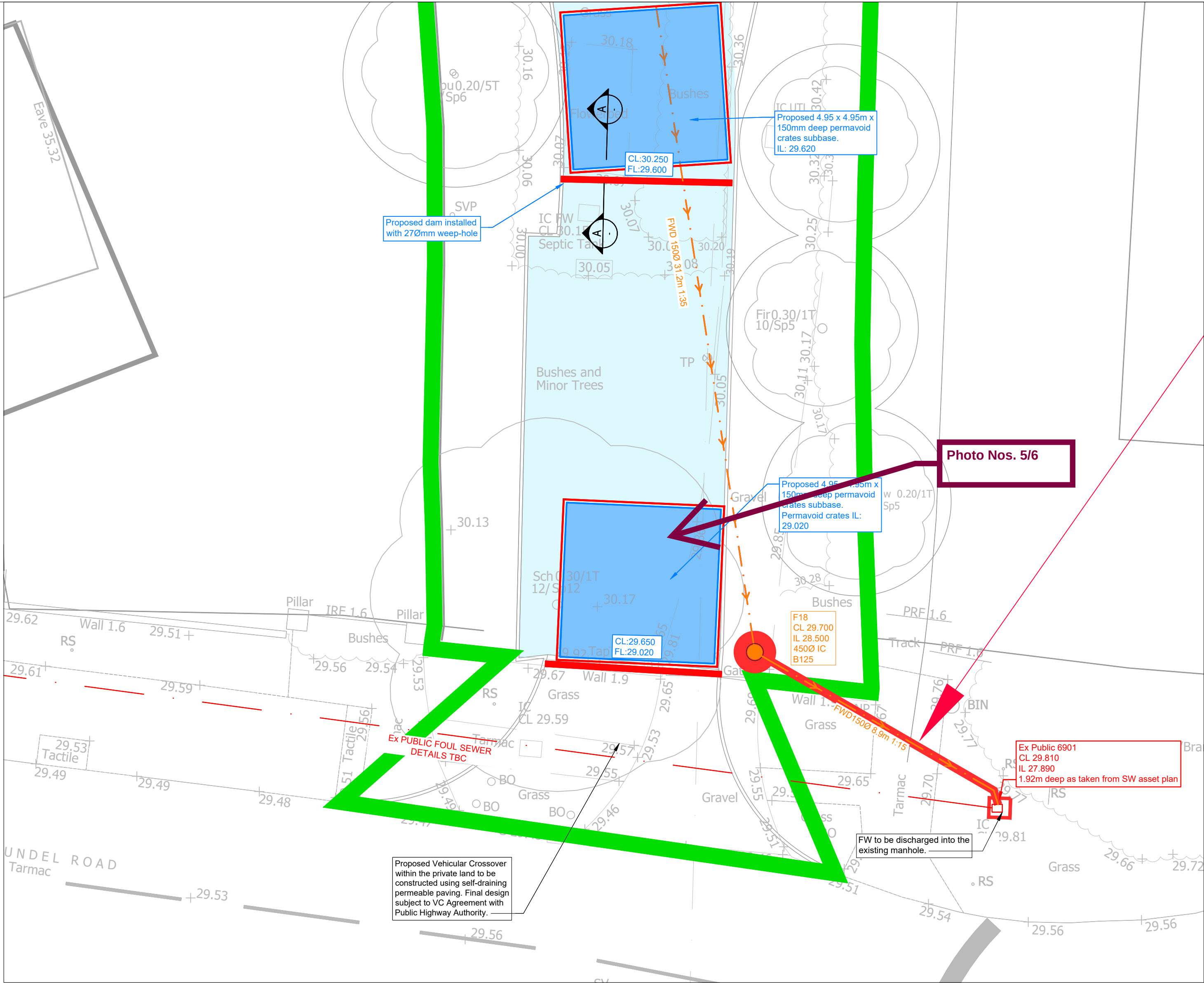
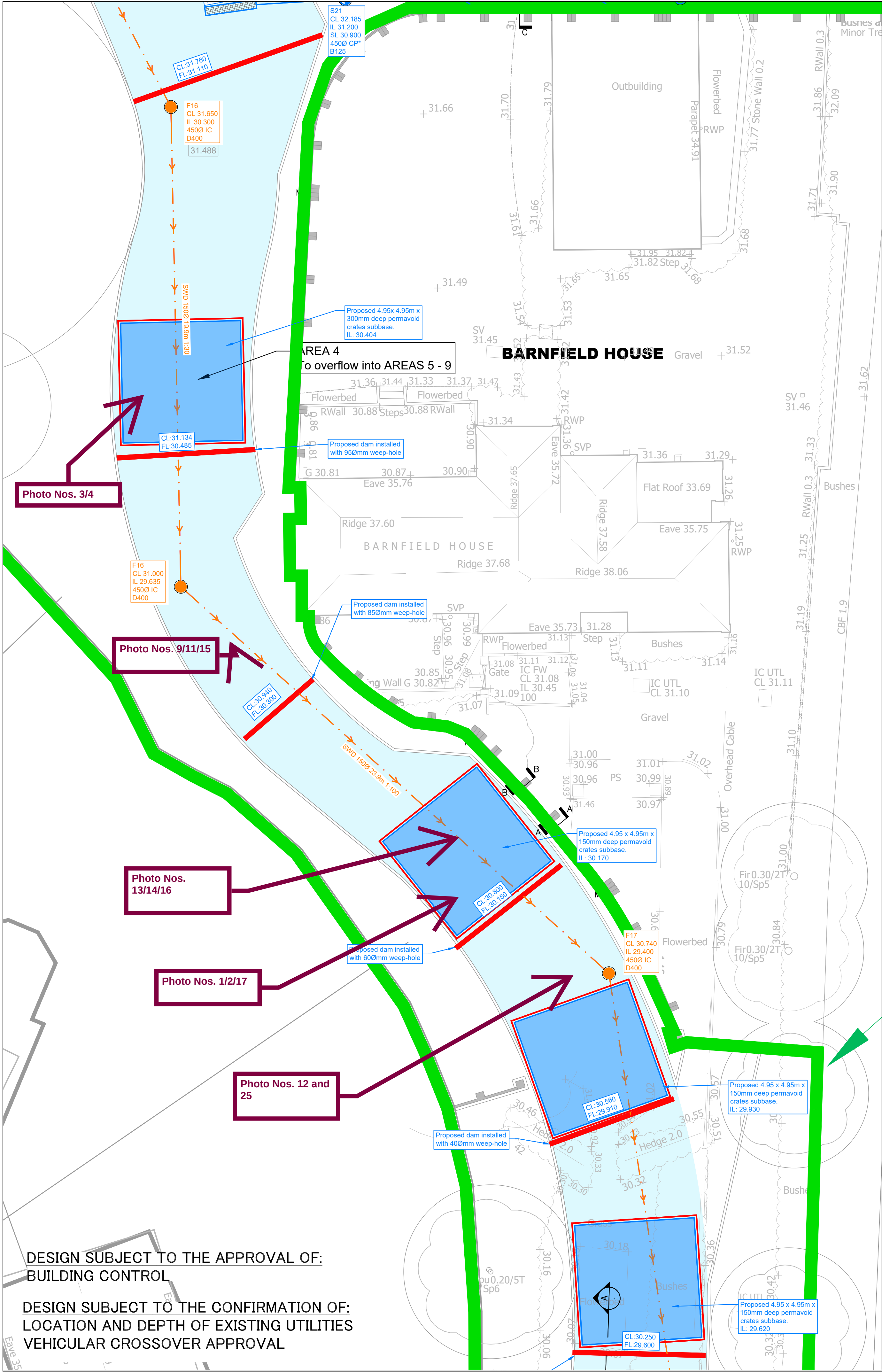




DRAINAGE LEGEND

EXISTING FEATURES

Ex FWD Existing foul water sewer/drain and manhole

PROPOSED FEATURES

Pipe crossing (thickening denotes pipe above)

SWD Storm water sewer/drain

ACO/SloTD

Slo/ ACO Road / Threshold drainage channel ACO - MonoDrain or Multi Drain min. 150mm deep Rainwater pipe (as confirmed by the Architect)

Storm water orifice flow control chamber (5000)

Storm water inspection chamber (4500)

Storm water catchpit chamber. Catchpit to be installed with Silt Basket to Sel Environmental detail and

Porous paved parking with contributing areas discharge (see calculations). For formation levels see drainage plan.

Proposed 4.95 x 2.5m x 0.15m deep pervoid subbase laid beneath the access roads. Pervoid subbase to be laid flat to provide additional storage volume. For details see drawing series 500.

Proposed voided subbase full-height dam. FL - subbase formation level

Proposed distribution tank. DT tanks laid at formation level. (FL - formation level) Tank to Sel Environmental specifications POVD05012 - 2.1m x 0.355m x 0.3m for 1500 POVD05103 - 0.71m x 0.710m x 0.15m for 1500

Proposed filter chamber - Retains RWP Base unit with Filter Cover by SEL Source PP

Proposed shallow gravel trench laid at 1:300 gradient with 150mmØ perforated pipe surrounded with Type 3 material. Total depth 900mm and 250mm Type 3 material at the base.

Storm water manhole

SVP locations as taken from the Architect's drawings

FWD

Foul water sewer/drain

Foul water inspection chamber (4500)

AC emergency discharge (location assumed as provided by the Client) Final outlet connection TBC.

Finished floor level

Pipe info - diameter, length, gradient, bedding type

1000 4.5m 1:100 Z BED

ABBREVIATIONS

MH - MANHOLE

IC - INSPECTION CHAMBER

AC - ACCESS CHAMBER

CP - CATCHPIT

BC - BRAKE CHAMBER

RE - RODDING EYE

IL - INVERT LEVEL

SL - SUMP LEVEL

CL - COVER LEVEL

FL - FORMATION LEVEL

CP* - CATCHPIT INSTALLED WITH SILT BUCKET TO SEL ENVIRONMENTAL SPECIFICATIONS

Prefixed to drawing numbers shall signify the following:-

PL = PLANNING Shall not be used for contract or construction purposes

P = PRELIMINARY Shall not be used for contract or construction purposes

T = TENDER Shall not be used for construction purposes

C = CONSTRUCTION These are the only drawings that shall be used for construction purposes

R = RECORD Record of actual completed work

R1	27.10.25	AS BUILT DRAWING	CZ	CS	CS
C2	05.06.24	DRAINAGE COORDINATED WITH SERVICES	TZ	CS	CS
C1	08.05.24	ISSUED FOR CONSTRUCTION	TZ	CS	CS
P2	05.03.24	UPDATED TO CLIENT COMMENTS	TZ	CS	CS
P1	20.02.24	PRELIMINARY ISSUE	TZ	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP

cgs
civils
Consulting Civil Engineers

CLIENT
AMIRI HOMES LTD

ARCHITECT
PDP ARCHITECTURE LLP

JOB TITLE
BARNFIELD HOUSE, ARUNDEL ROAD
FONTWELL, BN18 0SD

DRAWING TITLE
PROPOSED FW & SW DRAINAGE PLAN
SHEET 3

DRAWN	TZ	ENGINEER	TZ	CHECKED	CS	APPROVED	CS
DATE	JAN 2024	SCALE @ A1	1:100				
JOB No.	C2911	STATUS	C	DRAWING No.	207	REV.	R1

CONSTRUCTION

DESIGN SUBJECT TO THE APPROVAL OF:
BUILDING CONTROL

DESIGN SUBJECT TO THE CONFIRMATION OF:
LOCATION AND DEPTH OF EXISTING UTILITIES
VEHICULAR CROSSOVER APPROVAL

The proposed permeable paving infiltration areas has been reduced by the size of the proposed pervoid tank (25m2). Pervoid tanks are designed allowing for infiltration through the base.