BLOCK 6
FFL 46.000

BLOCK 14
FFL 46.125

BLOCK 5
FFL 46.050

BLOCK 16
FFL 46.275

PS5 (900Ø)
CL: 45.916
IL: 44.617

PS5A
CL: 45.916
IL: 44.644

PS6 (900Ø)
CL: 46.002
IL: 45.068

PS6A
CL: 46.002
IL: 45.086

1500 PERFORATED PIPE I/150

1500 I/118
20.0025

1500 I/118
20.002

1500 I/100
20.003

BD IL: 44.549

21.002
1500 I/100

BD IL: 44.962

1000 I/153
21.001

1000 I/153
21.000

ROAD 3

RG02
300Ø +
SILT TRAP

RG04
300Ø +
SILT TRAP

RG06
300Ø +
SILT TRAP

RG08
300Ø +
SILT TRAP

SWD09
(900Ø)
CL: 45.936
IL: 44.727

1500 I/150
22.002

1500 I/150
22.003

BD IL: 44.682

1500 I/150
23.003

BD IL: 44.992

SWD08
(900Ø)
CL: 46.017
IL: 45.028

1500 I/150
23.002

PSW45
CL: 46.082
IL: 45.208

1000 I/80
23.001

PSW43 (RE)
CL: NULL
IL: 45.479

1000 I/80
23.000

PSW44
CL: 46.123
IL: 45.358

PF66
CL: 46.038
IL: 44.835

PF67
CL: 46.034
IL: 44.790

PF68
CL: 46.037
IL: 44.760

1000 I/80
10.006

1500 I/80
10.007

1500 I/80
10.008

RG05
300Ø +
SILT TRAP

1500 I/30
24.002

BD IL: 44.692

SWD10
(900Ø)
CL: 46.005
IL: 43.703

1500 I/150
24.003

BD IL: 43.664

600 I/150

1500 I/150
25.001

PF69 (900Ø)
CL: 46.028
IL: 44.741

1500 I/150

BD IL: 44.692

2
CL: 46.029
IL: 43.800

RG07
300Ø +
SILT TRAP

PF59
CL: 46.082
IL: 45.082

1500 I/80
9.007

PF58
CL: 46.112
IL: 45.161

1500 I/80
9.006

PF57
CL: 46.115
IL: 45.230

1000 I/80
9.005

PF56
CL: 46.114
IL: 45.340

1000 I/80
9.004

PF55
CL: 46.114
IL: 45.385

1000 I/80
9.003

PF54
CL: 46.104
IL: 45.438

1000 I/80
9.002

1500 I/150
26.003

BD IL: 43.569

SWD11 (9000)
CL: 46.089
IL: 43.615

1500 I/150
9.008

BD IL: 45.253

1500 I/150
27.001

1500 I/150
26.002

PSW54
CL: 46.066
IL: 45.415

PF88
CL: 46.129
IL: 45.479

1000 I/80
9.001

1000 I/80
26.001

PF52
CL: 46.148
IL: 45.558

1000 I/80
9.000

1000 I/80
26.000

PSW53
CL: 46.003
IL: 45.539

PSW52 (RE)

BD IL: 45.005

1500 I/150

PF60
(900Ø)
CL: 45.999
IL: 45.052

2
CL: 46.065
IL: 43.700

DENOTES ADOPTED DRAINAGE

DENOTES PRIVATE SURFACE WATER DRAINAGE

DENOTES PRIVATE FOUL WATER DRAINAGE

DENOTES AREA OF DRAINED PERMEABLE BLOCK PAVING

DENOTES 1000Ø PERFORATED PIPE LAID DIRECTLY ADJACENT TO THE KERB.

DENOTES CONNECTION OF PERFORATED PIPE TO MAIN SURFACE WATER DRAINAGE. CONNECTION POINT NOT CRITICAL AND CAN BE ADJUSTED AT CONTRACTORS DISCRETION.

ALL DRAG OUT MANHOLES TO BE 900MM DIAMETER CONCRETE. ALL OTHERS TO BE 450MM DIAMETER WAVIN RANGE (WITH CONCRETE SURROUND IF LOCATED IN HARDSTANDING)

SURFACE WATER NETWORK DESIGNED FOR NO FLOODING IN THE FOLLOWING CONDITIONS:
1:30 YEAR RETURN PERIOD STORMS IN ADOPTED SYSTEM
1:100 YEAR RETURN PERIOD STORMS + CLIMATE CHANGE IN PRIVATE SYSTEM
SURFACE WATER NETWORK DESIGNED FOR NO SURCHARGING IN THE 1:1 AND 1:2 YEAR RETURN PERIODS

THIS SCHEME IS TO BE CONSIDERED PRELIMINARY UNTIL SUCH TIME AS THE LOCAL COUNCIL (LLFA), ENVIRONMENT AGENCY, PLANNING DEPARTMENT AND THIRD PARTY LAND OWNERS GIVE TECHNICAL APPROVAL, AND THE CLIENT OR CONTRACTOR UNDERTAKES INVESTIGATION WORKS (E.G. CONFIRMATION OF LAND OWNERSHIP, SURVEY OF SERVICES AND CONNECTION POINTS) TO CONFIRM THE PROPOSED ROUTES OFFSITE ARE VIABLE. ANY WORKS, OR ORDERING OF MATERIALS, PRIOR TO APPROVALS FROM THE ABOVE MENTIONED BODIES IS DONE SO AT THE CONTRACTORS RISK IN ITS ENTIRETY. BMC WILL ACCEPT NO RESPONSIBILITY FOR ANY ABORTIVE WORKS / MATERIAL COSTS.

CLIENT TO PROVIDE LEVELS AND OBTAIN THIRD PARTY APPROVALS (INCLUDING APPROVALS FROM THIRD PARTY LAND OWNERS) IN ORDER TO PROVE ADEQUACY OF SCHEME - UNTIL SUCH MEASURES ARE IN PLACE THE SCHEME IS INDICATIVE ONLY

ALL EXISTING & PROPOSED COVER LEVELS & INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCING WORKS

ALL POSITIONS OF PROPOSED DRAINAGE & MANHOLES/RODDING EYES TO BE CONFIRMED AS ACCEPTABLE BY LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORKS

ALL TEMPORARY WORKS FOR CONSTRUCTION OF DRAINAGE TO CONTRACTORS DESIGN AND DETAILS

CLIENT TO CONFIRM REQUIREMENT FOR ACO DRAINS AT THRESHOLD LOCATIONS

CLIENT TO INVESTIGATE EXISTING DRAINS ON-SITE TO DETERMINE WHETHER ANY CLASHES OCCUR WITH THE PROPOSALS AND WHETHER ANY LEGAL EASEMENTS EXIST

SCHEME SHOWING PRIMARY DRAINAGE RUNS ONLY. ALL SECONDARY AND CAR PARKING TBC

PLOT DRAINAGE LAYOUT 04
1:100 @ A1
1:200 @ A3

ALL INTERNAL SVPs & DROPS THROUGH SLAB TBC, ALL RWP POSITIONS TBC BY ARCHITECT

PUBLIC OR PRIVATE UTILITY NOTES

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO VERIFY LOCATION AND EXTENT OF THEIR APPARATUS AND HAVE IT MARKED OUT ON SITE PRIOR TO COMMENCING ON SITE. DETAILS AND COSTS TO BE PROVIDED BY CONTRACTOR. TRIAL HOLES SHALL BE UNDERTAKEN BY HAND TO LOCATE ANY BURIED APPARATUS IF EXCAVATION WORKS OR LEVEL REDUCTIONS ARE TO BE UNDERTAKEN IN THE GENERAL AREA.

CONTRACTORS OWN RISK ASSESSMENTS AND SAFE METHODS OF WORKING ADJACENT TO UTILITIES SHALL BE EMPLOYED AT EVERY STAGE OF THE WORK. NO RESPONSIBILITY AS TO THE ACCURACY OF THIS PLAN IS GIVEN BY BELL MUNRO CONSULTING LIMITED AND NO LIABILITY WHAT SO EVER IS ACCEPTED BY THE COMPANY FOR THE USE OF THE INFORMATION ON THIS PLAN. IT IS INTENDED FOR GENERAL REFERENCE ONLY.

CONTRACTOR SHALL UPDATE THIS PLAN UP WITH SITE INFORMATION WHEN APPARATUS CAN BE ACCURATELY LOCATED ON SITE AND RETURNED TO BELL MUNRO CONSULTING LIMITED FOR THE DRAWING TO BE UPDATED AND RE-ISSUED.

NOTES:

1. THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF BELL MUNRO CONSULTING LTD. THE DRAWING MUST NOT BE REPRODUCED IN PART OR IN WHOLE WITHOUT PRIOR WRITTEN AUTHORITY.
2. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE RELEVANT BMC SPECIFICATIONS TOGETHER WITH THE APPROPRIATE ARCHITECTS AND SERVICES CONSULTANTS DRAWINGS AND SPECIFICATIONS.
3. READ IN CONJUNCTION WITH ALL DRAWINGS STARTING J8929/
4. MANHOLE COVERS TO BE IN ACCORDANCE WITH BS EN 124
5. CLAY PIPES TO BE FLEXIBLY JOINTED AND COMPLY WITH THE REQUIREMENTS OF BS EN 295. AS MESSRS HEPWORTH SUPERSLEEVE AND HEPSEAL
6. CONCRETE PIPES TO BE FLEXIBLY JOINTED AND COMPLY WITH THE REQUIREMENTS OF BS 5911.
7. WHERE COVER TO PIPES IS LESS THAN 1200 IN ROADS AND HARDSTANDINGS OR 900 MM ELSEWHERE, CONCRETE SURROUND IS TO BE PROVIDED IN ACCORDANCE WITH THE DETAIL.
8. UNTIL FINAL SERVICE IS PLACED, HEAVY TRAFFIC IS NOT TO BE ALLOWED OVER PIPE TRENCHES WITHOUT SPECIAL PRECAUTIONS.
9. PIPES AND FITTINGS ARE TO BE LAID IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
10. MANHOLE COVERS IN HIGHWAYS AND CAR PARKS TO BE LOAD CLASS D400 TO BS EN 124.
11. MANHOLE COVERS IN LANDSCAPED AND PAVED AREAS TO BE LOAD CLASS B125 BS EN 124.
12. MANHOLE COVERS IN PAVED AREAS TO BE RECESSED TO ACCEPT PAVING FINISH.
13. ACCESS COVERS FOR GULLIES IN KERBSIDES TO BE LOAD CLASS C250 BS EN 124.
14. ALL MANHOLES & PPICS IN HARD STANDINGS TO HAVE 150MM CONCRETE SURROUND
15. READ IN CONJUNCTION WITH PHASE 2 SITE INVESTIGATION REPORT

PRIVATE OFFLINE STORAGE STRUCTURES

① WAVIN AQUACELL CORE-R
0.8M DP
7.0x10.0x0.4M DEEP
(70M³ x 0.4M DP)
CL= 45.815
IL = 44.200
1.2M COVER FOR ROAD LOADING

② WAVIN AQUACELL CORE-R
0.8M DP
21.0x6.0x0.8M DEEP
CL= (SEE PLAN)
IL = (SEE PLAN)
1.2M COVER FOR ROAD LOADING

FOR TECHNICAL REVIEW

REV	COMMENTS	DATE	BY
C	UPDATED TO SUIT CLIENT REQUESTS	29/05/26	CR
B	UPDATED TO SUIT LU COMMENTS	20/04/26	CR
A	UPDATED TO LATEST SITE PLAN	27/02/26	CR
–	INITIAL ISSUE	23/02/25	CR

BMC

BELL MUNRO CONSULTING LTD

CONSULTING CIVIL & STRUCTURAL ENGINEERS
TURING HOUSE
5 ARCHWAY
MANCHESTER
M15 5RL
TEL: 0161 2098032
FAX: 0161 2098033
EMAIL: CONSULTING@BELLMUNRO.CO.UK
WWW.BELLMUNRO.CO.UK

CLIENT: VIEWS

PROJECT: BURNAGE CRICKET CLUB

TITLE: PLOT DRAINAGE 04

DRAWN BY:	CHECKED BY:	SCALE:	DATE:
MP	AM	AS SHOWN	12/25

DRAWING NUMBER: J8929 D04

REVISION: C