



- NOTES:**
1. MOUNT THE FLYGT MAS UNITS BEHIND A VIEWPORT WITHIN THE ENCLOSURE SUCH THAT STATUS LIGHTS CAN BE SEEN WITHOUT OPENING ENCLOSURE.
 2. WIRE DIRECTLY FROM TRANSDUCER INPUT TERMINALS TO TRANSDUCER HEAD WITH SIGNAL CABLE SUPPLIED WITH TRANSDUCER.
 3. COORDINATE WITH CITY TO TERMINATE ALARMS IN CITY SUPPLIED SCADA CABINET.
 4. RELAY 4 ON LEVEL TRANSMITTER SHALL BE CONFIGURED TO ALARM ON A TRANSDUCER CABLE FAULT. RELAY 5 SHALL BE CONFIGURED TO ALARM ON LOSS OF ECHO (LOE).
 5. PROVIDE PROPER TERMINAL BLOCKS IN EACH JUNCTION BOX FOR THE CONTROL CABLING, AND LARGE LUGS FOR THE POWER DISTRIBUTION CABLING. CONTROL AREAS AND 600V AREA SHALL BE SEPARATED BY A METALLIC ISOLATION BARRIER.
 6. DRAWING BASED ON FLYGT MAS711 PUMP MONITOR. DRAWING TO BE REVISED BY CONTRACTOR IF DIFFERENT UNIT PURCHASED.
 7. FLOAT BALL TO BE MOUNTED NEAR WETWELL LADDER.

- LEGEND:**
- () CONDUCTOR IDENTIFICATION
 - STARTER TERMINALS
 - ▣ UC TERMINALS
 - ▣ DEVICE TERMINALS
 - UC UNIT CONTROLLER
 - L LOCAL OPERATOR CONTROLS
 - FIELD WIRING
 - PANEL WIRING
 - WIRE CONNECTION

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LOCATION APPROVED UNDERGROUND STRUCTURES ORIGINAL SIGNED BY DERRICK SAEDAL. SUPPLY, U/G STRUCTURES COMMITTEE DATE

APEGM
Certificate of Authorization
KGS Group
No. 245 Date: 25/03/09

B.M. ELEV.	BM ELEV.	DESIGNED BY	JLL
		DRAWN BY	GCN
		CHECKED BY	ORIGINAL SIGNED BY R.E. WILLMS
		APPROVED BY	ORIGINAL SIGNED BY J.L. LALONDE
		HOR. SCALE	
		VERTICAL	
0		ISSUED FOR TENDER	25/03/09 JLL
		NO. REVISIONS	DATE BY DATE 2009-03-18

KGS GROUP CONSULTING ENGINEERS

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R. LALONDE
Member 32345
REGISTERED PROFESSIONAL ENGINEER

RELEASED FOR CONSTRUCTION ORIGINAL SIGNED BY RANDY FINGAS DATE

THE CITY OF WINNIPEG TRANSIT DEPARTMENT

SOUTHWEST RAPID TRANSIT CORRIDOR - STAGE 1 LAND DRAINAGE PUMPING STATION & ASSOCIATED WORKS

ELECTRICAL CONTROL INDICATION & ALARM SCHEMATIC/WIRING DIAGRAM

CITY DRAWING NUMBER LD-5320 SHEET 21 OF 25 CONSULTANT DRAWING NUMBER C2-B2204-T

CONSULTANT PROJECT NO. 08-0163-02

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.