

AI SIZE -- 594 x 841 mm

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# THE CITY OF WINNIPEG

## WATER AND WASTE DEPARTMENT

### CHLORINE VENTILATION UPGRADES AT REGIONAL PUMPING STATIONS

### DRAWING INDEX - HURST STATION

ELECTRICAL

1-0650M-E0015-001	ELECTRICAL SINGLE LINE DIAGRAM, PNL-AA AND CHILLER
1-0650M-E0016-001	ELECTRICAL SINGLE LINE DIAGRAM, PNL-BB
1-0650M-E0017-001	ELECTRICAL SINGLE LINE DIAGRAM, PNL-CC
1-0650M-E0041-001	ELECTRICAL SCHEDULES, 120V PANELBOARDS
1-0650M-E0041-002	ELECTRICAL SCHEDULES, 120V PANELBOARDS
1-0650M-E0042-001	ELECTRICAL SCHEDULES, 600V PANELBOARDS
1-0650M-E0043-001	CHLORINE BUILDING SITE PLAN, MAIN FLOOR
1-0650M-E0044-001	ELECTRICAL EQUIPMENT LAYOUT, MAIN FLOOR DEMOLITION
1-0650M-E0045-001	ELECTRICAL EQUIPMENT AND INSTRUMENTATION LAYOUT, MAIN FLOOR
1-0650M-E0046-001	ELECTRICAL -- WIRING DIAGRAM, CHLORINE BUILDING, DRAIN PIPING HEAT TRACE, TEMP. CONTROLLER TC-C5302
1-0650M-E0047-001	ELECTRICAL -- WIRING DIAGRAM, CHLORINE BUILDING, DRAIN PIPING HEAT TRACE, TEMP. CONTROLLER TC-C5303
1-0650M-E0048-001	CONNECTION DIAGRAM, MAKE-UP AIR UNIT AHU-C601
1-0650M-E0049-001	CONNECTION DIAGRAM, MAKE-UP AIR UNIT AHU-C602
1-0650M-E0050-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C640, TONNER STORAGE ROOM
1-0650M-E0051-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C641, TONNER STORAGE ROOM
1-0650M-E0052-001	STARTER SCHEMATIC/FIELD WIRING DIAGRAM, HEATER HCE-C620, CHLORINATOR EQUIPMENT ROOM
1-0650M-E0053-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, SUPPLY FAN SF-C630, CHLORINATOR EQUIPMENT ROOM
1-0650M-E0054-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C642, CHLORINATOR EQUIPMENT ROOM
1-0650M-E0055-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C644, CRAWLSPACE
1-0650M-E0056-001	CONNECTION DIAGRAM, CHLORINE GAS SCRUBBER SCBR-C670
1-0650M-E0057-001	LIGHTING LAYOUT, CHLORINE BUILDING
1-0650M-E0058-001	ELECTRICAL FIRE ALARM, LEGEND AND DETAILS
1-0650M-E0059-001	ELECTRICAL FIRE ALARM PLAN, MAIN FLOOR, DEMOLITION
1-0650M-E0060-001	ELECTRICAL FIRE ALARM PLAN, PUMP FLOOR
1-0650M-E0061-001	ELECTRICAL FIRE ALARM PLAN, MAIN FLOOR
1-0650M-E0062-001	ELECTRICAL FIRE ALARM, RISER DIAGRAM, DETECTION CIRCUITS
1-0650M-E0063-001	ELECTRICAL FIRE ALARM, RISER DIAGRAM, NOTIFICATION APPLIANCE CIRCUITS

STRUCTURAL

1-0650M-C0001-001	CIVIL, EXISTING INFRASTRUCTURE, PLAN
1-0650M-S0023-001	STRUCTURAL, GENERAL NOTES
1-0650M-S0023-002	STRUCTURAL, GENERAL NOTES
1-0650M-S0024-001	STRUCTURAL, DEMOLITION & REMOVALS, PLAN & DETAILS
1-0650M-S0024-002	STRUCTURAL, DEMOLITION & REMOVALS, PLAN & DETAILS
1-0650M-S0025-001	STRUCTURAL, NEW WORKS -- WALL OPENINGS, PLANS & DETAILS
1-0650M-S0026-001	STRUCTURAL, NEW WORKS -- MISCELLANEOUS, PLAN, SECTIONS & DETAILS
1-0650M-S0027-001	STRUCTURAL, NEW WORKS -- CONCRETE PADS, PLAN, SECTIONS & DETAILS
1-0650M-S0028-001	STRUCTURAL, NEW WORKS -- FENCING, PLAN, SECTIONS & DETAILS
1-0650M-S0029-001	STRUCTURAL, NEW WORKS -- SCRUBBER DUCT SUPPORT, PLANS, ELEVATIONS & DETAILS
1-0650M-S0030-001	STRUCTURAL, NEW WORKS -- EXTERIOR WALL MODIFICATIONS, PLAN, SECTIONS & DETAILS
1-0650M-S0031-001	STRUCTURAL, NEW WORKS -- VESTIBULE STRUCTURE, PLAN, SECTIONS & DETAILS
1-0650M-S0032-001	STRUCTURAL, NEW WORK -- ROLLING DOORS, PLAN, SECTIONS & ELEVATIONS
1-0650M-S0033-001	STRUCTURAL, NEW WORK -- AHU SUPPORT FRAME, PLAN, ELEVATIONS & DETAILS

AUTOMATION

1-0650M-A0026-001	INSTRUMENT LOOP DIAGRAM, HC-809-XSC MANUAL/AUTOMATIC SHUTDOWN
1-0650M-A0031-005	GAS DETECTION UPGRADES, LOOP DIAGRAM, METHANE AND CO DETECTION
1-0650M-A0032-001	GAS DETECTION UPGRADES, SCHEMATIC, METHANE AND CO DETECTION
1-0650M-A0040-001	HVAC CONTROL PANEL CP-M806, PANEL LAYOUT
1-0650M-A0042-001	AUTOMATION, CONTROL SYSTEM ARCHITECTURE
1-0650M-A0044-001	AUTOMATION -- WIRING DIAGRAM, HVAC CONTROL PANEL CP-M806, DISCRETE INPUTS RACK 0, SLOT 4
1-0650M-A0060-001	REMOTE I/O PANEL LAYOUT, CONTROL PANEL CP-C827
1-0650M-A0061-001	POWER DISTRIBUTION, REMOTE I/O PANEL CONTROL PANEL CP-C827
1-0650M-A0062-001	AUTOMATION -- WIRING DIAGRAM, CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 2
1-0650M-A0063-001	AUTOMATION -- WIRING DIAGRAM, CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 3
1-0650M-A0064-001	AUTOMATION -- WIRING DIAGRAM, CONTROL PANEL CP-C827, DISCRETE OUTPUTS RACK 0, MODULE 4
1-0650M-A0065-001	AUTOMATION -- WIRING DIAGRAM, CONTROL PANEL CP-C827, ANALOG INPUTS RACK 0, MODULE 5
1-0650M-A0066-001	AUTOMATION -- WIRING DIAGRAM, CONTROL PANEL CP-C827, ANALOG INPUTS RACK 0, MODULE 6
1-0650M-A0067-001	AUTOMATION -- WIRING DIAGRAM, CONTROL PANEL CP-C827, ANALOG OUTPUTS RACK 0, MODULE 7
1-0650M-A0068-001	LOOP DIAGRAM, FSL-C5301, FSL-C5311, FSL-C5321, EMERGENCY SHOWER FLOW SWITCHES
1-0650M-A0069-001	LOOP DIAGRAM, HS-C6001 & HS-C6002, TONNER STORAGE ROOM OCCUPANCY SWITCH
1-0650M-A0070-001	LOOP DIAGRAM, TSL-C6044, TSL-C6045, TONNER ROOM VESTIBULES TEMPERATURE SWITCHES
1-0650M-A0071-001	LOOP DIAGRAM, CP-M826.UPS01, POWER SUPPLY ALARM
1-0650M-A0072-001	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-1
1-0650M-A0073-001	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-2
1-0650M-A0074-001	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-3
1-0650M-A0075-001	LOOP DIAGRAM, TT-C6041 AND TT-C6042, TEMPERATURE TRANSMITTERS
1-0650M-A0076-001	LOOP DIAGRAM, PDT-C6012, TONNER ROOM PRESSURE DIFFERENTIAL
1-0650M-A0077-001	LOOP DIAGRAM, ZSC-9001 AND ZSC-9002, TONNER ROOM VESTIBULE DOOR SWITCH
1-0650M-A0078-001	PANEL LAYOUT, VENTILATION CONTROL PANEL CP-C601
1-0650M-A0079-001	JUNCTION BOX LAYOUT, JBA-C6903
1-0650M-A0080-001	PANEL LAYOUT, DAMPER ACTUATORS, JUNCTION BOXES
1-0650M-A0081-001	TONNER SCALE ROOM CHLORINE BYPASS SWITCH, LAYOUT
1-0650M-A0082-001	PANEL LAYOUT, HCE-C620 CONTROL PANEL
1-0650M-A0083-001	LOOP DIAGRAM, FIRE ALARM CONTROL PANEL FACP-M922

MECHANICAL

1-0650M-M0011-001	MECHANICAL, REMOVALS
1-0650M-M0012-001	MECHANICAL, NEW WORK, PLANS AND SECTION
1-0650M-M0013-001	MECHANICAL, NEW WORK, SECTIONS
1-0650M-M0014-001	MECHANICAL, NEW WORK, ELEVATIONS AND SECTION
1-0650M-M0015-001	MECHANICAL, NEW WORK, DETAILS
1-0650M-M0016-001	MECHANICAL, NEW WORK, PLANS & DETAILS
1-0650M-M0017-001	MECHANICAL, NEW WORK, SCHEDULES

PROCESS

1-0650M-P0022-001	HVAC SYSTEM, PROCESS AND INSTRUMENTATION DIAGRAM
1-0650M-P0024-001	PROCESS AND INSTRUMENTATION DIAGRAM, CHLORINE CYLINDER SHUTOFF VALVES



2025-04-30			
CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0650A-D0003	001	00	A1