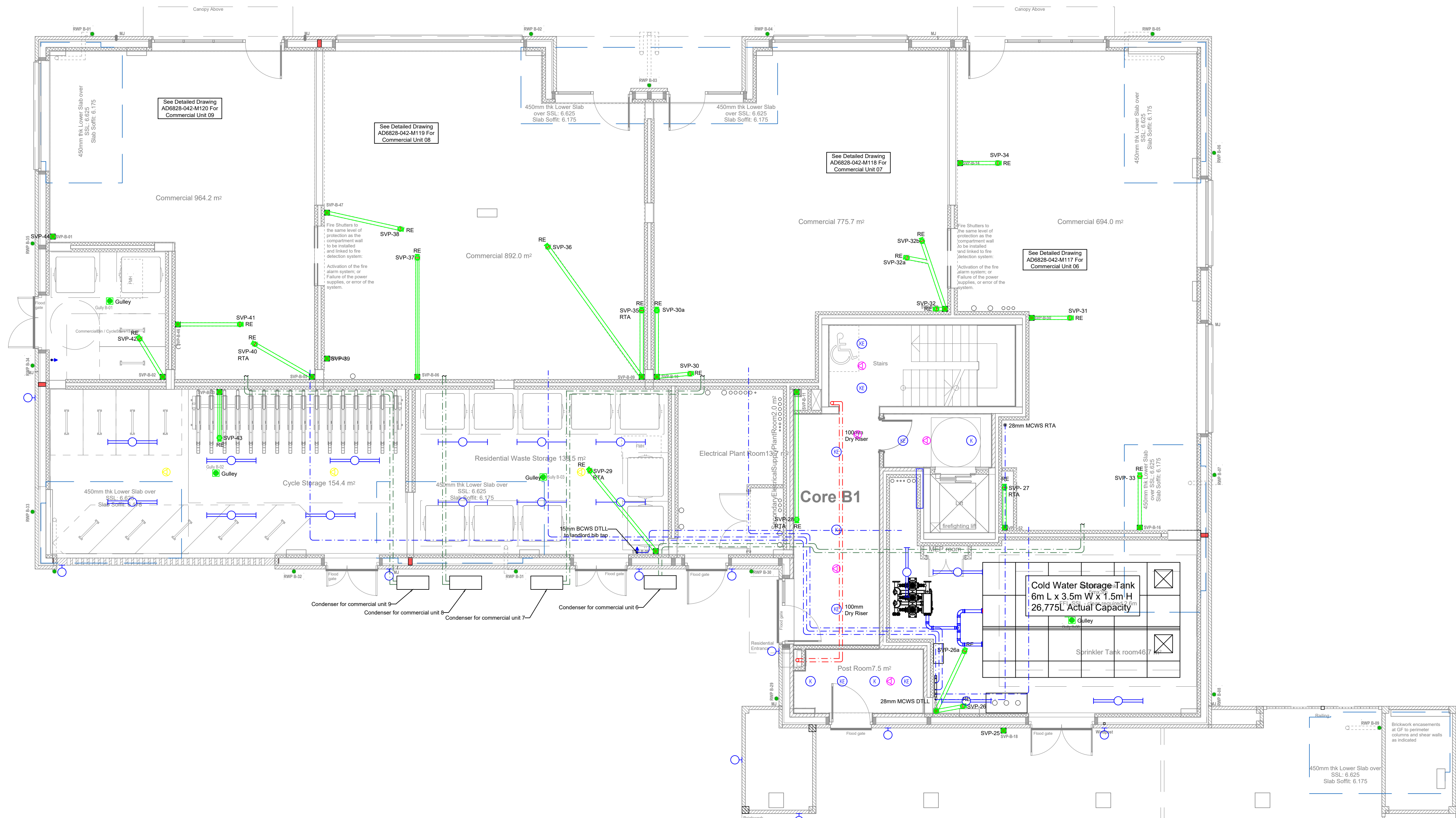


BSR 77



Above Ground Drainage Notes:

- The drainage system shall be designed to all current British Standards, CIBSE Guides and good practice.
- The system shall be ventilated to atmosphere. A ventilating pipe shall be provided at or near the head of each main drain and as indicated on the drawings. Stub stacks shall be provided to each ground floor system where indicated.
- All sanitary pipework shall be in accordance with Plumbing Institute Design Guide, and Code of Practice for sanitary pipework - BS 5572:1994.
- Minimum trap sizes and depths shall be as follows:-
 - WHB - 320mm trap - 75mm seal.
 - SINKS - 420mm trap - 75mm seal.
 - WC PAN - 1100mm trap 50mm seal.
 - SHOWER - 42mmØ trap - 40mm seal
- Unless otherwise indicated, branch pipe sizes to be:
 - WHB - 32mmØ
 - WC - 110mmØ
 - SINK - 42mmØ
 - SHOWER - 42mmØ
- All branch connections shall be in accordance with Plumbing Institute Design Guide, Approved Document H1.
- Air admittance valves shall not be used except where natural ventilation is deemed not possible.
- All (main drain) vent pipes shall be grouped where possible and terminated to atmosphere via an agreed architectural detail.
- The sanitary pipework installation shall comply with the requirements of the Building Regulations Approved Document H1 & The recommendations outlined in BS EN 12056: PART 2. The sanitary pipework installation shall be installed strictly in accordance with the manufacturers recommendations & printed instructions.
- Access must be provided at the base of all vertical soil stacks, at every floor, at all branches & changes of direction to facilitate the cleaning of the system & removal of blockages.
- All horizontal soil & waste pipework to be laid to a minimum fall of 1 in 80, unless stated otherwise. horizontal vent pipework may be run flat & should generally be tight to the underside of the soffit.
- Vent pipes shall not terminate less than 900mm vertically above the head of any window or other opening in to the building within a horizontal distance of 3000mm. Where pipes pass through roofs they shall be adequately weathred using a suitable connector (refer to specification)
- Soil pipework shall be in UPVC to BS 4514. Pipework up to and including 500mm to be ABS or MUPVC and coloured white.
- Thermal expansion provision to be allowed as required by the manufacturer.
- All SVP's and stub stacks connected to WC's shall be 110mm
- Fire collars will be provided by others to all drainage penetrations through the slab as required by building regulations.

Legend:

Pipework / Ductwork
within Ceiling Void

Pipework / Ductwork
Exposed

Pipework within
Floor Void/Buried

- Sprinklers
- LPHW Heating Flow
- LPHW Heating Return
- Hot Water Service
- Hot Water Return Service
- Mains Cold Water Service
- Boosted Cold Water Service
- Refrigerant Service
- Waste Pipework
- Mechanical Extract Ventilation
- Mechanical Supply Ventilation
- Mechanical Wiring

DRAFT FOR BSR

SCHEME
PMC Construction Ltd
Adur Centre

TITLE
Mechanical Services Layout
Ground Floor - B1



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SCALE 1:50 @ A1 DATE 02-02-24

DRAWN M.BEAMES CHECKED G.TILLEY

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