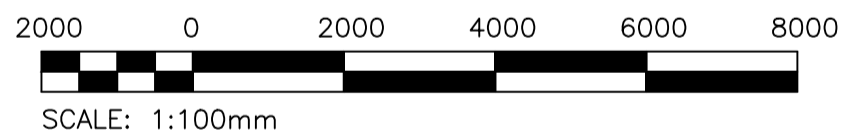


NOTES:

- EXISTING CONTROL PANEL SHALL BE REPLACED WITH NEW. DISCONNECT AND REMOVE EXISTING CONTROL PANEL AND ASSOCIATED ACCESSORIES.
 - EXISTING MOTOR TO REMAIN. DISCONNECT AND REMOVE EXISTING POWER WIRING BACK TO EXISTING CONTROL PANEL, AND PROVIDE NEW POWER WIRING WHEN NEW CONTROL PANEL IS INSTALLED. EXISTING CONDUIT SHALL BE REUSED. EXTEND CONDUIT AS REQUIRED.
 - ALL EXISTING CLARIFIER BRIDGE INSTRUMENT FIELD WIRING SHALL BE REPLACED WITH NEW. DISCONNECT AND REMOVE AND PROVIDE NEW WIRING WHEN NEW CONTROL PANEL IS INSTALLED. EXISTING CONDUIT TO REMAIN. EXTEND CONDUIT AS REQUIRED.
 - EXISTING FESTOON SYSTEM AND ASSOCIATED TROLLEYS SHALL BE REPLACED WITH NEW. DISCONNECT AND REMOVE EXISTING FESTOON SYSTEM AND ASSOCIATED ACCESSORIES BACK TO EXISTING TERMINATION BOX.
 - PROVIDE NEW FESTOON CABLE SYSTEM, TROLLEYS AND ALL ASSOCIATED ACCESSORIES. WIRE AND CONNECT TO EXISTING FESTOON TERMINATION BOX.
 - PROVIDE FESTOON FIBERFLEX FIBER OPTIC CABLE COMPLETE WITH ALL ASSOCIATED ACCESSORIES. WIRE AND CONNECT FIBER OPTIC CABLE TO NEW REMOTE I/O PANEL.
 - PROVIDE NEW BRIDGE REMOTE I/O NETWORK PANEL. COORDINATE MOUNTING LOCATION ON SITE.
 - EXISTING FESTOON TERMINATION JUNCTION BOX TO REMAIN.
- GENERAL NOTES:**
- GREY ITEMS DENOTE EXISTING TO REMAIN.

1 PRIMARY CLARIFIERS 1 & 2 - POWER AND INSTRUMENTATION PLAN



LEGEND:

- JUNCTION/TERMINATION BOX
- 3 PHASE MOTOR
- EXISTING FIELD INSTRUMENT
- NEW FIELD INSTRUMENT
- INSTRUMENT TAG
- OLD INSTRUMENT TAG
- FESTOON CABLE

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

REFERENCE DRAWINGS	DESCRIPTION



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION - 682-2018	2018/08/27	DDW	JAB

KGS GROUP CONSULTING ENGINEERS	
DESIGNED BY: D. WILSON	CHECKED BY: J. BOUCHARD
DRAWN BY: J. DE LEON	APPROVED BY: D. WILSON
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: B. STATION
DATE: 2018/07/20	DATE: 2018/08/27
CONSULTANT NO.: 1-0102-EGAD-P003-001	

ENGINEER'S SEAL

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT		
SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPCC UPGRADING/EXPANSION PROJECT ELECTRICAL - POWER AND INSTRUMENTATION MAIN FLOOR PLAN PRIMARY CLARIFIER 1 & 2 ELEV 234.39M		
CITY DRAWING NUMBER 1-0102-EGAD-P003	SHEET 001	REV. SIZE 00 A1