

Health & Safety Information

In Addition to the Hazards/Risks normally associated with the types of work detailed on this drawing, note the following and refer to D4S Risk Assessment

Construction.

Maintenance/Cleaning/Operation.

Decommissioning/Demolition.

Notes

1. This drawing should be read in conjunction with all relevant architect, landscape architect, engineer and specialist drawings and specifications.
2. Do not scale from this drawing. Work to figured dimensions only.
3. Any discrepancy shall be referred to the designer before work commences.
4. All dimensions are in millimetres unless otherwise stated.
5. This drawing is based on:
   - Topographical survey Drg. No. 03 Dewsbury Topo A_USP;
   - Utilities report DRG. No. 04 Dewsbury Topo A_USP.
7. Architect responsible for setting out, levels and finishes.
8. Proposed services to be coordinated with drainage layout.
9. It is the contractor's responsibility to check and verify the location and levels of all services and drainage prior to work commencement. Any discrepancy and/or unrecorded services located during the works must be carefully recorded. All relevant information should be provided to the CDM Coordinator and the engineer prior to agreeing a course of action.
10. Contractor responsible for the design, installation and maintenance of all necessary temporary works to ensure the strength and stability of the building/s throughout the course of the works.
11. Contractor responsible for obtaining all necessary approvals before work commences.
12. All existing redundant drainage manholes/chambers and/or pipes to be capped off and filled with mass concrete.
13. All drainage to be installed in accordance with Building Regulations Part H and NHBC Guidance.
14. All connections at manholes/chambers to be made soffit to soffit unless specified otherwise. Refer to manhole schedule for details.
15. All drainage pipe to be 100mm diameter unless specified otherwise. Where not noted, minimum gradients to be as follows:
    - 100mm DIA @ 1/40 for foul water drainage or 1/100 for surface water drainage;
    - 150mm DIA @ 1/100 for foul water drainage or 1/150 for surface water drainage.
15. All internal drainage pipes to have above ground rodding access for maintenance.
16. Where pipe soffit level under buildings is less than 600mm below the bottom of the concrete slab, cast iron pipes with concrete surround should be used.
17. Where pipes are to be cast into the concrete foundation, a minimum 150mm of concrete is to be maintained between the outside of the pipe and the top or bottom reinforcement of the foundation.
18. Rocker pipes to be provided at every interface with structures/manholes/inspection chamber etc.
19. All proprietary products/systems to be verified by manufacturer and installed in accordance with the manufacturer's specifications and details.

For porposed drainage drawings refer to:
10060-D4S-XX-XX-DR-C-1000 (SHEET 1),
10060-D4S-XX-XX-DR-C-1010 (SHEET 2),
10060-D4S-XX-XX-DR-C-1020 (SHEET 3),
10060-D4S-XX-XX-DR-C-1200 ,
10060-D4S-XX-XX-DR-C-1500

For proposed drainage diversion works refer to:
10060-D4S-XX-XX-DR-C-2000 (SHEET 1),
10060-D4S-XX-XX-DR-C-2010 (SHEET 2),
10060-D4S-XX-XX-DR-C-2200

LEGEND

- PROPOSED ATTENUATION STORAGE
- PROPOSED SURFACE WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE MANHOLE
- PROPOSED SURFACE WATER CHANNEL DRAIN
- PROPOSED FOUL WATER PIPE
- PROPOSED FOUL WATER DRAINAGE MANHOLE
- DRAINAGE PIPE TO BE CAST IN THE GROUND BEAM
- EXISTING SURFACE WATER DRAINAGE
- EXISTING FOUL WATER DRAINAGE
- EXISTING COMBINED WATER DRAINAGE
- EXISTING DRAINAGE MANHOLE
- FW PROPOSED FOUL WATER DRAINAGE MANHOLE
- SW PROPOSED SURFACE WATER DRAINAGE MANHOLE
- SWDIV SURFACE WATER DIVERSION
- FWDIV FOUL WATER DIVERSION
- RWP PROPOSED RAINWATER PIPE
- FG PROPOSED FLOOR GULLY
- SO PROPOSED CHANNEL SUMP OUTLET
- SS PROPOSED STUB STACK
- SVP PROPOSED SOIL VENT PIPE

Rev	Date	Description	Drn	Chk	Apd
P5	21/09/2023	UPDATED DRAINAGE WITH REVISED FOUNDATIONS	JK	CE	ALC
P4	17/08/2023	MINOR UPDATES. DRAFT	JK	CE	ALC
P3	13/07/2023	UPDATED DRAWING FOR LLFA REPSONE, MINOR CHANGES	JK	CE	ALC
P2	07/07/2023	ISSUED FOR STAGE 4	JK	CE	ALC
P1	17/04/2023	ISSUED FOR INFORMATION	JK	ALC	ALC

Key Plan



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Client
DARWIN GROUP LTD

Project
Dewsbury and Distric Hospital
- Theatre and Outpatient Complex

STAGE 4

Drawing Title
PROPOSED DRAINAGE LAYOUT
SHEET 2

Date	Scale @A1 - @A3	Drawn By	Checked	Approved
11/04/2023	1:100	JK	ALC	ALC

Drawing No.
10060-D4S-XX-XX-DR-C-1010

Revision
P5