



CITY OF WINNIPEG FORT ROUGE TRANSIT BASE SERVICE BAY AND B-SECTION VENTILATION UPGRADE

ISSUED FOR CONSTRUCTION - OCTOBER 27, 2015

MECHANICAL CONSULTANT



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
- M2.2 NATURAL GAS SYSTEM SCHEMATIC
- 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 - NEW CONSTRUCTION - VENTILATION
- M5.1 MAIN FLOOR AND ROOF PLAN - NEW CONSTRUCTION - HYDRONICS
- M5.2 HYDRONICS ENLARGED PLAN AND SCHEMATIC
- M6.1 MECHANICAL SECTIONS AND DETAILS

ELECTRICAL CONSULTANT



DRAWING LIST

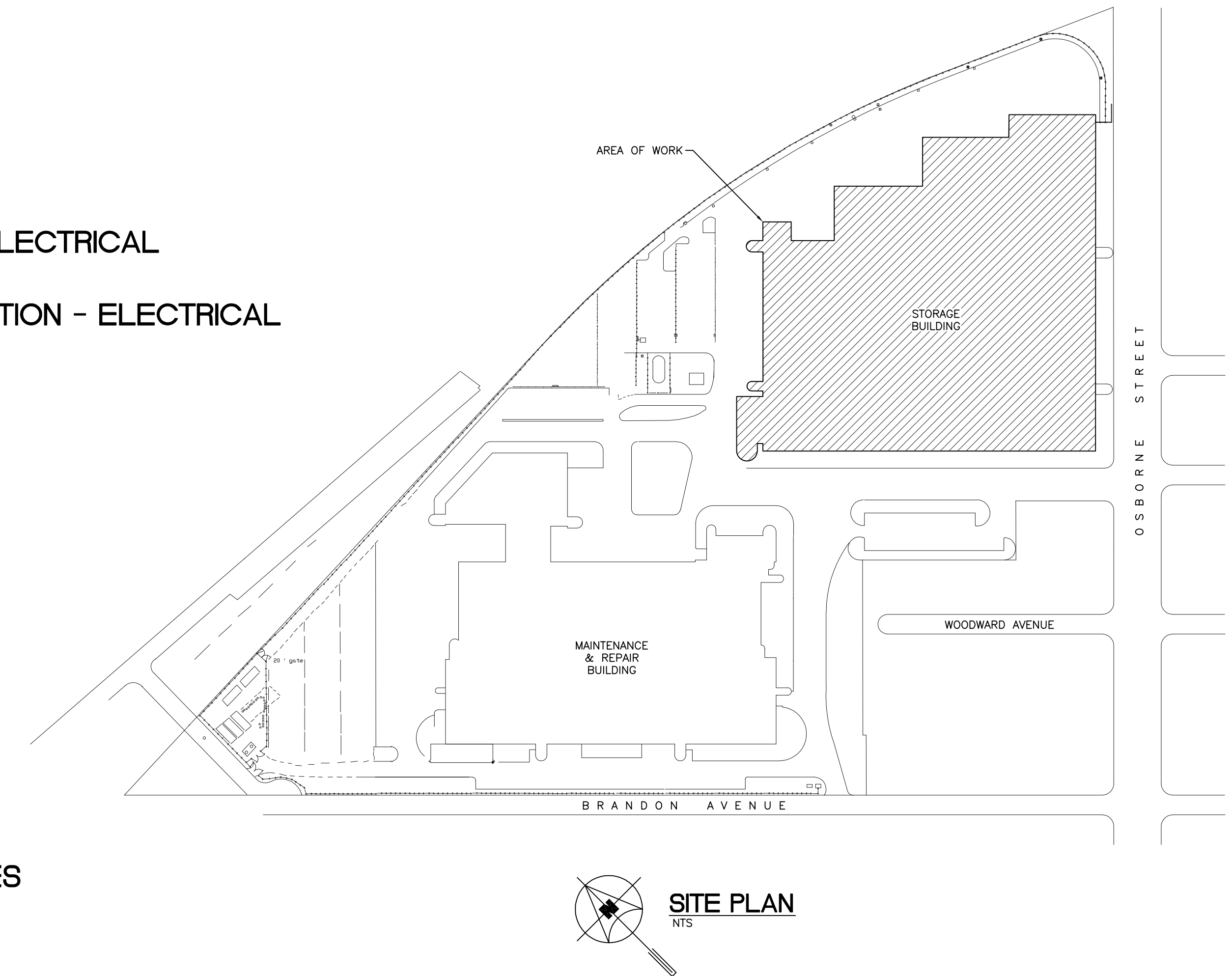
- E1.1 MAIN FLOOR AND ROOF PLAN - DEMOLITION - ELECTRICAL
- E2.1 MAIN FLOOR AND ROOF PLAN - NEW CONSTRUCTION - ELECTRICAL
- E3.1 PARTIAL SINGLE LINE DIAGRAM

STRUCTURAL CONSULTANT



DRAWING LIST

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



PLUMBING LEGEND	
	SANITARY WASTE BELOW FLOOR OR GRADE
	INDIRECT OR LOCAL WASTE
	VENT LINE
	NATURAL GAS
	DIRECTION OF FLOW
	ISOLATION VALVE
	PRESSURE REDUCING VALVE
	P-TRAP
	PIPE REDUCER
	PIPE DROP
	PIPE RISE
	PIPE CAP
	VENT THRU ROOF
	ROOF DRAIN
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	CLEANOUT IN FINISHED FLOOR
	GAS METER
	EQUIPMENT DESIGNATION
	TAGS / NOTES DESIGNATION FOR PLUMBING DRAWINGS

FIRE PROTECTION LEGEND	
	SPRINKLER HEAD TO BE REMOVED
	TAGS / NOTES DESIGNATION FOR FIRE PROTECTION DRAWINGS

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

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 PURGE
	DIRECTION OF FLOW
	PUMP
	CO/NOX DETECTORS
	THERMOSTAT
	EQUIPMENT DESIGNATION
	TAGS / NOTES DESIGNATION FOR HYDRONICS DRAWINGS

ELECTRICAL LEGEND	
	DISCONNECT
	MOTOR
	120V 15A DUPLEX RECEPTACLE
	120V 20A GFI DUPLEX RECEPTACLE
	JUNCTION BOX
	SURFACE MOUNTED PANEL
	TRANSFORMER
	EMERGENCY POWER OFF BUTTON
	HEAT TRACE
	WALL MOUNTED UNIT HEATER
	MAGNETIC STARTER
	MONITOR MODULE
	TEMPERATURE SENSOR
	WEATHER PROOF
	MOLDED CASE CIRCUIT BREAKER (SINGLE LINE DIAGRAM)
	SWITCH (SINGLE LINE DIAGRAM)
	AIR CIRCUIT BREAKER (SINGLE LINE DIAGRAM)

* 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.