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Disclaimer

This drawing is to be read in conjunction with all other relevant drawings and specifications.

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Issue No	Date	Drawn	Chk'd
C5	12-06-20	NR	JR
C4	04-06-20	AR	NR
C3	21-05-20	AR	NR
C2	15-05-20	AR	NR
C1	01-05-20	AR	NR

Construction Issue

CHARTWAY
CONSTRUCTION

Project:

- Land at Thanet Way
- Whitstable, Kent
- Phase 1

Title:

- S104 Agreement Plan
- Sheet 2 of 2

Scale: 1:500 @ A1 CAD File No: CON597-3500

Date: Dec 2019 Drawn: AR Design: AR Checker: JR Issue: 10

Drawing No: CON597 - 3501 Revision: C5

S104 KEY

- S104 DEVELOPERS OWNERSHIP BOUNDARY - GREEN
- S104 ADOPTABLE FOUL WATER PIPE-RUN DIAMETER/GRADE
- S104 ADOPTABLE FOUL MANHOLE
- S104 ADOPTABLE FOUL TYPE C MANHOLE
- S104 ADOPTABLE STORM WATER PIPE-RUN DIAMETER/GRADE
- S104 ADOPTABLE STORM WATER MANHOLE
- S104 ADOPTABLE STORM WATER TYPE C MANHOLE
- ADOPTABLE HEADWALLS
- HIGHWAYS STORM WATER PIPE-RUN DIAMETER/GRADE
- HIGHWAYS STORM WATER MANHOLE
- HIGHWAYS STORM WATER TYPE C MANHOLE
- HIGHWAYS HEADWALLS
- CELLULAR STORAGE
- ADOPTABLE ROAD GULLY
- EARTHWORKS
- ADOPTABLE BACK DROP

BD IL: 29.25
BD IL: 30.10

A swale has been provided adjacent to the football pitch in order to collect all surface water run-off from the pitch. The purpose of the swale is both to convey the surface water run-off to an attenuation basin and to be the first method of treatment for the surface water run-off. The surface water run-off from Road 3 is also collected by gullies and routed via a piped network to the attenuation basin. The attenuation basin provides additional treatment to the surface water. The attenuation basin has been sized appropriately to suit a worst case storm event, 1 in 100year +40% climate change and the discharge from the attenuation basin has been restricted to a suitable discharge rate of 2lit/s, in order to utilise the full capacity of the attenuation basin, whilst still maintaining 299mm freeboard.

Gabion mattress with UV stabilised PVC coated mesh, as per BS4492-2, filled with 80-150mm granite stones, in order to disperse and reduce the flow rate.

Swale to catch runoff from the football pitch

600mm culvert to maintain existing ditch flow under proposed road.