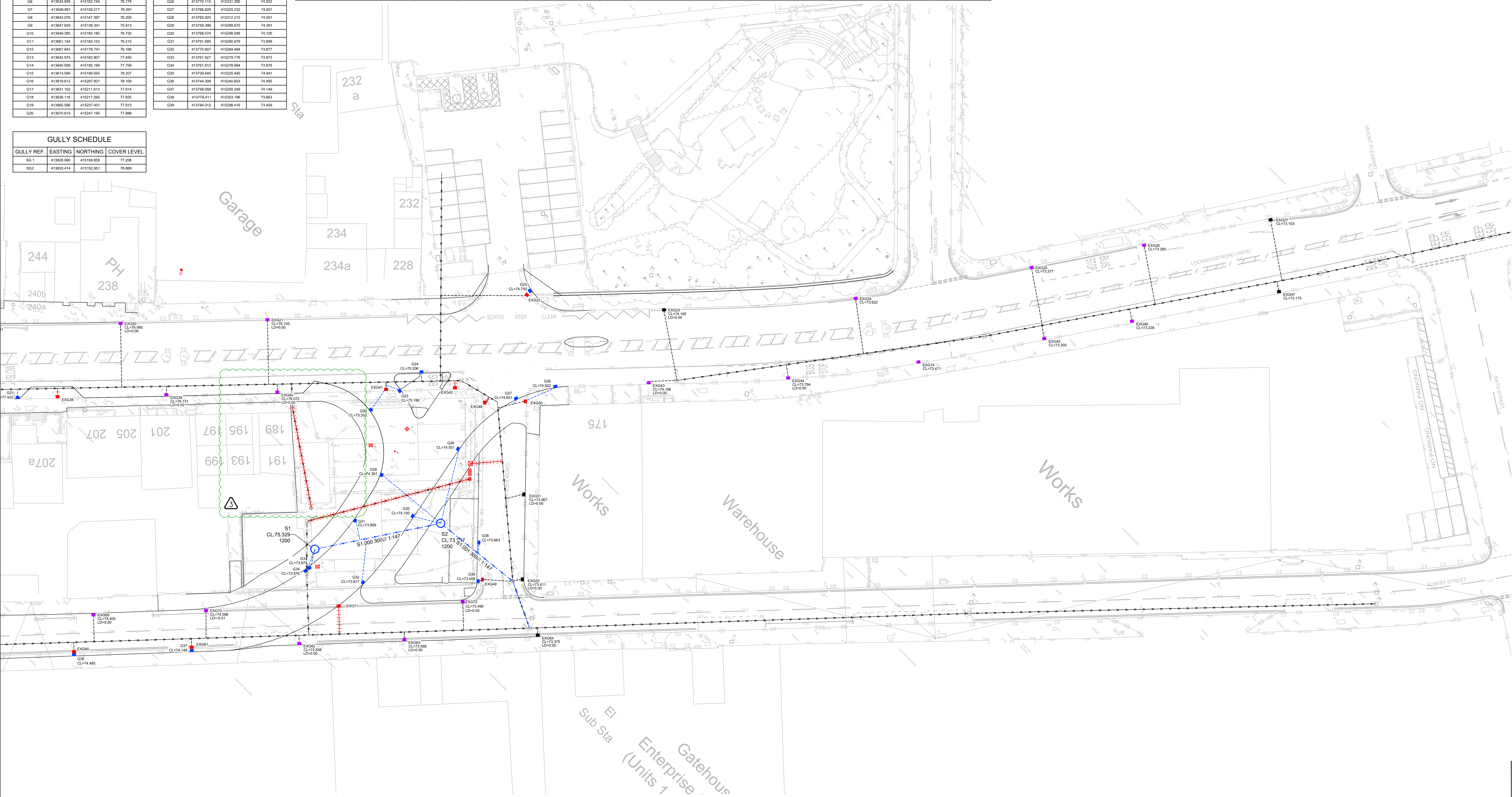


GULLY SCHEDULE			
GULLY REF.	EASTING	NORTHING	COVER LEVEL
G1	413022.561	415179.862	77.735
G2	413025.517	415183.504	77.739
G3	413033.444	415184.734	77.730
G4	413026.861	415170.000	77.260
G5	413031.004	415187.503	77.010
G6	413034.809	415182.743	76.776
G7	413036.851	415159.217	76.591
G8	413042.076	415147.397	76.200
G9	413047.829	415136.341	75.913
G10	413049.395	415165.180	76.725
G11	413061.154	415165.153	76.215
G12	413067.843	415176.741	76.166
G13	413040.279	415162.807	77.460
G14	413040.056	415156.109	77.709
G15	413013.590	415199.555	76.207
G16	413019.612	415207.821	76.109
G17	413031.102	415211.613	77.914
G18	413038.116	415217.265	77.825
G19	413050.056	415237.401	77.913
G20	413070.615	415247.195	77.888

GULLY SCHEDULE			
GULLY REF.	EASTING	NORTHING	COVER LEVEL
SG1	413028.990	415158.899	77.208
SG2	413033.414	415162.901	76.869

SURFACE WATER MANHOLE SCHEDULE														
MANHOLE REF.	EASTING (m)	NORTHING (m)	COVER LEVEL (m)		OUTLET PIPE REF.	OUTLET PIPE IL (m)	OUTLET PIPE DIA. (mm)	OUTLET PIPE LENGTH (m)	INLET PIPE REF.	INLET PIPE IL (m)	INLET PIPE DIA. (mm)	INLET PIPE LENGTH (m)	CHAMBER SIZE (mm)	COMMENTS
S1	413760.536	415282.682	74.013		S1.000	72.500	300	22.0					1200	DMRB Type 3 Chamber. Load Class D400
S2	413772.635	415301.053	73.937		S1.001	72.350	300	15.8	S1.000	72.350	300	22.0	1200	DMRB Type 3 Chamber. Load Class D400
S3 EX YW SEWER	413788.391	415302.758	73.460		S1.002 (EX YW sewer)	69.960	375	8.5	S1.001	72.242	300	15.8	1500	Existing Yorkshire Water Manhole



- General notes**
- Do not scale from this drawing.
 - All dimensions are in millimetres unless noted otherwise.
 - All levels are in metres and are relative to ordnance datum (A.O.D.).
 - This drawing should be read in conjunction with all other relevant architectural and engineering details, drawings and specifications.
 - All pipes shall be laid with soffits level unless noted otherwise. Pipe gradients shown are approximate.
 - The cover levels shown are approximate and shall suit the exact finished level as required on site.
 - All works shall be carried out in accordance with dmrb, BS EN 752 & Sewers for Adoption.
 - Details and positions of all existing services to be confirmed prior to the commencement of works on site.
 - Positions of existing sewers and existing gully outlet drains are indicative and are to be confirmed on site via a CCTV survey prior to undertaking the works. Any discrepancies to be highlighted to the engineer prior to undertaking the works.
 - Class 2 bedding (concrete bed and surround) to be provided for all pipes with less than 1200mm cover under roads / hardstanding areas or 600mm in chippings / footways. Otherwise Class S bedding to be provided.
 - All combined drainage and kerb block in accordance with Kireless standard details HS(SD)US series. All combined drainage and kerb blocks to have minimum base 295 unless noted otherwise.
 - Gravily pipework

- Proposed Drainage**
- Surface water drain & manhole / inspection chamber
 - Gully outlet drain (150mm dia.)
 - Road Gully
Design Group 1 - 450x450 grating. Load Class D400. See HD(SD)05/20A.
 - Gully
Design Group 2 - 225mm gully. Load Class C250. See HD(SD)05/21A.
 - Manhole
 - Rodding eye
 - Cover level
 - Invert level
 - Level difference (between proposed and existing surface levels).

- Existing Drainage**
- Existing combined sewer and manhole / inspection chamber
 - Existing surface water drain and manhole / inspection chamber
 - Existing surface water drain and manhole / inspection chamber to be removed or capped and backfilled with concrete.
 - Existing gully outlet drain to remain
 - Existing gully outlet drain to be removed / capped and concrete backfilled
 - Existing road gully to remain
 - Existing gully pot to be removed or capped and backfilled with concrete. Gully grating to be stored for re-use if suitable and undamaged during excavation.
 - Gully pot to be replaced (see gully survey)

EXISTING GULLY SCHEDULE				
GULLY REF.	EASTING	NORTHING	COVER LEVEL	COMMENTS
EXG1	413707.023	415161.377	76.832	Gully to remain
EXG2	413616.095	415169.961	77.896	Gully to remain
EXG3	413626.859	415169.962	77.237	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG4	413631.102	415166.761	76.895	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG5	413633.766	415162.214	76.774	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG6	413637.317	415155.617	76.499	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG7	413651.830	415128.834	75.739	Gully to remain
EXG8	413607.611	415175.969	76.358	Gully to remain
EXG9	413616.325	415159.353	76.080	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG10	413613.790	415198.702	76.177	Gully grating to be stored for re-use if suitable. New gully pot required (see drainage survey)
EXG11	413596.875	415211.862	76.794	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG12	413624.470	415179.658	77.690	New gully pot required (see drainage survey)
EXG13	413602.032	415217.245	76.788	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG14	413623.099	415206.111	76.066	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG15	413621.577	415211.024	77.617	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG16	413638.388	415216.927	77.827	Gully to remain
EXG17	413624.700	415227.700	77.886	Gully to remain
EXG18	413679.306	415255.912	77.797	Gully to remain
EXG19	413692.866	415269.625	77.581	New gully pot required (see drainage survey)

EXISTING GULLY SCHEDULE				
GULLY REF.	EASTING	NORTHING	COVER LEVEL	COMMENTS
EXG20	413709.487	415286.961	76.890	New gully pot required (see drainage survey)
EXG21	413726.829	415304.896	76.105	Gully to remain
EXG22	413755.437	415339.398	74.717	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG23	413773.863	415356.162	74.165	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG24	413765.445	415378.676	73.623	New gully pot required (see drainage survey)
EXG25	413612.963	415403.895	73.377	New gully pot required (see drainage survey)
EXG26	413623.923	415401.029	73.260	New gully pot required (see drainage survey)
EXG27	413636.159	415438.417	73.103	Gully to remain
EXG28	413653.706	415156.920	76.232	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG29	413651.111	415162.518	76.574	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG30	413642.357	415189.469	77.529	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG31	413640.965	415196.812	77.723	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG32	413645.055	415205.478	77.832	New gully pot required (see drainage survey)
EXG33	413653.883	415213.545	77.812	Gully to remain
EXG34	413691.234	415220.198	77.934	Gully to remain
EXG35	413670.026	415228.527	77.936	Gully to remain
EXG36	413679.628	415238.109	77.912	Gully to remain
EXG37	413692.241	415250.459	77.752	Gully to remain
EXG38	413711.080	415269.843	77.264	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled

EXISTING GULLY SCHEDULE				
GULLY REF.	EASTING	NORTHING	COVER LEVEL	COMMENTS
EXG39	413723.994	415283.240	76.731	New gully pot required (see drainage survey)
EXG40	413737.121	415296.991	76.072	New gully pot required (see drainage survey)
EXG41	413748.968	415310.596	75.362	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG42	413758.110	415319.033	74.934	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG43	413780.850	415343.117	74.196	New gully pot required (see drainage survey)
EXG44	413797.264	415360.585	73.794	New gully pot required (see drainage survey)
EXG45	413823.514	415396.374	73.305	New gully pot required (see drainage survey)
EXG46	413832.020	415409.089	73.228	New gully pot required (see drainage survey)
EXG47	413845.246	415430.463	73.175	Gully to remain
EXG48	413763.174	415320.837	74.596	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG49	413784.329	415299.132	73.496	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG50	413768.271	415328.228	74.474	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG51	413779.369	415314.777	73.967	Gully to remain
EXG52	413789.459	415304.319	73.411	Gully to remain
EXG53	413659.816	415141.130	75.034	Gully to remain
EXG54	413658.322	415148.477	75.843	Gully to remain
EXG55	413679.145	415171.120	76.203	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG56	413680.746	415186.916	75.855	New gully pot required (see drainage survey)
EXG57	413698.818	415200.732	75.526	New gully pot required (see drainage survey)

EXISTING GULLY SCHEDULE				
GULLY REF.	EASTING	NORTHING	COVER LEVEL	COMMENTS
EXG58	413715.907	415213.780	75.142	Gully to remain
EXG59	413729.548	415225.537	74.833	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG60	413743.943	415240.967	74.499	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG61	413757.654	415255.742	74.130	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG62	413770.244	415269.327	73.838	New gully pot required (see drainage survey)
EXG63	413782.498	415282.393	73.568	New gully pot required (see drainage survey)
EXG64	413788.096	415298.108	73.375	Gully to remain
EXG65	413677.201	415193.301	75.969	New gully pot required (see drainage survey)
EXG66	413668.028	415206.916	75.472	New gully pot required (see drainage survey)
EXG67	413710.187	415216.677	75.159	New gully pot required (see drainage survey)
EXG68	413726.992	415233.101	74.776	New gully pot required (see drainage survey)
EXG69	413741.602	415246.084	74.405	New gully pot required (see drainage survey)
EXG70	413754.619	415262.238	74.098	New gully pot required (see drainage survey)
EXG71	413770.114	415278.840	73.787	Gully grating to be stored for re-use if suitable. Gully pot to be removed or capped and concrete backfilled
EXG72	413784.611	415294.388	73.490	New gully pot required (see drainage survey)
EXG73	413629.135	415212.907	77.961	Gully grating to be replaced with new if unable to lift.
EXG74	413811.112	415278.296	73.471	New gully pot required (see drainage survey)
EXG75	413675.103	415116.411	75.500	New gully pot required (see drainage survey)
EXG76	413681.046	415110.222	75.506	New gully pot required (see drainage survey)

- HOLD POINTS**
- RESIDUAL CDM RISKS TO BE ADDED TO DRAWING FOLLOWING DISCUSSION WITH PE.
 - PROPOSED SURFACE WATER DRAINAGE AND SCHEDULE TO BE CONFIRMED WITH HYDRAULIC MODELLING.
 - PERMEABLE DRAINAGE / RAINGARDENS TO BE CONFIRMED THROUGH INTRUSIVE SITE INVESTIGATION / SOAKAWAY TESTING.

Reference Drawings

- HD/25/64313/AW-01
 - HD/25/64313/KF-01
 - HD/25/64313/CS-01 to 08
 - HD/25/64313/DR-01 to 02
 - HD/25/64313/GA-01 to 02
 - HD/25/64313/GC-01
 - HD/25/64313/H&SP-01 to 02
 - HD/25/64313/RS-01 to 02
 - HD/25/64313/SC-01
 - HD/25/64313/SU-1
 - HD/25/64313/TS-01
- Accommodation Works
Kerbline and Fencing
Long & Cross Section Plan Sheets 1 to 8
Drainage Layout Sheets 1 to 2
General Arrangement Sheets 1 to 2
Sign and Road Markings Sheets 1 to 2
Health & Safety Pre-Construction Information
Site Clearance
Combined Stats
Typical Sections

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