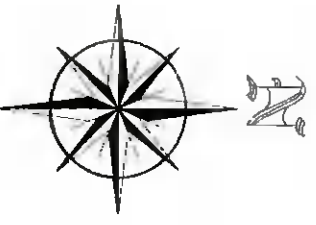


Description	Area (m <sup>2</sup> )	% of site	SUDS	Attenuation volume (m <sup>3</sup> )	Planning Reference	Changes	Notes
Existing Development: Existing Roof, courtyard, remaining access road and parking	2636	53%	Existing 230m of 67mm dia overhead pipe attenuation	82.4	SD006A/0239		<ul style="list-style-type: none"> <li>As Built</li> <li>Approved by LA</li> <li>Design criteria               <ul style="list-style-type: none"> <li>o Approved discharge = 6 l/s</li> </ul> </li> </ul>
Existing Parking and entrance access	1060	22%	Existing soakaway	8.3	SD06A/0239		<ul style="list-style-type: none"> <li>As Built</li> <li>Approved by LA</li> <li>Design criteria               <ul style="list-style-type: none"> <li>o 30-year return storm</li> <li>o f = 3.8 x 10<sup>-5</sup> m/s</li> <li>o 30 year return storm</li> </ul> </li> </ul>
Proposed Development: Proposed fire lighting access road	100	10%	Turfstone or similar permeable surfacing	Nil	SD20A/0153	Nil	
Proposed extended parking area	280	6%	Proposed soakaway	22.8	SD20A/0153	Relocated and increased by 35 m <sup>2</sup> by 12 m <sup>2</sup>	<ul style="list-style-type: none"> <li>Design criteria               <ul style="list-style-type: none"> <li>o f = 5.5 x 10<sup>-5</sup> m/s</li> <li>o 30-year return storm</li> </ul> </li> </ul>
Proposed extended building, area 'A'	270	5%	Proposed soakaway	25.8	SD20A/0153	Footprint increased by 35 m <sup>2</sup>	<ul style="list-style-type: none"> <li>Design criteria               <ul style="list-style-type: none"> <li>o f = 5.5 x 10<sup>-5</sup> m/s</li> <li>o 30 year return storm</li> </ul> </li> </ul>
Proposed extended building, area 'B' & 'C' and 2 parking bays	190	4%	*Extend 70m of 67.5mm dia overhead pipe attenuation	25	SD20A/0153	Increased by 2 parking bays	<ul style="list-style-type: none"> <li>Design criteria               <ul style="list-style-type: none"> <li>o Approved discharge = 6 l/s</li> <li>o 100 year return storm + 20% climate change</li> </ul> </li> </ul>

AREA SHOWN HATCHED IS THE INCREASE FOR THIS APPLICATION (FROM SD20A/0153)



<b>Client</b> MILLBROOK MANOR NURSING HOME		
<b>Project Title</b> SLADE ROAD, COOLMINES, SAGGART, CO. DUBLIN		
<b>Drawing Title</b> SCHEMATIC OF DEVELOPED SURFACES & SUDS APPLICATIONS		
<b>Architect</b> PROJECT DESIGN ARCHITECTS		
<b>Scale</b> 1:500@A3	<b>Date</b> JAN 2022	<b>Drawing Status</b> PLANNING Job Number 38-89A Drawing No. C05
<b>Drawn AM</b>	<b>Chkd COB</b>	
<b>Cad File:</b>		<b>Revision</b>

The School Yard  
 1 Grantham Street  
 Dublin 8, Ireland  
 T: (353) 01 5350984  
 Web: www.obaconsulting.ie  
 E: oamr@obaconsulting.ie

**OBA CONSULTING**  
 CIVIL & STRUCTURAL  
 ENGINEERS