



This drawing is produced using the Irish Transverse Mercator (ITM) / Irish Grid Geographic Coordinate System

A0

- LEGEND:
- PROPOSED SURFACE WATER PIPE NETWORK
 - PROPOSED SURFACE WATER MANHOLE
 - PROPOSED INFILTRATION BASIN AREA BENEATH PLAYING FIELD
 - UNDERGROUND STORAGE AREAS BENEATH HOUSING UNIT PERMEABLE PAVING
 - UNDERGROUND STORMWATER ARCHED CHAMBER SYSTEM STORAGE AREAS AT APARTMENT UNITS
 - BARNHILL LOWER EAST CATCHMENT AREA
 - BARNHILL LOWER WEST CATCHMENT AREA
 - BARNHILL STREAM LOWER CATCHMENT AREA
 - BARNHILL UPPER WEST CATCHMENT AREA
 - MAIN CATCHMENT AREA

- DRAWING REFERENCES:
- REFER TO DRAWING 16_053_047 FOR SECTION A-A - SUDS INFILTRATION BASIN AND OUTFALL DETAILS TO WETLAND POND.
 - REFER TO DRAWINGS 16_053_048-056 FOR PROPOSED SURFACE WATER NETWORK LONGSECTIONS.



01	FOR PLANNING	CP	26.06.22
Revision	Description	Initials	Date
 Clifton Scannell Emerson Associates			
ALANNA HOMES AND ALCOVE IRELAND FOUR LIMITED			
BARNHILL GARDEN VILLAGE STRATEGIC HOUSING DEVELOPMENT (SHD)			
PROPOSED SURFACE WATER NETWORK LAYOUT AND MAIN SUDS STORAGE SYSTEMS			
Drawn By	CP	Date	JULY 2022
Checked by	GE	Scale	1:1000 @ A0
Desig. Progress	PLANNING		
Desig. No.	16_153_046		