HEALTH & SAFETY: THE WORKS SHALL BE CARRIED OUT BY SPECIALIST COMPETENT AND EXPERIENCED CONTRACTORS. ALL OPERATIVES SHALL HAVE RECEIVED FULL AND APPROPRIATE TRAINING WITH APPROPRIATE QUALIFICATIONS FOR THE OPERATIONS THEY ARE REQUIRED TO UNDERTAKE. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT HEALTH & SAFETY REGULATIONS.

DRAINAGE NOTES

ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER FOR ACTION PRIOR TO CONSTRUCTION.

ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND THE DESIGN AND CONSTRUCTION GUIDANCE AS APPROPRIATE.
ALL DRAINAGE SHALL COMPLY WITH THE TYPICAL DRAINAGE CONSTRUCTION DETAILS AND THE REQUIREMENTS OF BS EN 752.

ACCESS COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED AND TO BS EN 124 AND KITEMARKED OR IF RECESSED COVERS ARE SPECIFIED THEN IN ACCORDANCE WITH FACTA ASSOCIATION EQUIVALENT. ALLOW FOR RECESS MANHOLE COVERS TO ACCEPT LANDSCAPE ARCHITECT FINISHES TO ALL LANDSCAPED AREAS (TOTAL 9NO. COVERS)

THE PROPOSED BUILDING OUTLINES SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. REFER TO ARCHITECTS PLANS FOR SETTING OUT INFORMATION AND DETAILS.

FOR SETTING OUT DIMENSIONS OF SS'S, SVP'S, RWP'S, FLOOR GULLY & OTHER DRAINAGE 'POP UP' LOCATIONS, REFER TO ARCHITECTS OR MECHANICAL & ELECTRICAL ENGINEERS DRAWINGS. LOCATION OF EXTERNAL CHANNEL DRAINS AND GULLY LOCATIONS / REQUIREMENTS TO BE CONFIRMED BY ARCHITECT.

SVP LOCATIONS FOR RESIDENTIAL UNITS ARE ASSUMED BASED ON THE FIRST FLOOR DROP POSITIONS. ALL SVP AND RWP POSITIONS TO BE CONFIRMED BY OTHERS PRIOR TO CONSTRUCTION. FURTHER CO-ORDINATION BETWEEN BELOW GROUND DRAINAGE AND DROP POSITIONS WILL BE REQUIRED.

ALL SVPS TO BE RODDABLE FROM ABOVE GROUND.

ALL PIPEWORK TO BE: FOUL 100mm AND SURFACE WATER 150mm UNLESS OTHERWISE STATED.

ALL DRAINAGE PIPEWORK SHALL BE LAID SOFFIT TO SOFFIT UNLESS NOTED OTHERWISE.

ALL UNDERSLAB DRAINAGE SHALL BE LAID AT GRADIENTS OF 1:80 MIN. FOR FOUL PIPEWORK AND 1:100 MIN. FOR SURFACE WATER UNLESS NOTED OTHERWISE.

ALL UNDERSLAB DRAINAGE SHALL BE CLEAR OF FOUNDATIONS UNLESS SHOWN OTHERWISE. USE OF LONG RADIUS BENDS IS ACCEPTABLE PROVIDED THEY ARE KEPT TO A MINIMUM AND USED WHERE UNAVOIDABLE.

ALL SURFACE WATER DROP DOWN POSITIONS SHALL HAVE A BEND SET AT INVERT LEVEL NO GREATER THAN 1.3m BELOW FINISH FLOOR LEVEL.

AT LEAST ONE SOIL PIPE AT THE HEAD OF EACH FOUL RUN SHALL BE VENTED TO THE ATMOSPHERE. ALL RAINWATER DOWNPIPES SHALL BE ACCESSIBLE ABOVE GROUND FOR RODDING PURPOSES.

COVER LEVELS SHOWN ON THIS DRAWING ARE APPROXIMATE AND SHALL BE ADJUSTED TO SUIT LEVELS ON SITE BY CONTRACTOR. COVERS SHALL BE ORIENTATED TO SUIT PAVEMENT FINISHES WHERE APPROPRIATE.

ALL PRIVATE DRAINAGE PIPEWORK FOR FOUL AND SURFACE WATER SYSTEMS HAVE BEEN DESIGNED ON THE BASIS OF UPVC TO BS EN 1401-1, UNLESS NOTED OTHERWISE.

CONCRETE ENCASEMENT OF THE PIPEWORK SHALL BE REQUIRED WHERE THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300mm.

ALL DRAINAGE CONNECTING TO THE PUBLIC SEWER NETWORK SHALL NOT COMMENCE UNTIL RECEIPT OF THE APPROVAL FROM THE DRAINAGE AUTHORITY AND SHALL COMPLY WITH REQUIREMENTS USING VITRIFIED CLAY PIPEWORK TO BS EN 295 WITH PLAIN SLEEVED OR SOCKETED FLEXIBLE JOINTS SUBJECT TO APPROVAL.

WHERE DRAINAGE WORKS ARE CARRIED OUT IN THE PUBLIC HIGHWAY THE RELEVANT NECESSARY APPROVALS AND ROAD OPENING NOTICES SHALL BE OBTAINED FROM THE HIGHWAY AUTHORITY AND UTILITY COMPANIES.

PRIOR TO CONSTRUCTION THE FLOW CONTROL MANUFACTURER'S DRAWING AND HYDRAULIC TABLE SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL

PRIOR TO CONSTRUCTION THE ATTENUATION TANK MANUFACTURER'S DRAWINGS SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL

PRIOR TO CONSTRUCTION THE PETROL SEPARATOR MANUFACTURER'S DRAWINGS SHALL BE PROVIDED TO THE ENGINEER FOR APPROVAL

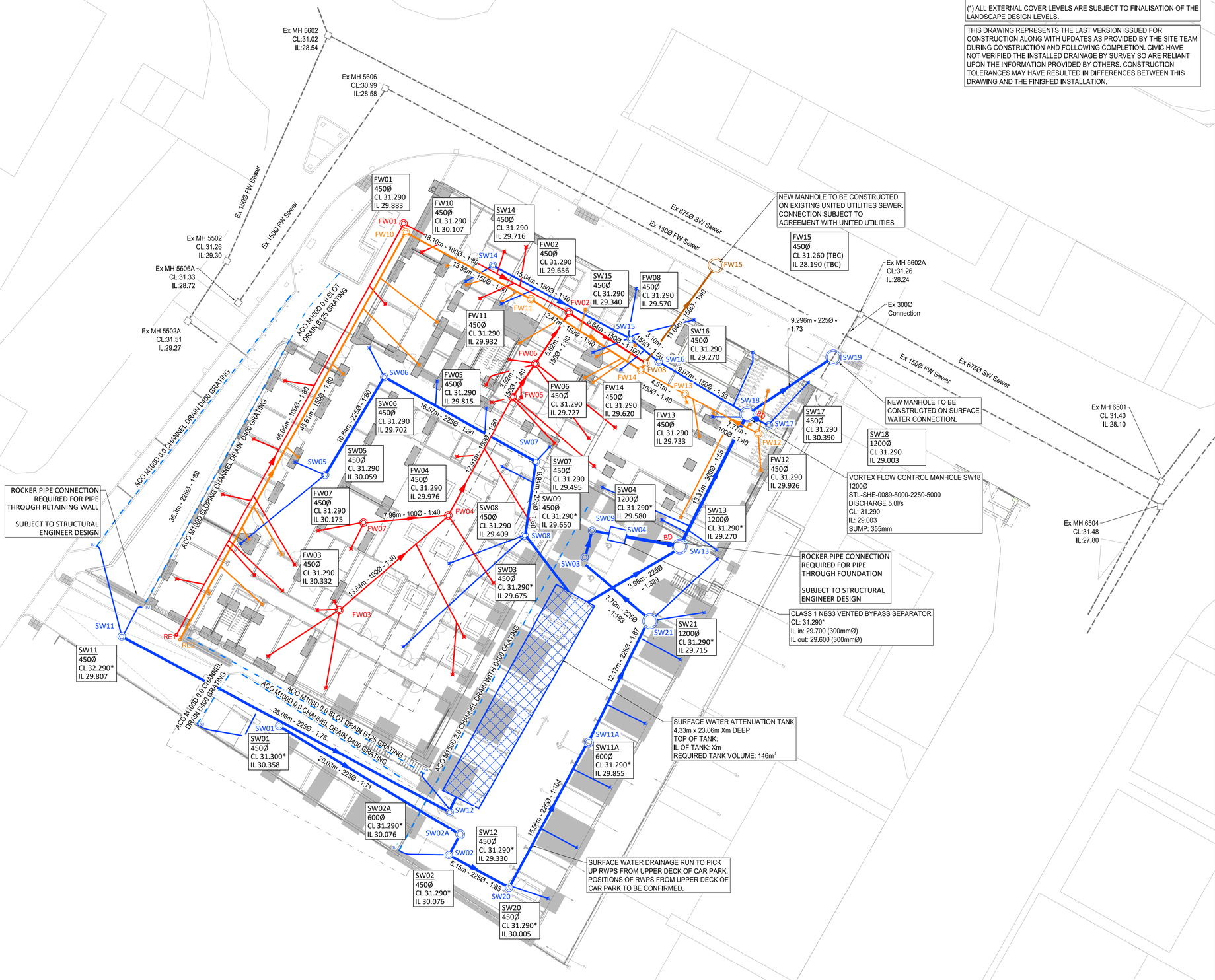
UPON COMPLETION ALL NEW DRAINAGE INSTALLATION TOGETHER WITH ANY EXISTING DRAINAGE RETAINED SHALL BE JETTED AND CCTV SURVEYED UPON COMPLETION. CONTRACTOR TO ENSURE THAT THE DRAINAGE SYSTEM IS FULLY OPERATIONAL, FREE OF EXCESS DEBRIS/SILT AND ALL IDENTIFIED FAULTS RECTIFIED. A COPY OF THE SURVEY SHALL BE PROVIDED TO THE PROJECT MANAGER.

NOTE

CIVIC ENGINEERS ARE NOT RESPONSIBLE FOR ANY CHANGES TO THE DESIGN THAT MAY BE REQUIRED TO INCORPORATE THE FINALISED BUILDING AND EXTERNAL LANDSCAPE LAYOUT ONCE CONFIRMED.

(*) ALL EXTERNAL COVER LEVELS ARE SUBJECT TO FINALISATION OF THE LANDSCAPE DESIGN LEVELS.

THIS DRAWING REPRESENTS THE LAST VERSION ISSUED FOR CONSTRUCTION ALONG WITH UPDATES AS PROVIDED BY THE SITE TEAM DURING CONSTRUCTION AND FOLLOWING COMPLETION. CIVIC HAVE NOT VERIFIED THE INSTALLED DRAINAGE BY SURVEY SO ARE RELIANT UPON THE INFORMATION PROVIDED BY OTHERS. CONSTRUCTION TOLERANCES MAY HAVE RESULTED IN DIFFERENCES BETWEEN THIS DRAWING AND THE FINISHED INSTALLATION.



STANDARD NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
2. THIS DRAWING SHOULD NOT BE SCALED.
3. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
4. ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

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Notes

1. This drawing has been based on the following;
   - 8845-BA-Z1-GF-DR-A(04)010 Ground Floor GA provided by Buttress on 14/12/2021
   - DPO-RYD-00-00-DR-5600-S2-P1 Room Loaded Information North and DPO-RYD-00-00-DR-5601-S2-P1 Room Loaded Information South provided by Ryder on 14/12/2021.
   - RWP dropdown positions (SK)010 - Drainage - Level 00 provided by Buttress on 18/11/2021
   - Locations of existing manholes and sewers are based on Sewer Records by United Utilities and CCTV Survey provided by Layer Surveys on 09/02/2021
   - Drainage as built Didsbury point 26 provided by Weststone on 20/01/2026.
2. Drawing updated to reflect the as-built information received from Weststone on 20.01.2026. No guarantee is given or implied regarding the accuracy or completeness of the as-built information provided. No foul water as-built information has been supplied. No guarantee is given for any deviation from the proposed drainage General Arrangement drawing, reference 1215-05-CIV-XX-ZZ-DR-C-30001_C05.

KEY

- Existing United Utilities Foul Water Sewer
- Existing United Utilities Surface Water Sewer
- Proposed Residential Foul Drainage
- Proposed MHCC Foul Drainage
- Proposed Combined Residential and MHCC Foul Drainage
- Proposed Surface Water Drainage
- Proposed Residential Foul PPIC
- Proposed MHCC Foul PPIC
- Proposed Combined Residential and MHCC Foul PPIC
- Proposed Combined Residential and MHCC Foul Manhole
- Proposed Surface Water PPIC
- Proposed Surface Water Manhole
- Proposed Surface Attenuation Tank
- Proposed Surface Water Drainage Channel
- Proposed Filter Drain
- BD Proposed Backdrop
- Proposed Connection MHCC
- Proposed Connection Residential
- Proposed Connection RWP

DATE	REV	DESCRIPTION	DRAWN	CHKD
11.02.26	C06	FINAL CONSTRUCTION ISSUE	ZA	CK
11.08.25	C05	DRAINAGE AMENDED TO SUIT S&W ANNOT.	LT	TA
06.08.25	C04	DRAINAGE ADDED FOR CAR PARK STRUCTURE	LT	TA
23.07.25	C03	SW11A AND CHANNEL DRAIN DETAILS ADDED	LT	JF
10.09.24	C02	CONSTRUCTION ISSUE	LT	JF
09.09.24	C01	CONSTRUCTION ISSUE	LT	JF
30.08.24	P07	THREE SW POP UP LOCATIONS AMENDED	LT	TA
20.08.24	P06	MINOR AMENDMENTS TO SW	LT	TA
19.08.24	P05	AMENDED FOR CONTRACTOR COMMENT	LT	TA
09.08.24	P04	AMENDED FOR CONTRACTOR COMMENT	LT	TA
02.08.24	P03	STAGE 4	LT	JF
28.06.24	P02	Stage 4	DA	JF
23.12.21	P01	Interim Stage 3	AB	CK

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PROJECT

DIDSBURY POINT

TITLE

PROPOSED DRAINAGE GENERAL ARRANGEMENT

DRAWING STATUS				STATUS CODE
FINAL CONSTRUCTION ISSUE				-
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN	CHECKED
1215-05	1:200	30.11.21	CD	AB
DRAWING No.				REV
1215-05-CIV-XX-ZZ-DR-C-30001				C06

FILE LOCATION PATH: P:\PROJECTS HOT\1215-05 DIDSBURY POINT\004 BIM\CIVIL\SI\DRAWINGS\1215-05-CIV-XX-ZZ-DR-C-30001_PROPOSED DRAINAGE GA.DWG