



SITE PLAN - HVAC GEOTHERMAL SYSTEM LAYOUT  
SCALE: 1:100

HVAC LEGEND	
	DOUBLE LINE DUCT (FIRST FIGURE IS DUCT WIDTH)
	OPEN END DUCT C/W 13mm MESH SCREEN
	SUPPLY DUCT
	RETURN / EXHAUST DUCT
	SQUARE DIFFUSER
	300x300 RETURN/EXHAUST AIR GRILLE
	600x300 RETURN/EXHAUST AIR GRILLE
	600x600 RETURN/EXHAUST AIR GRILLE
	300x300 RETURN/EXHAUST AIR GRILLE C/W 300x200 SOUNDLINED AIR TRANSFER DUCT
	NECK SIZE (mm) TYPE OF DIFFUSER
	AIR AMOUNT (L/S)
	SUPPLY, RETURN, & EXHAUST GRILLE SIZE (mm) AIR AMOUNT (L/S)
	BALANCING DAMPER
	FIRE DAMPER
	UNDER CUT DOOR BY ANOTHER TRADE SECTION
	GLYCOL SUPPLY
	GLYCOL RETURN
	THERMOSTAT
	CO SENSER
	NOX SECSE
	SPEED CONTROLLER
	HUMIDISTAT
	STARTER
	BASEBOARD HEATER
	FORCE FLOW HEATER
	FUNNEL FLOOR DRAIN
	BACKDRAFT DAMPER
	SPLUTTER DAMPER

THE CONTENTS OF THIS DRAWING AND SPECIFICATIONS  
REMAIN THE COPYRIGHT PROPERTY OF  
THOMAS BROWN ARCHITECT INC.  
AND MUST BE RETURNED UPON COMPLETION OF THE WORK.

ISSUE OR REVISION		
NO.	ISSUED FOR	DATE
1	DESIGN DEVELOPMENT FOR COSTING	2022-07-07
2	ISSUED FOR PERMIT	2023-09-06
3	ISSUED FOR TENDER	2024-04-15

PROJECT :  
**CITY OF VAUGHAN FIRE  
STATION 7-12**  
CLIENT :  
Enter address here

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR  
TO COMMENCEMENT OF THE WORK. ANY DISCREPANCIES  
ARE TO BE REPORTED TO THE CONSULTANT.

**Jain**  
7405 EAST DANBRO CRESCENT  
MISSISSAUGA, ONTARIO, L5N 6P8  
TEL. 905 285 9900, FAX 905 567 5246  
Email : mail@jainconsultants.com

PROFESSIONAL SEAL  
  
Z1-237

DWG TITLE  
**SITE PLAN -  
HVAC**

ORIENTATION  
  
TRUE NORTH      CONSTRUCTION NORTH

DATE  
**2022-06-24**

SCALE  
**As indicated**

DWG STATUS :  
**TENDER**

PROJECT No.  
**21-237**

DRAWING No.  
**M2.0**

REVISION

2021-12-03 12:03:37 PM