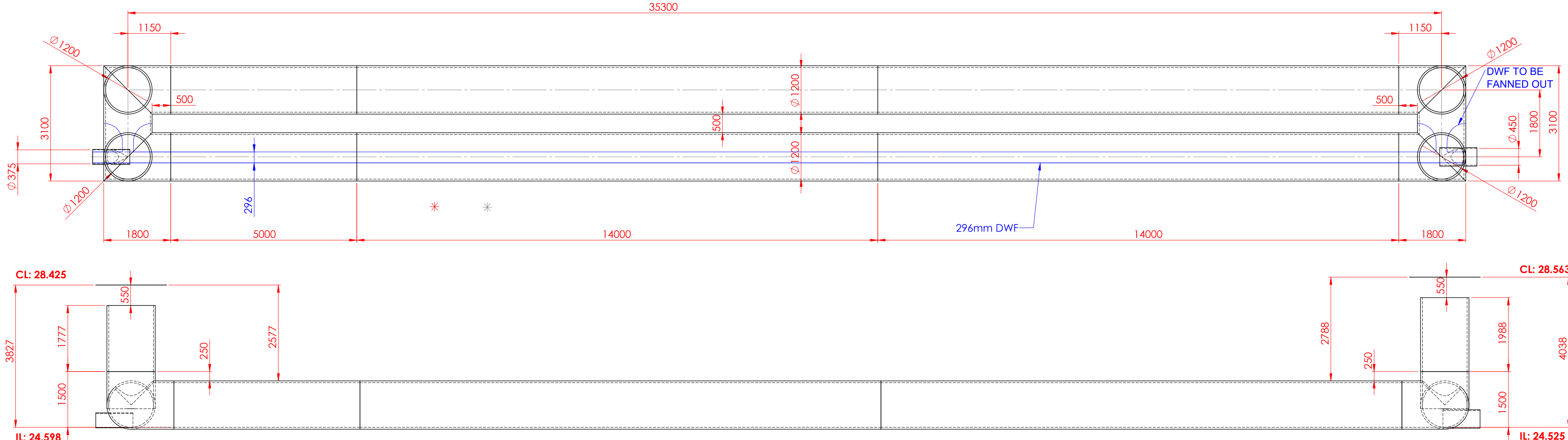
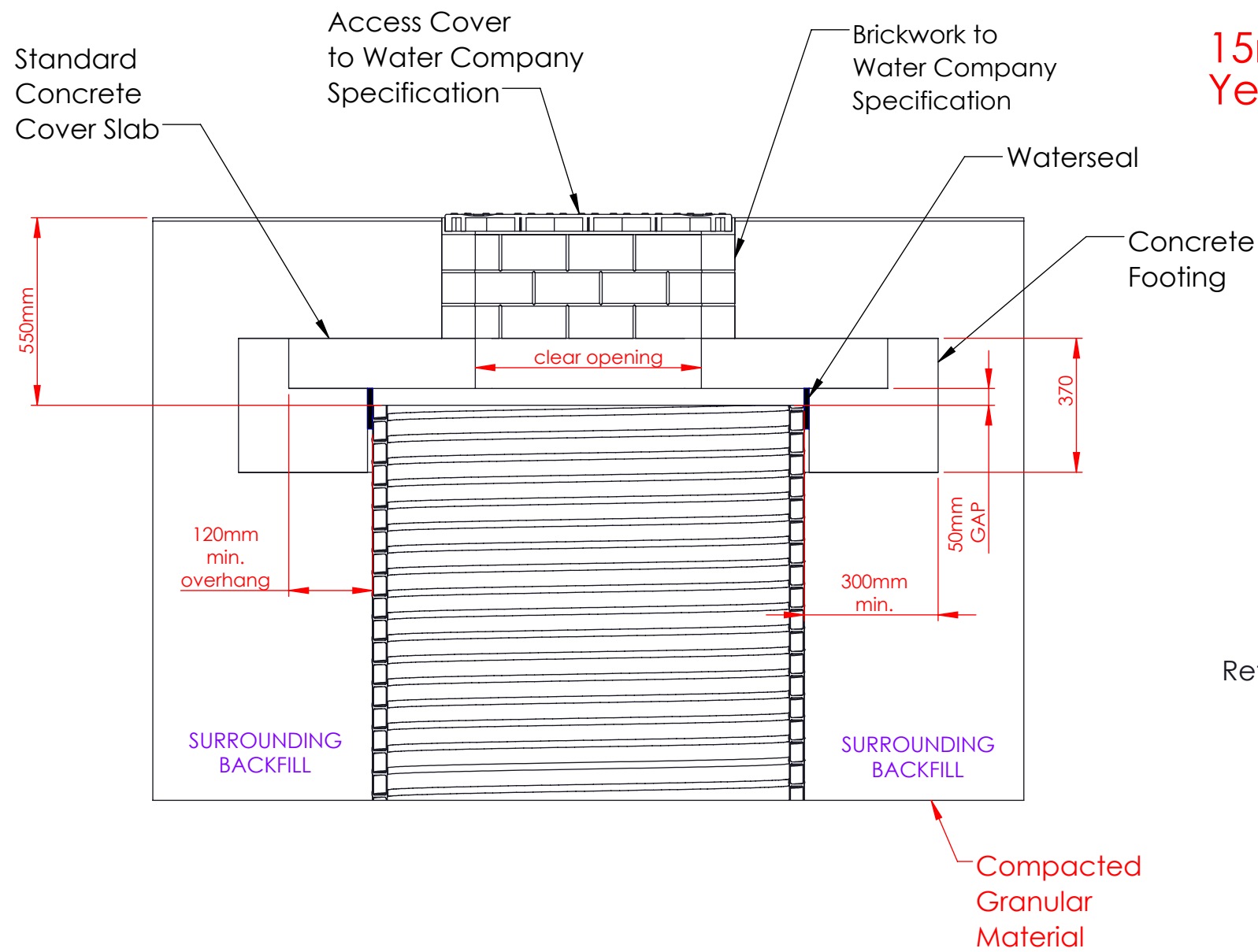


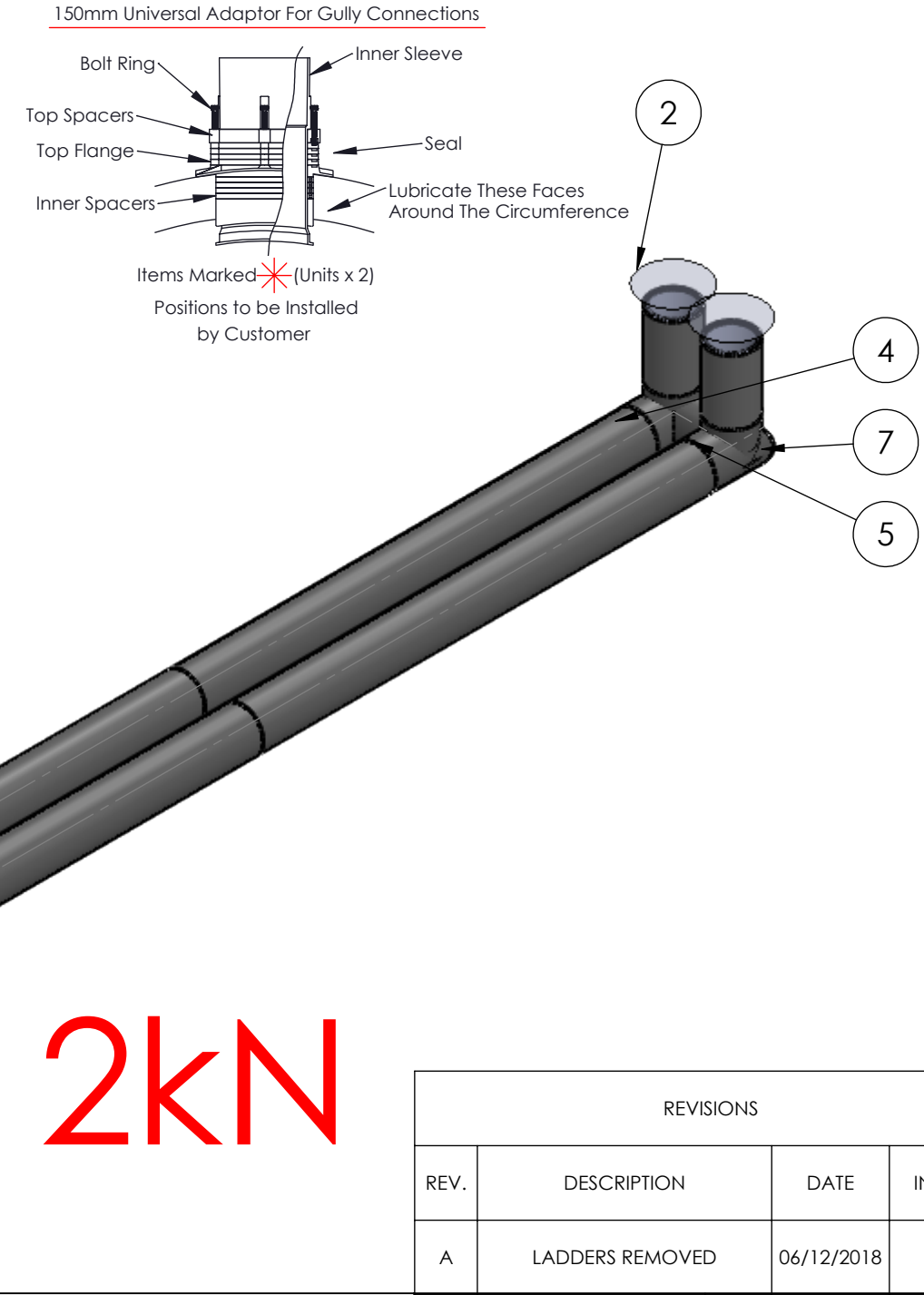
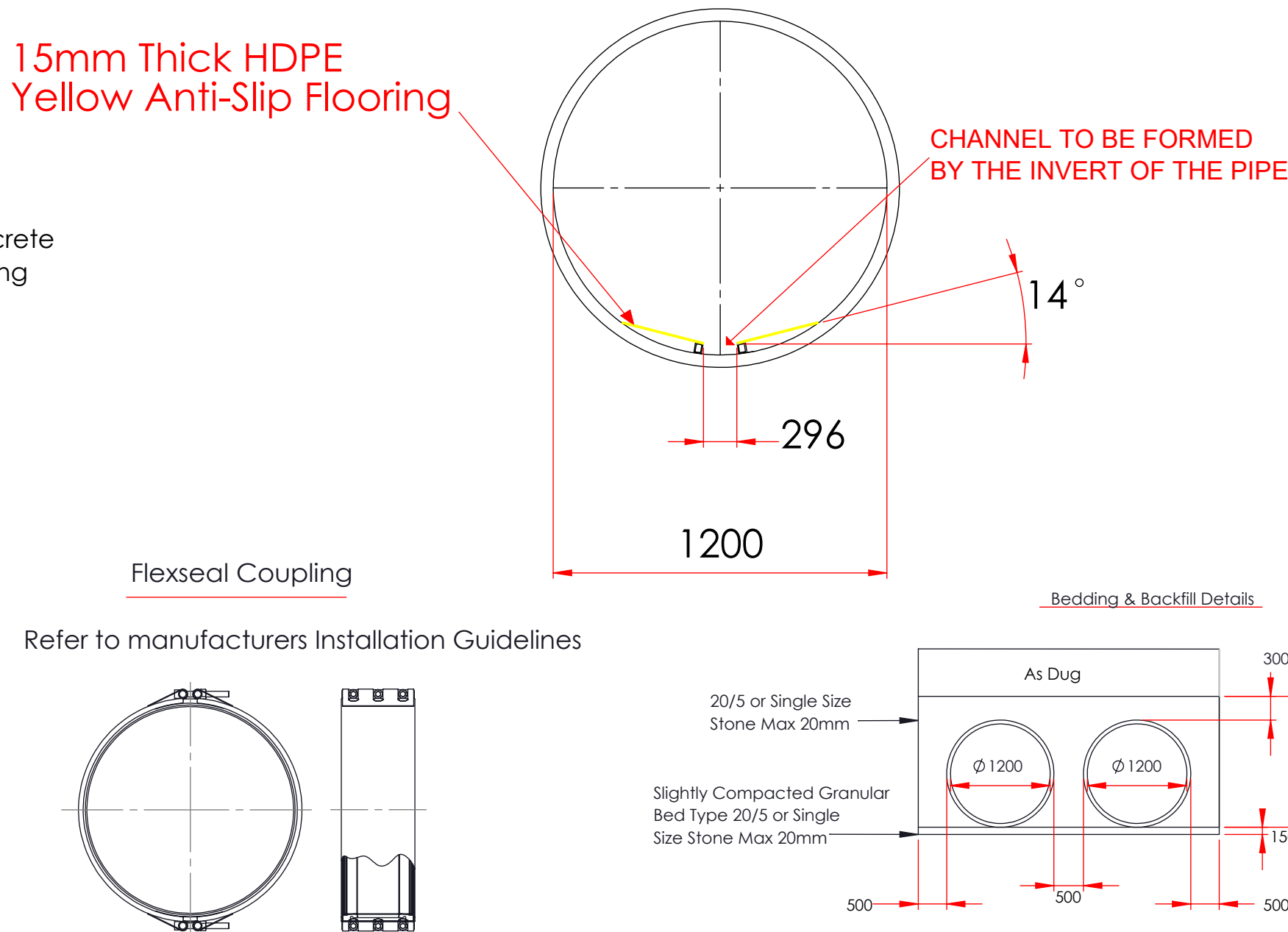
NB-H274-Bartons Road, Havant (1.005)



Manhole Detail



DRY WEATHER FLOW CHANNEL



2kN

BILL OF MATERIALS

ITEM NO.	DIAMETER	DESCRIPTION	LENGTH	QTY.	End Prep
1		DWF	36500		
2	ID 1200 (OD 1300)	Manhole	1988	2	
3	ID 1200 (OD 1300)	Manhole	1777	2	
4	ID 1200 (OD 1300)	Manifold	4100	2	
5	ID 1200 (OD 1300)	Straight Pipe	14000	4	
6	ID 1200 (OD 1300)	Straight Pipe	5000	2	
7	ID 1200 (OD 1300)	Stub	1000	4	
8	ID 450 (OD 501)	Stub	1000	1	
9	ID 375 (OD 401)	Stub	1000	1	

JOINTING DETAILS

[illegible]

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS
A	LADDERS REMOVED	06/12/2018	LD

DELIVERY ADDRESS:

SITE CONTACT:

VEHICLE:

--	--

AIR TESTING

TYPE OF LOSS:	
---------------	--

ELEYSEAL COUPLINGS:

SEALED BOX SECTIONS

NOTES:

This drawing and associated detail including any documents or files, proposal drawings, and associated information, drawings, and documents, may contain proprietary information and may contain privileged and/or confidential information and are intended only for the person for whom the drawing has been prepared. The drawing and associated information and documents are the exclusive confidential property of Asset International Limited. Copying, disclosure to others or other use is prohibited without the express written consent of Asset International Limited. Any third party is strictly prohibited from reading, using, disclosing, distributing or copying the drawing and all associated detail within it.

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3. This drawing shall be read in conjunction with all related documentation and standard details.

4. Dimensions shall not be scaled from this drawing. All dimensions shall be checked and approved in writing by the contractor before manufacture.

5. All dimensions are subject to manufacturing tolerances.

6. All gas welding to DVS 2209.

7. Pipes become the responsibility of the contractor as offloading commences.

INSTALLATIONS GUIDELINES

Single Leg:-

1. Bedding and backfill as specified by Asset International.
2. Ensure no voids in surround under haunches. Bedding and backfill either side as fill commences.
3. Backfill in 250mm layers parallel to structure, with correct compaction if compaction is required.
4. Care should always be taken when removing trench boxes/sheeting. Reference should be made to Design Manual for Roads and Bridges, Volume 4, Section 2, Part 5 HA 40/01 for the recommended sequence.
5. Do not allow construction equipment over the structure, without adequate protection for minimum 800mm of cover over the crown of the pipe and backfill area.

Multi Leg:-

1. Bulk Excavation to formation.
2. Bedding to be specified by Asset International.
3. Asset recommends installation from interconnecting section first. Pipe placement can then commence.
4. Place line and level pipes starting HDPE bands as you progress.
5. Gradual backfill operation tightening of the interconnecting end progressing as evenly as possible along the structure.
6. Backfill as per recommending method in pipe laying section of manual.
7. Backfill of suitable material to final formation can then take place.
8. Do not allow construction equipment over the structure, without adequate protection or minimum 500mm clearance over the crown of the pipe and backfill area.

Note:

Further advice can be obtained from Asset's engineering department.

RESIDUAL RISKS

- The trench should be excavated to the specified line and levels and the contractor should take all precautions required by statutory regulations, or dictated by actual circumstances, to ensure the safety of the public and the pipe layers. The contractor should also avoid interrupting or damaging public or private utilities encountered during the course of the work.
2. Pipe laying shall be done in the following sequence:
- a. Where ground levels are expected to be above the pipe invert, measures should be taken to maintain structural integrity and counter potential flotation.
 - b. Where construction traffic may impose loading, temporary or permanent measures should be taken to ensure that there is no detrimental effect on the pipe.
 - c. Where welding is required, the pipe should always be used for internal welding on site. Reference should always be made to the H&S Guidelines Manual for information.
 - d. Any specific requirements should always be sought from Asset using the contact details below.

MODULAR FABRICATIONS

1. All dimensions are subject to manufacturing tolerances.
2. All dimensions and levels to be checked and approved in writing by the contractor before manufacture.
3. Modular Weholite panels are subject to a tolerance of +/- 15mm.

DRAWN BY	CHK'D	SCALE	PIPE CLASS	DATE
LH	IN	1:60	2kN	06/12/2018

NB-H274-Bartons Road,
Havant (1.005)

CLIENT:



ASSET INTERNATIONAL LTD
WATER MANAGEMENT SOLUTIONS

Stepehnson Street, Newport, South Wales, NP19 4XH

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PAGE NUMBER: 1 OF 1

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DATE PRINTED: 06 December 2019