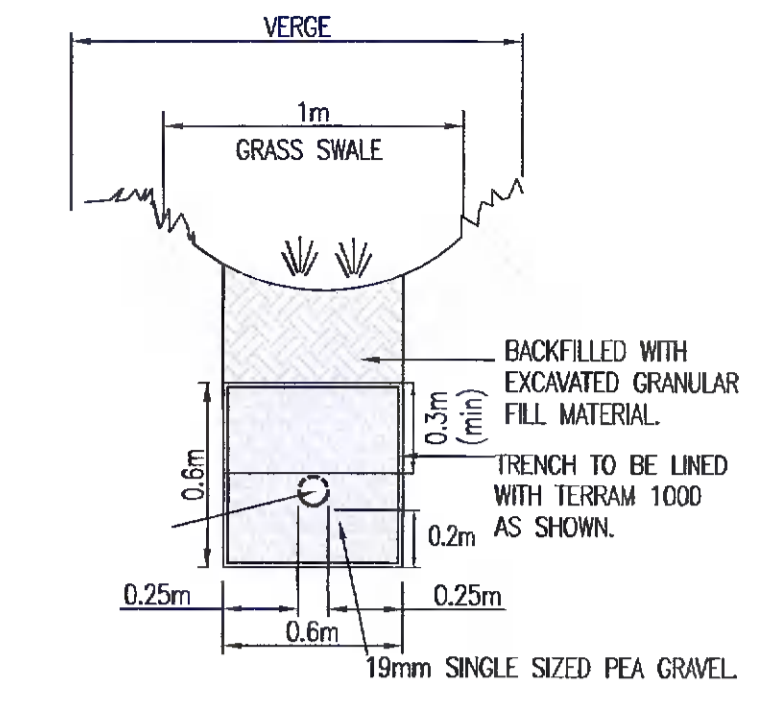


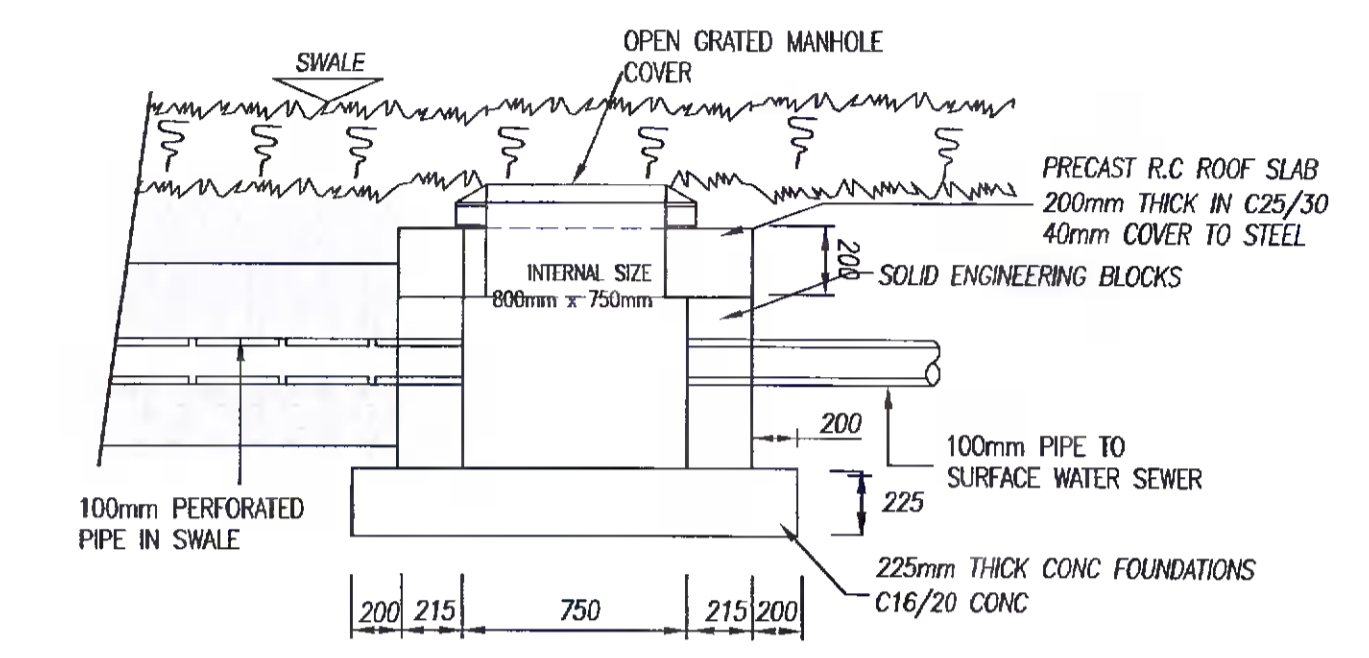
PROPOSED SURFACE WATER DRAINAGE LAYOUT
1:500 @ A1

NOTE*
ROOT BARRIER:
TO BE PLACED AT THE BOTTOM AND SIDES OF TREE ROOT BALL. TREE ROOTS GROW TO MAX. DEPTH OF 450mm. ROOT BARRIER AT 600mm DEPTH. SPECIFICATION: REROOT 600 - AS PER LANDSCAPE ARCHITECTS ADVICE.
- MATERIAL: HDPE
- DURABILITY: 50 YEARS LIFE EXPECTANCY

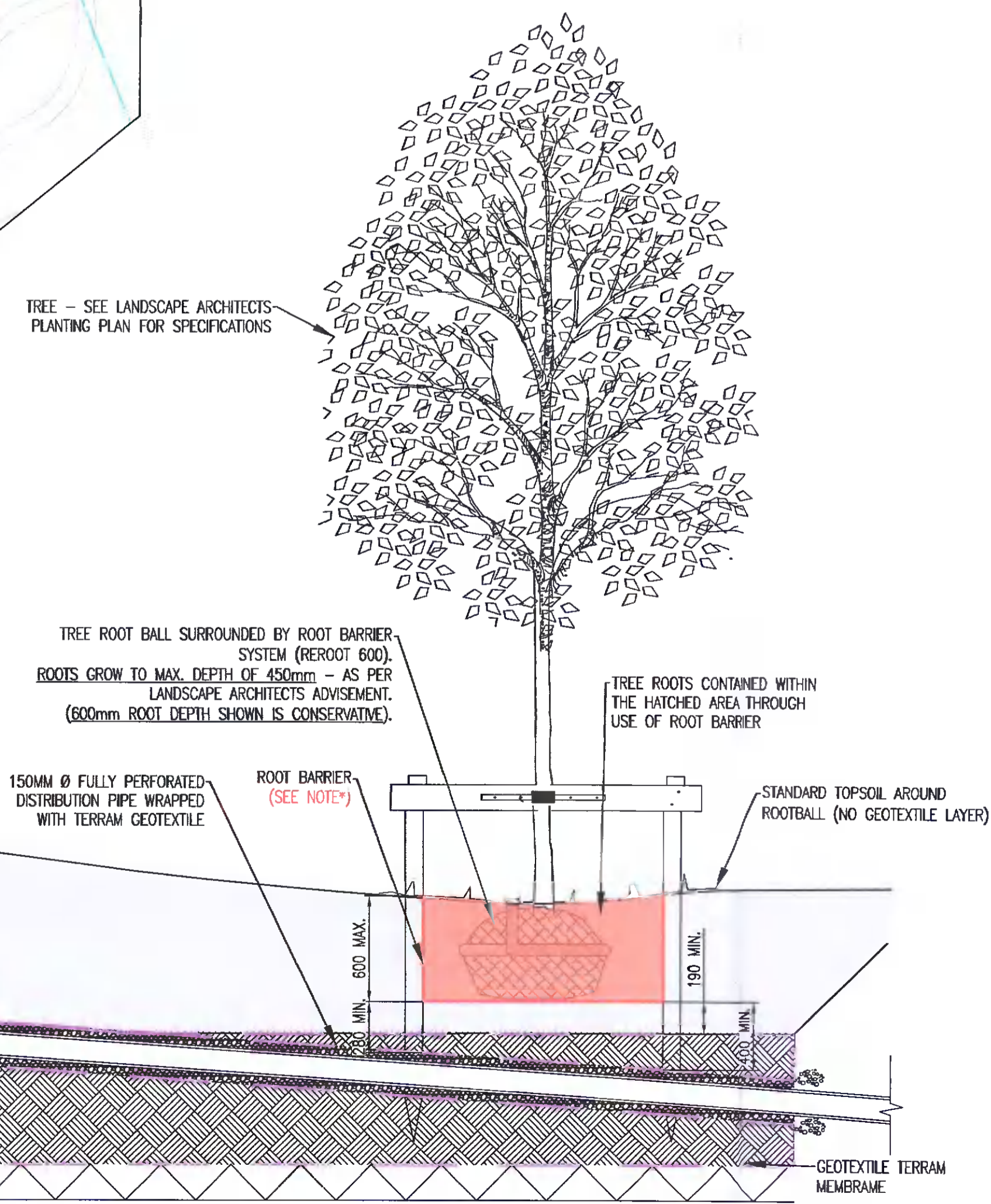
NOTE*
STRUCTURAL SOIL:
TO BE PLACED AROUND THE PERMEABLE PIPE BELOW THE BIO RETENTION TREE PIT. SPECIFICATION: ROOTGUARD - AS PER LANDSCAPE ARCHITECTS ADVICE.
- MATERIAL: NON-WOVEN GEOTEXTILE EXTRUSION COATED WITH HDPE
- DURABILITY: 25 YEARS



TYPICAL SECTION THROUGH PROPOSED SWALE/ FILTER DRAIN
SCALE 1:25 @A1



OUTLET MANHOLE IN SWALES



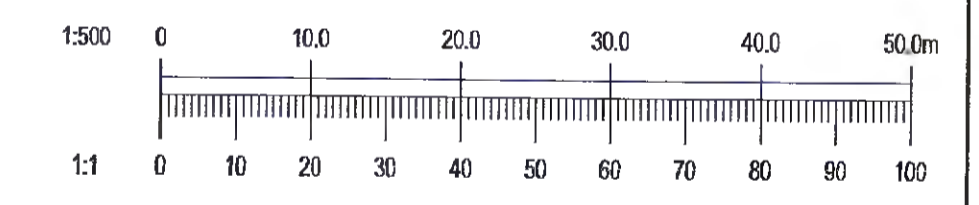
TYPICAL SECTION THROUGH TREE PIT
SCALE 1:25 @ A1

- NOTES:
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

LEGEND:

LEGEND:

- SITE BOUNDARY
- EXISTING PRIVATE SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL.
- EXISTING SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL.
- PROPOSED SURFACE WATER SEWER WITH PIPE SIZE, GRADE, MANHOLE REF. AND INVERT LEVEL.
- PROPOSED ROAD GULLY
- PROPOSED OUTFALL MANHOLE
- PROPOSED CONCRETE CHANNEL
- INDICATES PETROL INTERCEPTOR
- INDICATES PROPOSED GRASS SWALE WITH FILTER DRAIN
- INDICATES PROPOSED SWALE OUTLET MANHOLE
- INDICATES PROPOSED TREEPI/SOAKAWAY



A	10/21	FURTHER INFORMATION SUBMISSION	GB	KV
REV.	DATE	AMENDMENT	DRN	APPD

STATUS **FOR PLANNING ONLY**
NOT FOR CONSTRUCTION

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CLIENT	GO-AHEAD IRELAND
ARCHITECT	
PROJECT	GO-AHEAD BUS DEPOT, BALLYMOUNT ROAD, DUBLIN 12
TITLE	PROPOSED SURFACE WATER DRAINAGE LAYOUT

DRAWN	DESIGNED	APPROVED	DATE
CF	EN	BG	JULY '21
SCALE	JOB NO.	DRG. NO.	REVISION
1:500 @A1	17-130	P200	A

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