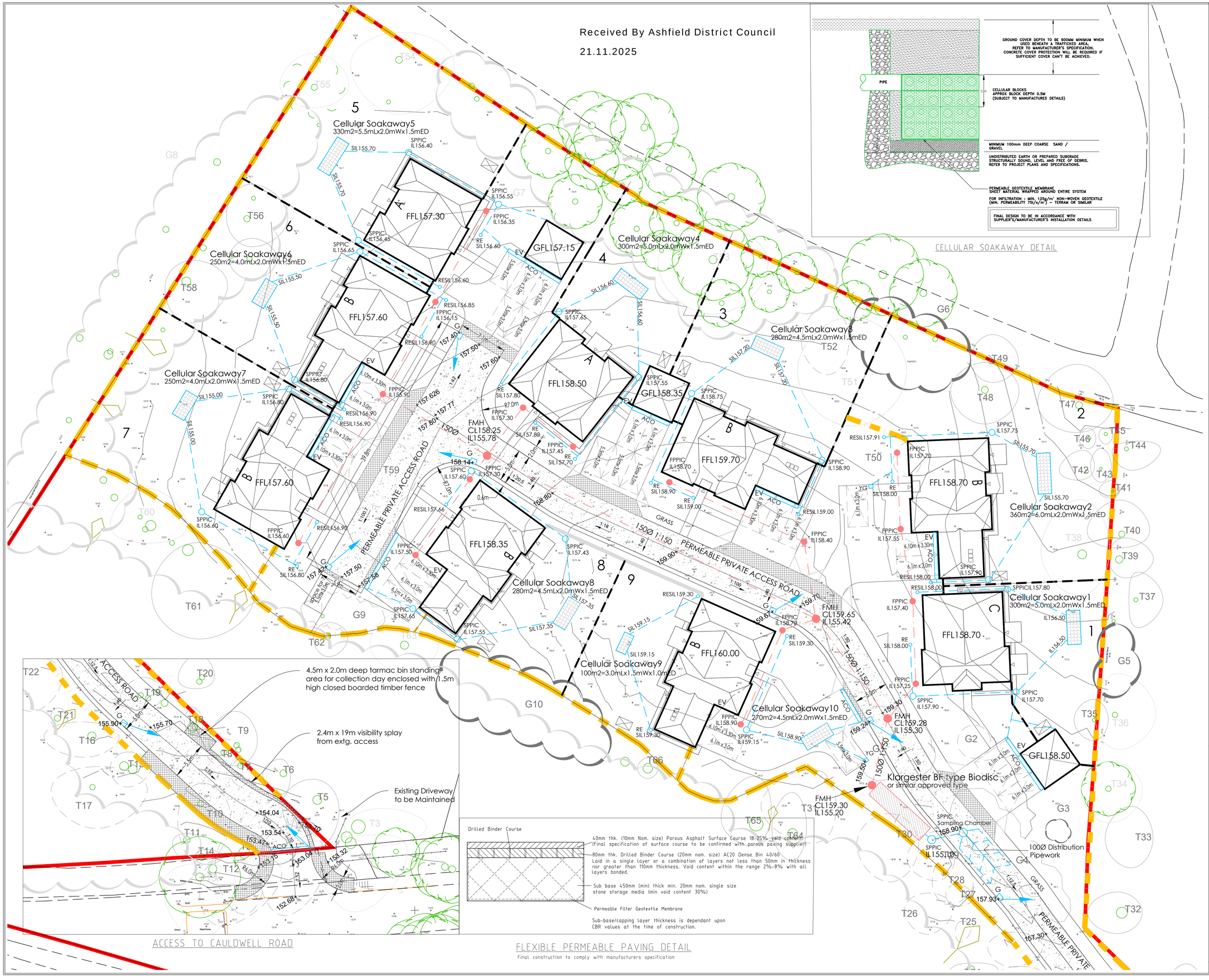
Received By Ashfield District Council

21.11.2025



ACCESS TO CAULDWELL ROAD

FLEXIBLE PERMEABLE PAVING DETAIL

Final construction to comply with manufacturers specification

CELLULAR SOAKAWAY DETAIL

NORTH

NOTES

DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/VERIFIED ON SITE

LEGEND:

FPPIC/FMH	PRIVATE FOUL WATER SEWER WITH IC/MH
SPPIC	PRIVATE SURFACE WATER SEWER WITH IC
G	ROAD GULLY (TRAPPED) WITH 150mm DIA. OUTFALL PIPE TO STONE STORAGE MEDIA BELOW PERMEABLE PAVING
RE	RODDING EYE
ACO	ACO CHANNEL DRAIN OR SIMILAR WITH TRAPPED SUMP UNIT
MAC	MINI ACCESS CHAMBER MAX. DEPTH 0.6m
YG	YARD GULLY
	CELLULAR SOAKAWAY CRATE with Contributing Impermeable Area = LxWxED ED = EFFECTIVE DEPTH OF STRUCTURE (not total depth - refer to finished ground levels)

Soakaway sizing based on an infiltration rate of 3.0x10-5 m/s. Prior to site works commencing infiltration testing in accordance with BRE365 to be undertaken.

	PERMEABLE PAVING OVERLAYING STONE STORAGE MEDIA @ 30% VOID CONTENT
	FOOTWAY / DRIVEWAY CROSSING 25mm thk. AC6 Surface Course on 50mm thk. (90mm in adopted highway) AC20 Binder Course on 225mm thk. DOT Type 1 Sub-base.
	KLARGESTER BIODISC BF MODEL OR SIMILAR APPROVED TYPE (VENTED) Refer to Manufacturer for full specification & maintenance regime which will include a minimum clearance of solids per annum.

All drainage to be constructed in accordance with Part H of the Current Building Regulations.

Pipework to be 100mm diameter unless otherwise stated.

Foul outlets and rainwater pipe locations are to be finalised by the Architect prior to construction. Below slab drainage to be designed to coordinate with locations.

Gullies included for high intensity storm events to drain to stone storage media below permeable paving.

Soakaways to be located a minimum of 5.0m from dwellings.

Shared private driveway to have 25mm kerb upstand except at junction to Cauldwell Road where kerbing is to accord with NCC Highway specification & ASC Drg. SC130/100B/P

+159.90	Existing ground level
+159.70	Proposed ground / road level
FFL160.00	Proposed Finished Floor Level
GFL158.50	Proposed Garage Floor Level

E	Further details added for tender purposes. Nov 25
D	Soakaway location adjusted to plot 3. July 25
C	Preliminary levels added. June 25
B	Biodisc unit relocated. Mar 25
A	Further drainage details added. Mar 25

Armstrong Stokes & Clayton Limited

Civil & Structural Engineering Consultants

Regus House, Herald Way, Pegasus Business Park, Castle Donington, Derbyshire, DE74 2TZ

Tel: 01332 473 844

Client:

Dukeries Homes Ltd

Job Title:

Proposed Residential Development at Cauldwell Road Mansfield

Drawing Title:

Drainage & Levels Layout

Drawing number:

SC130/100E/P

Drawn:	Date:	Scale:	
JS	Oct 24	1:250	A1

Preliminary ■ Detailed □ Tender ■ As Built □