



- EXISTING WATERMAIN
- PROPOSED WATERMAIN
- PROPOSED SLUICE VALVE
- PROPOSED SCOUR VALVE
- PROPOSED AIR VALVE
- PROPOSED HYDRANT
- PROPOSED BULK METER
- PROPOSED BOUNDARY BOX

LEGEND:

- EXISTING FOUL SEWER
- EXISTING SURFACE WATER DITCH
- PROPOSED FOUL SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED SDCC additional 450mmØ SW
- PROPOSED 150mmØ PERFORATED PIPE (PERMEABLE PAVING COLLECTOR PIPE)
- PROPOSED PERMEABLE PAVING
- PROPOSED PERMEABLE COLLECTION INSPECTION CHAMBER
- PROPOSED TREE PIT
- PROPOSED OVERFLOW FROM TREE PITS
- PROPOSED ROAD GULLY
- PROPOSED RAINWATER BUTT
- PROPOSED REAR GARDEN INFILTRATION TRENCH WITH PERFORATED COLLECTOR PIPE
- PROPOSED SWALE
- PROPOSED KERB INLET
- PROPOSED SWALE COLLECTION CHAMBER WITH GRATED LID ON CHAMBER WITH GRATED LID
- SWALE CHECK DAM

Lighting Legend

- TYPE A COLUMN DETAILS**
 - HEIGHT: 6m
 - BRACKET LENGTH: Post-top
 - INCLINATION: 0 Degrees
 - COLUMN QUANTITY: 4
 - TYPE B COLUMN DETAILS**
 - HEIGHT: 6m
 - BRACKET LENGTH: Post-top
 - INCLINATION: 0 Degrees
 - COLUMN QUANTITY: 4
 - TYPE D COLUMN DETAILS**
 - HEIGHT: 6m
 - BRACKET LENGTH: Post-top
 - INCLINATION: 0 Degrees
 - COLUMN QUANTITY: 4
- 200eq INVCY cable laid in ducting to I.S. 10101:2020. Single wall ducting, colour red to be used manufactured from high density polyethylene (H.D.P.E.), 102mm external diameter, having a wall thickness of 5mm. This ducting to have the words 'Street Lighting' stamped on letter size lines at 5m intervals. The lettering to face upstream in the trench. All works to be Local Authority specification. This is a crucial layout and not indicative of where ducts are to be laid. Public Lighting Poles (located at least 2m from ESB poles)
- Public lighting cable chamber as per Local Authority P.L. Dept. specification.

HARD LANDSCAPE TREATMENTS

- Proposed Boundary Treatments**
 - BOUNDARY TREATMENT 1**: Feature Wall - Dry Dash Wall, Rendered Plinth, Conc. Cap & Brick Piers To Public Realm. Rubbed Joints Block Work To Private. See Detail or Similar Approved.
 - BOUNDARY TREATMENT 2**: Garden Boundary Fence - Concrete Post & Gravel Board & Wooden Panel, See Detail or Similar Approved.
 - BOUNDARY TREATMENT 3**: Garden Access Wooden Gate See Detail or Similar Approved.
 - BOUNDARY TREATMENT 4**: Garden Boundary Wall. Block Wall with Concrete Capping See Detail or Similar Approved.
 - BOUNDARY TREATMENT 5**: 1.2M High Parkland Railing. Galvanised & Painted with Black C3 Paint. See Detail or Similar Approved.
 - BOUNDARY TREATMENT 6**: Weld Mesh Fence
 - BOUNDARY TREATMENT 7**: Infill Concrete Post & Panel
 - BOUNDARY TREATMENT 8**: Rendered Wall to Oakville House

PROPOSED PLANTING SCHEME

Tree Planting

No.	Name	Size	Qty:
T1	Acer campestre 'Elsrijk'	18-20cm, girth	28
T2	Amelanchier lamarkii	150cm, Height	2
T3	Betula pendula	14 -16cm, girth	37
T4	Beula pendula 'Multi stem'	14 -16cm, girth	5
T5	Carpinus betulus 'Frans fontaine'	20 - 25cm, girth	3
T6	Corylus colurna	14 -16cm, girth	5
T7	Fagus sylvatica 'Dawcyk'	16 -18cm, girth	0
T8	Malus 'John Downie'	12 -14cm, girth	20
T9	Pinus sylvestris	150cm, Height	1
T10	Prunus avium 'Plena'	16 -18cm, girth	4
T11	Viburnum opulus	150cm, Height	8
T12	Alnus glutinosa	14 -16cm, girth	8
T13	Salix alba	12 -14cm, girth	19

PROPOSED PLANTING SCHEME

Ground Cover Planting

No.	Name	Size	Rate
G1	Bergenia cordifolia	2Ltr.	5/m²
G2	Persicaria affine	2Ltr.	5/m²
G3	Hedera helix 'Hibernica'	1Ltr.	5/m²
G4	Vinca Minor	1Ltr.	5/m²

PROPOSED PLANTING SCHEME

Shrub Planting

No.	Name	Size	Rate
S1	Lavandula angustifolia	3Ltr.	4/m²
S2	Miscanthus sinensis	3Ltr.	3/m²
S3	Astelia 'Silver spear'	5Ltr.	3/m²
S4	Prunus 'Otto luyken'	5Ltr.	3/m²
S5	Nerine bowdenii	5Ltr.	3/m²
S6	Libertia grandiflora	3Ltr.	3/m²
S7	Lonicera pileata	3Ltr.	3/m²
S8	Agapanthus 'Blue Giant'	5Ltr.	3/m²
S9	Kniphofia 'Royal standard'	2Ltr.	3/m²
S10	Sedum spectabile	2Ltr.	3/m²
S11	Hypericum calycinum	2Ltr.	3/m²

PROPOSED PLANTING SCHEME

Hedge Planting

No.	Name	Size	Rate
H1	Prunus lusitanica	100cm	3/lin m
H2	Native Hedgerow (See Dwg.02)		

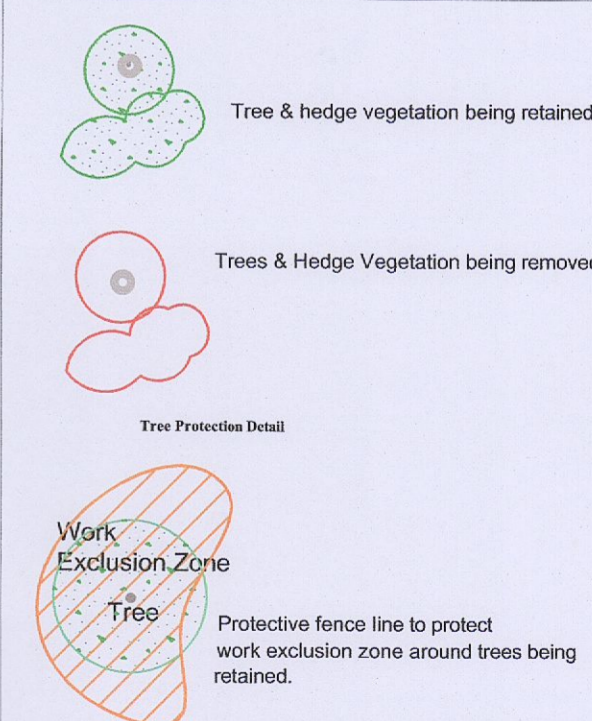
(Double Row 400mm Apart at 400mm Centres)

LANDSCAPE TREATMENTS

- SOFT LANDSCAPE TREATMENTS**
 - EXISTING TREE PLANTING To Be Retained**
 - PROPOSED TREE PLANTING**
 - PROPOSED GRASSED AREAS Private Gardens**
 - PROPOSED GRASSED AREAS Public Areas**
 - PROPOSED SHRUB PLANTING Private Areas - See Schedule**
 - PROPOSED SHRUB PLANTING Public Areas - See Schedule**
 - PROPOSED HEDGE PLANTING 1 Prunus lusitanica**
 - PROPOSED HEDGE PLANTING 2 Native Pollinator - See Schedule**
 - PROPOSED GRASSED MOUNDING See Schedule**

HARD LANDSCAPE TREATMENTS

- Proposed Paving**
- SURFACE TREATMENT 1**: Castlestone Charcoal Grey Permeable Paving Blocks. 240 x 160 x 80mm, 160 x 160 x 80mm or Similar Approved.
 - SURFACE TREATMENT 2**: Castlestone Natural Permeable Paving Blocks. 240 x 160 x 80mm, 160 x 160 x 80mm or Similar Approved.
 - SURFACE TREATMENT 3**: Country Cobble Cashel Paving. 200 x 150 x 60mm, 150 x 150 x 60mm, 100 x 150 x 80mm, with Natural Sotker Course Border 240mm Wide or Similar Approved.
 - SURFACE TREATMENT 4**: Pedestrian Path - Brushed Concrete Finish with Trowelled Edge
 - SURFACE TREATMENT 5**: Dust Path Or Similar Approved.
 - SURFACE TREATMENT 6**: Road - Tarmacadam Surface or Similar Approved.
 - SURFACE TREATMENT 7**: Shared Surface - Tarmacadam with Coloured Chipping Similar Approved.
 - SURFACE TREATMENT 8**: In-situ Concrete Flush Kerb or Similar Approved.



Project Title: Proposed Residential Development at Newcastle Village, Co. Dublin.

Client: Deane & Deane Ltd.

Drawing Title: Combined Engineer Drainage & Landscape Plan

Job No.: 1667

Dwg. No.: 03

Scale: 1:500 @ A1

Date: 22.12.2021

Drawing By: AMT

Checked By: RMD

RMDA
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