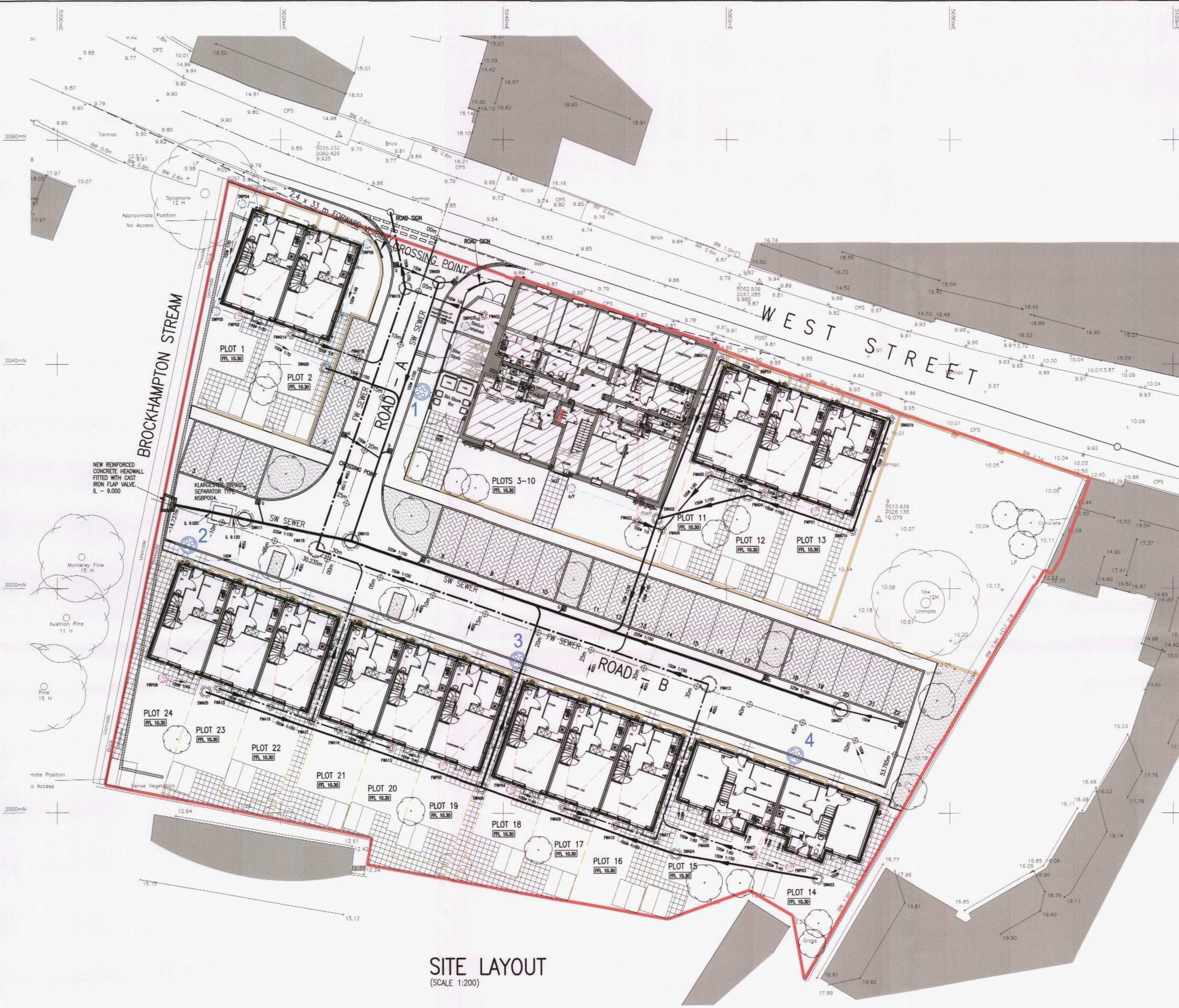




SITE LAYOUT
(SCALE 1:200)

FW MANHOLE SCHEDULE

REF	COVER LEVEL*	INVERT LEVEL	DEPTH to SOFFIT	CHAMBER TYPE	INTERNAL DIA.	COVER GRADE**	REV
FWP01	10.150	9.390(100)	660	I/C	450	A15	
FWP01	10.150	9.300(100)	750	I/C	450	A15	
FWP01	10.150	9.340(100)	710	I/C	450	A15	
FWP01	10.150	9.400(100)	650	I/C	450	A15	
FWP01	10.150	9.170(100)	880	I/C	450	A15	
FWP01	10.150	9.190(100)	860	I/C	450	A15	
FWA01A	10.150	9.200(100)	850	TYPE 4	500	A15	
FWA01B	10.300	8.495(100)	1705	TYPE 3	500	D400	
FWA02	10.000	9.300(100)	600	TYPE 4	500	B125	
FWA03	10.150	9.500(100)	550	TYPE 4	500	A15	
FWA04	10.150	9.260(100)	790	TYPE 4	500	A15	
FWA05	10.150	9.170(100)	880	TYPE 4	500	A15	
FWA06	10.150	9.060(100)	990	TYPE 4	500	A15	
FWA07	10.150	9.250(100)	800	TYPE 4	500	A15	
FWA08	10.150	9.170(100)	880	TYPE 4	500	A15	
FWA09	10.150	9.280(100)	770	TYPE 4	500	A15	
FWA10	10.150	9.200(100)	850	TYPE 4	500	A15	
FWA11	10.150	9.140(100)	910	TYPE 4	500	A15	
FWA12	10.200	8.840(150)	1210	TYPE 3	500	D400	
FWA13	10.150	9.050(100)	1000	TYPE 4	500	A15	
FWA14	10.150	8.970(100)	1080	TYPE 4	500	A15	
FWA15	10.150	9.070(100)	980	TYPE 4	500	A15	
FWA16	10.150	8.980(100)	1070	TYPE 4	500	A15	
FWA17	10.150	8.920(100)	1130	TYPE 4	500	A15	
FWA18	10.200	8.590(150)	1460	TYPE 3	500	D400	
FWA19	9.870	8.345(150)	1375	TYPE 3	500	D400	

* APPROX COVER LEVEL TO BE CONFIRMED ON SITE TO SUIT EXACT FINISHED GROUND LEVELS
** COVER GRADE to BS EN124:1994
** ALL COVERS TO BE SCREW DOWN TYPE DUE TO FLOOD RISK POTENTIAL OF THIS SITE.

NOTE: ALL DRAINAGE UNDER BUILDINGS TO BE CONCRETE ENCASED.

SW MANHOLE SCHEDULE

REF	COVER LEVEL*	INVERT LEVEL	DEPTH to SOFFIT	CHAMBER TYPE	INTERNAL DIA.	COVER GRADE**	REV
SWP03	10.150	9.550(100)	500	A/F	300	A15	
SWP04	10.150	9.700(100)	350	A/F	300	A15	
SWP05	10.150	9.570(100)	480	A/F	300	A15	
SWP06	10.150	9.600(100)	450	A/F	300	A15	
SWP07	10.000	9.430(100)	470	A/F	300	A15	
SWA01a	10.150	9.550(150)	450	TYPE 4	500	A15	
SWA01b	10.150	9.600(150)	350	TYPE 4	500	A15	
SWA01c	10.150	9.570(150)	430	TYPE 4	500	A15	
SWA01d	10.150	9.490(150)	510	TYPE 4	500	A15	
SWA02	10.150	9.440(150)	560	TYPE 4	500	A15	
SWA03	10.150	9.625(150)	375	TYPE 4	500	A15	
SWA04	10.150	9.540(150)	460	TYPE 4	500	A15	
SWA05	10.150	9.605(150)	395	TYPE 4	500	A15	
SWA06	10.150	9.430(150)	570	TYPE 4	500	A15	
SWA07	10.180	9.505(225)	450	TYPE 2	1200	D400	
SWA08	10.150	9.355(150)	645	TYPE 4	500	A15	
SWA09	9.850	9.360(150)	340	TYPE 3	500	D400	
SWA10	10.170	9.195(225)	750	TYPE 2	1200	D400	
SWA11	10.200	9.130(225)	845	TYPE 2	1200	D400	

* APPROX COVER LEVEL TO BE CONFIRMED ON SITE TO SUIT EXACT FINISHED GROUND LEVELS
** COVER GRADE to BS EN124:1994
** ALL COVERS TO BE SCREW DOWN TYPE DUE TO FLOOD RISK POTENTIAL OF THIS SITE.

NOTE: ALL DRAINAGE UNDER BUILDINGS TO BE CONCRETE ENCASED.
ALL ROAD GULLIES TO BE FITTED WITH 'SMART SPONGE'.
ALL RAINWATER DOWN PIPES TO TERMINATE AT ROADABLE GULLIES.

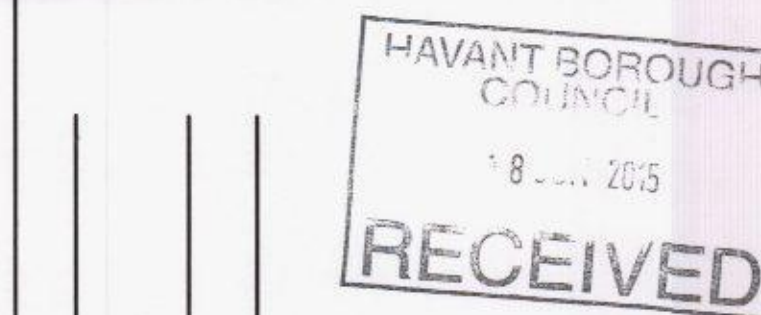
REDEVELOPMENT SURFACE DRAINAGE:			
HOUSES (ROOF)	= 1033 m ²	= 21.6 l/sec	
PARKING (PAVED)	= 252 m ²	= 3.5	
HIGHWAY (ROAD)	= 558 m ²	= 7.8	
TOTAL	= 1843 m ²	= 32.9 l/sec	
SITE AREA	= 3771 m ²		
DISCHARGE RATES BASED ON THE BUILDING REGULATIONS:			
ROADS	= 0.014 l/sec/m ²		
ROOFS	= 2.16 l/sec/103m ²		
REDEVELOPMENT FOUL DRAINAGE:			
BUILDING REGULATIONS FOR 25 DWELLINGS	= 5.4 l/sec		

Notes

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- SCALED DIMENSIONS ARE NOT TO BE USED FOR CONSTRUCTION.
- THIS DRAWING SUPERSEDES DRAWING Nos 9785-01-02.

PRIVATE SURFACE DRAINAGE

PRIVATE FOUL DRAINAGE



P1	05.06.15	MRP	PRELIMINARY FOR DISCUSSION
rev.	date	dm	description

PROPOSED REDEVELOPMENT
59-61 WEST STREET
HAVANT PO9 1LA

PRIVATE DRAINAGE
LAYOUT

GENERAL ARRANGEMENT

PRELIMINARY - NOT TO BE
USED FOR CONSTRUCTION

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Drawn MRP	Date JUN 2015	Scale AS SHOWN	Size A1
Drawing No. 9785-106	Revision P1		