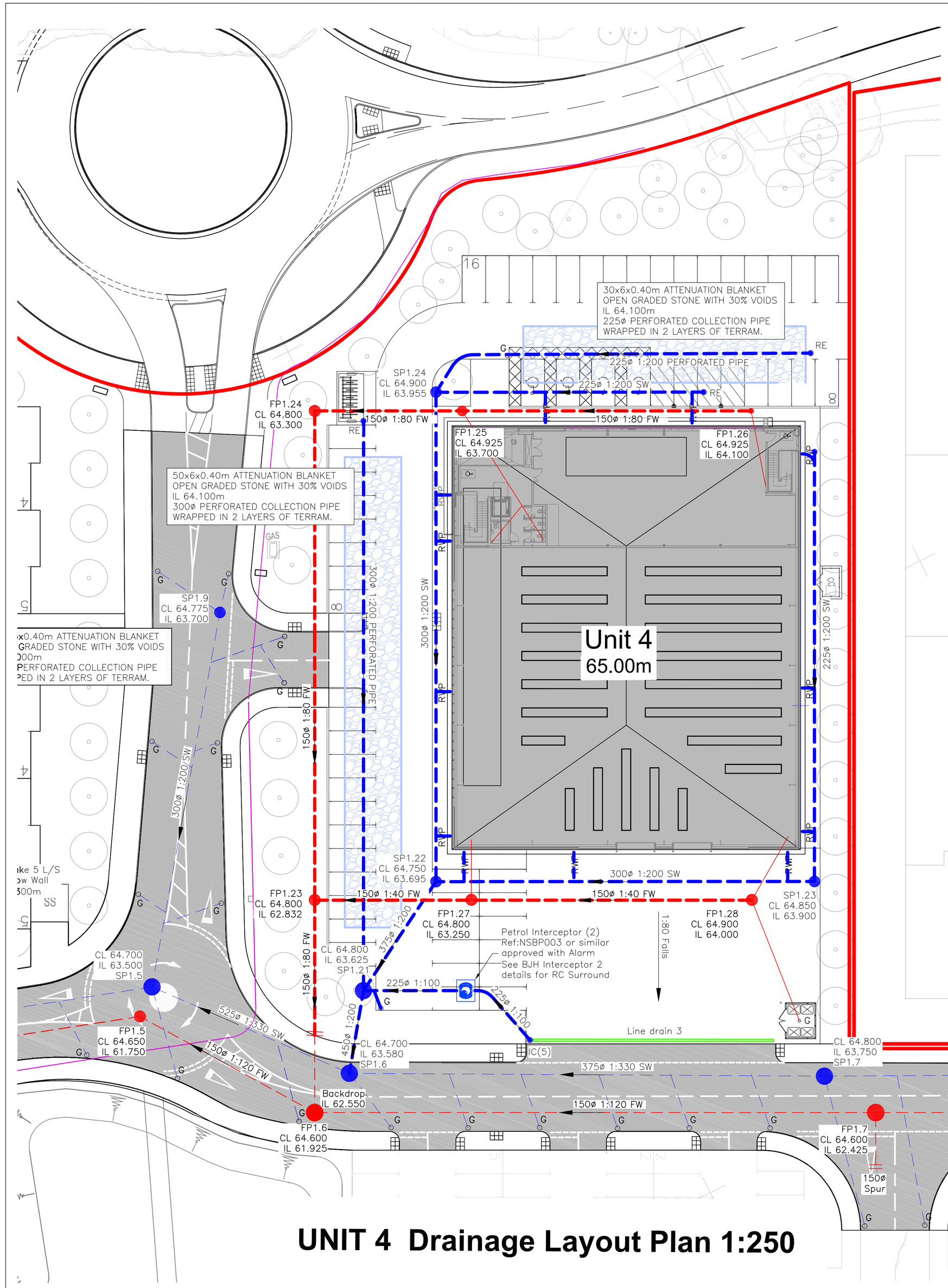

UNIT 4 Drainage Layout Plan 1:250

UNIT 4 SURFACE WATER MANHOLES / INSPECTION CHAMBERS

MH REF	CL	IL	DEPTH	DIA	OPENING	COVER	EASTING	NORTHING	COMMENTS
SP1.21	64.800	63.625	1175	1800	600x600	B125	.	.	.
SP1.22	64.750	63.695	1055	1350	600x600	D400	.	.	.
SP1.23	64.850	63.900	950	1200	600x600	D400	.	.	.
SP1.24	64.900	63.955	945	1200	600x600	D400	.	.	.
IC.5	64.675	63.580	1095	450	440x440	D400	.	.	ACO Qmax Access Chamber + slotted cover

UNIT 4 FOUL WATER MANHOLES

MH REF	CL	IL	DEPTH	DIA	OPENING	COVER	EASTING	NORTHING	COMMENTS
FP1.23	64.800	62.832	1968	1050	600x600	B125	.	.	.
FP1.24	64.900	63.300	1600	1050	600x600	C250	.	.	.
FP1.25	64.925	63.700	1225	1050	600x600	C250	.	.	.
FP1.26	64.925	64.100	825	450	440x440	C250	.	.	PPIC 150
FP1.27	64.800	63.250	1550	1050	600x600	D400	.	.	.
FP1.28	64.900	64.000	900	1050	600x600	D400	.	.	.

NOTES

DRAINAGE

1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTS & ENGINEERS DRAWINGS & SPECIFICATIONS.

2 DRAINS TO BE HEPWORTH SUPERSLEEVE OR NAYLOR DENSLEEVE: LAID ON CLASS N GRANULAR BEDDING TO BS 882: TABLE 4 OR TO BS 8301: 1985 APPENDIX D.

3 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.

4 MANHOLES TO BE CONSTRUCTED OF PRECAST CONCRETE RINGS TO BS 5911-PART 1. RINGS TO BE BEDDED IN SEALANT STRIPS.

5 MANHOLES BENEATH ROADS & PARKING AREAS TO BE CASED IN 150MM CONCRETE SURROUND.

6 ALL CONNECTIONS TO RAIN WATER PIPES TO BE PROVIDED WITH RODDING ACCESS.

7 ROAD GULLIES TO BE HEPWORTH ROAD GULLIES REF: 213 WITH 150MM DIAMETER OUTLET OR SIMILAR APPROVED. GULLIES TO BE ENCASED IN 150MM MINIMUM CONCRETE.

8 DRAWINGS TO BE ISSUED TO NRA & LOCAL AUTHORITY WELL IN ADVANCE OF COMMENCEMENT OF DRAINAGE

9 EXISTING MANHOLES IN ROADS TO HAVE INVERT LEVELS CONFIRMED PRIOR TO DRAINAGE

10 ROADS TO BE REINSTATED 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 DIRECTY INTO GULLIES TO BE 150MM DIAMETER

TENDER

PRELIMINARY

Rev	Date	Revision Description
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

Revision Schedule

Catalyst Bicester
Wendlebury Road

Client:
Albion Land Plc.

PHASE 1 - PACKAGE 3
UNIT 4 DRAINAGE LAYOUT PLAN

BAILEY JOHNSON HAYES
Consulting Engineers
ST.ALBANS: Suite 4, Phoenix House, 63 Campfield Rd, ST.ALBANS, Herts AL1 5FL
MANCHESTER: Grange House, John Dalton Street, MANCHESTER, M2 6FW

Scale	1:250 @A1
Date	28.07.20
Drawn	JNG

S1358-PH1-13D