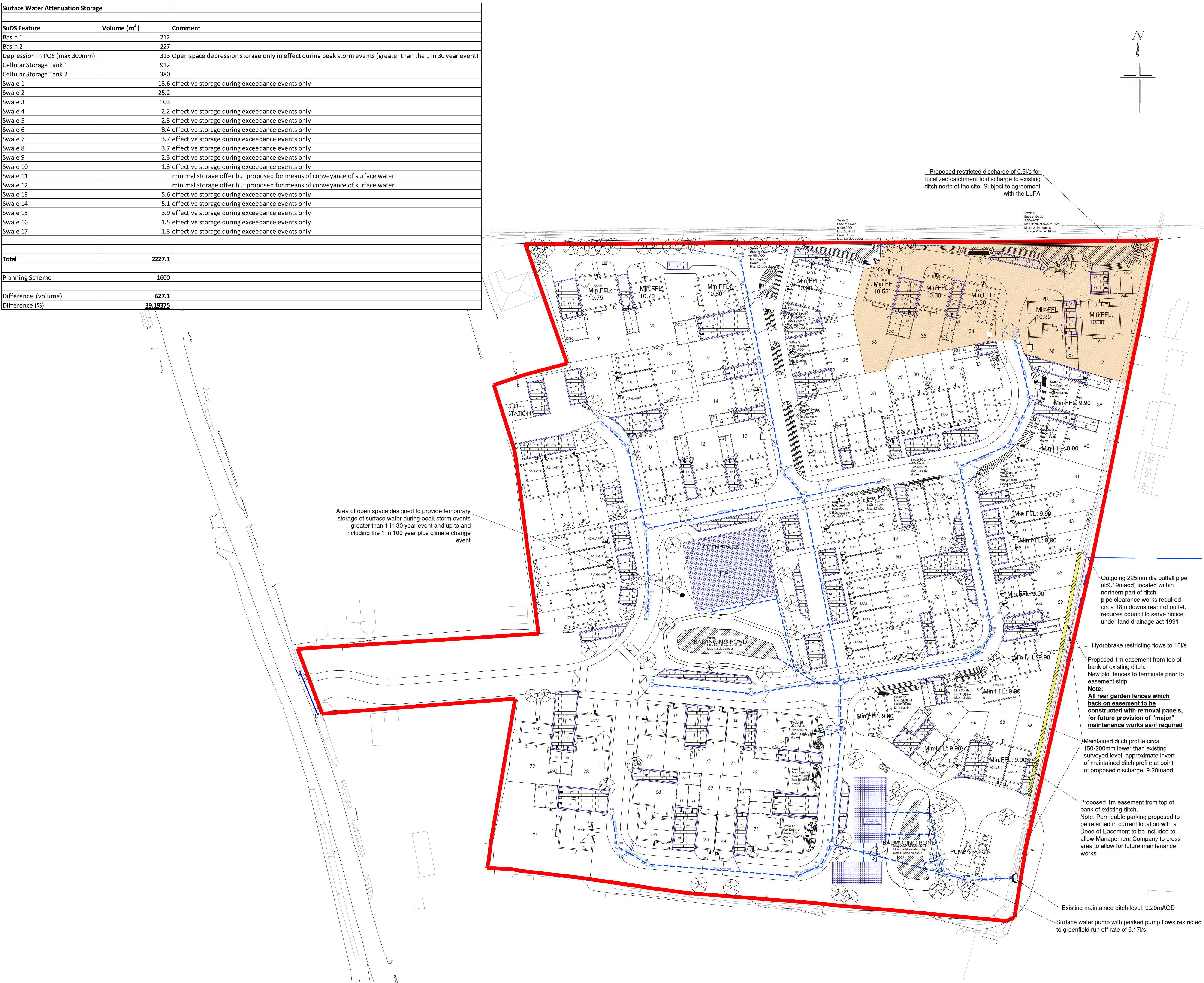


Surface Water Attenuation Storage		
SuDS Feature	Volume (m ³)	Comment
Basin 1	212	
Basin 2	227	
Depression in POS (max 300mm)	313	Open space depression storage only in effect during peak storm events (greater than the 1 in 30 year event)
Cellular Storage Tank 1	912	
Cellular Storage Tank 2	380	
Swale 1	13.6	effective storage during exceedance events only
Swale 2	25.2	
Swale 3	103	
Swale 4	2.2	effective storage during exceedance events only
Swale 5	2.3	effective storage during exceedance events only
Swale 6	8.4	effective storage during exceedance events only
Swale 7	3.7	effective storage during exceedance events only
Swale 8	3.7	effective storage during exceedance events only
Swale 9	2.3	effective storage during exceedance events only
Swale 10	1.3	effective storage during exceedance events only
Swale 11		minimal storage offer but proposed for means of conveyance of surface water
Swale 12		minimal storage offer but proposed for means of conveyance of surface water
Swale 13	5.6	effective storage during exceedance events only
Swale 14	5.1	effective storage during exceedance events only
Swale 15	3.9	effective storage during exceedance events only
Swale 16	1.5	effective storage during exceedance events only
Swale 17	1.3	effective storage during exceedance events only
Total	2227.1	
Planning Scheme	1600	
Difference (volume)	627.1	
Difference (%)	39.19375	



NOTES

- Min FFL: 10.30
- Proposed minimum finished floor level to accommodate surface water drainage design
- Localised catchment area draining under gravity to ditch to the north of the site
- Proposed surface water sewers and manholes
- Proposed SuDS swales and basins
- Proposed cellular crate storage tanks
- SuDS permeable paving
- Flow path within maintained ditch
- Maintained ditch (circa 150mm-200mm lower than surveyed levels)
- 1m easement for drainage ditch - To allow access for maintenance by Management Company

Rev.	Date	Details	By	Chkd	Appd
D	13.03.17	Drawing retitled	SLW	TS	TS
C	09.03.17	Site Layout updated to 160104_SL rev V	SLW	TS	TS
B	06.03.17	1m easement to drainage ditch added	TS	TS	TS
A	20.01.17	OUTFALL AND EASTERN DITCH UPDATED	SLW	TS	TS

Client:-

BARRATT HOMES

Site:-
**Hook Lane
Westergate
West Sussex**

Drawing Title:-
**Surface Water
Drainage
Strategy**

Date:	January 2017	Scales:	1:500 at A1
Drawn:	TS	Checked:	TS
		Approved:	TS

Drawing No. **BSO/E4462/031 D**

PRELIMINARY

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