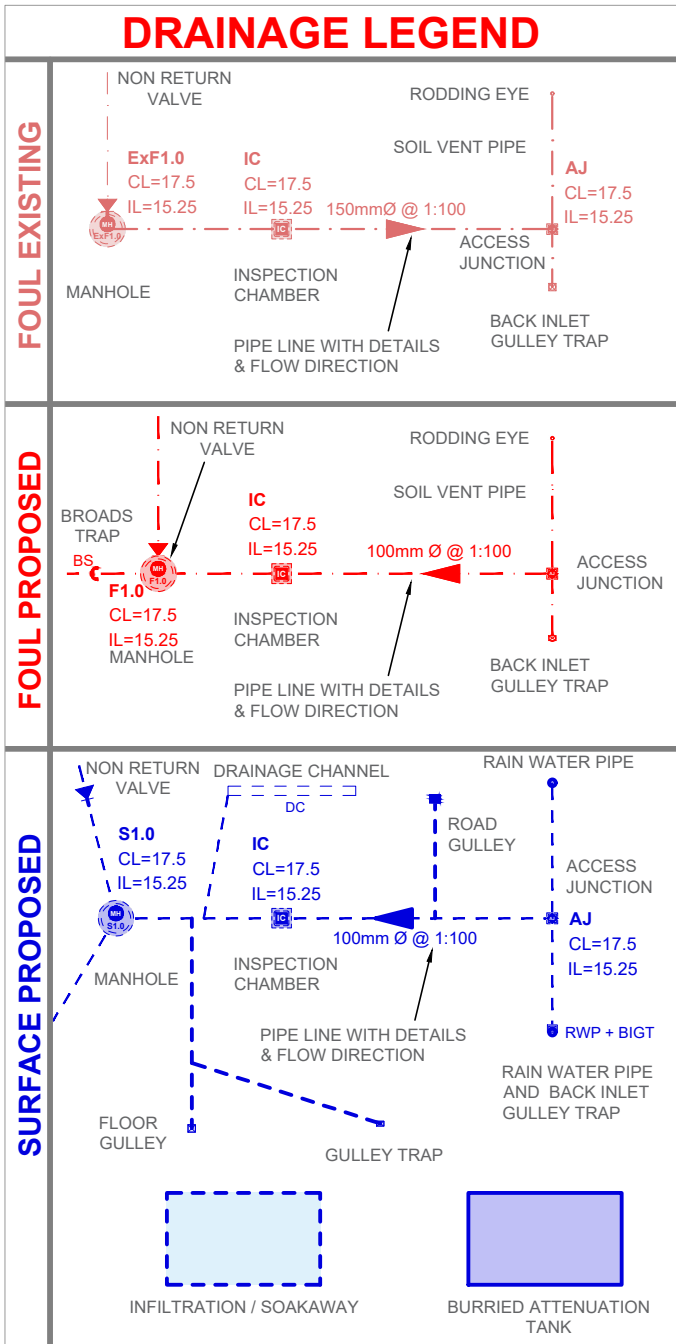




SURFACE WATER MANHOLES			
MH	CL	IL	
S1.0	56.042	55.100	
S1.1	55.967	54.479	
S1.2	55.032	52.825	
S1.3	54.674	52.173	
S1.4	54.023	51.200	
SUMP OF 0.5m			
S2.0	56.457	55.400	
S3.0	54.950	53.700	
S4.0	54.424	53.499	
S5.0	54.031	53.106	
S5.1	53.757	52.813	
S5.2	53.825	52.727	
S6.0	52.959	51.959	
S6.1	52.732	51.723	
S6.2	52.833	51.593	
S6.3	53.232	51.315	
SUM OF 0.5m			
S7.0	53.697	52.500	
S8.0	52.550	50.949	
S8.1	52.962	50.565	
S8.2	52.982	50.388	



- ALL FOUL SEWERS TO HAVE A SN8 RING STIFFNESS UNTIL INSPECTION CHAMBER. PRIVATE SIDE DRAINAGE TO COMPLY WITH BUILDING REGULATIONS.
- TREE POSITIONS ON LANDSCAPING DRAWINGS TO COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12.
- SECTION DETAILS AS PER STANDARD DOCUMENT FROM WASTEWATER CODE OF PRACTICE.
- REFER TO DETAIL STD-WW-02&03 FOR TYPICAL DETAIL OF INSPECTION CHAMBER.
- FOUL WATER MANHOLE COVERS LOCATED IN SOFT LANDSCAPE/GRASS AREAS TO BE SURROUNDED BY A CONCRETE PLINTH 200mm ALL ROUND & 100mm DEEP FORMED WITH C20/25 CONCRETE. 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 804. MANHOLE COVERS MUST REMAIN IDENTIFIABLE, ACCESSIBLE & MUST NOT BECOME OVERGROWN.
- ALL INSPECTION CHAMBERS AND ACCESS JUNCTIONS TO COMPLY WITH TABLE 9 OF TGD H. IC TO HAVE A MAXIMUM DEPTH OF 1,000mm, AJ TO HAVE A MAXIMUM DEPTH OF 600mm.
- THE CONTRACTOR SHALL CONSTRUCT ALL FOUL DRAINAGE AND WATERMAINS IN ACCORDANCE WITH THE LATEST IRISH WATER STANDARD DETAILS AND CODES OF PRACTICE.
- POSITIONS OF SERVICES SHOWN ARE INDICATIVE ONLY. THE SETTING-OUT OF ALL SERVICES INDICATED IS THE RESPONSIBILITY OF THE CONTRACTOR, AND HE/SHE SHALL SATISFY THEMSELVES THAT THE REQUIRED DEPTH OF COVER AND SEPARATION DISTANCES ARE ACHIEVED IN ACCORDANCE WITH THE IRISH WATER CODES OF PRACTICE AND STANDARD DETAILS.
- THE CONTRACTOR SHALL REVIEW THE PLAN LAYOUT PRIOR TO COMMENCEMENT HAVING REGARD TO THE REQUIREMENTS OF THE CODES OF PRACTICE AND STANDARD DETAILS PUBLISHED BY IRISH WATER. WHERE A DISCREPANCY BETWEEN BMCE PLAN LAYOUT DRAWINGS AND THE RELEVANT REQUIREMENTS OF THE CODES OF PRACTICE OR STANDARD DETAILS IS IDENTIFIED AS PART OF THIS REVIEW, THE CONTRACTOR MUST CONSULT BMCE, PRIOR TO COMMENCING CONSTRUCTION, SO THAT AN APPROPRIATE DESIGN AMENDMENT CAN BE MADE IF NECESSARY.
- MINIMUM SELF CLEANSING VELOCITY (1.19m/s) IS BEING ADHERED TO AS PER SECTION 3.6 OF THE WASTEWATER CODE OF PRACTICE. A MINIMUM SIZE OF 2250 WITH A MINIMUM SLOPE OF 1:150 HAS BEEN SIZED FOR THE ENTIRE SITE, THAT GETS A VELOCITY OF 1.19m/s WHICH IS IN ACCORDANCE WITH THE MINIMUM REQUIRED.
- FOUL PIPE MATERIAL: SN8 THERMOPLASTIC STRUCTURED WALL PIPE.
- ALL PIPES 100mm DIA UNLESS NOTED OTHERWISE.

- Existing Trees/Hedges**
To be retained
- SOFT LANDSCAPE**
Proposed Tree Planting
Alnus glutinosa, Amelanchier grandiflora, Betula pendula, Carpinus betulus 'Fastigiata', Pinus sylvestris, Prunus avium 'Pinnis', Quercus robur, Salix alba, Sorbus aucuparia, Tilia cordata
- Amenity Grass - Public Area**
300mm min. Topsoil depth
- Amenity Grass - Communal Open Space**
300mm min. Topsoil depth
- Amenity Grass - Rear garden**
300mm min. Topsoil depth
- Mounding**
500mm min. per contour
- M1 - Wild Flower Meadow** - xxx sq.m
An appropriate dry meadow type with wildflowers for these areas would simulate NVC type MG5. Appropriate herbs for this type of meadow include:
Borage, Corn Poppy (Papaver Rhoeas), Cornflower (Centaurea Cyanus), Lesser Knapweed (Centauria nigra), Musk Mallow (Malva Moschata), Ox Eye Daisy (Leucanthemum Vulgare), Red Campion (Silene Dioica), Wild Red Clover, Ribwort Plantain (Plantago lanceolata), Salad Burnet (Sanguisorba Minor), Self heal (Prunella vulgaris), White Campion (Silene Alba), Yarrow (Achillea Millefolium)

- Common Area Mix**
Shrub, Ground Cover & Perennial Planting
450mm topsoil depth
Species Name
Shrubs: Cistus corbariensis, Astelia 'Silver Spear', Prunus 'Luyken', Lavandula angustifolia
Ground Cover: *Hedera helix 'Hibernica', Persicaria affinis, Berberis cordifolia, Helleborus niger*
Perennial: *Agapanthus 'Blue Umbrella', Allium 'Purple sensation', Crocosmia 'Lucifer', Kniphofia royal standard, Galium odoratum/Tulbaghia*
- Proposed Swale**
- H1 - Proposed Native Hedgerow**
450mm topsoil dept/100cm Double Staggered Row
Species Name
Craetagus monogyna, Prunus spinosa, Ilex aquifolium, Rosa canina, Lonicera periclymenum 'Graham Thomas'
- H2 - Beech double hedgerow with post & wire fence between the rows**
450mm topsoil dept
Species Name
Fagus sylvatica
- H3 - Structural/Defensive Hedgerow**
450mm topsoil dept/100cm Single Staggered Row
Species Name
Elaeagnus x ebbingei

- HARD LANDSCAPE**
- Main Roadway**
(to Engineer's Specification)
Tarmacadam or similar approved
- Homezone Residential Roadway**
(to Engineer's Specification)
Tarmacadam with red graphic chipping or similar approved
- Concrete Footpath**
(to Engineer's Specification)
In-situ concrete. Brushed with trowel edge finish or similar approved
- Cycle Path**
(to Engineer's Specification)
Tarmacadam, colour to be decided or similar approved
- Trail**
(to Engineer's Specification)
Tarmacadam, colour to be decided or similar approved
- Soft Play Area**
Wetpour Safety Surface or similar approved
- Parking Areas**
Permeable Paving: Silver (200x100x80mm) with silver border or similar approved
- Homezone Area Footpath**
Permeable Paving: Charcoal: 3 size mix x 80mm (120x160mm, 160x160mm, 240x240mm) with silver border or similar approved

Project Title: Residential Development at Forest Road, Swords, Co. Dublin				
REV	DATE	BY	CHECKED	DESCRIPTION
O	10/06/2025	MSC	RMD	Planning - Landscape Plan
N	29/05/2025	MSC	RMD	Planning - Landscape Plan
M	28/05/2025	MSC	RMD	Planning - Landscape Plan
L	27/05/2025	MSC	RMD	Planning - Landscape Plan
K	26/05/2025	MSC	RMD	Planning - Landscape Plan
J	09/05/2025	MSC	RMD	Planning - Landscape Plan
I	07/05/2025	MSC	RMD	Planning - Landscape Plan

Client: **Golden Port Homes Limited** Dwg No. 07

Drawing Title: Combined Landscape & Engineers Plan Scale 1:500

Job No. 1875 Date 17/01/2025

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