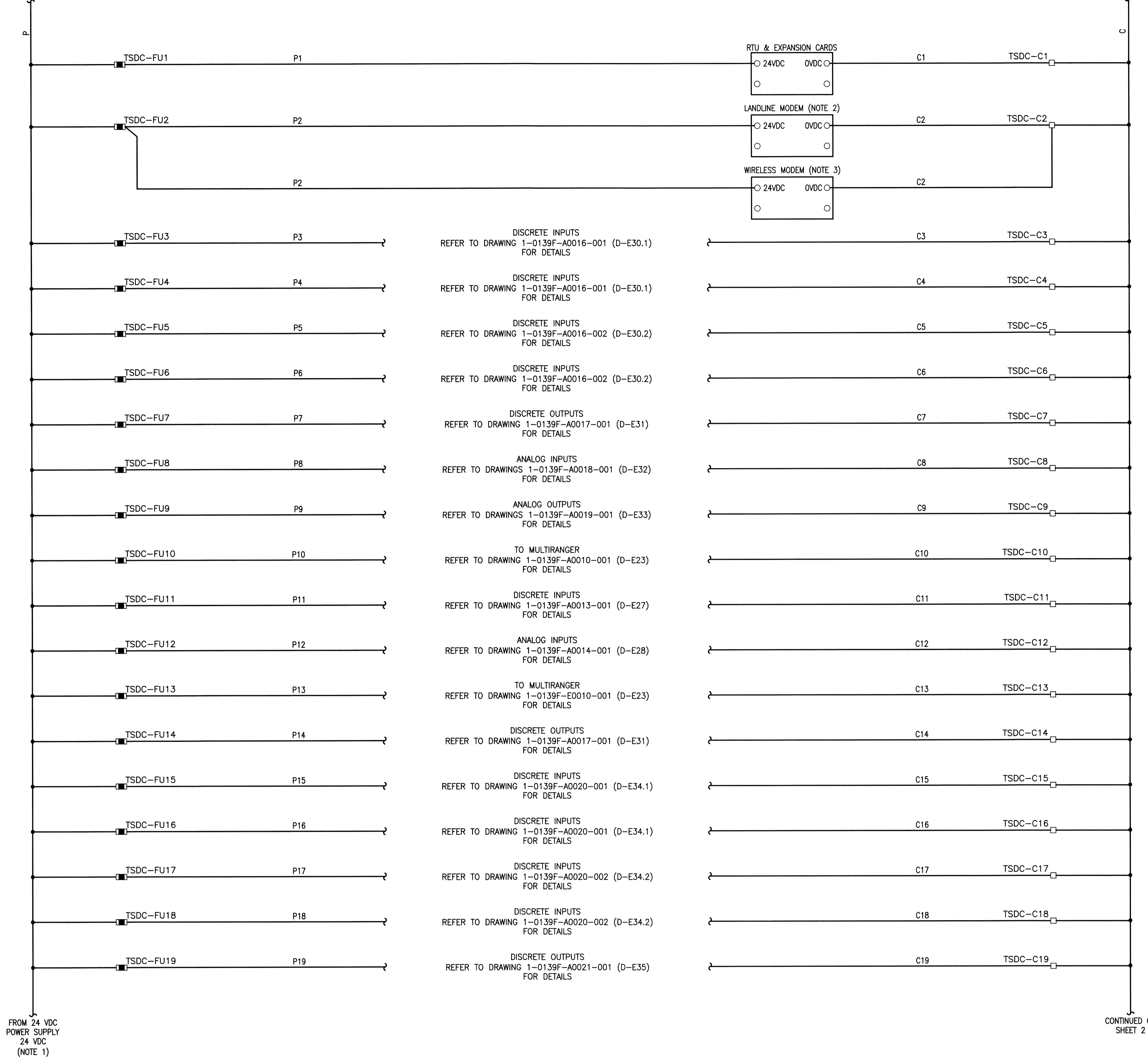


FROM 24 VDC POWER SUPPLY 24 VDC (NOTE 1)

FROM 24VDC POWER SUPPLY 0 VDC (NOTE 1)



DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0016-001 (D-E30.1) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0016-001 (D-E30.1) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0016-002 (D-E30.2) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0016-002 (D-E30.2) FOR DETAILS

DISCRETE OUTPUTS
REFER TO DRAWING 1-0139F-A0017-001 (D-E31) FOR DETAILS

ANALOG INPUTS
REFER TO DRAWINGS 1-0139F-A0018-001 (D-E32) FOR DETAILS

ANALOG OUTPUTS
REFER TO DRAWINGS 1-0139F-A0019-001 (D-E33) FOR DETAILS

TO MULTIRANGER
REFER TO DRAWING 1-0139F-A0010-001 (D-E23) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0013-001 (D-E27) FOR DETAILS

ANALOG INPUTS
REFER TO DRAWING 1-0139F-A0014-001 (D-E28) FOR DETAILS

TO MULTIRANGER
REFER TO DRAWING 1-0139F-E0010-001 (D-E23) FOR DETAILS

DISCRETE OUTPUTS
REFER TO DRAWING 1-0139F-A0017-001 (D-E31) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0020-001 (D-E34.1) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0020-001 (D-E34.1) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0020-002 (D-E34.2) FOR DETAILS

DISCRETE INPUTS
REFER TO DRAWING 1-0139F-A0020-002 (D-E34.2) FOR DETAILS

DISCRETE OUTPUTS
REFER TO DRAWING 1-0139F-A0021-001 (D-E35) FOR DETAILS

NOTES:

- REFER TO DRAWING 1-0139F-A0009-001 (D-E22) FOR ADDITIONAL DETAILS.
- LANDLINE MODEM SHALL BE A PHOENIX CONTACT PSI-DATA/FAX-MODEM/RS232 (PART No.2708203).
- WIRELESS MODEM SHALL BE A SIXNET BT-6621 (PART No. BT-6621-MTS) C/W SIM CARD SETUP WITH AN MTS ACCOUNT AND ANTENNA MOUNTED EXTERNALLY TO RTU ENCLOSURE.
- REFER TO DRAWING 1-0139F-A0017-001 (D-E31) FOR ADDITIONAL DETAILS.
- CONTROL CONTACT INPUT ON RELAY TD2 TERMINAL B1.
- LOCAL MODE TIMING RELAY WITH TIME ON DELAY. REFER TO DRAWING 1-0139F-A0010-001 (D-E23) FOR ADDITIONAL DETAILS.
- RTU MODE TIMING RELAY WITH TIME OFF DELAY. REFER TO DRAWING 1-0139F-A0017-001 (D-E31) FOR ADDITIONAL DETAILS.
- REFER TO DRAWING 1-0139F-A0013-001 (D-E27) FOR ADDITIONAL DETAILS.

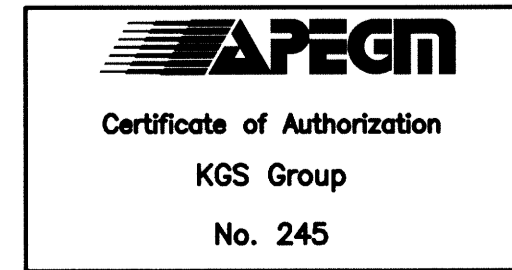
LEGEND:

- PANEL WIRING
- - - - - FIELD WIRING
- RTU TERMINAL
- FUSED TERMINAL

File Name: P:\Projects\2013\13-0107-026-D-E21.1.dwg - Tab: E21.1 Plotted By: Dberochie 12/15/2014 [Mon 1:06pm]

FROM 24 VDC POWER SUPPLY 24 VDC (NOTE 1)

CONTINUED ON SHEET 2



FIELD BOOK #:			
POSTED TO LBIS			
0	ISSUED FOR CONSTRUCTION	14/12/15	AP
No.	REVISIONS	DATE	BY

DESIGNED BY DDW		CHECKED BY	
DRAWN BY GCN		APPROVED BY	
HOR. SCALE N.T.S.		RELEASED FOR CONSTRUCTION	
VERTICAL		DATE 2014 01 17	

ENGINEER'S SEAL

D-E21.1

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

FLOOD PUMPING STATION UPGRADES
DUMOULIN STATION
ELECTRICAL
RTU PANEL
24VDC POWER AND FUSE DISTRIBUTION

SHEET 1 OF 2
CITY DRAWING NUMBER
1-0139F-A0008-001