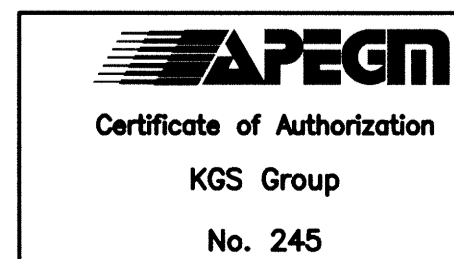


- NOTES:**
- REFER TO DRAWING 1-0204A-E0011-001 (E11) FOR COMPLETE CIRCUIT DETAILS.
  - REFER TO DRAWING 1-0204A-E0013-001 (E13) FOR ADDITIONAL DETAILS.
  - PROVIDE A NEMA 1 ENCLOSURE TO HOUSE ALL LOCAL COMPONENTS AND SIZE AS REQUIRED.
  - FLOAT LEVEL SWITCH SHALL OPEN AT EL. 222.500m TO PROTECT PUMP.
  - REFER TO DRAWING 1-0204A-E0014-001 (E14.1) FOR COMPLETE CIRCUIT DETAILS.
  - REMOTE PUMP DISABLE COMMAND FROM RTU. CLOSE CONTACT UPON LOSS OF SIGNAL.
  - PUMP RUN COMMAND FROM THE SIEMENS MULTIRANGER.
  - REFER TO DRAWING 1-0204A-E0015-001 (E15) FOR COMPLETE CIRCUIT DETAILS.

- LEGEND:**
- STARTER TERMINAL
  - ⊠ RTU TERMINAL
  - ⊞ FIELD DEVICE TERMINAL
  - PANEL WIRING
  - - - FIELD WIRING
  - WIRE CONNECTION
  - PILOT LIGHT
  - ◀ OUTPUT
  - ▶ INPUT
  - ⏏ LEVEL SWITCH OPENS ON DROPPING LEVEL (NOTE 4)
  - ⏏ NORMALLY OPEN CONTACT
  - ⏏ NORMALLY CLOSED CONTACT

**1** SUBMERSIBLE PUMP P-A01 SCHEMATIC  
SCALE: N.T.S. (NOTE 3)



FIELD BOOK #		DESIGNED BY		CHECKED BY	
POSTED TO LBIS		SEB		AMS	
		DIS		AMS	
0	ISSUED FOR CONSTRUCTION	15/10/02	AMS		
NL	REVISIONS	DATE	BY	DATE	
				2015 07 17	

ENGINEER'S SEAL  
  
 15/10/02  
 E02

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

FORT ROUGE OUTFALL CHAMBER UPGRADES  
 FORT ROUGE  
**ELECTRICAL**  
 SUBMERSIBLE PUMP P-A01  
 SCHEMATIC AND WIRING DIAGRAM

SHEET 1 OF 1  
 CITY DRAWING NUMBER  
 1-0204A-E0002-001