



1. This drawing is for tendering purposes only and shall be read in conjunction with the accompanying technical specification and all associated project related drawings and documentation.
2. All work shall comply with all relevant British & European Standards; BS Codes of Practices; Local Regulations and Byelaws applicable to the installation.
3. It shall be the responsibility of the M&E Contractor to carry out a thorough survey of the building to acquaint himself with the full extent of the work and to produce the necessary drawings for approval prior to commencement of the installation.
4. The M&E Contractor shall be solely responsible to liaise and co-ordinate his work and installation with the works and activities of other trades.
5. All drainage work to be carried out in accordance with BS 8301, BS 8005 and the building regulations.
6. For all types of rain water and foul water outlets, refer to the architect's drawings.
7. Surface water drains shall be either H.D.P.E. rigid drain twinwall carrier pipe by "POLYPIPE PLC" (or similar approved) to BS EN 12451 P.C.C. pipes to BS S 911 (P.100) or vitrified clay to BS S6.
8. Foul water drains shall be either P.P.R. pipework by "POLYPIPE PLC" (or similar approved) to BS EN 1401-01 or vitrified clay to BS EN 12451.
9. All GRP underground tanks are to be bedded on and encased in 225mm C30 20mm Agg. Concrete strictly in accordance with the manufacturer's instructions.
10. All manhole and inspection chamber covers, frames in trafficked areas shall comply to either BS D497 "1 Tonne heavy duty covers to M460, or B.S. EN 124 Grade 4A40 (1.5 Tonne weight covers to M460) inspection chamber covers in paving/landscapes to be Grade B125
11. For drainage construction and pipe bed details refer to drawing No. D-700.
12. All drainage branches to be 110mm for foul water & 150mm For surface water unless marked otherwise. All soil & vent stacks to all floor gutters access 150mm above ground floor slab level with a minimum access height of 150mm.
13. All floor outlets to be trapped & roddable and to be a waste type gully for internal usage.
14. All drainage channels to have rodding access at ends of runs & be able to be accessed by concrete surround to manufacturers details.
15. All shallow drains (<900mm cover) and drainage below floor slab to be incased in min 150mm concrete surround.
16. All concrete surrounds for the drainage to be class C2/25 (sulphate resistant).
17. Cavity drainage details subject to Architect's detailed drawings.
18. All Service Penetrations through walls & floors shall be suitably sealed, sealed and fire stopped in accordance with Building Regulation Part B requirements.
19. All pipework supports, hangers and anchors required to support and control the movement of the various pipes shall be supplied and installed by the contractor.
20. Plugs shall be used during the course of the contract to prevent dirt getting into the pipes. Should a stoppage occur due to this cause, the trouble shall be rectified at the Contractor's expense. The installation shall be thoroughly flushed clean before commissioning.
21. The contractor shall ensure that the work is protected during and after the completion of the work to prevent the entry of foreign matter into the system during construction.
22. The contractor shall be liable for connecting up to every fixture throughout the building.
23. The contractor will be responsible for submitting the following certificates when the installation is complete of entire installation.
  - i) Certificate or statement of completion of entire installation
  - ii) Soil pipe and trap test certificates
  - iii) Certificate or statement of compliance with building regulations requirements of the local authorities.

Project

24 CHURCH ROW HAMPSTEAD LONDON

Architect:

CASSON CONDER PARTNERSHIP

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Drawing Title

## LOWER GROUND FLOOR M&E PROPOSALS

Scale: 1:50 @ A1

Date: 22.02.16

Drawing Number:  
16.0622 - M - 102

Drawing Status:

PRELIMINARY ISSUE

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All dimensions to be verified on site. Figured dimensions to be taken in preference to those scaled.

This is a general arrangement drawing only. Manufacturers must adhere to manufacturer details to be approved by client prior to construction. Client is responsible for suitability of materials, fixings and manufacturing techniques.

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