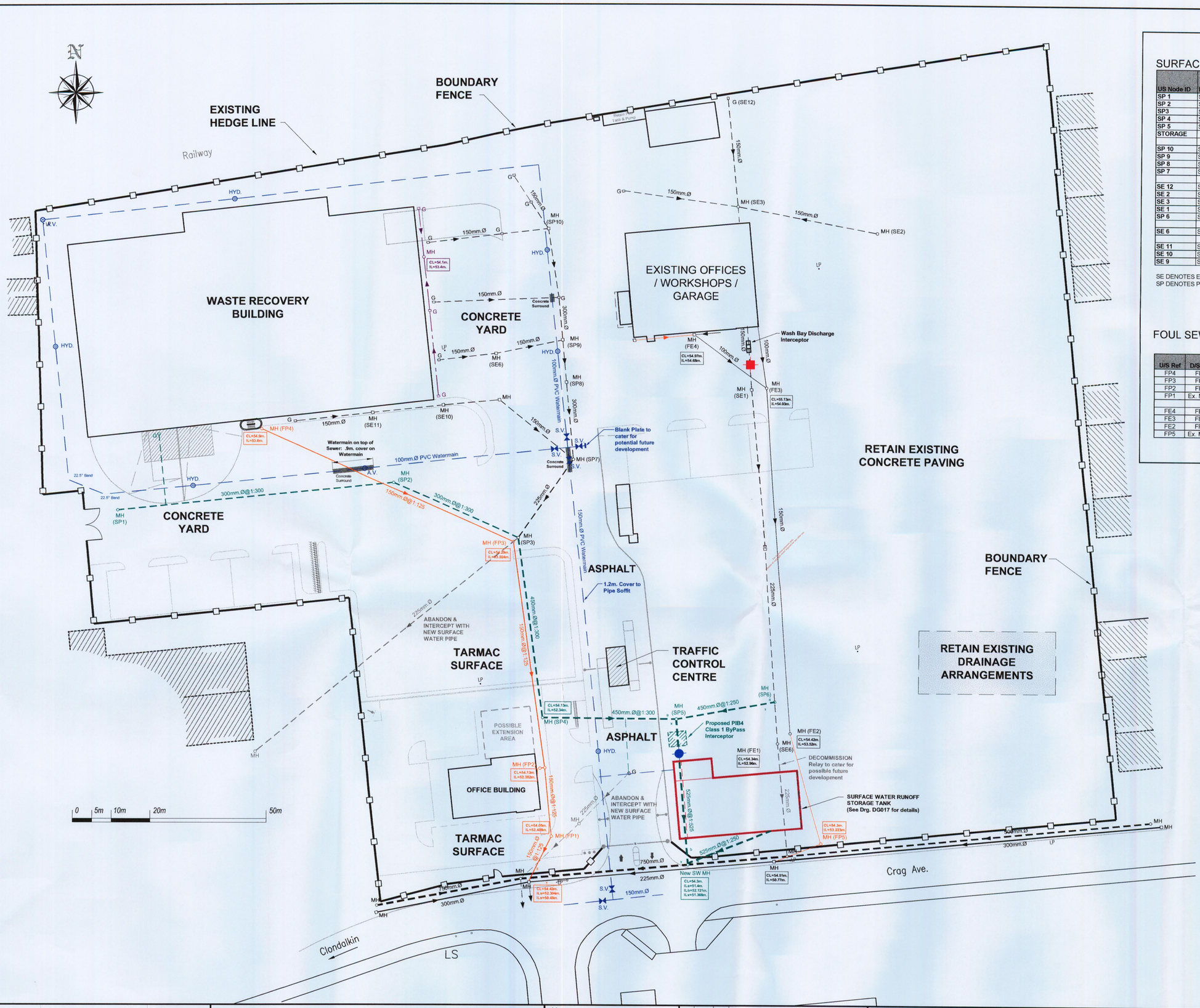

SURFACE WATER NETWORK DETAILS AND LEVELS

US Node ID	DS Node ID	US Cover Level	DS Cover Level	Length	Diameter	Gradient	Capacity (L/s)	US Invert Level	DS Invert Level
SP 1	SP 2	54.21	54.16	71.9	300	0.0032	0.055	52.91	52.68
SP 2	SP3	54.16	54.29	35.3	300	0.00334	0.057	52.68	52.562
SP3	SP 4	54.29	54.13	47	450	0.00334	0.166	52.562	52.405
SP 4	SP 5	54.13	54.1	35	450	0.00332	0.165	52.405	52.289
SP 5	STORAGE	54.1	54.1	10	525	0.00783	0.382	51.52	51.442
STORAGE	New SW MH	54.1	54.3	3	300	0.003333	0.057	51.41	51.4
SP 10	SP 9	55.08	55.1	28.6	300	0.01	0.098	54.62	54.334
SP 9	SP 8	55.1	55.18	11	300	0.01003	0.098	54.334	54.224
SP 8	SP 7	55.18	54.5	19.9	300	0.01001	0.098	54.224	54.025
SP 7	SP3	54.5	54.29	24.7	300	0.05931	0.239	54.025	52.562
SE 12	SE 3	55.18	55.25	26.5	150	0.00668	0.013	54.522	54.345
SE 2	SE 3	55.4	55.25	36.7	150	0.00665	0.013	54.589	54.345
SE 3	SE 1	55.25	55.13	47.2	225	0.00667	0.037	54.345	54.03
SE 1	SP 6	55.13	54.37	80.7	225	0.00652	0.042	54.03	53.342
SP 6	SP 5	54.37	54.1	25.5	450	0.00436	0.189	52.4	52.289
SE 6	SP 9	55.12	55.1	17.6	150	0.00666	0.013	54.451	54.334
SE 11	SE 10	55.02	55.02	18.6	150	0.00683	0.013	54.494	54.367
SE 10	SE 9	55.02	55.03	14.4	150	0.00669	0.013	54.367	54.271
SE 9	SP 7	55.03	54.5	24.6	150	0.00999	0.015	54.271	54.025

SE DENOTES EXISTING SW NETWORK
SP DENOTES PROPOSED SW NETWORK

FOUL SEWER NETWORK DETAILS AND LEVELS

U/S Ref	D/S Ref	U/S CL (m)	D/S CL (m)	U/S IL (m)	D/S IL (m)	L (m)	Diameter (mm)	Grad (1 in)	Capacity (l/s)	Velocity (m/s)
FP4	FP3	54.9	54.29	53.6	53.024	72	150	125	13.8	0.78
FP3	FP2	54.29	54.13	53.024	52.552	59	150	125	13.8	0.78
FP2	FP1	54.13	54.05	52.552	52.408	18	150	125	13.8	0.78
FP1	Ex. MH 2	54.05	54.42	52.408	52.304	13	150	125	13.8	0.78
FE4	FE3	54.97	55.13	54.68	54.03	24	100	37	8	0.96
FE3	FE2	55.13	54.42	54.03	53.52	89	150	175	10	0.6
FE2	FP5	54.42	54.3	53.52	53.225	29.5	225	100	46	1.15
FP5	Ex. MH 1	54.3	54.51	53.225	53.09	13.5	225	100	46	1.15

LEGEND

- Roof Drainage to Underground Collection Tank
- Tappings from Tank
- Proposed Foul Sewer
- Proposed Surface Water
- Proposed Watermain Note: Watermains at 1.2m. cover except where otherwise stated)
- Existing Foul Network
- Existing Surface Water
- F1 — Foul Sewer Discharge Point
- SW1 — Surface Water Discharge Point

Client.

GREYHOUND Recycling & Recovery
Others talk about recycling - we just do it!

LORCAN GREENE & ASSOCIATES ARCHITECTS

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Notes
1 This drawing is the property of RPS-MCOS Ltd. It is a confidential document and must not be copied, used, or its contents divulged without prior written consent.
2 All levels are referred to Ordnance Survey Datum, Malin Head.
3 DO NOT SCALE, use figured dimensions only, if in doubt ask.

No.	Date	By	Amendments
A02	Apr04	RH	ISSUED FOR APPROVAL - EPA
A01	Jan04	RH	ISSUED FOR APPROVAL

Job.
SUSTAINABLE RESOURCE RECOVERY FACILITY

Title.
SERVICES PROPOSED DETAILS

Issue Details		Office Use Only	
Drawn.	RH	File Ref.	mde0163dg0015A02.dwg
Checked.	WP	Job No.	mde0163
Approved.	CB	Drawing No.	DG0015
Scale.	1:500	Rev.	A02
Date.	Oct'03		