REFER TO DRAWING E10 FOR ONSITE DRAINAGE LAYOUT

REFER TO DRAWING E15 FOR ONSITE DRAINAGE LAYOUT

REFER TO DRAWING E15 FOR ONSITE DRAINAGE LAYOUT

New 1800Ø PPC Adoptable Manhole CL = 3.900 IL = 1.690 (600mmØ)

Proposed proprietary foul pumping station. To be designed by specialist supplier Pumped flow rate = 3l/s

Private rising main

600@1:500

Proposed 1200mmØ Adoptable foul MH, Break Chamber CL = 3.500 IL = 2.390

New 1800Ø PPC Adoptable Manhole CL = 3.500 IL = 1.935 (600mmØ)

Existing AW Foul MH, Ref. 1800 CL = 3.57 IL = 2.240 (150mmØ) IL taken from Pre-Development report. IL must be confirmed by site survey/construction

PLOT 4

PLOT 5

PLOT 6

PLOT 3

GARAGE FFL 4.500

REFUSE SET DOWN AREA

CHESTNUT TERRACE

FOOTPATH

Overgrown Field

Dense Vegetation No Access

New 1800Ø PPC Adoptable Manhole CL = 3.500 IL = 1.600 (600mmØ)

S33 PCL = 3.500 IL =1.778

Proposed proprietary foul pumping station. To be designed by specialist supplier Pumped flow rate = 3l/s

New 600Ø PPC Adoptable Manhole CL = 3.500 IL = 1.560 (600mmØ)

Online detention basin providing storage for the 1 in 100 year storm event + 40% allowance for climate change
IL at outfall = 1.256
Fall across pond 1 in 500
Maximum water level = 2.256
side slopes of 1 in 3
micropool provided at outfall
total volume required = 215m³

New Headwall IL = 1.516

New Headwall IL = 1.256

New 1800Ø PPC Adoptable Manhole: build over existing AW 900Ø storm sewer CL = 3.8400 IL = 0.989 (900mmØ) IL = 1.195 (600mmØ) New incoming 600mmØ connection from development

Existing Anglian Water 900Ø storm sewer

New PPC Adoptable Flow Control Chamber CL = 3.600 IL = 1.210

GENERAL

Do not scale from this drawing.

All dimensions are in millimetres unless noted otherwise.

All setting out to architects drawings.

Drawing to be read in conjunction with all other SEA drawings and architects drawings.

This scheme has been designed using the survey information provided by others. It shall be the responsibility of the contractor to verify levels, boundaries etc prior to commencing any works on site. SEA Structural Engineers Ltd. shall not accept any responsibility for errors resulting from the survey.

All setting out of houses and private drives/footpaths to be in accordance with the Architect's drawings, the Contractor is to check all dimensions and levels prior to commencement of work and report any discrepancies to the Engineer, including any encountered during construction works.

All dimensions should be checked on site prior to construction. Please notify the Engineer of any discrepancies before commencing or continuing any work.

DRAWING KEY:

Proposed AW adoptable storm water sewer

Existing AW storm sewer

Rev.	Date	By	Description
A	29.10.20	SEA	Detention basin added to suit amended strategy

STRUCTURAL ENGINEERS
[CONSULTING CIVIL & STRUCTURAL ENGINEERS]
E: enquires@seastructuralengineers.co.uk
T: 01832 272352

PROJECT
RESIDENTIAL DEVELOPMENT WITHINGTON ST AND CHESTNET TERRACE, SUTTON BRIDGE

DRAWING
OFF SITE STORM WATER LAYOUT

SCALE:	1:250 @A0	DATE:	30.06.2019
DRAWN BY:	SEA	REV:	A
STATUS:	FOR PLANNING		

DWG No: 1886/S/E20 A