

Below Ground Drainage QA (L017)

Form Reference	F1.4045127
Owned By	Louie Barlow (Heyrod Construction Ltd)
Date	12/11/2024 10:40:30
Status	Closed
Project Name	L017 - Premier Inn Manchester
Location	Zone 2>Foul Water>Below Ground Drainage>Substructure>Site QA

Form Location	Zone 2
---------------	--------

Test & Inspection Plan

#	Check Item	Subcontractor Yes / No	Document attached to this form?
1	ITAP agreed and in place	Yes	Yes

#	Document Name	Created By	Date
1	OF-17-02-026-Below Ground Drainage ITAP (1).docx	Word	Louie Barlow (Heyrod Construction Ltd) 15/04/2025 07:46:34

Prepare & Plan

#	Check Item	No. & Revision
1	Confirm current Specification	L017-CIV-15-EX.00-T-C-000007

#	Check Item	Doc / DWG / Spec (Photo)
1	Confirm current Specification	Status Selected by or on behalf of GMI Lead Approver: 07/11/2024  Job Title 25 Rochdale Road Report Type R12 Below Ground Drainage Specification Prepared for GMI Construction Date 10 September 2024

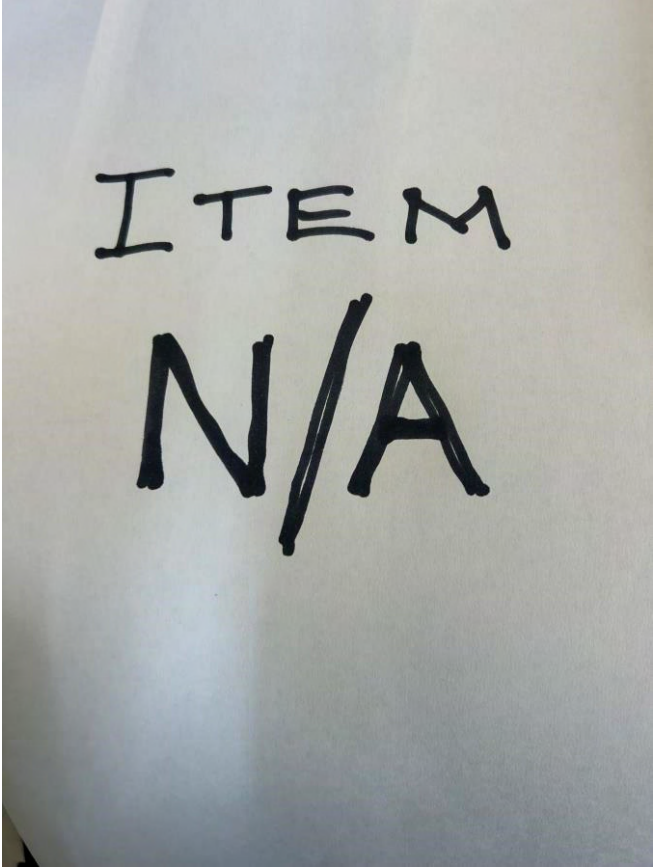
L017-CIV-15-EX.00-T-C-000007
C02[25/11/2024 09:04:49](#)

#	Check Item	Comments	Subcontractor Check	GMI Check
1	Confirm current Specification		Jonny Gillespie	Elizabeth Dillon

#	Check Item	Comments	Subcontractor Check	GMI Check
2	Confirm current Drawing		Jonny Gillespie	Elizabeth Dillon

Pre Commencement Checks 1

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check Building Control, Adopting Authority and the Environmental Regulator have no adverse comments on the Structural Engineers drawings and specification - ATTACH EVIDENCE (Correspondence)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Check Building Control, Adopting Authority and the Environmental Regulator have no adverse comments on the Structural Engineers drawings and specification - ATTACH EVIDENCE (Correspondence)	 ITEM N/A 15/04/2025 07:39:11

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check Building Control, Adopting Authority and the Environmental Regulator have no adverse comments on the Structural Engineers drawings and specification - ATTACH EVIDENCE (Correspondence)	Building control has no issues	Yes	Yes

Pre Commencement Checks 2

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Camera survey of existing drainage carried out - ATTACH EVIDENCE (Survey / Video Records)	Yes	Survey

#	Check Item	Evidence Attached (Photo)
1	Camera survey of existing drainage carried out - ATTACH EVIDENCE (Survey / Video Records)	 All checked drain footage File folder 16/04/2025 14:57:52

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Camera survey of existing drainage carried out - ATTACH EVIDENCE (Survey / Video Records)	CCTV footage attached into documents	Yes	Yes

Pre Commencement Checks 3

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check that a Temporary Works design has been carried out to deeper excavations and that the required shoring equipment is available - ATTACH EVIDENCE (Temporary Works Register)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Check that a Temporary Works design has been carried out to deeper excavations and that the required shoring equipment is available - ATTACH EVIDENCE (Temporary Works Register)	 15/04/2025 07:40:06  15/04/2025 07:40:07

Table photo limit reached.
1 remaining.

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that a Temporary Works design has been carried out to deeper excavations and that the required shoring equipment is available - ATTACH EVIDENCE (Temporary Works Register)	Shallow drainage no shoring equipment needed	Yes	Yes

Pre Commencement Checks 4

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check that arrangements are in place for dealing with groundwater - ATTACH EVIDENCE (Correspondence / discharge license)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Check that arrangements are in place for dealing with groundwater - ATTACH EVIDENCE (Correspondence / discharge license)	23/04/2025 10:21:25

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that arrangements are in place for dealing with groundwater - ATTACH EVIDENCE (Correspondence / discharge license)	Water pump on site if required. No issues with groundwater	Yes	Yes

Pre Commencement Checks 6

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Ensure permit to break ground is in place	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Ensure permit to break ground is in place	16/04/2025 14:13:30

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Ensure permit to break ground is in place	Permits opened on permit register	Yes	Yes

HOLD POINT - Sign off required before proceeding

#	Check Item	Subcontractor Signature	GMI Signature
1	Have all of the above been completed and signed off before proceeding?	M.Brady (Heyrod Construction Ltd) 17/04/2025 15:14:02	E.Dillon (GMI Construction) 23/04/2025 10:27:11

Testing Checks 1

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check that the air test carried out to the drainage run is accepted by Building Control - ATTACH EVIDENCE (Records)	Yes	Testing, Photo

#	Check Item	Evidence Attached (Photo)
1	Check that the air test carried out to the drainage run is accepted by Building Control - ATTACH EVIDENCE (Records)	 16/04/2025 14:16:33

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that the air test carried out to the drainage run is accepted by Building Control - ATTACH EVIDENCE (Records)		Yes	Yes

Testing Checks 2

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Water test to pipe runs and manholes - ATTACH EVIDENCE (Records)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Water test to pipe runs and manholes - ATTACH EVIDENCE (Records)	

[17/04/2025 15:12:31](#)

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Water test to pipe runs and manholes - ATTACH EVIDENCE (Records)	Water tests complete throughout installation of drainage	Yes	Yes

Testing Checks 3

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check pipe gradient/falls are line and level. Agree frequency of checks with S/C - ATTACH EVIDENCE (Records)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Check pipe gradient/fall is are line and level. Agree frequency of checks with S/C - ATTACH EVIDENCE (Records)	 FWMH01 - FWMH02 26/11/2024 11:50:15

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check pipe gradient/falls are line and level. Agree frequency of checks with S/C - ATTACH EVIDENCE (Records)	Pipe work installed with pipe laser set to correct gradient	Yes	Yes

Testing Checks 4

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check all pipework and manholes are correct material & size and are secured to prevent unwanted debris	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Check all pipework and manholes are correct material & size and are secured to prevent unwanted debris	 25/11/2024 09:20:28  25/11/2024 09:20:32

Table photo limit reached.
1 remaining.

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check all pipework and manholes are correct material & size and are secured to prevent unwanted debris	Correct pipe installed	Yes	Yes

Testing Checks 5

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check that the Structural Engineer/Building Control have no remaining issues and that the CCTV survey carried out to the installation is made available to both	Yes	Survey

#	Check Item	Evidence Attached (Photo)
1	Check that the Structural Engineer/Building Control have no remaining issues and that the CCTV survey carried out to the installation is made available to both	 All checked drain footage File folder 16/04/2025 15:00:26

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that the Structural Engineer/Building Control have no remaining issues and that the CCTV survey carried out to the installation is made available to both		Yes	Yes

Testing Checks 6

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Ensure that none of the bungs used for testing have been left in place. This is a recurring issue and has to be checked for all runs	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Ensure that none of the bungs used for testing have been left in place. This is a recurring issue and has to be checked for all runs	 FWMH01 - FWMH02 25/11/2024 09:23:26

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Ensure that none of the bungs used for testing have been left in place. This is a recurring issue and has to be checked for all runs	All stoppers removed from pipes	Yes	Yes

Testing Checks 7

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check pipe bed material, initial backfill material & main backfill material & that the materials have been placed in layers & compacted as per the spec - ATTACH EVIDENCE(Delivery note/Trench filling)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Check pipe bed material, initial backfill material & main backfill material & that the materials have been placed in layers & compacted as per the spec - ATTACH EVIDENCE(Delivery note/Trench filling)	 25/11/2024 09:22:08  25/11/2024 09:22:11

Table photo limit reached.
3 remaining.

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check pipe bed material, initial backfill material & main backfill material & that the materials have been placed in layers & compacted as per the spec - ATTACH EVIDENCE(Delivery note/Trench filling)	Correct pipe bedding used and pipes surrounded in concrete	Yes	Yes

HOLD POINT - Sign off required			
#	Check Item	Subcontractor Signature	GMI Signature
1	Have all of the above been completed and signed off before proceeding?	M.Brady (Heyrod Construction Ltd) 17/04/2025 15:14:12	E.Dillon (GMI Construction) 23/04/2025 10:27:46
Closure			

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Works adequately protected	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Works adequately protected	 09/12/2024 08:10:05  09/12/2024 08:10:06

Table photo limit reached.
2 remaining.

#	Check Item	Comments	GMI Yes / No / N/A
1	Works adequately protected		Yes

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
2	Work area cleaned	Yes	Photo

#	Check Item	Evidence Attached (Photo)
2	Work area cleaned	 09/12/2024 08:10:19  09/12/2024 08:10:20

Table photo limit reached.
2 remaining.

#	Check Item	Comments	GMI Yes / No / N/A
2	Work area cleaned		Yes

Summary Comments	
Contractor Sign Off	

Mark Brady (Heyrod Construction Ltd)

23/04/2025 10:20:13

Date & Time	12/11/2024 10:40:30
GMI Final Sign Off	

Elizabeth Dillon (GMI Construction)

23/04/2025 10:27:56

Date & Time.	12/11/2024 10:40:30
--------------	---------------------

Images



[16/04/2025 16:59:28](#)



[16/04/2025 16:59:30](#)



[23/04/2025 16:02:50](#)



[23/04/2025 16:02:51](#)



[23/04/2025 16:02:52](#)



[23/04/2025 16:02:53](#)



[23/04/2025 16:02:54](#)



[23/04/2025 16:02:55](#)



[23/04/2025 16:02:56](#)



[23/04/2025 16:02:57](#)



[23/04/2025 16:02:58](#)



[23/04/2025 16:02:59](#)



[23/04/2025 16:02:59](#)



[23/04/2025 16:03:00](#)



[23/04/2025 16:03:01](#)



[23/04/2025 16:03:02](#)



SWMH02 -
Attenuation Tank

[23/04/2025 16:03:03](#)



[23/04/2025 16:03:03](#)



[23/04/2025 16:03:14](#)



[23/04/2025 16:03:28](#)



[23/04/2025 16:03:35](#)



[23/04/2025 16:03:47](#)



[23/04/2025 16:03:57](#)



[23/04/2025 16:04:02](#)



23/04/2025 16:04:07

Document Name	Type	Created By	Date
FWMH02 - FWMH01.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 14:59:36
SVP 2 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:04:27
SVP 5 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:04:35
SVP 6 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:04:47
SVP 7 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:04:55
SVP 11 - FWMH01.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:05:04
FG 3 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:05:22
SVP 4 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:05:30