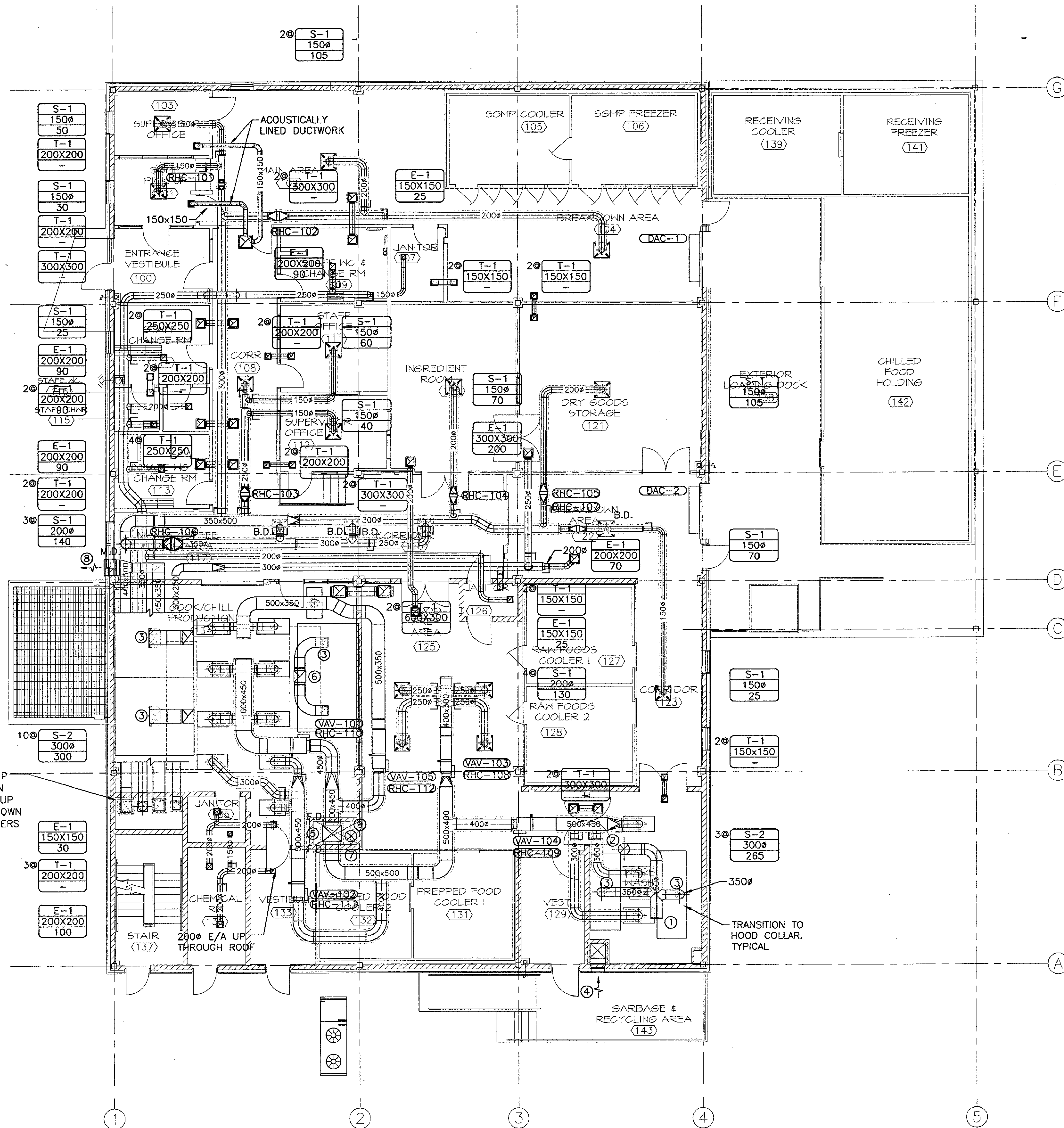


APPROX. NORTH



SYMBOL LEGEND	
	SUPPLY OR OUTDOOR AIR DUCT UP
	SUPPLY OR OUTDOOR AIR DUCT DOWN
	RETURN AIR DUCT UP
	RETURN AIR DUCT DOWN
	EXHAUST AIR DUCT UP
	EXHAUST AIR DUCT DOWN
	TURNING VANES
	BALANCING DAMPER
	BACK DRAFT DAMPER
	MOTORIZED DAMPER
	OPPOSED BLADE DAMPER
	FIRE DAMPER
	DUCT CAP
	SUPPLY AIR GRILLE OR DIFFUSER
	RETURN AIR GRILLE OR DIFFUSER
	EXHAUST AIR GRILLE OR DIFFUSER
	DUCTWORK WITH ACOUSTICAL LINER
	DUCTWORK WITH THERMAL INSULATION
	HWS HEATING WATER SUPPLY
	HWR HEATING WATER RETURN
	GLS GLYCOL SUPPLY
	GLR GLYCOL RETURN
	MTHWS DISTRICT HEATING WATER SUPPLY
	MTHWR DISTRICT HEATING WATER RETURN
	CWS COOLING WATER SUPPLY
	CWR COOLING WATER RETURN
	HPS STEAM SUPPLY
	CND STEAM CONDENSATE
	NG NATURAL GAS
	HD PIPE DROP
	VO PIPE RISE
	HT PIPE TEE DOWN
	HT PIPE TEE UP
	2 WAY CONTROL VALVE
	SHUTOFF VALVE
	BALANCING VALVE
	STEAM TRAP
	STEAM SELF REGULATING VALVE
	PLUG VALVE
	SD-X GRILLE TYPE
	X NECK/GRILLE SIZE
	XX AIR VOLUME
	XX-X EQUIPMENT/FIXTURE TYPE
	KEYNOTE
	DRAWING REVISION
	DETAIL NUMBER
	DRAWING NUMBER
	SECTION NUMBER
	DRAWING NUMBER
	RADIATION TYPE
	ACTIVE LENGTH
	CAPACITY (kW)
	S/A SUPPLY AIR
	R/A RETURN AIR
	E/A EXHAUST AIR
	O/A OUTDOOR AIR
	T/A TRANSFER AIR
	NTS NOT TO SCALE
	OED OPEN ENDED DUCT
	RA REVERSE ACTING
	DWH DOMESTIC WATER HEATER

NOTES:

1. LOUVRES PROVIDED AND INSTALLED BY OTHERS. SHEET METAL CONTRACTOR TO CONNECT TO LOUVRE AS INDICATED. TYPICAL.
2. GROUP BALANCING DAMPERS, VALVES AND OTHER ITEMS REQUIRING SERVICE NEAR ACCESS DOORS TO ALLOW ACCESS. KEEP DEVICES WITHIN 1000mm FROM TOP OF CEILING FOR ACCESS. TYPICAL.

KEYNOTES:

- ① DISHWASHER EXHAUST DUCT TO SLOPE BACK TOWARDS HOOD C/W DRAIN.
- ② 450ø E/A UP THROUGH ROOF TO TRANSITION TO EF-3 INLET, LOCATED ON ROOF.
- ③ HOOD PROVIDED AND INSTALLED BY KITCHEN CONTRACTOR. SHEET METAL CONTRACTOR TO TRANSITION TO HOOD DUCT COLLAR AND MAKE FINAL CONNECTION.
- ④ 500x600 INSULATED COMBUSTION AIR DUCT UP TO 500x900 LOUVRE & DOWN TO COLD TRAP LOCATED IN MECHANICAL ROOM.
- ⑤ 650x650 S/A UP FROM BELOW C/W FIRE DAMPER AT SHAFT WALL.
- ⑥ 600x500 E/A UP THROUGH ROOF TO EF-1.
- ⑦ 450ø STEAM BOILER FLUE UP THROUGH ROOF.
- ⑧ E/A TO DISCHARGE THROUGH 600x600 OF THE ARCHITECTURAL LOUVRE C/W MOTORIZED DAMPER. REMAINING PORTION OF LOUVRE TO BE INSULATED WITH MINIMUM 50mm RIGID INSULATION AND BACK PANEL.
- ⑨ REFER TO DETAIL 4 ON M2.5 FOR SERVICES IN SHAFT.

0	ISSUED FOR TENDER	NOV. 29, 2013
revisions		date

NEW FOOD SERVICES BUILDING
WESTMORLAND INSTITUTION

DORCHESTER, NB

MECHANICAL HVAC GROUND FLOOR DUCTWORK

designed GGH	conçu
date Aug. 3, 2013	date
drawn GGH	dessiné
date Aug. 3, 2013	date
approved MCP	approuvé
date Nov. 29, 2013	date
Tender M5525	13.12.10
Project Manager	Administrateur de projets
project number	no. du projet
R.061828.001	
drawing no.	no. du dessin
M2.1	

GROUND FLOOR PLAN

SCALE: 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

1
M2.1

