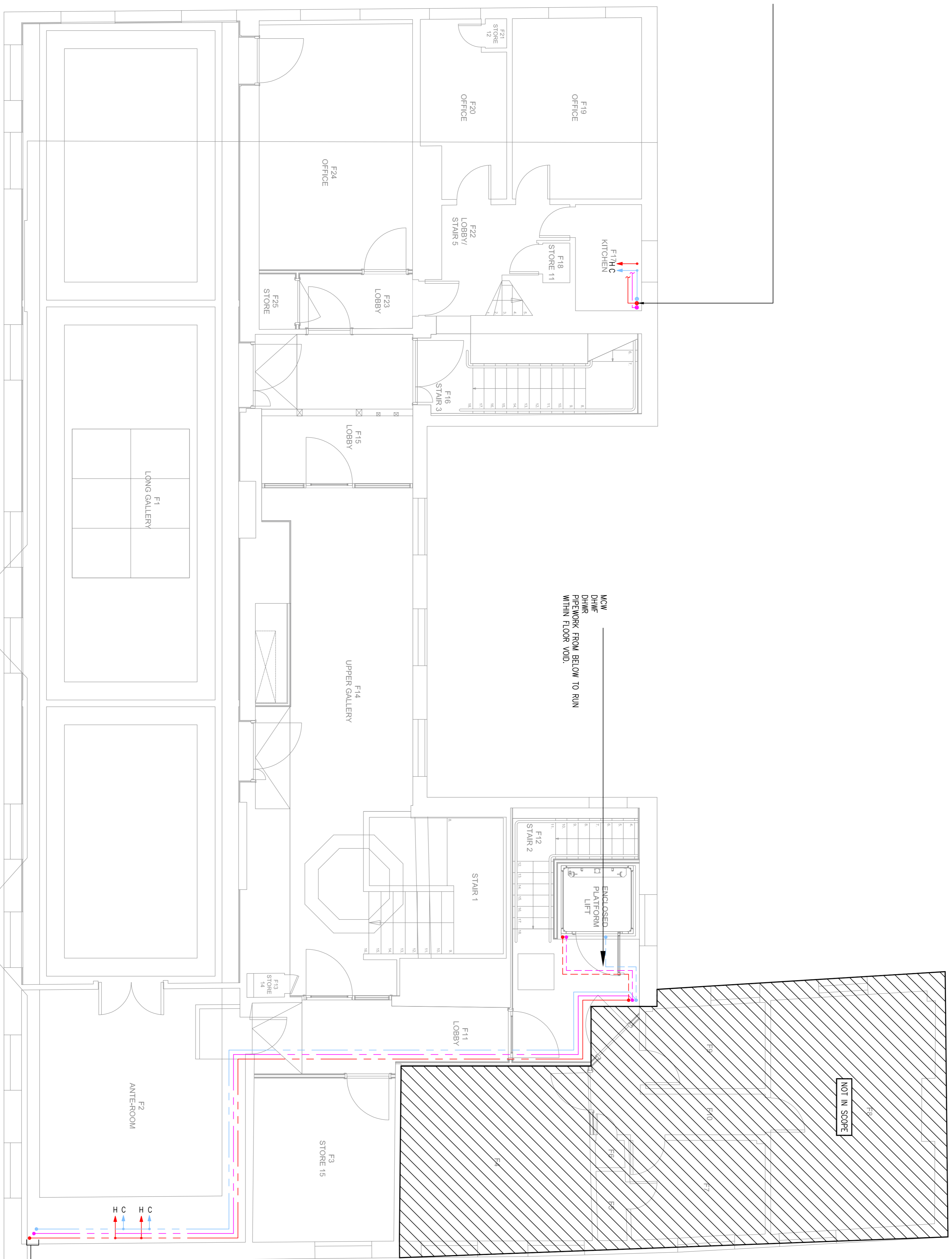


**NOTES (CONT'D)**

18. THE MECHANICAL CONTRACTOR SHALL PROVIDE A PROPRIETARY NOTICE STATING "CAUTION HOT WATER" NEAR TO ALL KITCHEN SINKS & OTHER NON THERMOSTATICALLY REGULATED HOT WATER OUTLET POINTS.
19. ALL NEW HOT AND COLD WATER OUTLETS TO BE C/W AUTOMATIC FLOW LIMITING VALVES AS SHOWN AND ALL VALVES.
20. ALL PEPPERWICK BRANCHES SHALL BE COMPLETE WITH ISOLATION VALVES

**NOTES**

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL SPECIFICATION AND ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.
2. THIS DRAWING IS FOR TENDER PURPOSES ONLY. DETAILED INSTALLATION DRAWINGS MUST BE PROVIDED BY THE MECHANICAL CONTRACTOR IN ACCORDANCE WITH THE SPECIFICATION.
3. ALL NEW PEPPERWICK INSULATION MUST BE PRESSURE TESTED PRIOR TO OPERATION OF THE SYSTEM.
4. ALTHOUGH NOT SHOWN, AT EACH HIGH POINT, AIR VENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MECHANICAL SPECIFICATION.
5. ALTHOUGH NOT SHOWN, AT EACH LOW POINT DRAIN COCKS SHALL BE INSTALLED IN ACCORDANCE WITH THE MECHANICAL SPECIFICATION.
6. ALL PEPPERWICK, WHERE PASSING THROUGH FLOORS OR WALLS, SHALL BE STEVED AND FIRE STOPPED.
7. BRACKETS AND SUPPORTS ARE NOT SHOWN FOR CLARITY. ALL NECESSARY SUPPORTS/BRACKETS FOR PEPPERWICK, VALVES, FLANGES, UNIONS ETC., SHALL BE INCLUDED AS DESCRIBED WITHIN THE MECHANICAL SPECIFICATION.
8. THERMAL INSULATION IS NOT SHOWN FOR CLARITY. ALL NECESSARY THERMAL INSULATION SHALL BE INCLUDED AS DESCRIBED WITHIN THE MECHANICAL SPECIFICATION.
9. THE MECHANICAL CONTRACTOR SHALL INCLUDE FOR ADDITIONAL BRIDS AND OFFSETS SO AS TO ENSURE FULL CO-ORDINATION BETWEEN THE MECHANICAL AND ELECTRICAL SERVICES AND BUILDING STRUCTURE.
10. THE DRAWING SHOWS DESIGN INTENT, AND IS NOT TO BE CONSIDERED AS A CONSTRUCTION DRAWING, AND THEREFORE DOES NOT SHOW ALL BENDS, TEES, SETS, ETC., THAT MAY BE NECESSARY TO LOCATE SERVICES CORRECTLY TO AVOID COLLISIONS AND MAKES CONTRACTOR RESPONSIBLE TO ACCESS THE DRAWING CONTRACTOR IS INTENDED TO BE PROVIDED WITHIN SUCH A COMPLETE AND FULLY CO-ORDINATED LAYOUT.
11. ALL SANITARY FITTINGS SHALL HAVE BALLOONX SERVICE VALVES ON BOTH HOT & COLD WATER CONNECTIONS AND FLOW RESTRICTORS INSTALLED TO EACH OUTLET.
12. UNLESS DETAILED OTHERWISE ON THIS DRAWING ALL HWS RETURN MUST BE WITHIN 3 METRES OF HWS OUTLET (OF WHICH ONLY 2 METRES SHALL BE MIXED).
13. ALL BRANCHES AND SUB BRANCHES SHALL BE COMPLETE WITH ISOLATION VALVES AND WHERE NECESSARY ON THE DISTRIBUTION PEPPERWICK.
14. ALL EXPOSED PEPPERWICK SHALL BE THERMALLY INSULATED AND BOXED IN. ALL BOXING IN SHALL BE UNDERTAKEN BY THE MAIN CONTRACTOR TO AN ARCHITECT'S DETAIL.
15. FINAL LOCATION OF PEPPERWICK DROPS, ETC. ARE TO BE AGREED WITH THE ARCHITECT, INCLUDING PROVISION OF ACCESS PANELS.
16. THE MECHANICAL CONTRACTOR IS TO INCLUDE WITHIN HIS TENDER FOR PROVISION OF PEPPERWICK EXPANSION WAY OF PEPPERWICK OFFSETS, ETC.



MCHWS  
DHWS  
DHWSF  
PEPPERWICK TO RISE FROM  
BELOW TO SERVE KITCHEN  
SINK.

MCHWS  
DHWS  
DHWSF  
PEPPERWICK FROM BELOW TO RUN  
WITHIN FLOOR VOID.

MCHWS,  
HWSF,  
HWSR  
DROPS TO LOW LEVEL TO SERVE

**LEGEND:**

- PEPPERWICK AT LOW LEVEL
- PEPPERWICK AT HIGH LEVEL
- PEPPERWICK AT CEILING VOID
- PEPPERWICK AT FLOOR VOID
- MCHWS - MAIN COLD WATER SERVICES
- HWSF - HOT WATER SERVICES FLOW
- HWSR - HOT WATER SERVICES RETURN

**STATUS**  
**TENDER ISSUE**

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**PROJECT**  
LAUDERDALE HOUSE TRANSFORMED  
WATERLOO PARK  
GREATER LONDON

**DRAWING TITLE**  
MECHANICAL SERVICES  
DOMESTIC WATER LAYOUT  
FIRST FLOOR

**SCALE** 1:50 (A1) **DATE** 2015 **BY** AL GF **TC**

**DRAWING NUMBER** 10326/M/302 **REV** T1  
FILE: 10326-M-302 (REVISED) (01)