

- SITE SERVICES - ELEMENT 50**
- NO SERVICE CONNECTION SHALL CROSS THE PUBLIC ROAD TO REACH ETU.
  - THE LOCATION OF THE SERVICES ARE INDICATIVE ONLY AND SUBJECT TO APPROVAL FROM THE RESPECTIVE SERVICE PROVIDERS AND STATUTORY BODIES.
  - THE ILLUSTRATED POSITION OF THE EXISTING WORKS IS SITE SPECIFIC AND SHALL BE DETERMINED ON SITE BY THE ENGINEERS REPRESENTATIVE.
  - THE INFORMATION ON THIS DRAWING IS COMPILED FROM RECORDS SUPPLIED TO THE ENGINEER. ANY DEPARTURES FROM ROUTES SHOWN ON THIS DRAWING TO BE AGREED WITH THE ENGINEER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SERVICES BY HAND EXCAVATION PRIOR TO CONSTRUCTION OR ANY MECHANICAL EXCAVATION.
  - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REINSTATE ALL SERVICES TO THE REQUIREMENTS OF THE RESPECTIVE UTILITIES.
  - FINAL POSITION OF ALL BOUNDARY BOXES, CHAMBERS, MAN HOLES, ABOVE GROUND PILLARS & CABINETS TO BE AGREED WITH THE LANDSCAPE ARCHITECT.
  - GAS MAIN (4 BAR) TO BE MAINTAINED A MINIMUM OF 3 METERS FROM DWELLINGS AT ALL TIMES.
  - ALL ESB & STREET LIGHTING STRICTLY IN ACCORDANCE WITH ESB GUIDELINE INCLUDING SEPARATION DISTANCES BETWEEN PILLARS AND OTHER SERVICES.
  - ALL SERVICES BOXES, MANHOLE CHAMBERS, ABOVE GROUND PILLARS & CABINETS TO BE POSITIONED ON PUBLIC LAND.

**SITE SERVICES LEGEND - ELEMENT 50**

<p>Ø125 ESB RED DUCT</p> <p>3X64q SWA GALBE LAID IN DUCTING TO I.S. 10101-200 SINGLE WALL DUCTING, COLOUR RED TO BE USED MANUFACTURED FROM HIGH DENSITY POLYETHYLENE (H.D.P.E.), 107mm EXTERNAL DIAMETER, HAVING A WALL THICKNESS OF 5mm THIS DUCTING TO HAVE THE WORDS "STREET LIGHTING" STAMPED ON, LETTER SIZE 9mm AT 1M INTERVALS. THE LETTERING TO FACE UPPERMOST IN THE TRENCH ALL WORKS TO LOCAL AUTHORITY SPECIFICATION. THIS IS A CIRCUIT LAYOUT AND NOT INDICATIVE OF WHERE DUCTS ARE TO BE LAID.</p>	<p>TYPE A COLUMN DETAILS</p> <p>HEIGHT : 6m</p> <p>COLUMN QUANTITY : 7</p> <p>TYPE A COLUMNS DETAILS</p> <p>MAKE &amp; MODEL : VEE-LITE METRO STREETLIGHT</p> <p>LAMP(S) : 10W LED FORWARD THROW A OPTIC</p> <p>MP : 8 LED 3000K G4</p>
<p>MINI PILLAR</p> <p>MICRO PILLAR</p> <p>PUBLIC LIGHTING CHAMBER</p>	<p>TYPE B COLUMN DETAILS</p> <p>HEIGHT : 6m</p> <p>COLUMN QUANTITY : 11</p> <p>TYPE B COLUMNS DETAILS</p> <p>MAKE &amp; MODEL : VEE-LITE METRO STREETLIGHT</p> <p>LAMP(S) : 10W LED STREET OPTIC R03</p> <p>MP : 8 LED 3000K G4</p>



**LEGEND**

**SOFT LANDSCAPE**

**Proposed Tree Planting 150cm ht.**

- T1 *Amenchier lamarckii*
- T2 *Magnolia stellata*
- T3 *Viburnum opulus*
- T4 *Acer palmatum*
- T5 *Rhus typhina*
- T6 *Prunus avium 'Plena'*
- T7 *Arbutus unedo*
- T8 *Malus 'John Downie'*

**Proposed Tree Planting 18-20cm girth**

- T9 *Pyrus calleryana 'Chanticleer'*
- T10 *Betula pendula*
- T11 *Fagus sylvatica*
- T12 *Acer campestre 'Elsrijk'*

**Existing Trees Retained**

**Existing Trees/Hedgerow Removed**

**G1 Amenity Grass**  
300mm min. Topsoil depth

**G2 Amenity Grass - Rear Gardens**  
300mm topsoil depth

**M1 - Wild Flower Meadow**  
An appropriate dry meadow type with wildflowers for these areas would simulate NVC type MGS. Appropriate herbs for this type of meadow include:

**S1 - Shrub Planting**  
450mm topsoil depth

Code	Species Name	Specification	Plant/m2
c/g 2L	<i>Agapanthus africanus</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>
c/g P9	<i>Allium ursinum</i>	c/g P9 20-30cm ht.	7m <sup>2</sup>
c/g 2L	<i>Eryngium 'Bowles' Mauve'</i>	c/g 2L 30-40cm ht.	5m <sup>2</sup>
c/g 3L	<i>Liberia grandiflora</i>	c/g 3L 30-40cm ht.	3m <sup>2</sup>
c/g 2L	<i>Kniphofia 'Royal Standard'</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>
c/g 2L	<i>Tubaghia violacea</i>	c/g 2L 30-40cm ht.	3m <sup>2</sup>

**S2 - Tree Pit Shrub Planting**

Species Name	Specification	Plant/m2	%
<i>Persicaria affinis</i>	c/g 1L 20-30cm ht.	7m <sup>2</sup>	50
<i>Astilbe</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>	5
<i>Iris sibirica</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>	15
<i>Hebeborus</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>	10
<i>Kniphofia Red Hot Poker</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>	15
<i>Carex pendula</i>	c/g 2L 30-40cm ht.	7m <sup>2</sup>	15

**S3 - Woodland Groundcover Planting Mix**

**Extensive Green Roof**

**H1 - Native Hedgerow (450mm topsoil depth / 100cm Double Staggered Row)**

Species Name	Specification	Centres	%
<i>Ilex aquifolium</i>	100cm ht.	500mm	50
<i>Crataegus monogyna</i>	100cm ht.	500mm	50

**H1 - Structural Hedgerow (450mm topsoil depth / 100cm Single Row)**

Species Name	Specification	Centres	%
<i>Prunus lusitanica</i>	100cm ht.	500mm	

**Main Roadway (to Engineer's Specification)**  
Black SMA

**Homezone Shared Surface**  
SMA with red chip

**Unit Entrance Paving - Rectangular Permeable Paving in Charcoal.**  
200x100x60mm. Stretcher Bond. Border: Rectangular Permeable Paving in Silver. 200x100x60mm. Soldier Course. (or similar approved)

**Unit Entrance Paving - Rectangular Permeable Paving in Silver.**  
200x100x60mm. Stretcher Bond. Border: Rectangular Permeable Paving in Charcoal. 200x100x60mm. Soldier Course. (or similar approved)

**Parking Spaces - Permeable Paving in Brindle/Rustle (or similar approved)**  
Herringbone Border. Permeable Paving 200x100x60mm Soldier Course

**Concrete Footpath (to Engineer's Specification)**  
In-situ concrete with exposed aggregate. Brushed with trowel edge finish

**Compacted Gravel Surface**  
Ballyusk or similar, as approved

**Play Surfacing**  
Engineered Woodchip Mulch 300mm Depth w/ Treated Timber Edging.

**Bike/Bin Stores**

**LANDSCAPE FURNITURE / FEATURES**

**Benches**  
Hartecast HC2001S Bench or similar approved

**Structured Play Elements**  
Multi-age play Elements

**BOUNDARY TREATMENT**

**Parkland Estate Railing (1.2m high)**  
(3 Bar Powder Coated Black) or similar approved.

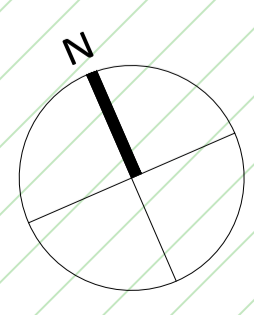
**Stone Wall Pier (Height to be 300mm above Finished Boundary)**  
Stone piers to pedestrian entrances

**Butt Wall & Upright Bar Railing**  
Butt Wall (0.6m high) with Upright Bar Fence (1.2m high) with Piers (2m high)

**Existing Boundary Retained (1.8m high)**  
Parkland Railing with Stone Piers at entrance.

**Existing Boundary Retained**  
Natural Stone Wall

Combined Landscape & Lighting Plan - sc. 1:250



Project Title: Residential Development at Mount St.Marys, Dundrum Road, Dublin 14

REV	DATE	BY	CHECKED	DESCRIPTION
E	17/02/2025	PL	RMD	Planning
D	22/10/2024	PL	RMD	Pre Planning
C	01/10/2024	PL	RMD	Pre Planning
B	05/09/2024	PL	RMD	Pre Planning
A	30/08/2024	PL	RMD	Pre Planning

Client:	DLR	Dwg No.:	1.3 LIGHTING PLAN
Drawing Title:	Combined Lighting Plan	Scale:	1:250
Job No.:	1884	Date:	17/02/2025

**RMDA**  
LANDSCAPE ARCHITECTS + CONSULTANTS

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