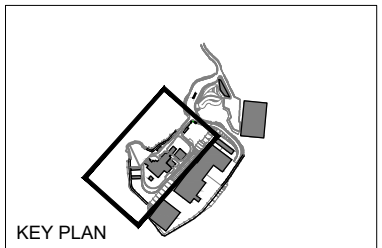


- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - VERIFYING DIMENSIONS. THE CONTRACTOR SHALL VERIFY DIMENSIONS AGAINST SUCH OTHER DRAWING OR SITE CONDITIONS AS PERTAIN TO THIS PART OF THE WORK
 - ALL LEVELS ARE IN ACCORDANCE WITH THE DATUM OF THE SITE SURVEY UNLESS STATED OTHERWISE.
 - EXISTING SERVICES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE AND VERIFY THE EXACT HORIZONTAL AND VERTICAL ALIGNMENT OF ALL SERVICES (BOTH UNDERGROUND AND OVERHEAD) BEFORE WORK COMMENCES.
 - THE CONTRACTOR SHALL CHECK THE LAYOUT, TYPE AND LEVEL OF ALL SERVICES PRIOR TO COMMENCING EXCAVATION WORKS. ANY ERRORS, OR DIFFERENCES TO THOSE LEVELS ASSUMED IN THE DESIGN, AND SHALL BE REPORTED TO THE PROJECT MANAGER IN ACCORDANCE WITH THE CONTRACT.
 - ALL NEW DRAINAGE TRENCHES SHALL BE EXCAVATED DOWN TO A FIRM BEARING STRATA.
 - ALL NEW DRAINAGE LAID TO FALLS OF LESS THAN 1:100 TO BE INSTALLED BY LASER ALIGNMENT METHOD.
 - WHERE REQUIRED; IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT BEFORE ANY SEWER IS ABANDONED IT IS SUBJECT TO CCTV SURVEY AND ANY BRANCHES OF THAT SEWER ALSO TRACED TO THEIR ORIGIN.
 - ALL MANHOLES WITHIN LANDSCAPED AREAS SHALL HAVE A Min. 300mm CONCRETE SURROUND.
 - IF IT IS DISCOVERED THAT THERE IS ANY DISCREPANCY BETWEEN GENERAL TECHNICAL SPECIFICATIONS (CESWI, THE NBS CIVIL ENGINEERING SPECIFICATION, SEWERS FOR ADOPTION) AND THE WORKS INFORMATION, THE ORDER OF PRECEDENCE FOR THE WORKS REQUIREMENTS IS AS FOLLOWS:
 - BUILDING REGULATIONS;
 - WORKS INFORMATION / CONTRACT DRAWINGS;
 - GENERAL TECHNICAL SPECIFICATIONS.
 - PACKAGE TREATMENT PLANTS: PROPOSED KLARGESTER BIOFICIENT 6 (PE 30) DOMESTIC SEWAGE TREATMENT PLANT, OR EQUIVALENT. PACKAGE TREATMENT PLANT TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - EMERGENCY STORAGE: EACH PACKAGE TREATMENT PLANT INCLUDES AN OFFLINE (HIGH LEVEL INLET) STORAGE CAPACITY / TANK EQUIVALENT TO 2 HOURS STORAGE AT 3DFW. PIPEWORK STORAGE SHALL NOT BE INCLUDED AS PART OF THE STORAGE CALCULATION.
 - ALL RWPS & SVP BRANCHES TO BE 100mm DIA.
 - ALL GULLY OUTLET BRANCHES TO BE 150mm DIA.

PROPOSED DRY WEATHER FLOW BYPASS CHANNEL (WITH CHOKE PIPE) TO ALLOW A MAXIMUM FLOW RATE OF 8l/s.

Plan
Scale: 1:500

- KEY**
- PROPOSED STORM DRAINAGE
 - PROPOSED FOUL/TREATED FOUL DRAINAGE
 - PROPOSED EMERGENCY OVERFLOW
 - PROPOSED ANTI-EROSION STRIP
 - PROPOSED OUTFALL ARRANGEMENT
 - PROPOSED DRAINAGE CHANNEL
 - PROPOSED DEVELOPMENT
 - PROPOSED MANHOLE
 - PROPOSED GULLY



Rev	Date	Description	By	Chkd	Appd	Auth
P01	27/07/19	For Preliminary Information	PM	SF	PG	

ARUP

Bedford House 3rd Floor 16-22 Bedford Street
Belfast BT2 7FD
Tel +44 28 9089 0900 Fax +44 28 9089 0901
www.arup.com

Client

INDAVER

Project Title
Becon Project

Drawing Title
GENERAL ARRANGEMENT DRAINAGE LAYOUT
2 of 4

Scale at A1	1:500	App Job No	264848-00			
Role	Civil Drainage					
Suitability	S2 - Issued For Preliminary Information					
Rev	By	Chkd	Appd	Auth		
P01	PM	SF	PG			
Date	Date	Date	Date	Date		
11/03/2019	12/03/2019	13/03/2019				
Name	BCN - ARP - ZZ - 00 - DR - CH - 0102					
Project	Originator	Volume	Location	Type	Role	Number

This material is Crown Copyright and is reproduced with the permission of Land and Property Services under delegated authority from the Controller of Her Majesty's Stationery Office. © Crown Copyright and database rights Permit Number 170045. Unauthorised reproduction infringes © Crown Copyright and may lead to prosecution or civil proceedings.