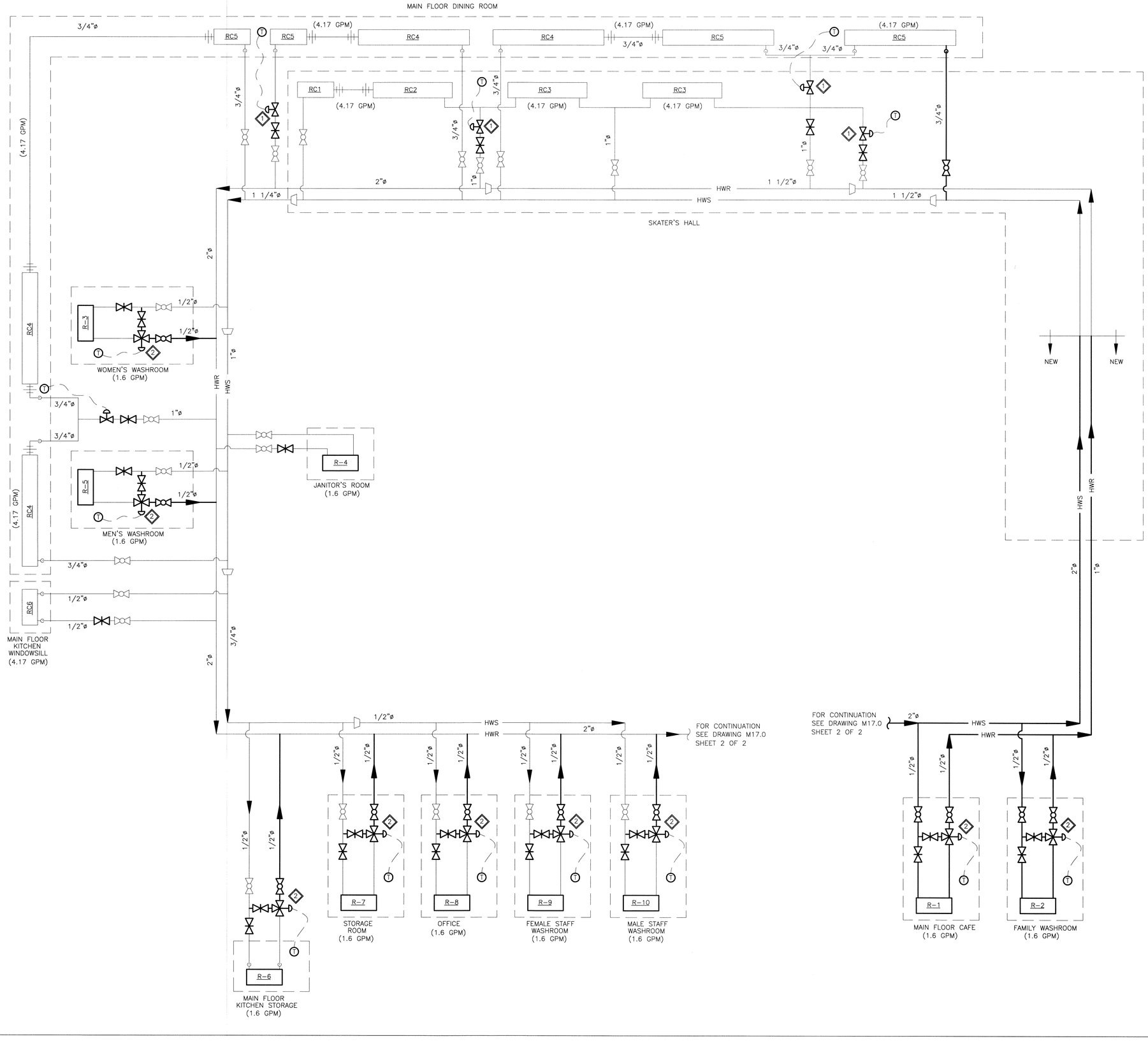


## LEGEND:

- NEW PIPING/EQUIPMENT
- EXISTING PIPING/EQUIPMENT
- FLOW ARROW
- HWS — HOT WATER SUPPLY
- HWR — HOT WATER RETURN
- DCW — DOMESTIC COLD WATER
- CONTROL WIRING
- 3-WAY MANUAL CONTROL VALVE
- BALL VALVE
- GATE VALVE
- CIRCUIT SETTER
- PRESSURE REDUCING VALVE
- CHECK VALVE
- STRAINER
- PRESSURE RELIEF VALVE
- SUCTION DIFFUSER
- TRIPLE DUTY VALVE
- CIRCUIT SETTER
- BUTTERFLY VALVE
- 2-WAY VALVE, 2 POSITION
- PRESSURE GAUGE (RANGE)
- THERMOMETER
- UNION
- PIPE REDUCER
- CPF — CHEMICAL POT FEEDER
- SITE GLASS
- FILTER
- AIR VENT
- LWC — LOW WATER CUT-OFF
- FS — FLOW SENSOR
- TS — TEMPERATURE SENSOR
- T — WALL MOUNTED THERMOSTAT
- B- — BOILER
- EXP- — EXPANSION TANK
- R- — RADIATOR
- RC- — EXISTING RADIATOR C/W NEW RADIATOR COVER
- CN — CONDENSATE NEUTRALIZATION DRAIN


THIS DRAWING MUST NOT BE SCALED.

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| Rev. 0 - ISSUED FOR TENDER | NOVEMBER 21/2011 |

## GENERAL NOTES:

1. CONTROLS CONTRACTOR TO SIZE ALL NEW CONTROL VALVES. MAXIMUM PRESSURE DROP FOR ALL NEW CONTROL VALVES TO BE 3 PSI.

2. CONTROLS CONTRACTOR TO SIZE ALL NEW CIRCUIT SETTERS. MAXIMUM PRESSURE DROP FOR ALL NEW CIRCUIT SETTERS TO BE 1 PSI.

## KEY NOTES:

1. REPLACE EXISTING CONTROL VALVES.
2. PROVIDE NEW 3-WAY CONTROL VALVES AS SHOWN (TYP).


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architecture ▪ interior design ▪ graphic design


project
PEGUIS PAVILION
UPGRADES & ENTRY ADDITION
BIDDING #913-2011

MECHANICAL
HYDRONIC PIPING SCHEMATIC
SHEET 1 OF 2

sheet title

consultant
KGS GROUP | CONSULTING ENGINEERS

APEGM Certificate of Authorization KGS Group No. 245

PROVINCE OF MANITOBA R.B. BODNAR REGISTERED PROFESSIONAL ENGINEER

seal

drawn by: VJH
checked by: RBB
project no. 2011026

scale: N.T.S.
date: August 15, 2011
sheet no. M16.0


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24"x36"/PLOT SCALE: 1:1