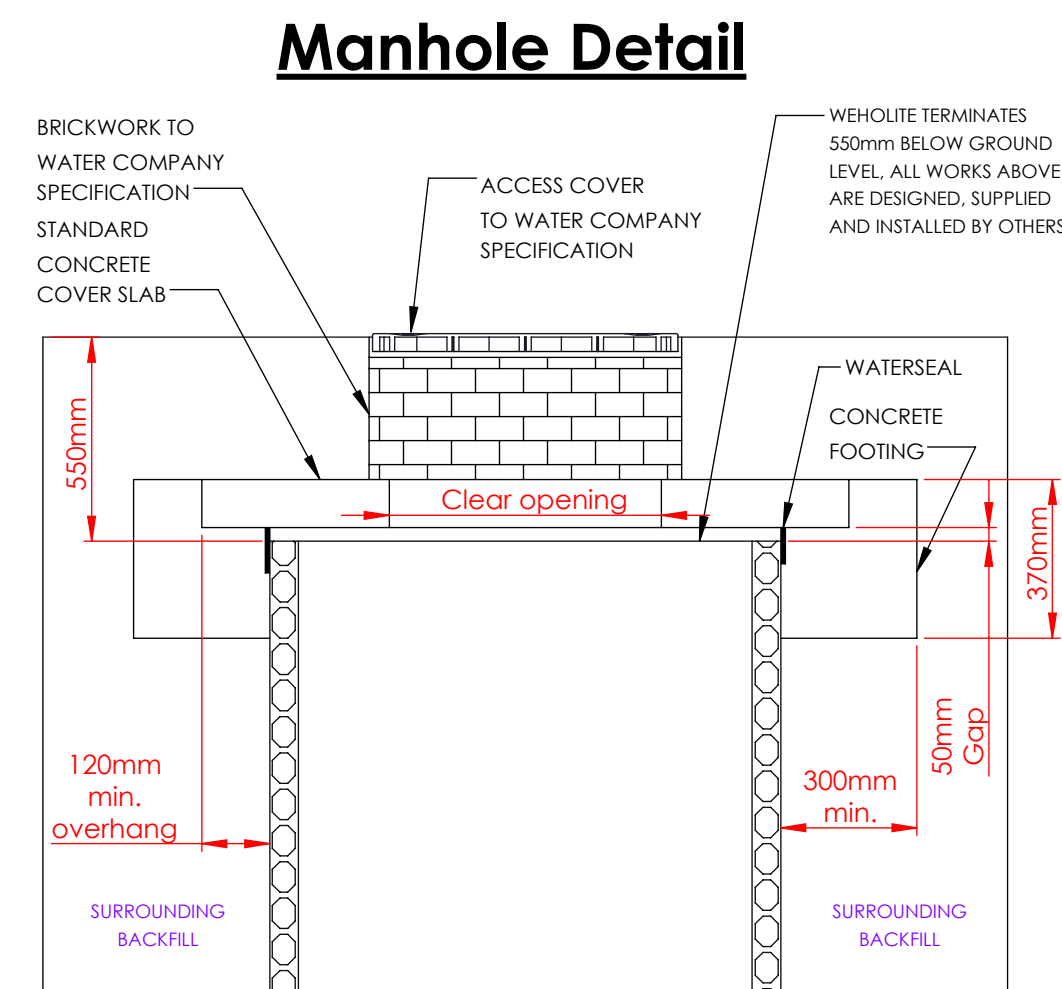
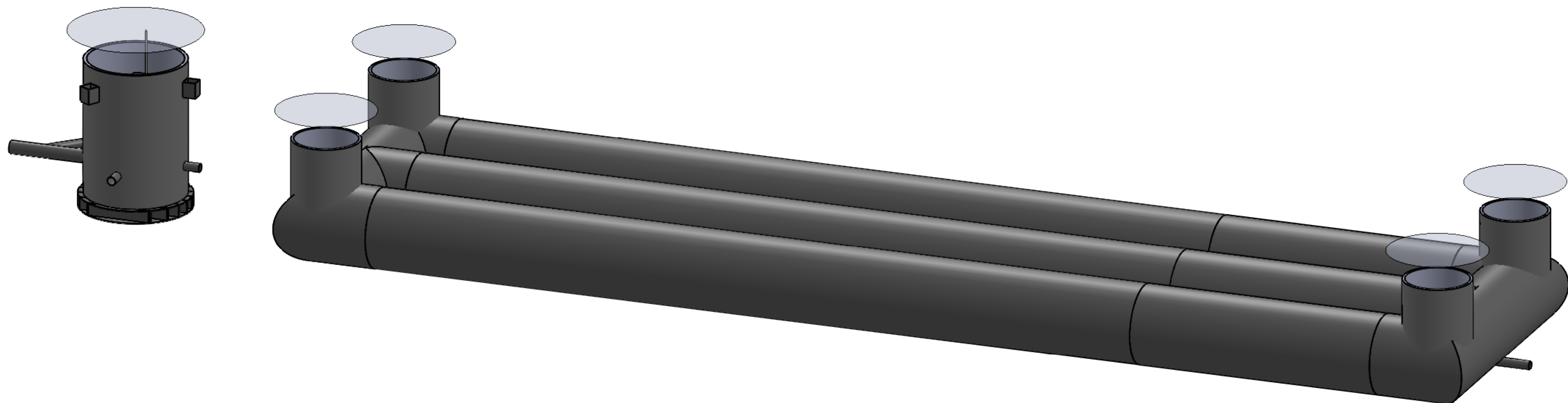
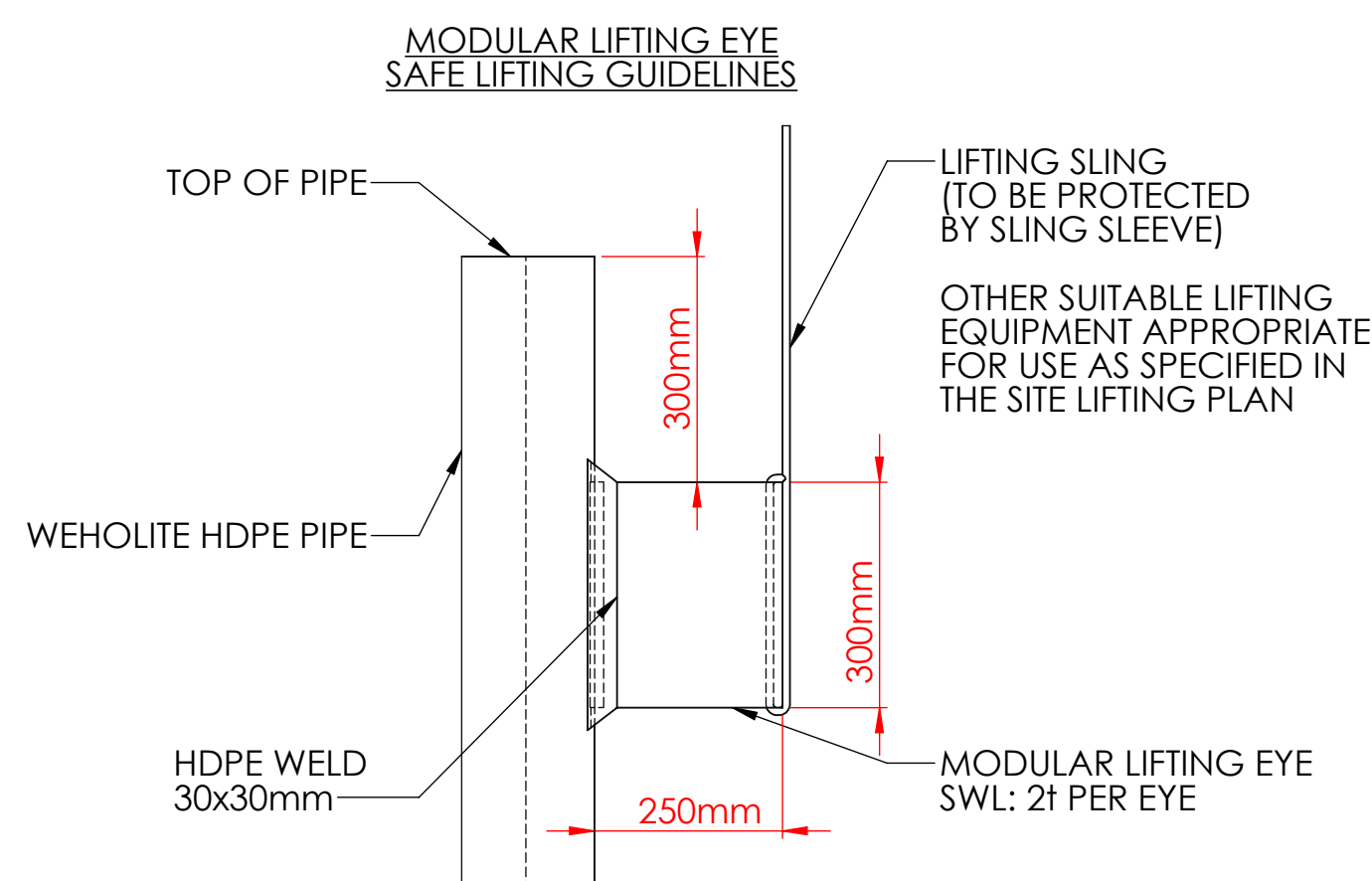
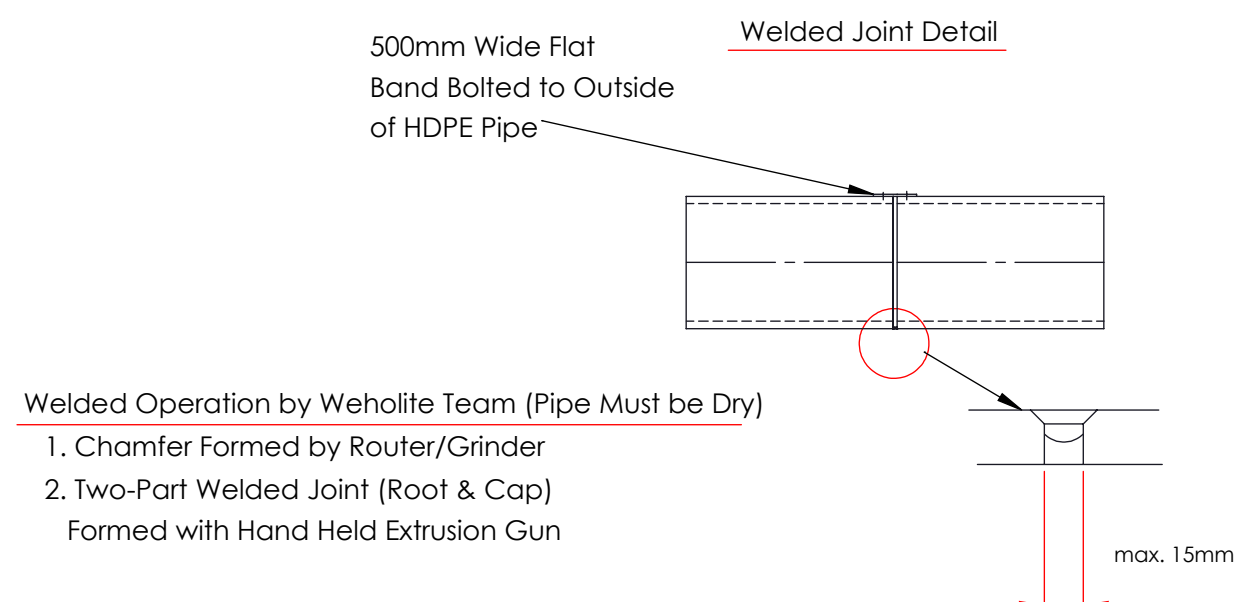
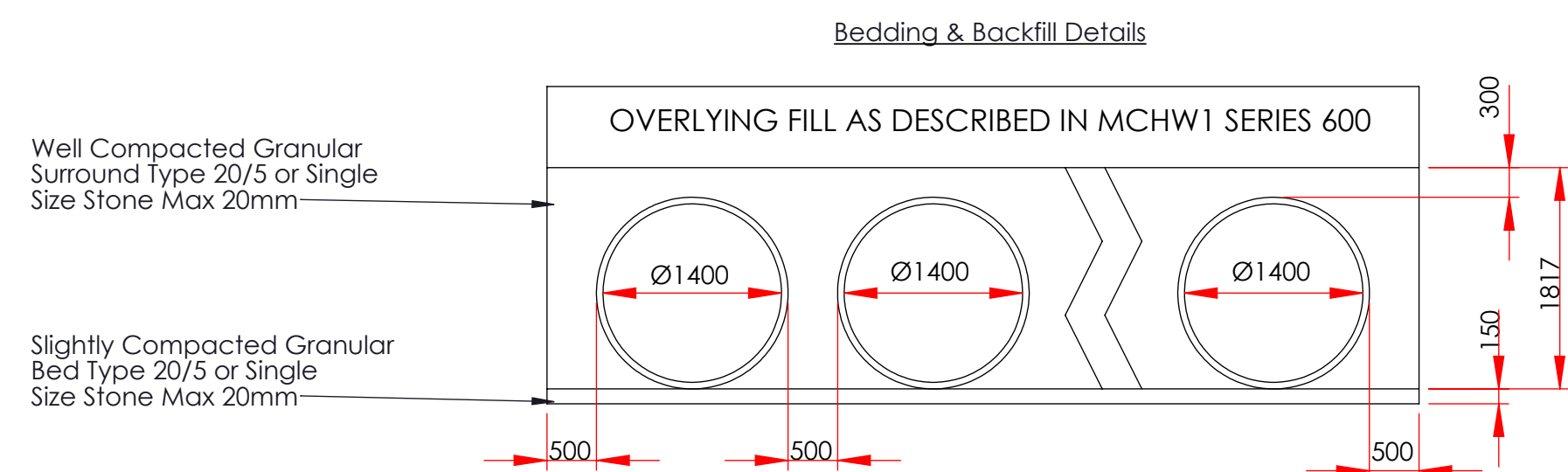


W-0469-20-Park House Farm, Grimsargh



NOTES:

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3. The drawing shall be used in conjunction with all related documentation and standard details.
4. Dimensions shall not be scaled from this drawing. All dimensions and levels to be checked are to be confirmed in writing by the contractor before manufacture.
5. All dimensions are subject to manufacturing tolerances.
6. The 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 SDS PIPE SYSTEMS LTD.
2. Ensure no voids in surround under haunches.
3. Balance fill either side as fill commences.
4. Backfill in 250mm layers parallel to structure, with correct compaction if compaction is required.
5. 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 procedure.
6. Do not use any 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 SDS PIPE SYSTEMS LTD.
3. SDS PIPE SYSTEMS LTD. recommends installation of interconnecting section first. Pipe placement can then commence.
4. Place line and level pipes tightening H/PCE bands as you progress.
5. Commence the backfill operation starting at the interconnecting end progressing as evenly as possible over the site area.
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. Final low construction equipment over the structure with adequate protection or minimum 800mm of cover over the crown of the pipe and backfill area.

Note:

Further advice can be obtained from SDS PIPE SYSTEMS LTD.'s engineering department.

RESIDUAL RISKS

1. The trench should be excavated to the specified line and levels and the contractor should take all precautions required by statutory regulations or by local 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. The trench should be shored with steel or nylon slings of the appropriate safe working load. Reference should always be made to the Health & Safety Guidelines Manual for information on shoring and trenching.
3. Where ground water levels are expected to be above the pipe invert, measures should be taken to maintain structural integrity and counter potential flotation.
4. Where construction traffic may impose loading, temporary or permanent measures should be taken to ensure that there is no detrimental effect on the pipe.
5. In preparation for welding, the pipe should always be open to the atmosphere. Reference should always be made to the H&S Guidelines Manual for information.
6. Advice on site specific requirements should be sought from the HDPE PIPE SYSTEMS Ltd. using the contact details below.

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.

JOINTING DETAILS		
Ø DIA	TYPE	QTY
1400	Welds	9

CUSTOMER DRAWING REFERENCE

CUSTOMER DRAWING REV

Application:	Storm
DELIVERY ADDRESS: PHG CONTRACTING Ltd. c/o DUTCHY HOMES Ltd. PARK HOUSE FARM WHITTINGHAM LANE GRIMSARGH PR2 5SL	

TITLE: W-0469-20-Park House Farm,
Grimsargh

CUBENT:



SDS PIPE SYSTEMS LTD
Stephenson Street, Newport, South Wales, NP19 4XH
Web Site: www.weholite.co.uk Email: sales@weholite.co.uk
Tel: 01633 273 081 Fax: 01633 290 519

Web Site: www.weholite.co.uk Email: sales@weholite.co.uk
Tel: 01633 273 081 Fax: 01633 290 519

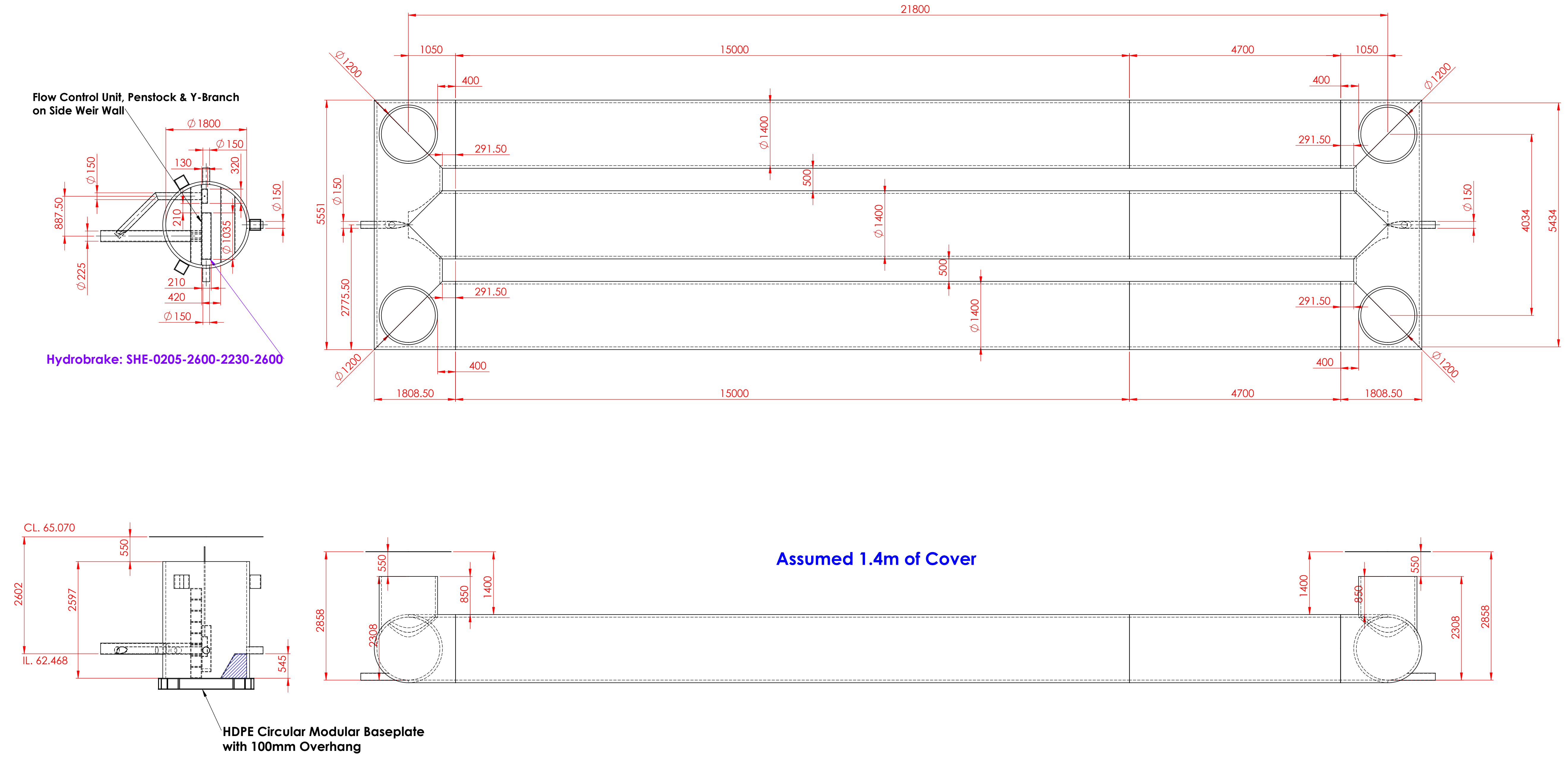
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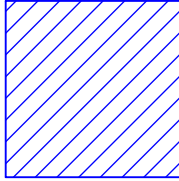
DWG NO:	REV:
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REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS
A	Y Branch spacing and Penstock position adjusted.	17/09/2020	IN

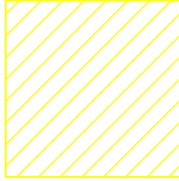
DATE PRINTED: 17 September 2020

W-0469-20-Park House Farm, Grimsargh





FULL FLOOR BENCHING
ABOVE FLOOR
(Side View)



FULL FLOOR BENCHING
ABOVE FLOOR
(Top View)

NOTES:

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2. All calculations, drawings, designs and technical information produced by SDS PIPE SYSTEMS LTD. is based and relies upon the information and communications provided by the customer, or on the customer's behalf, to SDS PIPE SYSTEMS LTD. SDS PIPE SYSTEMS LTD. accepts no responsibility or liability for such information and communications provided by the customer. The customer remains responsible for ensuring that products supplied by SDS PIPE SYSTEMS LTD. are suitable for any given application.

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 and levels to be checked and approved in writing by the contractor before manufacture.

5. All dimensions are subject to manufacturing tolerances.

6. All extrusion welding to DVS 2209.

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

- INSTALLATIONS GUIDELINES**
- Single Leg:-**
- Bedding and backfill as specified by SDS PIPE SYSTEMS LTD.
 - Ensure no voids in surround under haunches.
 - Balance fill either side as fill commences.
 - Backfill in 250mm layers parallel to structure, with correct compaction if compaction is required.
 - 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 procedure.
 - 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:-**
- Bulk Excavation to formation.
 - Bedding to be specified by SDS PIPE SYSTEMS LTD.
 - SDS PIPE SYSTEMS LTD. recommends installation from interconnecting section first. Pipe placement can then commence.
 - Place line and level pipes tightening HDPE bands as you progress.
 - Commence the backfill operation starting at the interconnecting end progressing as evenly as possible along the structure.
 - Backfill as per recommending method in pipe laying section of manual.
 - Backfill of suitable material to final formation can then take place.
 - Do not allow construction equipment over the structure, without adequate protection or minimum 800mm of cover over the crown of the pipe and backfill area.

Note:
Further advice can be obtained from SDS PIPE SYSTEMS LTD.'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.
- Pipes should always be handled using nylon slings of the appropriate safe working load. Reference should always be made to the Health & Safety Guidelines Manual for information on deliveries and storage on site.
- Where ground water levels are expected to be above the pipe invert, measures should be taken to maintain structural integrity and counter potential flotation.
- Where construction traffic may impose loading, temporary or permanent measures should be taken to ensure that there is no detrimental effect on the pipe.
- A permit to work procedure should always be in use for internal welding on site. Reference should always be made to the H&S Guidelines Manual for information.
- Advise on site specific requirements should always be sought from SDS PIPE SYSTEMS LTD. using the contact details below.

FABRICATIONS

- All dimensions are subject to manufacturing tolerances.
- All dimensions and levels to be checked and approved in writing by the contractor before manufacture.

2. All dimensions and levels to be checked and approved in writing by the contractor before manufacture.

JOINTING DETAILS			
Ø DIA	TYPE	QTY	
1400	Welds	9	
Application: Storm		DRAWN BY AG	CHKD IN
		SCALE 1:50	DATE 17/09/2020
DELIVERY ADDRESS: PHG CONTRACTING Ltd. c/o DUTCHY HOMES Ltd. PARK HOUSE FARM WHITTINGHAM LANE GRIMSARGH PR2 5SL		TITLE: W-0469-20-Park House Farm, Grimsargh	
		CLIENT:	
SITE CONTACT: Paul Gregson NUMBER: 07901 558 449		  SDS PIPE SYSTEMS LTD Stephenson Street, Newport, South Wales, NP19 4XH Web Site: www.weholite.co.uk Email: sales@weholite.co.uk Tel: 01633 273 081 Fax: 01633 290 519	
VEHICLE:	Artic		
DELIVERY DATE:			
PIPE SLUNG:	YES		
AIR TESTING	YES		
WELDED JOINTS:	YES		
MECHANICAL COUPLER:	NO		
SEALED BOX SECTIONS:	NO	SHEET NUMBER: 2 OF 2	
PLATED JOINTS:	NO	DRAWING: W-0469-20-Park House Farm, Grimsargh	
		REV: A	