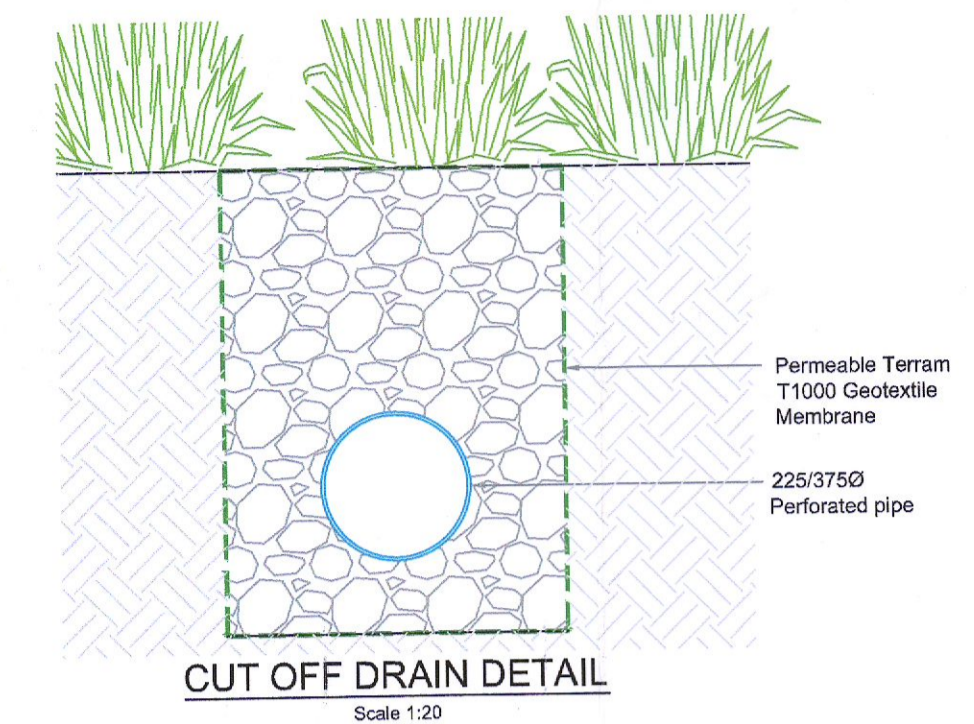
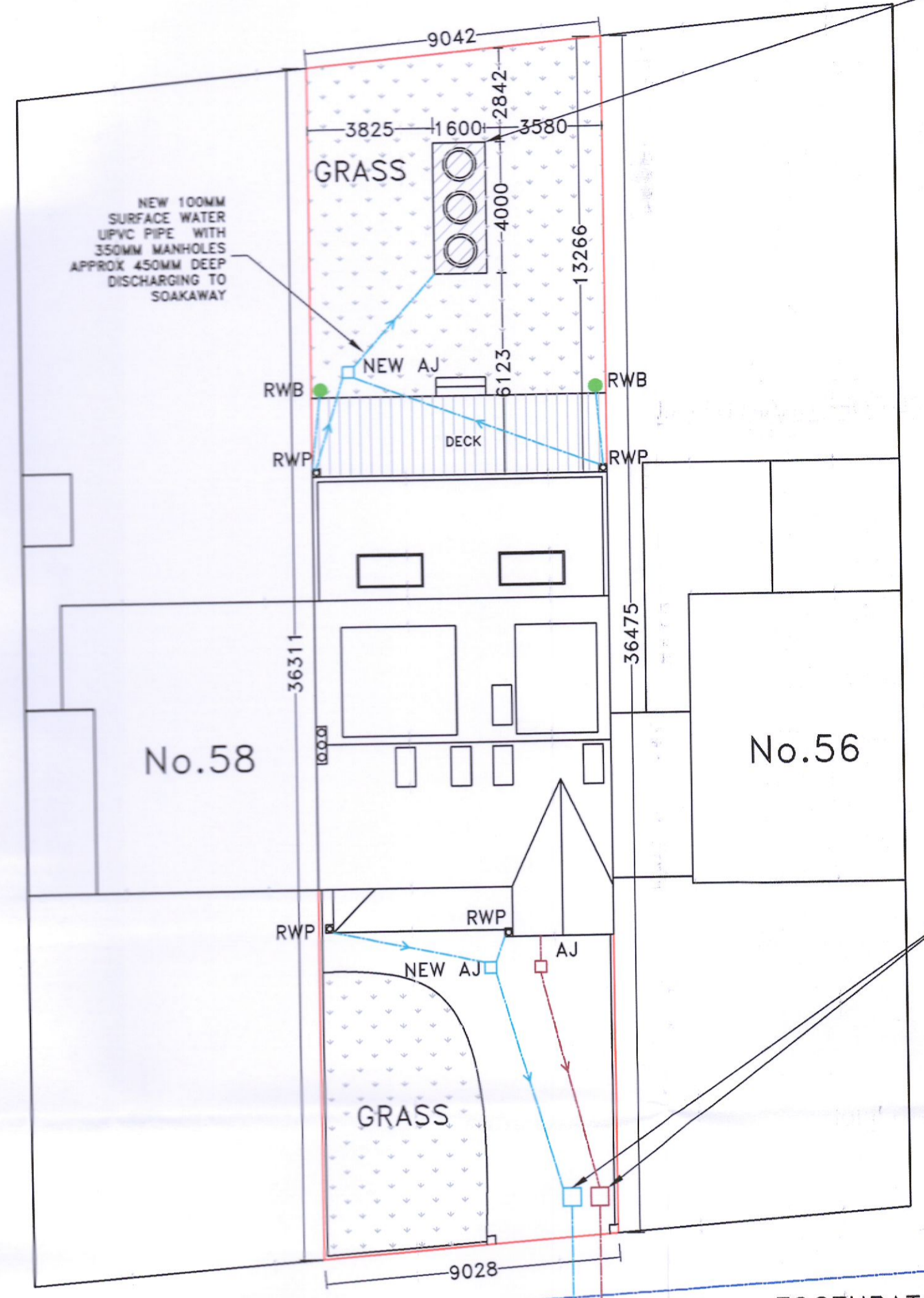


SURFACE WATER SOAKAWAY

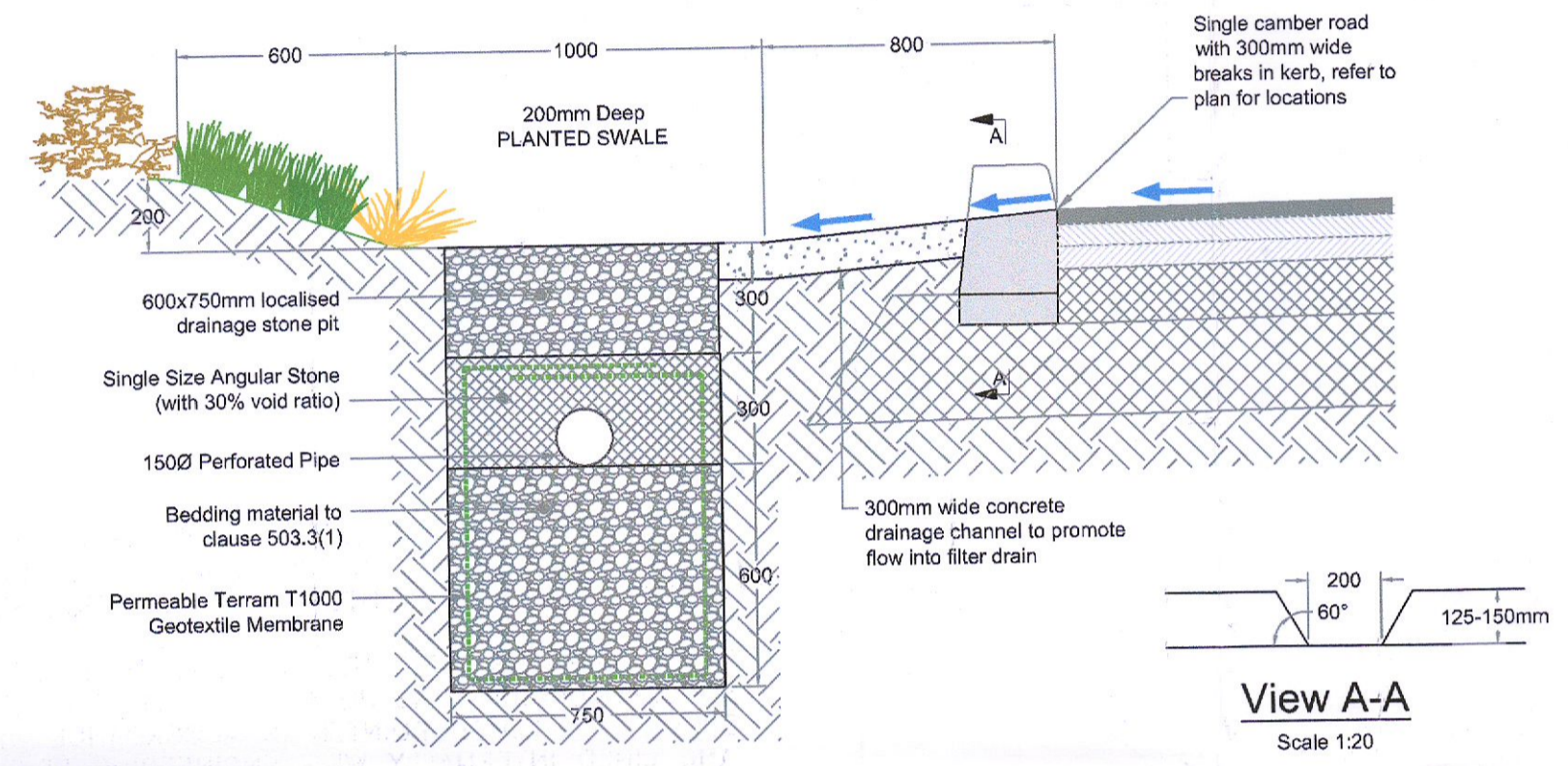
SOAKAWAY DESIGN CONSISTING OF A 4000mm X 1600mm TRENCH EXTENDING 2500mm BELOW GROUND LEVEL STONE FILLED AND DOUBLE LINED WITH A GEOTEXTILE LAYER TO PREVENT INFILTRATION OF FINES. THE INTAKE INVERT OF TO BE AGREED ON SITE NOMINALLY 1000mm BELOW GROUND LEVEL PROVIDES AN EFFECTIVE DEPTH OF 1500mm. THREE 1000mm PERFORATED PRECAST CONCRETE CHAMBERS EVENLY SPACED WITHIN THE TRENCH ACT AS ADDITIONAL STORAGE.



Typical 220 Litre Rainwater Butt
SCALE N.T.S



MANHOLES
SURFACE WATER MANHOLES WITH INTERNAL DIMENSION OF 600mmX600mm CONSTRUCTED IN HIGH DENSITY BLOCKWORK FLUSH POINTED IN ACCORDANCE WITH IS20
FOUL MANHOLES WITH INTERNAL DIMENSION OF 600mmX600mm CONSTRUCTED IN HIGH DENSITY BLOCKWORK FLUSH POINTED IN ACCORDANCE WITH IS20 AND LINED INTERNALLY WITH ENGINEERING BRICK TO IS91 TO A HEIGHT OF 1000mm ABOVE BENCHING CONSTRUCTED TO WITHSTAND SULPHATE ATTACK

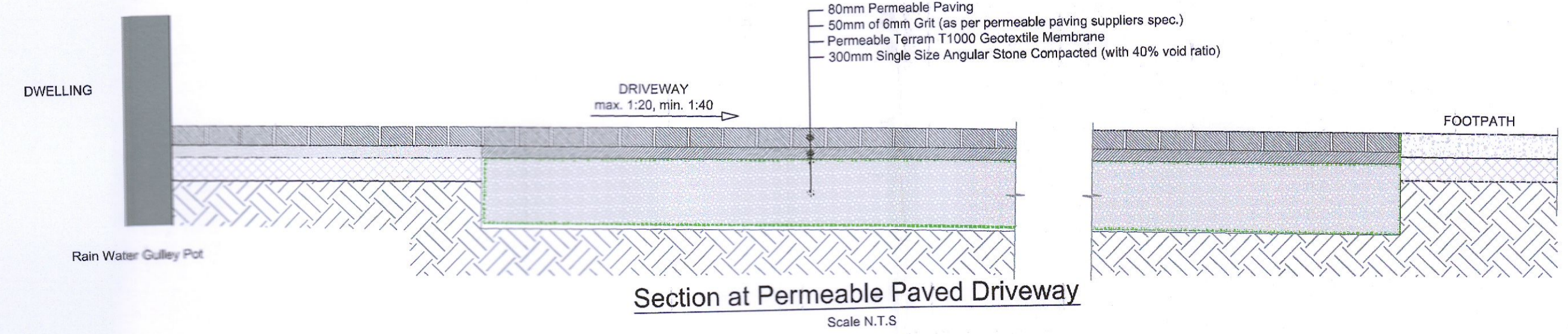
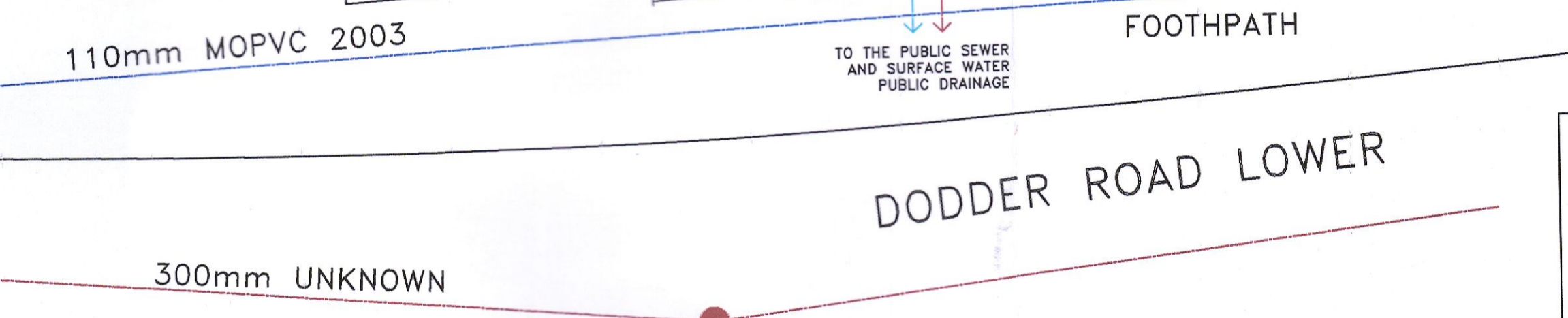


Drainage Swale Detail at Broken Kerb Inlet
Scale 1:20

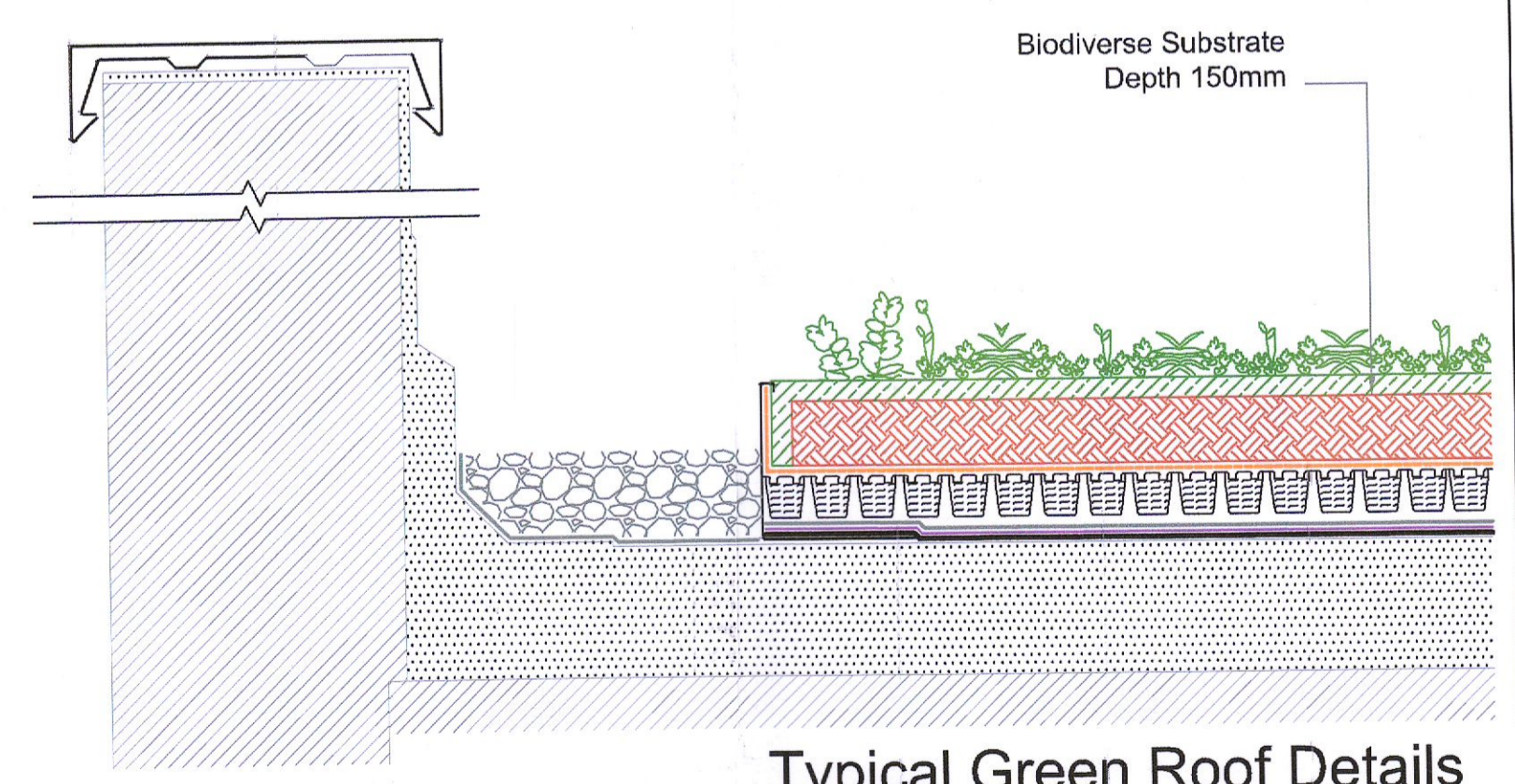
LEGEND:

- SITE BOUNDARY
- IRISH WATER
- SURFACE WATER
- FOUL WATER
- RWB ● PROPOSED RAINWATER BUTT
- RWP □ RAINWATER PIPE
- ▨ PERMEABLE PAVING

DRAINAGE PLAN (PROPOSED)
SCALE 1:150



SPECIFICATIONS
External finishes to match existing
Gutters and downpipes to match existing
Roof finishes to match existing
Windows and doors UPVC or wood to match existing



Green Roof Key

- Plug / Seed Mix Planting
- Extensive / Biodiverse Substrate
- 80mm Drainage Board
- Filter Fleece
- Protection Mat
- PE Foil
- Capping Sheet / Membrane
- Deck / Substrate
- 80mm Vegetation barrier
- Drainage trim

NOTES:
Drawings not to be scaled from. Use written dimensions only. Setting out dimensions to be checked against plans. To be used with other drawings and specifications. Any discrepancies in dimensions or specifications to be brought to the attention Architect Engineer Builder. All structures to be confirmed by Engineer. DRAWINGS NOT FOR CONSTRUCTION PURPOSES CHANGES IN MAGENTA

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THIS DRAWING: Drainage plan
Scale 1 to 150
Area: area of entire site 327 sq.m,
area of existing house 129 sq.m
area of new extensions 78 sq.m