



Localised flooded volume of 3.139m³ during peak 100yr + 40%CC (+10% urban creep) storm event will be safely contained within development kerbs and will re-enter the network via road gullies located further downstream.

Localised flooded volume of 1.532m³ during peak 100yr + 40%CC (+10% urban creep) storm event will be safely contained within development kerbs and will re-enter the network via road gullies located further downstream.

Localised flooded volume of 2.554m³ during peak 100yr + 40%CC (+10% urban creep) storm event will be safely contained within development kerbs and will re-enter the network via road gullies located further downstream.

Localised flooded volume of 4.204m³ during peak 100yr + 40%CC (+10% urban creep) storm event will be safely contained within development kerbs and will re-enter the network via road gullies located further downstream.

Localised flooded volume of 2.495m³ during peak 100yr + 40%CC (+10% urban creep) storm event will be safely contained within development kerbs and will re-enter the network via road gullies located further downstream.

225mm Ø HIGH LEVEL OVERFLOW TO MH S24 (INVERT LEVEL = 4.717m)

Type 3 Adoptable Foul Pumping Station

Lined Attenuation Basin Max 1 in 3 Side Slopes
Base of Basin Level = 3.100m (Area = 464m²)
Top Water Level = 4.100m
Top of Bank = 4.400m
Impermeable liner to be used in the permanent pond as well as areas of the basin with bunding.

Lined Attenuation Basin Max 1 in 3 Side Slopes
Base of Basin Level = 3.100m (Area = 472m²)
Top Water Level = 4.100m
Top of Bank = 4.400m
Impermeable liner to be used in the permanent pond as well as areas of the basin with bunding.

Lined Attenuation Pond Max 1 in 3 Side Slopes
Base of Pond Level = 2.500m
Top of Water Level = 3.100m (Area = 426m²)
Max Water Level = 4.100m
Top of Bank = 4.400m
Impermeable liner to be used in the permanent pond as well as areas of the basin with bunding.

SWMH S11 COMPLEX CONTROL CHAMBER, HYDROBRAKE DETAILS: "Hydro-brake Optimum"
HEAD = 2.191m
FLOW = 15 l/s PEAK FLOW
HIGH LEVEL OVERFLOW (INVERT LEVEL = 4.100m)

Lined Attenuation Basin Max 1 in 3 Side Slopes
Base of Basin Level = 3.100m (Area = 357m²)
Top Water Level = 4.100m
Top of Bank = 4.400m
Impermeable liner to be used in the permanent pond as well as areas of the basin with bunding.

Lined Attenuation Basin Max 1 in 3 Side Slopes
Base of Basin Level = 3.100m (Area = 1789m²)
Top Water Level = 4.100m
Top of Bank = 4.400m
Impermeable liner to be used in the permanent pond as well as areas of the basin with bunding.

SWMH S77 CONTROL CHAMBER, HYDROBRAKE DETAILS: "Hydro-brake Optimum"
HEAD = 2.191m
FLOW = 5 l/s PEAK FLOW

Lined Attenuation Pond Max 1 in 3 Side Slopes
Base of Pond Level = 0.700m (Area = 265m²)
Top Water Level = 1.900m
Impermeable liner to be used in the permanent pond as well as areas of the basin with bunding.

30m Network Rail Exclusion Zone
(Shown offset from Southern Boundary)

NOTES

- All dimensions are in metres unless stated otherwise.
- Do not scale from this drawing. Only written dimensions are to be used.
- Site layout shown in this drawing is based on ID Partnership Proposed Replan Site Layout Plan, drawing number N812393 203, as issued to RCP in .dwg format on 25/05/2021.
- Topographical Survey as per Siltline Site Survey, drawing number 36FA01, dated August 2016.
- Layout review is subject to receipt of finalised layout proposal and the final highway layout design will be subject to the outcome of consultation with Hampshire County Council.
- All construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Addendum and the specific requirements of Icosa Water.
- The proposed surface water drainage strategy is indicative only and subject to further design development.

KEY

- Site Boundary
- Application Site Boundary
- Section S278 Works By Others (Refer to GTA Consultants Design Drawings for Details)
- Previously Consented Development
- FFL = Proposed Plot/Garage Finished Floor Level
- SSL = Proposed Plot/Garage Structural Slab Level
- Proposed Road Contours
- Exceedance Flow Route
- Adoptable Highway Surface Water Sewers (Hampshire County Council) (Outer diameter of chamber & concrete surround shown)
- Adoptable Surface Water Sewers (Icosa Water) (Outer diameter of chamber & concrete surround shown)
- Adoptable Foul Water Sewers (Icosa Water) (Outer diameter of chamber & concrete surround shown)
- Adoptable PCC Headwalls (Icosa Water)
- Knee Railings Around Attenuation Basins & Ponds
- Life Rings
- Tree Protection Area (Based on Barratt Tree Consultancy Tree Protection Plan, drawing number 16270-873, issued to RCP in .dwg format on 24/09/2019)
- Tree Protection Fencing (Based on Barratt Tree Consultancy Tree Protection Plan, drawing number 16270-873, issued to RCP in .dwg format on 24/09/2019)

SCALE BAR 1:500 at A0

Rev	Date	Details	AC	NW	TWS
A	26.05.21	Layout revised to latest Planning Architect's Site Layout.			

Client:-

BARRATT HOMES

DAVID WILSON HOMES
WHERE QUALITY LIVES

Site:-

Harbour Place,
Forty Acre Farm,
Bedhampton

Drawing Title:-

**REPLAN
EXCEEDANCE
FLOW LAYOUT**

Date: May 2021 Scales: 1:500 at A0

Drawn: AC Checked: NW Approved: TWS

Drawing No. **BSO/E4519/060 A**

FOR INFORMATION ONLY

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