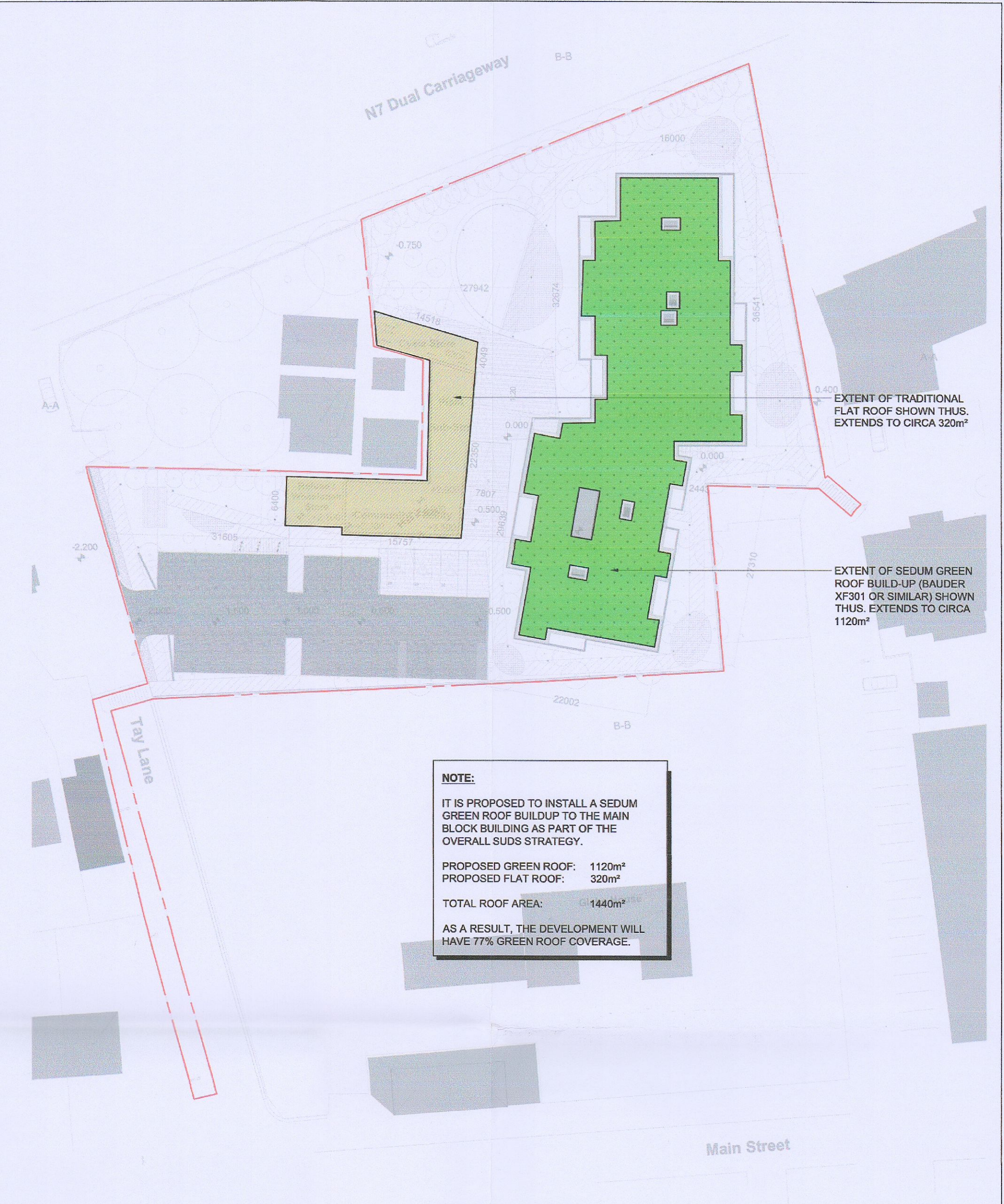


1 EXISTING SITE FLOW PATHS
SCALE 1:500



1 PROPOSED SITE FLOW PATHS
SCALE 1:500



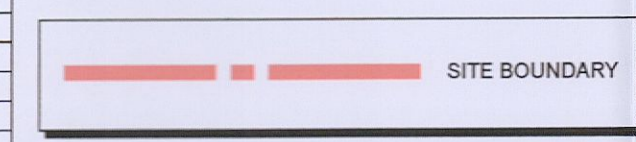
1 PROPOSED GREEN ROOF EXTENTS
SCALE 1:500

NOTE:
IT IS PROPOSED TO INSTALL A SEDUM GREEN ROOF BUILDUP TO THE MAIN BLOCK BUILDING AS PART OF THE OVERALL SUDS STRATEGY.
PROPOSED GREEN ROOF: 1120m²
PROPOSED FLAT ROOF: 320m²
TOTAL ROOF AREA: 1440m²
AS A RESULT, THE DEVELOPMENT WILL HAVE 77% GREEN ROOF COVERAGE.

EXTENT OF TRADITIONAL FLAT ROOF SHOWN THUS. EXTENDS TO CIRCA 320m²

EXTENT OF SEDUM GREEN ROOF BUILD-UP (BAUDER XF301 OR SIMILAR) SHOWN THUS. EXTENDS TO CIRCA 1120m²

REVISION SCHEDULE				
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
P1	PLANNING ISSUE	19/12/2022	TGB	JP
P2	GREEN ROOF EXTENTS ADDED	20/03/2023	TGB	JP



BAUDER
SYSTEM SUMMARY
Sedum Blanket Solution

BauderGREEN XF301 lightweight sedum system is an ultra light weight green roof solution. Typically used on roofs where heavier substrate solutions are not an option. On roofs that do not have a full depth of the product can be laid directly onto the waterproofing. When laid on flat roofs (below 2°) an additional drainage mat BauderGREEN SDF mat is fitted (see layer 3 below). BauderGREEN XF301 also contains a membrane mat which retains up to 5 litres of water/m². The vegetation grows on the blanket in a broad mat of sedum vegetation.

Product	Description	Thickness	Weight
1 BauderGREEN XF301	A single layer system system, G30 complete substrate's backsheet system with attached moisture mat, the sedum blanket is grown for circa 12 months and contains up to 5 litres of water.	30mm	4kg/m ²
2 BauderGREEN R4.01	A scraper edge rim which retains the XF301 system and secures the system to the underlying waterproofing.	R/A	R/A
3 BauderGREEN SDF mat	multifunctional drainage, filtration and protection layer manufactured from absolute resistant nylon woven fabric, which can thermally bonded to polyethylene filter fabric (except, only required on walls below 2°)	30mm	1kg/m ²
4 Bauder's	Bauder's underlying waterproofing system, options for Bitumastic membrane, hot bit, single ply or cold applied liquid systems.	R/A	R/A
Green Roof Build-up	Bully saturated, excludes the waterproofing	40mm	4kg/m ²

*Bauder also produce deeper sedum & willow/straw solutions

Where to specify:
Ideally suited to lightweight wooden roof decks or any building where weight and depth of system is critical.

Please note: All green roofs require water during times of drought. Bauder recommend that the watering and maintenance of this roof is considered and addressed during its design.

Drawing Stage: PLANNING	Project Details:	
	Site Address:	ST. BRIDGETS TAYLANE, RATHCOOLE, CO. DUBLIN
	Client:	RIVERSIDE PROJECTS Ltd.
	Architect:	PAC STUDIO
	M&E Designer:	-
Contractor:	-	

Notes

Drawn by: SG	Checked by: JP	Approved by: JP	Date: 08/11/2021
Project Name: ST. BRIDGETS TAYLANE, RATHCOOLE		Scale: 1:500 @ A1	Project Number: 2127
Drawing Title: EXISTING AND PROPOSED SURFACE WATER FLOW PATHS	Project: -	Originator: CORA	Zone: -

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Level:	Type:	Discipline:	Drawing No:	Stage:	Revision:
-	DR	C	004	P	02