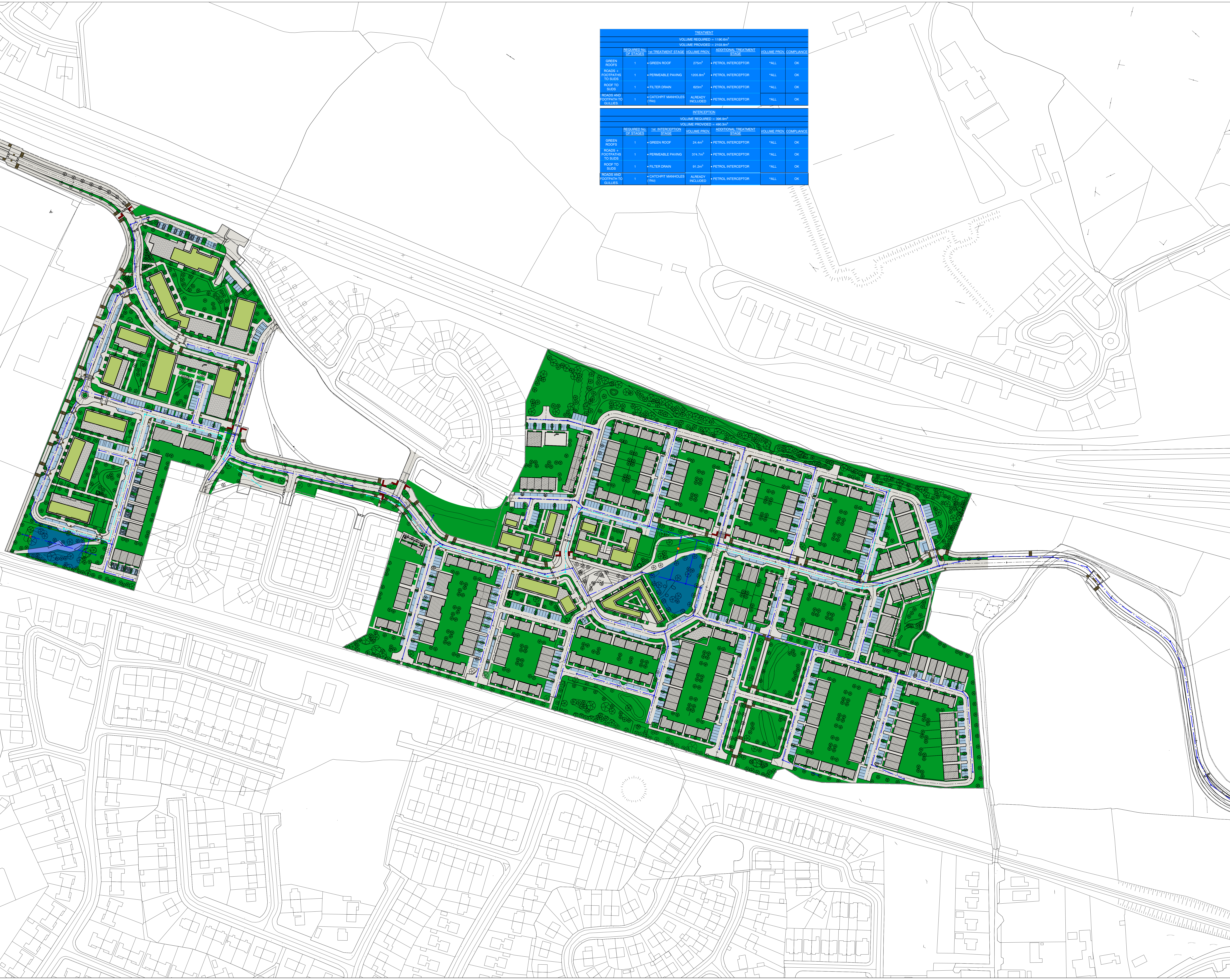


- NOTES:
1. ALL DIMENSIONS AND LEVELS IN METRES, EXCEPT IF NOTED OTHERWISE.
 2. ALL LEVELS TO MAIN HEAD DATUM.
 3. CO-ORDINATE SYSTEM IS BSH TRANSVERSE MERCATOR.

- LEGEND:
- BUILDING OUTLINE
 - SITE BOUNDARY
 - GREEN ROOF
 - PERMEABLE PAVING
 - NON CONTRIBUTORY
 - DIRECTION OF FLOW
 - PETROL INTERCEPTOR
 - CATCHPIT MANHOLE
 - SURFACE WATER MANHOLE
 - HYDROBRAKE
 - SURFACE WATER SEWER

TREATMENT					
VOLUME REQUIRED = 1180.6m ³					
REQUIRED NO. OF STAGES	1 st TREATMENT STAGE	VOLUME PROVIDED	ADDITIONAL TREATMENT STAGE	VOLUME PROVIDED	COMPLIANCE
1	GREEN ROOF	299m ³	PETROL INTERCEPTOR	*ALL	OK
1	PERMEABLE PAVING	1306.8m ³	PETROL INTERCEPTOR	*ALL	OK
1	FILTER DRAIN	639m ³	PETROL INTERCEPTOR	*ALL	OK
1	CATCHPIT MANHOLES (116)	ALREADY INCLUDED	PETROL INTERCEPTOR	*ALL	OK

DISTRIBUTION					
VOLUME REQUIRED = 346.8m ³					
VOLUME PROVIDED = 490.3m ³					
REQUIRED NO. OF STAGES	1 st INTERCEPTION STAGE	VOLUME PROVIDED	ADDITIONAL TREATMENT STAGE	VOLUME PROVIDED	COMPLIANCE
1	GREEN ROOF	24.4m ³	PETROL INTERCEPTOR	*ALL	OK
1	PERMEABLE PAVING	374.7m ³	PETROL INTERCEPTOR	*ALL	OK
1	FILTER DRAIN	91.2m ³	PETROL INTERCEPTOR	*ALL	OK
1	CATCHPIT MANHOLES (116)	ALREADY INCLUDED	PETROL INTERCEPTOR	*ALL	OK



REV	DATE	ISSUED FOR PLANNING	KGJ	LMCL
01	25/01/21	DESCRIPTION	BY	CHKD
02		A - Approved		
03		B - Approved with comments		
04		C - Do not use		

client approval

intended for

ISSUE PURPOSE

PLANNING

DBFL DBFL Consulting Engineers
Civil Structural & Transportation Engineering
www.dbfl.ae

DBFL OFFICE: Chongqing, Upper Ground, Day 1, 1001 Office
PHONE: +86 23 6860 8888
COPYRIGHT: Project Name: Manhole Map, Date: 17/11/2020
PROJECT: 180176-DBFL-SW-SP-DR-C-1013
PROJECT SITE: 180176-DBFL-SW-SP-DR-C-1013

PROJECT REF:
LUDYHOLLAN RESIDENTIAL DEVELOPMENT AT BRAWNY ROAD, LUDYHOLLAN, ATHLONE, CO. WESTMEATH

drawing title
SCHEMATIC SUDS LAYOUT PLAN

architect
DELPHI ARCHITECTS

designed by
LMCL

author
KGJ

scale
1:1000

sheet size
A0

drawing no.
180176-DBFL-SW-SP-DR-C-1013

sheet no.
P01