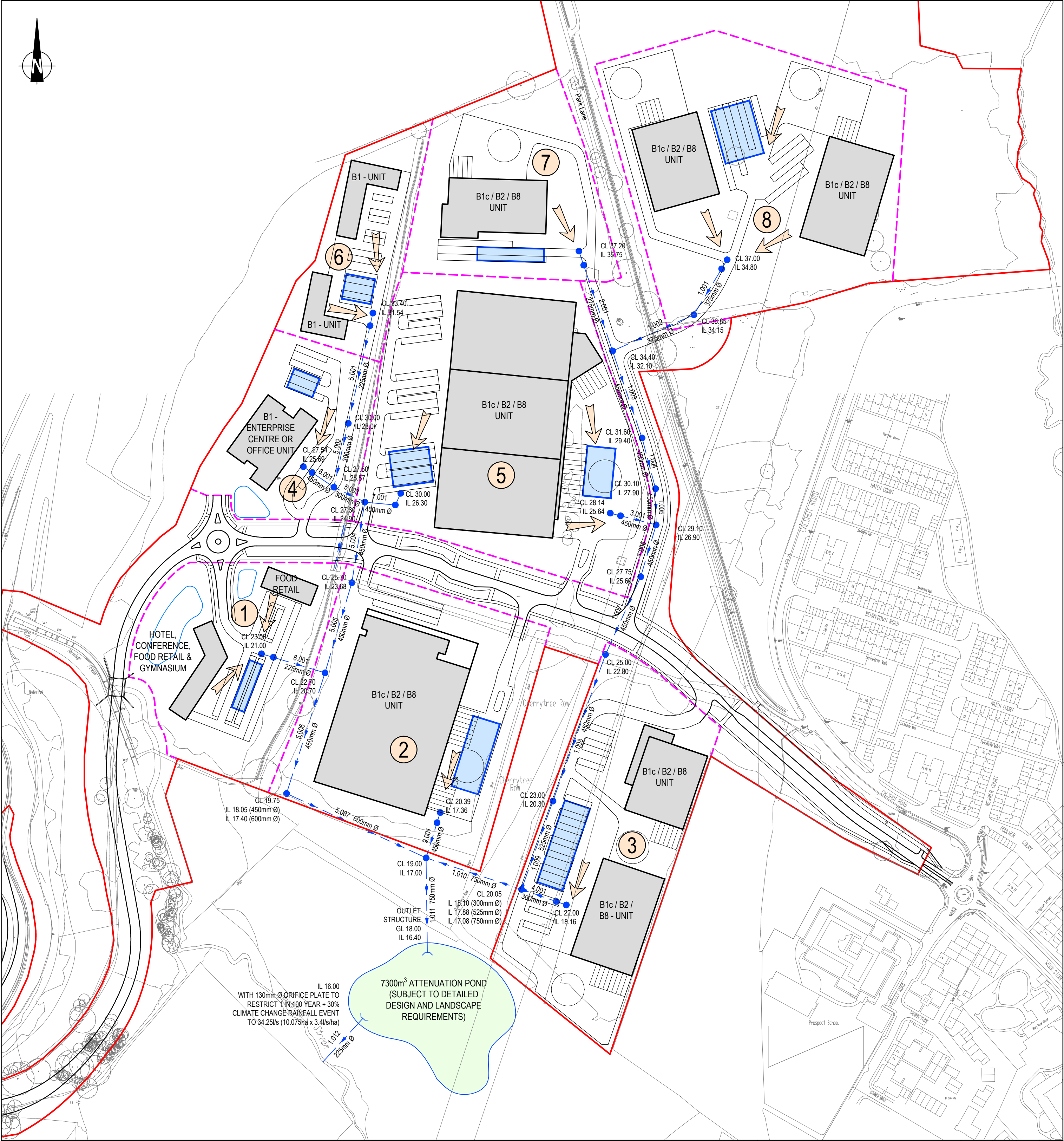




NOTES:

- DO NOT SCALE THIS DRAWING. IF IN DOUBT PLEASE REQUEST FURTHER INFORMATION.
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SURFACE WATER DRAINAGE AND SuDS STRATEGY, REF. 30142/2001/R001.
- DEVELOPMENT AND PLOT LAYOUTS TAKEN FROM BAM DUNSBUY HILL FARM MASTERPLAN OPTION F, 4330/ARCH/1006 REV A, DATED 17TH OCTOBER 2014.
- PROPOSED DEVELOPMENT LEVELS, ROUTE AND SIZE OF PROPOSED SURFACE WATER PIPE NETWORK TAKEN FROM BAM BELOW GROUND DRAINAGE STRATEGY. DRAWING NUMBER 4330/SERVE/5000 REV P3, DATED 10TH MARCH 2015.
- IN ACCORDANCE WITH PLANNING CONDITION A2 FINAL DISCHARGE OFF SITE CANNOT EXCEED 3.4l/s/ha FOR RAINFALL EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR + 30% CLIMATE CHANGE EVENT.

KEY:

- SITE BOUNDARY
- INDICATIVE CATCHMENT BOUNDARY
- PROPOSED SURFACE WATER SEWER
- INDICATIVE SURFACE WATER ATTENUATION (ASSUMED 0.8m DEEP)
- PROPOSED DETENTION BASIN
- SURFACE WATER DISCHARGE LOCATION

SURFACE WATER DRAINAGE ATTENUATION			
PLOT	IMPERMEABLE AREA (ha) ¹	ALLOWABLE DISCHARGE RATE (l/s) ²	MINIMUM RECOMMENDED ON PLOT STORAGE (m ³) ³
1	0.546	9.29	304
2	1.656	28.15	931
3	1.933	32.86	1,040
4	0.477	8.11	246
5	2.278	38.72	1,278
6	0.624	10.61	335
7	0.776	13.20	402
8	1.785	30.34	985
TOTAL	10.075	N/A	5,521

- PLOT IMPERMEABLE AREA TAKEN FROM BAM BELOW GROUND DRAINAGE STRATEGY. DRAWING NUMBER 4330/SERVE/5000 REV P3, DATED 10TH MARCH 2015.
- ALLOWABLE DISCHARGE RATE FOR EACH PLOT = 5 x 3.4l/s/ha x IMPERMEABLE AREA.
- MINIMUM RECOMMENDED ON PLOT STORAGE BASED ON MICRODRAINAGE QUICK STORAGE ESTIMATE BASED ON PLOT IMPERMEABLE AREA AND ALLOWABLE DISCHARGE RATE (1 IN 100 YEAR + 30% CLIMATE CHANGE).

SuDS TREATMENT CHAIN			
PLOT USAGE	TOTAL MINIMUM NO. OF SuDS TREATMENT STAGES REQUIRED	TREATMENT STAGES PROVIDED OFF PLOT	MINIMUM NO. OF TREATMENT STAGES TO BE PROVIDED ON PLOT
HOTEL, CONFERENCE CENTRE AND FOOD STORE	2	1	1
B1	2	1	1
B2	3	1	2
B8	2	1	1

Mark	Revision	Date	Drawn	Chkd	Appd
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SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

Drawing Issue Status

FOR INFORMATION

DUNSBUY HILL FARM

SURFACE WATER STRATEGY AND STORAGE REQUIREMENTS

Client			PORTSMOUTH CITY COUNCIL		
Date of 1st Issue	Designed	Drawn	 Offices throughout the UK and Europe www.peterbrett.com © Peter Brett Associates LLP READING Tel: 0118 950 0761		
15.05.2015	CMB	MJP			
A2 Scale	Checked	Approved	Drawing Number		
1:2000	CMB	DTH			
Revision			30142/2001/001		
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