

NOTES

- | Return Period
(1x Years) | Peak Outflow (Q)
(l/s) |
|-----------------------------|---------------------------|
| 1 | 0.89 |
| Q bar | 1.05 |
| 30 | 2.41 |
| 100 | 3.34 |
| 200 | 3.92 |

- | Return Period
(1:x Years) | Peak Outflow (Q)
(l/s) |
|------------------------------|---------------------------|
| 100 + 40% | 4 |

Provision of station shall include maintenance manuals, lifting davit, manhole keys etc., and 1 years maintenance from date of substantial completion certificate.



600 x 1000mm D400 grade cover by Main Contractor

Davit socket to be installed

Type 3 Sub Base

Class 6F5 Capping

To Chamber S2

High level alarm/telemetry trigger level

To be confirmed to the Engineer prior to construction

T.B.C.

1500

Incoming pipe invert level 8.900m

Duty / assist pump start level

To be confirmed to the Engineer prior to construction

T.B.C.

Pumps operate in rotation

275mm minimum mix ST4 concrete surround

Start / stop levels shall be confirmed by pump supplier prior to construction

T.B.C.

Ø150 Carrier Drain

Visqueen Top Hat seals on all incoming and outgoing pipe connections

Stage 2 Pour

Stage 1 Pour 300mm C40 Concrete Base

2750

The Contractor shall ensure that there is a watertight interface between the Stage 1 and Stage 2 pours. The tank surround is intended to prevent deformation from hydrostatic pressure and resist flotation

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Hamlet Homes

Elm Grove

Hayling Island

Sections and Details (2 of 2)

DRAWN BY PF	CHECKED BY VC	DESIGNED BY VC/PF
SCALE @ A1 1:25	© DATE May. 2020	STATUS Planning
JOB NO. 30666	DRAWING NO. EX.04	REVISION P1