



- 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 6 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. TIME DELAY RELAY SHALL HAVE AN ADJUSTABLE TIME DELAY OF 5S TO 5MIN ON OPEN.
 8. CONTRACTOR SHALL INVESTIGATE EXISTING HOLKA STREET HIGH LEVEL ALARM CIRCUIT AND REPLICATE FUNCTIONALITY WITHIN NEW CONTROL PANEL.

RAVELSTONE HAS A "CONTROL PANEL" TELEPHONE LINE THAT IS UTILIZED TO MONITOR HIGH LEVEL IN A MANHOLE AT KILDARE AND HOLKA.
MIS USES:
73 W 375 PAIR 3308
CABLE 401.2 PAIR 343
CABLE 14 PAIR 343
CROSS CONNECT HOLKA AND RAVELSTONE
CABLE 222 PAIR 185
CABLE 452.1 PAIR 1851

COWLEGEN

B.M. ELEV. :		KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS WINNIPEG (204) 896-1209 THUNDER BAY (807) 345-2233	ENGINEER'S SEAL	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	SHEET OF
			DESIGNED BY DDW DRAWN BY GCN HOR. SCALE: N.T.S VERTICAL:		THE ORIGINAL ISSUE REV. 0 WAS STAMPED, DATED AND SIGNED BY E. WILLMS, P.ENG. ON 23/09/08
0 ISSUED FOR CONSTRUCTION 08/09/23 REW		CHECKED BY REW APPROVED BY RELEASED FOR CONSTRUCTION:	CONSULTANT DRAWING NO. 08-0107-03E06		
NO. REVISIONS		DATE	BY	DATE	08/01/14