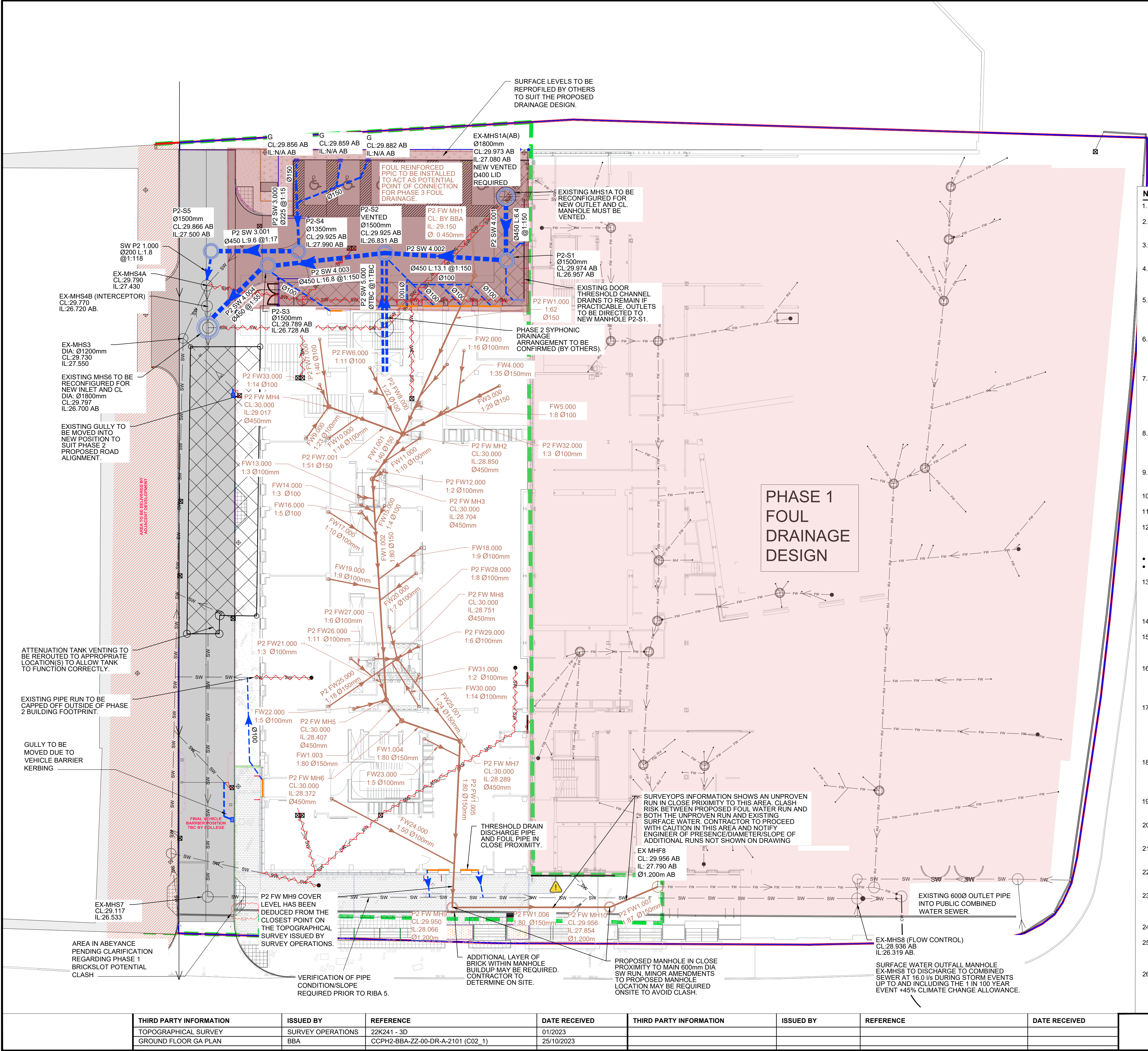


ISO A1 594mm x 841mm
Last saved by: NATASHA.MEHMOOD(2024.02.01) Last Plotted: 2024.02.05
Filename: \\na.aecom.com\is\EME\Manchester-UKMCRSL\Legacy\UKMCRSL\Manchester_College\900_CAD_GIS\912_CAD_Phase 2\BBA\Planning Authority\CCPH2-ACM-Z0-XX-DR-C-6000_Drainage Strategy Layout.dwg



NOTES

- DO NOT SCALE FROM THIS DRAWING. ONLY STATED DIMENSIONS ARE TO BE USED.
- ALL DIMENSIONS ARE IN METRES AND ALL LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER SCHEME DRAWINGS AND DOCUMENTS.
- THIS DRAWING IS TO BE USED FOR THE STATED PURPOSE OF ISSUE ONLY AND MUST NOT BE USED FOR ANY OTHER PURPOSE THAN THAT INDICATED.
- ONLY WRITTEN DIMENSIONS SHALL BE USED. CRITICAL DIMENSIONS AND LEVELS SHALL BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO WORK COMMENCEMENT.
- ANY DISCREPANCIES IN DIMENSIONS OR DETAILS ON OR BETWEEN THESE DRAWINGS SHALL BE DRAWN TO THE ATTENTION OF THE PROJECT MANAGER FOR CLARIFICATION.
- ATTENUATION TANK VENTING ARRANGEMENT WILL REQUIRE RE-ROUTING DUE TO PHASE 2 LAYOUT. IT IS ESSENTIAL THAT THE ATTENUATION TANK HAS 2 VENTS IN OPPOSITE CORNERS OF THE TANK FOR FURTHER DETAILS, SEEK MANUFACTURERS GUIDANCE.
- ALL PIPES ARE TO BE POLYPROPYLENE STRENGTH CLASS SN8. ALL PIPES SHALL HAVE FLEXIBLE JOINTS. HDPE PIPES MUST COMPLY TO BS EN 13476-(1-3) AND WIS 4-35-01.
- ALL PIPEWORK TO BE INSTALLED IN LINE WITH MANUFACTURER'S RECOMMENDATIONS.
- PIPE BED AND SURROUND TO BE CLASS S1 TO BS EN 1295-1.
- ALL MANHOLES TO BE CIRCULAR PRE-CAST CONCRETE.
- ALL COVERS ARE TO BE DUCTILE IRON TO BS EN 124. LOAD CLASSES SHALL BE AS FOLLOWS:
 - NON-VEHICULAR AREAS - B125
 - VEHICULAR AREAS - D400
- PHASE 1 DRAINAGE SHOWN AS 'TO BE ABANDONED' SHALL BE COMPLETELY REMOVED. PIPE ENDS AT THE CUT OFF POINTS ARE TO BE CONNECTED TO OR CAPPED/GROUTED IF NOT REQUIRED.
- MANHOLE INVERT LEVELS SHOWN ARE FOR THE OUTGOING PIPE.
- ALL SEWERS, MANHOLES AND ANCILLARIES ARE TO BE CONSTRUCTED IN LINE WITH THE SPECIFICATION AND DETAILS IN SEWERS FOR ADOPTION, 7TH EDITION.
- ALL COVERS ARE TO BE DUCTILE IRON TO BS EN 124. ALL INTERNAL MANHOLES SHALL BE DOUBLE SEALED AND RECESSED TO BE ABLE TO TAKE THE SURROUNDING FLOOR FINISH.
- SYPHONIC MANHOLES TO BE AQUAVANTAGE (SAP CODE 241255) WITH A WATERWAY OF 5250CM2 OR THE SAINT GOBIAN WATERWAY 2400 (SAP CODE 211234) WITH A WATER WAY OF 2400CM2 OR EQUIVALENT APPROVED. MINIMUM VENTED AREA OF MANHOLE COVER IS 0.274m².
- INTERNAL MANHOLES ARE TO BE FITTED WITH RECESSED COVERS. SEEK MANUFACTURERS GUIDANCE FOR STANDARD DETAILS AND INSTALLATION REQUIREMENTS.
- ALL FOUL POPUPS HAVE BEEN DESIGNED TO HAVE A CONNECTION POINT 750mm BELOW FFL.
- FOUL PENETRATION POINTS TO COME EQUIPT WITH ON / ABOVE GROUND RODDING ACCESS.
- COVER LEVELS NORTH EAST OF ATTENUATION TANK HAVE BEEN DESIGNED BY BBA.
- Y CONNECTION FOR ALL PIPE TO PIPE CONNECTIONS WITHIN THE PROPOSED DRAINAGE NETWORK.
- SADDLE CONNECTION FOR ALL PIPE TO PIPE CONNECTIONS WHEN CONNECTING THE PROPOSED NETWORK TO THE EXISTING DRAINAGE NETWORK.
- SIPHONIC DRAINAGE DESIGNED BY OTHERS.
- ALL EXTERNAL GULLIES TO BE ACO UNIVERSAL GULLY OR EQUIVALENT APPROVED. REFER TO MANUFACTURER GUIDE FOR INSTALLATION.
- REFER TO DRAWING NO. CCPH2-ACM-Z0-XX-DR-C-9005 FOR FLOW CONTROL MANHOLE DETAILS.



PROJECT

MANCHESTER
COLLEGE
PHASE 2

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KEY

- PHASE 2 BOUNDARY
- OWNERSHIP BOUNDARY
- EXISTING SURFACE WATER
- EXISTING DRAINAGE TO BE ABANDONED/REMOVED
- EXISTING SURFACE WATER MANHOLE
- PROPOSED SURFACE WATER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED ROAD GULLY
- PROPOSED THRESHOLD DRAIN
- PHASE 1 PPIC
- PHASE 1 FOUL WATER
- PHASE 2 PROPOSED PPIC
- PHASE 2 PROPOSED FOUL WATER
- EXISTING COMBINED PIPE
- PHASE 1 DRAINAGE DESIGN
- SURFACE LEVELS TO BE REPROFILED BY OTHERS (SEE NOTE 20)
- FOUL PENETRATION POINTS EQUIPT WITH ON / ABOVE GROUND RODDING ACCESS FEATURE

ISSUE/REVISION

CO1	05/02/2024	PLANNING AUTHORITY	NM	GT	VB
I/R	DATE	DESCRIPTION	BY	CK	AP

SUITABILITY

S2 - Suitable for information

PROJECT NUMBER

60594458

SHEET TITLE

THE MANCHESTER COLLEGE
PHASE 2
DRAINAGE STRATEGY LAYOUT

SHEET NUMBER

CCPH2-ACM-Z0-XX-DR-C-6000

SCALE

1:200 @ A1

REVISION

C01

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