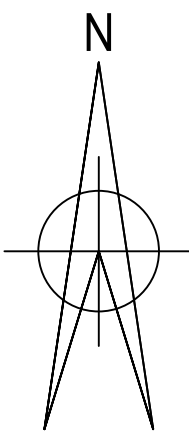


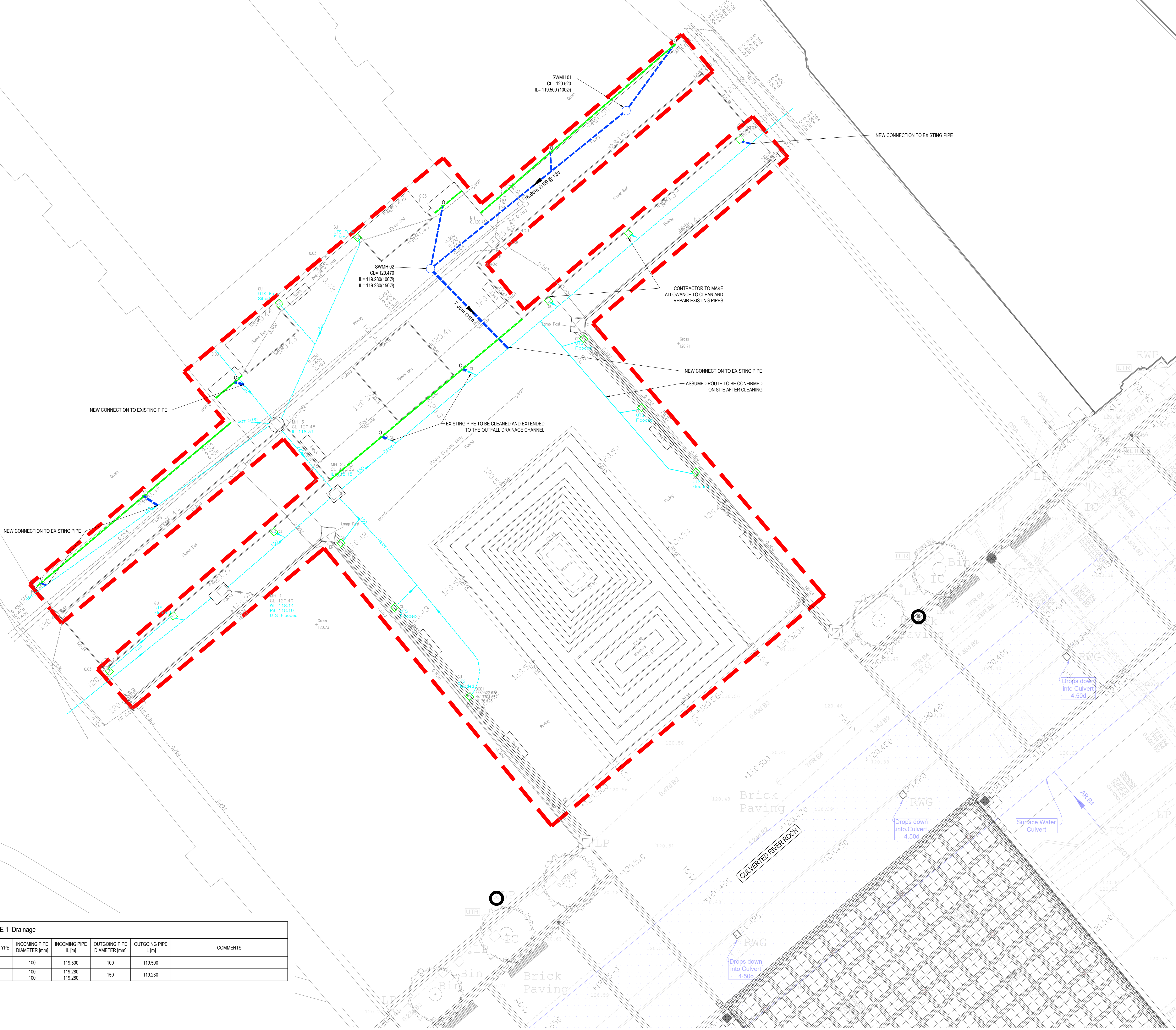
LEGEND

- PROPOSED SITE BOUNDARY
- EXISTING DRAINAGE
- PROPOSED DRAINAGE
- ACO M1000 No. 0.0 DRAIN CHANNEL WITH HEELGUARD DUCTILE IRON GRATING
- PROPOSED YARD GULLY AS PER PHASE 2



CONTRACTOR TO MAKE ALLOWANCE TO CLEAN AND REPAIR ALL EXISTING DRAINAGE WITHIN THE SITE BOUNDARY

ALL PIPES 1000 UNLESS OTHERWISE STATED



2 1 0 2 4 6 8
SCALE BEFORE REDUCTION 1:100

MANHOLE SCHEDULE - PHASE 1 Drainage													
NAME	EASTING [m]	NORTHING [m]	COVER LEVEL [m]	INVERT LEVEL [m]	DEPTH [m]	TYPE	COVER LOADING	COVER TYPE	INCOMING PIPE DIAMETER [mm]	INCOMING PIPE IL [m]	OUTGOING PIPE DIAMETER [mm]	OUTGOING PIPE IL [m]	COMMENTS
SWMH 01	389533.342	413345.312	120.520	119.500	1.020	SIA Manhole Type 3 Circular (450 Dia)	B125	RE	100	119.500	100	119.500	
SWMH 02	389519.927	413334.477	120.470	119.230	1.240	SIA Manhole Type 3 Circular (450 Dia)	B125	RE	100 100	119.280 119.280	150	119.230	

ABBREVIATIONS

ST: SOLID TOP/ DUCTILE IRON
RE: RECESSED / INFILLED

DO NOT SCALE THIS DRAWING	
HEALTH AND SAFETY INFORMATION	
CONSTRUCTION	
MAINTENANCE/OPERATION	
DECOMMISSIONING/DEMOLITION	

- Notes
- GENERAL NOTES:
- THE DESIGN OF THIS SCHEME HAS BEEN BASED ON THE FOLLOWING DRAWINGS AND INFORMATION:
 - 2D GPR SURVEY AND TOPOGRAPHICAL SURVEY: DRAWING No. 12464_001 REV 0 RECEIVED AUGUST 2023, BY MD OLIVER
 - GILLESPIES LANDSCAPE DRAWING: LANDSCAPE GENERAL ARRANGEMENT DRAWING No. P11511-00-001-GL-0100 RECEIVED 14/08/2023
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, DETAILS AND SPECIFICATIONS.
 - ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - ALL EXISTING PRIVATE GULLIES AND ASSOCIATED PIPES TO BE REMOVED UNLESS OTHERWISE STATED.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.
 - PRIOR TO THE COMMENCEMENT OF WORK THE LOCATION, SIZE AND DEPTH OF ALL EXISTING DRAINSEWERS AND SERVICES SHALL BE ESTABLISHED BY THE CONTRACTOR. ANY DISCREPANCIES FROM THE INFORMATION INDICATED ON THESE DRAWINGS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER.
 - ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BS 5925 DRAINAGE AND SEWERS OUTSIDE BUILDINGS. THE CURRENT BUILDING REGULATIONS AND TO THE SATISFACTION OF THE WATER AUTHORITY / BUILDING CONTROL, OR SPECIFIC REQUIREMENTS OF THE CLIENT IF APPLICABLE.
 - THE CONTRACTOR SHALL ALLOW FOR ALL RELEVANT APPROVALS FROM THE RELEVANT AUTHORITIES WHEN WORKING WITHIN THE PUBLIC HIGHWAY AND ON ADOPTED SEWER SYSTEMS.
 - THE CONTRACTOR SHALL ALLOW FOR THE PROTECTION, TEMPORARY AND PERMANENT SUPPORT AND DIVERSION WORKS AS NECESSARY TO ALL EXISTING SERVICES TO THE SATISFACTION OF THE PUBLIC UTILITIES.
 - THE CONTRACTOR SHALL ALLOW FOR DEALING WITH SURFACE WATER RUNOFF INTO EXCAVATIONS AND FROM GROUNDWATER BY MEANS OF PUMPS, PUMPING AND DE-WATERING AS APPROPRIATE IN ORDER TO KEEP THE EXCAVATION AS DRY AS REASONABLY PRACTICABLE DURING THE CONSTRUCTION OF THE WORKS. DEWATERING SHALL BE UNDERTAKEN IN STRICT ACCORDANCE WITH THE SPECIFICATION.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.
 - UPON COMPLETION OF THE WORKS THE CONTRACTOR SHALL CLEAN ALL DRAINAGE BY JETTING, REMOVING ALL DEBRIS FROM SITE. NO DEBRIS SHALL BE PERMITTED TO ENTER THE PUBLIC DRAINAGE SYSTEM, WATERCOURSE OR OFF-SITE DISCHARGE NETWORK. ALL DRAINS SHALL BE CCTV SURVEYED WITH THE RECORD INFORMATION (INCLUDING VIDEO FOOTAGE) BEING PASSED TO THE ENGINEER FOR REVIEW.
 - ALL PROPRIETARY PRODUCTS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS' SPECIFIC REQUIREMENTS AND SPECIFICATIONS.
 - ALL EXISTING DRAINAGE INFRASTRUCTURE NOT REQUIRED AS PART OF THE FINAL DRAINAGE SYSTEM IS TO BE GRUBBED UP AND REMOVED FROM SITE OR GROUTED UP AS DIRECTED BY THE ENGINEER.
 - WHERE INFILL MANHOLE COVERS ARE SPECIFIED THE LOCATION OF MANHOLES AND ORIENTATION OF THE COVERS SHALL BE COORDINATED ON SITE TO SUIT THE SURFACING MATERIAL AND PAVING ARRANGEMENT WHEREVER POSSIBLE.

C01 ISSUE FOR CONSTRUCTION 18/08/2023 FR CB

Rev Description Date Drawn By

STAGE 4

Status of drawing

BUROHAPPOLD ENGINEERING

17 Newman Street London W1T 3ED UK

Architect: GILLESPIES
Project: ROCHDALE TOWN HALL SQUARE
Org Title: PROPOSED SURFACE WATER DRAINAGE PLAN
CENOTAPH

Scale: 1:100
Drawn by: FR
Checked by: CB
Date: AUGUST 2023
Rev: C01

Job No: 0042509
Drawing No: 0042509-BHE-DR-C-3150