

DO NOT SCALE FROM DRAWING

NOTES:-

1. ALL MEASUREMENTS ARE IN METRES UNLESS INDICATED OTHERWISE.
2. DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION.
3. FOR CONSTRUCTION DETAILS REFER STANDARD DETAILS DRAWINGS.

Manhole Schedule Surface Water Network		
Manhole Ref	Manhole Details	Centre Coordinates
SMH-01	COVER = 53.168 SUMP = 52.118 S 1.000 INV OUT = 52.118	Easting: - 338300.98 Northing: -349784.90
SMH-02	COVER = 53.136 SUMP = 51.818 S 1.000 INV IN = 51.818 S 1.001 INV OUT = 51.818	Easting: - 338288.71 Northing: -349812.29
SMH-03	COVER = 52.990 SUMP = 51.456 S 1.001 INV IN = 51.456 S 1.002 INV OUT = 51.456	Easting: - 338270.31 Northing: -349843.47
SMH-04	COVER = 52.336 SUMP = 51.150 S 1.002 INV IN = 51.150 S 1.003 INV OUT = 51.150	Easting: - 338244.85 Northing: -349826.56
SMH-05	COVER = 51.140 SUMP = 48.984 S 1.003 INV IN = 48.984 S 1.004 INV OUT = 48.984	Easting: - 338211.16 Northing: -349799.25
SMH-06 HYDROBRAKE Limited to 5.4 l/s HEAD ?m	COVER = 50.233 SUMP = 48.500 S 1.004 INV IN = 48.750 S 1.004 INV IN = 48.750 S 2.004 INV IN = 48.500 S 1.005 INV OUT = 48.500	Easting: - 338174.34 Northing: -349770.40
SMH-07	COVER = 53.275 SUMP = 52.140 S 2.000 INV OUT = 52.140	Easting: - 338313.35 Northing: -349755.65
SMH-08	COVER = 51.500 SUMP = 50.050 S 2.000 INV IN = 50.050 S 3.001 INV IN = 50.050 S 2.001 INV OUT = 50.050	Easting: - 338246.15 Northing: -349710.07
SMH-09	COVER = 50.393 SUMP = 49.000 S 2.001 INV IN = 49.000 S 2.002 INV OUT = 49.000	Easting: - 338217.54 Northing: -349689.95
Headwall 1 Headwall 2 Headwall 3	Inv. 48.965 Inv. 48.850 Inv. 48.700	Refer Plan Refer Plan Refer Plan
SMH-11	COVER = 52.131 SUMP = 51.231 S 4.000 INV OUT = 51.231	Easting: - 338254.36 Northing: -349797.87
SMH-12	COVER = 50.863 SUMP = 49.813 S 4.000 INV IN = 49.813 S 5.000 INV IN = 49.813 S 4.001 INV OUT = 49.813	Easting: - 338206.79 Northing: -349765.08
SMH-13 sump	COVER = 51.284 SUMP = 49.000 S 4.001 INV IN = 49.300 S 6.000 INV IN = 50.050 S 4.002 INV OUT = 49.300	Easting: - 338229.46 Northing: -349729.94
SMH-14	COVER = 51.203 SUMP = 49.100 S 4.002 INV IN = 49.100 S 4.003 INV OUT = 49.100	Easting: - 338212.08 Northing: -349718.50
SMH-15	COVER = 50.677 SUMP = 49.927 S 5.000 INV OUT = 49.927	Easting: - 338197.80 Northing: -349779.43
SMH-16	COVER = 52.361 SUMP = 51.200 S 6.000 INV OUT = 51.200	Easting: - 338273.70 Northing: -349758.54
SMH-17	COVER = 52.183 SUMP = 51.035 S 3.000 INV OUT = 51.035	Easting: - 338265.22 Northing: -349761.63
SMH-18	COVER = 51.371 SUMP = 50.335 S 3.000 INV IN = 50.335 S 3.001 INV OUT = 50.335	Easting: - 338231.81 Northing: -349739.31
SMH-19	COVER = 50.188 SUMP = 48.600 S 2.003 INV IN = 48.600 S 2.004 INV OUT = 48.600	Easting: - 338169.61 Northing: -349766.70
SW OF-01	COVER = 50.200 SUMP = 47.800 S 1.005 INV IN = 47.800	Easting: - 338161.01 Northing: -349788.87

Pipe Schedule Surface Water Network			
Pipe Ref	Dia. (mm)	Length (m)	Slope
S 1.000	150	30.015	1:100
S 1.001	225	36.202	1:100
S 1.002	225	30.559	1:100
S 1.003	225	43.371	1:20
S 1.004	750	46.779	1:200
S 1.005	300	22.780	1:33
S 2.000	150	81.196	1:39
S 2.001	150	34.982	1:33
S 2.002	150 to ditch	4.5	1:138
S 2.003	150 from ditch	7.5	1:315
S 2.004	150	6.004	1:60
S 3.000	150	40.183	1:57
S 3.001	150	32.566	1:114
S 4.000	225	57.775	1:41
S 4.001	225	41.812	1:82
S 4.002	300	20.809	1:104
S 4.003	300 to ditch	8.36	1:33
S 5.000	150	16.931	1:149
S 6.000	225	52.676	1:46

Manhole Schedule Foul Network		
Manhole Ref	Manhole Details	Centre Coordinates
FMH-001	COVER = 52.916 SUMP = 51.590 F 1.000 INV OUT = 51.590	Easting: - 338274.38 Northing: -349833.75
FMH-002	COVER = 52.889 SUMP = 51.420 F 1.000 INV IN = 51.420 F 1.001 INV OUT = 51.420	Easting: - 338269.12 Northing: -349840.97
FMH-003	COVER = 52.621 SUMP = 50.980 F 1.001 INV IN = 50.980 F 1.002 INV OUT = 50.980	Easting: - 338247.60 Northing: -349826.40
FMH-004	COVER = 52.070 SUMP = 50.750 F 1.002 INV IN = 50.750 F 1.003 INV OUT = 50.750	Easting: - 338235.77 Northing: -349815.62
FMH-005	COVER = 51.523 SUMP = 50.140 F 1.003 INV IN = 50.140 F 1.004 INV OUT = 50.140	Easting: - 338214.69 Northing: -349800.33
FMH-006 167	COVER = 50.716 SUMP = 49.040 F 1.004 INV IN = 49.040 F 1.005 INV OUT = 49.040	Easting: - 338174.94 Northing: -349767.71
FMH-007 135	COVER = 50.156 SUMP = 48.800 F 1.005 INV IN = 48.800 F 1.006 INV OUT = 48.821	Easting: - 338180.82 Northing: -349757.92
FMH-008 174	COVER = 50.317 SUMP = 48.573 F 1.006 INV IN = 48.573 F 1.007 INV OUT = 48.573	Easting: - 338190.80 Northing: -349741.90
FMH-009 215	COVER = 50.466 SUMP = 48.318 F 1.007 INV IN = 48.268 F 1.008 INV OUT = 48.268	Easting: - 338202.06 Northing: -349724.83
FMH-010	COVER = 53.038 SUMP = 52.084 F 2.000 INV OUT = 52.084	Easting: - 338288.71 Northing: -349809.65
FMH-011	COVER = 53.045 SUMP = 51.668 F 2.000 INV IN = 51.668 F 2.001 INV OUT = 51.668	Easting: - 338298.08 Northing: -349786.54
FMH-012	COVER = 53.055 SUMP = 51.408 F 2.001 INV IN = 51.408 F 2.002 INV OUT = 51.408	Easting: - 338305.91 Northing: -349768.74
FMH-013	COVER = 53.116 SUMP = 51.247 F 2.002 INV IN = 51.247 F 2.003 INV OUT = 51.247	Easting: - 338311.48 Northing: -349757.15
FMH-014 232	COVER = 51.781 SUMP = 49.760 F 2.003 INV IN = 49.760 F 3.002 INV IN = 49.760 F 2.004 INV OUT = 49.760	Easting: - 338252.36 Northing: -349715.60
FMH-015 19	COVER = 51.216 SUMP = 49.330 F 2.004 INV IN = 49.330 F 2.005 INV OUT = 49.330	Easting: - 338224.02 Northing: -349696.03
FMH-016	COVER = 51.775 SUMP = 50.775 F 3.000 INV OUT = 50.775	Easting: - 338246.87 Northing: -349766.17
FMH-018	COVER = 51.514 SUMP = 50.249 F 3.001 INV IN = 50.249 F 3.002 INV OUT = 50.249	Easting: - 338238.68 Northing: -349739.31
FS OF-01	COVER = 51.136 SUMP = 47.840 F 2.005 INV IN = 49.291 F 1.008 INV IN = 47.840 F 1.009 INV OUT = 47.840	Easting: - 338220.92 Northing: -349696.23
FS OF-02	COVER = 49.692 SUMP = 46.975 F 1.009 INV IN = 46.975	Easting: - 338213.00 Northing: -349674.41

Pipe Schedule Foul Network			
Pipe Ref	Dia. (mm)	Length (m)	Slope
F 1.000	100	8.924	1:52
F 1.001	100	25.989	1:59
F 1.002	100	16.001	1:70
F 1.003	100	26.046	1:43
F 1.004	100	51.420	1:47
F 1.005	100	11.419	1:48
F 1.006	100	18.865	1:76
F 1.007	100	20.456	1:67
F 1.008	100	34.253	1:80
F 1.009	100	23.210	1:27
F 2.000	100	24.934	1:60
F 2.001	100	19.443	1:75
F 2.002	100	12.860	1:80
F 2.003	100	72.263	1:49
F 2.004	100	34.435	1:80
F 2.005	100	3.113	1:80
F 3.000	100	18.110	1:60
F 3.001	100	17.920	1:80
F 3.002	100	27.368	1:56

P3	11/09/PA	NETWORK UPDATED
P2	14/12/KB	OUTFALL POSITION
REV.	DATE	BY

ERLAS
DEVELOPMENTS

The BRIDGE
BUSINESS CENTRE

PROPOSED DRAINAGE
MANHOLE AND PIPE
SCHEDULES

REDES
INFRASTRUCTURE DESIGN

FOR INFORMATION

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Scale 1:250 @ A1 Date 08-11-07

Drawn	Checked	Appr'd
SJ	KB	
Project no.	Drawing no.	Issue
ERL_001	DR_007	P3