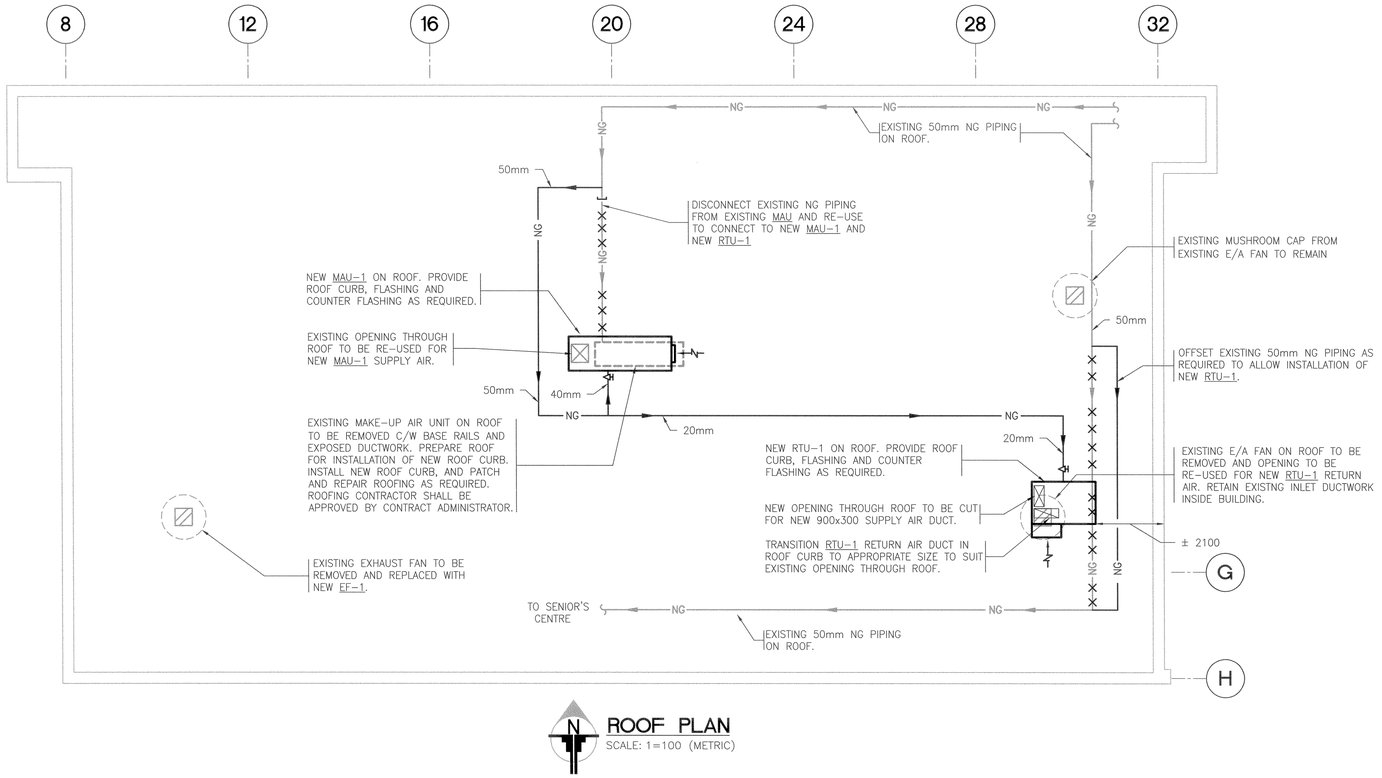
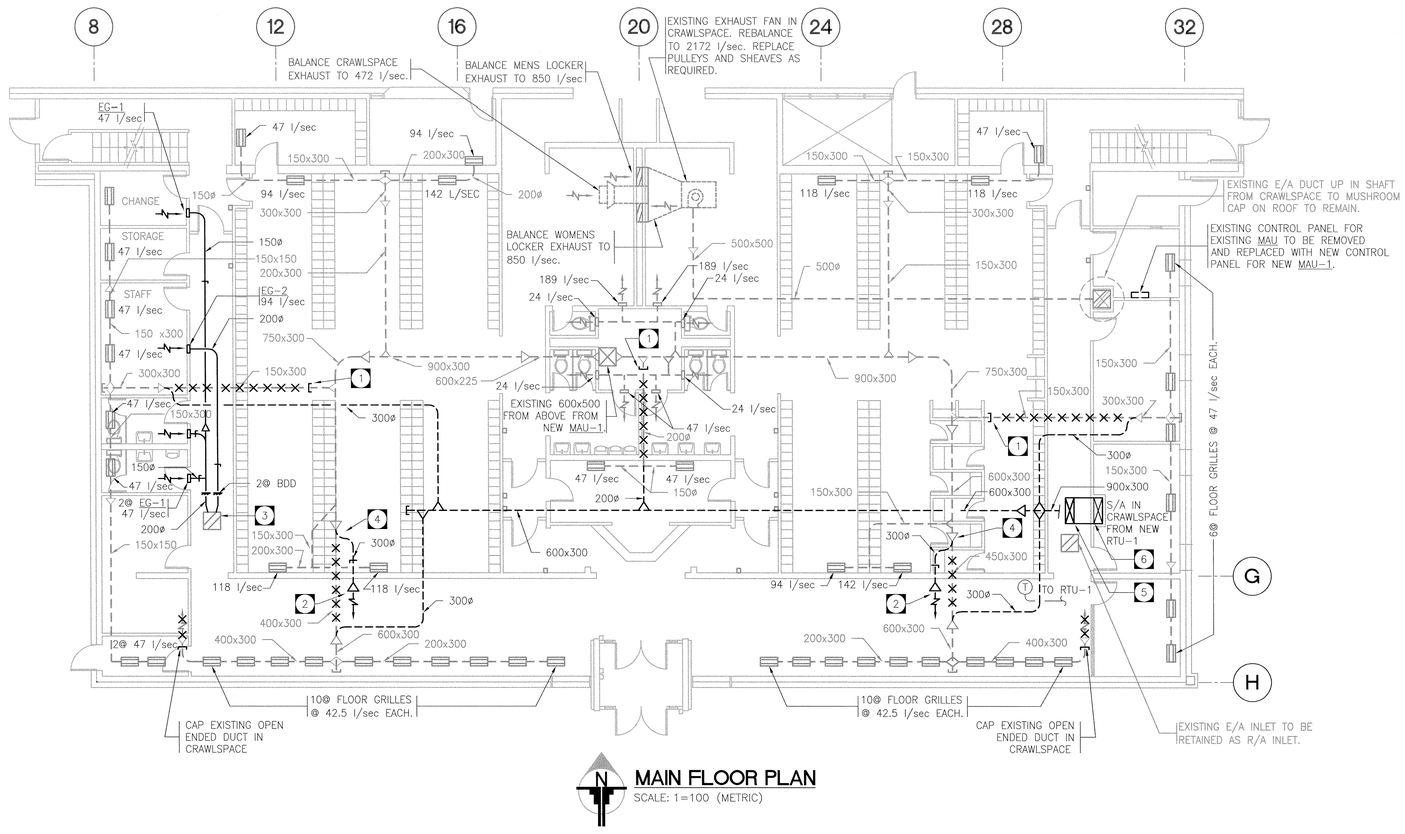


ROOF PLAN
SCALE: 1=100 (METRIC)



MAIN FLOOR PLAN
SCALE: 1=100 (METRIC)

GENERAL LEGEND

EX	EXISTING
EX	EXISTING TO BE REMOVED
##	DRAWING NOTE

PLUMBING PIPING LEGEND

	ABOVE GROUND PIPING
	BELOW GROUND PIPING
NG	NATURAL GAS

GENERAL PIPE AND FITTING LEGEND

	DIRECTION OF FLOW
	PIPE DOWN
	PIPE UP
	CAP
	UNION
	VALVE – NORMALLY OPEN
NC	VALVE – NORMALLY CLOSED
	PLUG VALVE
	PRESSURE REGULATING VALVE

VENTILATION LEGEND

	SQUARE OR RECTANGULAR DUCT DRAWN DOUBLE LINE
	ROUND OR OVAL DUCT DRAWN DOUBLE LINE
	DUCTWORK DRAWN SINGLE LINE
	ACOUSTICALLY LINED DUCT
	THERMALLY INSULATED DUCT
	SQUARE TO ROUND TRANSITION
	TRANSITION
	FLEX CONNECTION
	SQUARE ELBOW C/W TURNING VANES
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN OR TRANSFER DUCT UP
	RETURN OR TRANSFER DUCT DOWN
	EXHAUST DUCT UP
	EXHAUST DUCT DOWN
	OUTSIDE AIR DUCT UP
	OUTSIDE AIR DUCT DOWN
R-?	SIDEWALL EXHAUST, RETURN OR TRANSFER GRILLE (TYPE NOTED)
	BALANCING DAMPER
	OPPOSED BLADE DAMPER
BDD BDD	BACK DRAFT DAMPER
	END CAP
AD	ACCESS DOOR
F-?	FAN-SYMBOL (TYPE NOTED)

CONTROLS LEGEND

T	WALL MOUNTED THERMOSTAT
M	DAMPER OR VALVE MOTOR
R	RELAY
$	MANUAL SWITCH

GENERAL NOTES:

1) MECHANICALLY CLEAN INSIDE OF ALL EXISTING DUCTS. PROVIDE NEW ACCESS LOCATIONS AS REQUIRED. ACCESS LOCATIONS MAY BE SEALED USING OVERSIZED SHEET METAL PATCHES WITH S.M. SCREWS AND DUCT SEALANT.
2) REBALANCE EXISTING SYSTEMS TO AIR VOLUMES NOTED.

DRAWING NOTES:

1. DISCONNECT EXISTING BRANCH FROM EXISTING MAIN AND CAP BRANCH TAKE-OFF. FEED EXISTING BRANCH FROM NEW RTU-1 AIR SYSTEM AS SHOWN.
2. NEW OPEN-ENDED DUCT IN CRAWLSPACE. BALANCE TO 236 L/SEC. PROVIDE WIRE MESH SCREEN.
3. EXISTING E/A FAN ON ROOF TO BE REMOVED C/W INLET DUCT INSIDE BUILDING. RE-USE OPENING FOR NEW EF-1 AND PROVIDE ACOUSTIC LINED PLENUM THROUGH ROOF. PROVIDE ALL NEW DUCTWORK AT ROOF LEVEL AS SHOWN.
4. DISCONNECT EXISTING BRANCH FROM EXISTING MAIN AND EXTEND TO OPEN ENDED DUCT AS SHOWN. FEED EXISTING BRANCH FROM NEW RTU-1 AIR SYSTEM AS SHOWN.
5. NEW 900x300 ACOUSTICALLY LINED SUPPLY AIR DUCT THROUGH NEW ROOF OPENING FROM RTU-1.
6. NEW 900x300 ACOUSTICALLY LINED SUPPLY AIR DUCT FROM CEILING LEVEL TO CRAWLSPACE IN NEW FURRING. CUT OPENING THROUGH FLOOR AS REQUIRED.

NO.	REVISIONS	DATE	BY
3	REVISED PRIOR TO TENDER	11/07/07	G.T.
2	ISSUED FOR TENDER	08/08/07	GT
1	ISSUED FOR FINAL REVIEW	07/16/07	GT
0	ISSUED FOR OWNER'S REVIEW	01/31/07	GT

TOWER PROJECT NO. :6194

TOWER ENGINEERING GROUP
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SEAL

APEGM
Certificate of Authorization
Tower Engineering Group
No. 1918 Expiry: April 30, 2008

SEAL

PROVINCE OF MANITOBA
J. ABIUSI
100
REGISTERED PROFESSIONAL ENGINEER

PROJECT

CITY OF WINNIPEG CENTENNIAL SWIMMING POOL

90 SINCLAIR STREET
WINNIPEG, MB

DRAWING

OFFICE ZONE SEPARATION MECHANICAL PLANS AND LEGEND

DESIGNED:	GT
DRAWN:	GN
CHECKED:	GT
SCALE:	AS NOTED
DATE:	AUG 8/07
PROJECT NO.:	6194

SHEET
M-1.0

REVISION
R-3