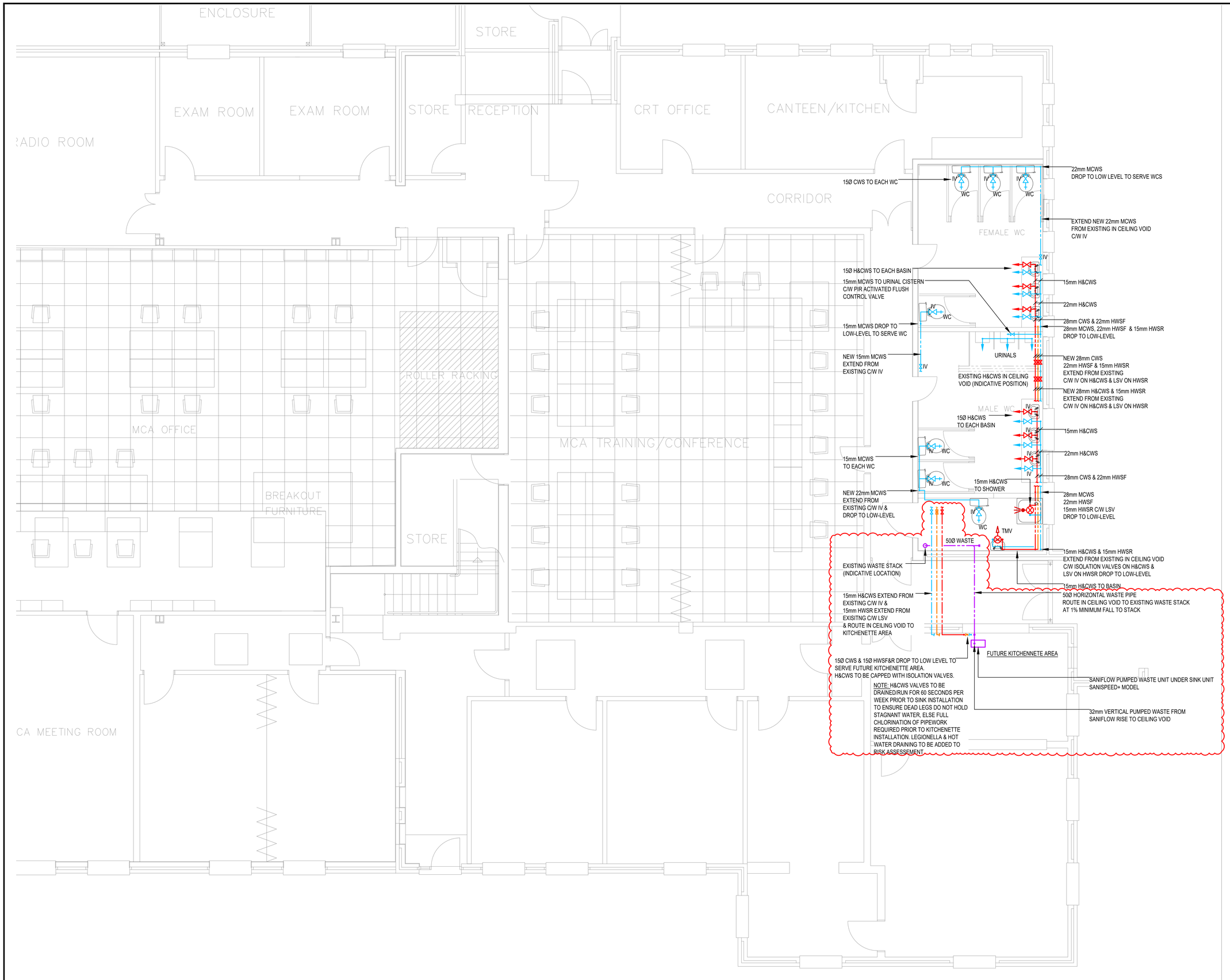


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This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

**DESIGNERS RISK ASSESSMENT**

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

**DRAWING BACKGROUND(S):**

ARCHITECTS: CROSBY_CAD FILE NOVEMBER 2018_JB

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACT DOCUMENTATION AND SPECIFICATION ASSOCIATED WITH THE WORKS
2. DO NOT SCALE FROM THIS DRAWING.
3. ALL DIMENSIONS IN mm
4. ALL PIPE FITTINGS AND EQUIPMENT TO BE WRAS APPROVED
5. ALL PIPEWORK TO BE THERMALLY INSULATED
6. FIT DOC'S AT ALL LOW POINTS
7. FIT AIR VENTS AT ALL HIGH POINTS
8. HOT WATER TO REACH OUTLETS WITHIN 30 SECONDS.
9. ALL FINAL CONNECTIONS AND BRANCHES ARE TO BE 15mm UNLESS OTHERWISE SHOWN.
10. INDIVIDUAL 'BALLOFIX' TYPE ISOLATION PROVIDED TO EACH SANITARY APPLIANCE.
11. ALL INSULATED PIPEWORK SHOULD BE IDENTIFIED AS TO TYPE OF SERVICE AND DIRECTION OF FLOW. BAND DETAILS AND COLOURS SHOULD COMPLY WITH BS1710 AND 4800.
12. THIS INSTALLATION IS TO COMPLY WITH BS EN 806 AND THE LATEST EDITION OF THE LOCAL WATER BYELAWS.

**LEGEND**

| | |
|---|---|
| | PIPEWORK IN CEILING VOID |
| | PIPEWORK AT HIGH LEVEL |
| | PIPEWORK AT LOW LEVEL |
| | PIPEWORK BELOW FLOOR |
| | RISER POSITION |
| | TAP OUTLET |
| | CISTERN OUTLET |
| | THERMOSTATIC MIXING SHOWER |
| TMV | THERMOSTATIC MIXING BASIN |
| IV | ISOLATION VALVE |
| LSV | LOCKSHIELD VALVE |
| TCWS | TANK COLD WATER SERVICE |
| CWS | COLD WATER SERVICE |
| HWS-F | DOMESTIC HOT WATER - FLOW |
| HWS-R | DOMESTIC HOT WATER - RETURN |
| IV | ISOLATION VALVE |
| PRV | PRESSURE REDUCING VALVE |
| STR | STRAINER |
| TMV | THERMOSTATIC MIXING VALVE |

| Rev | Date | Description | Eng | Chk |
|---|---|---|---|---|
| T2 | 11.01.19 | WATER & DRAINAGE PROVISION ADDED FOR KITCHENETTE AREA | SP | AM |
| T1 | 20.12.18 | TENDER ISSUE | SP | AM |

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Client

mca
Maritime and Coastguard Agency

Project

HM COASTGUARD
HALL ROAD WEST
CROSBY
LIVERPOOL L23 8SY

Drawing Title

PROPOSED GROUND FLOOR MECHANICAL SERVICES

Status

PRELIMINARY

| Project No. | Drawn | Scale / Paper Size |
|---|---|---|
| 1752 | MJF | 1:50 @ A1 |

Drawing No. 1752-GF-5301 Rev T2