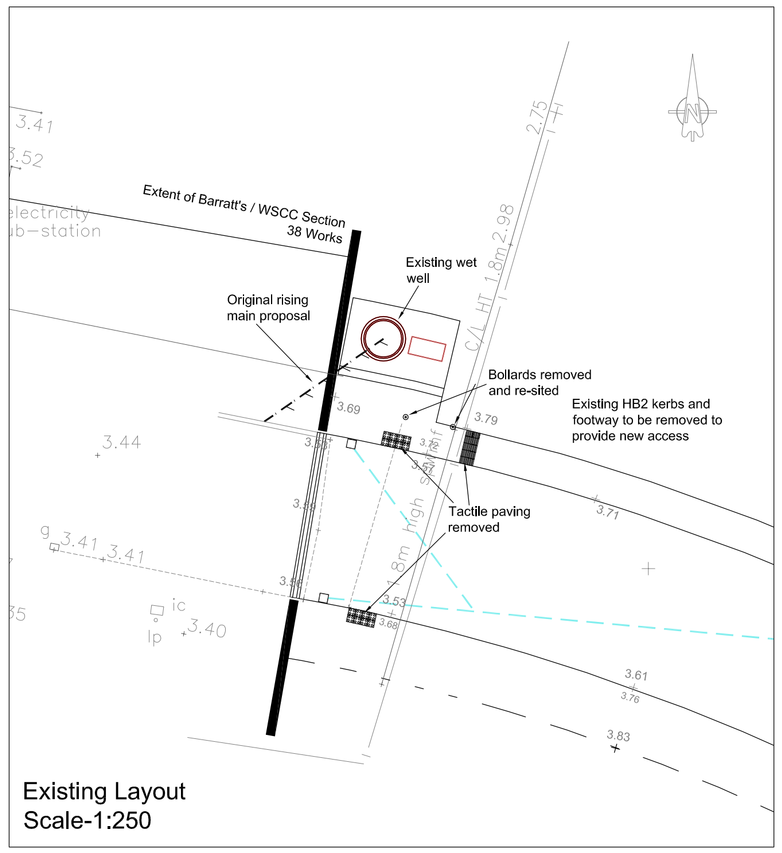
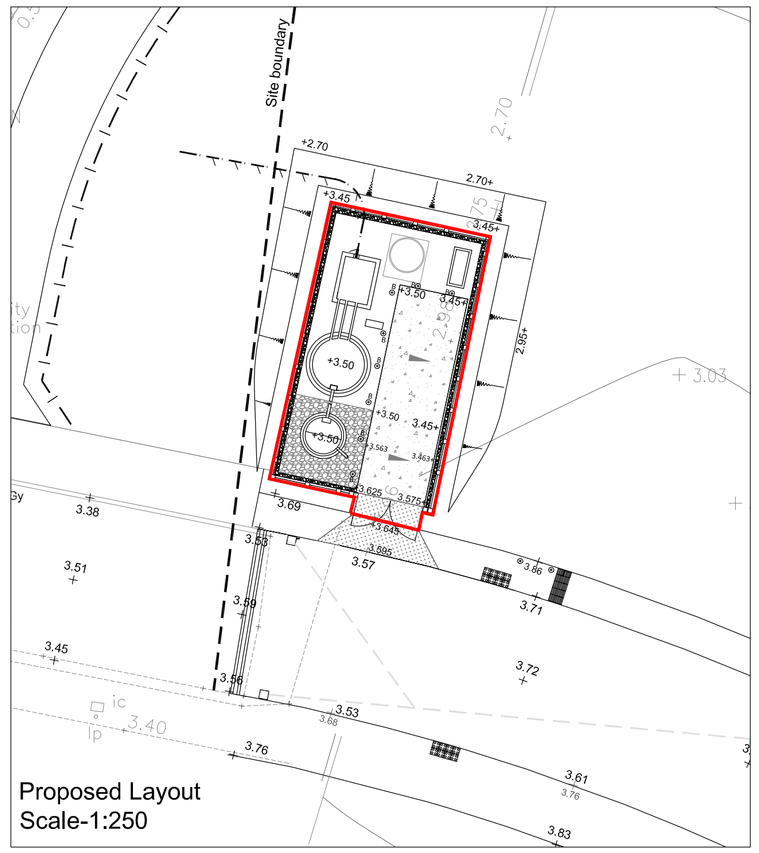
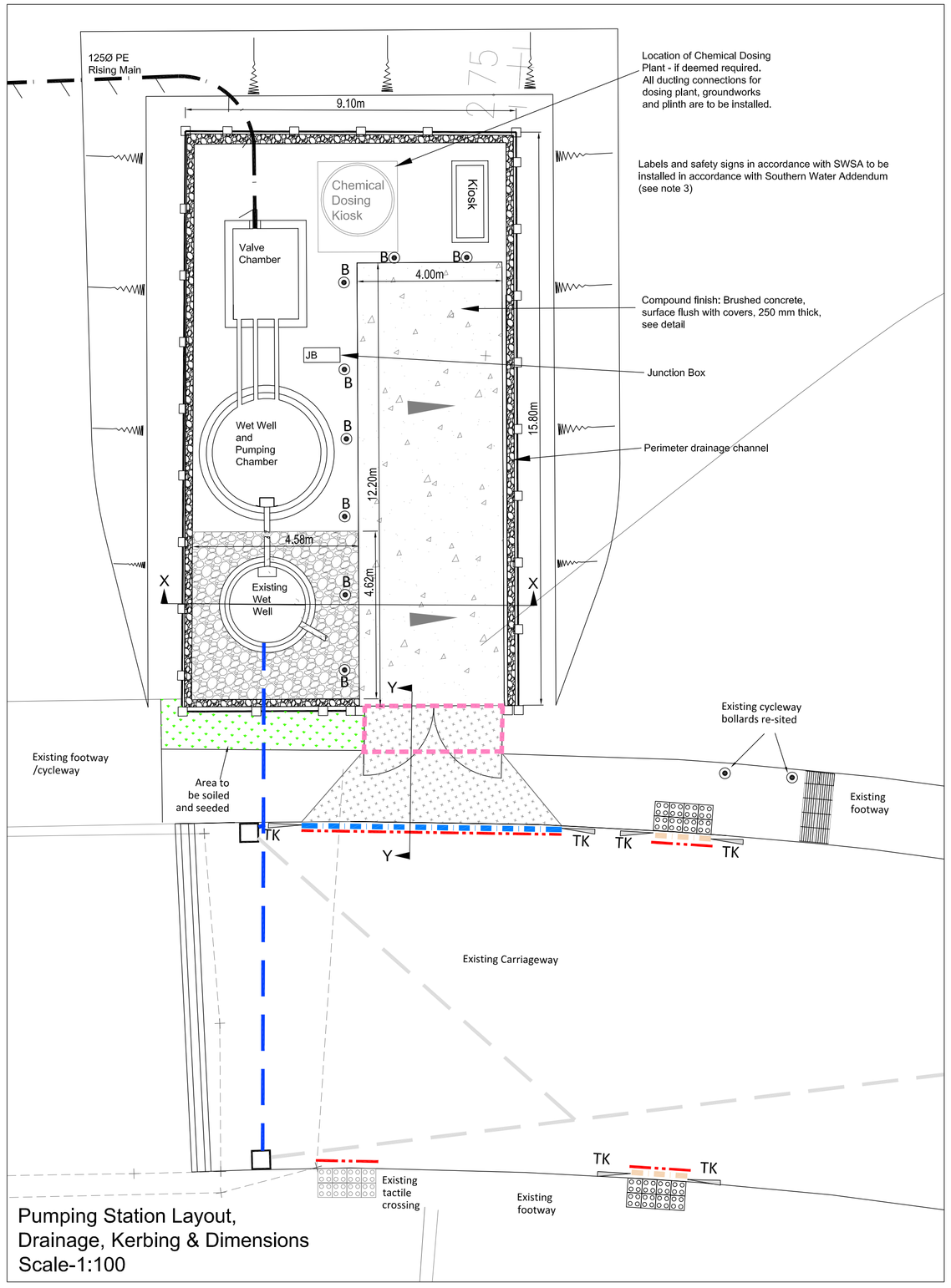


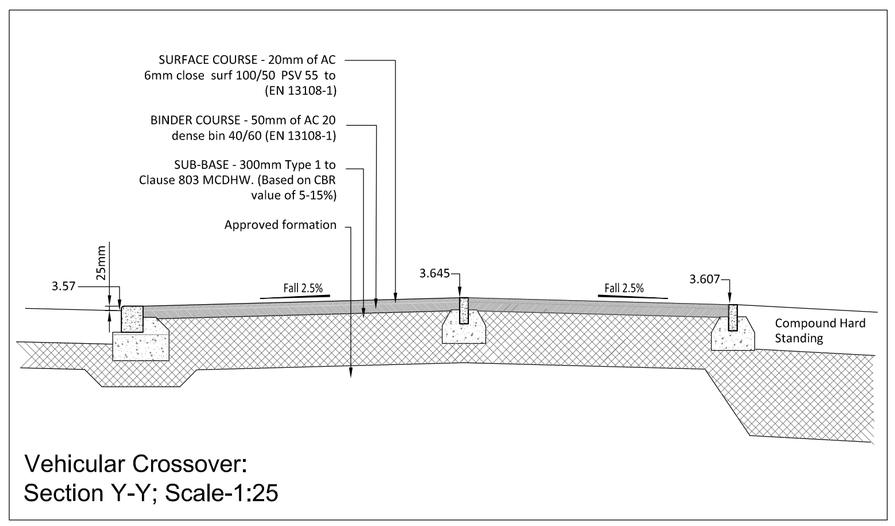
Existing Layout
Scale-1:250



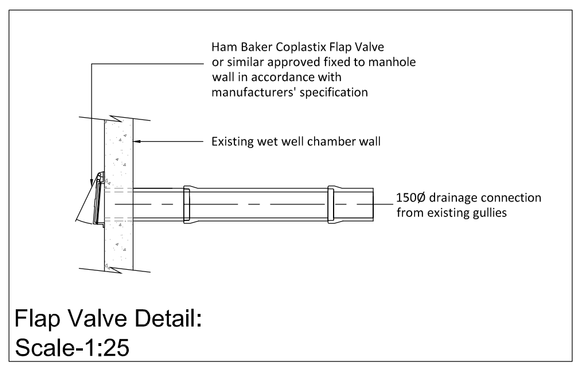
Proposed Layout
Scale-1:250



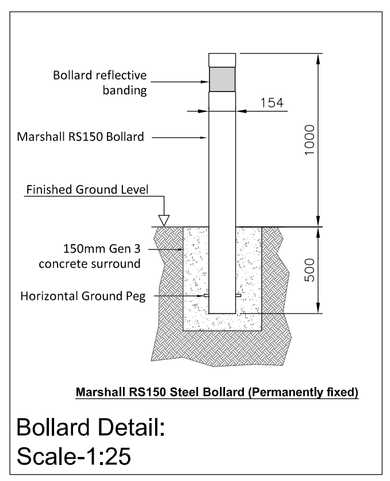
Pumping Station Layout,
Drainage, Kerbing & Dimensions
Scale-1:100



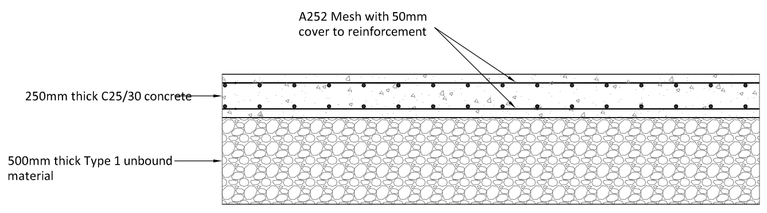
Vehicular Crossover:
Section Y-Y; Scale-1:25



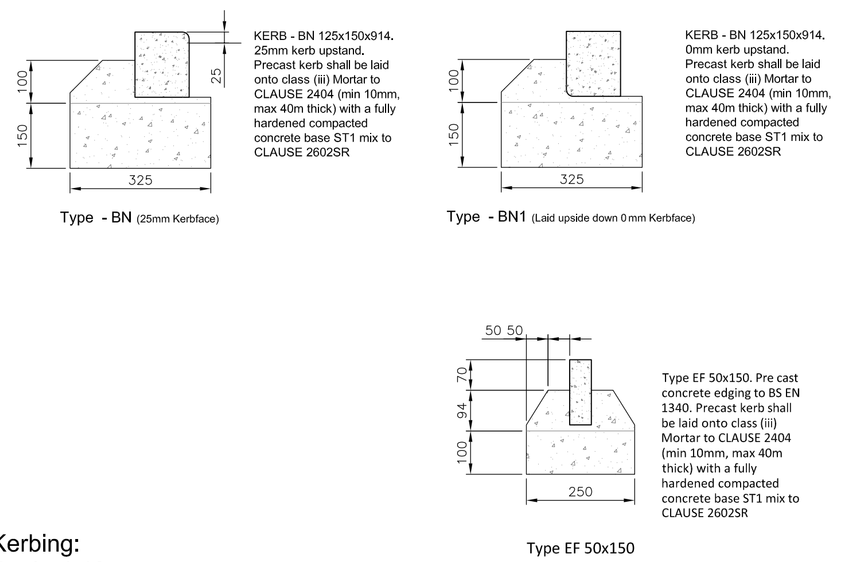
Flap Valve Detail:
Scale-1:25



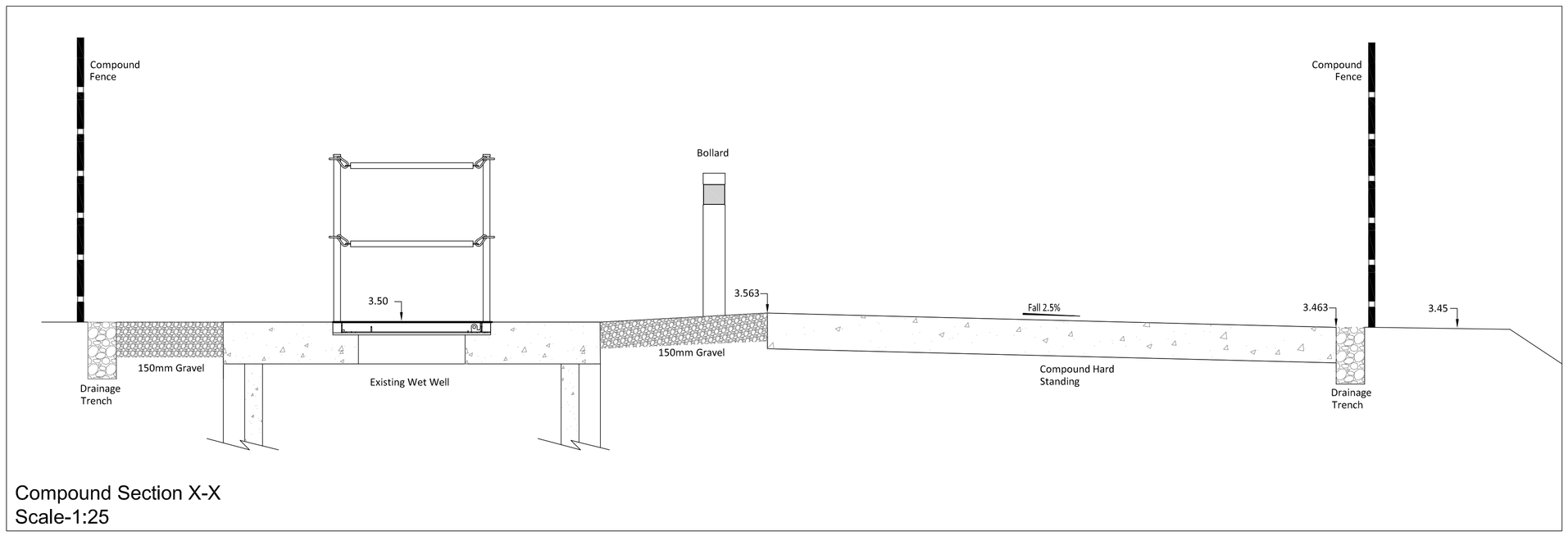
Bollard Detail:
Scale-1:25



Compound Hardstanding:
Scale-1:25



Kerbing:
Scale-1:10



Compound Section X-X
Scale-1:25

Notes:

1. Drawing to be read in conjunction with Willow Pumps drawings:
A9469-01 Foul Water Pumping Station Elevation
A9469-02 Foul Water Pumping Station Plan
A9469-03 Foul Watr Pumping Station Site Plan
A9469-04 Foul Water Pumping Station Kiosk And Junction Box Detail
A9469-05 Foul Water Pumping Station Chemical Dosing Unit
A9469-06 Foul Water Pumping Station Chemical Dosing Unit Plinth
A9469-07 Foul Water Pumping Station Earthing Arrangement
A9469-08 Foul Water Pumping Station Hazardous Area Plan

2. Currently existing wet well is used as storage for discharge from the commercial development. Contractor should be aware that discharge from the commercial development will continue during the construction works associated with the existing wet well. Provision must be made to ensure commercial development requirements are not interupted.

3. Pumping station has been designed in accordance with WRc 'Sewers for Adoption' 7th ed. and Southern Water Supplementary Addendum MED4006 (SWSA). It is subjet to technical approval from Southern Water and the completion of a Section 104 Agreement.
NOTE Labels and safety signs in accordance with SWSA must be provided and installed. Details can be found on Page 10 of SWSA.

Key:

- Pumping Station Compound Fencing: 1.8m high close boarded morticed fencing, set in concrete posts, with cocrete gravel boards in accordance with BS1722: Part 5, PCR 180B. Gate posts to be concrete.
- New connection from existing gullies discharging into existing wet well. Plastic flap valve with metal pin to be installed on pipe inlet into chamber.
- Existing Gully drainage pipes to be disconnected and filled with foamed concrete, connection to manhole to be sealed.
- Bollard: Marshall steel RS150
- 2.70+ Proposed level
- +2.56 Exsting level
- Compound perimeter drainage: 200mm wide x 450mm deep of 40mm rejects drainage over terram around perimeter
- Pump station compound hardstanding (see detail)
- New vehicle crossover (see detail)
- Area to be topsoiled and seeded
- Area to have 150mm gravel surface
- Adopted site boundary

Kerbing:

- Type EF Edging
- Type BN Kerbing with 25mm upstand
- Type BN1 Kerbing with 0mm upstand
- Existing Channel Block
- TK Taper Kerb

Rev.	Date	Details	Initials
E	10.03.16	Sections and additional levels added	KN
D	08.03.16	Amendments to compound levels & kerbing, gravel added	KN
C	10.01.16	Amended to Southern Water comments	KN
B	22.11.15	Compound adjusted	KN
A	13.11.15	First issue	KN

Drawing Status
PRELIMINARY FOR TENDER

Project
OLDLANDS FARM
FELPHAM

Client
BERICOTE PROPERTIES

ESCHER · SILVERMAN
Civil & Structural Consulting Engineers
The Stables, Lone Barn Studios, Stanbridge Lane, Romsey, Hampshire. SO51 0HE.
Tel: 01794 521213. Fax: 01794 522195. email: mail@eschers.co.uk
www.escherssilverman.co.uk

Drawing Title
Engineering Details
Pumping Station

Drawn	Checked	Scales	Paper Size	Date
KN	KM	As Shown	A1	11.15
Job No.		Drawing No.		Revision
ES1541		502-02		E

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ARUN DISTRICT COUNCIL BE/421/DO/DC