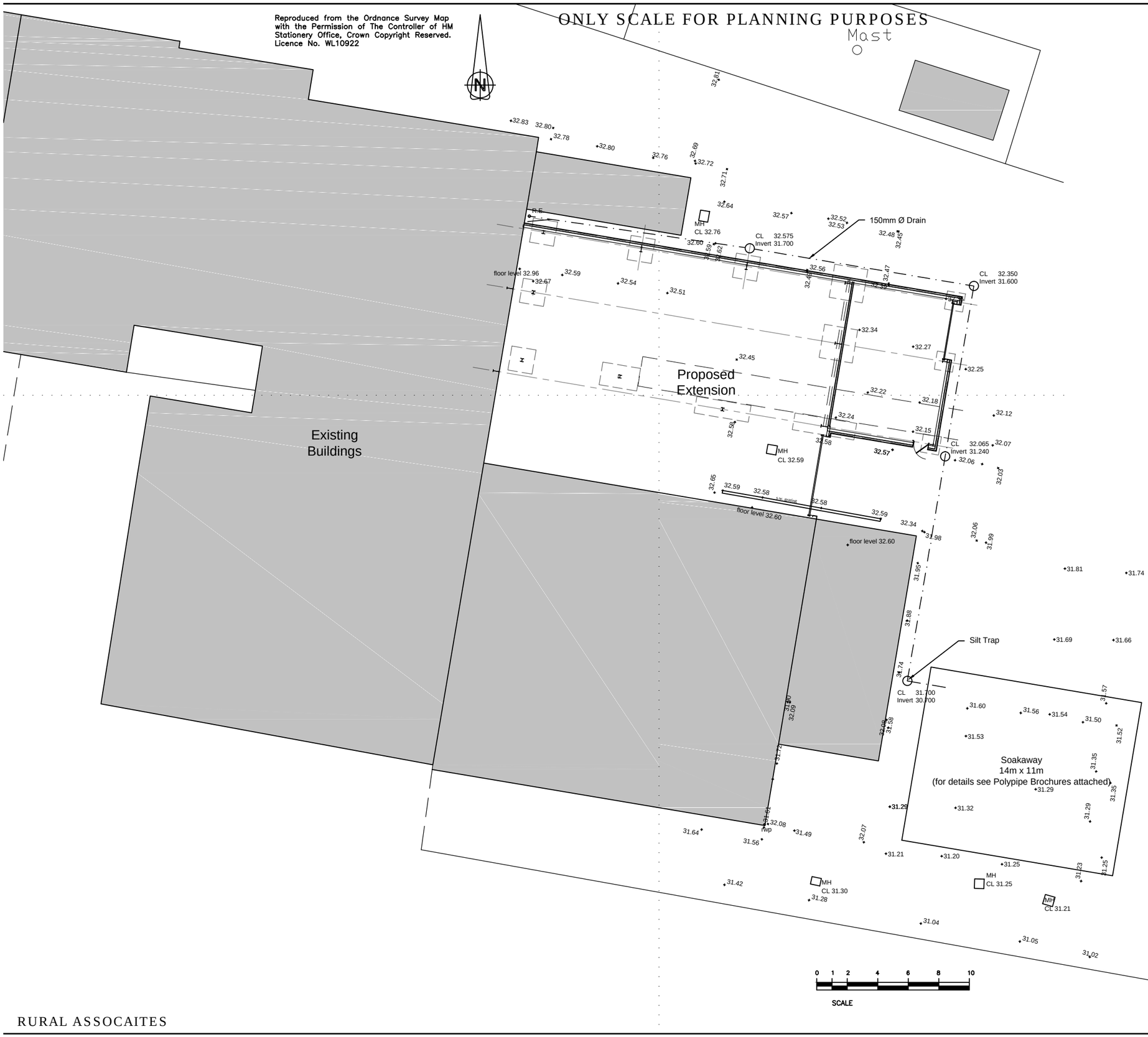

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1 Roof surface water drainage

The pipe sizes are based on two hour storm with intense rain fall and allowing for 15 lt/second run off for every 1000 m^2 of impermeable surface areas of collection. All new drains to be constructed in 150mm dia P.V.C. pipes as shown with flexible joints laid to a fall of 1:100 and bedded and surrounded with 150mm pea gravel

1.1 On the West elevation of the building there will be 2 No 110mm diameter rain water down pipes taking water from the roof, and in positions shown Marley or similar 450mm dia polypropylene I.C.S. will be provide bedded on100mm concrete and surrounded with concrete. Cover frames to be set in 150mm thick concrete

1.2 On the East elevation of the building there will be 2 No 110mm diameter rain water down pipes taking water from the roof, and in positions shown Marley or similar 450mm dia polypropylene I.C.S. will be provide bedded on100mm concrete and surrounded with concrete. Cover frames to be set in 150mm thick concrete

1.3 As and where required Marley or similar SRE Surface Roding Eyes Cover frames to be set in 150mm thick concrete .will be provided

Total roof catchment area 432msq

2 Soak-away

Volume of soakaway = 120.75 m^2

Provide an excavated area approximately 14 m long x 0.8 m deep x 11.5 m wide in the location indicated. In the prepared excavation supply and lay Geotextile membrane to cover base and vertical sides with sufficient to overlap the finished drainage works. In position shown provide Polystorm R Soakaway, or similar Crates 0.4 m deep, cover with Geotextile membrane to cover crates back fill to level with selected fill

RURAL ASSOCIATES
Project Co-ordination
Agricultural and Environment Consultants
Yapton Lodge North End Road
Yapton Nr Arundel
West Sussex BN18 0DT
Tel 01243 555420 Fax 01243 555421

CLIENT

GTR Ltd
Denmans Lane, Fontwell
West Sussex, BN18 0SU

DRAWING

Proposed Extension
Drainage Plan

REV	DESCRIPTION	DATE	BY

SCALE	DRAWN
1 : 250 on A3	SAK
DATE	DRAWING No.
09-07-19	WM/591/250

RURAL ASSOCAITES