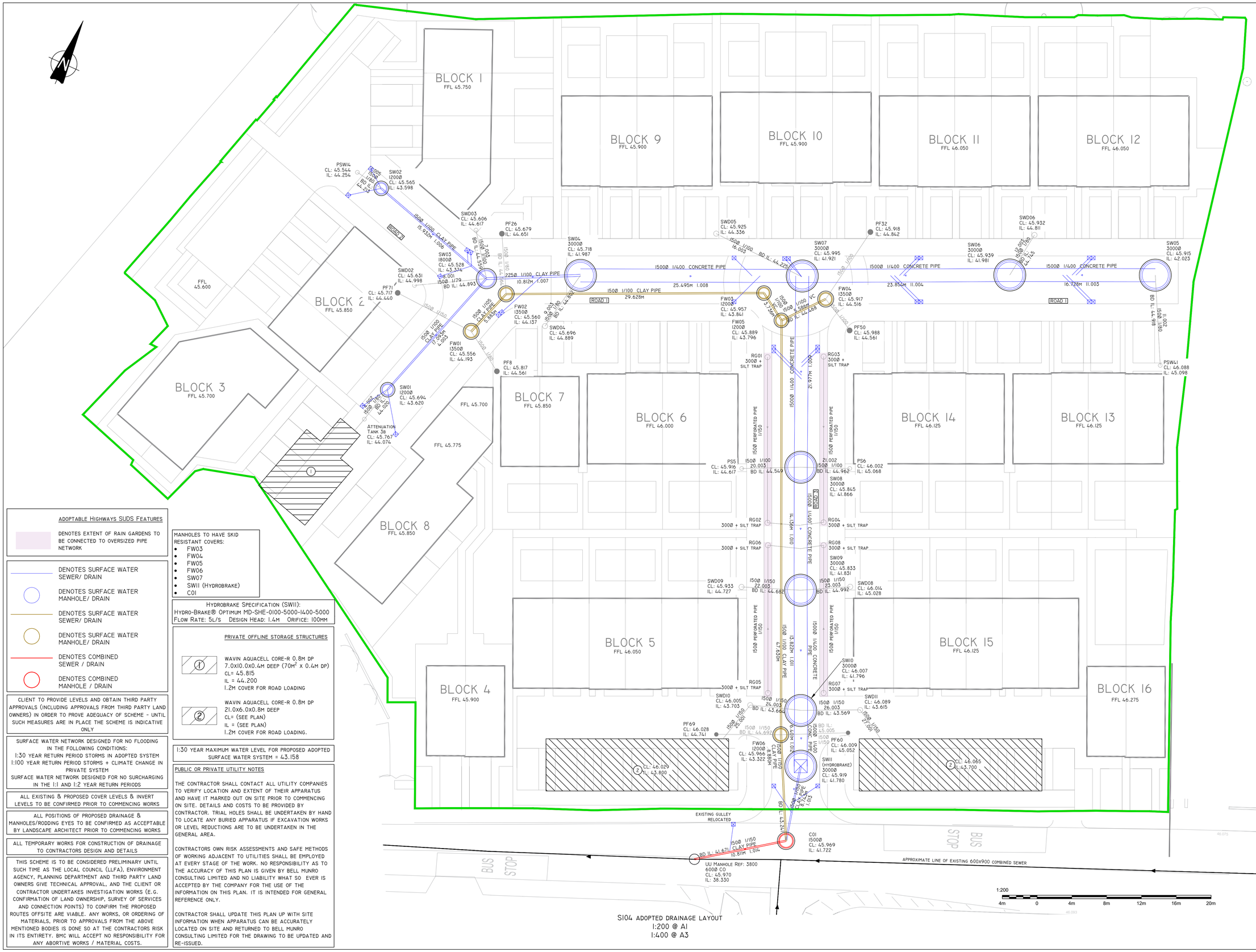


SI04 ADOPTED DRAINAGE LAYOUT
1:200 @ A1
1:400 @ A3

ADOPTABLE HIGHWAYS SUDS FEATURES

DENOTES EXTENT OF RAIN GARDENS TO BE CONNECTED TO OVERSIZED PIPE NETWORK

DENOTES SURFACE WATER SEWER/ DRAIN

DENOTES SURFACE WATER MANHOLE/ DRAIN

DENOTES SURFACE WATER SEWER/ DRAIN

DENOTES SURFACE WATER MANHOLE/ DRAIN

DENOTES COMBINED SEWER / DRAIN

DENOTES COMBINED MANHOLE / DRAIN

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

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

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

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.

MANHOLES TO HAVE SKID RESISTANT COVERS:
- FW03
- FW04
- FW05
- FW06
- SW07
- SWII (HYDROBRAKE)
- C01

HYDROBRAKE SPECIFICATION (SWII):
HYDRO-BRAKE® OPTIMUM MD-SHE-0100-5000-1400-5000
FLOW RATE: 5L/S DESIGN HEAD: 1.4M ORIFICE: 100MM

PRIVATE OFFLINE STORAGE STRUCTURES

① WAVIN AQUACELL CORE-R 0.8M DP
7.0x10.0x0.4M DEEP (70M² 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.

1:30 YEAR MAXIMUM WATER LEVEL FOR PROPOSED ADOPTED SURFACE WATER SYSTEM = 43.158

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

FOR TECHNICAL REVIEW

REV	COMMENTS	DATE	BY
A	UPDATED TO LATEST SITE PLAN	27/02/26	CR
-	INITIAL ISSUE	23/12/25	CR

BMC

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CLIENT: VIEWS

PROJECT: BURNAGE CRICKET CLUB

TITLE: ADOPTED DRAINAGE LAYOUT

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

DRAWING NUMBER: J8929 SI04-D01

REVISION: A