



- NOTES:**
- POWER THE NEW STARTER MS-EEF-1 FROM THE EXISTING PNL-EE UTILIZING THE EXISTING 600 V FEED USED TO POWER THE EXISTING CHLORINE ROOM EXHAUST FAN EEF-1. EXTEND THE EXISTING 600 V FEED FROM THE NEW STARTER MS-EEF-1 TO THE EXISTING CHLORINE ROOM EXHAUST FAN EEF-1. INSTALL NEW CONDUIT AS REQUIRED.
  - REMOVE EXISTING LOCAL DISCONNECT AND SUPPLY AND INSTALL NEW DISCONNECT DS-EEF-1 ON THE ROOF. REFER TO 1-0650M-E0024.
  - ENSURE THE STARTER LAYOUT FOR THE NEW STARTER MS-EEF-1 IS CONVENIENT FOR MAINTENANCE. THE STARTER LAYOUT TO BE REVIEW BY THE CONTRACT ADMINISTRATOR DURING THE SHOP DRAWING REVIEW PROCESS. PROVIDE A SUITABLE NEMA 4X PVC ENCLOSURE FOR ALL EQUIPMENT, WIRING, AND TERMINALS AS REQUIRED.
  - WIRE THE NEW FAN CONTROL PANEL CP-C800 TO THE NEW STARTER MS-EEF-1 AS INDICATED.
  - WIRE THE EXISTING EXHAUST FAN DAMPER XV-EEF-1 TO THE NEW STARTER MS-EEF-1 AS INDICATED.
  - GREY ITEMS DENOTES EXISTING EQUIPMENT, BOLD ITEMS DENOTES NEW EQUIPMENT.

10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	1-0650M-E0024-001	ELECTRICAL - PUMP STATION ROOF - POWER PLAN
4	1-0650M-E0023-001	ELECTRICAL - PUMP STATION MAIN AND PUMP LEVEL - POWER PLAN
3	1-0650M-E0018-001	ELECTRICAL - SINGLE LINE DIAGRAM - PNL-EE
2	1-0650C-E0003-001	ELECTRICAL - PUMP STATION - CP-C800 SCHEMATIC AND CONNECTION DIAGRAM
1	1-0650A-D0001-001	COVER SHEET
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



B.M.	-
ELEV.	-
DESIGNED BY:	I. BECK
CHECKED BY:	J. BOUCHARD
DRAWN BY:	S. GUSE
APPROVED BY:	J. BOUCHARD
SCALE:	N.T.S.
ISSUED FOR CONSTRUCTION	DATE: 2020-06-18
CONSULTANT NO.:	19-0107-005_E10
NO.	REVISIONS
DATE	DESIGN
CHECK	

**KGS GROUP**

ENGINEER'S SEAL

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

HURST PUMPING STATION  
STRUCTURAL REPAIRS AND DRAINAGE BUILDING UPGRADES  
ELECTRICAL  
PUMP STATION  
MS-EEF-1 SCHEMATIC AND CONNECTION DIAGRAM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0650C-E0004	001	0	A1