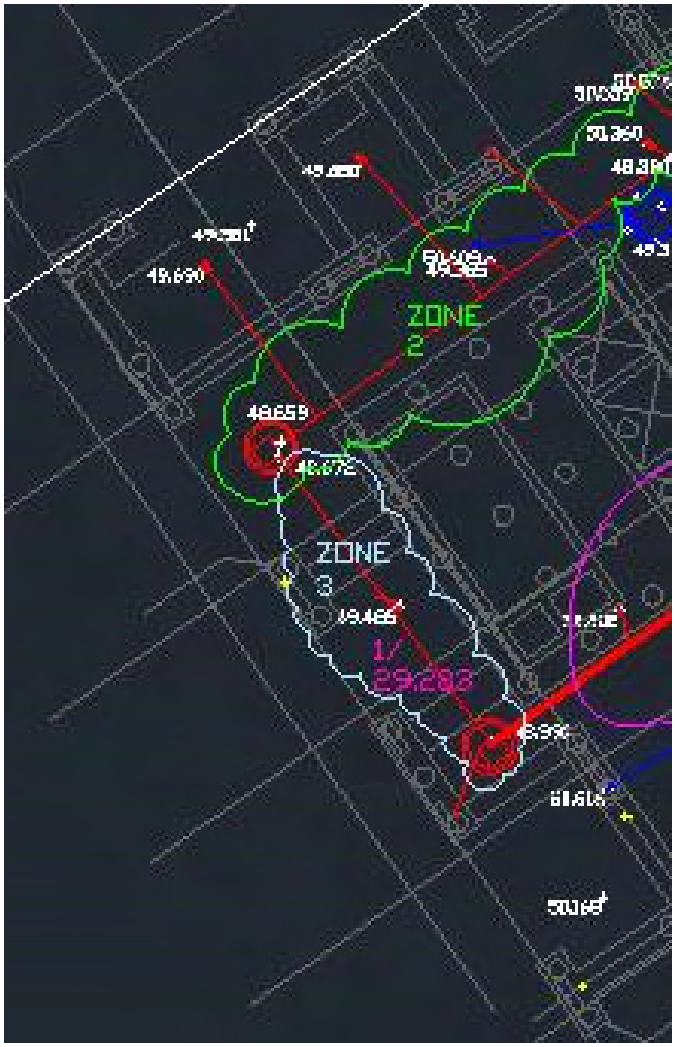
Below Ground Drainage QA (L017)

Form Reference	F1.4045135
Owned By	Louie Barlow (Heyrod Construction Ltd)
Date	12/11/2024 10:42:03
Status	Closed
Project Name	L017 - Premier Inn Manchester
Location	Zone 3>Foul Water>Below Ground Drainage>Substructure>Site QA

Form Location	Zone 3

Images



22/04/2025 16:24:51

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 07:47:02

Prepare & Plan

#	Check Item	No. & Revision
1	Confirm current Specification	L017-CIV-15-EX.00-T-C-000007
2	Confirm current Drawing	L017-CIV-15-EX.00-D-C-100000

#	Check Item	Doc / DWG / Spec (Photo)
1	Confirm current Specification	Status Selected by or on behalf of GMI Lead Approver: 07/11/2024

Civic Engineers

Job Title
25 Rochdale Road

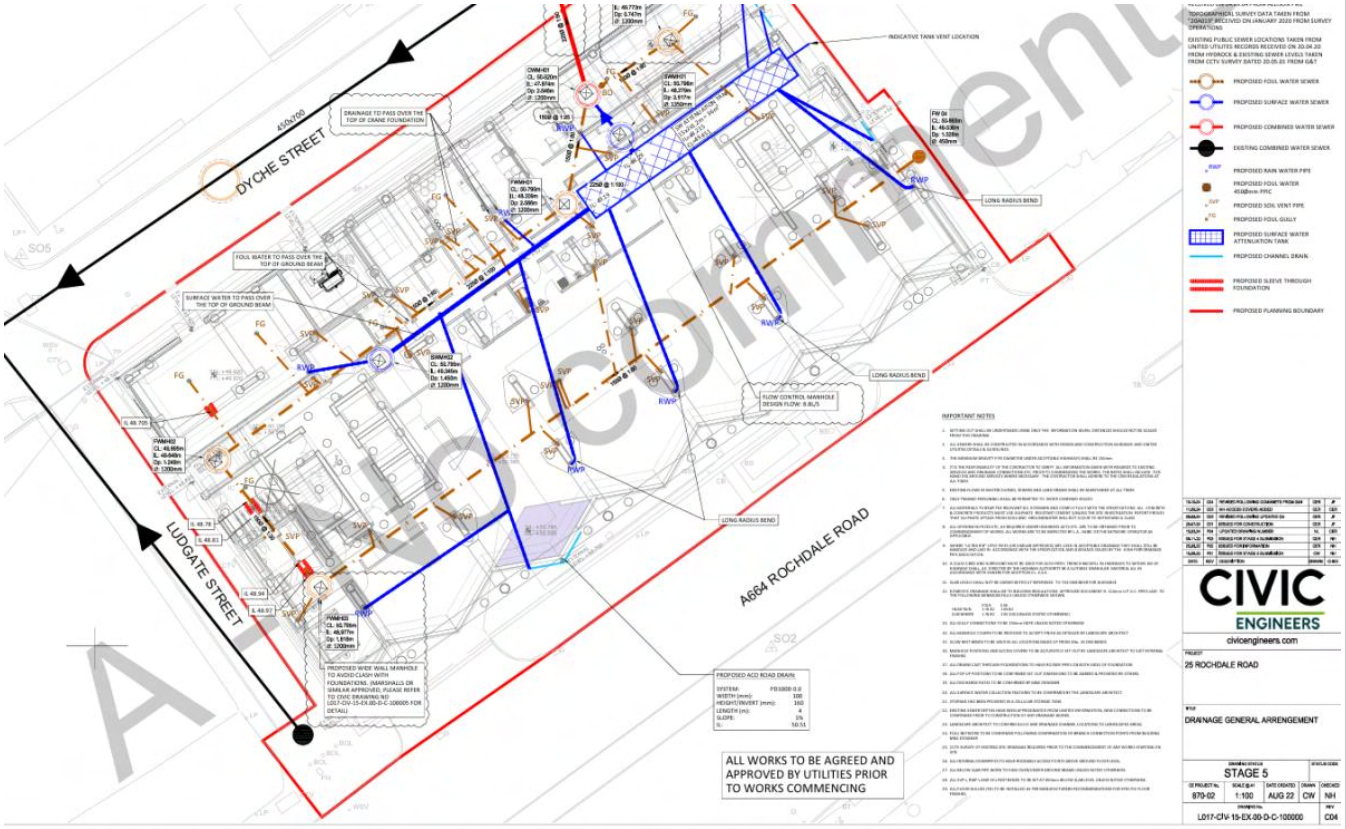
Prepared for
GMI Construction

Report Type
R12 Below Ground Drainage Specification

Date
10 September 2024

L017-CIV-15-EX.00-T-C-000007
C02

18/11/2024 10:06:05

#	Check Item	Doc / DWG / Spec (Photo)
2	Confirm current Drawing	

AI No comments

#	Check Item	Comments	Subcontractor Check	GMI Check
1	Confirm current Specification		Mark Brady	Paul Buckley
2	Confirm current Drawing		Mark Brady	Paul Buckley

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	N/A

#	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)	 18/11/2024 10:12:16

#	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)	pictures set to B.c in absence of any visits	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

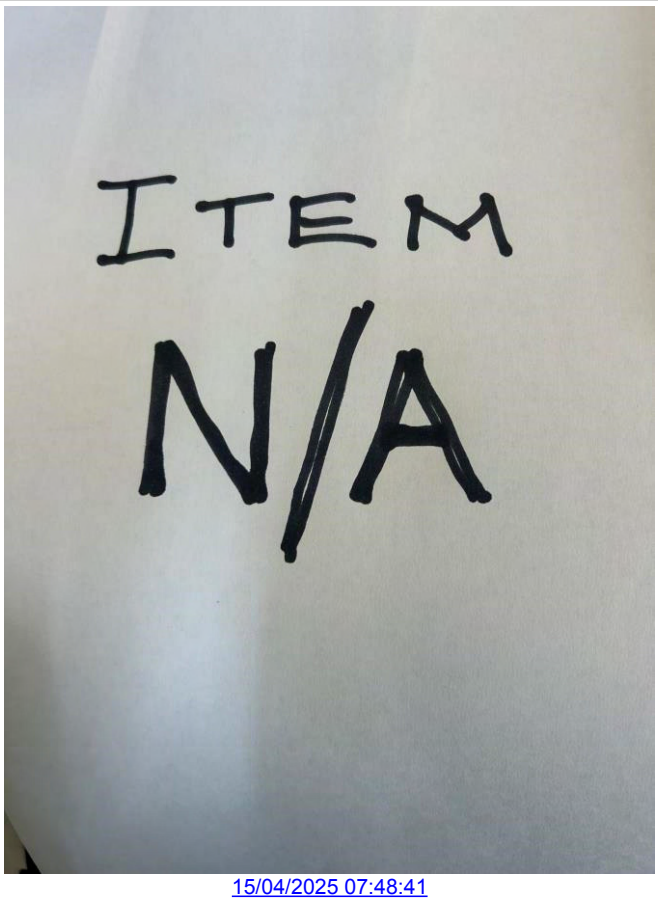
#	Check Item	Evidence Attached (Photo)
1	Camera survey of existing drainage carried out - ATTACH EVIDENCE (Survey / Video Records)	All checked drain footage File folder 16/04/2025 15:13:29

#	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)	see attached documents	Yes	Yes

#	Document Name	Created By	Date	
1	FWMH03 - FWMH02.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:14:33

Pre Commencement Checks 3

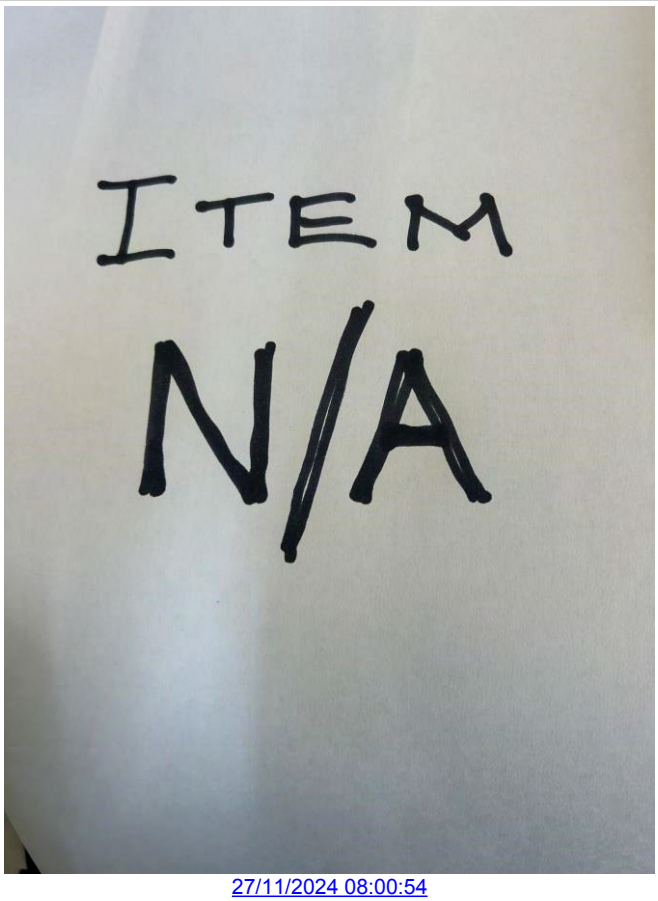
#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Check that a Temporary Works design has been carried out to deeper excavations and that the required shoring equipment is available - ATTACH EVIDENCE (Temporary Works Register)	Yes	Photo

#	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 07:48:41

#	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)	No shoring equipment required	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	N/A

#	Check Item	Evidence Attached (Photo)
1	Check that arrangements are in place for dealing with groundwater - ATTACH EVIDENCE (Correspondence / discharge license)	 27/11/2024 08:00:54

#	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)	No issues with groundwater. Water pump onsite in case there is any need to get rid of 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	23/04/2025 10:23:44

#	Check Item	Comments	GMI Yes / No / N/A	All required evidence attached
1	Ensure permit to break ground is in place	All permits on permits 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) 23/04/2025 10:27:41	E.Dillon (GMI Construction) 23/04/2025 10:29:02

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	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 15:11:37

#	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)	Air tests being carried out,	Yes	Yes

Testing Checks 2

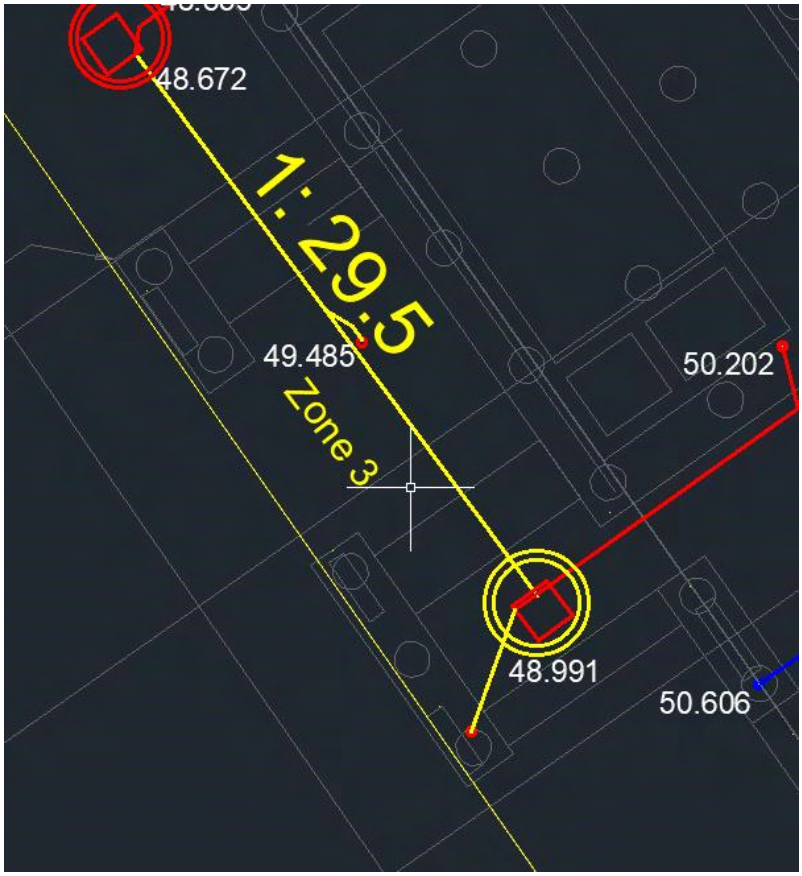
#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)
1	Water test to pipe runs and manholes - ATTACH EVIDENCE (Records)	Yes	Photo

#	Check Item	Evidence Attached (Photo)
1	Water test to pipe runs and manholes - ATTACH EVIDENCE (Records)	23/04/2025 10:24:11

#	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 done as drainage is installed.	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/falls are line and level. Agree frequency of checks with S/C - ATTACH EVIDENCE (Records)	 26/11/2024 11:29:20  26/11/2024 11:29:55

#	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)	Level shows fall on the pipe	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	 26/11/2024 11:30:15 26/11/2024 11:30:20 Table photo limit reached. 4 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 size plastic pipe installed and concreted in to prevent in moving	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 15:09:45

#	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

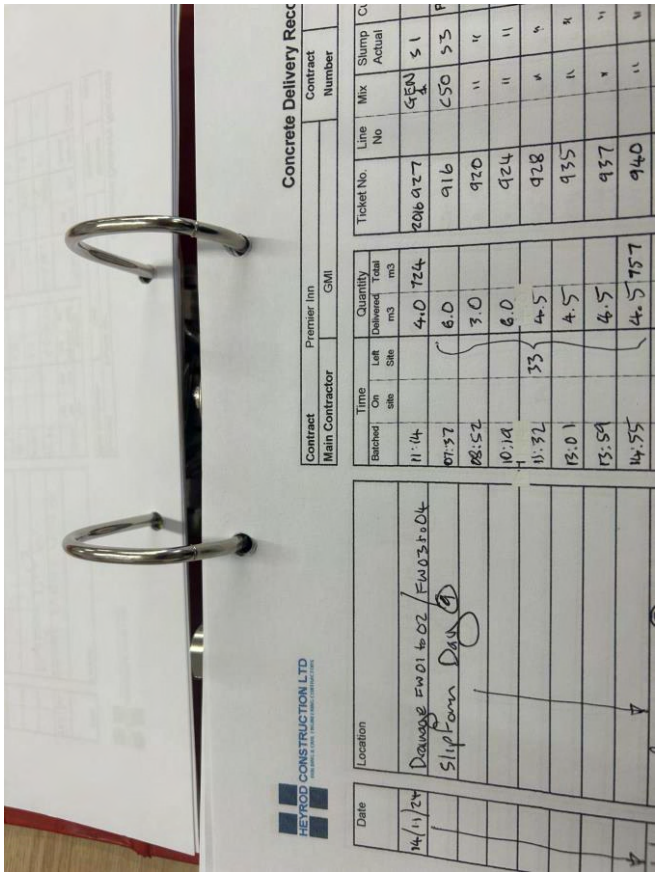
#	Check Item	Evidence Attached (Photo)
1	Ensure that none of the bungs used for testing have been left in place. This is a recurring issue and has to be checked for all runs	26/11/2024 11:33:07 26/11/2024 11:33:18

#	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	Stoppers removed from pipes between manholes	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)	



26/11/2024 11:11:31

26/11/2024 11:34:05

Table photo limit reached.

1 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)	Area backfilled with ground dug up for the excavation Drainage concrete delivery record attached	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) 23/04/2025 10:24:46	E.Dillon (GMI Construction) 23/04/2025 10:29:30

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	 23/04/2025 10:27:24 23/04/2025 10:27:24

#	Check Item	Comments	GMI Yes / No / N/A
1	Works adequately protected	Manhole rings placed and covered with a lid. Area over the pipes covered in concrete and backfilled to prevent damage	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	 23/04/2025 10:27:07 23/04/2025 10:27:07

#	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 10:24:57

Date & Time	12/11/2024 10:42:03
GMI Final Sign Off	

Elizabeth Dillon (GMI Construction)

23/04/2025 10:29:38

Date & Time.	12/11/2024 10:42:03

Images

16/04/2025 17:00:14

16/04/2025 17:00:59

Document Name	Type	Created By	Date
FWMH03 - FWMH02.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:12:56
SVP 27 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:16:37
SVP 28 - CARRIER.avi	Unknown	Louie Barlow (Heyrod Construction Ltd)	16/04/2025 15:16:43