



UNITS 1-3 Drainage Layout Plan 1:250

UNITS 1-3 SURFACE WATER MANHOLES / INSPECTION CHAMBERS							
MH REF.	CL	IL	DEPTH	DIA	OPENING	COVER	EASTING
SP1.14	64.980	63.325	1625	1200	600x600	B125	.
SP1.15	64.900	63.625	1375	1200	600x600	D400	.
SP1.16	64.990	63.815	1135	1200	600x600	B125	.
SP1.17	64.900	63.445	1455	1350	600x600	C250	.
SP1.18	64.900	63.840	1060	1200	600x600	C250	.
SP1.19	64.900	63.515	1900	1800	600x600	B125	.
SP1.20	64.825	63.800	1025	1200	600x600	B125	.
IC.1	64.625	63.530	1095	450	440x440	D400	.
IC.2	64.625	63.530	1095	450	440x440	D400	.
IC.3	64.625	63.530	1095	450	440x440	D400	.
IC.4	64.625	63.530	1095	450	440x440	D400	.

UNIT 1-3 FOUL WATER MANHOLES							
MH REF.	CL	IL	DEPTH	DIA	OPENING	COVER	EASTING
FP1.9	64.650	62.820	1830	1050	600x600	D400	.
FP1.10	64.650	63.235	1415	1050	600x600	D400	.
FP1.11	64.650	63.380	1290	1050	600x600	D400	.
FP1.12	64.900	63.580	1320	1050	600x600	D400	.
FP1.13	64.850	63.920	930	450	440x440	D400	.
FP1.14	64.850	63.950	900	450	440x440	D400	.
FP1.15	64.900	64.200	700	450	440x440	D400	.
FP1.16	64.850	63.700	1150	1050	600x600	D400	.
FP1.17	64.850	63.520	1330	1050	600x600	D400	.
FP1.18	64.900	63.105	1795	1050	600x600	D400	.
FP1.19	64.875	63.400	1475	1050	600x600	D400	.
FP1.20	64.875	63.620	1255	1050	600x600	D400	.
FP1.21	64.875	63.750	1125	450	440x440	D400	.
FP1.22	64.900	64.200	700	450	440x440	D400	.

NOTES

- DRAINAGE**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEERS DRAWINGS & SPECIFICATIONS.
 - DRAINS TO BE HEPPWORTH SUPERSLURRY OR MAYLOR DENSULEEVE LAID ON CLASS 1 GRANULAR BEDDING TO BS 882: TABLE 4 OR TO BS 8301: 1985 APPENDIX D.
 - ALL TRENCHES WITHIN TRAFFICKED AREAS TO BE BACKFILLED WITH 75MM DOWNGRADED STONE FILL, PLACED & COMPACTED IN LAYERS OF 150MM. ALL PIPES IN ROADWAYS / PARKING, LESS THAN 900MM DEEP TO BE ENCASED IN CONCRETE. PROVIDE FLEXIBLE JOINTS AT 3000MM CENTRES.
 - MANHOLES TO BE CONSTRUCTED OF PRECAST CONCRETE RINGS TO BS 5911-PART 1. RINGS TO BE BEDDED IN SEALANT STRIPS.
 - MANHOLES BENEATH ROADS & PARKING AREAS TO BE CASSED IN 150MM CONCRETE SURROUND.
 - ALL CONNECTIONS TO RAIN WATER PIPES TO BE PROVIDED WITH RODDING ACCESS.
 - ROAD GULLIES TO BE HEPPWORTH ROAD GULLIES REF: 213 WITH 150MM DIAMETER OUTLET OR SIMILAR APPROVED. GULLIES TO BE ENCASED IN 150MM MINIMUM CONCRETE.
 - DRAWINGS TO BE ISSUED TO NRA & LOCAL AUTHORITY WELL IN ADVANCE OF COMMENCEMENT OF DRAINAGE LEVELS CONFIRMED PRIOR TO DRAINAGE
 - EXISTING MANHOLES IN ROADS TO HAVE INVERT
 - ROADS TO BE REINSTATATED TO STANDARD REQUESTED BY LOCAL AUTHORITY WHERE DRAINAGE CROSSES

- KEY:**
- INDICATES GULLIES
 - INDICATES SURFACE WATER MANHOLES
 - INDICATES FOUL MANHOLES
 - INDICATES EXISTING MANHOLES
 - INDICATES NEW FW PIPE RUNS
 - INDICATES NEW SW PIPE RUNS
 - ALL PIPES CONNECTED DIRECTLY INTO GULLIES TO BE 150MM DIAMETER

TENDER

PRELIMINARY

Revision Schedule	
D	04.12.20 TENDER ISSUE
C	23.10.20 UPDATED TO LATEST ARCHITECTS PLAN
B	29.09.20 PHASE 1 RMA1 APPLICATION
A	28.09.20 Updated to latest site plan

Catalyst Bicester
Wendlebury Road

Althion Land Plc.

PHASE I - PACKAGE 3
UNITS 1-3 DRAINAGE PLAN

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Consulting Engineers

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Scale	1:250 @A1	S1358-PH1-11D
Date	28.07.20	
Drawn	JNG	