



# CITY OF WINNIPEG FORT ROUGE TRANSIT BASE STORAGE TRACK 1-12 VENTILATION UPGRADE

ISSUED FOR CONSTRUCTION

MECHANICAL CONSULTANT



MECHANICAL DRAWING LIST

- M1.1 MAIN FLOOR AND ROOF PLAN - DEMOLITION - PLUMBING
- M1.2 MAIN FLOOR AND ROOF PLAN - DEMOLITION - VENTILATION
- M1.3 MAIN FLOOR PLAN - DEMOLITION - FIRE PROTECTION
- M2.1 MAIN FLOOR AND ROOF PLAN - NEW CONSTRUCTION - PLUMBING
- M3.1 MAIN FLOOR PLAN - NEW CONSTRUCTION - FIRE PROTECTION
- M4.1 MAIN FLOOR AND ROOF PLAN - NEW CONSTRUCTION - VENTILATION
- M4.2 MAIN FLOOR PLAN - STORAGE TRACKS REBALANCING - VENTILATION
- M5.1 MAIN FLOOR AND ROOF PLAN - NEW CONSTRUCTION - HYDRONICS
- M5.2 HYDRONICS ENLARGED PLAN AND SCHEMATIC

ELECTRICAL CONSULTANT



ELECTRICAL DRAWING LIST

- E1.1 MAIN FLOOR AND ROOF PLAN - DEMOLITION - ELECTRICAL
- E2.1 MAIN FLOOR AND ROOF PLAN - NEW CONSTRUCTION - ELECTRICAL
- E3.1 DISTRIBUTION SINGLE LINE

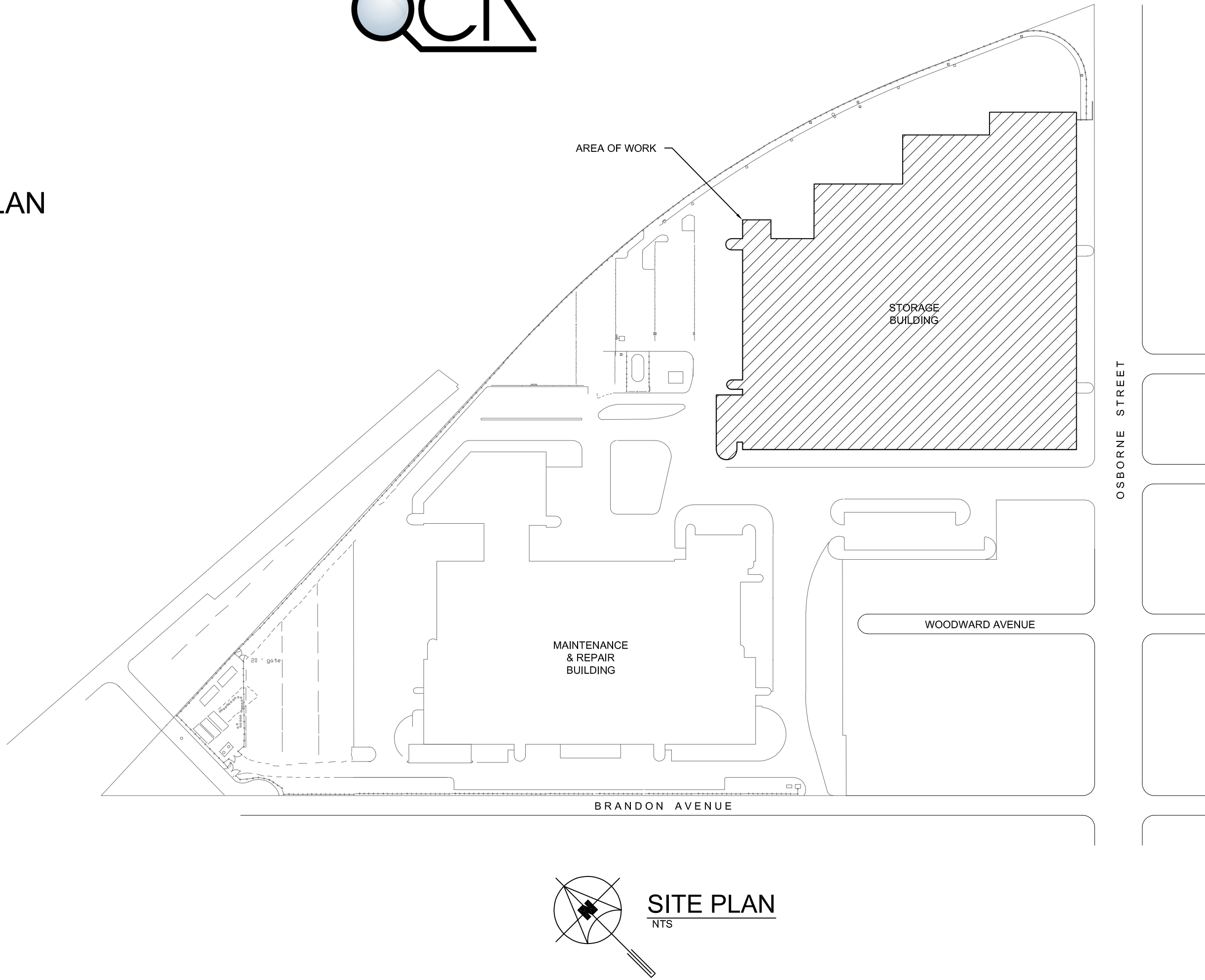
STRUCTURAL CONSULTANT



STRUCTURAL DRAWING LIST

- S1.1 PARTIAL ROOF FRAMING PLAN & GENERAL NOTES
- S2.1 PLAN DETAILS & SECTIONS

ROOF CONSULTANT



PLUMBING LEGEND	
	DOMESTIC COLD WATER
	VENT LINE
	NATURAL GAS
	DIRECTION OF FLOW
	ISOLATION VALVE
	PRESSURE REDUCING VALVE
	PIPE DROP
	STRAINER
	BACKFLOW PREVENTER
	PIPE RISE
	PIPE CAP
	VENT THRU ROOF
	ROOF DRAIN
	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.

VENTILATION LEGEND	
	MOTORIZED DAMPER
	MANUAL BALANCING DAMPER
	SUPPLY AIR DUCT
	EXHAUST AIR DUCT
	AIR FLOW DIRECTION
	EQUIPMENT DESIGNATION
	GRILLE / DIFFUSER TYPE NECK SIZE QUANTITY OR NUMBER OF FLOW RATE ( CFM )
	SECTION VIEW

HYDRONICS LEGEND	
	GLYCOL HEATING RETURN
	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
	CONOX DETECTORS
	THERMOSTAT
	EQUIPMENT DESIGNATION

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

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ALL EQUIPMENT SHOWN BOLD IS TO BE NEW CONSTRUCTION.