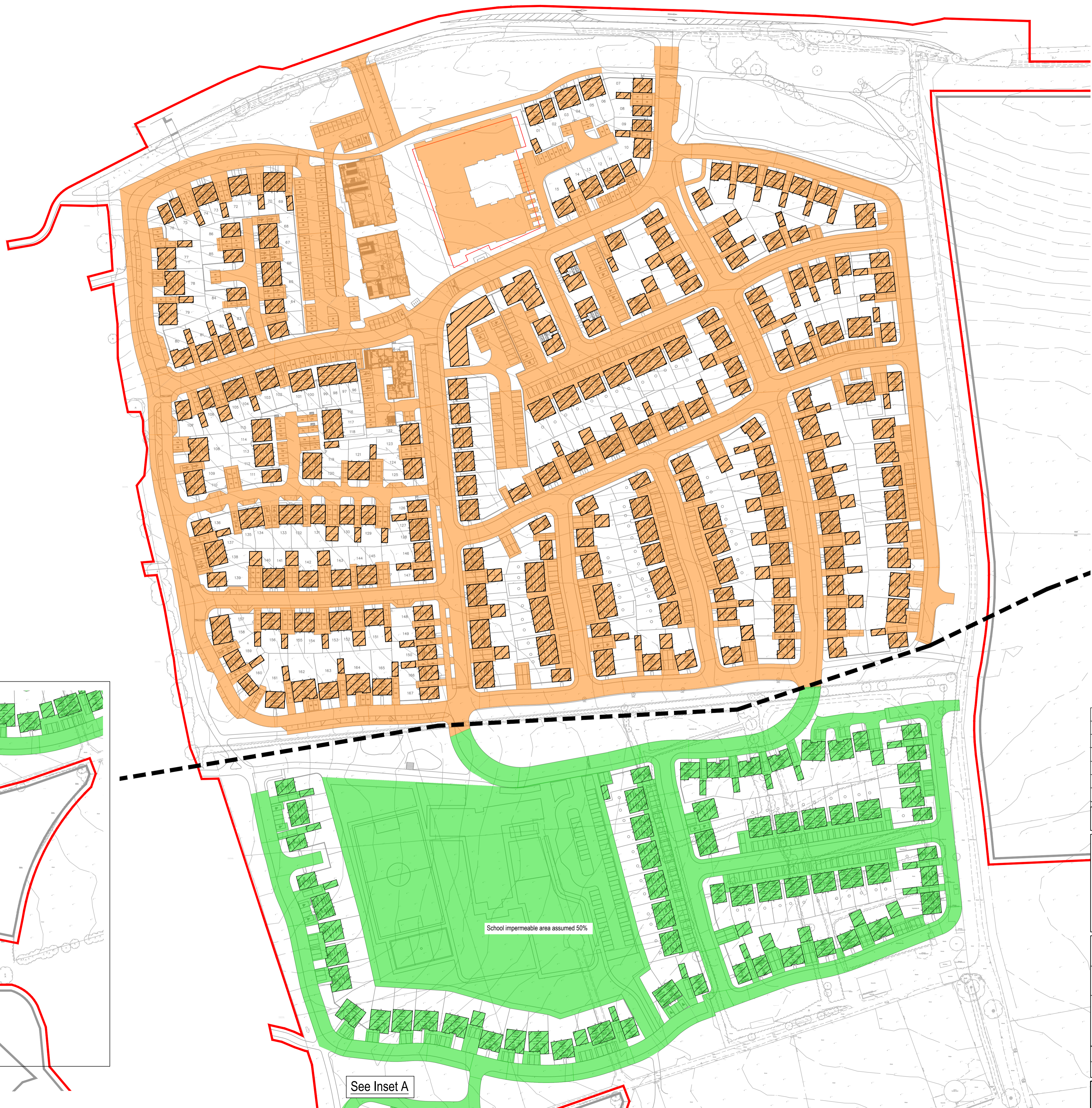


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Legend

- Area Subject to Urban Creep
- Catchment A: 7.694 ha
- Catchment B: 3.459 ha
- Catchment boundary

1. Greenfield Runoff Rate (Qbar) = 2.75 l/s/ha
2. Site outfall rate calculated based on drained areas within the northern catchment (A) only
3. Outfall rate = 2.75 l/s/ha x 7.694 ha = 21.2 l/s



See Inset A

General Notes

1. Where this drawing has been issued in electronic .dwg format, it has been done so in good faith. JNP Group do not take any responsibility for any inaccuracies in the electronic data, which should be checked against the paper (or .pdf) drawing issue. Any apparent discrepancies should be immediately reported to JNP Group. The electronic .dwg file should not be assumed to be to scale and should not be used for 'overlaying', setting out or checking of any third party information. All dimensions should be taken from the paper (or .pdf) version of the drawing. Electronic drawings may contain third party information. JNP Group take no responsibility for this information, which should be checked against the originators paper drawing(s).
2. All dimensions are millimetres (mm), and levels are in metres (m) unless noted otherwise and should be checked on site prior to construction/fabrication.
3. Do not scale from this drawing. Only figured dimensions are to be relied upon. Don't hesitate to get in touch with JNP Group if additional information is required.
4. Any discrepancies between drawings of different scales and between drawings and specifications, where appropriate, to be reported to JNP Group for decision.
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6. This drawing should only be used for construction if the drawing status is "A4 - Approved/Stage Complete". JNP Group takes no responsibility for construction works undertaken to drawings that are not marked with this status.

Health & Safety Note

The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

HAZARD IDENTIFICATION BOX

This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015

Hazard Ref	Hazard Type <small>Construction Method Cleaning/Condition/Weather</small>	Hazard Description	Mitigation Measures/ Residual Risk

P02	02/10/2025	Site layout updated	SH
P01	09/09/2025	First Issue	JWISH
Rev.	Date	Description	Drawn/Checked/Approved
Submittal:			
S2 - Suitable for Information			

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Client: Taylor Wimpey North Thames

Job: Land off Sandpit Lane, St Albans

Title: Greenfield run off rates

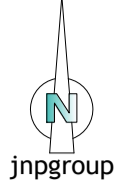
Classification: FI_60_20

Scale @ A1: 1:1000

Project: Originator - Volume/System - Level/Location - Type - Discipline - Number

BR31287 - JNP - XX-XX - DR - C - 2019

Revision: P02



General Notes

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Rf reference	Total Area (ha)	Drained Area [including urban creep] (ha)
SI 001	0.042	0.042
SI 002	0.031	0.034
SI 003	0.029	0.029
SI 004	0.022	0.024
SI 005	0.083	0.086
SI 006	0.019	0.019
SI 007	0.031	0.032
SI 008	0.080	0.083
SI 009	0.060	0.061
SI 010	0.034	0.035
SI 011	0.088	0.071
SI 012	0.093	0.093
SI 017	0.020	0.020
SI 018	0.081	0.083
SI 019	0.112	0.117
SI 020	0.062	0.066
SI 021	0.010	0.010
SI 022	0.081	0.084
SI 023	0.124	0.129
SZ 000	0.015	0.016
SZ 001	0.030	0.032
SZ 003	0.037	0.040
SZ 004	0.046	0.048
SS 000	0.016	0.017
SS 001	0.012	0.013
SS 004	0.022	0.024
SA 001	0.111	0.111
SA 001	0.100	0.100
SA 001	0.804	0.804
SA 000	0.098	0.103
SA 001	0.175	0.181
SA 000	0.007	0.008
SA 001	0.024	0.025
SA 001	0.236	0.236
SA 000	0.006	0.006
SA 000	0.023	0.023
SA 002	0.023	0.023
SA 003	0.062	0.062
SA 004	0.065	0.066
SA 005	0.073	0.076
SA 006	0.041	0.042
SA 007	0.014	0.014
SA 008	0.019	0.019
SA 009	0.116	0.116
SA 010	0.140	0.145
SA 011	0.242	0.251
SA 012	0.062	0.064
SA 013	0.164	0.168
SA 014	0.116	0.120
SA 015	0.100	0.102
SA 016	0.017	0.017
SA 017	0.004	0.004
SA 018	0.107	0.110
SA 019	0.006	0.007
SA 020	0.038	0.038
SA 021	0.008	0.008
SA 022	0.042	0.042
SA 023	0.036	0.036
SA 024	0.008	0.008
SA 025	0.072	0.074
SA 026	0.051	0.054
SA 027	0.004	0.004
SA 028	0.028	0.028
SA 029	0.036	0.037
SA 030	0.106	0.110
SA 031	0.034	0.037
SA 032	0.075	0.080
SA 033	0.104	0.104
SA 034	0.036	0.036
SA 035	0.047	0.051
SA 036	0.044	0.048
SA 037	0.194	0.194
SA 038	0.047	0.047
SA 039	0.063	0.063
SA 040	0.059	0.065
SA 041	0.139	0.148
SA 042	0.062	0.064
SA 043	0.047	0.048
SA 044	0.079	0.082
SA 045	0.068	0.068
SA 046	0.049	0.049
SA 047	0.072	0.072
SA 048	0.040	0.044
SA 049	0.017	0.016
SA 050	0.021	0.022
SA 051	0.039	0.043
SA 052	0.046	0.050
SA 053	0.070	0.070
SA 054	0.054	0.054
SA 055	0.010	0.010
SA 056	0.033	0.034
SA 057	0.017	0.017
SA 058	0.109	0.113
SA 059	0.096	0.096
SA 060	0.178	0.187
SA 061	0.151	0.156
SA 062	0.065	0.065
SA 063	0.068	0.068
SA 064	0.034	0.034
SA 065	0.105	0.105
SA 066	0.035	0.038
SA 067	0.056	0.059
SA 068	0.081	0.086
SA 069	0.051	0.055
SA 070	0.133	0.133
SA 071	0.010	0.010
SA 072	0.072	0.075
SA 073	0.097	0.100
SA 074	0.049	0.049
SA 075	0.065	0.068
SA 076	0.045	0.045
SA 077	0.028	0.030
SA 078	0.038	0.042
SA 079	0.119	0.124
SA 080	0.102	0.102
SA 081	0.194	0.194
SA 082	0.012	0.012
SA 083	0.047	0.047
SA 084	0.043	0.045
SA 085	0.005	0.005
SA 086	0.014	0.015
SA 087	0.090	0.094
SA 088	0.043	0.043
SA 089	0.038	0.040
SA 090	0.033	0.033
SA 091	0.107	0.110
SA 092	0.026	0.026
SA 093	0.065	0.067
SA 094	0.063	0.064
SA 095	0.057	0.061
SA 096	0.025	0.026
SA 097	0.025	0.026
SA 098	0.042	0.045
SA 099	0.227	0.227
SA 100	0.154	0.154

Rf reference	Total Area (ha)	Drained Area [including urban creep] (ha)
SA 101	0.045	0.045
SA 102	0.067	0.067
SA 103	0.232	0.232
SA 104	0.026	0.026
SA 105	0.020	0.020
SA 106	0.050	0.050
SA 107	0.130	0.134
SA 108	0.056	0.057
SA 109	0.097	0.103
SA 110	0.088	0.090
SA 111	0.027	0.028
SA 112	0.010	0.010
SA 113	0.151	0.156
SA 114	0.037	0.039
SA 115	0.070	0.070
SA 116	0.098	0.073
SA 117	0.059	0.059
Total	10.880	11.151

- Legend**
- Indicative site boundary
 - Area subject to urban creep (10%)
 - Proposed surface water sewer
 - Dummy pipe for modelling purposes only

Rev	Date	Description	Drn/CHK/1/Aspt
P03	07/10/2025	Updated Site Layout	JW/SH
P02	09/09/2025	Updated Site Layout	JW/SH
P01	22/08/2025	First Issue	JW/SH

S2 - Suitable for Information



Taylor Wimpey North Thames

Land off Sandpit Lane, St Albans

Drainage Areas Sheet 1 of 4

Classification: FI_60_20	Scale @ A1: 1:500	Project: Originator - Volume/System - Level/Location - Type - Discipline - Number	Revision: P03
BR31287-JNP-XX-XX-DR-C-2020		Document/Drawing Number	JNP Group Internal Project Number: BR3127

