

**KEYPLAN**

**NOTES**

- FOR ASSOCIATED WATER SERVICES LAYOUTS REFER TO IN2 ENGINEERING M-30 SERIES DRAWINGS.
- LOCATION OF ALL HEAT INTERFACE UNITS T.B.C
- LOCATION OF METERS T.B.C
- ALL PIPEWORK TO BE COPPER R 250 MATERIAL TEMPER (HALF HARD).
- ALL PIPEWORK SIZES NOTED REFER TO THE NOMINAL PIPE DIAMETER.
- ALL WASH HAND BASINS SHALL BE FITTED WITH TMV3 CERTIFIED ANTI - SCALD VALVES. HORNE OR EQUAL APPROVED.
- ALL VALVES AND FITTINGS TO MATCH 'LINE-SIZE'.
- APPROPRIATE ISOLATING VALVES SHALL BE INSTALLED ON ALL BRANCH LEGS AND ON FINAL CONNECTIONS TO SANITARY WARE.
- ALL 'MIXED' SUPPLIES SHALL HAVE A MAX PIPE LENGTH OF 1m.
- DYNAMIC THERMAL BALANCING VALVES SHALL BE PROVIDED TO THE WATER RETURN CIRCUIT AS INDICATED.
- POSITIONS OF KITCHEN APPLIANCES TO BE CONFIRMED.

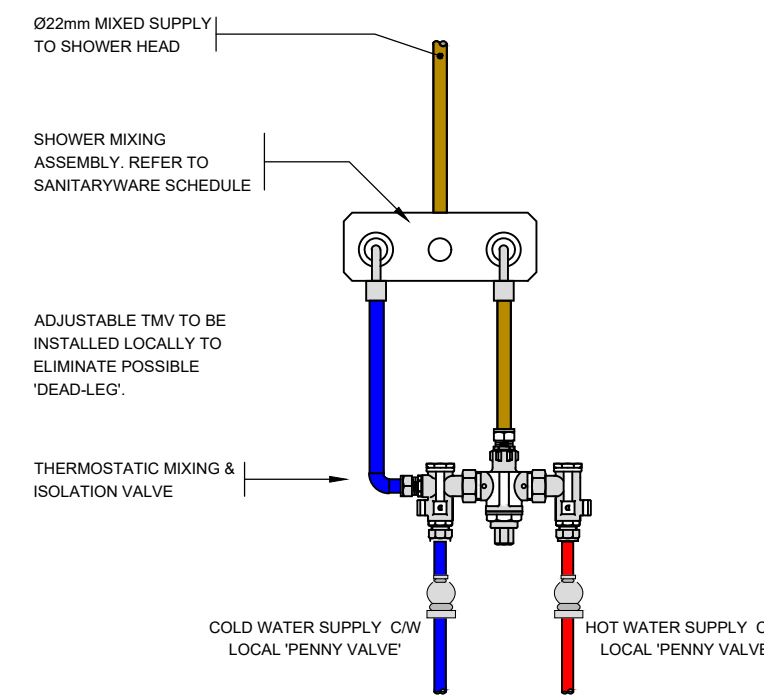
**WATER SERVICES SCHEDULE OF PIPEWORK**

---	PIPEWORK IN CEILING VOID
---	PIPEWORK EXPOSED AT HIGH LEVEL IN PLANT AREAS
---	PIPEWORK AT LOW LEVEL
---	PIPEWORK IN FLOOR VOID / TRENCH
---	COLD WATER SUPPLY (CWS)
---	BOOSTED PRIMARY COLD WATER SUPPLY
---	HOT WATER SUPPLY FLOW (HWSF)
---	MAINS WATER SUPPLY (MWS)

**WATER SERVICES SCHEDULE OF SYMBOLS**

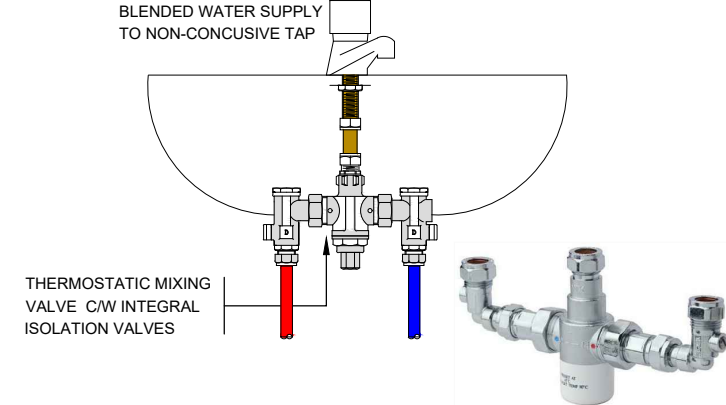
ISOLATING VALVE	DW DISHWASHER
TMV3 THERMOSTATIC MIXING VALVE	WHB WASH HAND BASIN
2-PORT VALVE	BTH BATH
WATER METER	WM WASHING MACHINE
ENERGY DISPLAY DEVICE	SHW SHOWER
HEAT INTERFACE UNIT	WC WATER CLOSET
	SNK SINK

ALL SHOWERS TO BE PROVIDED WITH THERMOSTATIC MIXING VALVE C/W INTEGRAL ISOLATING BALL VALVES, FULL BORE FINE MESH STRAINERS, CHECK VALVES, FLAT FACE UNIONS & A COLD WATER SPUR CONNECTION.



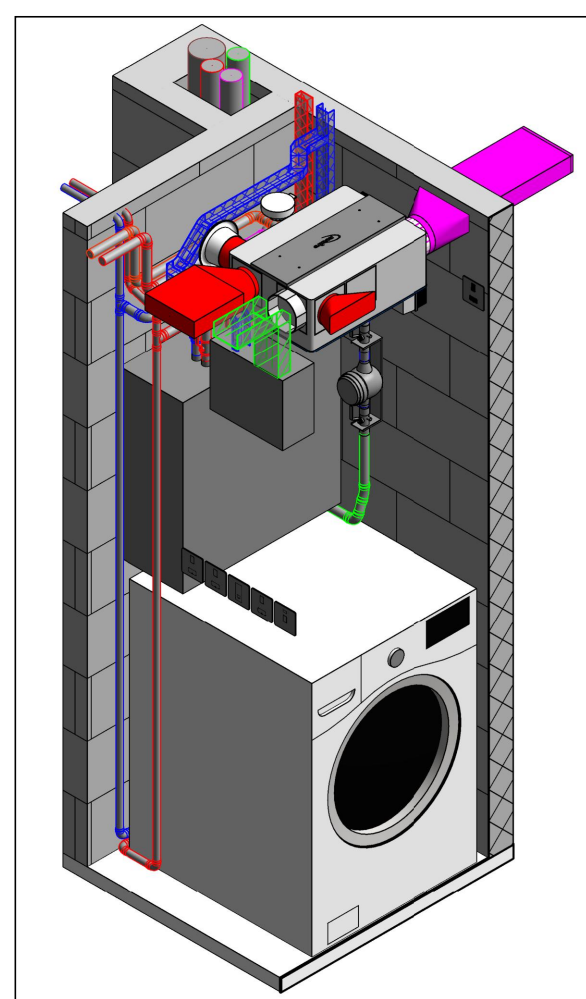
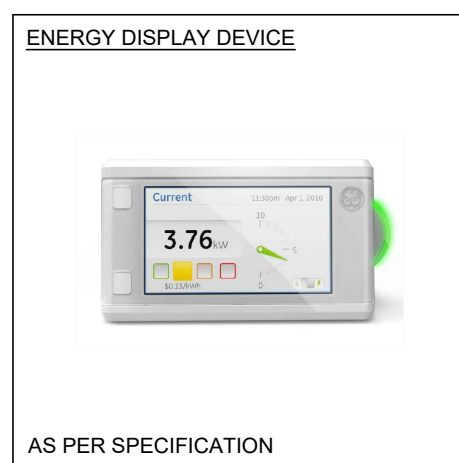
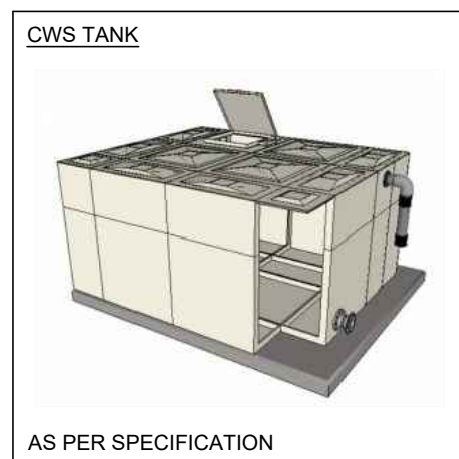
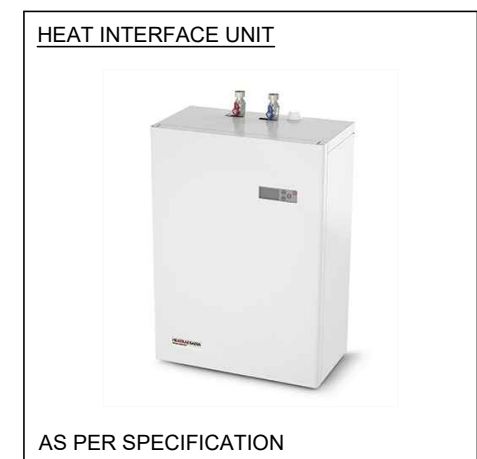
DETAIL M13.02 - SHOWER THERMOSTATIC MIXING VALVE ARRANGEMENT

ALL WASH HAND BASINS TO BE PROVIDED WITH THERMOSTATIC MIXING VALVE C/W INTEGRAL ISOLATING BALL VALVES, FULL BORE FINE MESH STRAINERS, CHECK VALVES, & FLAT FACE UNIONS.



WASH HAND BASINS THERMOSTATIC MIXING VALVE ARRANGEMENT

SCHEDULE OF PIPE SIZES TO WATER SERVICES OUTLETS - Part 1 of 1				
L18051 - BELSIZE PARK FIRESTATION				
Outlet Ref.	Description	Hot Water Services Flow (HWSF)	Cold Water Services (CWS)	
SNK	SINK	Ø15mm	Ø15mm	
WM	WASHING MACHINE	--	Ø15mm	
DW	DISH WASHER	--	Ø15mm	
WHB	WASH HAND BASIN	Ø15mm	Ø15mm	
SHW	SHOWER	Ø15mm	Ø15mm	
WC	WATER CLOSET	--	Ø15mm	



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

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

STATUS	DATE	DESCRIPTION	DRN	ENG	APP	REV
S4	16.09.2019	CONSTRUCTION ISSUE	JDT	IPG	BF	C2
S4	19.06.2019	CONSTRUCTION ISSUE	JDT	IPG	BF	C1