N6	NEW EQUIPMENT
2PP2-N7	-	PARKING LOT #2 PARKING PANEL (120/208V NORMAL)	120/208V	225A	3φ	4W	P-2 PARKING LOT	4#1/0, 1#8 GND - 50C	TXP2-N7	NEW EQUIPMENT

ELECTRICAL EQUIPMENT SCHEDULE

NEW EQUIPMENT NAME	EXISTING EQUIPMENT NAME	DESCRIPTION	VOLTAGE	KVA	PH.	WIRES	LOCATION	FEEDERS	FED FROM	NOTES
TXNE-N1	-	N.E LOAD CENTRE MAIN TRANSFORMER (750KVA NORMAL)	4160V - 347/400V	750KVA	3φ	3W - 4W	N.E LOADCENTRE	3#2, 1#6 GND-5KV POWER CABLE - 125C	MAIN 4160V LOADCENTRE	NEW EQUIPMENT
TXNE-E1	-	N.E LOAD CENTRE TRANSFORMER (75KVA EMERGENCY)	600V - 120/208V	75KVA	3φ	3W - 4W	N.E LOADCENTRE	3#4, 1#8 GND - 32C	6DPNE-E1	NEW EQUIPMENT
TXNE-E2	-	N.E LOAD CENTRE DISTRIBUTION PANEL (45KVA EMERGENCY)	600V - 120/208V	45KVA	3φ	3W - 4W	N.E LOADCENTRE	3#8, 1#10 GND - 25C	6DPNE-E1	NEW EQUIPMENT
-	UN-LABELLED 75KVA	A-3 LOUNGE BUILDING TRANSFORMER (75KVA NORMAL)	600V - 120/208V	75KVA	3φ	3W - 4W	A-3 LOUNGE	TO BE REMOVED	CDP 'CBP-1' IN BUILDING A-3	REMOVE EXISTING TRANSFORMER AND BRANCH CIRCUITRY ABANDONED AS PART OF THIS WORK.
-	UN-LABELLED 30KVA	A-3 LOUNGE BUILDING TRANSFORMER (30KVA EMERGENCY)	600V - 120/208V	30KVA	3φ	3W - 4W	A-3 LOUNGE	TO BE REMOVED	CDP 'PL3A' IN BUILDING B-2	REMOVE EXISTING TRANSFORMER AND BRANCH CIRCUITRY ABANDONED AS PART OF THIS WORK.
TXA3-E1	-	A-3 LOUNGE BUILDING TRANSFORMER (150KVA EMERGENCY)	600V - 120/208V	75KVA	3φ	3W - 4W	A-3 LOUNGE	4#3, 1# 8GND - 32C	6DPA3-E1	NEW EQUIPMENT AT LOCATION OF EXISTING TRANSFORMER BEING REMOVED.
TXA4-E1	UN-LABELLED 150KVA	A-4 ADMINISTRATION BUILDING TRANSFORMER (150KVA EMERGENCY)	600V - 120/208V	150KVA	3φ	3W - 4W	A-4 LOUNGE	4#1/0, 1#6 GND - 50C	6DPA4-E1	REPLACE EXISTING TRANSFORMER
TXC31-E1	UN-LABELLED 75KVA	C-31 MAINTENANCE BUILDING TRANSFORMER (75KVA NORMAL)	600V - 120/208V	75KVA	3φ	3W - 4W	C-31 MAINTENANCE	3#4, 1#8 GND - 32C	6DPC31-E1	REPLACE EXISTING TRANSFORMER
TXC33-E1	UN-LABELLED 75KVA	EXISTING C-33 STORES BUILDING TRANSFORMER (75KVA EMERGENCY)	600V - 120/208V	75KVA	3φ	3W - 4W	C-33 STORES	EXISTING	6DPC33-E1	REPLACE EXISTING TRANSFORMER
TXC33-E2	UN-LABELLED 30KVA	EXISTING C-33 STORES BUILDING TRANSFORMER (30KVA EMERGENCY)	600V - 120/208V	30KVA	3φ	3W - 4W	C-33 STORES	EXISTING	6DPC33-E1	REPLACE EXISTING TRANSFORMER
TXP1-N1	TXP1A	EXISTING PARKING LOT #1 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-1 PARKING LOT	EXISTING	6DPP1-N1	EXISTING TRANSFORMER PANEL TO REMAIN - RELABEL
TXP1-N2	TXP1B	EXISTING PARKING LOT #1 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-1 PARKING LOT	EXISTING	6DPP1-N1	EXISTING TRANSFORMER PANEL TO REMAIN - RELABEL
TXP1-N3	TXP1C	EXISTING PARKING LOT #1 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-1 PARKING LOT	EXISTING	6DPP1-N1	EXISTING TRANSFORMER PANEL TO REMAIN - RELABEL
TXP1-N4	TXP1D	EXISTING PARKING LOT #1 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-1 PARKING LOT	EXISTING	6DPP1-N1	EXISTING TRANSFORMER PANEL TO REMAIN - RELABEL
TXP2-N1	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
TXP2-N2	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
TXP2-N3	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
TXP2-N4	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
TXP2-N5	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
TXP2-N6	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
TXP2-N7	UN-LABELLED 45KVA	NEW PARKING LOT #2 PARKING DISTRIBUTION TRANSFORMER (120/208V NORMAL)	600V - 120/208V	45KVA	3φ	3W - 4W	P-2 PARKING LOT	3#8, 1#10 GND - 25C	6DPP2-N1	NEW EQUIPMENT
5SSSNE		SECTION SWITCHGEAR	5KV		3φ		NORTH EAST LOADCENTER		MAIN 4160V SWITCHGEAR	NEW EQUIPMENT
PFNE		POWER FACTOR CORRECTION 150KVAR	600V		3φ		NORTH EAST LOADCENTER	2X3#3/0, 1#4 GND - 64C	6LCNE-N1	NEW EQUIPMENT
ATSNE		TRANSFER SWITCH C/W BYPASS 600A	600V		3φ		NORTH EAST LOADCENTER		6LCNE-N1/GNE	NEW EQUIPMENT
GNE		GENERATOR	600V	625KVA	3φ		NORTH EAST LOADCENTER WALK IN UNIT			NEW EQUIPMENT

EQUIPMENT NAMING LEGEND

6 DP B2-E 1

INCOMING VOLTAGE
2 = 208V
4 = 480V
6 = 600V
5 = 5KV

EQUIPMENT TYPE
SG = SWITCHGEAR
SB = SWITCHBOARD
DP = DISTRIBUTION PANEL
TX = TRANSFORMER
MCC = MOTOR CONTROL CENTER
S = SPLITTER
SS = SECTIONALIZING SWITCHGEAR

BUILDING NUMBER

SERVICE TYPE
N = NORMAL
E = EMERGENCY
U = UPS

EQUIPMENT NUMBER

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Revision/Revision	Description/Description	Date/Date
1	ISSUED FOR ADDENDUM 3	12/04/2018
0	ISSUED FOR TENDER	25/01/2018

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
SASKATCHEWAN PENITENTIARY ELECTRICAL UPGRADES 2017

Approved by/Approuve par
BKB

Designed by/Concept par
JMS

Drawn by/Dessine par
JMS

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
CORRECTIONAL SERVICE CANADA

Drawing title/Titre du dessin
PACKAGE 1 - NORTH EAST LOAD CENTRE ELECTRICAL DISTRIBUTION SCHEDULES

Project No./No. du projet: R.080653.001
Sheet/Feuille: E6-01-01 OF XX
Revision no./La Révision no.: 1

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