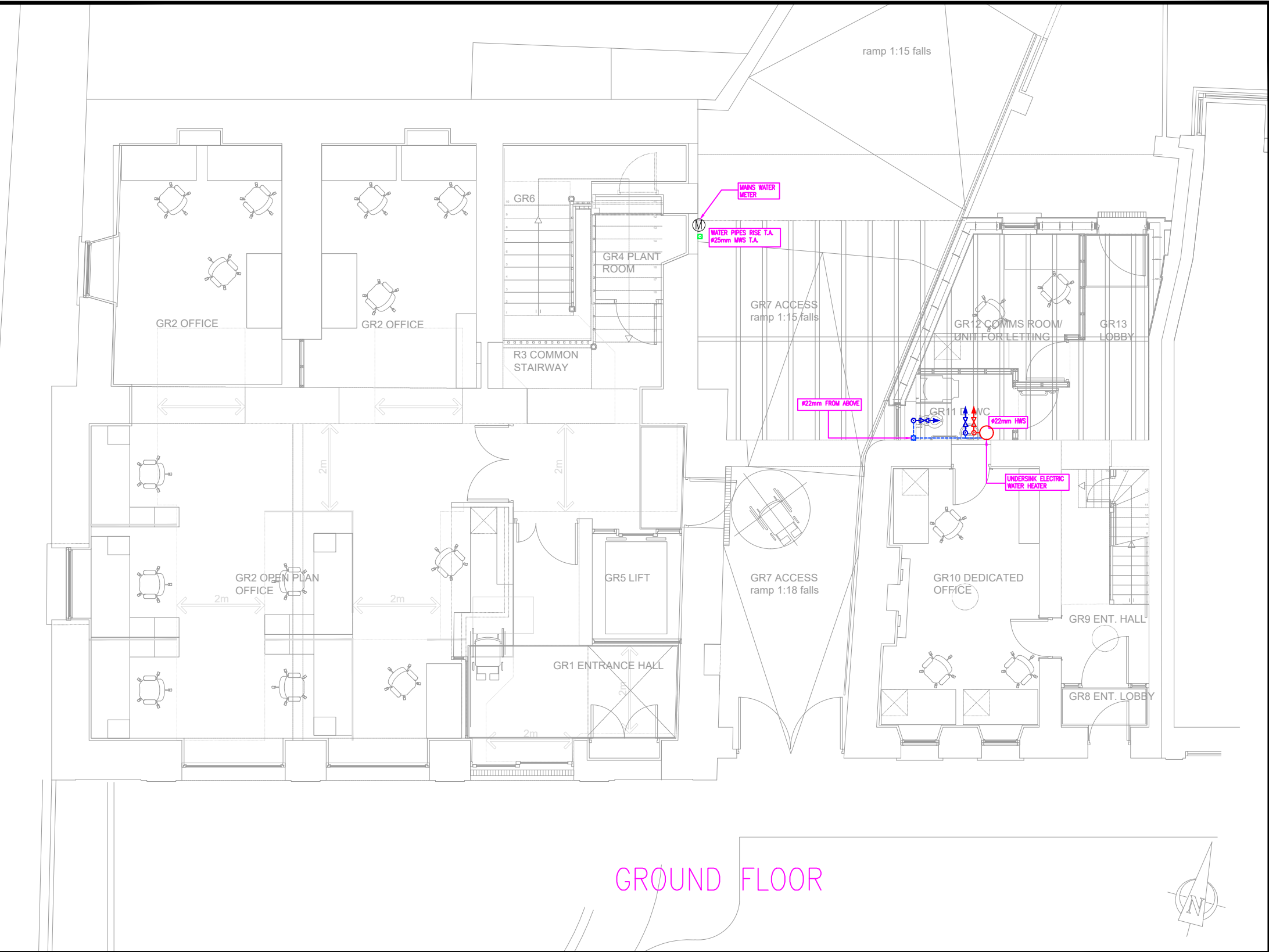
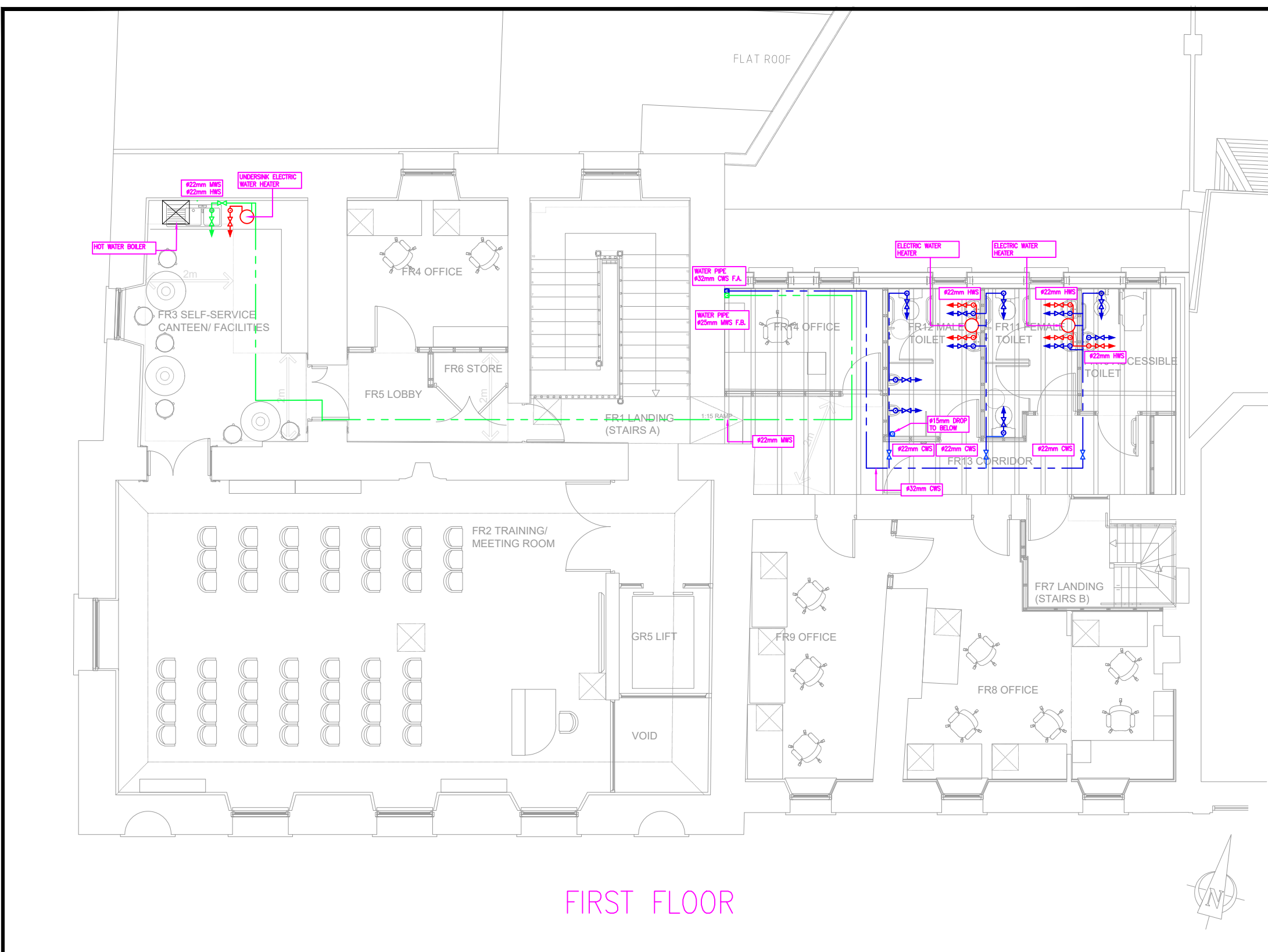




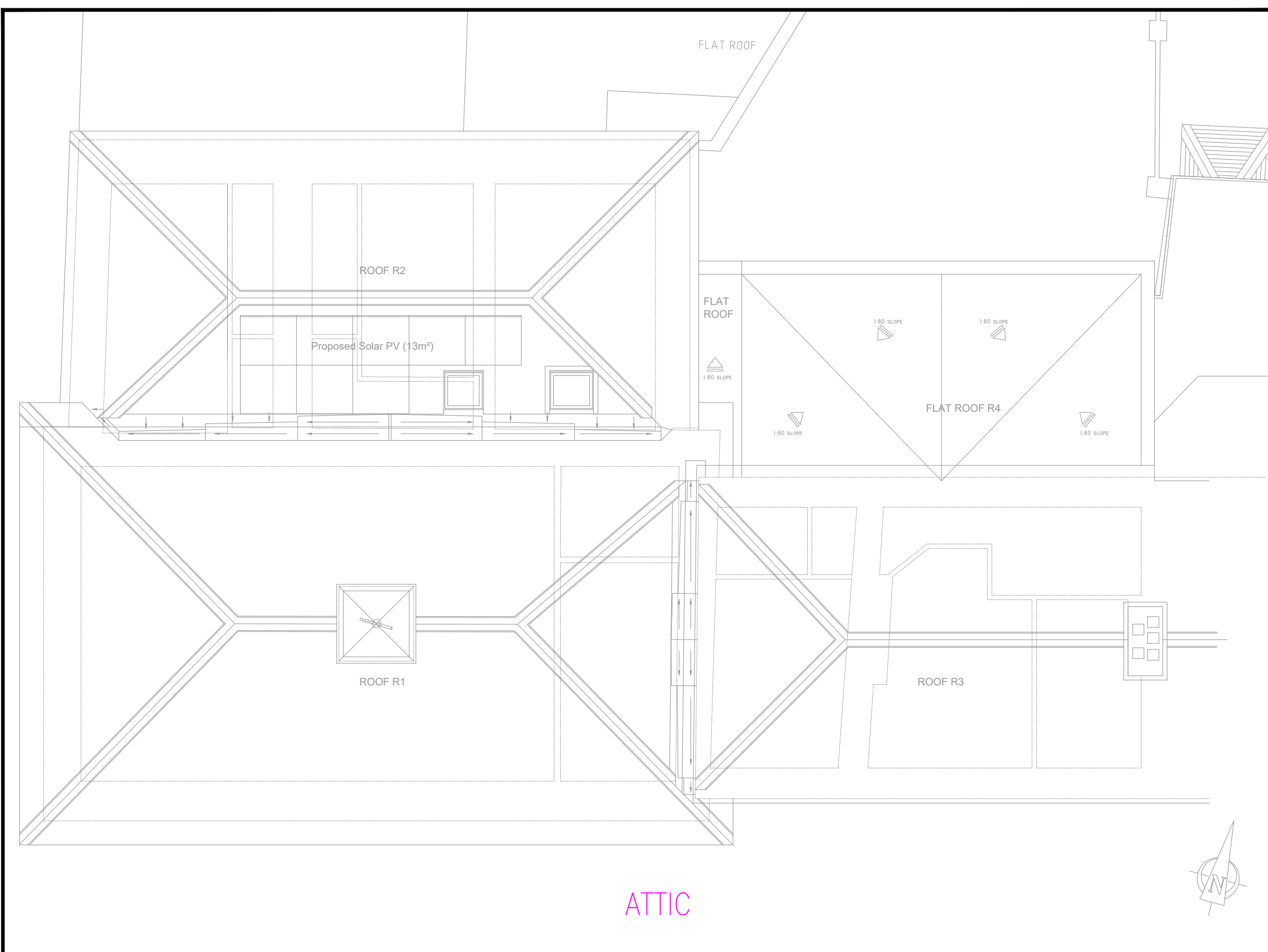
GROUND FLOOR



FIRST FLOOR



SECOND FLOOR

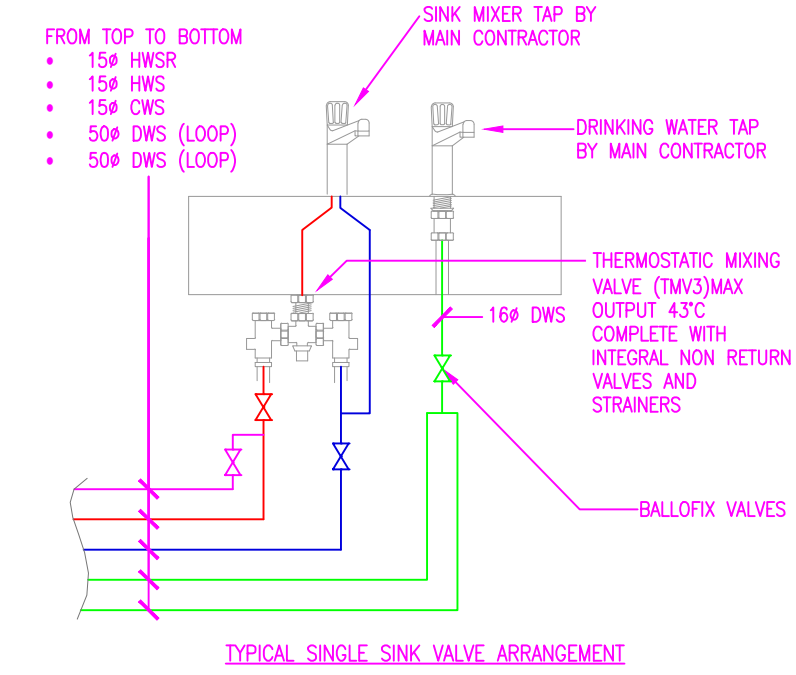
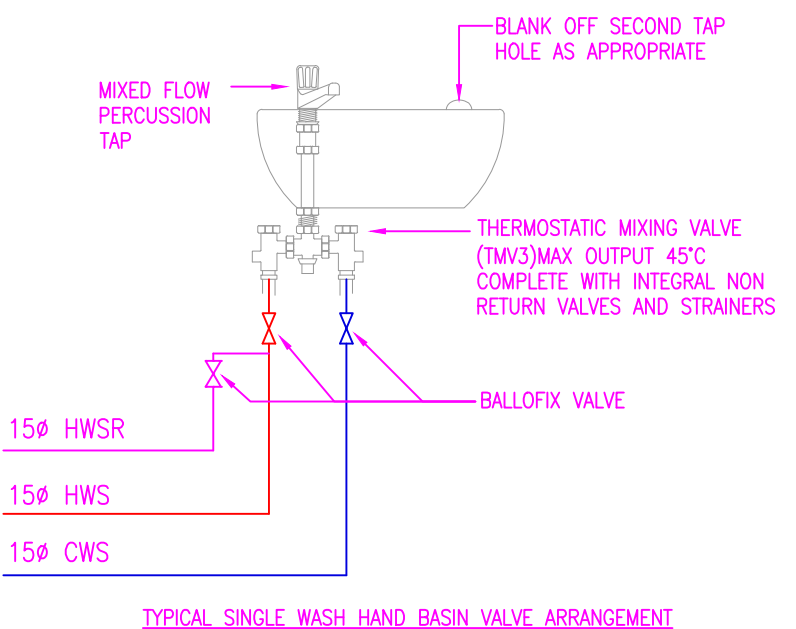


ATTIC

LEGEND:

- PIPE RUNNING AT LOW LEVEL
- PIPE RUNNING IN CEILING VOID
- PIPE RUNNING AT HIGH EXPOSED LEVEL
- PIPE RUNNING BELOW GROUND/FLOOR LEVEL
- HOT WATER DRAW OFF POINT
- HOT WATER RETURN DRAW OFF POINT
- COLD WATER DRAW OFF POINT
- MAINS WATER DRAW OFF POINT
- RAIN WATER DRAW OFF POINT
- THERMOSTATIC SHOWER WATER MIXING VALVE, TOP CONNECTIONS AND INTEGRAL CHECK VALVES AND STRAINERS C/W ADJUSTABLE SHOWER HEAD.
- THERMOSTATIC BLENDING VALVE (TVM3) MAX OUTPUT TEMP - 43° COMPLETE WITH INTEGRAL NON-RETURN VALVES & STRAINERS
- PIPEWORK RISE / DROP
- ISOLATION VALVE
- COMMISSIONING VALVE SET
- D.T.L.L.
- T.A. / T.B.
- F.A. / F.B.
- CWS
- HWS
- HWSR
- RWS
- MWS
- DWS

- NOTES:**
- THE CONTRACTOR IS TO ALLOW FOR EACH MWS, RWS, CWS AND HWS OUTLET TO BE VALVED.
 - ALL MAIN BRANCHES ARE TO BE VALVED. ALL VALVES ARE TO BE LOCATED IN AN ACCESSIBLE LOCATION.
 - Ø15 CWS AND HWS TO EACH WASH HAND BASIN.
 - Ø15 RWS TO EACH WC.
 - Ø22 HWS AND CWS TO EACH SHOWER MIXING VALVE.
 - Ø22 CWS AND HWS TO EACH BELFAST SINK.
 - Ø16 DWS TO EACH SINK.
 - Ø16 DWS TO WATER BOILER.
 - Ø22 MWS TO EACH PRESSURISATION UNIT.
 - Ø15 MWS AND HWS TO EACH WASHING MACHINE.
 - THE CONTRACTOR SHALL ENSURE THE DRINKING WATER (DWS) INSTALLATION SHALL BE NON METALLIC I.E NO COPPER/BRASS FITTINGS.
 - NOTE DIMENSIONS OF (DWS) PIPEWORK TO BE TAKEN AS INSIDE DIAMETER (ID).
 - FORMAT 30 STORAGE TANKS AND RAIN WATER TO BE SUPPLIED BY TRICEL (KILLARNEY), OR EQUAL AND APPROVED.
 - ALL PIPEWORK ROUTES TO BE AGREED ON SITE WITH ARCHITECT AND SERVICES CONSULTANT PRIOR TO INSTALLATION.
 - ALL HOT WATER OUTLETS TO BE FITTED WITH THERMOSTATIC BLENDING VALVES. (LIMITED AT 43°) GROUPING AT OUTLETS TO BE FITTED BLENDING VALVES ARE TO BE AGREED WITH SERVICES CONSULTANT PRIOR TO INSTALLATION EG. WHB'S.



NOTES:

GENERAL NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, C&S ENGINEERS DRAWINGS & SPECIFICATIONS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BUILDING REGULATIONS.
- DO NOT SCALE - WORK TO FIGURE DIMENSIONS ONLY.

Logos:

- IHEEM
- Qualitas Veritas ISO 9001-2015
- ENGINEERS IRELAND cpd ACCREDITED COMPANY

Issue register

Rev.	Date	Description	Rev.	Chkd.	Appvd.
T1	06/03/26	TENDER	PP	PP	PP
T1	01/04/26	TENDER UPDATED	PP	PP	PP

Client: TIPPERARY COUNTY COUNCIL

Job Description: CAHIR DIGITAL HUB

Status: TENDER

Drawing Title: WATER SERVICES LAYOUT

Project No: 21ME006 **Drawing Ref:** M-300 **Rev:** T1

Date: 06/03/26 **Scale:** 1:100 @ A1 (1:200@A3)

Drawn By: AH **Checked By:** PP **Approved By:** PP

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