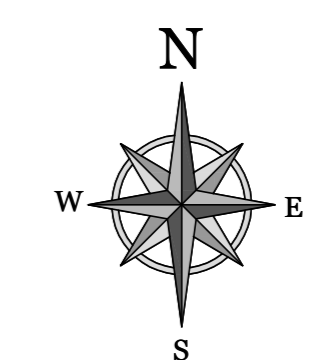
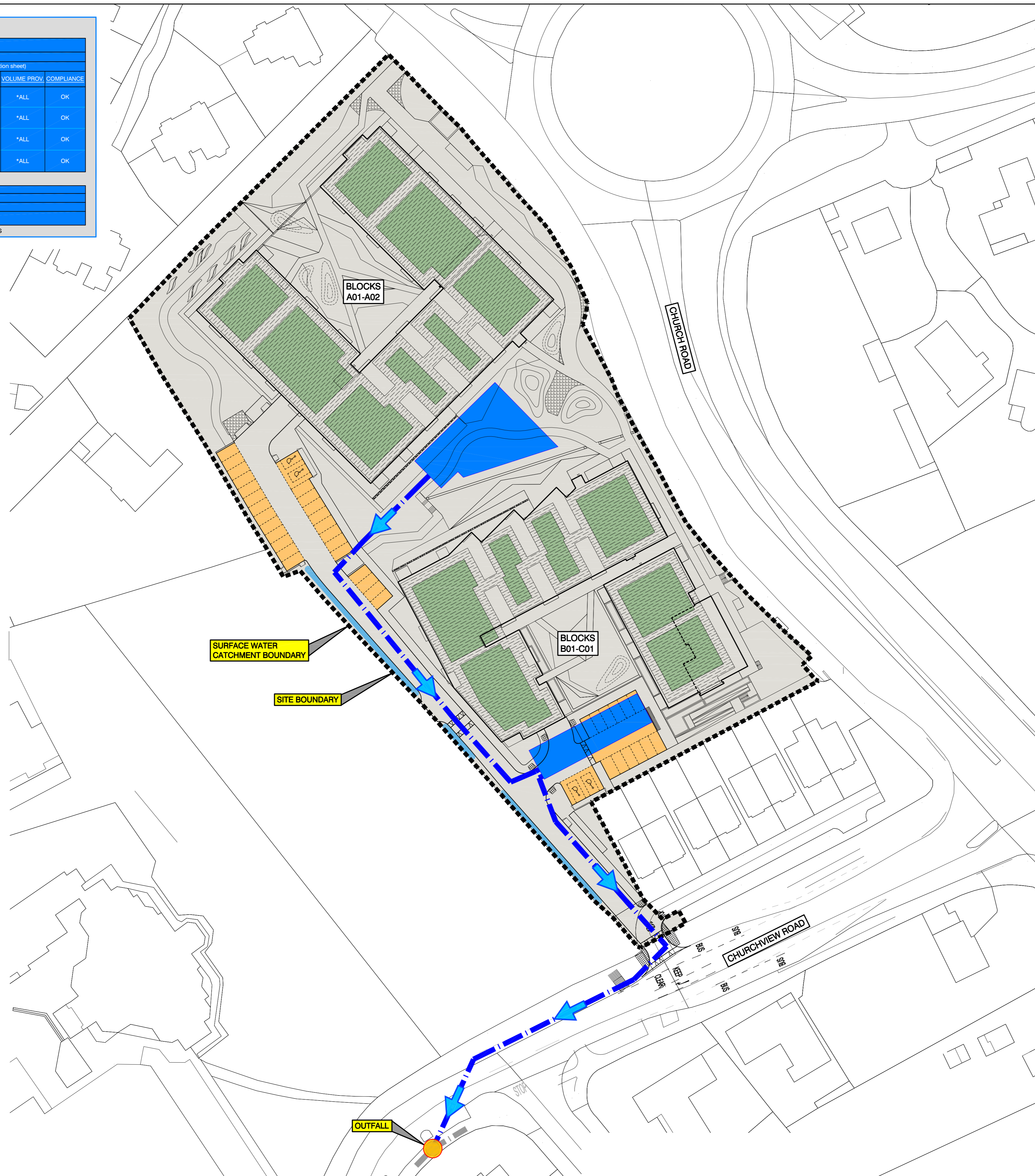


SURFACE WATER CATCHMENT

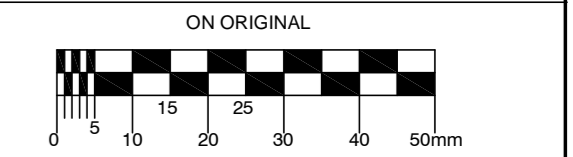
TREATMENT					
VOLUME REQUIRED = 123m ³					
VOLUME PROVIDED = 277.10m ³ (+44.50m ³ not included on SuDS summary calculation sheet)					
REQUIRED NO. OF STAGES	1st TREATMENT STAGE	VOLUME PROV.	ADDITIONAL TREATMENT STAGE	VOLUME PROV.	COMPLIANCE
GREEN ROOFS	1	GREEN ROOF	PETROL INTERCEPTOR ISOLATOR ROW	203.00m ³	*ALL OK
ROOF TO TRADITIONAL	1	ISOLATOR ROW	PETROL INTERCEPTOR	44.50m ³	*ALL OK
ROADS + FOOTPATHS TO SUDS	2	SWALES PERMEABLE PAVING	PETROL INTERCEPTOR ISOLATOR ROW	71.6m ³	*ALL OK
ROADS + FOOTPATHS TO TRAD	2	ISOLATOR ROW	ALREADY INCLUDED PETROL INTERCEPTOR	ALREADY INCLUDED	*ALL OK

INTERCEPTION	
VOLUME REQUIRED = 41m ³	
VOLUME PROVIDED = 57.4m ³ *	
MECHANISMS	PERMEABLE PAVING, SWALES, GREEN ROOFS.

* VOLUME IS LOWER THAN REQUIRED DUE TO POOR INFILTRATION RATES



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- NOTES:
1. ALL DIMENSIONS AND LEVELS IN METRES, EXCEPT IF NOTED OTHERWISE.
 2. ALL LEVELS TO MAIN HEAD DATUM.
 3. CO-ORDINATE SYSTEM IS: IRISH TRANSVERSE MERCATOR.

LEGEND:

	ATTENUATION
	GREEN ROOF
	PERMEABLE PAVING
	SWALE
	CATCHMENT BOUNDARY
	HYDROBRAKE
	SURFACE WATER OUTFALL
	DIRECTION OF FLOW

ORDNANCE SURVEY IRELAND LICENCE
No EN 0017919
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GOVERNMENT OF IRELAND

REV.	DATE	DESCRIPTION	BY	CHKD.
B	25/06/19	SW ATTENUATION B LAYOUT REVISED	KAL'E	SVC
A	14/06/19	LAYOUT REVISED TO RSA COMMENTS	KAL'E	SVC

PLANNING

DESIGNED	SVC	PREPARED	KAL'E
DATE	CHECKED	CHECKED	PMF

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PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT AT CHURCH ROAD, KILLINEY, CO. DUBLIN

DRG. TITLE
SCHEMATIC SUDS LAYOUT PLAN

ARCHITECT
O'MAHONY PIKE ARCHITECTS

SCALE	1:500 @A1	FILE REF.	180153-3070
DRG. NO.	180153-3070		B