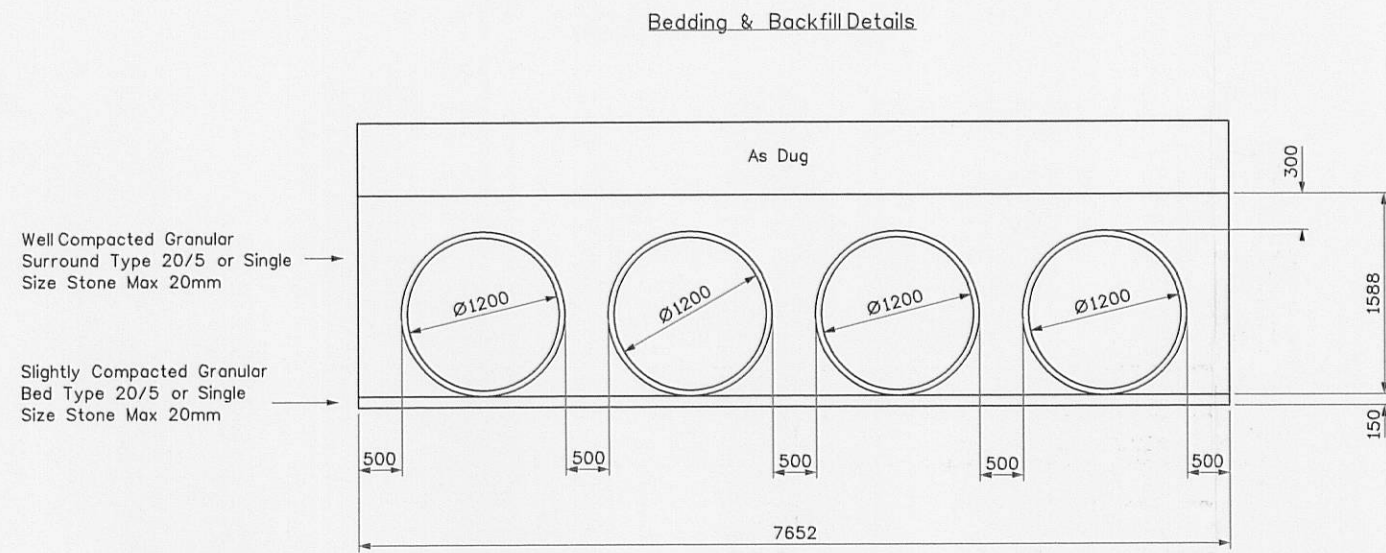
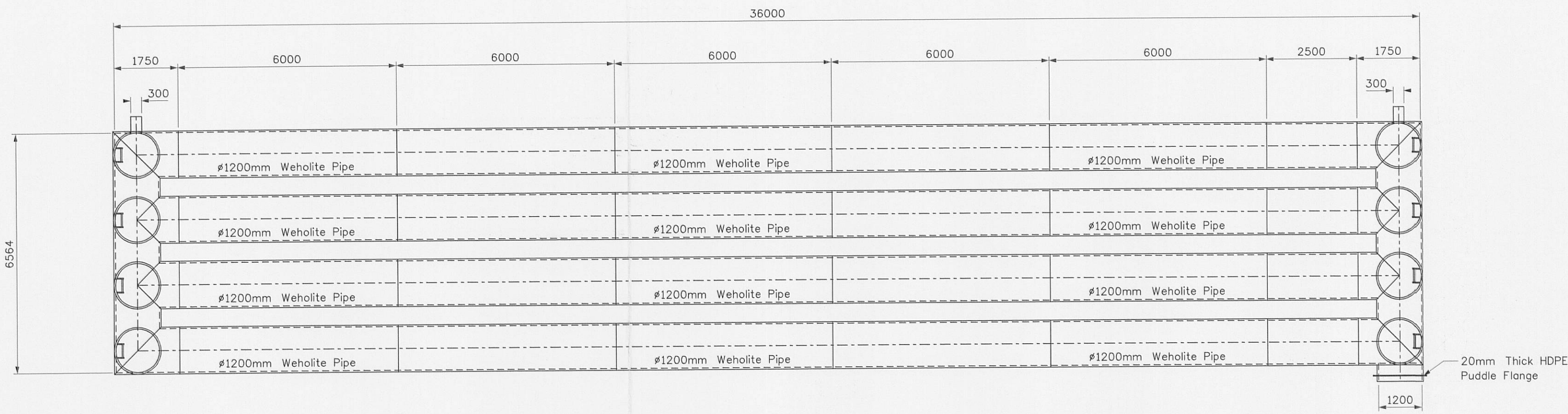
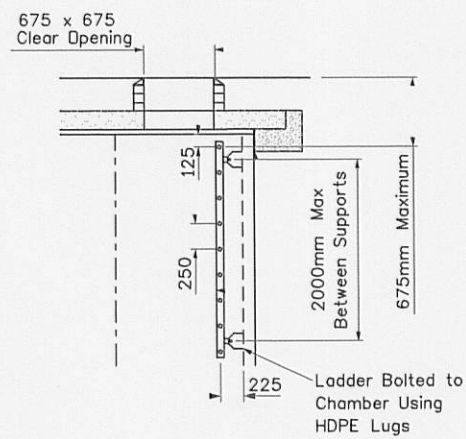
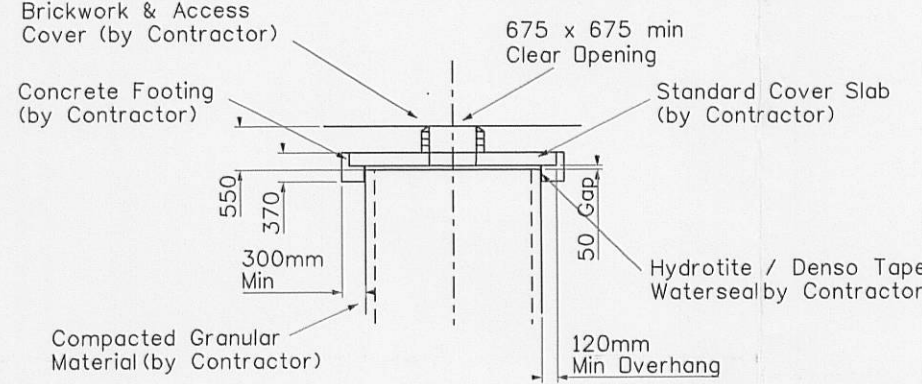




GRP Ladder Detail to BS4211

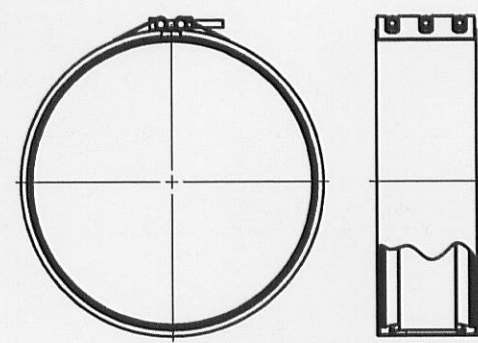


Standard Manhole Detail

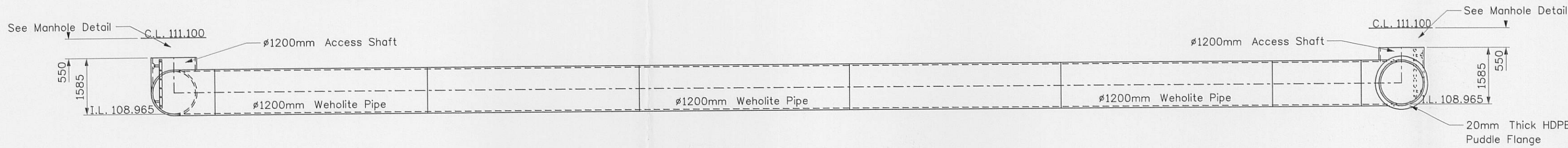
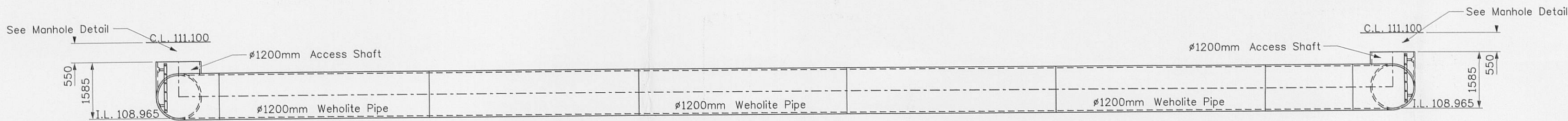
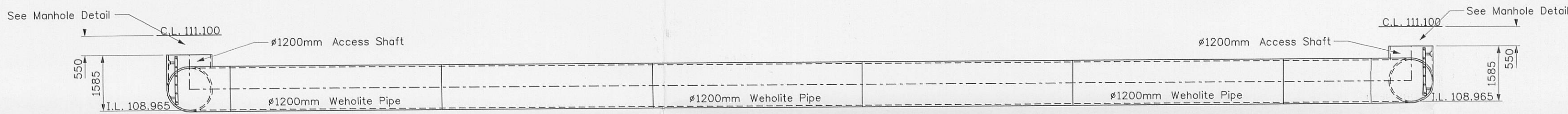
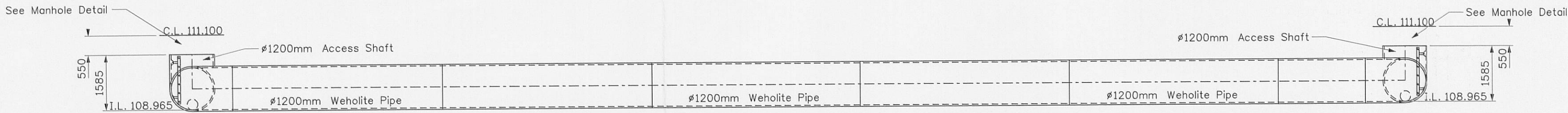
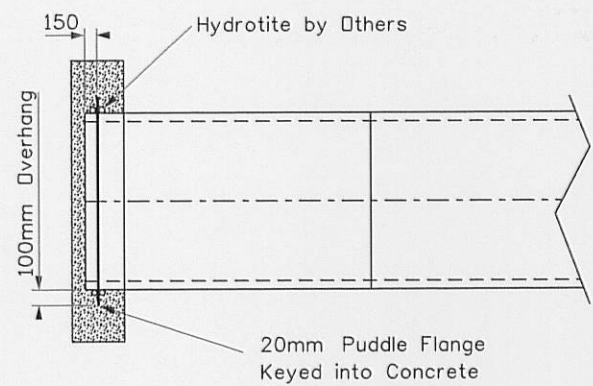


Teekay Coupling

Refer to manufacturers Installation Guidelines



Puddle Flange



BILL OF MATERIALS

PIPE SLUNG

Y N

DRAWING CHECKLIST

Y N

Name Sign/Date Comment

Sales

Technical

Production

Fabrication

Transport

NOTES:

1. This drawing and associated detail are the property of Asset International Limited and may not be copied nor disclosed to a third party without written permission.
2. This drawing shall be read in conjunction with all related documentation and standard details.
3. Dimensions shall not be scaled from this drawing. All dimensions shown are in mm unless otherwise stated. All dimensions and levels to be checked and approved in writing by the contractor before manufacture.
4. All dimensions are subject to manufacturing tolerances.
5. All extrusion welding to DVS 2209.
6. Pipes become the responsibility of the contractor as offloading commences.

INSTALLATION GUIDELINES

Single Leg :-

1. Bedding and backfill as specified by Asset International.
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 allow construction equipment over the structure, without adequate protection or 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 tightening steelbands as you progress.
5. Commence the backfill operation starting at the interconnecting end progressing as evenly as possible along the structure.
6. Backfill as per recommended 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 800mm of cover over the crown of the pipe and backfill area.

Note :-

Further advice can be obtained from Asset'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 dictated by actual circumstances, to ensure the safety of the public and the pipe layers. He should also avoid interrupting or damaging public or private utilities encountered during the course of the work.
2. 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.
3. A permit to work procedure should always be in use for internal welding on site. Reference should be made to the H&S Guidelines Manual for information.
4. Advice on site specific requirements should always be sought from Asset using the contact details below.

320120372P

DRAWN BY Iwan Blake SCALE 1 : 100 PIPE CLASS 4 kN/m² DATE 25/01/12

TITLE

Dilworth Lane, Longridge

CLIENT

Ironside Farlar



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