

KEY:

- PROPOSED SURFACE WATER SEWER, MANHOLE AND LATERAL
- PROPOSED FOUL WATER SEWER, MANHOLE AND LATERAL
- PROPOSED SURFACE WATER LATERAL, DRAIN CONNECTIONS (LOCATION TO BE CONFIRMED)
- PROPOSED FOUL WATER LATERAL, DRAIN CONNECTIONS (LOCATION TO BE CONFIRMED)
- EXTERNAL SURFACE WATER TO BE DIVERTED
- APPLICATION BOUNDARY
- PROPOSED DRY SWALE
- PROPOSED CULVERT (REFER TO STANDARD DETAILS DRAWING PB8301-RHD-DE-TE-DR-D-0532)
- PROPOSED RISING MAIN
- PROPOSED ROAD CULVERT (REFER TO STANDARD DETAILS DRAWING PB8301-RHD-DE-TE-DR-D-0532)
- PROPOSED FLOW CONTROL MANHOLE (REFER TO STANDARD DETAILS DRAWING PB8301-RHD-DE-TE-DR-D-0530)

LIST OF FLOW CONTROL DEVICES (REFER TO TABLE 1 ON DETENTION BASINS AND SWALE PB8301-RHD-DE-TE-DR-D-0503)

AREA	OUTFALL	FC	Hydrobrake @	Invert	Flow
AREA 1	OUTFALL 1	FC01-01	Hydrobrake @ 21%	150mm Above Invert	100mm Above Invert
AREA 1	OUTFALL 1	FC01-02	Hydrobrake @ 21%	150mm Above Invert	100mm Above Invert
AREA 2	OUTFALL 1	FC02-01	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 2	OUTFALL 1	FC02-02	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 4	OUTFALL 1	FC04-01	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 4	OUTFALL 2	FC04-02	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 4	OUTFALL 3	FC04-03	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 4	OUTFALL 4	FC04-04	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 4	OUTFALL 5	FC04-05	Hydrobrake @ 21%	0mm Above Invert	120mm Above Invert
AREA 5	OUTFALL 1	FC05-01	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-02	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-03	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-04	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-05	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-06	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-07	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-08	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-09	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert
AREA 5	OUTFALL 1	FC05-10	Hydrobrake @ 21%	150mm Above Invert	150mm Above Invert

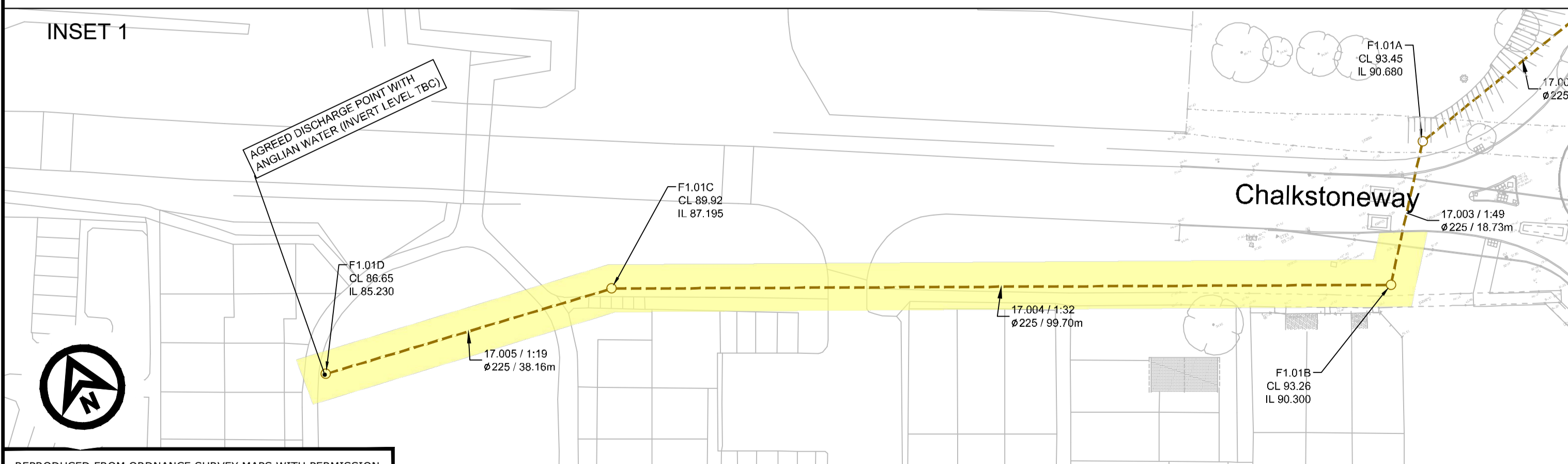
- PROPOSED LOG WALL WITH ORIFICE PLATE RESTRICTION (REFER TO STANDARD DETAILS DRAWING PB8301-RHD-DE-TE-DR-D-0530)
- PROPOSED HEADWALL (REFER TO STANDARD DETAILS DRAWING PB8301-RHD-DE-TE-DR-D-0531)
- SECTION OF FOUW SEWER TO BE DIRECTIONAL DRILLED UNDER WATERCOURSE
- EXISTING WATER COURSES
- 6M EASEMENT

**AREA 4.1
(2.20Ha)**

EXISTING PIPE DIVERSION ORIENTATION MAY BE AMENDED TO SUIT RESIDENTIAL RMA APPLICATION

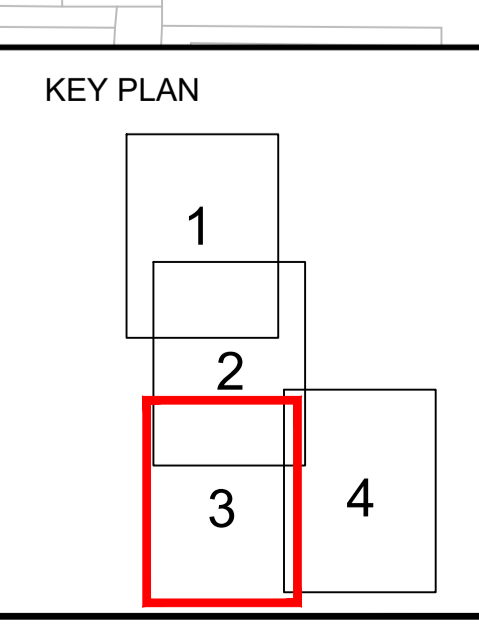
**AREA 5
(3.64Ha)**

**AREA 6
(1.20Ha)**



GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN UNLESS NOTED OTHERWISE.
- THIS DRAWING HAS BEEN BASED UPON SURVEY / OS INFORMATION SUPPLIED BY INTERLOCKS SURVEYS LIMITED, ROYAL HASKONING DHV SHALL NOT BE LIABLE FOR ANY INACCURACY OR DEFICIENCIES ARISING FROM IT.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
- ALL MATERIALS AND WORKMANSHIP WILL BE AS SPECIFIED IN THE SPECIFICATION UNLESS NOTED OTHERWISE.
- ALL LEVELS, DIMENSIONS AND LOCATIONS ARE TO BE CHECKED BY THE MAIN CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORK ON SITE.
- ALL ADDITIONAL SEWER WORKS TO BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION, ENGLISH WATER SPECIFICATIONS AND CURRENT VERSION OF SPECIFICATIONS FOR HIGHWAY WORKS.



NO.	DATE	DESCRIPTION	BY	CHK.	APP.
01	25/03/20	UPDATED TO LOCAL AUTHORITY COMMENTS	JWB	PV	DJ
02	24/02/20	UPDATED POND LAYOUT	JWB	PV	DJ
03	04/02/20	AMENDED AS PER JANUARY COMMENTS	JWB	PV	DJ
04	04/01/20	AMENDED TO SUIT LFCA COMMENTS	JWB	PV	DJ
05	20/03/19	FIRST ISSUE	JWB	PV	DJ
06	01/11/18	REVISED	JWB	PV	DJ
07	01/11/18	REVISED	JWB	PV	DJ
08	01/11/18	REVISED	JWB	PV	DJ
09	01/11/18	REVISED	JWB	PV	DJ
10	01/11/18	REVISED	JWB	PV	DJ
11	01/11/18	REVISED	JWB	PV	DJ
12	01/11/18	REVISED	JWB	PV	DJ
13	01/11/18	REVISED	JWB	PV	DJ
14	01/11/18	REVISED	JWB	PV	DJ
15	01/11/18	REVISED	JWB	PV	DJ
16	01/11/18	REVISED	JWB	PV	DJ
17	01/11/18	REVISED	JWB	PV	DJ
18	01/11/18	REVISED	JWB	PV	DJ
19	01/11/18	REVISED	JWB	PV	DJ
20	01/11/18	REVISED	JWB	PV	DJ
21	01/11/18	REVISED	JWB	PV	DJ
22	01/11/18	REVISED	JWB	PV	DJ
23	01/11/18	REVISED	JWB	PV	DJ
24	01/11/18	REVISED	JWB	PV	DJ
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46	01/11/18	REVISED	JWB	PV	DJ
47	01/11/18	REVISED	JWB	PV	DJ
48	01/11/18	REVISED	JWB	PV	DJ
49	01/11/18	REVISED	JWB	PV	DJ
50	01/11/18	REVISED	JWB	PV	DJ

RESERVED MATTERS

DRAINAGE LAYOUT SHEET 3 OF 4

Royal HaskoningDHV
Enhancing Society Together

DATE	SCALE	PROJECT NUMBER
MAR-19	1:500	PB8301
DRAWING NO.		REVISION
PB8301-RHD-DE-H1-DR-D-0503		105