

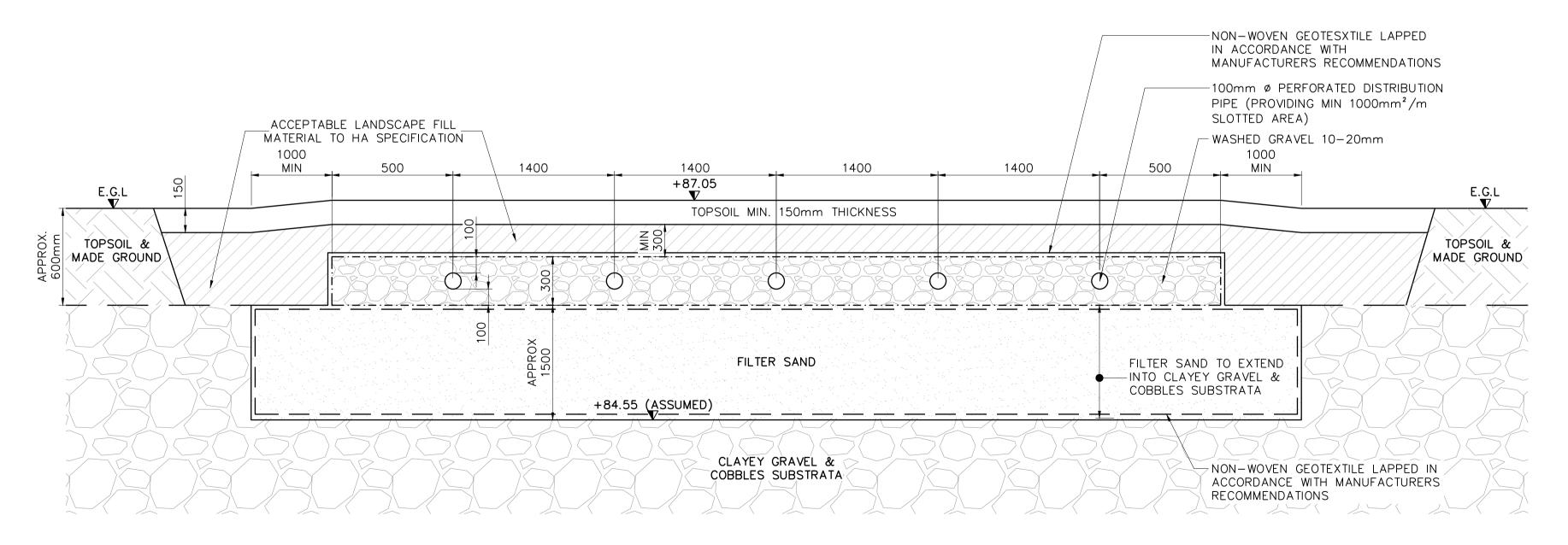
BED & HAUNCH FRAME IN 1:3 MORTAR ALLOWING SUFFICIENT DEPTH ABOVE HAUNCH FOR PAVING FINISHES OR COVER & FRAME WITH 450mm SQUARE TOPSOIL AS APPROPRIATE. CLEAR OPENING AS MANHOLE SCHEDULE STANDARD POLYPROPYLENE INSPECTION - WHERE DEPTH TO INVERT IS GREATER THAN 1.2m CHAMBER UNIT e.g. HEPWORTH PPIC. ~ TELESCOPIC REDUCER RAISING PIECE TO BE USED MIN 450 mm INT. DIA. TO RESTRICT CHAMBER TO 340mm DIA. MIN. 150mm INSITU CONCRETE SURROUND TO B GEN 3. TO BS 8500 WITH SULPHATE RESISTING STANDARD POLYPROPYLENE BASE TO BE USED CEMENT UNLESS STATED FOR 100 AND 150 DIA PIPES. WHERE LARGER OTHERWISE PIPE IS REQUIRED BASE TO BE MADE FROM CHANNELS AND BENCHING SIMILAR AS 1.5-3.0m CHAMBER, HOWEVER ENGINEER TO BE INFORMED MIN. | 225mm AND SKETCH SUBMITTED TO ENSURE INTEGRITTY OF CHAMBER IS MAINTAINED. WHERE NECESSARY CONCRETE BASE MIX GEN 3 TO BS 8500 P.C. CHAMBER WILL BE REQUIRED.

POLYPROPYLENE INSPECTION CHAMBER DETAIL DEPTH TO PIPE SOFFIT LESS THAN 1.5m.

SCALE 1:20

## TYPICAL PERFORATED PCC RING SOAKAWAY

SCALE 1:20



## TYPICAL SECTION THROUGH DRAINAGE MOUND TO REAR OF PLOT 6

SCALE N.T.S

NOTE:
AT FORMATION LEVEL, CONTRACTOR TO CHECK AND CONFIRM AVERAGE
Vp=16s/mm THROUGH FILTER SAND. ALL FINDINGS TO BE REPORTED BACK
TO ENGINEER.

DESIGN BASED ON FILTER SAND EXTENDING INTO VERY WEAK TO WEAK VERY THINLY BEDDED VERY CLOSELY JOINTED RED BROWN FLAGGY SANDSTONE WHICH HAS BEEN CONFIRMED AS PROVIDING A Vp=8s/mm AS NOTED ON CORE GEOTECHNICS INVESTIGATION WORKS OF APRIL 2020

#### CDM RESIDUAL RISKS

THERE ARE NO RESIDUAL RISKS THAT A COMPETENT CONTRACTOR SHOULD NOT BE ABLE TO EFFECTIVELY MANAGE

#### GENERAL NOTES: -

DO NOT SCALE THIS DRAWING

CONTRACTORS TO CHECK ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ENGINEER.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTS DRAWINGS

© 2017 COPYRIGHT ROWNTREE CONSULTING Ltd

PRELIMINARY ISSUE  REVISIONS	P1 REF	LH BY	14/02/20 DATE
DRAINAGE MOUND UPDATED TO REFLECT COMMENTS FROM LLFA	P2	RW	17/06/20

The **Institution** of **Structural Engineers** 

# PARTNERSHIP

ROWNTREE

#### CONSULTING STRUCTURAL ENGINEERS

12 WHEATSTONE COURT, DAVY WAY
WATERWELLS BUSINESS PARK
GLOUCESTER, GL2 2AQ
TEL (01452) 883859
email: info@rowntree.co.uk

#### ARCHITECT

COOMBES EVERITT ARCHITECTS

#### CLIENT

HIGHNAM CONSTRUCTION

### DESCRIPTION

DRAINAGE DETAILS SHEET 1 OF 2

#### CONTRACT

GORSLEY BUNGALOW SITE

DRAWING STATUS PRELIMINARY		rein 	REINF. SCHEDULE NOS. —			
SCALE AT A1 AS SHOWN	SCALE AT A3	DRAWN BY		CHECKED BY		
DATE	CONTRACT REF.	DWG			REV.	
FEB 2020	12721		50	)2	P2	