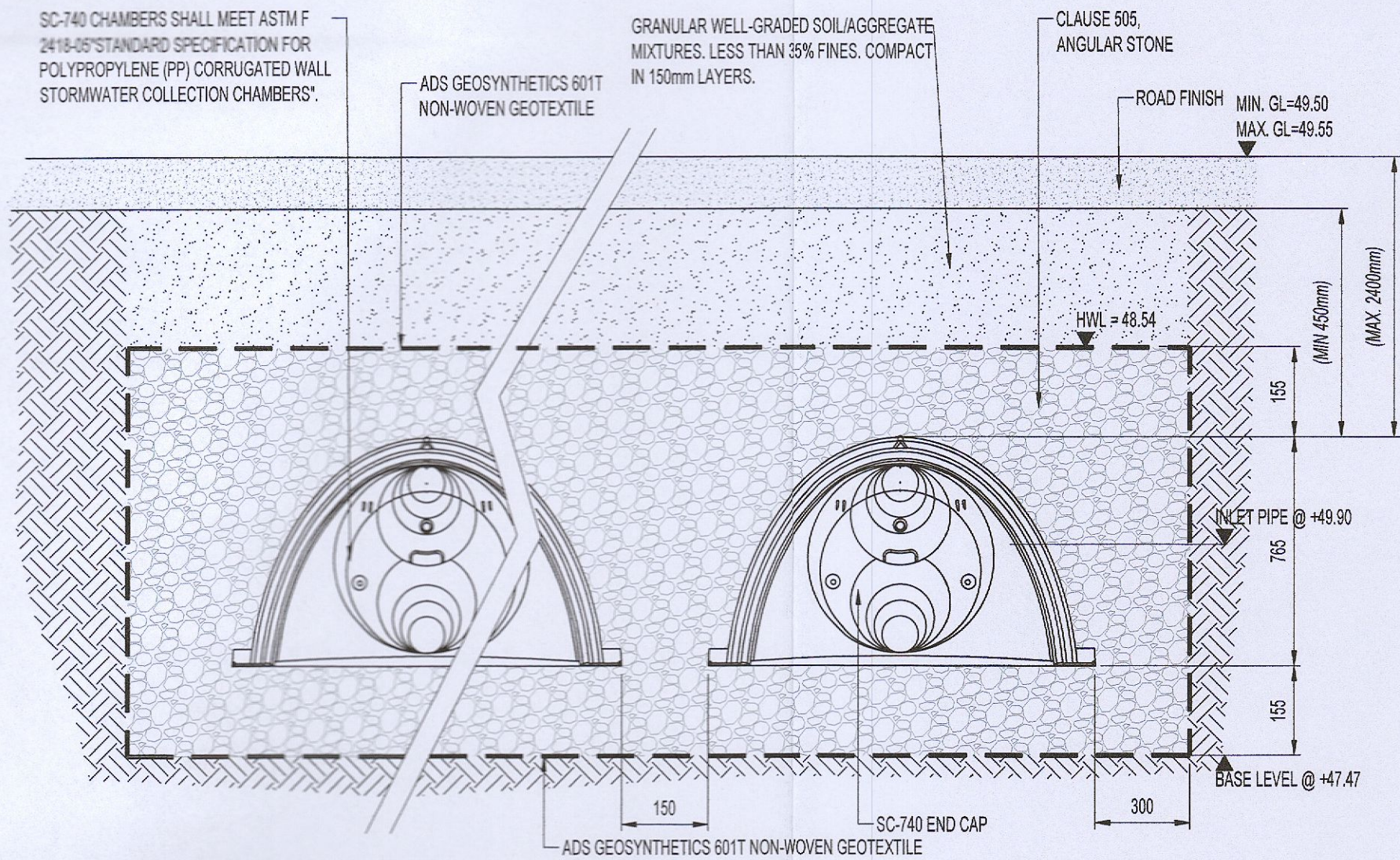
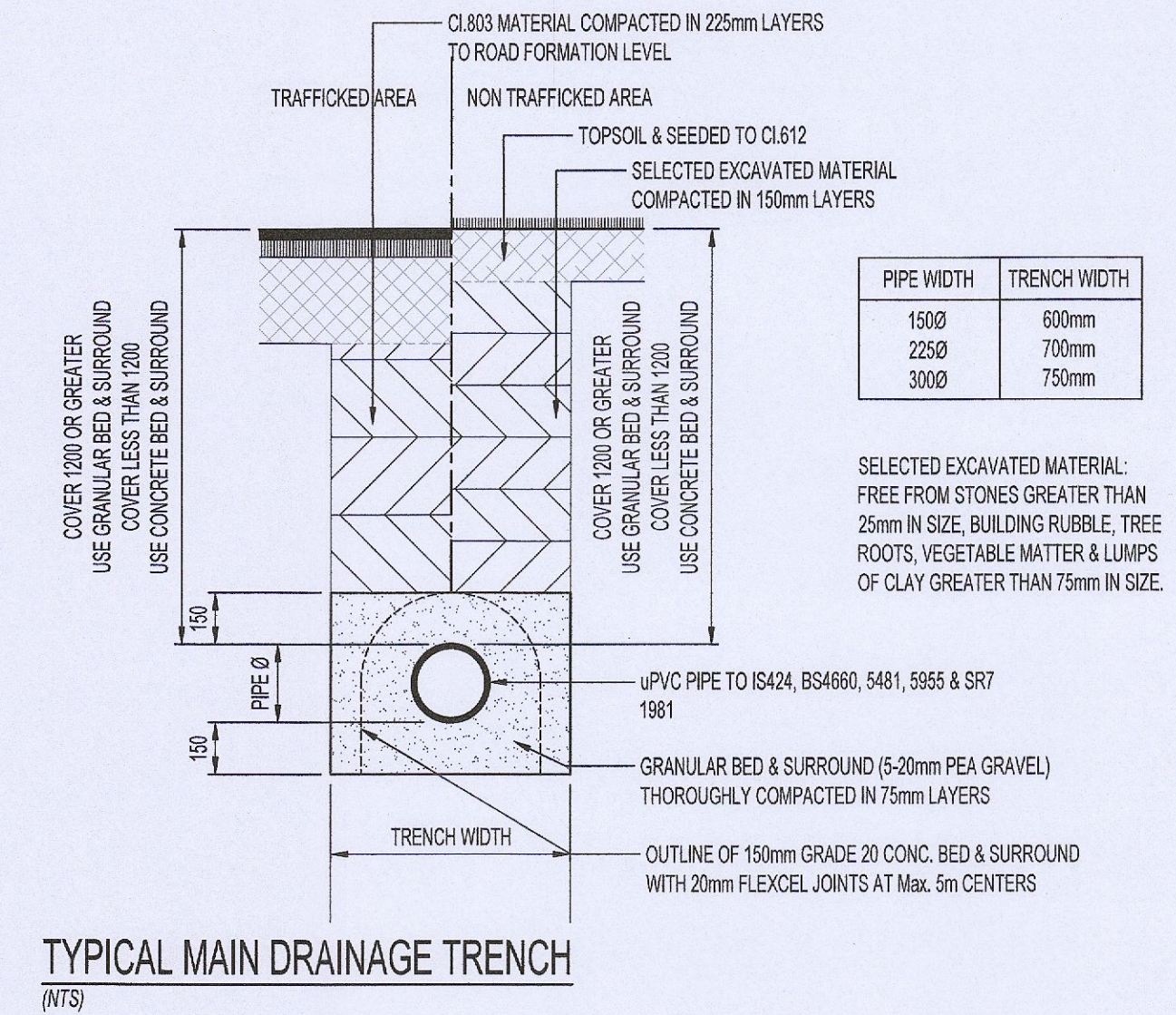


This drawing should not be scaled. Dimensions to be verified on site. Any discrepancies should be referred to the Engineer prior to work being put in hand.

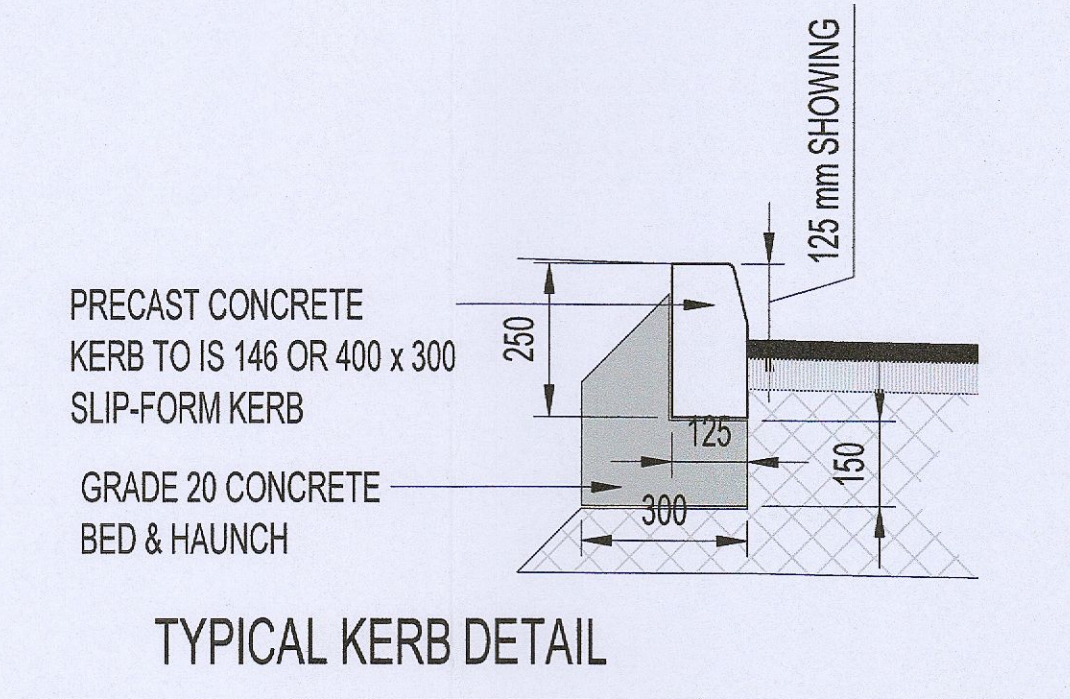
GENERAL NOTES



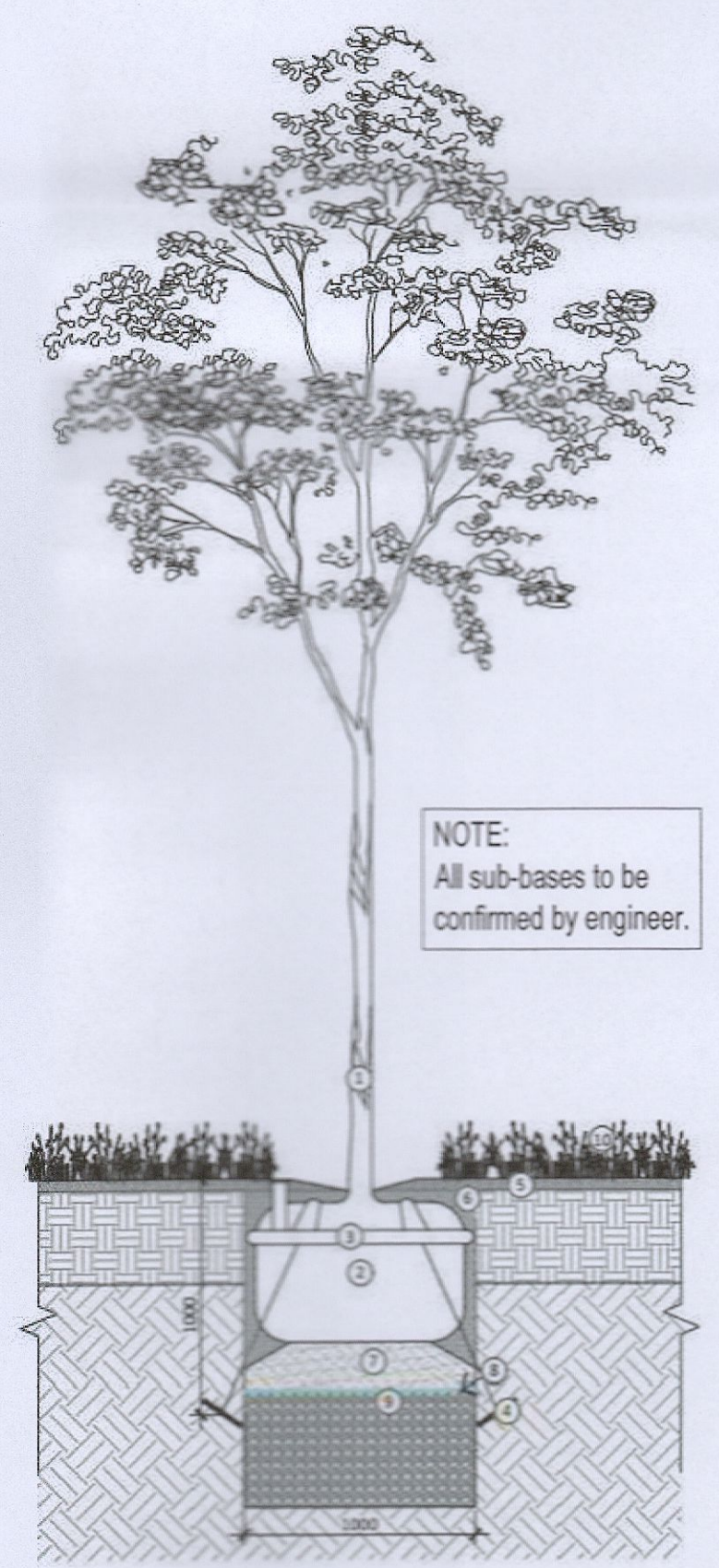
STORMTECH CHAMBER SC-740
CROSS SECTION DETAIL
NTS



TYPICAL MAIN DRAINAGE TRENCH
NTS



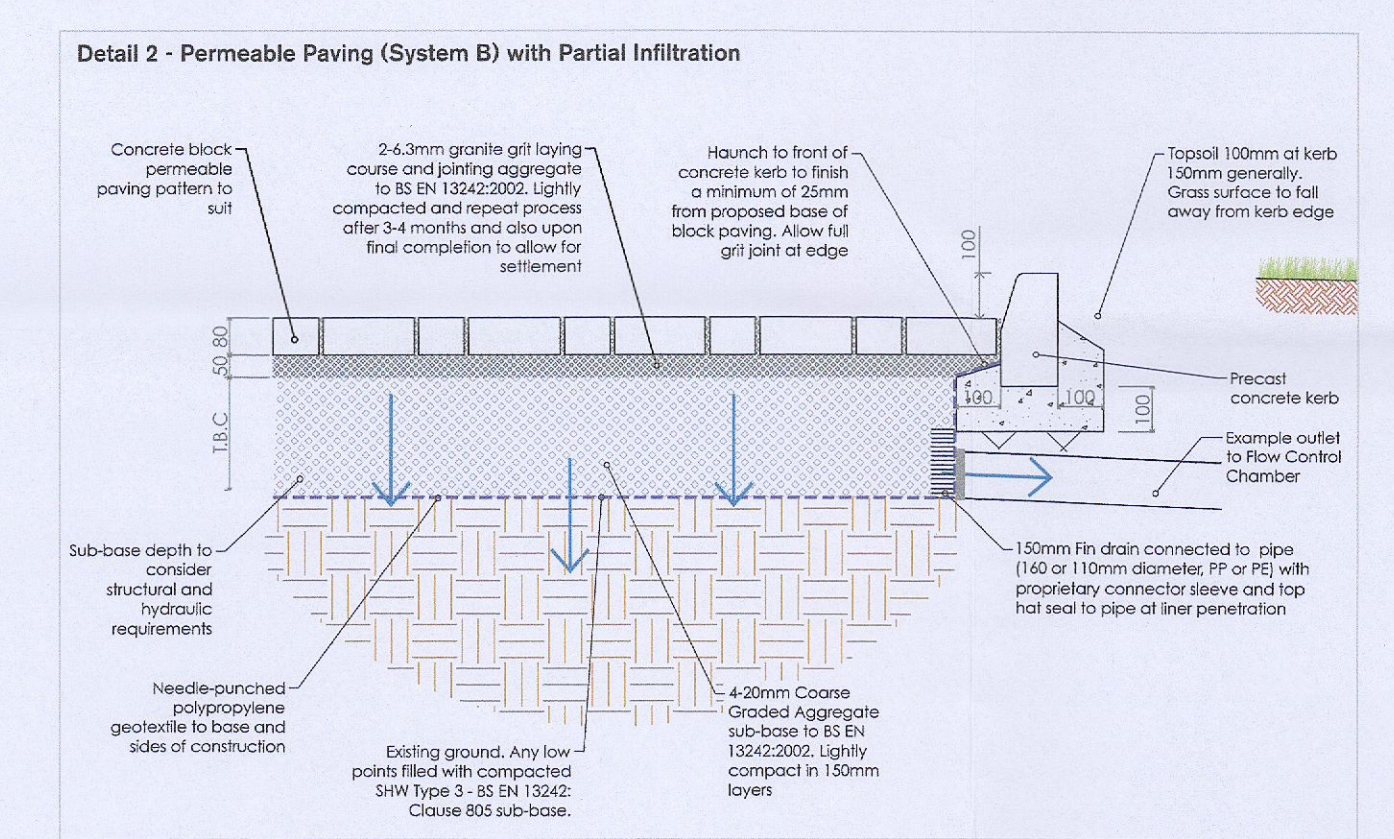
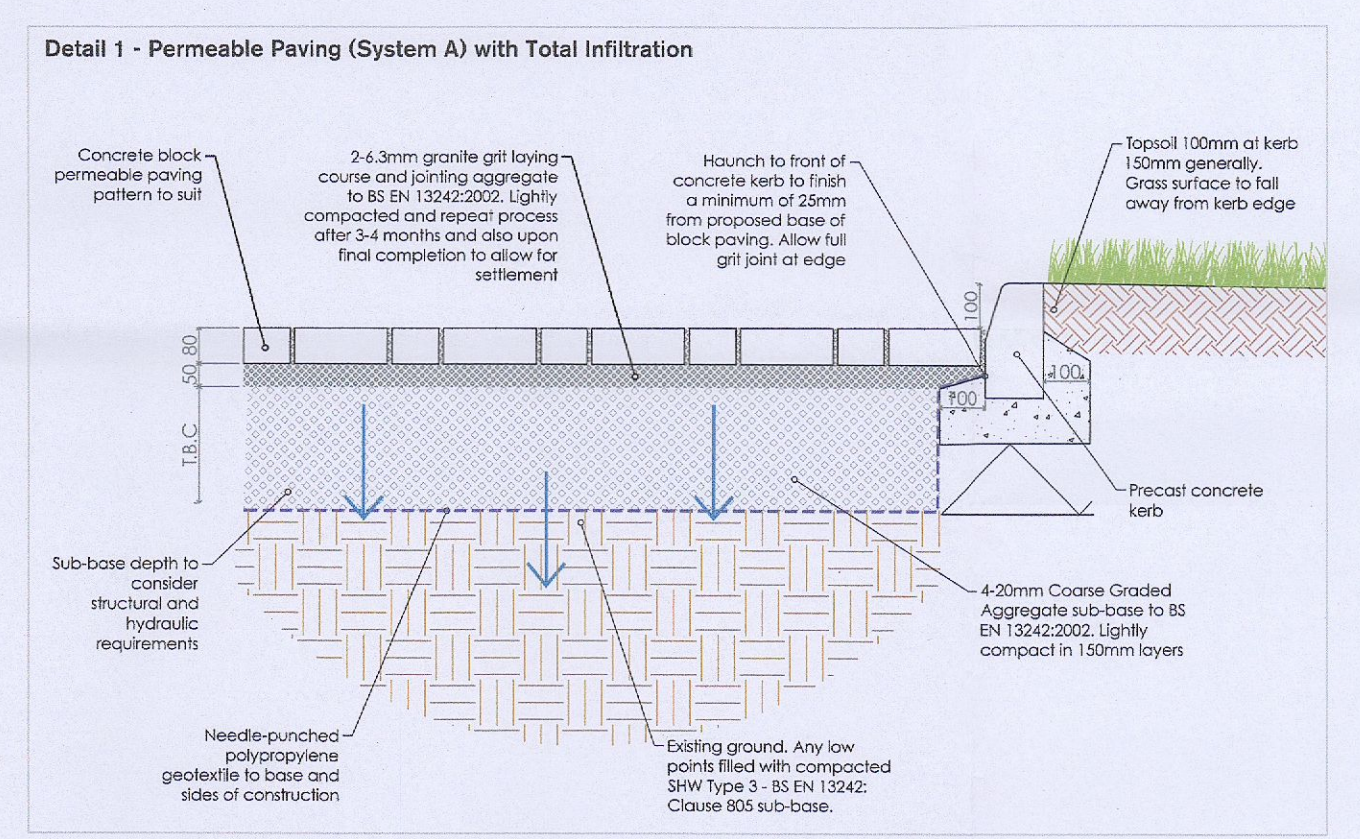
PRECAST CONCRETE KERB TO IS 146 OR 400 x 300 SLIP-FORM KERB
GRADE 20 CONCRETE BED & HAUNCH
TYPICAL KERB DETAIL



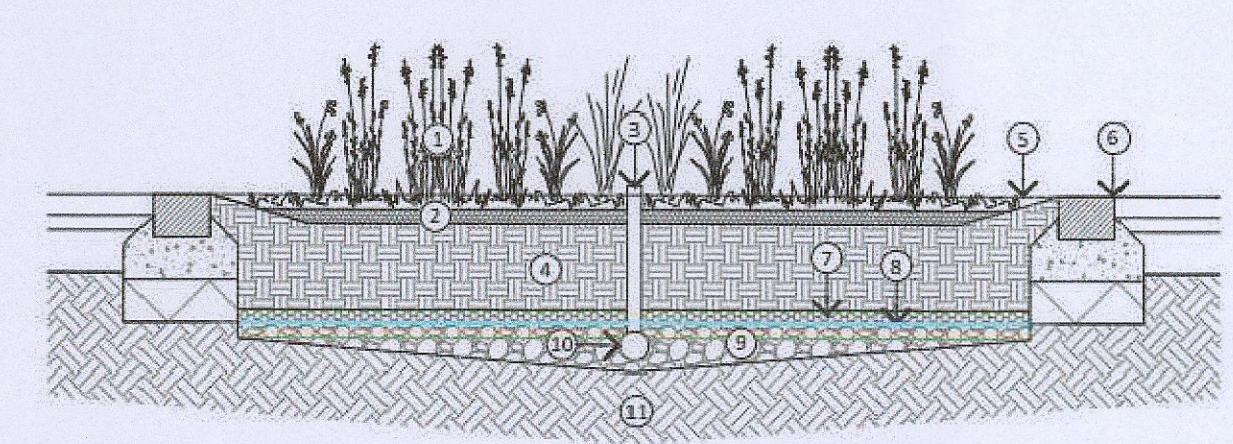
NOTE:
All sub-bases to be confirmed by engineer.

- LEGEND:**
1. Planted tree. Refer to landscape architect's plans & specification for details.
 2. Tree root ball.
 3. Integrated irrigation pipe around rootball.
 4. Dead man anchor rootball cradle.
 5. 50mm of organic mini chip mulch. Sample to be approved prior to spreading. Grade garden mulch down to plant stem base from 200mm distance. Note: Mulch must not be placed against base of stem or plant failure could occur.
 6. 600mm of good quality imported topsoil. Sample to be approved.
 7. approved subsoil below rootball.
 8. Terram geotextile sheet.
 9. 500mm free draining aggregate
 10. Adjacent planting. Refer to landscape architect's plans and specifications for details.

TREE PIT DETAIL

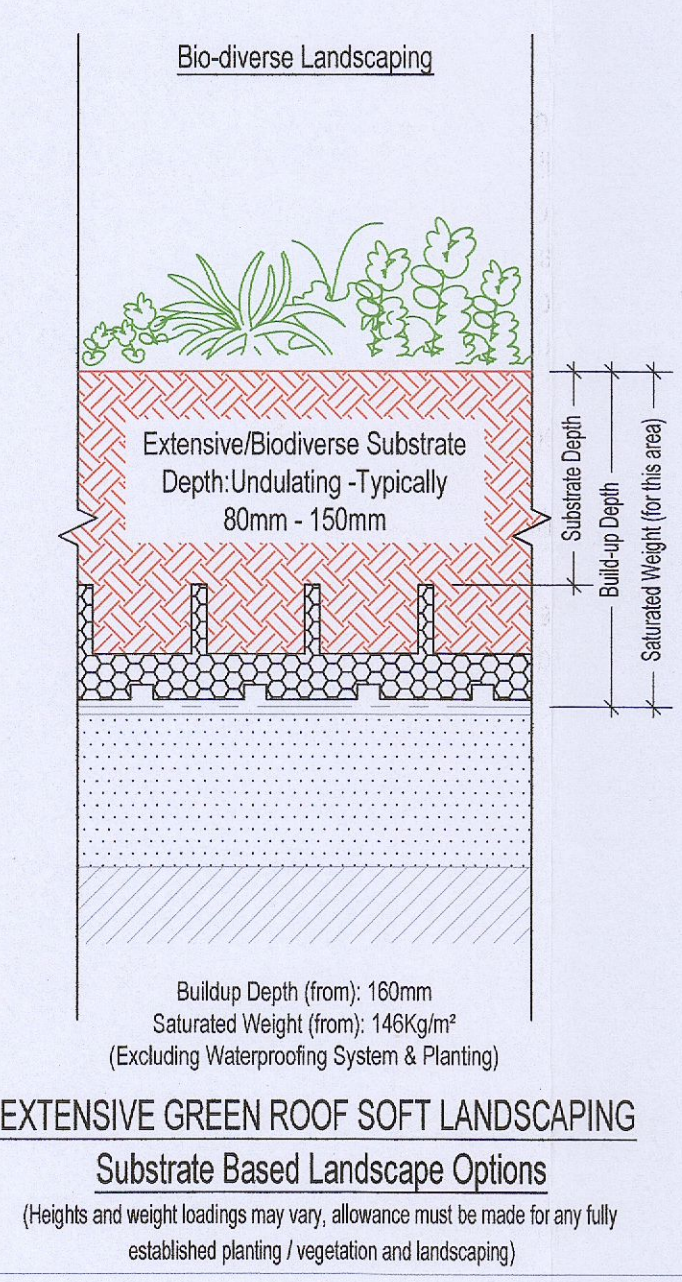


BIORETENTION - TYPICAL CROSS SECTION



- LEGEND:**
1. Planting
 2. Organic mini chip mulch.
 3. Inspection point and overflow
 4. Bio retentive soil
 5. Max water depth 100mm
 6. Adjacent paving and edging
 7. Peastone separator
 8. Geotextile filter fabric
 9. Coarse graded aggregate
 10. Perforated underdrain
 11. Existing sub-grade

NOTE:
All sub-bases to be confirmed by engineer.



Bio-diverse Landscaping
EXTENSIVE GREEN ROOF SOFT LANDSCAPING
Substrate Based Landscape Options
(Heights and weight loadings may vary, allowance must be made for any fully established planting / vegetation and landscaping)

PL1	18.03.2023	ISSUED FOR PLANNING ADDITIONAL INFORMATION	ED	PK
Status	Date	Description	By	CHK
Amendments				
Project RESIDENTIAL DEVELOPMENT AT MANOR AVENUE, WAINSFORT GROVE, DUBLIN 6W				
Title SuDS & DRAINAGE DETAILS				
Client SAM LE BAS				
KAVANAGH BURKE CONSULTING ENGINEERS				
Unit F3, Block F, Calmount Park Calmount Avenue, Dublin 12. D12 PX28 E-mail: reception@kavanaghburke.ie Tel: 01 450 0694				
Issue PLANNING (A.I.)				
Designed By	ED	Checked By	PK	K0 Ref. D1606-1
Drawn By	ED	Date	April 2023	Scales @ A1 NTS
Project - Originator - Volume - Level - Type - Role - Number				Revision
D1606-1-KB-XX-XX-DR-C-0002				PL1