



# THE CITY OF WINNIPEG

## WATER AND WASTE DEPARTMENT

# CHLORINE VENTILATION UPGRADES AT REGIONAL PUMPING STATIONS

## DRAWING INDEX - MCPHILLIPS STATION

ELECTRICAL

1-0640C-E0003-001	ELECTRICAL SINGLE LINE DIAGRAM, CHLORINE BUILDING, MCC-C710/MCC-C720E
1-0640C-E0004-001	ELECTRICAL PANEL LAYOUT, CHLORINE BUILDING, MCC-C710/MCC-C720E LAYOUT AND SCHEDULE
1-0640C-E0005-001	ELECTRICAL PANEL LAYOUT, CHLORINE BUILDING, MCC-C710/MCC-C720E LOCATION PLAN – GALLERY LEVEL
1-0640C-E0006-001	PANELBOARD SCHEDULES, CHLORINE BUILDING, PNL-C711 AND PNL-C731E
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1-0640C-E0019-001	CONNECTION DIAGRAM, MAKE-UP AIR UNIT AHU-C602
1-0640C-E0020-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C640, TONNER STORAGE ROOM
1-0640C-E0021-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C641, TONNER STORAGE ROOM
1-0640C-E0022-001	STARTER SCHEMATIC/FIELD WIRING DIAGRAM, HEATER HCE-C620, CHLORINATOR EQUIPMENT ROOM
1-0640C-E0023-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, SUPPLY FAN SF-C630, CHLORINATOR EQUIPMENT ROOM
1-0640C-E0024-001	MOTOR STARTER SCHEMATIC/FIELD WIRING DIAGRAM, EXHAUST FAN EF-C642, CHLORINATOR EQUIPMENT ROOM
1-0640C-E0025-001	CONNECTION DIAGRAM, CHLORINE GAS SCRUBBER SCBR-C670
1-0640M-E0042-002	ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT, PANELBOARD & LUMINAIRE SCHEDULE

STRUCTURAL

1-0640C-C0001-001	CIVIL, DEMOLITION DRAWING – EARTHWORKS, PLANS
1-0640C-C0002-001	CIVIL, PARKING LOT EXPANSION, PLAN
1-0640C-S0001-001	STRUCTURAL, GENERAL NOTES
1-0640C-S0001-002	STRUCTURAL, GENERAL NOTES
1-0640C-S0002-001	STRUCTURAL, CHLORINE BUILDING DEMOLITION, PLAN, ELEVATIONS & DETAIL
1-0640C-S0003-001	STRUCTURAL, CHLORINE BUILDING MODIFICATION LAYOUT, PLAN, SECTION & ELEVATIONS
1-0640C-S0004-001	STRUCTURAL, CHLORINE SCRUBBER PAD, PLAN, SECTIONS & DETAILS
1-0640C-S0005-001	STRUCTURAL, DOOR MODIFICATIONS, PLAN, SECTIONS & DETAIL
1-0640C-S0006-001	STRUCTURAL, VESTIBULE PAD & WALKWAY, PLAN, ELEVATIONS & DETAILS
1-0630M-S0007-001	STRUCTURAL, VESTIBULE STRUCTURE, PLAN, ELEVATIONS & DETAILS
1-0630M-S0008-001	STRUCTURAL, NEW WORK ASSEMBLIES, PLAN, ELEVATIONS & DETAILS
1-0630M-S0008-002	STRUCTURAL, NEW WORK ASSEMBLIES, PLAN, ELEVATIONS & DETAILS

PROCESS

1-0640C-P0002-001	PROCESS & INSTRUMENTATION DIAGRAM, CHLORINE CYLINDER SHUTOFF VALVES
1-0640C-P0003-001	HVAC SYSTEM, PROCESS AND INSTRUMENTATION DIAGRAM

AUTOMATION

1-0640C-A0003-001	REMOTE I/O PANEL LAYOUT, CONTROL PANEL CP-C827
1-0640C-A0004-001	POWER DISTRIBUTION, REMOTE I/O PANEL, CONTROL PANEL CP-C827
1-0640C-A0005-001	AUTOMATION – WIRING DIAGRAM, REMOTE I/O CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 2
1-0640C-A0006-001	AUTOMATION – WIRING DIAGRAM, REMOTE I/O CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 3
1-0640C-A0007-001	AUTOMATION – WIRING DIAGRAM, REMOTE I/O CONTROL PANEL CP-C827, DISCRETE OUTPUTS RACK 0, MODULE 4
1-0640C-A0008-001	AUTOMATION – WIRING DIAGRAM, REMOTE I/O CONTROL PANEL CP-C827, ANALOG INPUTS RACK 0, MODULE 5
1-0640C-A0009-001	AUTOMATION – WIRING DIAGRAM, REMOTE I/O CONTROL PANEL CP-C827, ANALOG INPUTS RACK 0, MODULE 6
1-0640C-A0010-001	AUTOMATION – WIRING DIAGRAM, REMOTE I/O CONTROL PANEL CP-C827, ANALOG OUTPUTS RACK 0, MODULE 7
1-0640C-A0011-001	LOOP DIAGRAM, U-C5301, EMERGENCY SHOWER FLOW SWITCH
1-0640C-A0012-001	LOOP DIAGRAM, HS-C6001, TONNER STORAGE ROOM OCCUPANCY SWITCH
1-0640C-A0013-001	LOOP DIAGRAM, TSL-C6044, TONNER ROOM VESTIBULES TEMPERATURE SWITCHES
1-0640C-A0014-001	LOOP DIAGRAM, CP-C827.UPS01, POWER SUPPLY ALARM
1-0640C-A0015-001	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-1
1-0640C-A0016-001	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-2
1-0640C-A0017-001	LOOP DIAGRAM, CHLORINE DETECTION, AIT-C6903-3
1-0640C-A0018-001	LOOP DIAGRAM, TT-C6041 AND TT-C6042, TEMPERATURE TRANSMITTERS
1-0640C-A0019-001	LOOP DIAGRAM, PDT-C6012, TONNER STORAGE ROOM PRESSURE DIFFERENTIAL
1-0640C-A0020-001	LOOP DIAGRAM, ZSC-C9001, DOOR SWITCH
1-0640C-A0021-001	LOOP DIAGRAM, FV-C6111, DAMPER POSITION CONTROL
1-0640C-A0022-001	PANEL LAYOUT, VENTILATION CONTROL PANEL CP-C601
1-0640C-A0023-001	JUNCTION BOX LAYOUT, JBA-C6903
1-0640C-A0024-001	PANEL LAYOUT, DAMPER ACTUATOR, JUNCTION BOXES
1-0640C-A0025-001	TONNER SCALE ROOM BYPASS SWITCH, LAYOUT
1-0640C-A0026-001	LOOP DIAGRAM, CHLORINE EMERGENCY ISOLATION SYSTEM, LC-809-XSC MANUAL/AUTOMATIC SHUTDOWN
1-0640M-A0051-002	PANEL LAYOUT, HVAC CONTROL PANEL CP-M826
1-0640M-A0058-001	AUTOMATION, CONTROL SYSTEM ARCHITECTURE

MECHANICAL

1-0640C-M0001-001	MECHANICAL, REMOVALS
1-0640C-M0002-001	MECHANICAL, NEW WORK, MAIN FLOOR AND ROOF PLAN
1-0640C-M0003-001	MECHANICAL, NEW WORK, ELEVATIONS AND SECTION
1-0640C-M0004-001	MECHANICAL, NEW WORK, PLAN, SECTIONS AND DETAILS
1-0640C-M0005-001	MECHANICAL, NEW WORK, DETAILS
1-0640C-M0006-001	MECHANICAL, NEW WORK, SCHEDULES



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CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0640A-D0002	001	00	A1