

MECHANICAL CONSULTANT



MECHANICAL DRAWING LIST

M1.1	PARTIAL MAIN FLOOR PLAN - PLUMBING AND GAS
	DETECTION - DEMOLITION

- M1.2 PARTIAL ROOF PLAN - PLUMBING - DEMOLITION
- M1.3 PARTIAL MAIN FLOOR PLAN - FIRE PROTECTION -DEMOLITION
- PARTIAL MAIN FLOOR PLAN VENTILATION -M1.4 DEMOLITION
- PARTIAL ROOF PLAN VENTILATION -M1.5 DEMOLITION
- M2.1 PARTIAL MAIN FLOOR PLAN - PLUMBING AND GAS **DETECTION - NEW CONSTRUCTION**
- M2.2 PARTIAL ROOF PLAN - PLUMBING -NEW CONSTRUCTION
- M3.1 PARTIAL MAIN FLOOR PLAN - FIRE PROTECTION -NEW CONSTRUCTION
- M4.1 PARTIAL MAIN FLOOR PLAN - VENTILATION -NEW CONSTRUCTION
- M4.2 PARTIAL ROOF FLOOR PLAN - VENTILATION -NEW CONSTRUCTION

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SMS PROJECT NO. 20-349-01

TRANSIT MAINTENANCE AND **REPAIR BUILDING** MECHANICAL UPGRADE -WEST HIGH BAY

ISSUED FOR CONSTRUCTION: 2022-06-07

ELECTRICAL CONSULTANT

STRUCTURAL CONSULTANT

M	SMS Engine	eering
770 Bradford Street	Winnipeg, Canada	(204) 775-0291
		smseng.com

ELECTRICAL DRAWING LIST

E1.1	PARTIAL MAIN FLOOR PLAN - ELECTRICAL - DEMOLITION	S1.1	Ji P
E1.2	PARTIAL ROOF PLAN - ELECTRICAL - DEMOLITION	S2.1	J(D
E2.1	PARTIAL MAIN FLOOR PLAN - ELECTRICAL - NEW CONSTRUCTION		
E2.2	PARTIAL ROOF PLAN - ELECTRICAL -		

- **NEW CONSTRUCTION**
- ELECTRICAL DETAILS E3.1
- E4.1 PARTIAL SINGLE LINE DIAGRAM AND ELECTRICAL SCHEDULE

PLUMBING LEGEND

V	VENT LINE
	DOMESTIC COLD WATER
CA	COMPRESSED AIR
G	NATURAL GAS
	RAIN WATER LEADER
×	SHUT-OFF VALVE
&	PRESSURE REGULATING VALVE
	PIPE DROP
o	PIPE RISE
	PIPE CAP
	DIRECTION OF FLOW
	VENT THRU ROOF
0	ROOF DRAIN
Ō	THERMOSTAT
NO2	NO2 SENSOR
СО	CO SENSOR
**	EQUIPMENT DESIGNATION

FIRE PROTECTION LEGEND

×	SPRINKLER HEAD TO BE REMOVED
A	DRY CHEMICAL EXTINGUISHER - TYPE A,B,C

HVAC LEGEN)	
	SUPPLY AIR DUCT UP / DOWN	
	EXHAUST AIR DUCT UP / DOWN	
\otimes	SUPPLY AIR DUCT UP / DOWN	
\odot	EXHAUST AIR DUCT UP / DOWN	
	MANUAL BALANCING DAMPER	
	FLOW ARROW	
**	EQUIPMENT DESIGNATION	
TYPE NECK X2 FLOW	GRILLE / DIFFUSER TYPE NECK SIZE QUANTITY OR NUMBER OF FLOW RATE (CFM)	

* PLEASE NOTE *

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

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



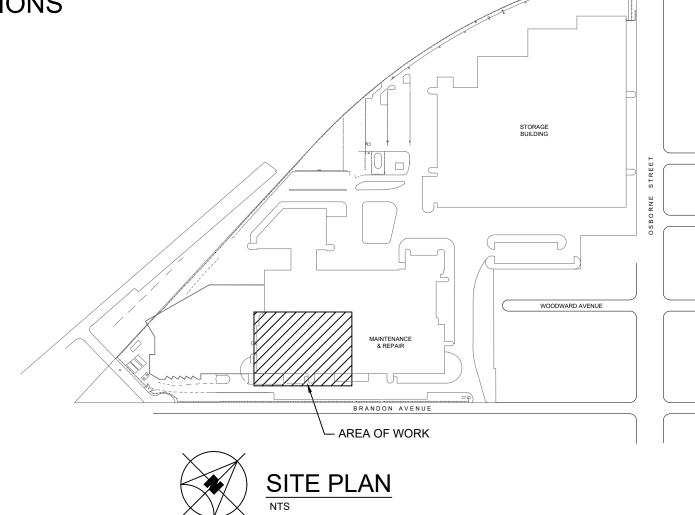




STRUCTURAL DRAWING LIST

JOIST REINFORCEMENT - PARTIAL ROOF FRAMING PLAN, AND GENERAL NOTES

JOIST REINFORCEMENT - JOIST ELEVATIONS, DETAIL, AND SECTIONS



ELECTRICAL SYMBOL LEGEND	
Μ	MONITOR MODULE
Ф	DUPLEX RECEPTACLE
↓ ²	GFI DUPLEX RECEPTACLE 20A 'T' SLOT 5-20R
Ŕ	MOTOR AND DISCONNECT
⊗ ⊡	COMBINATION DISCONNECT AND JUNCTION BOX
Ŀ	DISCONNECT
\otimes	JUNCTION BOX
	SURFACE MOUNTED PANEL
WP	WEATHER PROOF
	RECESSED MOUNTED PANEL
⊷ ∿∿-	HEAT TRACE
	CABLE TRAY
$\sim R$	EXISTING TO BE RELOCATED
T	HEAT TRACE TEMPERATURE SENSOR

* PLEASE NOTE *

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