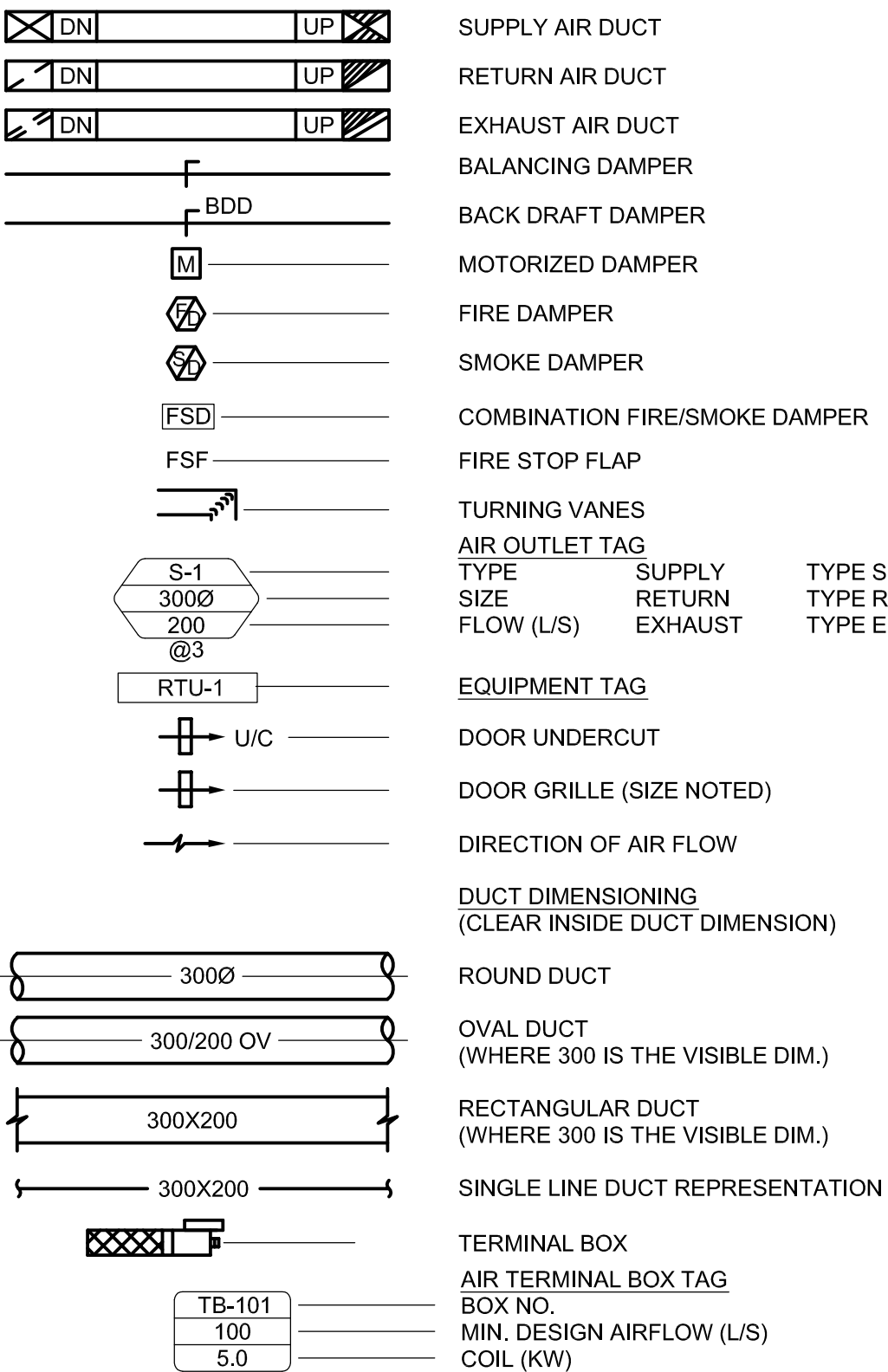
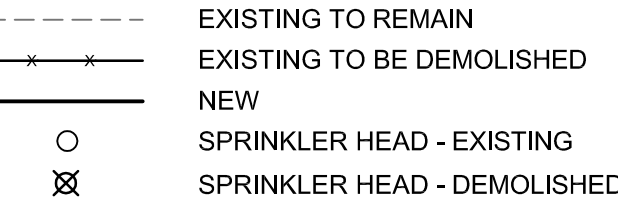


MECHANICAL LEGEND

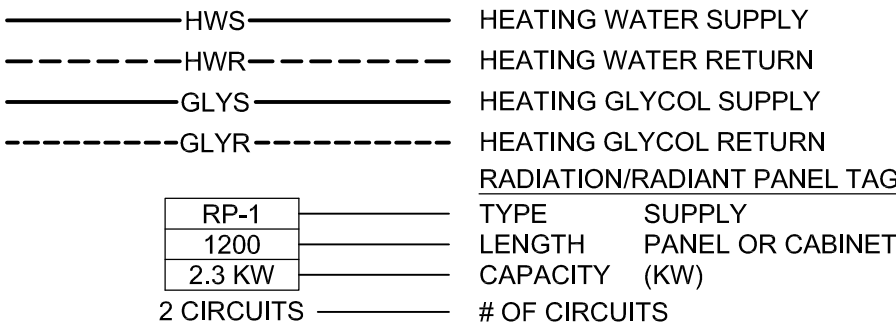
AIR DISTRIBUTION



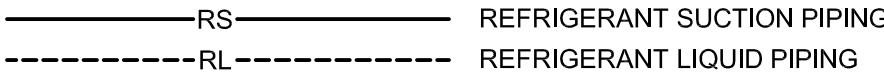
RENOVATION/DEMO.



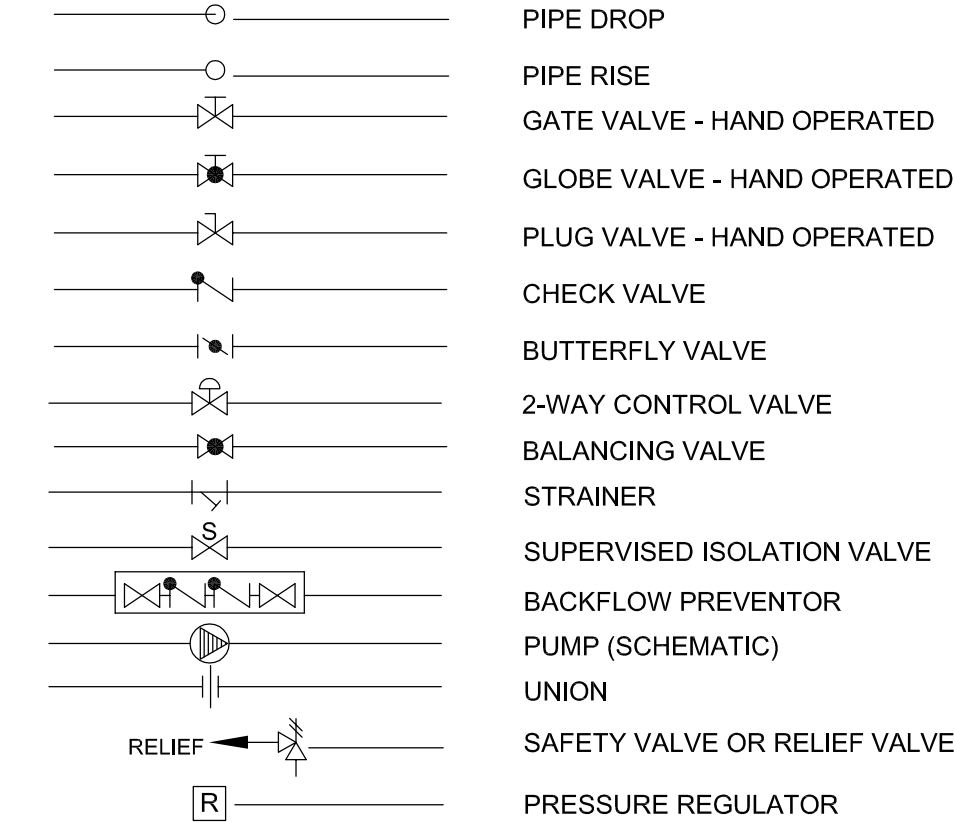
LIQUID HEAT TRANSFER



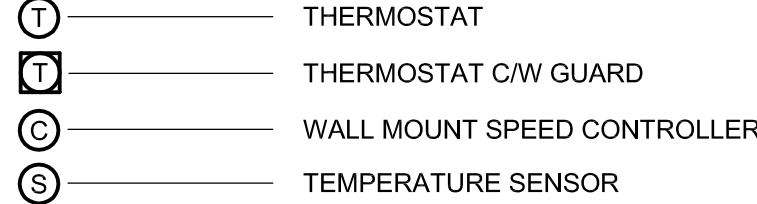
SPECIAL PIPING AND SYSTEMS



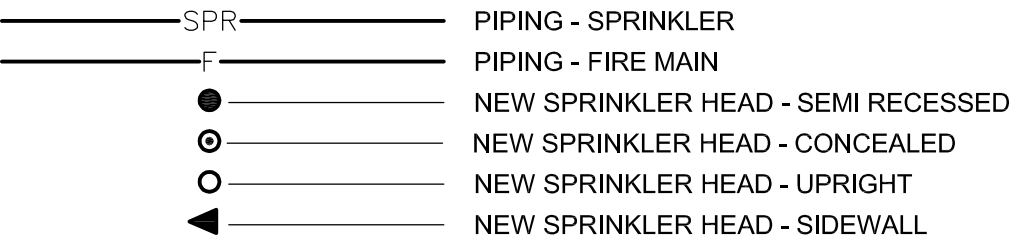
PIPE VALVES AND FITTINGS



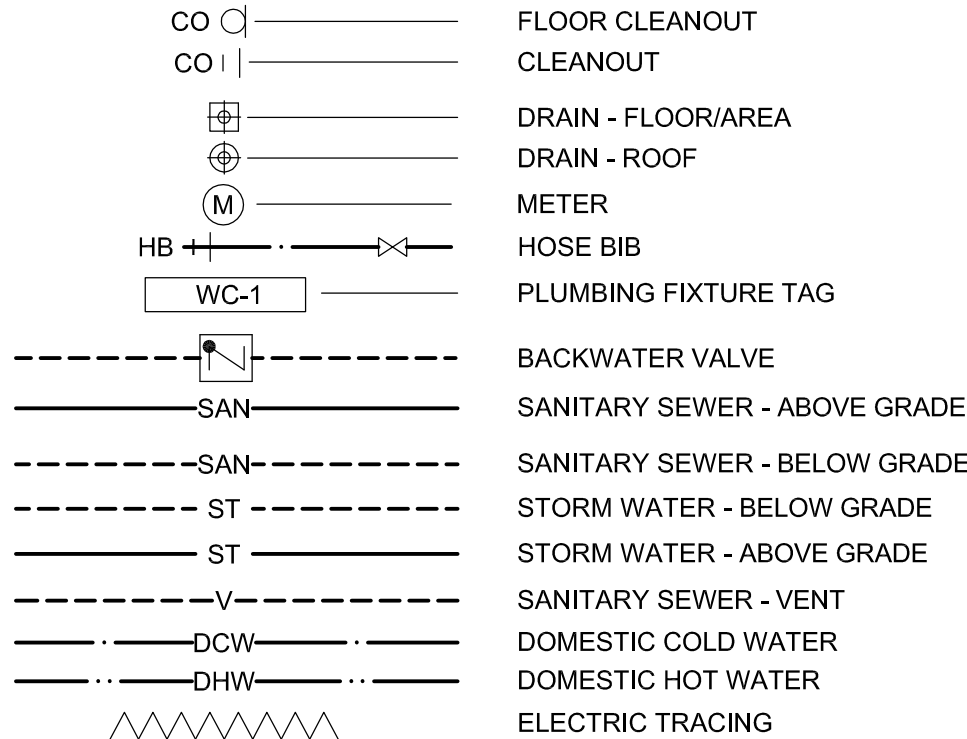
CONTROLS AND INSTRUMENTATION



FIRE PROTECTION



PLUMBING AND PIPING



MECHANICAL DRAWING LIST

M0.01	MECHANICAL LEGENDS AND DRAWING LIST
M0.02	MECHANICAL SITE PLAN
M1.01	FOUNDATION DEMOLITION AND UPGRADE PLAN-A
M1.02	FOUNDATION DEMOLITION PLAN-B
M1.03	RESERVED
M1.04	GROUND FLOOR PLUMBING DEMOLITION AND UPGRADE PLAN-A
M1.05	GROUND FLOOR PLUMBING DEMOLITION PLAN-B
M1.06	GROUND FLOOR PLUMBING UPGRADE PLAN-B
M1.07	GROUND FLOOR HVAC DEMOLITION AND UPGRADE PLAN-A
M1.08	GROUND FLOOR HVAC DEMOLITION PLAN-B
M1.09	GROUND FLOOR HVAC UPGRADE PLAN-B
M1.10	GROUND FLOOR HVAC PIPING DEMOLITION AND UPGRADE PLAN-A
M1.11	GROUND FLOOR HVAC PIPING DEMOLITION PLAN-B
M1.12	GROUND FLOOR HVAC PIPING UPGRADE PLAN-B
M1.13	GROUND FLOOR FIRE PROTECTION DEMOLITION AND UPGRADE PLAN-A
M1.14	GROUND FLOOR FIRE PROTECTION DEMOLITION PLAN-B
M1.15	GROUND FLOOR FIRE PROTECTION UPGRADE PLAN-B
M1.16	SECOND FLOOR PLUMBING UPGRADE PLAN
M1.17	SECOND FLOOR HVAC DEMOLITION AND UPGRADE PLAN
M2.01	FOUNDATION PLAN-PEB
M2.02	GROUND FLOOR PLUMBING PLAN-PEB
M2.03	GROUND FLOOR HVAC PLAN-PEB
M2.04	GROUND FLOOR HVAC PIPING PLAN-PEB
M2.05	GROUND FLOOR FIRE PROTECTION PLAN-PEB
M2.06	SECOND FLOOR PLUMBING PLAN-PEB
M2.07	SECOND FLOOR HVAC PLAN-PEB
M2.08	SECOND FLOOR HVAC PIPING PLAN-PEB
M2.09	SECOND FLOOR FIRE PROTECTION PLAN-PEB
M2.10	MECHANICAL ROOF PLAN-PEB
M4.01	MECHANICAL SCHEMATIC
M4.02	MECHANICAL PART PLANS
M4.03	MECHANICAL SECTIONS
M5.01	MECHANICAL DETAILS
M5.02	MECHANICAL DETAILS
M5.03	MECHANICAL DETAILS
M6.01	MECHANICAL SCHEDULES
M6.02	MECHANICAL SCHEDULES

ABBREVIATIONS

ABBV	FULL NAME
AC	AIR CONDITIONER
AF	AIR FILTER
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
AS	AIR SYSTEM
BDD	BACK DRAFT DAMPER
BMS	BUILDING MANAGEMENT SYSTEM
BOD	BOTTOM OF DUCT
BTUH	BRITISH THERMAL UNIT
CC	COIL - COOLING
CFM	CUBIC FEET PER MINUTE
CR	CONDENSATE RECEIVER
CUH	CABINET UNIT HEATER
DCW	DOMESTIC COLD WATER
DIFF	DIFFUSER
DN	DOWN
DHW	DOMESTIC HOT WATER
DWH	DOMESTIC WATER HEATER
E/A	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	FAN - EXHAUST
ELEV	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
FD	FLOOR DRAIN
FF	FORCE FLOW
FFD	FUNNEL FLOOR DRAIN
ST	STORM WATER
SAN	SANITARY
GNC	GENERAL CONTRACTOR
GPM	US GALLONS PER MINUTE
HB	HOSEBIB
HP	HORSEPOWER
HUM	HUMIDIFIER
ID	INSIDE DIMENSION
JS	JANITOR'S SINK
L/S	LITRES PER SECOND
LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
MUA	MAKE UP AIR
NCM	NOMINAL
O/A	OUTSIDE AIR
QBD	OPPOSED BLADE DAMPER
OED	OPEN ENDED DUCT
PHC	COIL - PREHEAT
R/A	RETURN AIR
RD	DRAIN - ROOF AREA
REL/A	RELIEF AIR
RF	FAN - RETURN AIR
RTU	ROOF TOP UNIT
RWL	RAIN WATER LEADER
S/A	SUPPLY AIR
SC	SPRAYED COIL
SF	FAN - SUPPLY AIR
SK	SINK
SP	STATIC PRESSURE
UR	URINAL
WC	WATER CLOSET
CTE	CONNECT TO EXISTING
FSD	FIRE SMOKE DAMPER
EX.	EXISTING
CB	CATCH BASIN
LCM	LOCAL CONTROL MODULE
GCM	GLOBAL CONTROL MODULE

NATURAL GAS LOAD SUMMARY

TAG	LOAD
B-1	62
B-2	62
DHWH-1	58
EXISTING MAIN BUILDING LOAD	1384
TOTAL	1566

MECHANICAL DRAWING LIST

M7.00	CONTROLS REPLACEMENT SITE PLAN
M7.01	GROUND FLOOR PLAN BUILDING-A
M7.02	GROUND FLOOR PLAN BUILDING-B
M7.03	GROUND FLOOR PLAN BUILDING-C
M7.04	GROUND FLOOR PLAN BUILDING-IIU
M7.05	SECOND FLOOR PLAN BUILDING-A
M7.06	SECOND FLOOR PLAN BUILDING-C
M7.07	SECOND FLOOR AND THIRD FLOOR PLAN BUILDING-IIU
M7.08	GROUND FLOOR PLAN BUILDING-SLE
M7.09	EXISTING CONTROLS SYSTEM NETWORK ARCHITECTURE

DIALOG™

stamp



Do not scale drawings
Verify all dimensions and conditions on site and
Immediately notify the Departmental Representative of all
discrepancies

A	detail no. no. du détail
B	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet

GRAND VALLEY INSTITUTION FOR WOMEN
1575 HOMER WATSON BLVD.
KITCHENER, ONTARIO, N2P 2C5

PRINCIPAL ENTRANCE BUILDING

drawing title
titre du dessin

MECHANICAL LEGENDS & DRAWING LIST

drawn by
dessiné par

GR

designed by
conc par

JDB

approved by
approuvé par

RD

bid
offre

RP

project manager
administrateur
de projets

project date
date du projet

2013-04-19

project no.
no. du projet

DIALOG NO. 09487T.02
R.047995.001

drawing no.
dessiné no.

M0.01