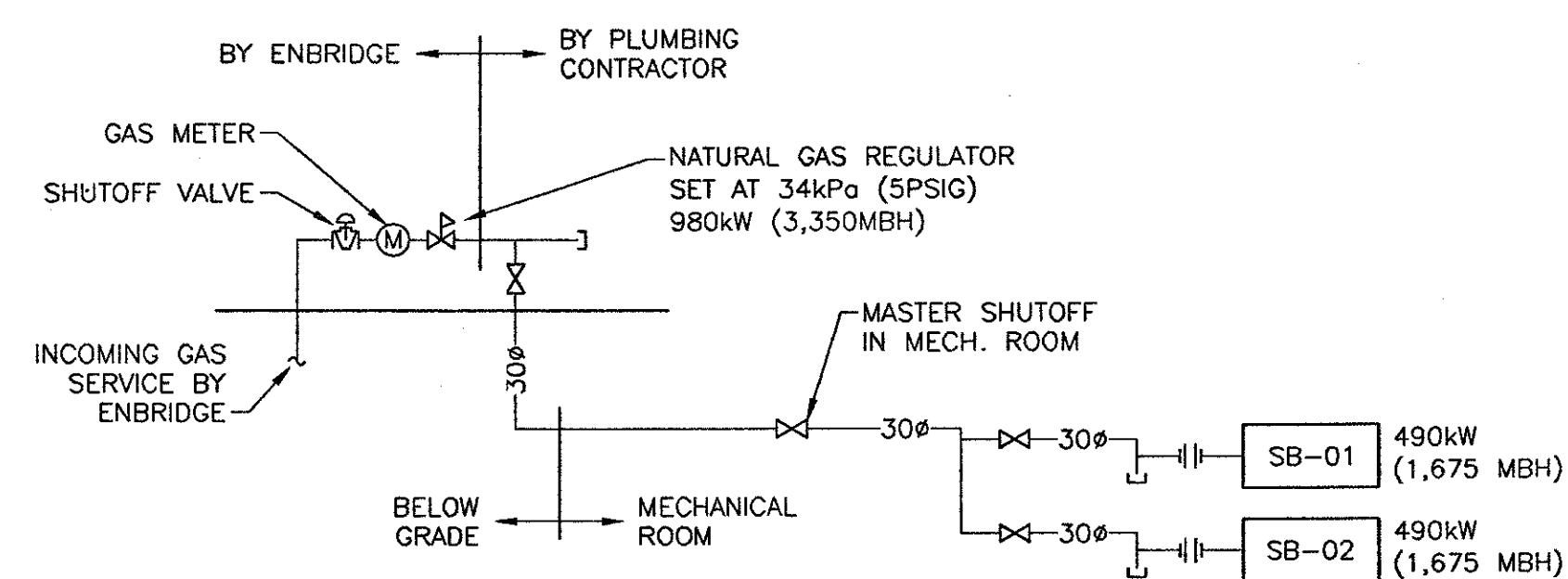


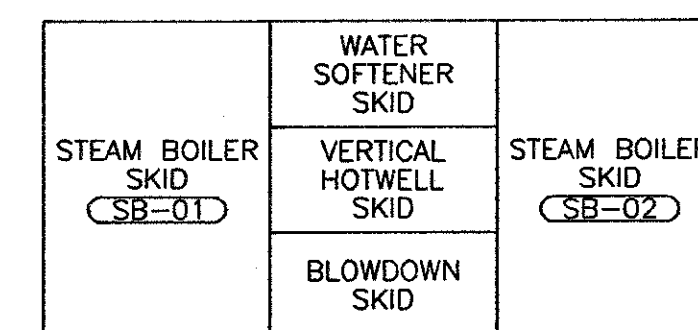
STEAM BOILER PACKAGE SCHEMATIC 1
SCALE : N.T.S.



NATURAL GAS SCHEMATIC 2
SCALE : N.T.S.

NOTES:

1. PROVIDE A COMPLETE AND OPERATIONAL SKID MOUNTED STEAM BOILER PLANT AS INDICATED ON DRAWINGS AND AS INDICATED IN THE SPECIFICATIONS.
2. ASSEMBLE PLANT ON-SITE, AND MAKE ALL NECESSARY CONNECTIONS BETWEEN SKIDS.
3. MAKE CONNECTIONS TO SERVICES INCLUDING DCW, GAS, DRAINS, STEAM AND CONDENSATE.
4. CONNECT STEAM BOILER SKID FOR SB-02 TO SKIDS WHERE INDICATED. VENTS, DRAINS AND STEAM CONNECTIONS FOR SB-02 ARE IDENTICAL TO SB-01.
5. REFER TO INSTALLATION MANUAL R-16600 FOR GENERAL INSTALLATION GUIDELINES AND RECOMMENDATIONS. MEET ALL APPLICABLE CODES AND STANDARDS.
6. ALL PIPING WITHIN DASHED LINES IS THE RESPONSIBILITY OF THE BOILER MANUFACTURER UNLESS OTHERWISE NOTED.
7. BOILER SKID, INCLUDING PIPING AND FLUES TO FIT WITHIN SPACE SHOWN ON FLOOR PLAN INCLUDING HEIGHT.
8. RUN VENTS FROM BOILER TO ROOF. COORDINATE LOCATIONS WITH OTHER SERVICE.



STEAM BOILER PACKAGE OVERVIEW
SCALE : N.T.S.

CONNECTIONS		
SYMBOL	SIZE	DESCRIPTION
A	50mm	SEPARATOR OUTLET
B1	30mm	SAFETY VALVE OUTLET
B2	30mm	SAFETY VALVE OUTLET
F1	20mm	COIL DRAIN
G	15mm	PUMP RELIEF VALVE
S	20mm	SOOT BLOWER
SB	75mm	HOTWELL VENT
SF1	25mm	CONDENSATE RETURN
SK	25mm	WATER SUPPLY INLET
SL	20mm	SOFTENER DRAIN
SN	40mm	BLOWDOWN TANK DISCHARGE
SO	65mm	BLOWDOWN TANK VENT

SKID RECONNECTIONS	
SYMBOL	DESCRIPTION
RC8	COOLING WATER SUPPLY
RC9	BLOWDOWN INLET
RC10	HOTWELL DRAIN
RC11	FEEDWATER PUMP
RC12	TRAP / CONDENSATE RETURN
RC13	STEAM HEATER / HOTWELL
RC14	GRAVITY FILL
RC15	SAMPLE COOLER SUPPLY / DRAIN
RC16	BLOWDOWN PUMP HEAD COOLING
RC17	SOFTENED WATER RECONNECT
RC18	TDS CONTROL
RC19	HOTWELL OVERFLOW

0	ISSUED FOR TENDER	NOV. 29, 2013
revisions		date

project **NEW FOOD SERVICES BUILDING** project
WESTMORLAND INSTITUTION

DORCHESTER, NB

drawing **MECHANICAL STEAM GENERATOR SCHEMATICS AND DETAILS** dessin

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date	Oct. 9, 2013	
drawn	GGH	dessiné
date	Oct. 9, 2013	
approved	MCP	approuvé
date	Nov. 29, 2013	

Tender M6525
Project Manager Matthew Hashim
Signature
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