

Manholes & Chambers QA - L025

Form Reference	F311687.5
Owned By	Harry Noon (Adana Construction)
Date	15/05/2023 14:09:44
Status	In Progress
Project Name	L025 - Citylabs 4.0
Location	FMH2>Drainage & Manholes>Substructure>Site QA

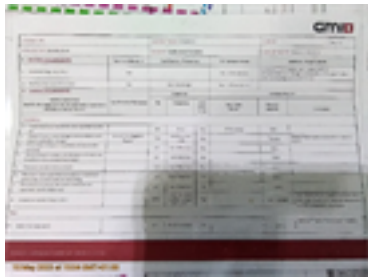
Form Location	FMH2
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Test & Inspection Plan

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

Images

#1



[15/05/2023 14:10:04](#)



[15/05/2023 14:10:04](#)

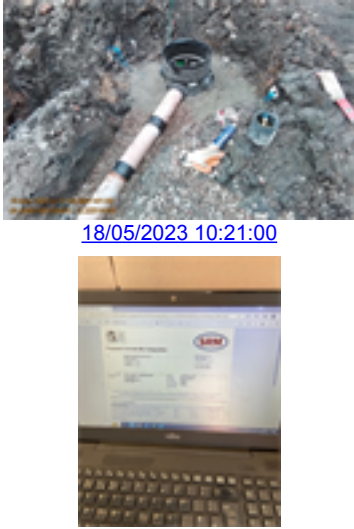
Prepare & Plan

#	Check Item	No. & Revision	Doc / DWG / Spec (Photo)	Comments	Subcontractor Check	GMI Check
1	Confirm current Specification	P01CIV-SPEC-001	 09/06/2023 13:39:42  09/06/2023 13:39:42			
2	Confirm current Drawing	L025-ARU-90-01.00-D-C-001003	 09/06/2023 13:39:53			

Installation Checks 1

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check and record the excavation size and depth and adequacy of shoring - ATTACH EVIDENCE (Marked up drawing)	Yes	Photo	 09/06/2023 14:38:26  12/06/2023 12:36:15  12/06/2023 12:36:16  12/06/2023 12:36:16  12/06/2023 12:36:16			

Installation Checks 2

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check the base construction is to the correct size and depth and the grade of concrete is as specified - ATTACH EVIDENCE (Delivery Notes)	Yes	Photo	 18/05/2023 10:21:00 09/06/2023 14:38:37			

Installation Checks 3

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that the channels are fully bedded and benched	N/A	N/A	 09/06/2023 14:38:59			

Installation Checks 4

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that the main channel has a fall and check the alignment of all channels and all branches are installed	Yes	N/A	 09/06/2023 14:39:12			

Installation Checks 5

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check the step irons are in line and access is achievable	N/A	N/A	 09/06/2023 14:39:31			

Installation Checks 6

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	For concrete ring shafts, check the size of the shaft, the thickness and concrete grade of the surround and that the specified joint strip or sealant between all ring joints	N/A	N/A	 09/06/2023 14:39:51			

Installation Checks 7

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that the cover slab/biscuit is fully bedded on to the shaft and that the access hole is aligned to suit step irons	N/A	N/A	 09/06/2023 14:40:03			

Installation Checks 8

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check that there is at least 2 courses of brickwork from the cover slab at the manhole cover and frame						

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?		

Testing Checks 1							
#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Carry out water seepage test to the manhole/chamber as per the specification - ATTACH EVIDENCE (Test Results)						

Testing Checks 2							
#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Obtain sign off for the manhole chamber from the Structural Engineer/Building Control - ATTACH EVIDENCE (Correspondence)	Yes	N/A				

Testing Checks 3							
#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	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 manholes	Yes	N/A	 09/06/2023 14:40:33			

Testing Checks 4

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check the backfill operation is carried out in accordance with the specification	Yes	N/A	  			

Testing Checks 5

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A	All required evidence attached
1	Check the cover is as specified i.e. suitable for the correct loading and is orientated correctly and to the correct level - ATTACH EVIDENCE (Delivery Notes & Marked up Drawing)	Yes	N/A				

HOLD POINT - Sign off required

#	Check Item	Subcontractor Signature	GMI Signature
1	Have all of the above been completed and signed off before proceeding?		

Closure

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

#	Check Item	Subcontractor Yes / No / N/A	Type of Evidence (Surveys / Certs / Testing)	Evidence Attached (Photo)	Comments	GMI Yes / No / N/A
2	Work area cleaned					
Summary Comments						
Contractor Sign Off						
Date & Time				15/05/2023 15:09:00		
GMI Final Sign Off						
Date & Time.				15/05/2023 15:09:00		
Form Status Audit Trail						
Status	Date	Signed By	Signature	Comments		
Not Started	15/05/2023 14:09:44	Harry Noon (Adana Construction)	_____			
In Progress	15/05/2023 14:09:48	Harry Noon (Adana Construction)	_____			