

## GENERAL NOTE:

- UNLESS OTHERWISE STATED, ALL PIPING DIMENSIONS ARE 15Ø

## SPECIFIC NOTES:

- MAIN BOILER CONTROL PANEL c/w FLOOR MOUNTED STEEL SUPPORT. THE SUPPORT AND BRACKETS SHALL BE PAINTED WITH EPOXY PAINT.

## PUMPS AND CIRCULATORS

No.	DESCRIPTION	MOTOR (w)	L/s	HEAD (m)	VOLTAGE	LOCATION / USE	NOTES
HWC-1	CANNED ROTOR PUMP	87	0.19	3.65	120/1/60	MEC. ROOM / HOT WATER CIRCULATOR	1, 2, 3, 4
FPC-1	CANNED ROTOR PUMP	87	0.6	1.5	120/1/60	MEC. ROOM / FREEZE PROTECTION REGULATOR	1, 2, 3, 4

## NOTES:

- PROVIDE A REPLACEMENT PUMP FOR INVENTORY
- c/w CHECK VALVE
- c/w 3 STEP SPEED SELECTOR
- c/w INTEGRAL TEMPERATURE SENSOR WITH START AND STOP CONTROL

## INDIRECT WATER HEATER

No.	DESCRIPTION	MODEL	STORAGE CAPACITY (L)	KW	SUPPLY T °C	ΔT °C	NOTES
HWT-1	INDIRECT FIRED DOMESTIC HOT WATER STORAGE TANK	VERTICAL	300	41	71	11.1	1, 2

## NOTES:

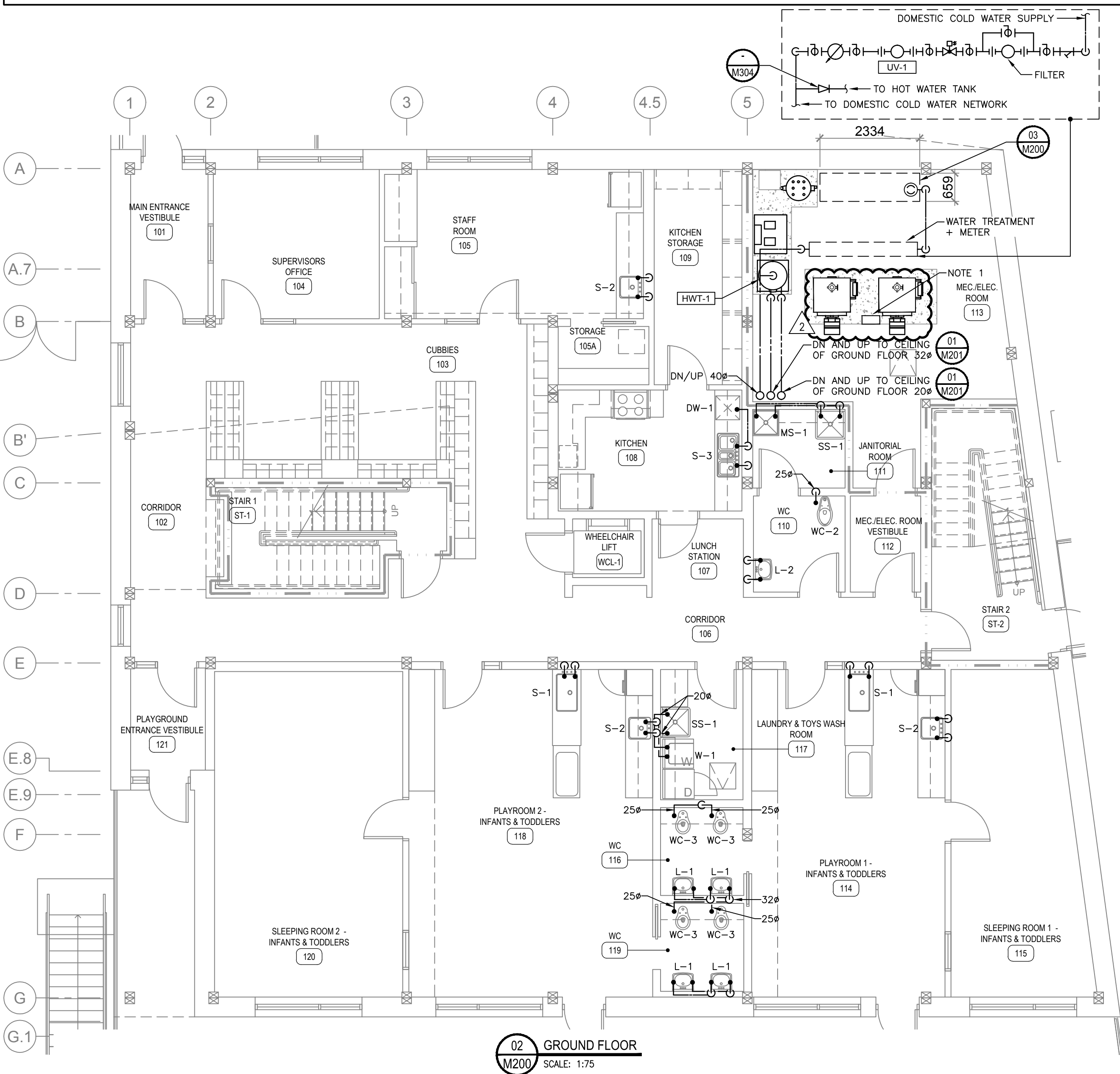
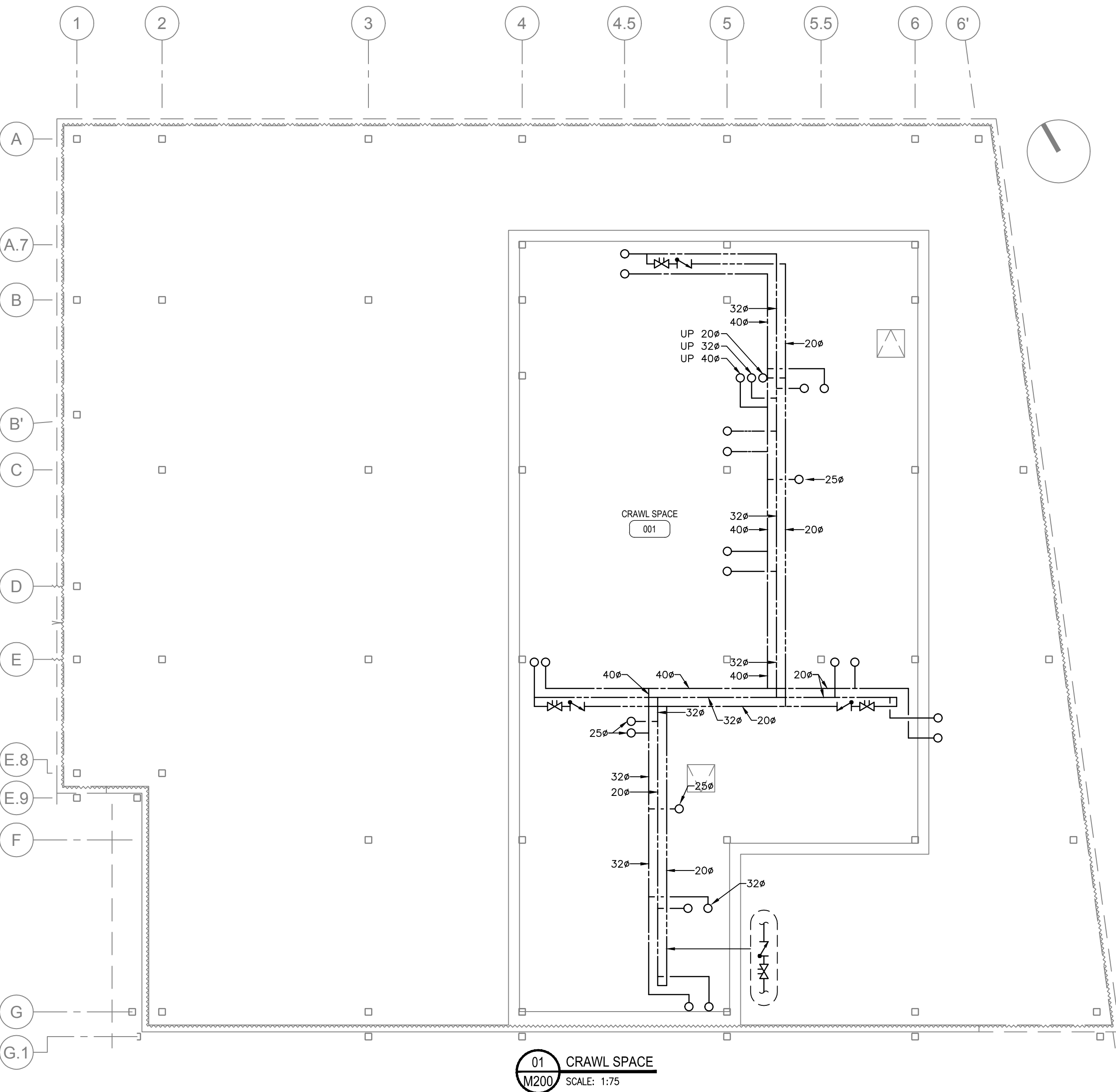
- c/w ALL INSTALLATION ACCESSORIES, AQUASTAT, PRESSURE RELIEF VALVE AND TEMPERATURE WELL
- c/w THERMOSTATIC MIXING VALVE ON DOMESTIC HOT WATER SUPPLY

## THERMAL EXPANSION TANK - DOMESTIC HOT WATER

No.	DESCRIPTION	MAXIMUM T °C	MAXIMUM PRESSURE (BAR)	TANK VOLUME / ACCEPTABLE VOLUME (L)	NOTES
EXP-1	DIAPHRAGM THERMAL EXPANSION TANK	93	8.3	16.6 / 12	1 - 5

## NOTES:

- PRELOADED 85 kPa
- ASME APPROVED STEEL SHELL
- HEAVY DUTY BUTYL DIAPHRAGM
- SS CONNECTIONS
- NSF 61 APPROVED



PRELIMINARY  
NOT FOR CONSTRUCTION

Architects

Architects

EVOO

1435, SAINT-ALEXANDRE STREET, SUITE 1000  
MONTREAL (QUEBEC) H3A 2G4  
T. 514-393-9490 F. 514-393-9498  
info@evoqarchitecture.com

Engineers

Ingénieurs

SNC-LAVALIN  
Infrastructure Engineering  
Eastern Canada

SNC-Lavalin inc.  
455, René-Lévesque Blvd. West  
Montreal (Quebec) H2Z 1Z3 Canada  
Telephone: (514) 393-8000  
www.snc-lavalin.com

Revision	Description	Date
2	ISSUED FOR ADDENDUM NO 3	2016-04-24
1	ISSUED FOR ADDENDUM NO 1	2016-04-12
0	ISSUED FOR TENDER	2016-03-16
Client		client

Indigenous and Northern  
Affairs Canada

Public Works and Gouvernment  
Services Canada

Project title

Projet

NEW IQALUIT DAYCARE

Designed by M.B.	Conçu par
Drawn by J.F.F.	Dessiné par
Approved by M.B.	Approuvé par
PWSSC Project Manager Russell Knister	Administrateur de Projets TFSOC
Drawing title	Titre du dessin

MECHANICAL

PLUMBING  
DOMESTIC WATER DISTRIBUTION

CRAWL SPACE & GROUND FLOOR

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
648139	M200	2
	3 OF 22	