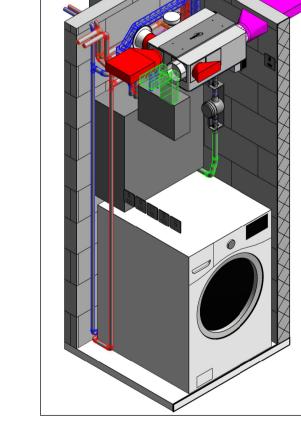




AS PER SPECIFICATION



**KEYPLAN** 

**NOTES** 

1.00 FOR ASSOCIATED HEATING LAYOUTS REFER TO IN2 ENGINEERING M10 SERIES

2.00 ALL PIPEWORK SIZES NOTED REFER TO THE NOMINAL PIPE DIAMETER.

6.00 POSITIONS OF UNDERFLOOR HEATING MANIFOLDS TO BE AGREED.

ELECTRICAL PANEL HEATER

4.00 POSITIONS OF KITCHEN APPLIANCES TO BE CONFIRMED.

TOWEL RADIATOR

ISOLATING VALVE

LOCK SHIELD VALVE

ANCHOR POSITION

PIPE EXPANSION GUIDES

TEMPERATURE SENSOR

HEAT INTERFACE UNIT

HEATING TIME CLOCK

PIPEWORK TEE

ENERGY DISPLAY DEVICE

PIPEWORK IN CEILING VOID

PRIMARY F&R HEATING PIPEWORK

SECONDARY F&R HEATING PIPEWORK

PIPEWORK AT LOW LEVEL EXPOSED

UNDERFLOOR HEATING ZONE 01

UNDERFLOOR HEATING ZONE 02

UNDERFLOOR HEATING ZONE 03 ELECTRIC UNDERFLOOR HEAT MAT

UNDERFLOOR HEATING MANIFOLD

PIPEWORK RISE / DROP FROM ABOVE / BELOW

HEATING SPECIFIED ON SITE.

RAD RADIATOR

CPDR

FODRV

3.00 POSITIONS OF HIU'S, CONTROLS, RADIATORS AND HEATERS TO BE AGREED.

5.00 CONTRACTOR TO VERIFY AND CO-ORDINATE ALL RADIATORS AND UNDERFLOOR

SCHEDULE OF SYMBOLS

CONSTANT PRESSURE DOUBLE REGULATING VALVE

2 PORT PRESSURE INDEPENDENT CONTROL VALVE

FIXED ORIFICE DOUBLE REGULATING VALVE

CENTRAL ELECTRICAL HEATING CONTROLLER

THERMOSTATIC RADIATOR VALVE

DRAWINGS.

TYPICAL UTILITY ROOM DETAIL ILLUSTRATING WALL MOUNTED HEAT INTERFACE UNIT AND ASSOCIATED VALVES AND PIPEWORK. DETAILED COORDINATION BY CONTRACTOR. N.T.S.

**NOTE:** ARCHITECTURAL DRAWING USED FOR COMPILATION OF IN2 DRAWING. ARCHITECTURAL DRAWING REVISION: DATE RECEIVED: 14.06.2019

Electric Radiator Horizontal Panel Radiator Horizontal Panel Radiator Horizontal Panel Radiator Horizontal Panel Radiator
Dual Fuel Towel Radiator
Horizontal Panel Radiator

Horizontal Panel Radiator Horizontal Panel Radiator

Horizontal Panel Radiator Horizontal Panel Radiator Dual Fuel Towel Radiator Dual Fuel Towel Radiator

Horizontal Panel Radiator Horizontal Panel Radiator

Horizontal Panel Radiator Horizontal Panel Radiator Dual Fuel Towel Radiator Horizontal Panel Radiator

Horizontal Panel Radiator
Horizontal Panel Radiator
Horizontal Panel Radiator
Horizontal Panel Radiator
Dual Fuel Towel Radiator

Horizontal Panel Radiator Horizontal Panel Radiator Horizontal Panel Radiator

Horizontal Panel Radiator Horizontal Panel Radiator Horizontal Panel Radiator

Horizontal Panel Radiator
Horizontal Panel Radiator
Horizontal Panel Radiator
Horizontal Panel Radiator
Horizontal Panel Radiator

**ENGINEERING DESIGN PARTNERSHIP** DUBLIN . ATHLONE . BELFAST . LONDON

AS PER SPECIFICATION

AS PER SPECIFICATION

UNDERFLOOR HEATING MANIFOLD

**BELSIZE PARK FIRESTATION** 

AS PER SPECIFICATION

COMMUNAL BOILER

PLATINUM LAND

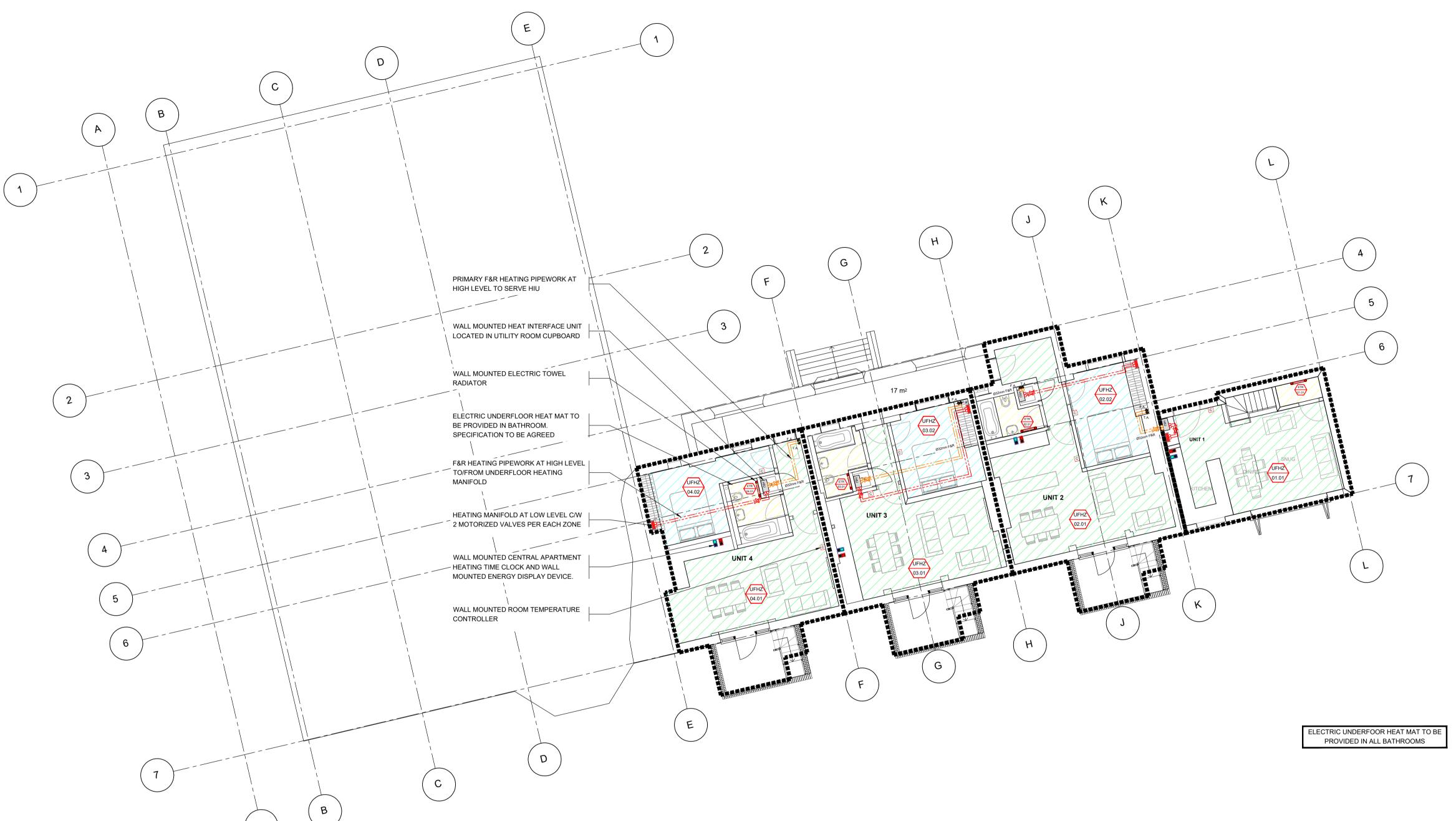
DRAWING TITLE MECHANICAL SERVICES INSTALLATION FIRST FLOOR LEVEL **HEATING SERVICES LAYOUT** 

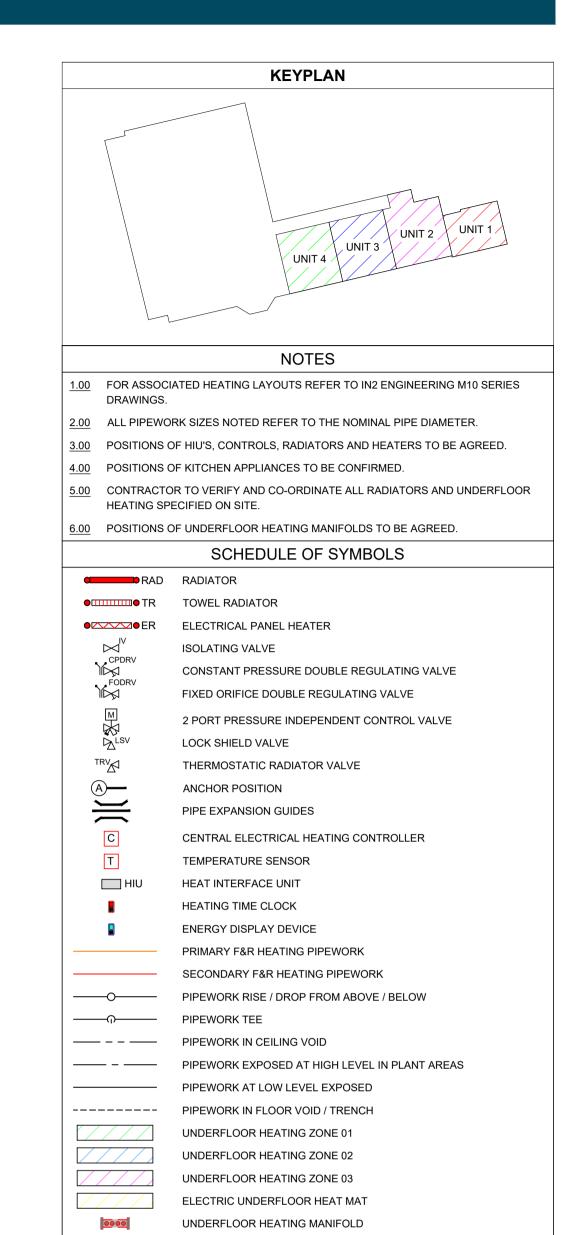
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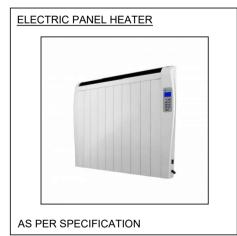
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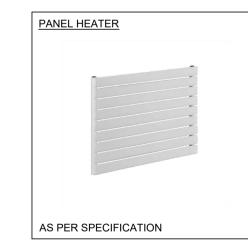
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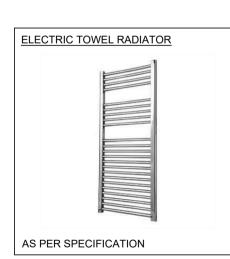
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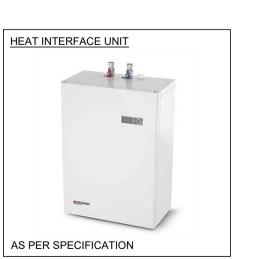


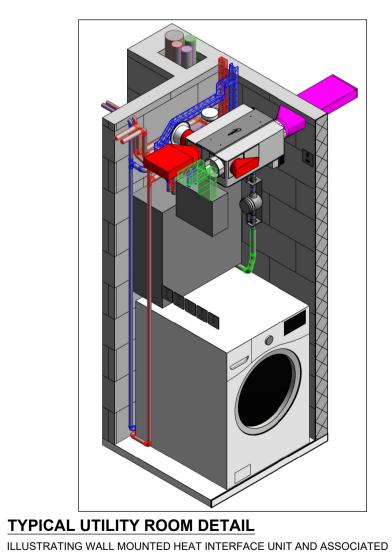










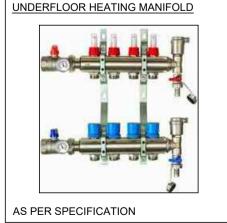


VALVES AND PIPEWORK. DETAILED COORDINATION BY CONTRACTOR.

CCUED	III E OE HEAT EMITTER	P. (Pag		Laval	DART 1 of 1			
SCHEDULE OF HEAT EMITTERS - (Basement Level) - PART 1 of 1 L18051 - BELSIZE PARK FIRESTATION								
No.	Туре	Length (mm)	Depth (mm)	Height (mm)	Heat Output (W)	Conn (mm)	RAL	
1	Electric Towel Radiator	500	75	786	295		TBC	
1	Electric Towel Radiator	600	75	1,866	700		TBC	
1	Electric Towel Radiator	600	75	1,866	700		TBC	
1	Electric Towel Radiator	600	75	1,866	700		TBC	

Hydronic Hydronic Hydronic Hydronic Hydronic Hydronic

5,900 7,040 2,200 6,300 2,500 6,200 2,500





**NOTE:** ARCHITECTURAL DRAWING USED FOR COMPILATION OF IN2 DRAWING. ARCHITECTURAL DRAWING REVISION: DATE RECEIVED: 14.06.2019

02.02 03.01 03.02 04.01

ETR.01.01 ETR.02.01 ETR.03.01

> **ENGINEERING DESIGN PARTNERSHIP** DUBLIN . ATHLONE . BELFAST . LONDON

SCHEDULE OF UNDERFLOOR HEATING - (Basement Level) - PART 1 of 1 L18051 - BELSIZE PARK FIRESTATION

Kitchen / Living Room Unit 2

Bedroom Unit 2
Kitchen / Living Room Unit 3
Bedroom Unit 3
Kitchen / Living Room Unit 4

**BELSIZE PARK FIRESTATION** 

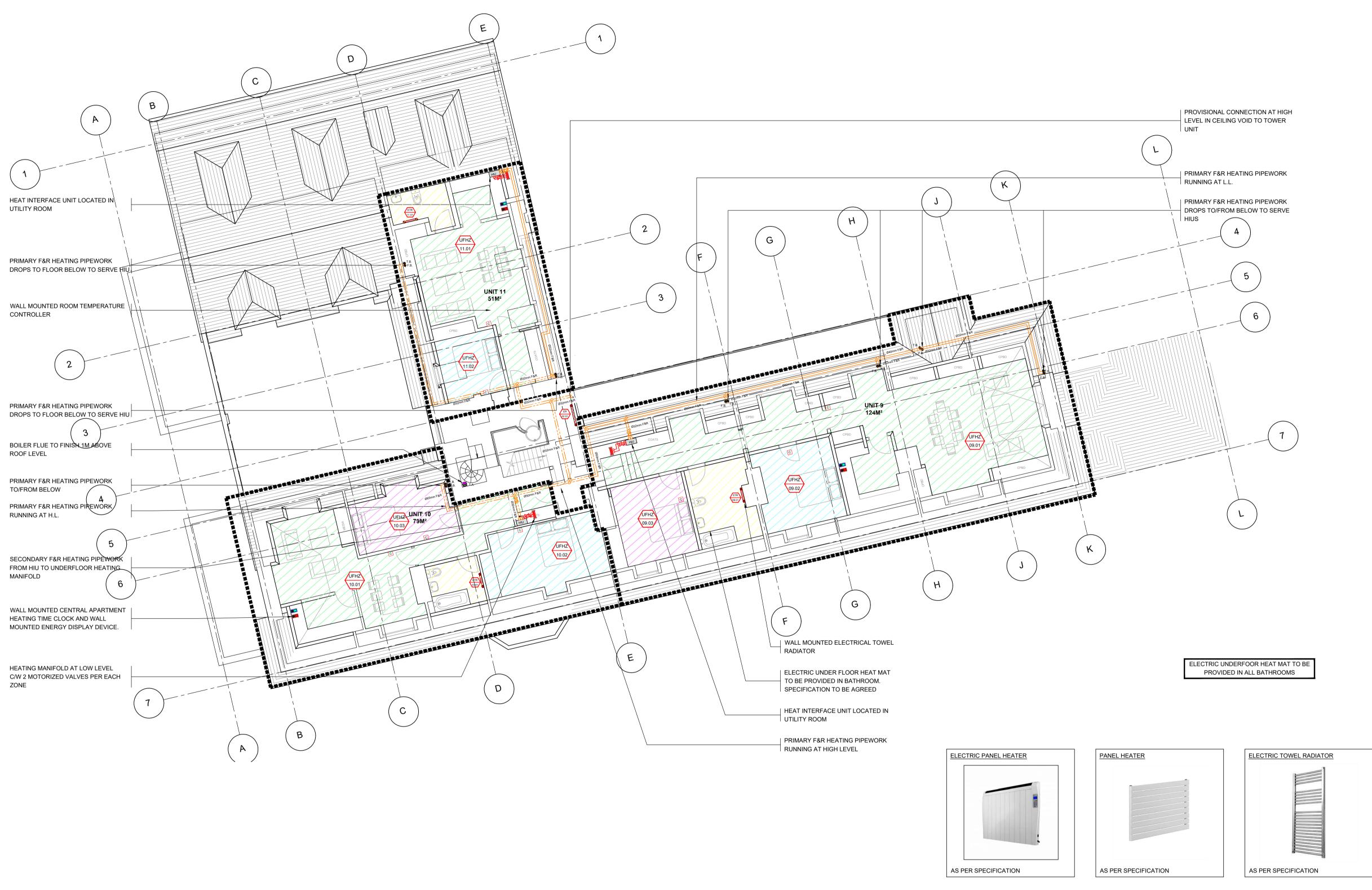
PLATINUM LAND

DRAWING TITLE MECHANICAL SERVICES INSTALLATION BASEMENT LEVEL 1 HEATING SERVICES LAYOUT

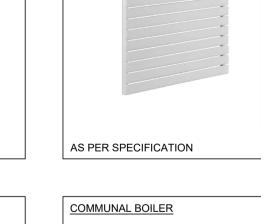
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STATUS DATE

DESCRIPTION

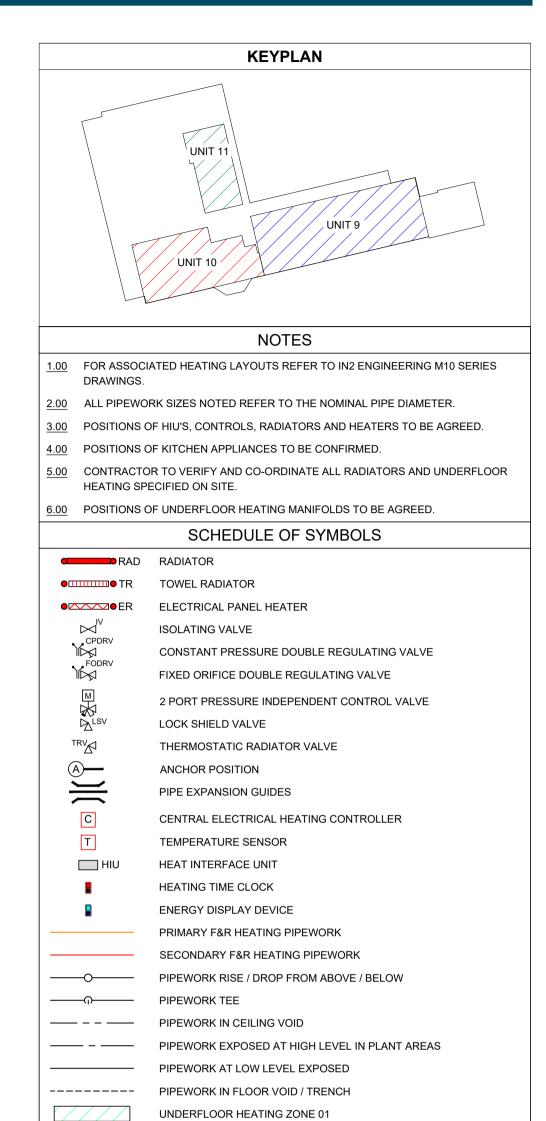


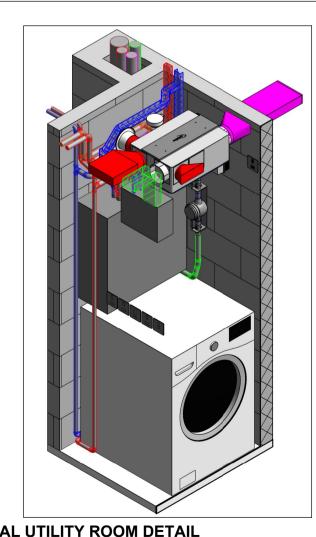












UNDERFLOOR HEATING ZONE 02 UNDERFLOOR HEATING ZONE 03

ELECTRIC UNDERFLOOR HEAT MAT

UNDERFLOOR HEATING MANIFOLD

TYPICAL UTILITY ROOM DETAIL ILLUSTRATING WALL MOUNTED HEAT INTERFACE UNIT AND ASSOCIATED VALVES AND PIPEWORK. DETAILED COORDINATION BY CONTRACTOR. N.T.S.

**NOTE:** ARCHITECTURAL DRAWING USED FOR COMPILATION OF IN2 DRAWING. ARCHITECTURAL DRAWING REVISION: DATE RECEIVED: 14.06.2019



L18051 - BELSIZE PARK FIRESTATION

Electric Towel Radiator 600

DESCRIPTION

DRN ENG APP REV

Electric Towel Radiator 600

Electric Towel Radiator

ETR.09.02

STATUS

**ENGINEERING DESIGN PARTNERSHIP** DUBLIN . ATHLONE . BELFAST . LONDON

**BELSIZE PARK FIRESTATION PLATINUM LAND** 

DRAWING TITLE MECHANICAL SERVICES INSTALLATION SECOND FLOOR LEVEL **HEATING SERVICES LAYOUT** 

SCALE SIZE PROJECT REF: DRAWING No.