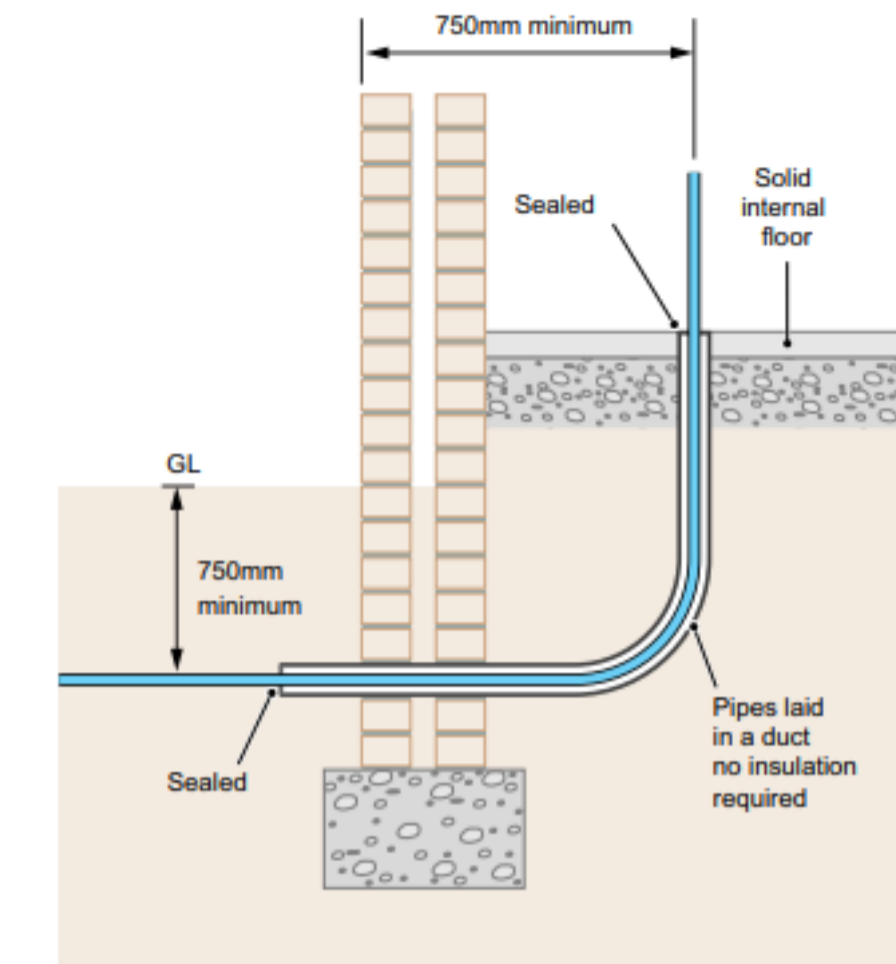
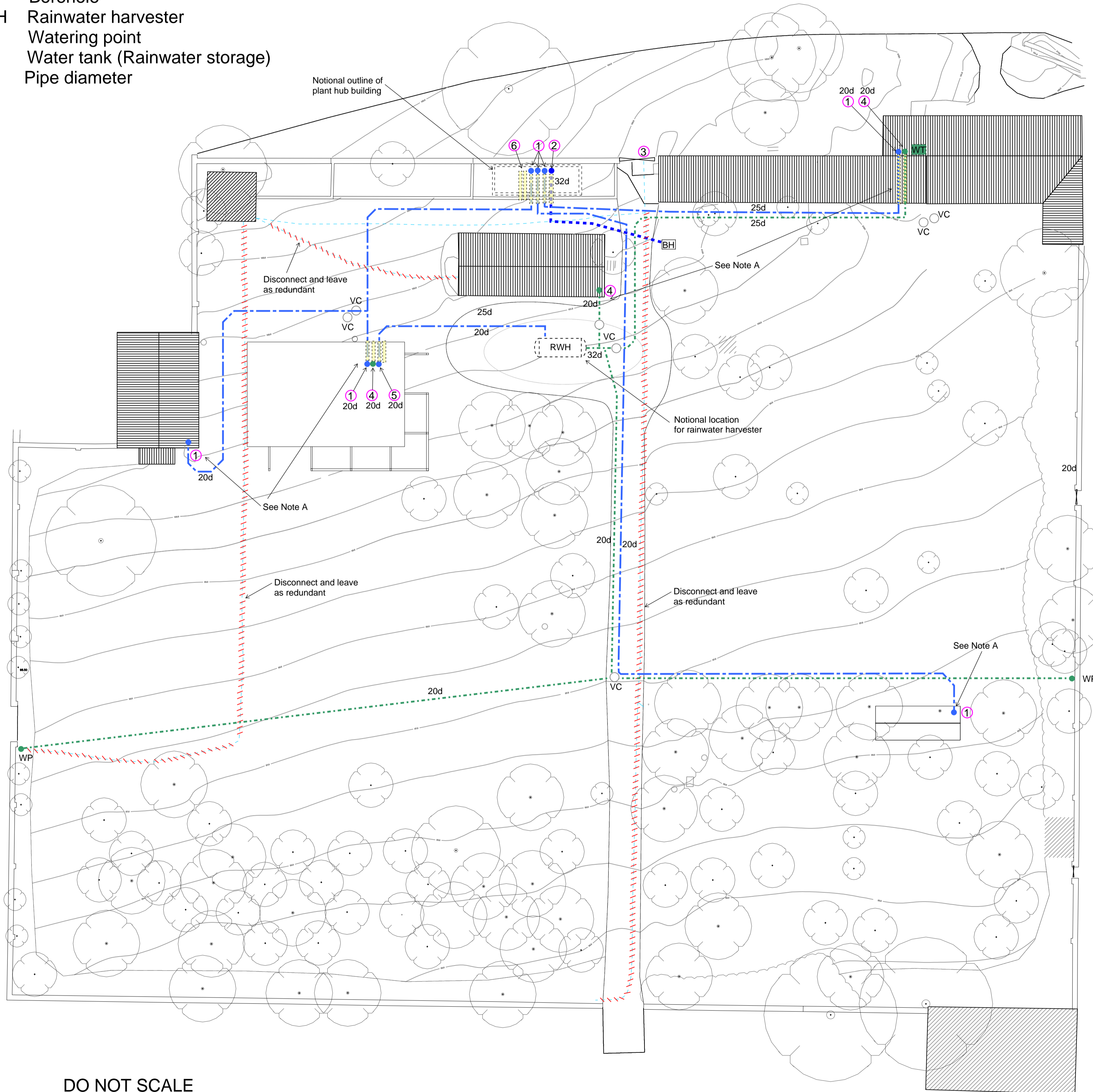


KEY

- ① Boosted wholesome cold water supply
- ② Borehole water supply
- ③ Existing water supply to/from walled garden
- ④ Supply from rainwater harvester
- ⑤ Boosted wholesome cold water supply to RW harvester
- ⑥ Existing water supply to be made redundant
- ⑦ Spare duct c/w draw cable

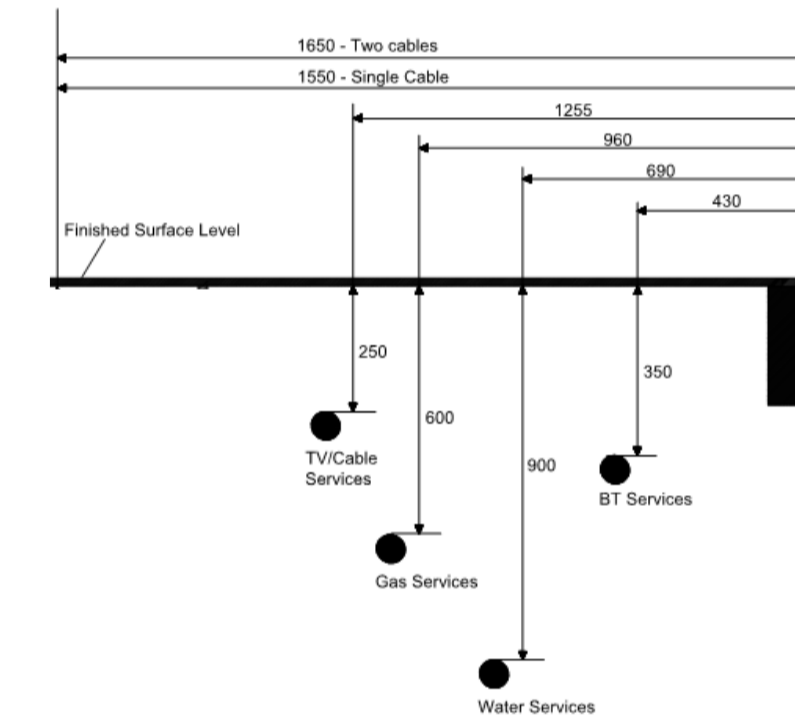
- VC Valve chamber
- BH Borehole
- RWH Rainwater harvester
- WP Watering point
- WT Water tank (Rainwater storage)
- _d Pipe diameter

INDICATIVE DESIGN



MAINS WATER ENTRY TO BUILDING

TYPICAL TRENCHING DETAIL



Note A: This design proposal is indicative only. The works contractor shall be responsible for providing their own design proposals for water service entry and location within buildings.

Note B: All buried water pipework shall be MDPE pipe blue coils approved for below ground use. Buried pipework and fittings shall be WRAS approved, pressure rated at 12.5 bar and to ISO 4427:2007, BS EN 15494:2003, BS 6572:1985, BS EN 12201.

Note C: The whole of the buried drinking water installation shall be professionally chlorinated and flushed before use.

Note D: The trench preparation and depth of cover shall be in accordance with the water authorities requirements.

DO NOT SCALE

NOTES:-

1. THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES UNLESS EXPRESSLY STATED.
2. DO NOT SCALE OFF THIS DRAWING. ALWAYS WORK TO NOTED DIMENSIONS.
3. ALL DIMENSIONS MUST BE VERIFIED ON SITE BEFORE COMPLETING SHOP DRAWINGS OR SETTING OUT THE WORK.
4. ALL DRAWINGS MUST BE VERIFIED ON SITE BEFORE COMPLETING SHOP DRAWINGS OR LETTING OUT THE WORK.
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CDM - DESIGN RISK INFORMATION

Residual Risks which we have not been able to design out and which others could not be reasonably expected to know about

RISK DETAIL & STAGE	SUGGESTED CONTROL MEASURE	DESIGNER
Falling from height	Staff shall use access towers and platforms for safe access to any equipment out of reach. Areas beneath area of works shall be barriered off to prevent risk of injury to anyone below injury to anyone below from falling objects	
Electrocution and Burns	Staff shall ensure that at no point shall any person work on live apparatus. Any energised equipment shall be isolated by following site locking off procedures and notices shall be placed on any isolated equipment as such. Special attention shall be paid to any equipment being installed which will provide both AC and Battery backed DC supplies to the installation when being installed and during commissioning.	
Confined Spaces	Staff working in confined spaces and man holes shall follow the main contractors procedures before entering such spaces prior to work	
Moving machinery and vehicles	Staff shall be aware that vehicles will be present on site and that they are likely to be moving heavy objects around the site.	
Excavation Works	Staff shall be aware that excavation works are likely to be undertaken by the main contractor during the project and should keep aware that ground openings will be formed throughout the duration of the project	
Potentially contaminated ground	Staff shall avoid contact with the soil and wash their hands after working when coming in contact with the soil	
Asbestos Substances	Staff shall familiarise themselves with the asbestos register for the building prior to commencing works. Should any suspected Asbestos material be found the substance must not be disturbed and works in the area shall cease until the suspected material has been appropriately tested and the required remedial action taken.	

A	14.5.22	Drawing amended	LG	LG
Rev	Date	Revision	By	Chk
Drawing Status: PRELIMINARY				
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Client: Leila & Sophie				
Project: The Walled Garden				
Title: Site Water Proposals				
Drawn By: LG		Checked By: LG		
Scale: N.T.S		Date: May 22		
Drawing No.: P453-M-100				Rev.: A