



SUMITECH SERVICES LIMITED
TECHNICAL SERVICES PROJECT MANAGERS
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A
E4.0
REVISED ELECTRICAL SINGLE LINE DIAGRAM
N.T.S.

DRAWINGS NOTES:

- ① REPLACE EXISTING PANEL "A" WITH NEW PANEL "A". REFER TO PANEL SCHEDULE FOR EXACT BREAKER COUNT AND TYPE.
- ② EXISTING PANEL TO BE CHANGED TO JUNCTION BOX. 6X2P15 CCTS TO MAIN PANEL B & PROVIDE BREAKERS IN PANEL "B"
- ③ EXISTING PANEL TO BE CHANGED TO JUNCTION BOX. REMOVE EXISTING CONTACTOR & REPLACE WITH NEW 4X2P30 CONTACTORS IN ENCLOSURE. EXTEND EXISTING CCCTS TO NEW BREAKERS IN PANEL "B"

ELECTRICAL LOAD CALCULATION AS PER W.E.B. 8-210
1. BASE LOAD CLUB = 1533.5m2x20W/m2= 31kW
2. AC LOAD = 30kW
3. EXISTING EQUIPMENT LOAD = 12 kW
4. EXIST RINK LIGHTS = 12kW

TOTAL = 85 kW = 236 AMPS @ 120/208V/3φ/4W
SERVICE SIZE = 400A/120/208V/3φ/4W

2	ISSUED FOR ADDENDUM#1	PY	TJ	SEP 15 2016
1	ISSUED FOR TENDER/CONSTRUCTION	PY	DA	JUN 28 2016
0	ISSUED FOR QS ONLY	PY	TJ	JUN 17 2016
REV	DESCRIPTION	OWN	APP	REV DATE

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SEAL PERMIT TO PRACTICE

CLIENT
**THE CITY OF WINNIPEG
GREENDELL PARK C.C.**

PROJECT
HVAC ELECTRICAL UPGRADES

SHEET TITLE
ELECTRICAL SINGLE LINE & SCHEDULES

DRAWN BY PY	CHECKED BY DSA	SCALE N.T.S.	SHEET NO E103
DESIGNED BY TJ	JOB NUMBER 18558	DATE JUN 12 2016	REVISION NO 2