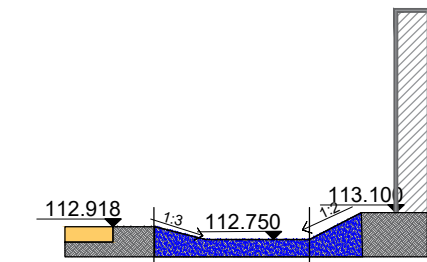
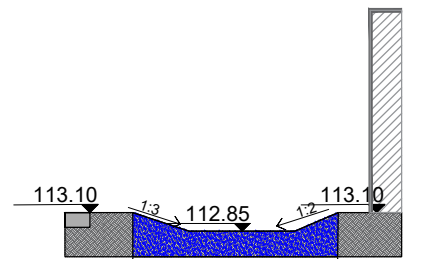


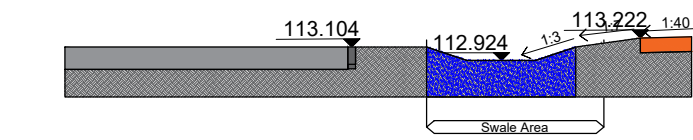
S1 Swale Area Section S1
SCALE: 1:100@A1



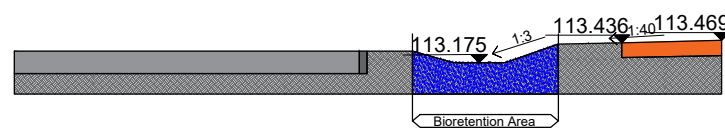
S2 Bioretention Area Section S2
SCALE: 1:100@A1



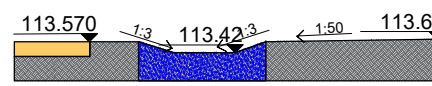
S3 Bioretention Area Cross Section S3
SCALE: 1:100@A1



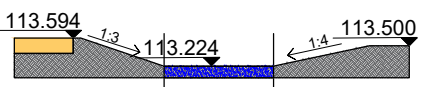
S4 Swale Area Cross Section S4
SCALE: 1:100@A1



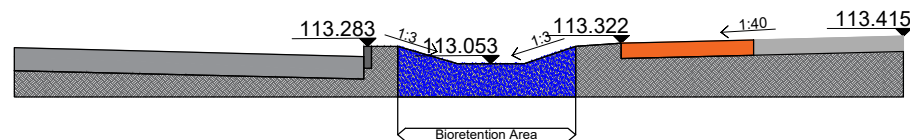
S5 Bioretention Area Cross Section S5
SCALE: 1:100@A1



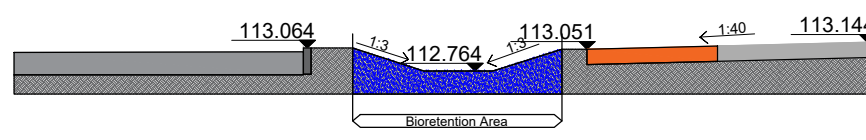
S6 Bioretention Area Cross Section S6
SCALE: 1:100@A1



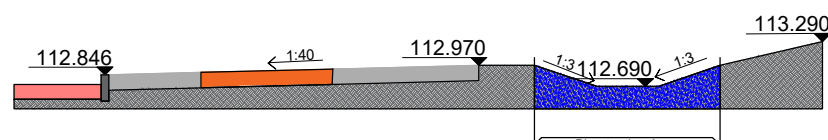
S7 Bioretention Area Cross Section S7
SCALE: 1:100@A1



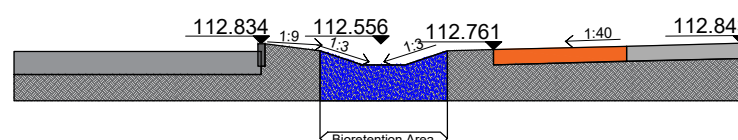
S8 Bioretention Area Cross Section S8
SCALE: 1:100@A1



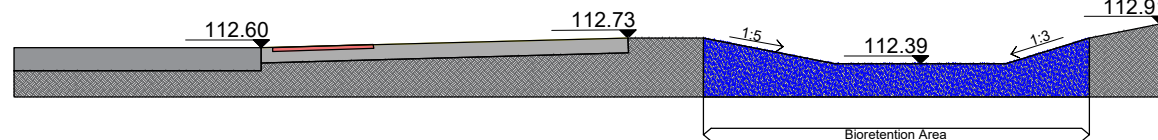
S9 Bioretention Area Cross Section S9
SCALE: 1:100@A1



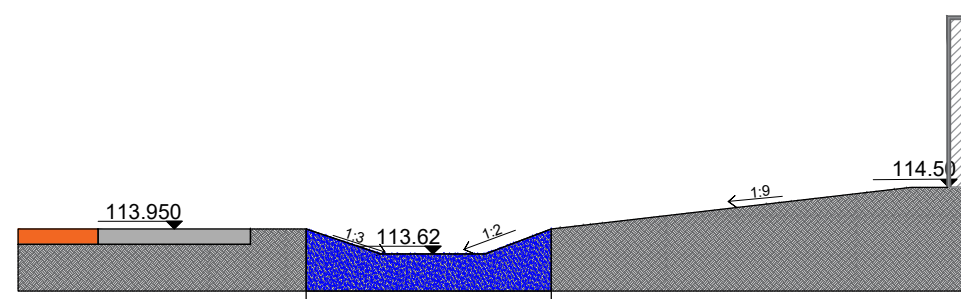
S10 Bioretention Area Cross Section S10
SCALE: 1:100@A1



S11 Bioretention Area Cross Section S11
SCALE: 1:100@A1



S12 Bioretention Area Cross Section S12
SCALE: 1:100@A1



S13 Bioretention Area Cross Section S13
SCALE: 1:100@A1



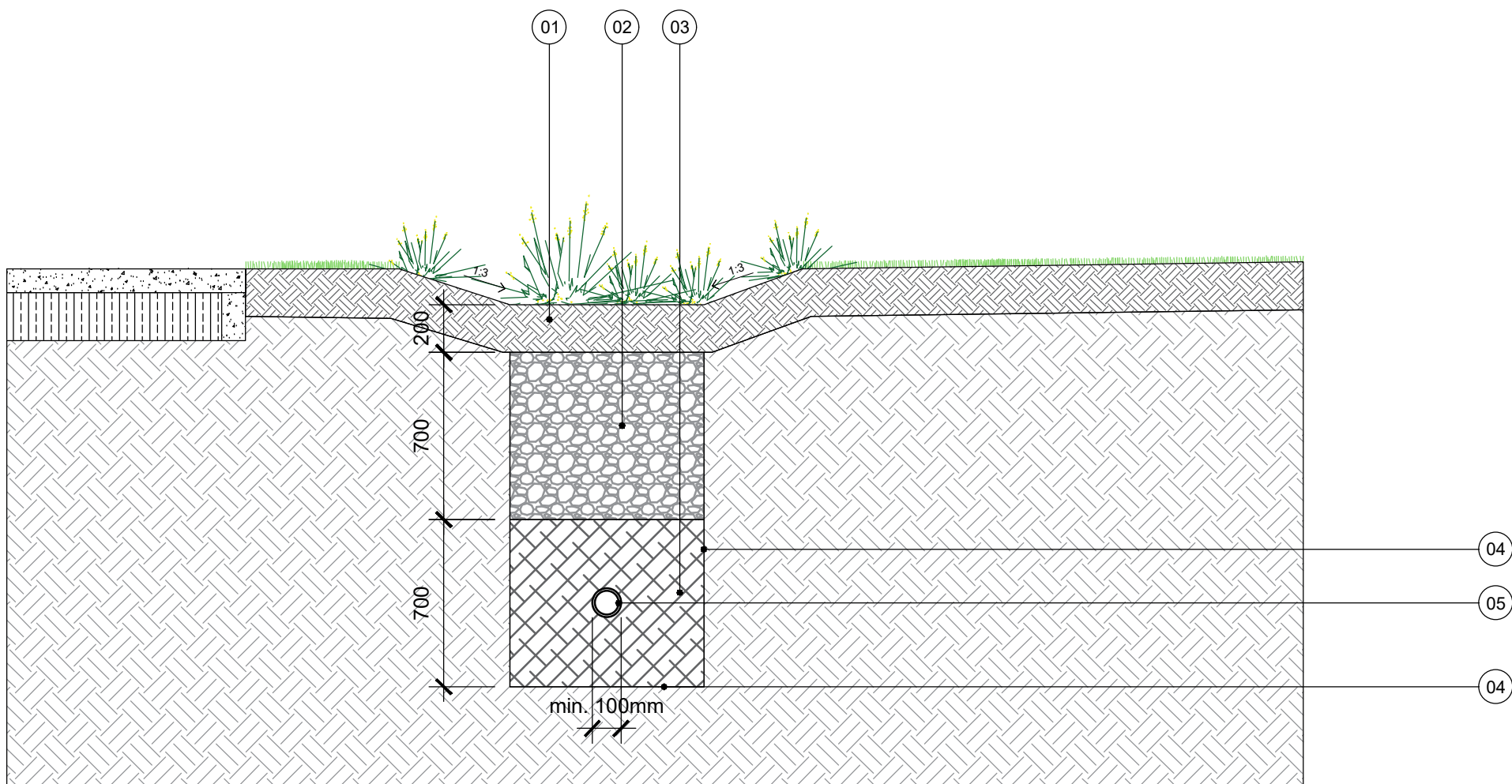
Key plan NTS

NOTES

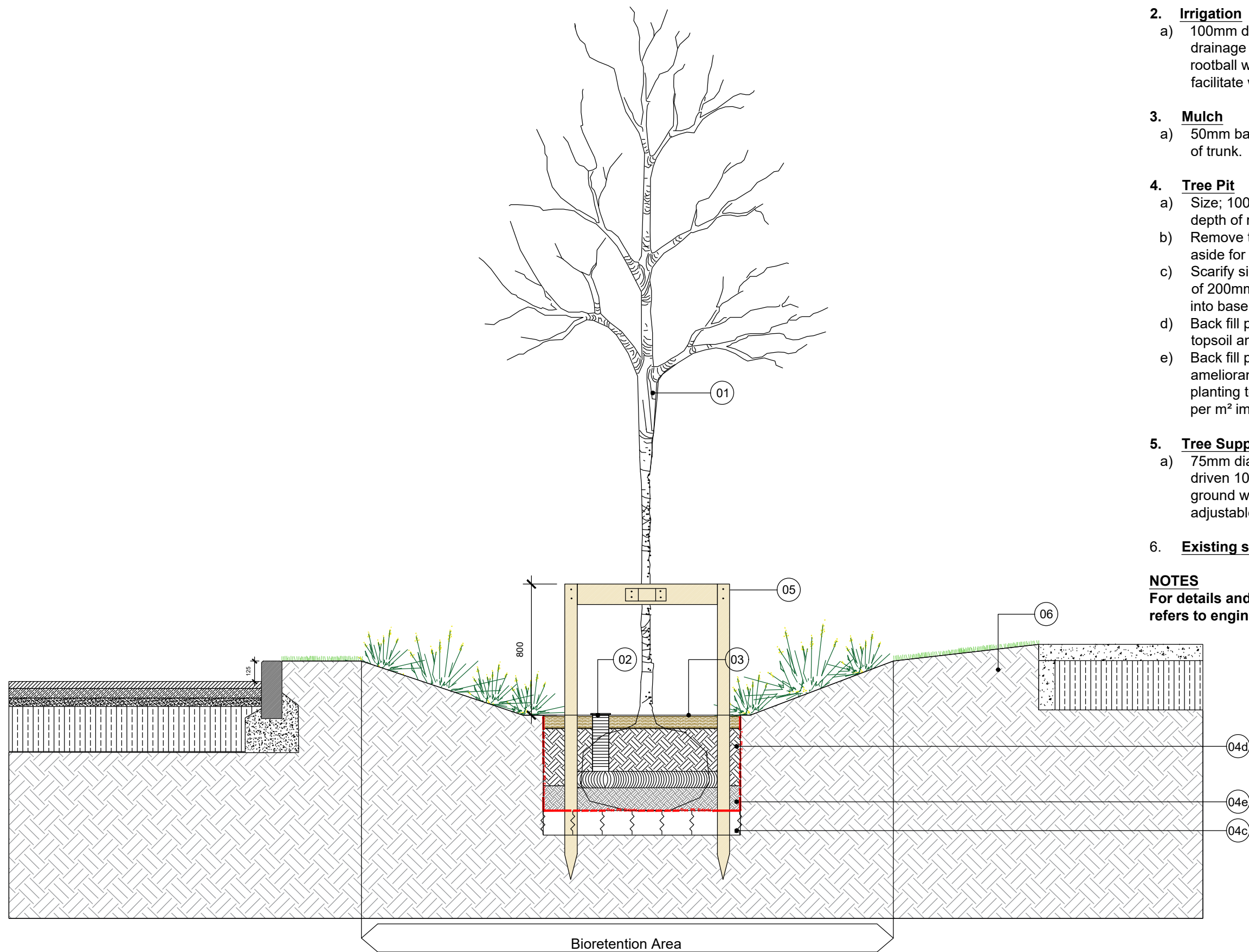
- 'Root Zone' topsoil
- 700mm pea gravel depth to BS 882
- 700mm sand filter media 1mm to 0.5mm nominal size
- Permeable geotextile filter fabric
- Perforated pipe/underdrain system (100mm min. dia.) wrapped in permeable geotextile (terram 1000 or similar)

NOTES

For details and specifications please refers to engineers drawings



TP1 Bioretention swale detail
SCALE: 1:25@A1



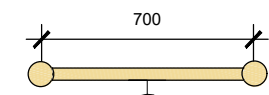
TP2 Standard tree pit Double stake
SCALE: 1:25@A1

NOTES

- Tree** to have a clear stem height of 2000mm.
- Irrigation**
 - 100mm diameter perforated flexible plastic drainage pipe positioned as shown over rootball with one end open to surface to facilitate watering.
- Mulch**
 - 50mm bark mulch in 1000mm Ø circle to base of trunk.
- Tree Pit**
 - Size: 1000x1000x500mm. Excavation to depth of rootball.
 - Remove the specified depth of topsoil and set aside for reuse.
 - Scarify sides, break up base of pit to a depth of 200mm and incorporate a soil ameliorant into base.
 - Back fill pit with subsoil allowing 450mm for topsoil and mulch layers.
 - Back fill pit with topsoil mixed with soil ameliorants in 150mm firmed-in layers. All planting to receive a minimum of 25lt water per m² immediately after planting.
- Tree Support**
 - 75mm diameter stakes pressure treated driven 1000mm below ground 800mm above ground with specified biodegradable adjustable tie affixed to tree & stake.
- Existing sub-soil**

NOTES

For details and specifications please refers to engineers drawings



Double stake detail

REV	DATE	AMENDMENT
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PROJECT:
Modifications to Parklands Pointe
Apartments SHD ABP-305563-19
Fortunestown Lane & Parklands Parade,
Saggart, Co.Dublin.
DRAWING:
BIORETENTION AREA
CROSS SECTIONS

DATE: MAY 2024
SCALE: 1:100 @ A1
DRAWN: OD
CHECKED: NC
DRAWING NO: 23442-2-125