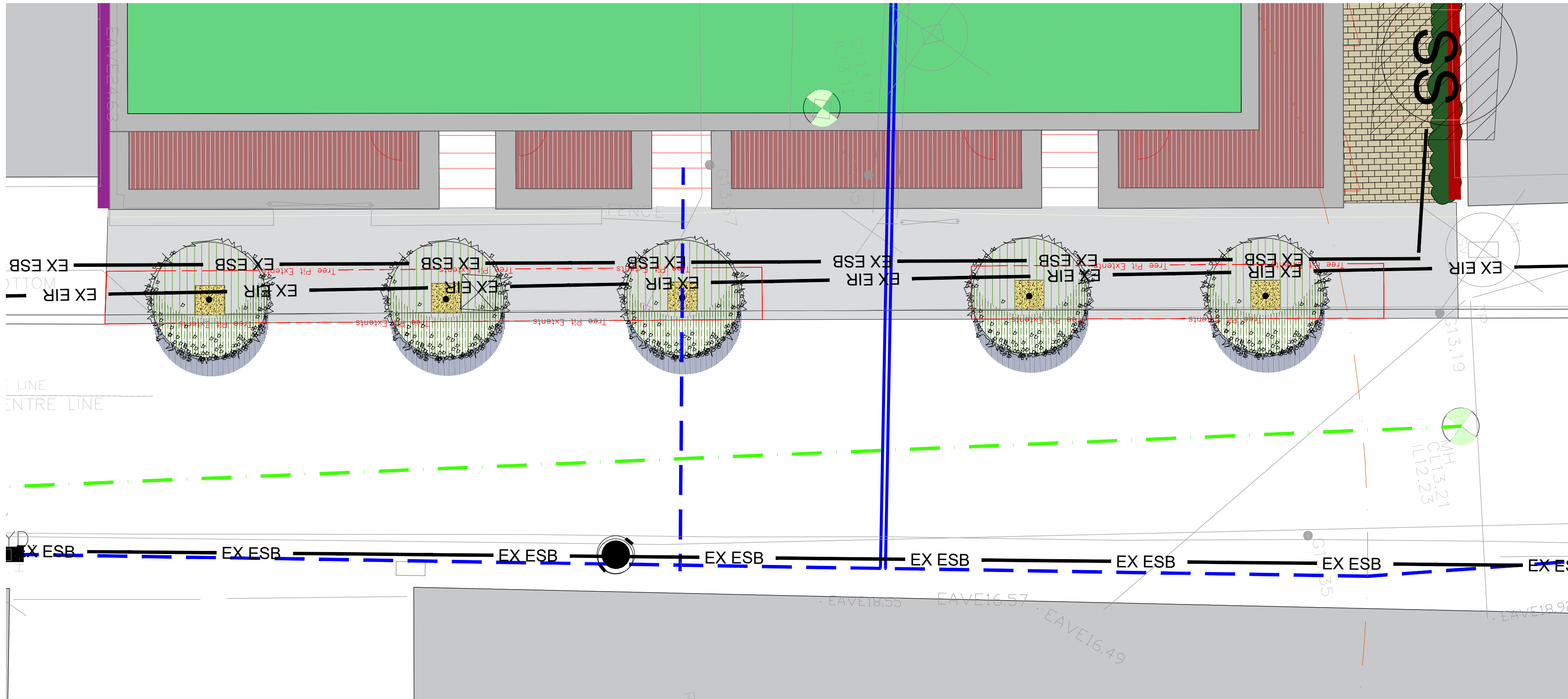
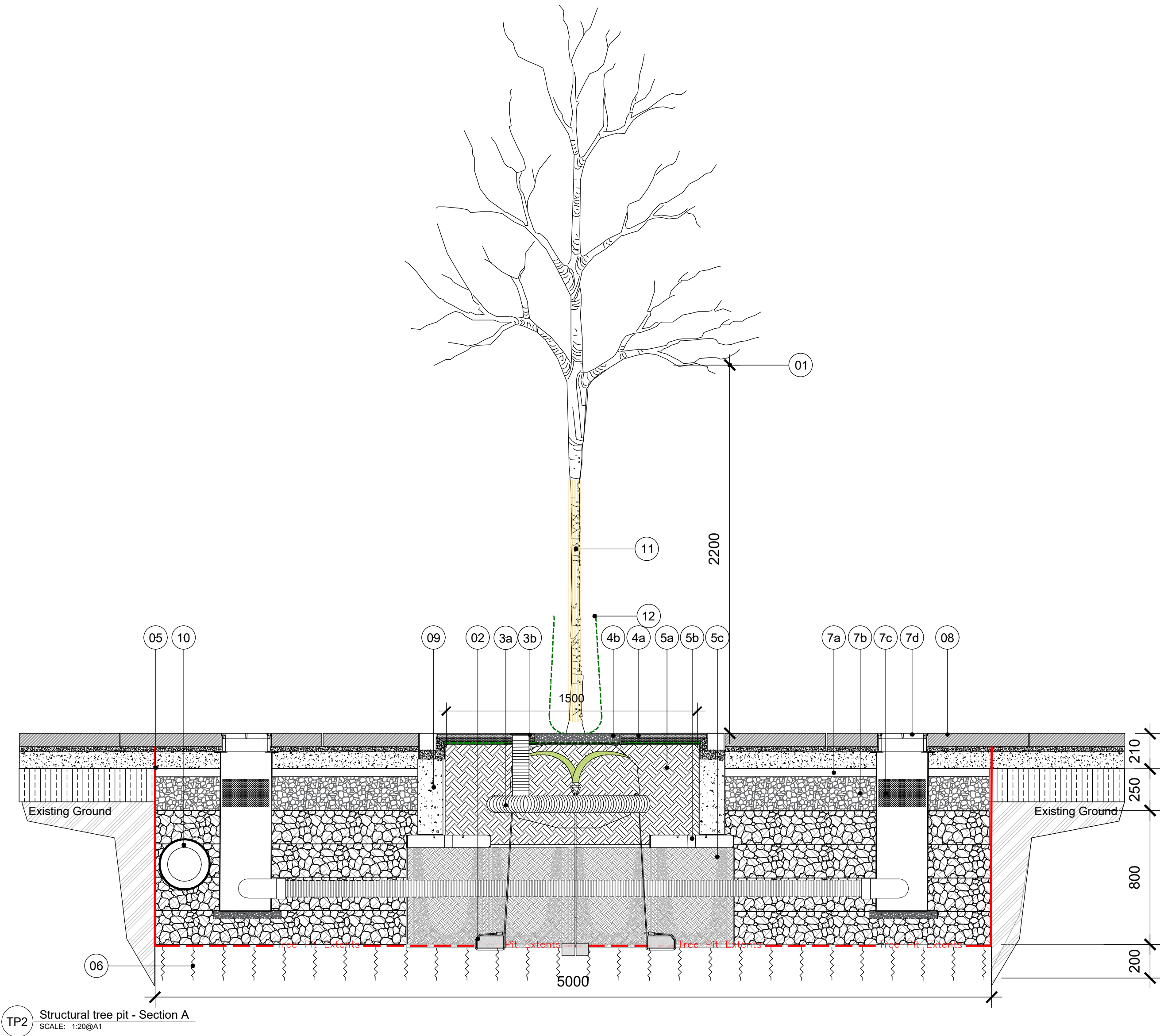




DETAILED PLAN - 1:100 @ A1



KEY PLAN - NTS



TP2 Structural tree pit - Section A
SCALE: 1:20@A1

NOTES

- Tree to have a clear stem height of 2200mm.
- Tree Support**
 - Deadman anchoring system attached to concrete structure, with four high tensile wires, root-ball protection and ratchet strap.
- Irrigation**
 - 100mm diameter perforated flexible plastic drainage pipe positioned as shown around rootball.
 - Stainless steel access cover
Size: 100x100mm.
- Surfacing**
 - 50mm layer of 10mm resin bound gravel laid on a geo-textile membrane.
 - Ø500mm metal collar to protect tree stem.
- Tree pit**
 - Planting soil**
Volume: 1.5m³
Soil composition: Approved sandy loam.
 - Rootspace 600 Tree cell module with airflow lid or equivalent.**
Size: 600x90x500mm Volume per cell: 0.15m³
No of cells per pit: 16 Volume 2.35m³.
 - Free draining planting soil**
Soil composition approved sandy loam
 - CU Structural soil** ®
Supplier: Landtech soils
Composition: 20-40mm crushed rock with soil installed in 200mm layers.
Volume 12.8m³.
- Loosening of subsoil to a depth of 200mm
- Aerating bearing layer**
 - 50mm crushed stone, 8-12mm in size
 - 200mm crushed stone, 35-70mm in size.
 - Air Inlet.
 - Access cover 290x290mm.
- Paved Surface
- Precast concrete retaining structure.
Size: 125mm thick section
- Polypropylene root barrier membrane to protect utility ducts in structural soil.
- Tree stem protection**
Willow wrap
- Slow release watering bag**
Capacity: 50 liters

LEGEND	
	GULLY
	PROPOSED TWIN WALL SURFACE WATER PIPES
	EXISTING SURFACE WATER PIPES
	PROPOSED PVC FOUL SEWER PIPES
	EXISTING FOUL SEWER PIPES
	PROPOSED 125mm PE WATERMAIN
	EXISTING WATERMAIN
	BOUNDARY LINE
	PROPOSED SURFACE WATER MANHOLE
	PROPOSED FOUL SEWER MANHOLE
	EXISTING MANHOLE
	PROPOSED MANIFOLD SUPPLY
	PROPOSED AIR CHAMBER
	COVER LEVEL
	INVERT LEVEL
	ANCHOR/THRUST BLOCK
	SLUICE VALVE
	SCOUR VALVE
	HYDRANT
	DRY RISING MAIN
	AIR VALVE
	WATER METER
	DROP MANHOLE
	ELECTRIC POLE
	TELEPHONE POLE
	LAMP POST
NOTES: ALL LEVELS RELATE TO MALIN HEAD DATUM.	

LEGEND:

	EXISTING ESB UNDERGROUND DUCTING
	TO BE REMOVED FROM SITE AS PART OF THE WORKS
	NEW ESB MV UNDERGROUND DUCTING
	NEW ESB LV UNDERGROUND DUCTING
	EXISTING ESB OVERHEAD CABLING
	EXISTING OVERHEAD EIR CABLES
	NEW 110mm VIRGIN DUCTING
	EXISTING ESB MV UNIT SUBSTATION
	EXISTING ESB MV UNIT SUBSTATION TO BE DECOMMISSIONED & REMOVED FROM SITE.
	EXISTING ESB POLE

REV	DATE	AMENDMENT
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PROJECT:
TEMPLAR PLACE SHD

DRAWING:
TREE LOCATION & SERVICES

DATE: JUNE-21

SCALE: AS SHOWN @ A1

DRAWN: PG
CHECKED: DOL

DRAWING NO: 20445-2-103

