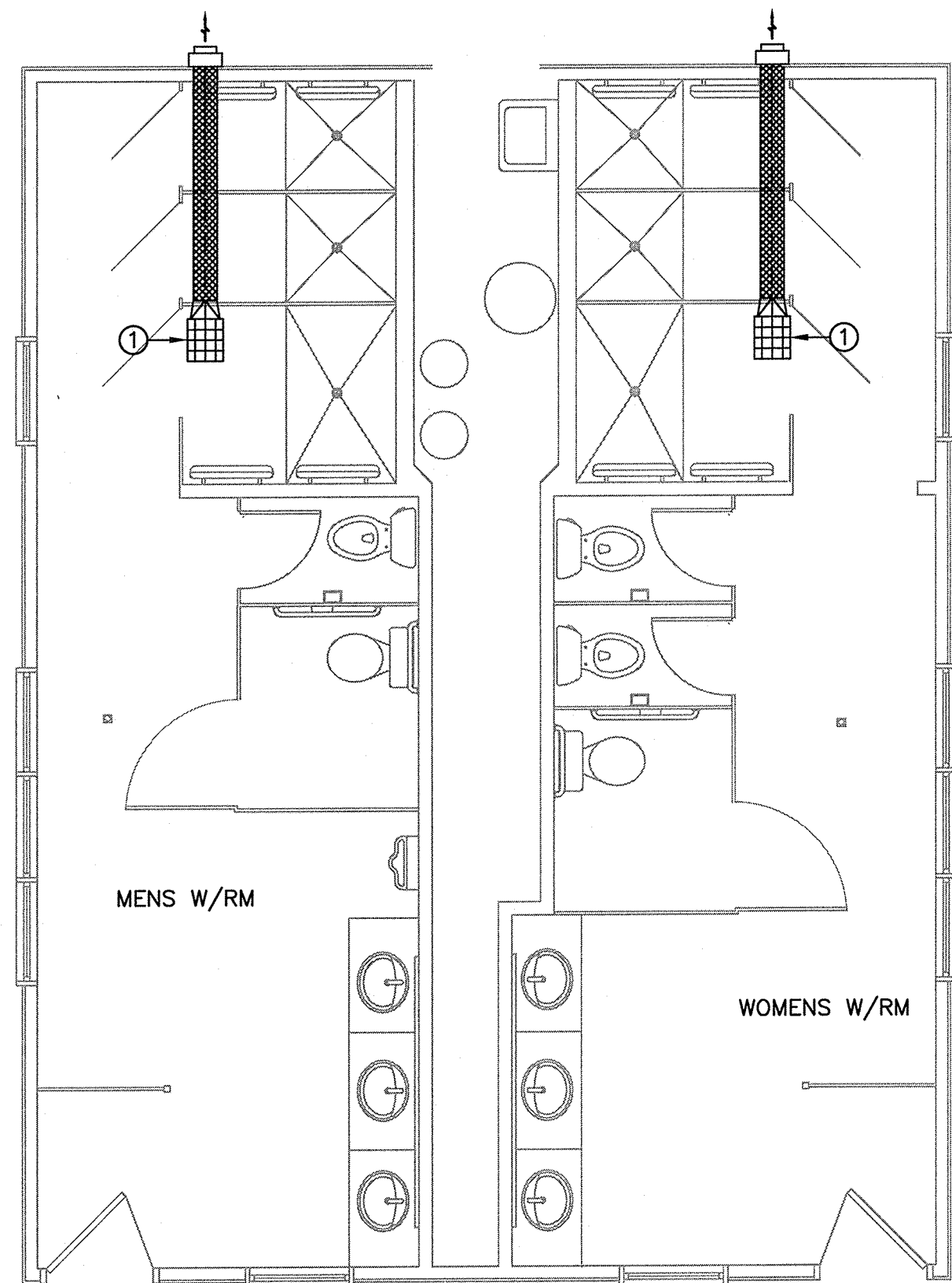
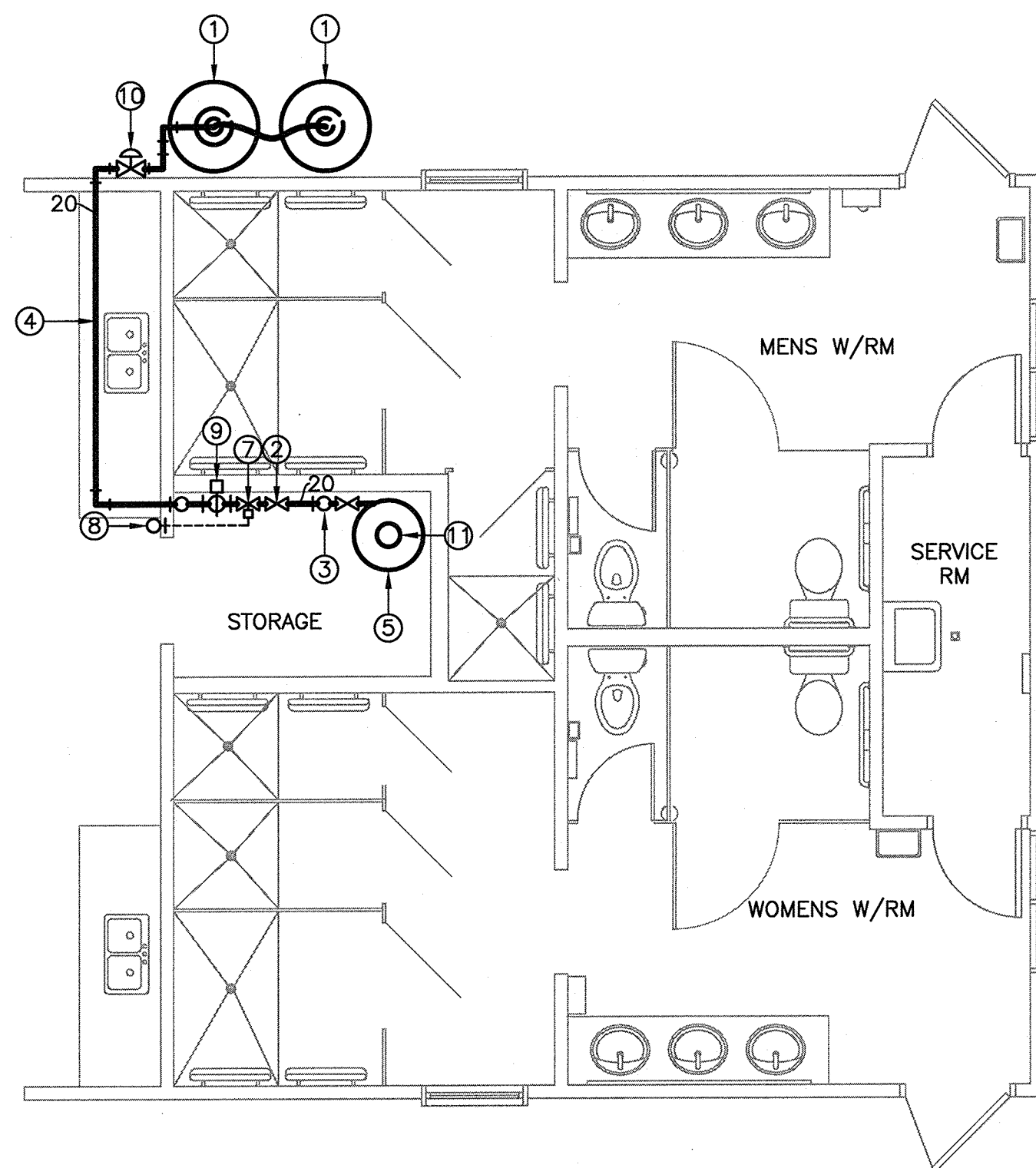


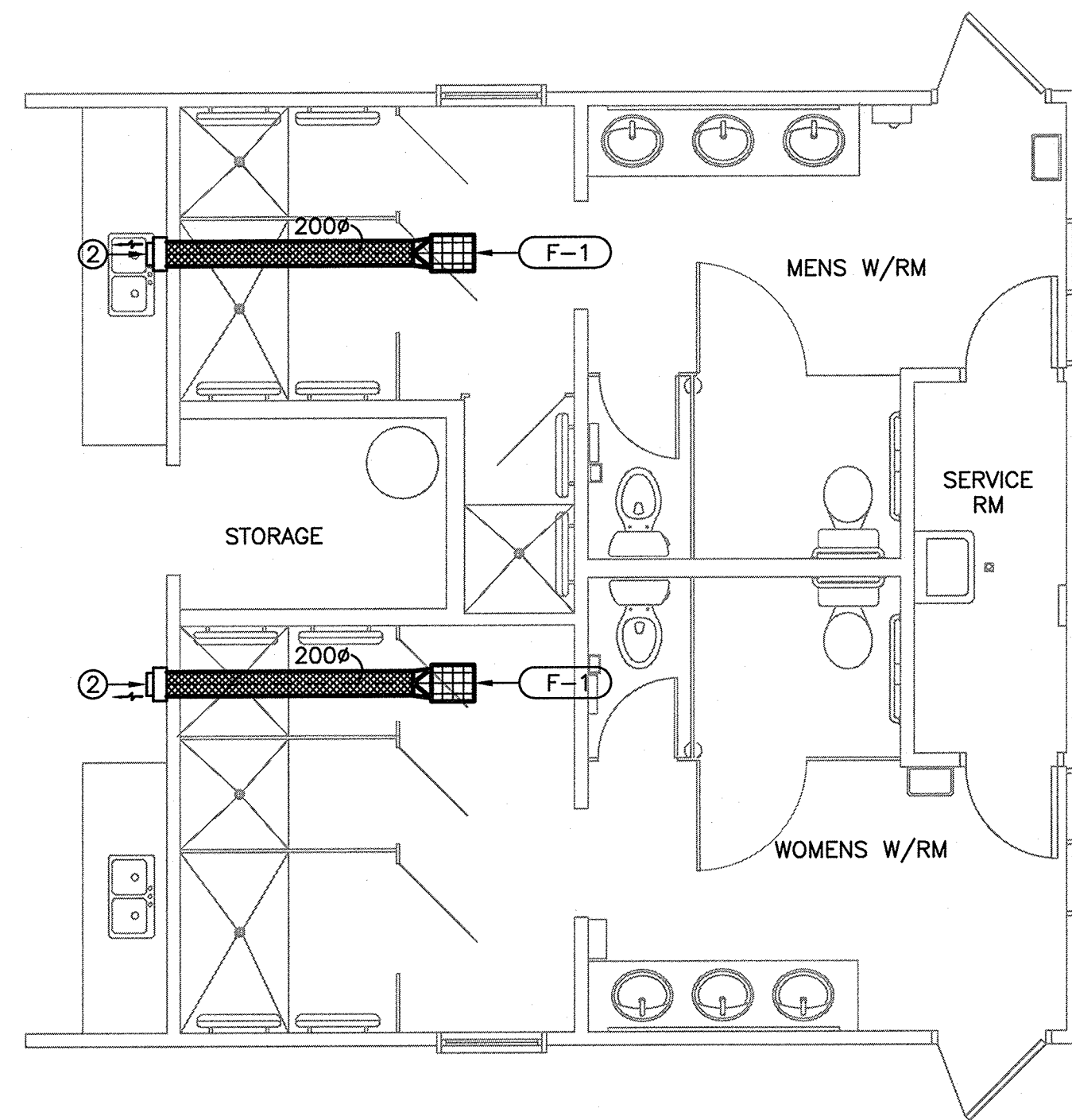
FLOOR PLAN BUILDING #32 & #34 - PROPANE LAYOUT  
SCALE: 1:50



FLOOR PLAN BUILDING #32 & #34 - VENTILATION LAYOUT  
SCALE: 1:50



FLOOR PLAN BUILDING #38 - PROPANE LAYOUT  
SCALE: 1:50



FLOOR PLAN BUILDING #38 - VENTILATION LAYOUT  
SCALE: 1:50

#### MECHANICAL VENTILATION LEGEND:

VENTILATION	
	EXISTING DUCTWORK (DIMENSION = mm/mm)
	NEW DUCTWORK (DIMENSION = mm/mm)
	ACOUSTIC INSULATED DUCTWORK (DIMENSION = mm/mm)
	CIRCULAR DUCTWORK (DIMENSION = mmØ)

#### NEW VENTILATION NOTES:

- EXISTING FANS TO REMAIN.
- GREENHECK MODEL WALL CAP. C/W BIRDSCREEN. PAINT TO MATCH EXISTING EXTERIOR WALL COLOR.

#### NEW PROPANE NOTES:

- PROPANE CONTRACTOR SHALL PROVIDE TWO 420L PROPANE TANKS ON PATIO BLOCK PADS AS SHOWN. C/W PRV AND VENTS TO PROVIDE 11"W.C. PRESSURE (2.7kPa).
- GAS PIPING CONTRACTOR SHALL PROVIDE INTERIOR AND EXTERIOR GAS SHUT-OFF VALVES C/W LABELS TO CSA B149.1 LATEST EDITION. ALL PIPING SHALL BE PAINTED GREY BY GAS CONTRACTOR. APPLY YELLOW IDENTIFICATION STICKERS AT 2M INTERVALS ON ALL PIPING.
- PROVIDE 20Ø DRIP LEG AND SHUT-OFF AT TANK WITH FLEX CONNECTION.
- 20Ømm GAS LINE FROM TANKS TO HWT. TOTAL LENGTH 30' MAX. (9M); LOAD 360MBH (106kW) PRESSURE 11"W.C. (2.7kPa) BASED ON A PRESSURE DROP OF 1"W.C. (250Pa) TAKEN FROM TABLE B.I.(a) OF CAN/CSA-B149.1-05.
- NEW HOT WATER TANKS TO BE RHEEM-RUUD HEATER MODEL R71-360C(A) FOR 11"W.C. (2.7kPa) PROPANE. RECONNECT HEATER TO EXISTING SERVICES AS SHOWN IN ISOMETRIC ON THIS SHEET. TIE INTO EXISTING RECIRC PUMP AND ADD NEW ACCESSORIES. ELECTRICAL SHALL WIRE HWT-1. HEATER CAPACITY 65 GALLONS (322L).
- EXISTING (420L) PROPANE TANKS TO REMAIN.
- NEW LOW PRESSURE REGULATOR, C/W VENT TO ATMOSPHERE.
- VENT TO OUTSIDE, ELBOW DOWN WITH INSECT SCREEN.
- CO<sub>2</sub> VALVE. ASCO OR EQUIVALENT CRN: OC0551.90
- NEW HIGH PRESSURE REGULATOR.
- NEW 200Ømm DOUBLE LINED STAINLESS STEEL FLUE KIT C/W THIMBLE AT ROOF, FLASHING, RAIN RING AND WEATHER PROOF CAP TERMINATION AS RECOMMENDED BY UNIT MANUFACTURER. TERMINATE FLUE AT 1M ABOVE RIDGE LINE OF ROOF (FLOOR TO RIDGE IS APPROXIMATELY 4.8M). ALL CUTTING, PATCHING AND ROOFING BY ARCHITECTURAL TRADES.

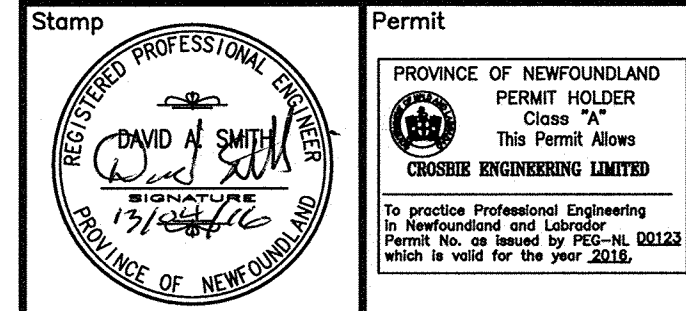
#### GENERAL NOTES:

- PROVIDE ADEQUATE CLEARANCES FROM ANY COMBUSTIBLES AS PER MANUFACTURERS RECOMMENDATIONS.
- THIS DRAWING ONLY INCLUDES DESIGN OF PROPANE STORAGE TANKS AND PROPANE PIPING/FITTINGS.

#### LIST OF MATERIALS

ITEM	QUANTITY *	DESCRIPTION	MANUFACTURER **
1.	2	420 LITRE PROPANE STORAGE CYLINDER	SUPPLIED BY OWNER
2.	20M	20mmØ B.I. PROPANE PIPING	STELCO
3.	4	SHUT-OFF VALVES	REGO
4.	2	HIGH PRESSURE REGULATOR SET @34.45KPA (5 psig)	REGO
5.	2	LOW PRESSURE REGULATOR SET @2.74kPa (11 IN.W.C)	REGO
6.	AS REQ'D	SCH. 40 B.I. ELBOWS	JINAN
7.	AS REQ'D	SCH. 40 B.I. NIPPLES	JINAN
8.	AS REQ'D	SCH. 40 B.I. TEES	JINAN
9.	AS REQ'D	SCH. 40 B.I. CAPS	JINAN
10.	2	CO <sub>2</sub> VALVE	ASCO,CRN: OC0551.90
11.	7.5M	200mmØ DOUBLE WALLED TYPE B VENT C/W VENT HOOD	DURAVENT

\* QUANTITIES SHOWN TO BE CONSIDERED APPROXIMATE. PROVIDE ADDITIONAL MATERIALS AS NECESSARY FOR A COMPLETE WORKING SYSTEM.  
\*\* OR EQUIVALENT.



2.	ISSUED FOR TENDER	2016/03/04
1.	ISSUED FOR TENDER REVIEW	2015/09/11
revisions		date

project  
WASHROOM BUILDING  
RECAPITALIZATION  
BUILDING 32, 34, & 38  
NEWMAN SOUND CAMPGROUND  
TERRA NOVA  
NATIONAL PARK, NL

drawing  
dessin

EXISTING AND NEW FLOOR  
PLAN BUILDING  
#32, #34, & #38 -  
PROPANE & VENTILATION  
LAYOUT

designed  
conçu

date

drawn  
dessiné

date

approved  
approuvé

date

Tender  
PWGSC Project Manager  
Administrateur de projets TPSGC

project number  
no. du projet

R-079272-001

drawing no.  
no. du dessin

M-2