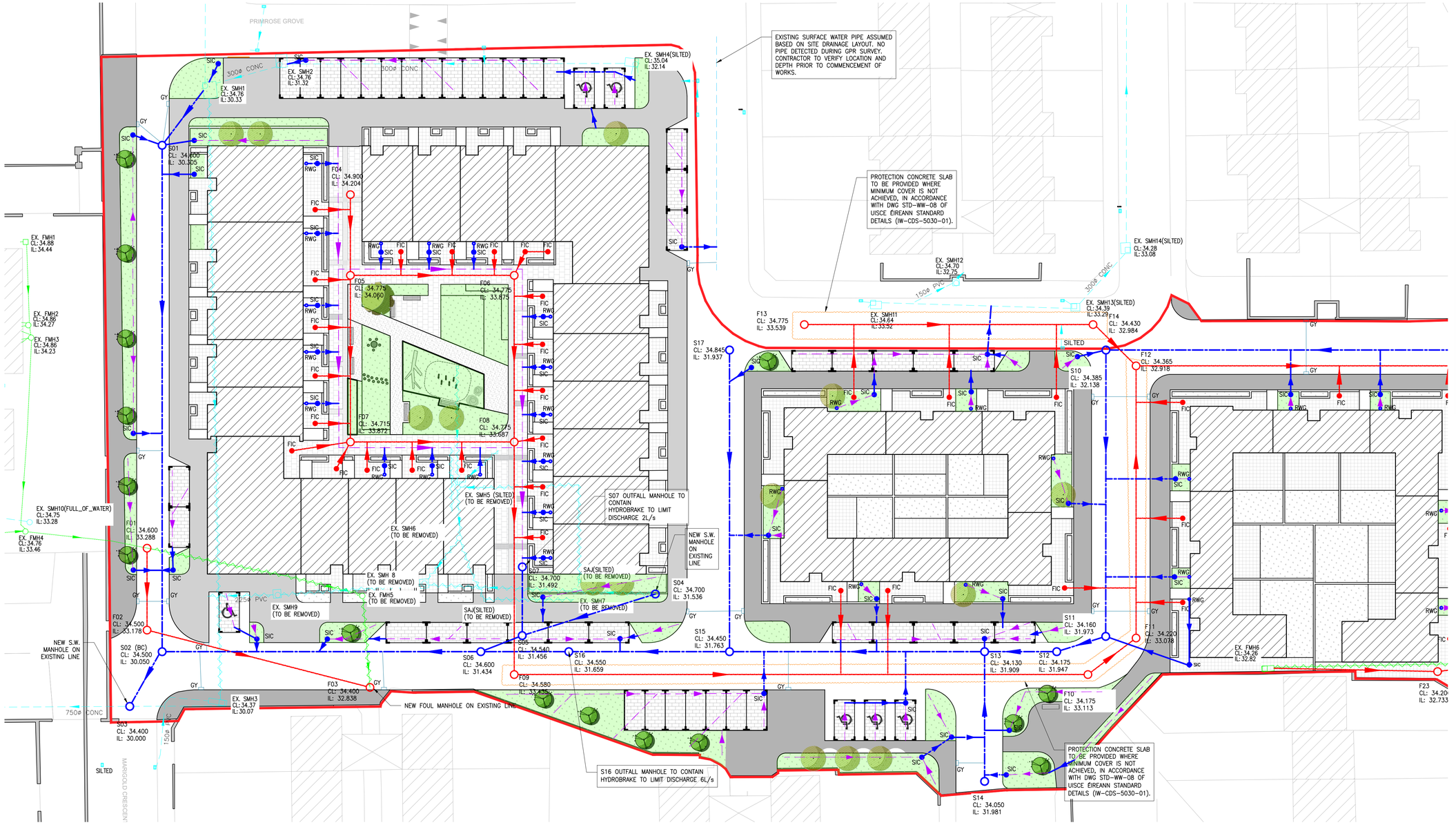

NOTES

GENERAL

1.) THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT HAYES HIGGINS ENGINEERING DRAWINGS AND SPECIFICATIONS.

2.) DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.

3.) ALL WASTEWATER INFRASTRUCTURE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH IRISH WATERS REQUIREMENTS & THEIR STANDARD DETAILS JULY 2020 (REVISION 4); IW-CDS-5030-01.

DRAINAGE LEGEND

- EXISTING SURFACE WATER SEWER
- EXISTING FOUL SEWER
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL SEWER
- PROPOSED PERFORATED PIPE – PERMEABLE PAVING/RAIN GARDENS & TREE PITS
- EXISTING FOUL SEWER TO BE REMOVED
- EXISTING SURFACE SEWER TO BE REMOVED
- EX.SMH — EXISTING SURFACE WATER MANHOLE
- EX.FMH — EXISTING FOUL WATER MANHOLE
- SO2 — PROPOSED SURFACE WATER MANHOLE
- FO2 — PROPOSED FOUL MANHOLE
- GY — PROPOSED SURFACE WATER GULLY
- SIC — PROPOSED SURFACE INSPECTION CHAMBER
- FIC — PROPOSED FOUL INSPECTION CHAMBER
- SAJ — PROPOSED SURFACE WATER ACCESS JUNCTION
- FAJ — PROPOSED FOUL ACCESS JUNCTION
- RAIN GARDENS/TREE PITS/BIO-RETENTION (SUDS)
- PERMEABLE PAVING AREA (SUDS)

SURFACE WATER DRAINAGE INFRASTRUCTURE WITHIN AREAS TO BE TAKEN IN CHARGE SHALL COMPLY WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS (VERSION 6.0) AND THE REQUIREMENTS OF THE LOCAL AUTHORITY. SURFACE WATER PIPES SHALL BE CONCRETE OR VITRIFIED CLAY. MANHOLES, INSPECTION CHAMBERS, AND GULLIES SHALL BE BLOCKWORK OR CAST IN SITU CONCRETE. SURFACE WATER PIPES WITHIN PRIVATE AREAS SHALL BE UPVC.

STORM WATER DRAINAGE TABLE

MANHOLE		COVER LEVEL EX.	COVER LEVEL PROPOSED	INVERT LEVEL	MH – MH	PIPE DIA.	MIN. PIPE GRADIENT	MH COVER SIZE	LOADING
EX. SMH1	EX	34.760	34.760	30.330	EX. SMH1 – S01	750mm	1:300	ø600	D400
S01	NEW	–	34.600	30.305	S01–S02	750mm	1:300	ø600	D400
S02(BC)	NEW	–	34.500	INLET 30.108 OUTLET 30.050	S02–S05	750mm	1:330	ø600	D400
S03	NEW	–	34.400	30.000	–	750mm	–	ø600	D400
S04	NEW	–	34.700	31.536	S04–S05	300mm	1:200	ø600	D400
S05	NEW	–	34.540	31.456	S05–S06	300mm	1:200	ø600	D400
S06	NEW	–	34.600	31.434	S06–S02	300mm	1:200	ø600	D400
S02(BC)	NEW	–	34.500	INLET 31.250 OUTLET 30.050	S02–S05	750mm	1:330	ø600	D400
S07	NEW	–	34.700	31.492	S07–S05	300mm	1:200	ø600	D400
S08	NEW	–	34.100	32.574	S08–S09	300mm	1:200	ø600	D400
S09	NEW	–	34.185	32.384	S09–S10	300mm	1:200	ø600	D400
S10	NEW	–	34.385	32.138	S10–S11	300mm	1:200	ø600	D400
S11	NEW	–	34.160	31.973	S11–S12	300mm	1:200	ø600	D400
S12	NEW	–	34.175	31.947	S12–S13	300mm	1:200	ø600	D400
S13	NEW	–	34.130	31.909	S13–S15	300mm	1:200	ø600	D400
S15	NEW	–	34.450	31.763	S15–S16	300mm	1:200	ø600	D400
S16	NEW	–	34.550	31.659	S16–S06	300mm	1:200	ø600	D400
S14	NEW	–	34.050	31.981	S14–S13	300mm	1:200	ø600	D400
S17	NEW	–	34.845	31.937	S17–S15	300mm	1:200	ø600	D400
S18	NEW	–	33.975	32.462	S18–S09	300mm	1:200	ø600	D400

FOUL WATER DRAINAGE TABLE

MANHOLE		COVER LEVEL EX.	COVER LEVEL PROPOSED	INVERT LEVEL	MH – MH	PIPE DIA.	MIN. PIPE GRADIENT	MH COVER SIZE	LOADING
EX. FMH4	EX	34.760	34.760	33.460	EX. FMH4 – F01	150mm	1:80	600x600	D400
F01	NEW	–	34.600	33.288	F01–F02	150mm	1:80	600x600	D400
F02	NEW	–	34.500	33.178	F02–F03	150mm	1:80	600x600	D400
F03	NEW	–	34.400	32.838	–	150mm	–	600x600	D400
F04	NEW	–	34.900	34.204	F04–F05	150mm	1:60	600x600	D400
F05	NEW	–	34.775	34.060	F05–F06 F05–F07	150mm 150mm	1:100 1:100	600x600	D400
F06	NEW	–	34.775	33.875	F06–F08	150mm	1:100	600x600	D400
F07	NEW	–	34.715	33.872	F07–F08	150mm	1:100	600x600	D400
F08	NEW	–	34.775	33.687	F08–F09	150mm	1:100	600x600	D400
F09	NEW	–	34.580	33.435	F09–F10	225mm	1:200	600x600	D400
F10	NEW	–	34.175	33.113	F10–F11	225mm	1:200	600x600	D400
F11	NEW	–	34.220	33.078	F11–F12	225mm	1:200	600x600	D400
F12	NEW	–	34.365	32.918	F12–F15	225mm	1:200	600x600	D400
F13	NEW	–	34.775	33.539	F13–F14	225mm	1:60	600x600	D400
F14	NEW	–	34.430	32.984	F13–F14	225mm	1:60	600x600	D400
F15	NEW	–	34.180	32.672	F15–F17	225mm	1:200	600x600	D400
F16	NEW	–	34.160	33.256	F16–F15	225mm	1:60	600x600	D400
F17	NEW	–	33.910	32.582	F17–F18	225mm	1:200	600x600	D400
F18	NEW	–	33.380	32.246	F18–F19	225mm	1:200	600x600	D400
F19	NEW	–	33.650	32.116	F19–F20	225mm	1:200	600x600	D400
F20	NEW	–	33.270	31.806	F20–F21	225mm	1:200	600x600	D400
F21	NEW	–	33.690	31.663	F21–F22	225mm	1:200	600x600	D400
F22	NEW	–	33.650	31.616	F22–EX. FMH7	225mm	1:200	600x600	D400
EX. FMH6	EX	34.260	34.260	32.820	EX. FMH6 – F23	150mm	1:150	600x600	D400
F23	NEW	–	34.200	32.733	F23–F24	150mm	1:150	600x600	D400
F24	NEW	–	34.080	32.681	–	150mm	–	600x600	D400

REV	DATE	DESCRIPTION	DWG BY	APPR. BY
P1	14.07.26	REVISED PER PRE-PART 8 SUBMISSION COMMENTS	LS	LM
P	17.04.26	ISSUED FOR PLANNING	LS	LM

ISSUED: PLANNING

CLIENT: RESPOND SOCIAL HOUSING

PROJECT NAME: 84 HOUSES AT DARNDALE

DRAWING NAME: PROPOSED DRAINAGE LAYOUT SHEET 1 OF 2

PROJECT No.: 25D046

DRAWING No.: 06–A

REVISION: P1

SCALE: 1:250

DRAWN DATE: 19.01.26

CAD DRAWN BY	CHECKED BY	APPROVED BY
L.S.	L.M.	D.H.

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