

## Drainage

### SURFACE WATER DISCHARGE

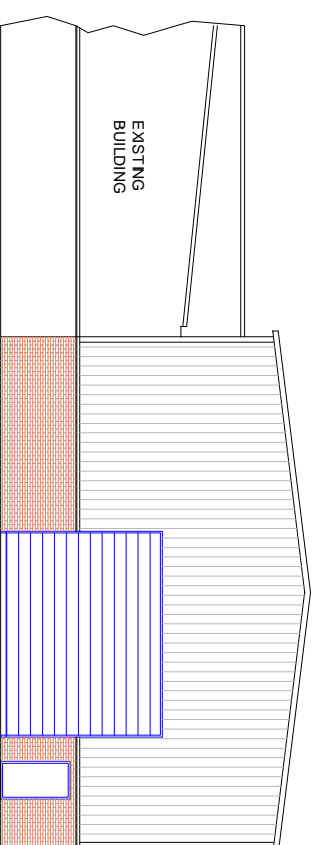
Surface water drains discharge to existing SW drain on DRAINAGE - 110mm UPVC flexible pipe or verified clay pipe laid to a min fall of 1:40 for to gardens shown on drawings. Where appropriate sealup existing gullies and all heights of drains made redundant. Concrete drains are to be replaced with 110mm UPVC drains. The buildings in vehicle areas are to be enclosed in 100mm concrete base with 110mm UPVC drains. Building flagstones. Provide heavy duty/ids and frames pedestrian or vehicular New R/WP to be 150mm dia. with roadingspot at ground level.

Pipes to be bedded on gravel or material conforming to BS 5400 Part 1 and shall be laid to a minimum depth of 150mm below finished level. Compensation factor shall be 0.3 for class M and less than 0.2 for class F and B. Trenches to be back filled with selected Giffex from bedding and limit of cover to comply with Building Regulations Part H1 sect 2.15 to 2.17. All drains shall be as in part H1 of the Building Regulations.

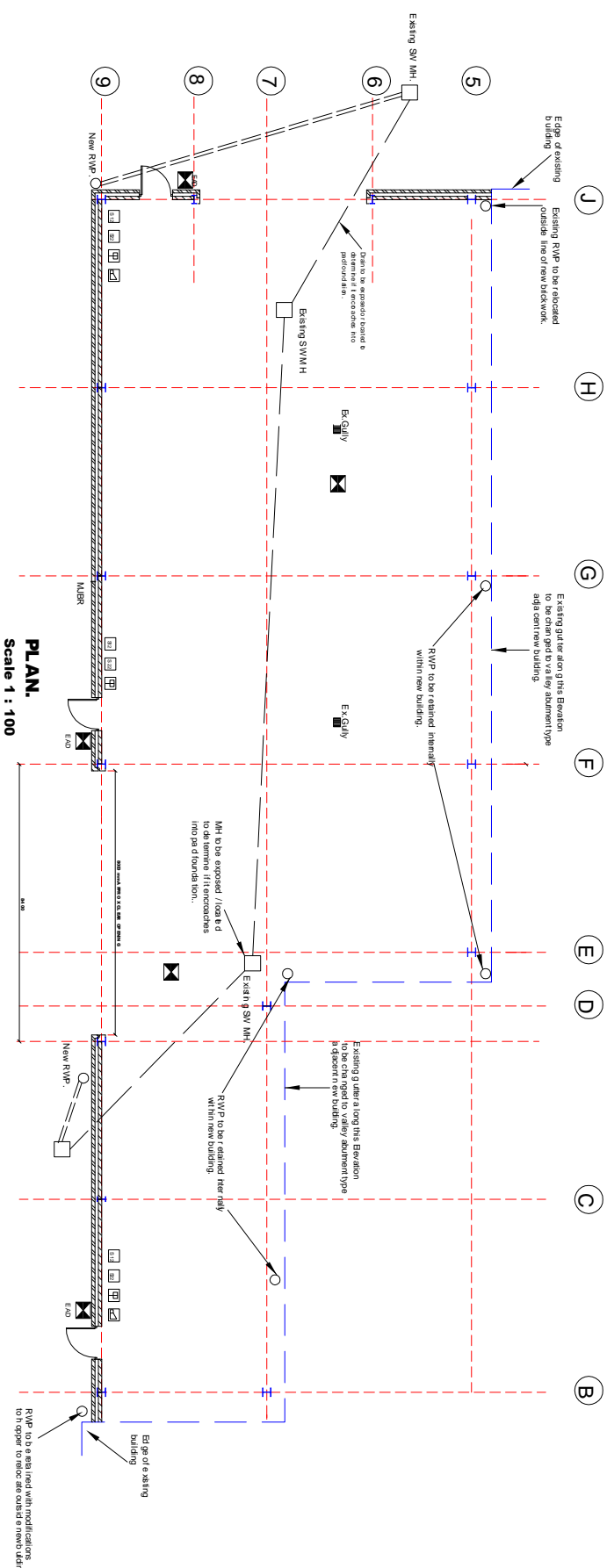
**PERIOD RENEWING WALLS**  
Should be either by an opening formed to give access to the wall face or by a trench cut through the wall face. The trench shall be 150mm wide and shall be 150mm deep with a minimum depth of 150mm of fill or vermin OR length of pipe as short as possible built in with its joints as close as possible to the wall face. A trench shall be cut through the wall face with a maximum length of 600mm and flexible joints where drains pass through wall. Wall construction where drains pass through wall.

### DRAIN TRENCHES ADJACENT TO BUILDINGS

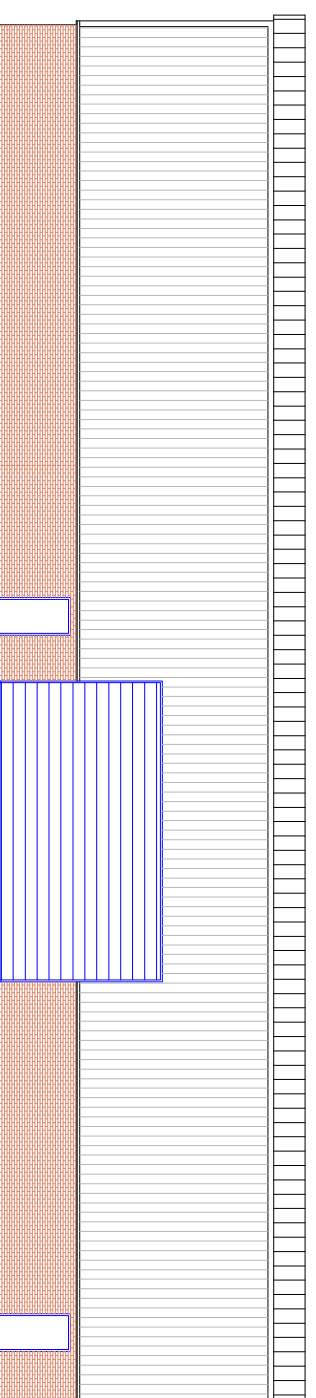
DRAIN TRENCHES ADJACENT TO BUILDINGS shall be cut through the foundations of any building nearby unless otherwise stated. The trench is to be cut through the building and filled with concrete up to the lowest level of the building. Where the trench is further than 1m from the building the trench is to be cut through the building and filled with concrete to a level below the lowest level of the building to a depth of 150mm.



**ELEVATION FACING YARD.**  
Scale 1 : 100.



**PLAN.**  
Scale 1 : 100



**ELEVATION FACING ACCESS ROAD.**  
Scale 1 : 100

### Notes

#### LIGHTING, ALARM AND SIGNAGE

- FIRE FIGHTING EQUIPMENT (Signs to comply with BS 5499)
- S12 Fire Action Notice
- S22 Fire Exit Illuminated Sign
- ALARMS AND DETECTORS (EX. SYSTEM TO BE EXTENDED)
- To comply with BS 5839 Part 1 (Existing system extended)
- PA Fire Alarm Call Point
- W Warning Device Sounder (Same as existing)
- EMERGENCY LIGHTING (EX. SYSTEM TO BE EXTENDED)
- To comply with BS 5266 Part 1
- 3 Hour Mass Rained Emergency Light Fitting
- 3 Hour Mass Rained Emergency Light Fitting (Internally above door)

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Rev	Date	Name	Notes
P2	15.1.08	SH	Door added to GL.9.
<b>Revisions</b>			

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**Client**  
BELL WAREHOUSE SYSTEMS LTD

**Project**  
EXTENSION TO EXISTING BUILDING AT ESQUIRE GLASS, PLATT STREET, PADFIELD, GLOSSOP, SK13 1EB

**Subject**  
PLAN, ELEVATIONS AND DRAINAGE.

**Drawg No.**  
7708/03/P2

**Scale** As Shown.

**Drawn by** SC

**Checked by** DL

**Date** DEC. 07.