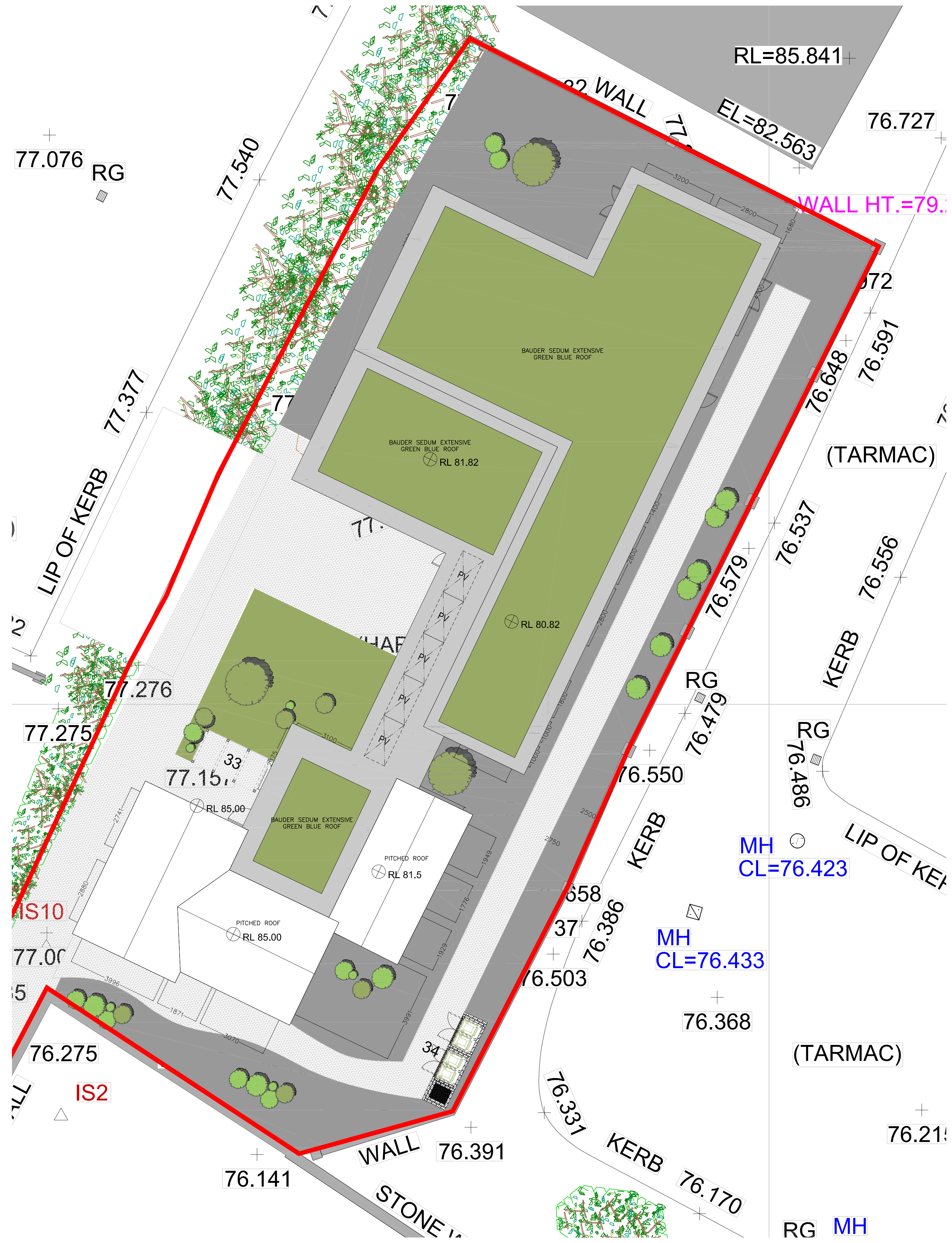
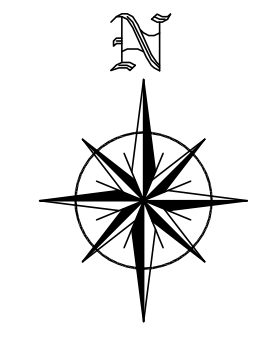


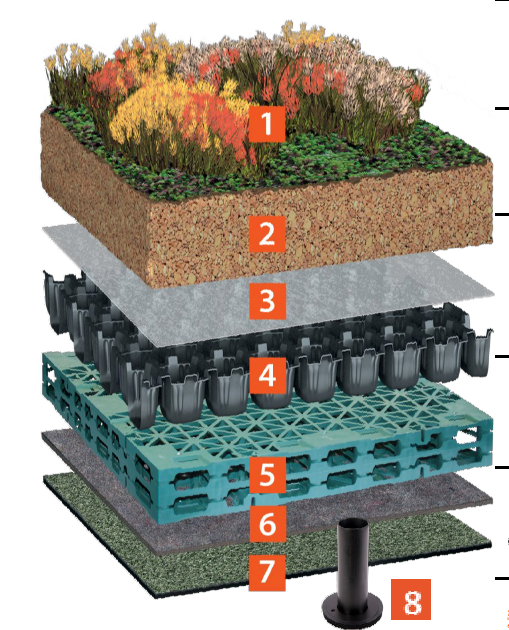
NOTES:
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Revision: V2 September 2022

SYSTEM SUMMARY **BauderBLUE STORMcell Sedum on Substrate**

Sedum on Substrate over a Blue Roof Solution
 Green roofs are an ideal partner for blue roofs as they will naturally delay and reduce rain water run-off from the roof. When combined, the blue roof system (RWR 100 blue roof attenuation cell) and ST-B or ST-HB flow restrictors allow the precise control of the roofs discharge rate and enable large volumes of water to be attenuated at roof level.
 A sedum blanket offers a low maintenance green roof. Laying Bauder's mature SB sedum blanket on a bed of Bauder's SUB-EM UK extensive substrate gives the system both rooting depth and water retention.



Product	Description	Thickness	Saturated weight
1 SB sedum blanket *	Typically sown with 17 species of sedums and grown by Bauder for around 12 months before it is harvested.	25mm	24.0Kg/m ²
2 SUB-EM UK extensive substrate	A lightweight, low nutrient growing material tested to BS8616 and manufactured to meet both GRO and FLL guidelines.	80mm	96Kg/m ²
3 SV25 100 filter fleece	Filteration layer that prevents substrate fines from washing into the drainage and water storage layer.	1mm	0.125Kg/m ²
4 DSE 20 drainage board	A 20mm drainage board, holding 7.4 ltr/m ² . It is manufactured from 100% recycled HDPE.	20mm	8.6Kg/m ² (water filled)
5 RWR 100 blue roof attenuation cell	A high strength void element which is 95%+ void. This can hold 95 litres per m ² .	100mm	8.06 kg/m ²
6 FSM 600 protection layer	Is 100% recycled Polyester and polypropylene fibre mix protection layer to prevent mechanical damage to the underlying waterproofing.	4mm	0.6Kg/m ²
7 Bauder's underlying waterproofing system	Bauder's BTGRS & BTGRS PLUS bituminous membranes or Bauder Hot Melt, bituminous waterproofing system.	N/A	N/A
8 ST-B or ST-HM flow restrictor	A combined restrictor plate and overflow, enabling discharge flow rates to be altered for SUDS requirements.	N/A	N/A
Blue & Green Roof Build up (fully saturated excluding the water held in the RWR 100 blue roof attenuation cell during a rain event and the underlying waterproofing)			230mm 137Kg/m²

*Bauder also produce Wildflower and seeded solutions
When to specify
 Where an immediate vegetated finish is required on completion. Bauder SB sedum blanket gives instant ground cover and a low maintenance solution. Ideal for very exposed roof environment.

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Note: Bauder Blue roof systems require bespoke flow rate calculations please contact Bauder's technical department

ROOF LAYOUT PLAN
 (SCALE 1:100)

Rev	Date	Description	By	Chkd

Client WESTMEATH COUNTY COUNCIL	 OBA CONSULTING CIVIL & STRUCTURAL ENGINEERS
Project Title KINNEGAD ECONOMIC ENTERPRISE HUB KINNEGAD, CO. WESTMEATH	
Drawing Title FOUL & SURFACE WATER DRAINAGE ROOF PLAN & GREEN BLUE ROOF LAYER DETAIL	The School Yard 11 Granam Street, Dublin 8, Ireland T: (353) 01 5350064 Web: www.obaconstruction.ie E: sales@obaconstruction.ie
Architect COONEY ARCHITECTS	
Scale 1:100@A1	Date FEB 2024
Drawn AM	Chkd COB
Cad File:	Drawing Status PLANNING Job Number 99-06 Drawing No. C02