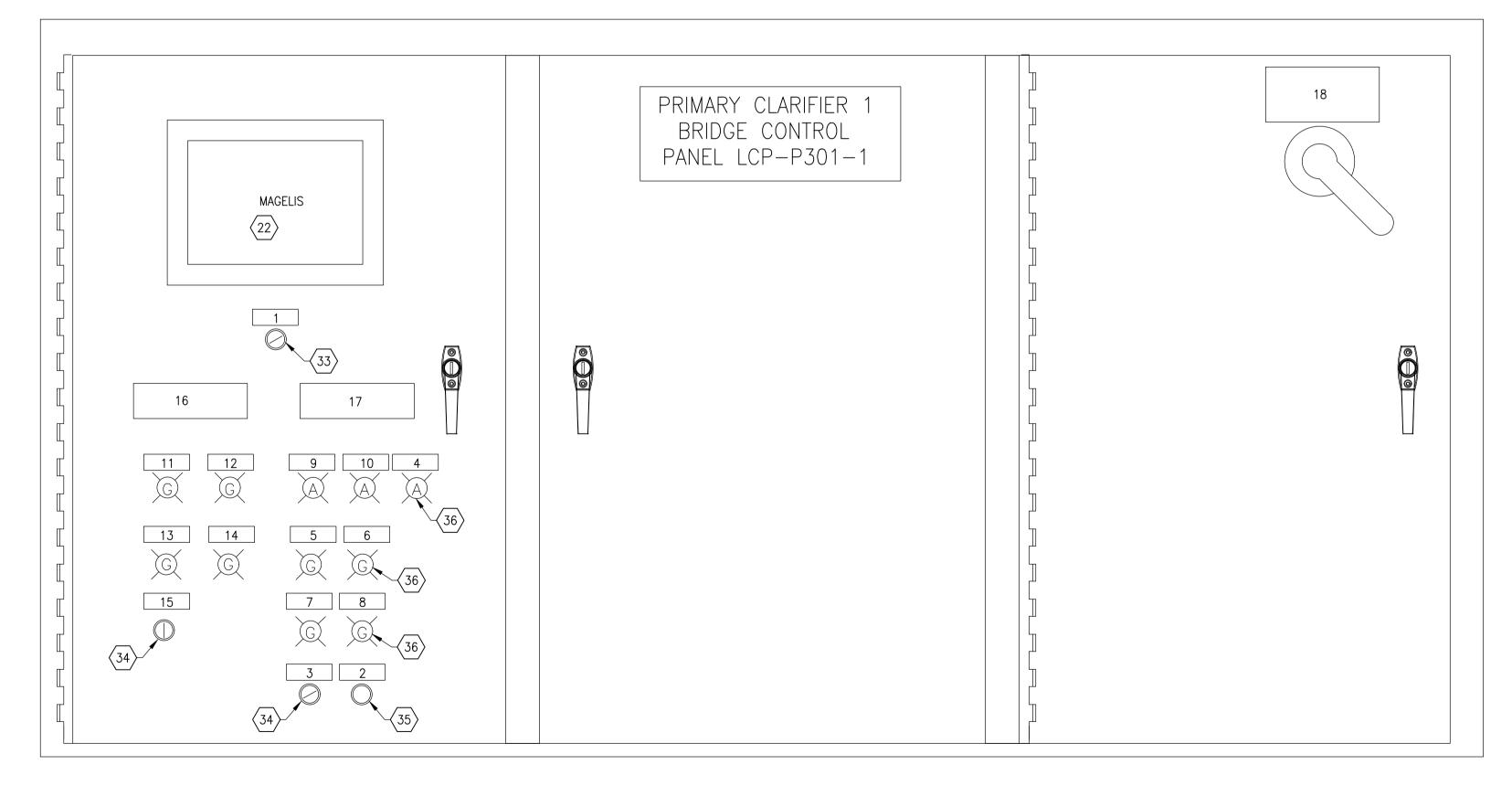


## INTERIOR PANEL VIEW SCALE: 1:5mm



#### LAMACOID LIST HS-P3010-1 REMOTE-OFF-LOCAL-MAINTENANCE RESET HSS-P3010-3 HS-P3010-2 EAST OFF WEST OVER CURRENT IA-P3010 RUNNING EAST YLL-P3010 RUNNING WEST YLH-P3010 EAST END ZL-P3010 WEST END ZL-P3012 EAST OVERTRAVEL ZL-P3013 WEST OVERTRAVEL ZL-P3014 HOIST RAISING ZLH-P3030 11 12 HOIST LOWERING ZLL-P3030 HOIST UP ZLH-P3031 13 HOIST DOWN ZLL-P3032 15 UP OFF DOWN BRIDGE HOIST CONTROL CM-P303 BRIDGE DRIVE CONTROL TBC-P301 MAIN SWITCH LCP-P301-1 18

#### GENERAL NOTES:

- 1. ALL POWER AND 120 VAC WIRING TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 12 AWG OR LARGER WHERE CURRENT REQUIREMENTS DICTATE AS PER CEC REQUIREMENTS.
- 2. ALL 24 VDC CONTROL WIRING TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER,
- ALL ANALOG WIRING TO BE 18 AWG SHIELDED TWISTED PAIR, WITH INSULATION RATED AT 300V.
- COMPONENTS ARE TO BE LABELED AS SHOWN ON THE DRAWINGS. TEST ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION,
- CONTINUITY AND INSULATION INTEGRITY. DOCUMENT ALL TEST RESULTS. 6. ALL MAJOR COMPONENTS INSIDE THE PANEL ARE TO BE LABELED WITH LAMACOIDS IN
- ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS. PROVIDE WIRE BARREL FERRULES FOR WIRING WHERE POSSIBLE.
- 8. ALL TERMINAL BLOCKS SHALL BE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH
- 9. ALL WIRES SHALL BE MARKED AS INDICATED ON THE DRAWINGS. 10. ROUTE ALL 24 VDC WIRING SEPARATE FROM 120 VAC WIRING.
- 11. JUMPER BARS SHALL BE USED INSTEAD OF WIRE JUMPERS WHERE POSSIBLE.
- 12. ALL 600 VAC WIRING SHALL BE SEPARATE AND BARRIERED FROM THE REST OF THE CONTROL
- 13. FINAL CONTROL PANEL DIMENSIONS TO BE FINALIZED BY PANEL MANUFACTURER.

PLC-P301.R0 RACK: BMF XBP 0800

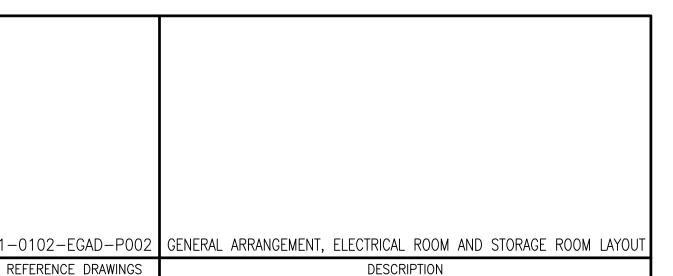
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### **CONNECTOR LEGEND:**

BMX FCW 303 40-WAY CONNECTOR WITH FLYING LEADS

BMX FTB 2010 SCREW CLAMP TERMINAL BLOCK

# A DETAIL - M580 PLC RACK CONFIGURATION



100 200 300 400 SCALE: 1:5mm

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						DESIGNED BY:  D. WILSON	CHECKED BY:  J. BOUCHARD	]
TS.						DRAWN BY: G. NELSON	APPROVED BY: D. WILSON	1
ion						SCALE: AS SHOWN	ISSUED FOR CONSTRUCTION BY: B. STATION	
		ICCUED FOR CONCERNATION COO COAC	0040 /00 /07	DDW	ו ואם	DATE: 2018/07/20	DATE: 2018/08/27	]
	00 NO	ISSUED FOR CONSTRUCTION - 682-2018	2018/08/27	DESIGN		CONSULTANT NO.: 1-0102-	-ACBD-P301-001	

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE TRAVELLING BRIDGES REFURBISHMENT AUTOMATION - CABINET LAYOUT

PRIMARY CLARIFIERS LCP-P301-1, TRAVELLING BRIDGE PLC CABINET - PLC-P301

DATE DESIGN CHECK

PLOT DATE: Aug 27, 2018 - 9:23am

FILE NAME:1-0102-ACBD-P301-001.dwg