

PIPING

SIDE CONNECTION

UPWARD CONNECTION

DOWNWARD CONNECTION

DOWN

UP

UP AND DOWN

45 DEGREES DOWNWARD

PLUG

THREADED UNION

QUICK CONNECT

CONCENTRIC REDUCER

ECCENTRIC REDUCER

SLEEVE

EXPANSION JOINT

GUIDE

FLEXIBLE CONNECTION

ANCHOR

CLEAN OUT

CLEAN OUT WITH ACCESS DOOR

HOSE BIB

BLOW-OFF VALVE

WATER METER

WATER HAMMER ARRESTER

MANOMETER WITH BALL VALVE

DIFFERENTIAL PRESSURE INDICATOR

THERMOMETER

FLOW SWITCH

AQUASTAT

PUMP OR CIRCULATOR

CONVECTOR OR BASEBOARD

VERTICAL PROJECTION UNIT HEATER

HORIZONTAL PROJECTION UNIT HEATER

FORCED FLOW, WALL OR CEILING MOUNTED

FLOOR DRAIN

FUNNEL DRAIN

OPEN DRAIN

DISHWASHER DRAIN

FUNNEL FLOOR DRAIN

GATE VALVE ON VERTICAL

FLOW BALANCING VALVE c/w METERING STAY

BALL VALVE

BUTTERFLY VALVE

BALL VALVE ON VERTICAL

BALANCING VALVE WITH REMOVABLE KEY

ANGLE SAFETY VALVE

SAFETY VALVE

SAFETY VALVE ON VERTICAL

2 WAY CONTROL VALVE - ELECTRIC

3 WAY CONTROL VALVE - ELECTRIC

BACKFLOW PREVENTER

CHECK VALVE

GATE AND CHECK VALVE (COMBINED)

PRESSURE RELIEF VALVE

AUTOMATIC WATER DRIP

MANUAL AIR VENT

SERVICES (PLUMBING / PIPING)

GENERAL

NEW PIPING

DRAINAGE

SANITARY DRAIN ABOVE FLOOR

SANITARY DRAIN UNDER FLOOR

INDIRECT DRAINAGE ABOVE FLOOR

INDIRECT DRAINAGE UNDER FLOOR

VENTS

SANITARY VENT

VENT ON FUEL OIL NETWORK

DOMESTIC WATER

DOMESTIC COLD WATER

DOMESTIC HOT WATER

DOMESTIC RECIRCULATION HOT WATER

HEATING WATER / GLYCOL

GLYCOL HEATING SUPPLY

GLYCOL HEATING RETURN

FIRE PROTECTION

DISTRIBUTION

MULTI-PURPOSE DRY CHEMICAL EXTINGUISHER IN CABINET

MULTI-PURPOSE DRY CHEMICAL EXTINGUISHER ON BRACKET

K-RATED FIRE EXTINGUISHER

FIRE DEPARTMENT CONNECTION / TEST HEADER

PENDENT SPRINKLER - BRASS IN MECHANICAL ROOM AND WHITE IN APPARENT CEILING

CONCEALED SPRINKLER - WHITE

STACKS IDENTIFICATION

SANITARY DRAIN STACK

SANITARY VENT STACK

SCHEMATIC SYMBOLS

MS-1

MOP SINK, TYPE 1

SS-1

SERVICE SINK, TYPE 1

WC-1

WATER CLOSET, TYPE 1

UWC-1

UNIVERSAL ACCESS WATER CLOSET, TYPE 1

USH-1

UNIVERSAL ACCESS SHOWER, TYPE 1

OD-1

OPEN DRAIN, TYPE 1

S-1

SINK, TYPE 1

US-1

UNIVERSAL ACCESS SINK, TYPE 1

L-1

LAVATORY, TYPE 1

UL-1

UNIVERSAL ACCESS LAVATORY, TYPE 1

WCL-1

WHEELCHAIR LIFT

FD-1

VENT OUTLET AT ROOF

FDD-1

FLOOR DRAIN, TYPE 1

FFD-1

FUNNEL FLOOR DRAIN, TYPE 1

DW-1

DISHWASHER

W-1

WASHING MACHINE

VENTILATION

NEW DUCT OR EQUIPMENT

RECTANGULAR SUPPLY DUCT, UPWARD

RECTANGULAR SUPPLY DUCT, DOWNWARD

RECTANGULAR RETURN OR EXHAUST DUCT, UPWARD

RECTANGULAR RETURN OR EXHAUST DUCT, DOWNWARD

DROP ANGLE, RECTANGULAR DUCT

RISE ANGLE, RECTANGULAR DUCT

ROUND DUCT

ROUND DUCT, UPWARD

ROUND DUCT, DOWNWARD

DROP ANGLE, ROUND DUCT

RISE ANGLE, ROUND DUCT

OVAl DUCT, UPWARD

OVAl DUCT, DOWNWARD

RECTANGULAR ELBOW WITH TURNING VANES

CONCENTRIC REDUCER

ECCENTRIC REDUCER

CONCENTRIC REDUCER WITH RECTANGULAR/ROUND TRANSITION

ECCENTRIC REDUCER WITH RECTANGULAR/ROUND TRANSITION

DUCTS CONNECTION, RECTANGULAR

DUCTS CONNECTION, RECTANGULAR TO ROUND

DUCTS CONNECTION c/w ADJUSTABLE DEFLECTOR DAMPER, RECTANGULAR

ROUND TO ROUND 90° TAKE-OFF CONNECTION

ROUND TO ROUND 45° TAKE-OFF CONNECTION

BALANCING DAMPER

MOTORIZED DAMPER, PARALLEL BLADES

MOTORIZED DAMPER, OPPOSED BLADES

FIRE DAMPER

MOTORIZED SMOKE / FIRE DAMPER

BAROMETRIC DAMPER

FRESH AIR INTAKE LOUVER

EXHAUST LOUVER

DRAINING PAN

HUMIDIFIER

FLEXIBLE CONNECTION

CAPPED DUCT

DUCT c/w INSULATION

ACCESS DOOR, UNDER DUCT

ACCESS DOOR, ON DUCT SIDE

FILTER

HEATING COIL

LINEAR DIFFUSER

AIR DIFFUSER, 4 WAYS

AIR DIFFUSER, 1 WAY BLANKED

SUPPLY GRILLE, CEILING MOUNTED

SUPPLY GRILLE, WALL MOUNTED

RETURN OR EXHAUST GRILLE, CEILING MOUNTED

RETURN OR EXHAUST GRILLE, WALL MOUNTED

DOOR OR TRANSFER GRILLE

AUTOMATIC REGULATION

CONTROL WIRING

ANALOG INPUT

ANALOG OUTPUT

BINARY INPUT

BINARY OUTPUT

INTERLOCK (WIRED)

INTERLOCK (PROGRAMMED)

ADJUSTABLE THERMOSTAT

DUCT TEMPERATURE

AVERAGE TEMPERATURE

IMMERSION TEMPERATURE

ROOM TEMPERATURE

RADIANT FLOOR TEMPERATURE SENSOR

DUCT HUMIDITY TRANSMITTER

ROOM HUMIDITY TRANSMITTER

PRESSURE TRANSMITTER

TEMPERATURE SWITCH IN DUCT

LOW LEVEL SWITCH

SWITCH LOW LIMIT WITH MANUAL RESET

ELECTRIC (ON/OFF, ANALOG) THERMOSTAT

AQUASTAT

HIGH LEVEL HUMIDISTAT IN DUCT

DIFFERENTIAL PRESSURE SWITCH MANUAL RESET

DIFFERENTIAL PRESSURE SWITCH

END SWITCH

LOW TEMPERATURE SWITCH

LEAK DETECTOR

ANALOG CURRENT RELAY

CURRENT RELAY

ELECTRIC RELAY

CONTROL PANEL

EQUIPMENT BUILT IN FRONT

EQUIPMENT BUILT IN PANEL

SUPPLIED WITH EQUIPMENT

DIFFERENTIAL PRESSURE INDICATOR

ADJUSTABLE FREQUENCY DRIVE

MAGNETIC CONTACTOR

FAN

DAMPER ACTUATOR

MOTORIZED DAMPER

FILTER

HEATING COIL

MISCELLANEOUS

CONNECTION POINT TO EXISTING

DIFFUSER IDENTIFICATION

EQUIPMENT IDENTIFICATION

AIR FLOW DIRECTION (PRESSURIZATION DIAGRAM)

#300 ROOM IDENTIFICATION

EQUIPMENT SPECIFICATION

EQUIPMENT LISTING

SINGLE SERVICE OUTLET ON COUNTER

LITER / SECOND

COMPLETE WITH

ABBREVIATIONS

MH

MOUNTING HEIGHT

CM

CEILING MOUNTED

NC

NORMALLY CLOSED

NO

NORMALLY OPENED

UP

UP

DN

DOWN

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES

Western Region

SERVICES IMMOBILIERS

Région de l'ouest

PRELIMINARY

NOT FOR CONSTRUCTION

Architects

Architectes

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ISSUED FOR TENDER

2016-03-16

Revision

Description

Date

Client

client

Indigenous and Northern Affairs Canada

Public Works and Gouvernment Services Canada

Project title

Projet

NEW IQALUIT DAYCARE

Designed by

Conçu par

M.B.

Drawn by

Dessiné par

J.F.

Approved by

Approuvé par

M.B.

PWGSC Project Manager

Administrateur de Projets TPSGC

Russell Knister

Drawing title

Titre du dessin

MECHANICAL

LEGEND

Project no./No. du projet

Drawing no./No. du dessin

Revision no.

648139

M001

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2 OF 22

M001 - Legend.dwg