



KEY:

- SITE BOUNDARY
- INDICATIVE SPINE ROAD
- EXCEEDED/TOPOGRAPHY FLOW DIRECTIONS

**NOTES:**

1. ALL LEVELS ARE IN METRES ABOVE ORDNANCE SURVEY DATUM.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
3. NOT ALL UTILITIES ARE SHOWN FOR CLARITY.
4. INDICATIVE INFILTRATION BASINS HAVE BEEN SIZED ON A SUGGESTED INFILTRATION RATE OF 0.0198 m/hr, FROM EMPIRICAL DATA FROM LOCAL SOURCES.
5. THE ASSUMPTIONS ARE MADE ON THE BASIS THAT THE DRAINAGE IS FOR THE DEVELOPMENT (DWELLINGS) AND HIGHWAY AREAS. DWELLINGS COULD HAVE THEIR OWN INDIVIDUAL PERMEABLE PAVING FOR POLLUTION CONTROL, BUT ALL DISCHARGE IS COLLECTED IN THE INFILTRATION BASINS AND STORED IN THESE LOCATIONS UNTIL THE WATER INFILTRATION BASINS COULD BE USED ACROSS THE DEVELOPMENT INSTEAD OF PROVIDE THE SAME VOLUME OF STORAGE AS AN ALTERNATIVE.



INDICATIVE LOCATION FOR INFILTRATION BASIN FOR THE WESTERN SIDE OF THE DEVELOPMENT (DWELLINGS AND HIGHWAYS) BASED ON 50% IMPERMEABLE AREA

INDICATIVE LOCATION FOR INFILTRATION BASIN FOR THE WESTERN SIDE OF THE DEVELOPMENT (DWELLINGS AND HIGHWAYS) BASED ON 50% IMPERMEABLE AREA

# PRELIMINARY

REV	DATE	DESCRIPTION	DRAWN	CHECKED

The drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

Project  
**LAND EAST OF A140  
 HORSHAM ST FAITH**

Title  
**PRELIMINARY SURFACE WATER  
 DRAINAGE DESIGN  
 (FOR WHOLE DEVELOPMENT)**

Client  
**ABLE HOMES LTD**

Scale	Drawn	Date
1:1,000 @ A1	J. LEVERITT	05/10/18
Job Manager	M. DOUGHTY	Checked
	M. DOUGHTY	Approved
	M. DOUGHTY	Approved

L\Acad\Templates\RU\_Engineering.rvt

**49455/PP/003**

- DRAWING STATUS
- INFORMATION
- TENDER
- APPROVAL
- CONSTRUCTION
- COSTING
- AS CONSTRUCTED

REPRODUCED FROM ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE © CROWN COPYRIGHT RICHARD JACKSON LTD - ACC No. 100022432.

28.0m