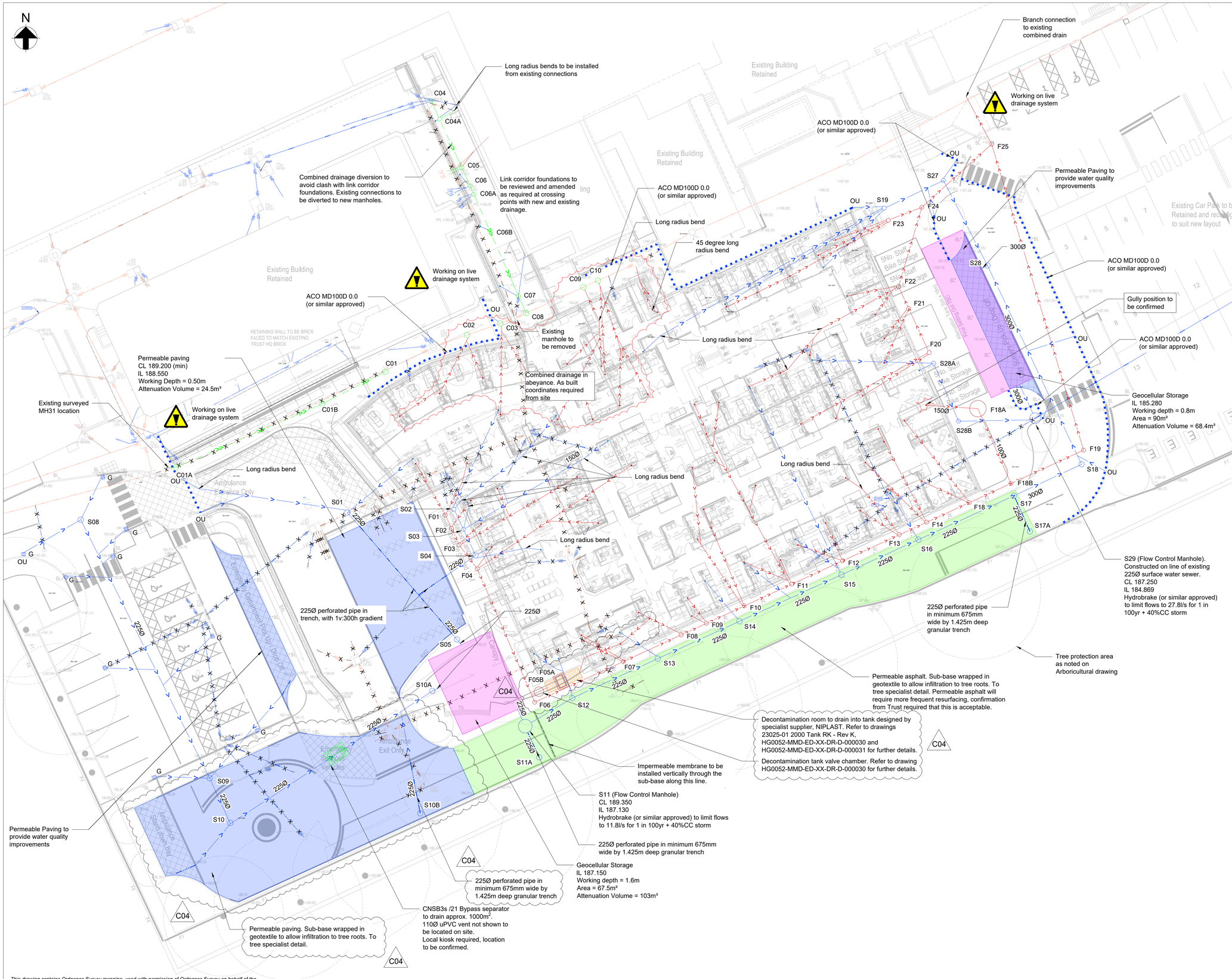

Notes

1. Do not scale from this drawing. If in doubt, please ask.
2. Levels in metres above ordnance datum (mAOD).
3. Proposed drainage designed in accordance with Building Regulations Part H and Sewerage Sector Guidance (SSG) Appendix C.
4. Existing services based on GR12551-UU-DR Underground Utilities Survey Drainage Survey
5. Pipe bedding to be Type 'S' unless pipe cover is less than 1.2m; whereupon concrete surround shall be used.
6. Minimum buried under slab foul and surface water gradients to be 1v:40h and 1v:100h respectively.
7. Foul and surface water branch connection require final coordination with foundations. Invert levels of pipework may need minor amendments. Top of foundation levels may also need to be dropped in places.
8. Class II interceptor or additional SuDS features required to treat runoff from access road.
9. Refer to manhole schedule for further manhole details including invert levels and cover levels.
10. RWP & SVP locations based on M&E Revit model (220215 FloorPlan-LEVEL00-AboveGroundDrainageServicesWIP-lowlevel - new arch) dated 15.02.2022.
11. Roof drainage to be a gravity based system.
12. Existing topographical survey not shown for clarity.
13. All underslab foul pipes 100Ø, all other foul pipe diameters to be 150Ø. Surface water pipe diameters 100Ø below slab, 150Ø elsewhere unless noted otherwise.
14. This drawing is a final construction issue drawing not an as built drawing.

Key to symbols

- Existing Surface Water
- Existing Foul Water
- Existing Combined Water
- Proposed Foul Water
- Proposed Surface Water
- Proposed Combined Water Diversion
- Proposed Linear Drainage
- Proposed Perforated Pipe
- Drainage to be Abandoned
- OU — Linear Drainage Outlet Unit
- Rainwater Pipe
- SVP
- Proposed Geocellular Storage
- Proposed Permeable Paving
- Proposed Permeable Asphalt
- Proposed Surface Water Manhole
- Proposed Foul Water Manhole
- Proposed Combined Water Manhole
- Proposed Decontamination Tank Location
- G — Proposed Road Gully

Reference drawings

HG0052-IBI-ED-XX-PL-L-700001 IBI External Works Plan
HG0052-MMD-ED-FN-DR-S-000230 Foundation General Arrangement Sheet 1 of 2
HG0052-MMD-ED-FN-DR-S-000231 Foundation General Arrangement Sheet 2 of 2
HG0052-MMD-ED-ZZ-DR-S-001002 Link Corridor General Arrangement
220215 FloorPlan-LEVEL00-AboveGroundDrainageServicesWIP-lowlevel - new arch
GR12551-UU-DR Underground Utilities Survey Drainage Survey
55810_02 Topographical Survey
HG0052-MMD-ED-XX-DR-D-000011 - Drainage Construction Details Sheet 1 of 3
HG0052-MMD-ED-XX-DR-D-000012 - Drainage Construction Details Sheet 2 of 3
HG0052-MMD-ED-XX-DR-D-000013 - Drainage Construction Details Sheet 3 of 3
16285e ME Rev 2 Arboricultural Implications Plan
HG0052-MMD-ED-XX-DR-D-000030 Decontamination Tank GA
HG0052-MMD-ED-XX-DR-D-000031 Decontamination Tank Vent Pipework GA

Rev	Date	Drawn	Description	Ch'k'd	App'd
C04	08/08/2023	JLW	Final Construction Issue	AJP	AS
C03	16/02/2022	JLW	Main Works	AJP	YH
C02	28/01/2022	JLW	Discharge of Planning Conditions	AJP	YH
C01	22/10/2021	JLW	Enabling Works	AJP	YH

Status Stamp

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Client

Calderdale and Huddersfield NHS Foundation Trust

Title

Huddersfield Royal Infirmary
Emergency Department
Drainage Masterplan

Designed	J Lea-Wilson	JLW	Eng check	A Precious	AJP
Drawn	J Lea-Wilson	JLW	Coordination	A Precious	AJP
Dwg check	A Precious	AJP	Approved	A Dhorat	AD

MMD Project Number	Scale at A1	Security
102983	1:200	STD

Suitability Description	Suit. Code
Suitable for Construction	A5

Drawing Number	Revision
HG0052-MMD-ED-XX-DR-D-000001	C04