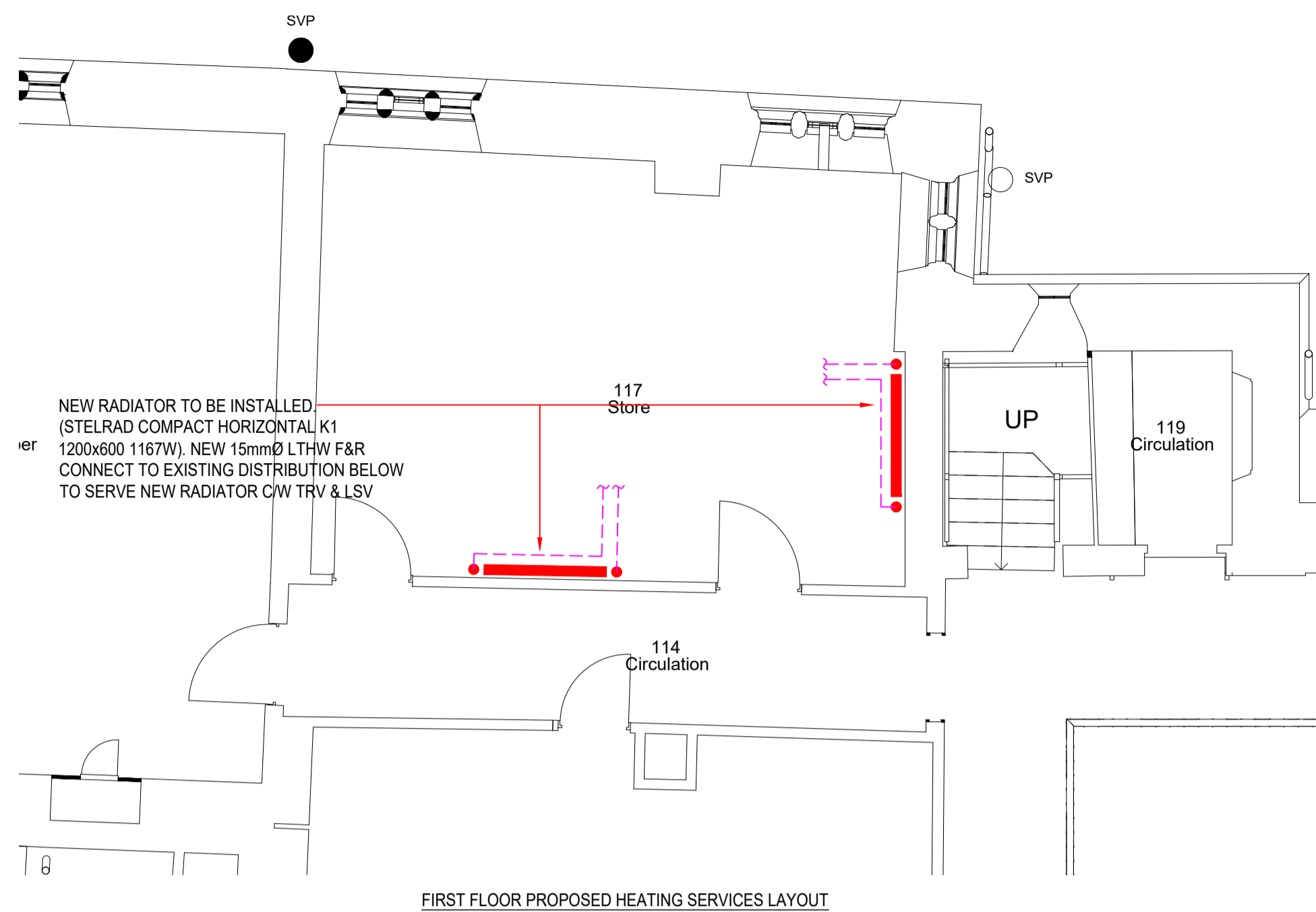


GROUND FLOOR PROPOSED ABOVE GROUND DRAINAGE LAYOUT



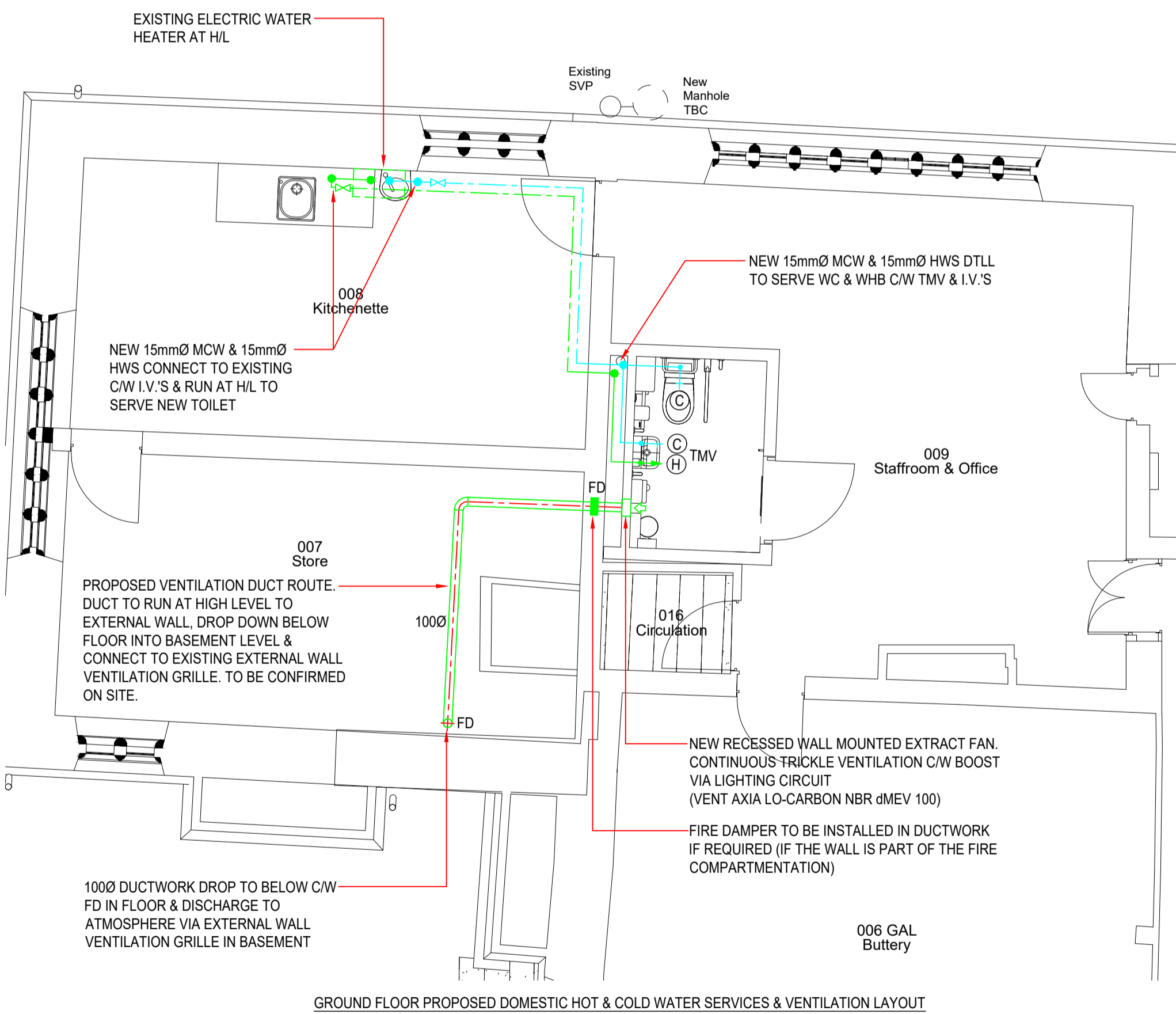
FIRST FLOOR PROPOSED HEATING SERVICES LAYOUT

KEY TO SYMBOLS

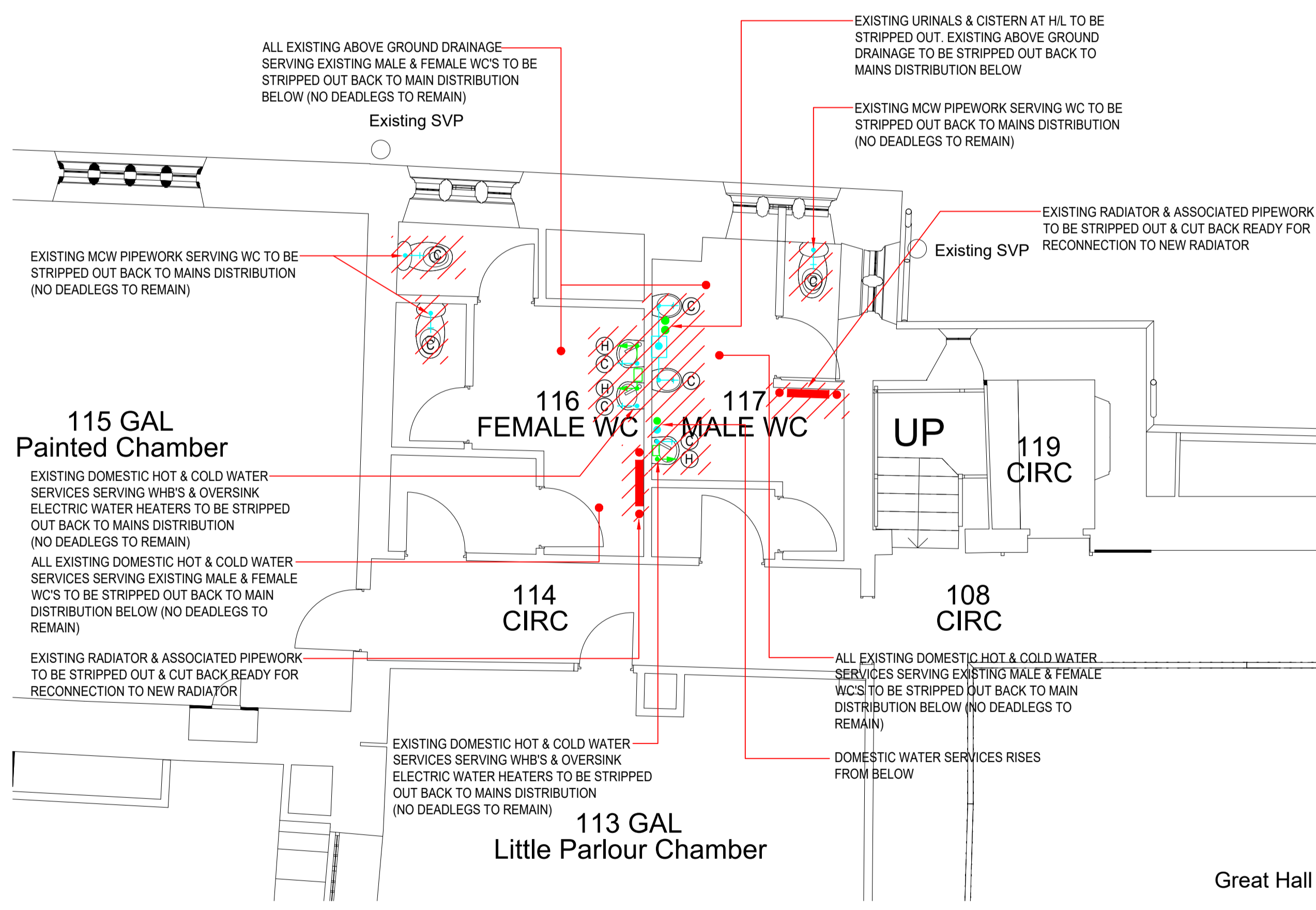
- PIPEWORK IN CEILING VOID/ROOF VOID
- PIPEWORK AT HIGH LEVEL
- PIPEWORK AT LOW LEVEL
- EXISTING PIPEWORK
- ⊗ ISOLATING VALVE (IN VERTICAL)
- ⊗ ISOLATING VALVE (IN HORIZONTAL)
- ⊕ (H) HOT WATER OUTLET
- ⊕ (C) COLD WATER OUTLET
- TMV THERMOSTATIC MIXING VALVE
- STEEL PANEL RADIATOR
- FIRE DAMPER
- AAV DRAINAGE AUTOMATIC AIR ADMITTANCE VALVE
- CE DRAINAGE RODDING EYE
- TRV THERMOSTATIC RADIATOR VALVE
- LSV LOCK SHIELD VALVE

NOTES

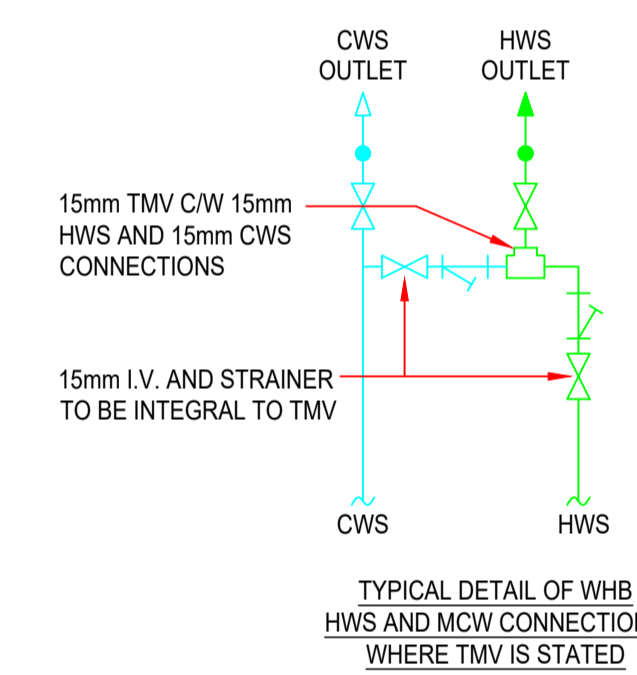
1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT ROUTES OF NEW SERVICES WITHIN EXISTING CEILING VOIDS & ROOF VOIDS. THE SERVICE ROUTES INDICATED ARE INDICATIVE ONLY. THE CONTRACTOR SHALL VISIT SITE PRIOR TO TENDER SUBMISSION TO DETERMINE THE EXTENT OF THE WORKS. NO FURTHER PAYMENTS SHALL BE MADE SHOULD THE CONTRACTOR FAIL TO ASSESS THE TRUE EXTENT OF THE INSTALLATIONS.
2. ALL NEW WATER SERVICES SHALL COMPLY FULLY WITH THE REQUIREMENTS OF THE WATER SUPPLY (WATER FITTINGS) REGULATIONS AND BS 6700.
3. THE INTERNAL DOMESTIC HOT AND COLD WATER SERVICES SHALL BE INSTALLED IN COPPER TUBING TO BS EN 1057 THROUGHOUT.
4. JOINTS TO COPPER PIPEWORK SHALL BE CARRIED OUT USING CAPILLARY FITTINGS, ALL FITTINGS TO BE LEAD FREE, PRE-SOLDER RING.
5. ALL NEW LTHW PIPEWORK SHALL BE INSTALLED IN MILD STEEL IN ACCORDANCE WITH BS EN 10255.
6. ALL NEW LTHW & DOMESTIC WATER SERVICES PIPEWORK SHALL BE INSULATED IN ACCORDANCE WITH BS 5422 AND BS 5970. THE INSULATION SHALL BE KOOL THERM FOIL FACED PHENOLIC FOAM.
7. ALL VALVES, FD'S ETC. SHALL BE FULLY ACCESSIBLE FOR MAINTENANCE PURPOSES.
8. FOLLOWING COMPLETION OF THE LTHW INSTALLATION THE CONTRACTOR SHALL CLEAN, FLUSH, TEST AND RECOMMISSION THE AFFECTED EXISTING LTHW DISTRIBUTION SYSTEM ALONG WITH ALL NEW INSTALLATIONS.
9. FOLLOWING COMPLETION OF THE WATER SERVICES INSTALLATION THE CONTRACTOR SHALL CLEAN, FLUSH, STERILISE, TEST AND COMMISSION THE AFFECTED EXISTING WATER SERVICES DISTRIBUTION ALONG WITH ALL NEW INSTALLATIONS.
10. THE CONTRACTOR SHALL ENSURE THAT FULL PROVISION BE MADE FOR AIR VENTING OF THE SYSTEMS AT ALL HIGH POINTS IN THE PIPEWORK. DRAIN OFF POINTS SHALL BE PROVIDED AT ALL LOW POINTS.



GROUND FLOOR PROPOSED DOMESTIC HOT & COLD WATER SERVICES & VENTILATION LAYOUT



FIRST FLOOR AS EXISTING SERVICES TO BE STRIPPED OUT



ISSUED FOR APPROVAL	21/04/26	JS	RW	RW
Rev	Revision Details	Date	By	Chkd

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Client: Kirklees Council

Project: Oakwell Hall - Fabric Repairs

Drawing Title: Existing & Proposed Mechanical Services Layout

Scale: 1:50@A1 Status: APPROVAL

Drawn By: JS Date: 21/04/26 Checked By: RW Approved By: RW

Drawing No. J26010/M/100

This drawing is not intended to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.