

This drawing is to be read in conjunction with all other relevant documentation.
Do not Scale
All setting out by contractor. Report all discrepancies to bdi Structural Solutions.
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Client required to comply with requirements of Party Wall Act as required by nature of work.

NOTES

Drainage Notation	
	Denotes New Surface Water Carrier Drain
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	Denotes Existing Combined Sewer
	Denotes Proposed Rainwater Gully
	Denotes Proposed Soil Vent Pipe

SITE DISCHARGE RATES FOR VARYING STORM RETURN PERIODS		
RETURN PERIOD	EXISTING	PROPOSED
1 IN 1 YEAR	5.1 litres/sec	2.5 litres/sec
1 IN 30 YEAR	11.9 litres/sec	3.7 litres/sec
*1 IN 100 YEAR	15.0 litres/sec	4.7 litres/sec

*Return period accounts for +40% climate change

EXISTING COMBINED CHAMBER
EXACT SIZE, POSITION AND DEPTH NOT
KNOWN, APPROX 1.00m BGL

AS BUILT CONNECTIONS TO COMBINED
SEWER TO BE RETAINED AND REPURPOSED
AS SEPERATE INLETS FOR THE FOUL AND
SURFACE WATER NETWORKS

ICF03 (450mmØ PPIC)

ICS03 (MINIMUM 500mmØ PPIC)
INVERT APPROX 1.00m BGL
USE RIDGISTORM PPIC CHAMBER OR
SIMILAR. OUTFALL PIPE FITTED WITH
50mmØ ORIFICE PLATE TO ACHIEVE
50% BETTERMENT OF OUTFLOW FROM
EXISTING BROWNFIELD SITE AREA

DROPSHAFT

ICF02 (450mmØ PPIC)

REQUIRED INVERT LEVEL OF
FOUL INSPECTION CHAMBERS
TO BE DETERMINED ON SITE

CONTRACTOR TO CONFIRM INVERT LEVEL OF
SURFACE WATER INSPECTION CHAMBERS IS THE
SAME AS THE APPROXIMATE VALUES INDICATED
ON DRAWINGS. CONTRACTOR TO INFORM BDI IF
LEVELS DIFFER TO THOSE SHOWN

ALL SURFACE WATER PIPES TO BE
100mmØ PIPES LAID AT 1:100 FALL

ALL FOUL WATER PIPES TO BE
100mmØ LAID AT 1:40 FALL

ENSURE RWP GULLEY IS
ACCESSIBLE AS RODDING POINT

ALL RWP GULLEYS TO BE FITTED
WITH SILT TRAPS TO PREVENT
INGRESS OF FINES INTO THE
NEW SURFACE WATER SYSTEM

RODDING
EYE

FOR APPROVAL

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...	...	...	...	...	...
Rev	Date	FIRST ISSUE, FOR APPROVAL			Drawn
A0	09.02.21				DA



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Client
Steve Scudder

Project
35 Harrop Street - Drainage

Drawing Title
Proposed Surface Water Drainage

Scale			Drg No.	
As shown at A1			20207918	
Drawn	Checked	Reviewed	C1 01	
DA	DA	SG		
Originated Date			Status/Rev	
09.02.2021			A0	