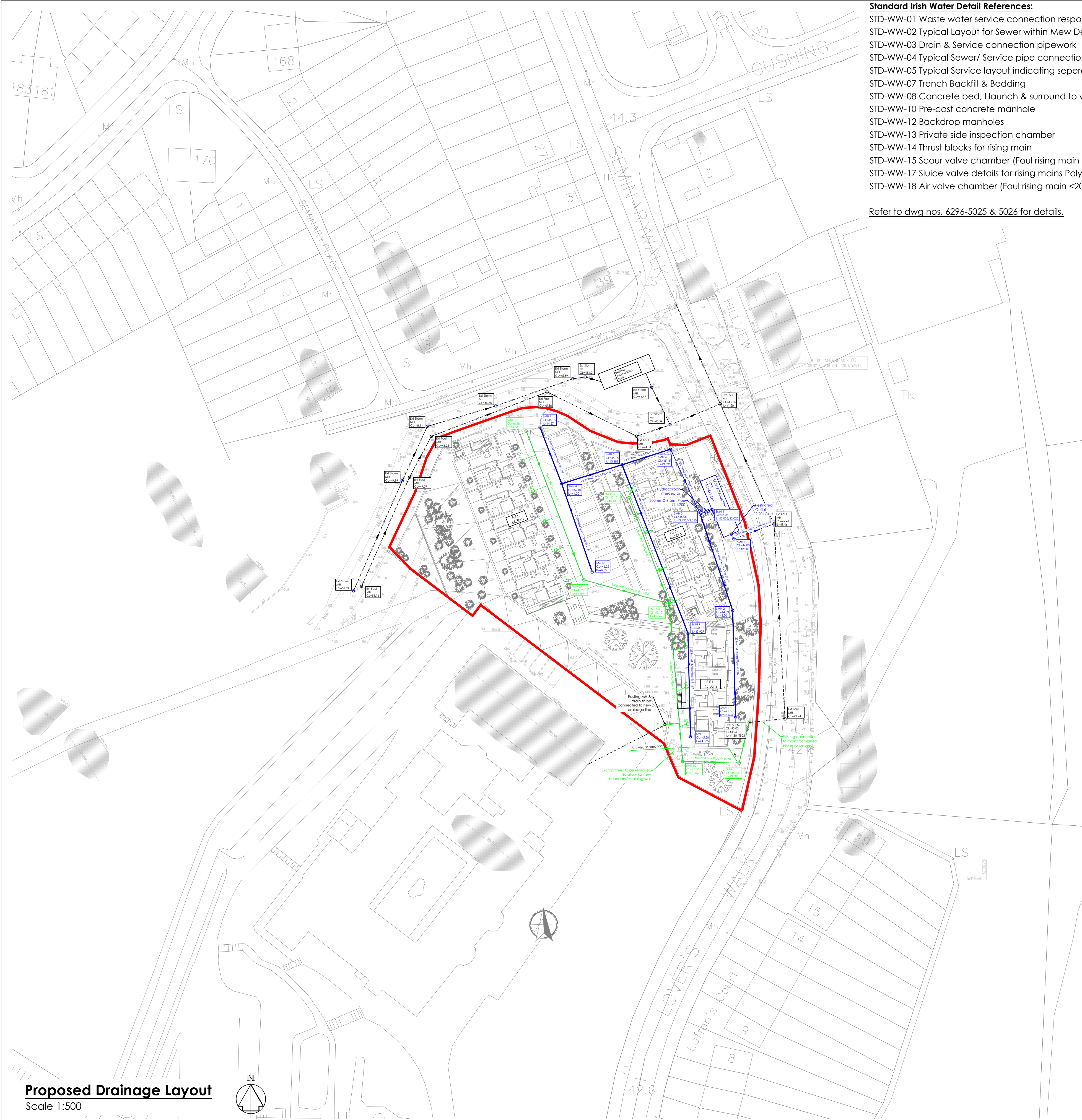




Proposed Drainage Layout
Scale 1:500

Standard Irish Water Detail References:

- STD-WW-01 Waste water service connection responsibility
- STD-WW-02 Typical Layout for Sewer within Mew Developments
- STD-WW-03 Drain & Service connection pipework
- STD-WW-04 Typical Sewer/ Service pipe connection
- STD-WW-05 Typical Service layout indicating seperation distances
- STD-WW-07 Trench Backfill & Bedding
- STD-WW-08 Concrete bed, Haunch & surround to wastewater pipes
- STD-WW-10 Pre-cast concrete manhole
- STD-WW-12 Backdrop manholes
- STD-WW-13 Private side inspection chamber
- STD-WW-14 Thrust blocks for rising main
- STD-WW-15 Scour valve chamber (Foul rising main <200mmØ)
- STD-WW-17 Sluice valve details for rising mains Polyethylene (P.E.) Pipe (<200mmØ)
- STD-WW-18 Air valve chamber (Foul rising main <200mmØ)

Refer to dwg nos. 6296-5025 & 5026 for details.

Legend:

Wastewater Details:	
	Denotes Foul Pipe
	Denotes Foul Manhole
	Denotes Foul Sewer (Concrete encased)
	Denotes Ex. Foul Sewer
	Denotes Inspection Chamber
Storm Water Details:	
	Denotes Storm Pipe
	Denotes Storm Manhole
	Denotes Storm Sewer (Concrete encased)
	Road Gully
	Denotes Ex. Storm Sewer

Document No. IW-CDS-5030-01		
Waste Water Service Connection Responsibility :		STD-WW-01
Drain & Service Connection Pipework :		STD-WW-03
Typical Sewer / Service pipe Connection :		STD-WW-04
Trench Backfill & Bearing :		STD-WW-07
Concrete Bed, Haunch & Surround to Waste Water :		STD-WW-08
Pre-cast Concrete Manhole :		STD-WW-10
Backdrop manholes:		STD-WW-12
Private Side Inspection Chamber :		STD-WW-13
Thrust blocks for rising main:		STD-WW-14
Scour valve chamber (Foul rising main <200mmØ):		STD-WW-15
Sluice valve details for rising mains Polyethylene (P.E.) (<200mmØ) :		STD-WW-17
Air valve chamber (Foul rising main <200mmØ) :		STD-WW-18

Note:

- Refer to Irish Water Standard Details Drawings Document No. IW-CDS-5030-01
- Pipe materials shall comply with Section 3.9 of Irish Water's Code of Practice.
- All works to be constructed to conform with Irish Water's Code of Practice for Wastewater Infrastructure: Document No. IW-CDS-5030-03.
- For Drainage Layout to Perimeter of Dwellings, refer to Dwelling Drawings.

Foul MH Schedule

US/MH Name	US/CL (m)	US/IL (m)	Depth (m)
FMH.01	45.200	43.306	1.894
FMH.02	45.300	43.396	1.904
FMH.03	45.150	43.649	1.501
FMH.04	45.150	44.100	1.050
FMH.05	46.220	44.194	2.026
FMH.06	46.180	44.830	1.350

Foul Pipe Schedule

US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/IL (m)	DS/IL (m)	Pipe DIA (mm)
FMH.06	38.150	0.636	60.0	44.830	44.194	150
FMH.05	21.165	0.545	38.8	44.194	43.649	150
FMH.04	27.055	0.451	60.0	44.100	43.649	150
FMH.03	37.915	0.253	150.0	43.649	43.396	150
FMH.02	13.495	0.090	150.0	43.396	43.306	150
FMH.01	9.975	0.067	150.0	43.306	43.240	150

Storm MH Schedule

US/MH Name	US/CL (m)	US/IL (m)	Depth (m)
SMH.01	45.050	43.625	1.425
SMH.02	44.530	43.300	1.230
SMH.03	45.050	43.050	2.000
SMH.04	45.200	43.595	1.605
SMH.05	45.150	43.668	1.482
SMH.06	46.100	44.200	1.900
SMH.07	46.180	44.570	1.610
SMH.08	46.220	44.770	1.450
SMH.09	45.150	43.927	1.223
SMH.10	45.200	44.075	1.125
SMH.11	45.050	42.025	3.025
SMH.12	45.050	42.000	3.050

Storm Pipe Schedule

US/MH Name	Pipe Length (m)	Fall (m)	Slope (1:X)	US/IL (m)	DS/IL (m)	Pipe DIA (mm)
SMH.07	14.475	0.370	39.1	44.570	44.200	225
SMH.08	22.350	0.570	39.2	44.770	44.200	225
SMH.06	15.145	0.150	101.0	44.200	44.050	225
SMH.10	24.720	0.148	167.0	44.075	43.927	225
SMH.09	43.285	0.259	167.1	43.927	43.668	225
SMH.05	12.165	0.073	166.6	43.668	43.595	225
SMH.04	17.085	0.102	167.0	43.595	43.493	225
SMH.01	26.645	0.325	82.0	43.625	43.300	225
SMH.02	24.065	0.250	96.3	43.300	43.050	225
SMH.03	3.000	0.015	200.0	43.050	43.035	300
SMH.11	5.000	0.025	200.0	42.025	42.000	300
SMH.12	14.150	0.057	250.0	42.000	41.943	225

Drawing 6296-5020 To Be Read In
Conjunction with Drawing 6296-0020