CITY OF WINNIPEG
FORT ROUGE TRANSIT BASE - STORAGE TRACK 13-24 - MECHANICAL UPGRADE

ISSUED FOR CONSTRUCTION 2018-11-09

MECHANICAL CONSULTANT

770 Bradford Street
Winnipeg, Canada
T 204 775 0291
SMSeng.com

MECHANICAL DRAWING LIST

M1.1 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 - DEMOLITION - PLUMBING

M1.2 MAIN FLOOR PLAN - SERVICE BAY, B-SECTION, TRACK 1-12 - DEMOLITION - PLUMBING

M1.3 MAIN FLOOR PLAN - TRACK 13-24 - DEMOLITION - FIRE PROTECTION

M1.4 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 - DEMOLITION - VENTILATION

M1.5 MECHANICAL ROOM ENLARGED PLAN, HYDRONICS SCHEMATIC - DEMOLITION

M2.1 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 - NEW CONSTRUCTION - PLUMBING

M2.2 MAIN FLOOR - SERVICE BAY, B-SECTION, TRACK 1-12 - NEW CONSTRUCTION - PLUMBING

M2.3 MAIN FLOOR PLAN - TRACK 13-24 - NEW CONSTRUCTION - FIRE PROTECTION

M2.4 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 - NEW CONSTRUCTION - VENTILATION

M2.5 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 - NEW CONSTRUCTION - HYDRONICS

M2.6 MECHANICAL ROOM ENLARGED PLAN, HYDRONICS SCHEMATIC - NEW CONSTRUCTION

M2.7 MAIN FLOOR PLAN - STORAGE TRACKS REBALANCING - VENTILATION

ELECTRICAL CONSULTANT

770 Bradford Street
Winnipeg, Canada
T 204 775 0291
SMSeng.com

ELECTRICAL DRAWING LIST

E1.1 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 DEMOLITION - ELECTRICAL

E1.2 MAIN FLOOR - SERVICE BAY, B-SECTION, TRACK 1-12 - DEMOLITION - ELECTRICAL

E2.1 MAIN FLOOR AND ROOF PLAN - TRACK 13-24 NEW CONSTRUCTION - ELECTRICAL

E2.2 MAIN FLOOR - SERVICE BAY, B-SECTION, TRACK 1-12 - NEW CONSTRUCTION - ELECTRICAL

E3.1 PARTIAL SINGLE LINE DIAGRAM AND MOTOR SCHEDULE

STRUCTURAL CONSULTANT

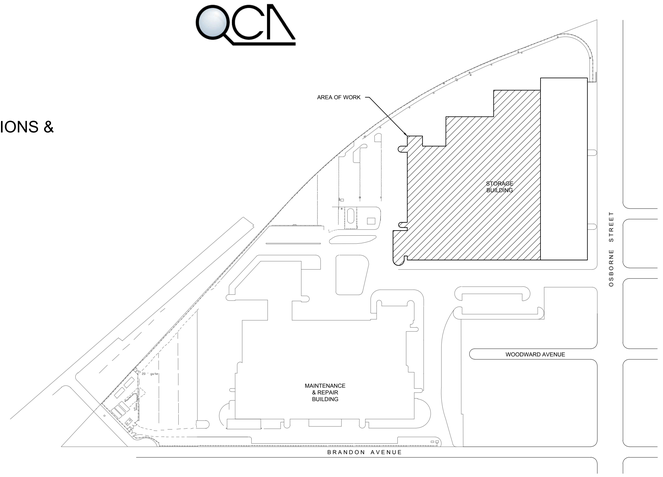
Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

STRUCTURAL DRAWING LIST

S2.1 PARTIAL ROOF FRAMING PLAN SECTIONS & DETAIL GENERAL NOTES

ROOF CONSULTANT

QCA



SITE PLAN
NTS

PLUMBING LEGEND

	DOMESTIC COLD WATER
	VENT LINE
G	NATURAL GAS
IW	INDIRECT WASTE
	DIRECTION OF FLOW
	ISOLATION VALVE
	PRESSURE REDUCING VALVE
	PIPE DROP
	PIPE RISE
	PIPE CAP
	VENT THRU ROOF
	FUNNEL FLOOR DRAIN
RD	ROOF DRAIN
	THERMOSTAT
	NATURAL GAS METER
** / ##	EQUIPMENT DESIGNATION

FIRE PROTECTION LEGEND

	SPRINKLER HEAD TO BE REMOVED

* PLEASE NOTE *

ALL EQUIPMENT SHOWN "FADED BACK" IS EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

ALL EQUIPMENT SHOWN "DASHED" IS EXISTING TO BE DEMOLISHED.

ALL EQUIPMENT SHOWN BOLD IS TO BE NEW CONSTRUCTION.

VENTILATION LEGEND

	MANUAL BALANCING DAMPER
	SUPPLY AIR DUCT
	EXHAUST AIR DUCT
EFD	EXISTING FIRE DAMPER
	AIR FLOW DIRECTION
** / ##	EQUIPMENT DESIGNATION
TYPE / NECK / FLOW / 2X	GRILLE / DIFFUSER TYPE NECK SIZE QUANTITY OR NUMBER OF FLOW RATE (CFM) — GRILLE OR DIFFUSER DESIGNATION

HYDRONICS LEGEND

GHR	GLYCOL HEATING RETURN
GHS	GLYCOL HEATING SUPPLY
	SHUT-OFF VALVE
	CONTROL VALVE
	3-WAY VALVE
	CHECK VALVE
	BALANCING VALVE
	PRESSURE RELIEF VALVE
	PRESSURE GAUGE WITH VALVE
	STRAINER
	PIPE DROP
	PIPE RISE
	PIPE CAP
	THERMOMETER
	AIR PURGER
	DIRECTION OF FLOW
	FLEX CONNECTION
	PUMP
CO NOx	CO/NOX DETECTORS
T	THERMOSTAT
** / ##	EQUIPMENT DESIGNATION

ELECTRICAL LEGEND

	DISCONNECT
	MOTOR
	120V 20A GFI DUPLEX RECEPTACLE
	JUNCTION BOX OR CONNECTION POINT
	SURFACE MOUNTED PANEL
	TRANSFORMER
	MAGNETIC STARTER
	MOLDED CASE CIRCUIT BREAKER (SINGLE LINE DIAGRAM)
	SWITCH (SINGLE LINE DIAGRAM)
	AIR CIRCUIT BREAKER (SINGLE LINE DIAGRAM)
	TRANSFORMER (SINGLE LINE DIAGRAM)
WP	WEATHER PROOF
C	CEILING MOUNTED

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