

Notes:

1. All dimensions are to be checked on site before the commencement of Engineering. Dimensions are to be reported back as to be taken from this drawing.
2. This drawing is to be read in conjunction with all relevant Engineers' and Services Engineers' drawings and specifications.

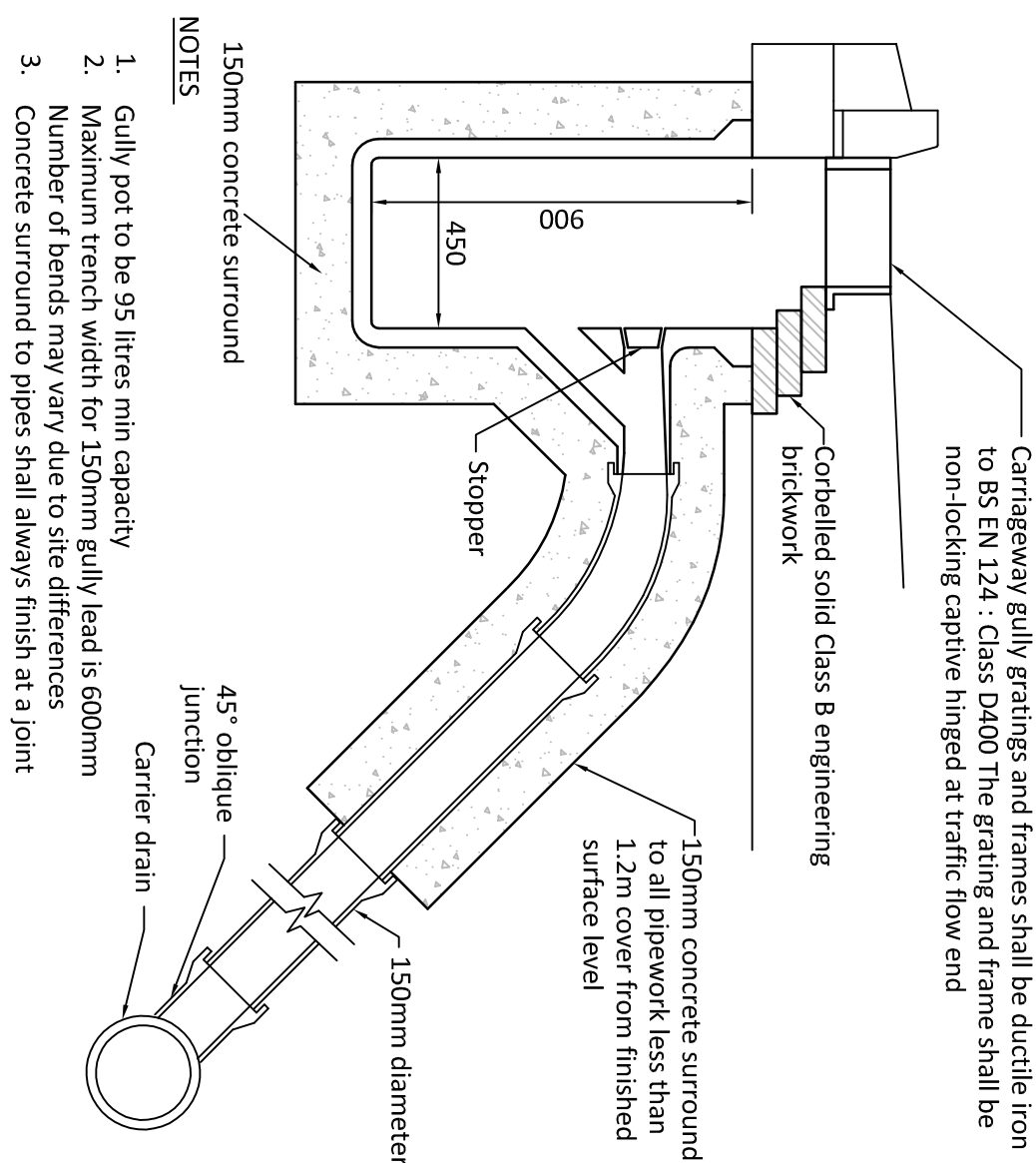
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

MAINTENANCE / CLEANING

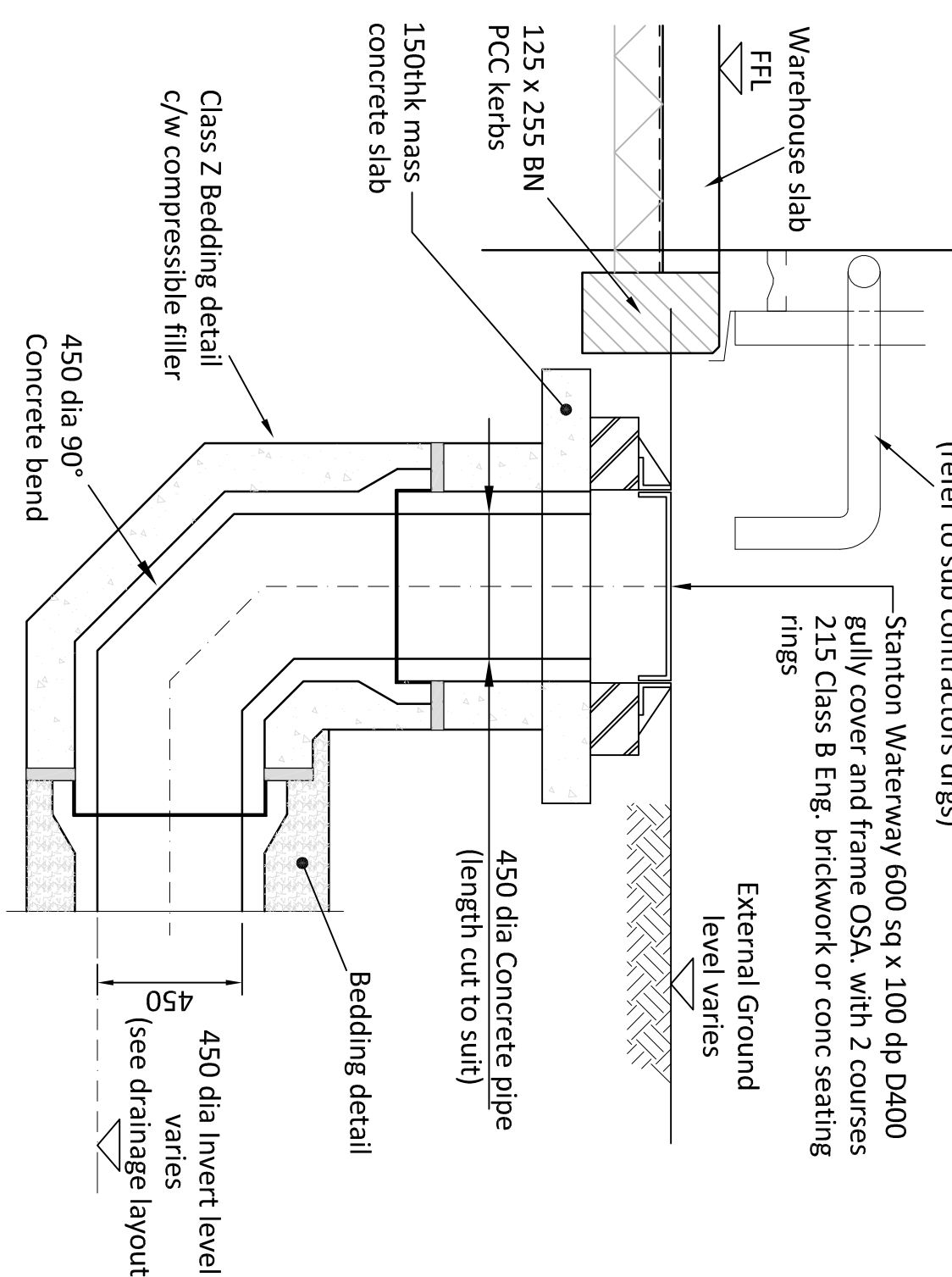
DECOMMISSIONING / DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT



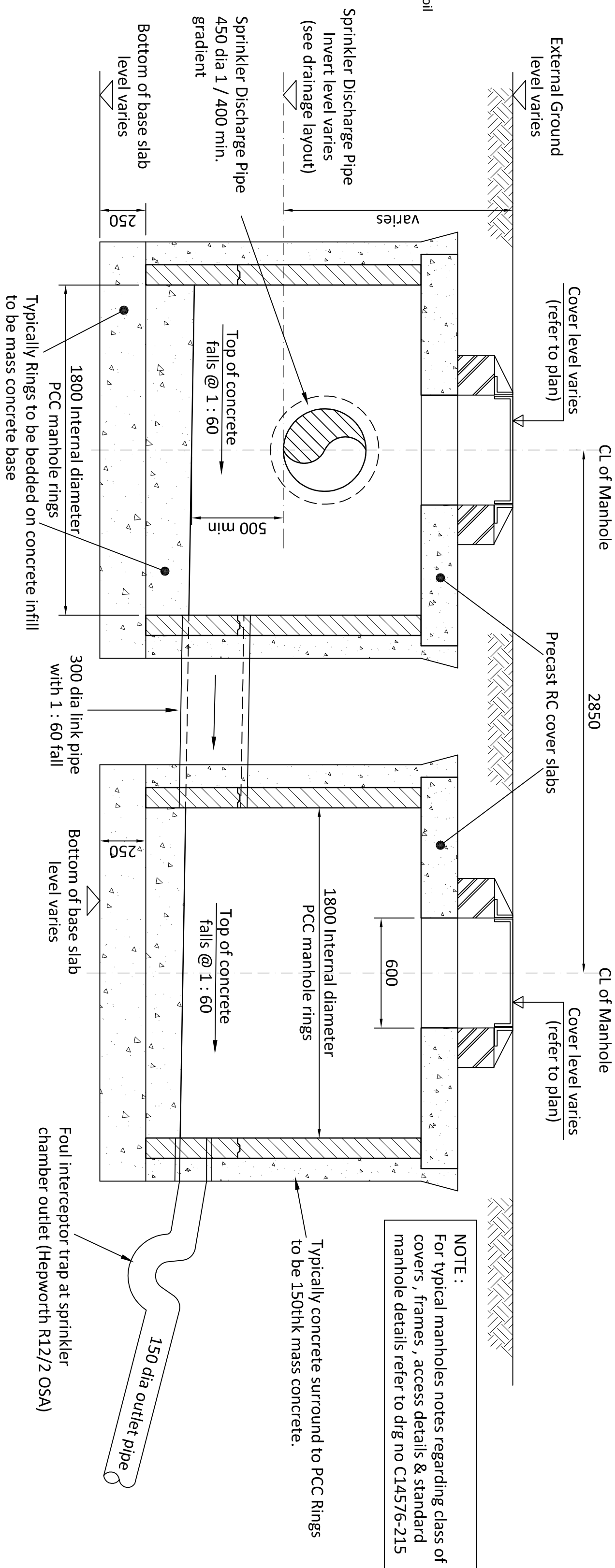
- NOTES
1. Gully not to be 95 litres min capacity
 2. Maximum trench width for 150mm gully lead is 600mm
 3. Concrete surround to pipes shall always finish at a joint

GULLY DETAIL WITH CONNECTION TO CARRIER DRAIN

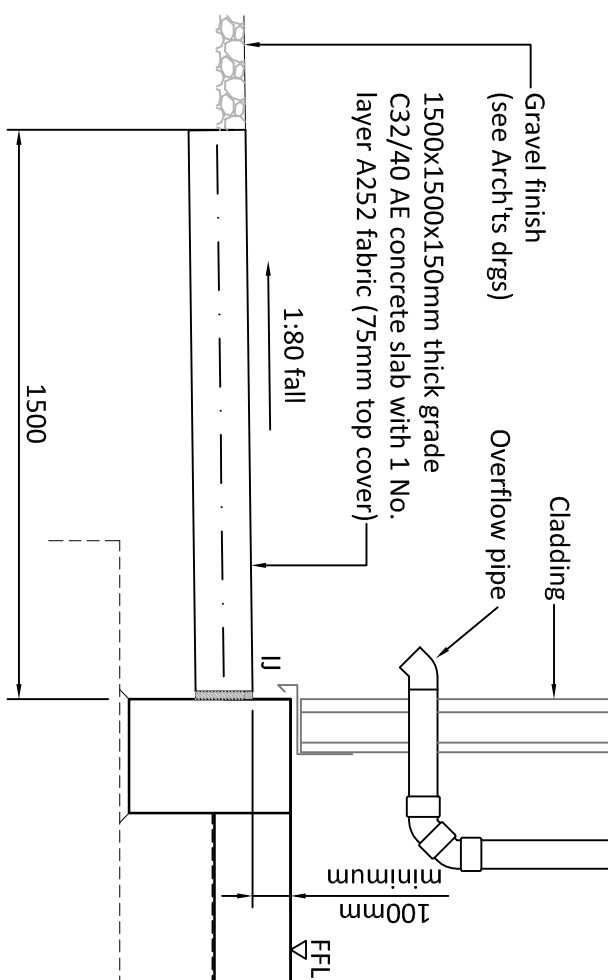


SPRINKLER DISCHARGE DETAIL

(Scale 1 : .25)

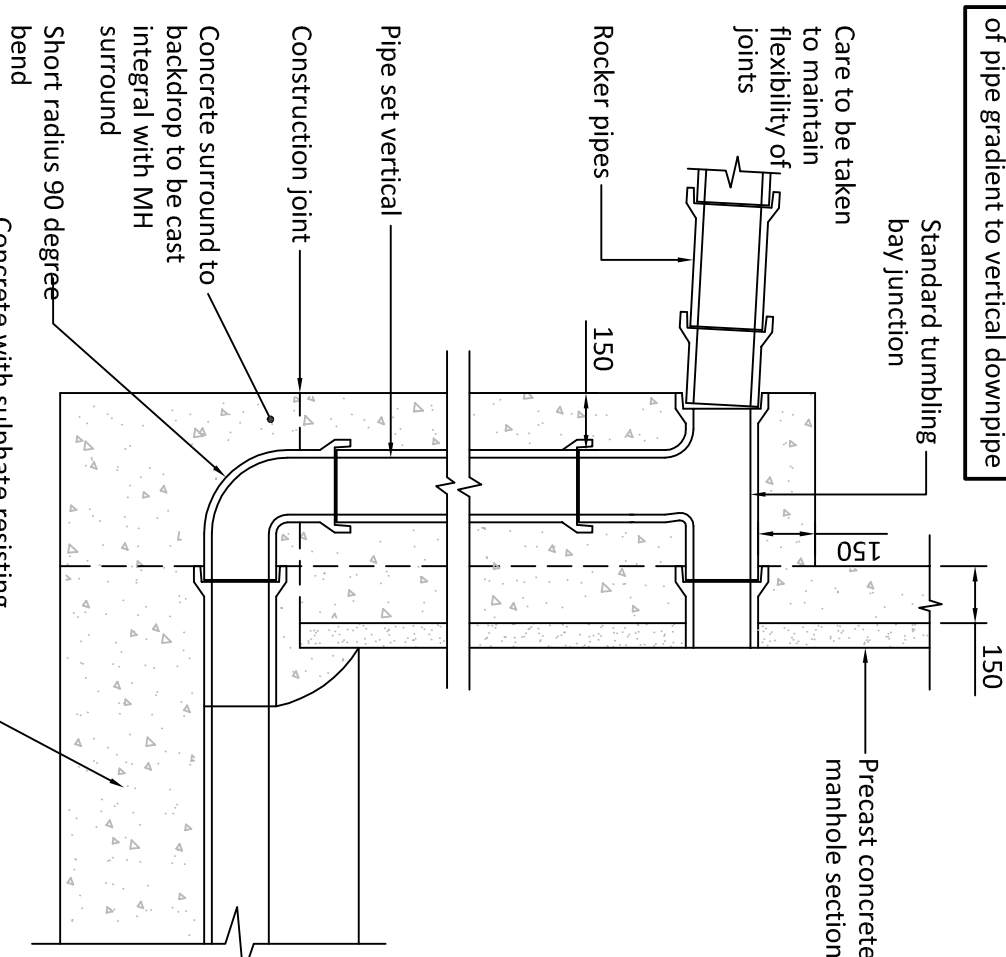


SIPHONIC SPLASH PAD DETAIL

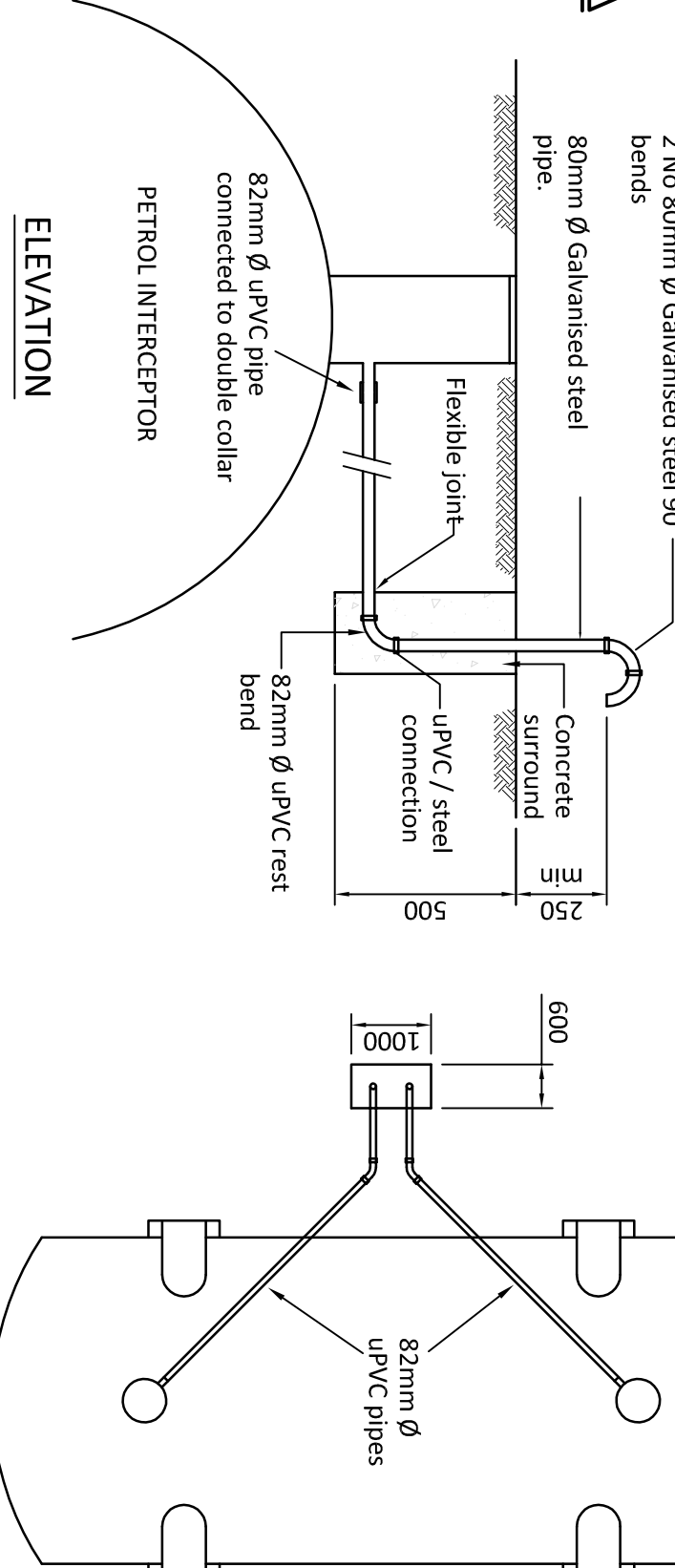


TYPICAL VERTICAL BACKDROP DETAIL

Note : Where the drop is not excessive a 45° drop pipe may be used



Additional rocker pipes may be necessary to accommodate transition of pipe gradient to vertical downpipe

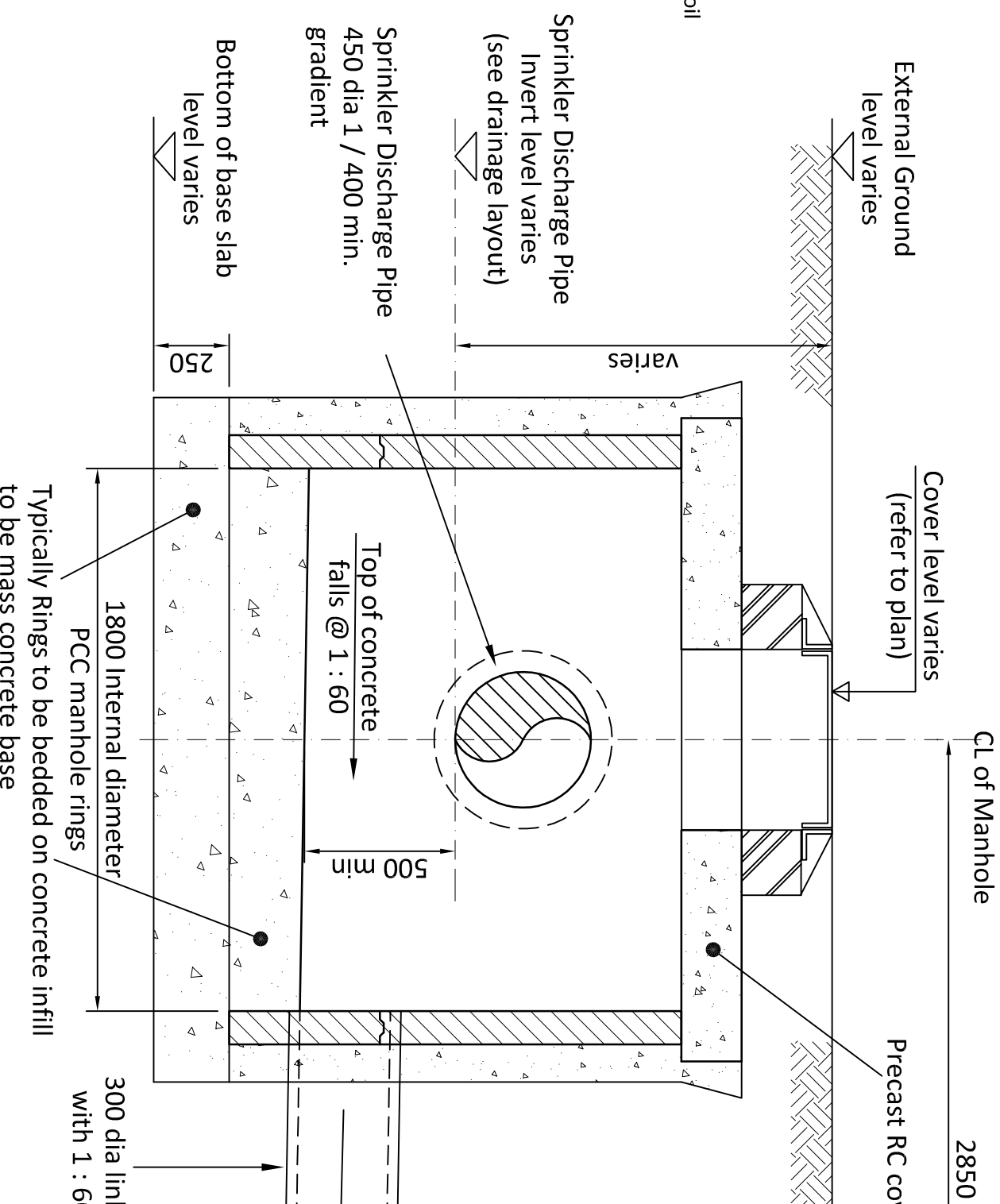


PETROL INTERCEPTOR VENT PIPE DETAIL

Located more than 15m from nearest building (Number of vents as required by Manufacturer.) (N.I.T.S.)

ELEVATION

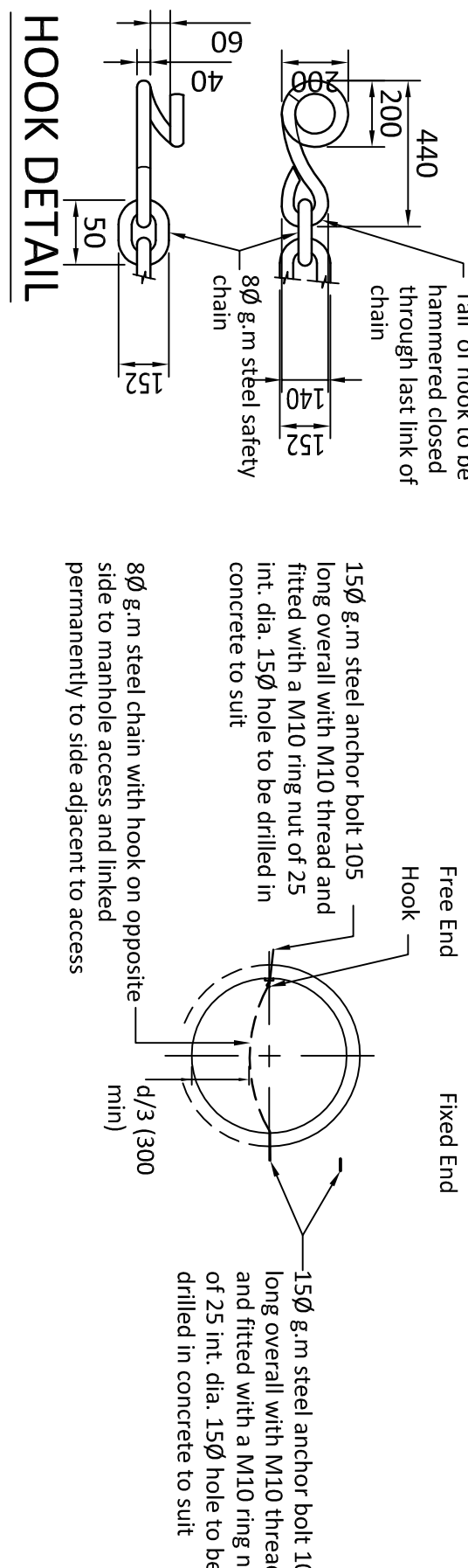
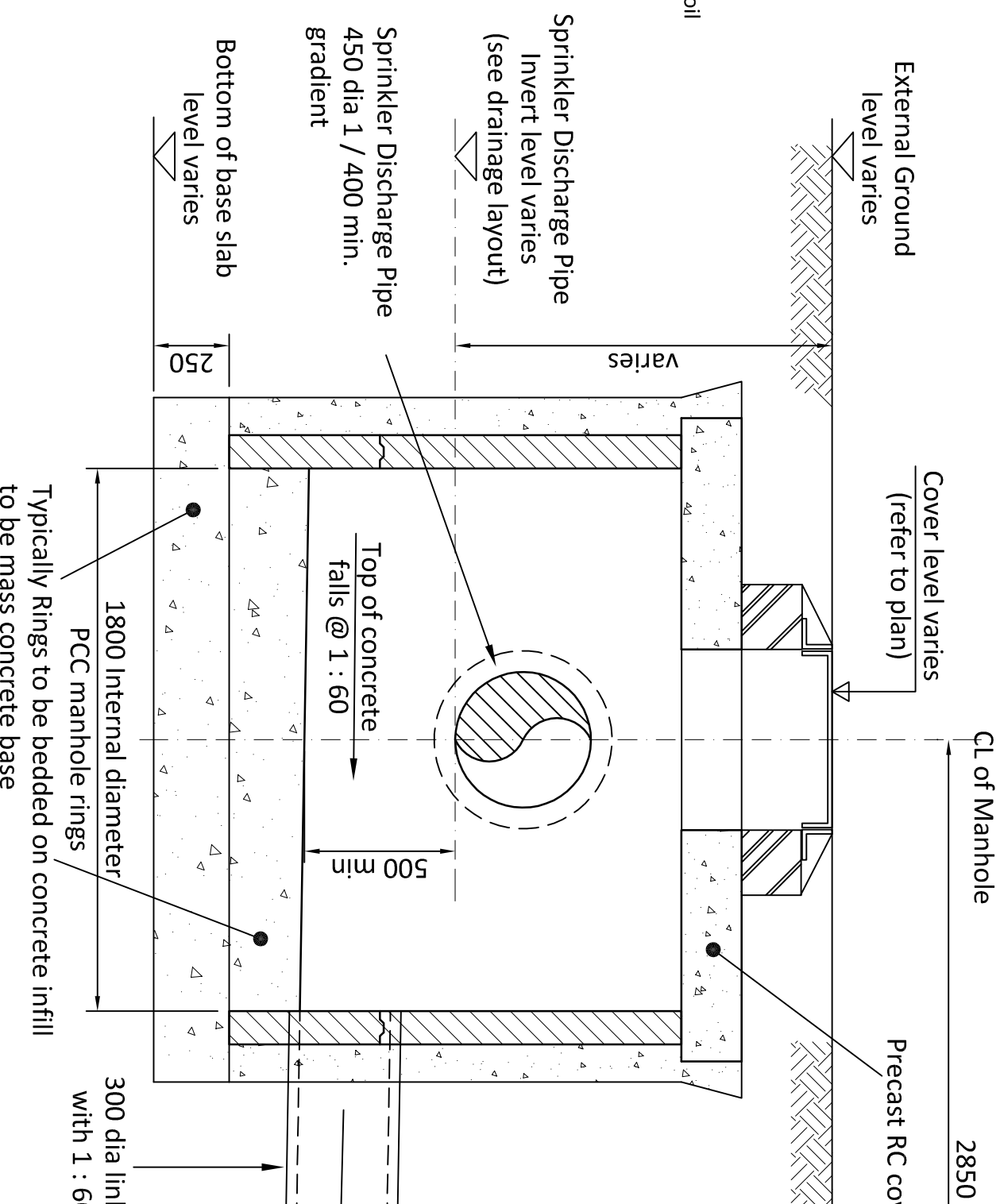
PLAN



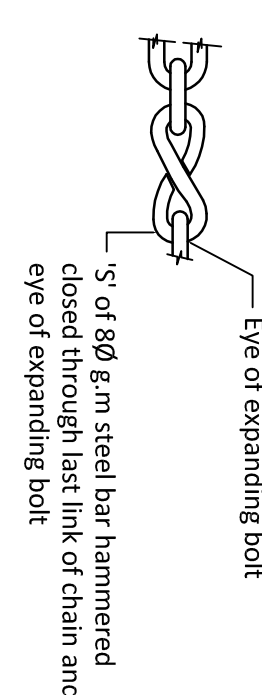
TYPICAL SPRINKLER TEST MANHOLES

(2no. 1800 dia Manholes)

(Scale 1 : .25)



HOOK DETAIL



FIXED END DETAIL

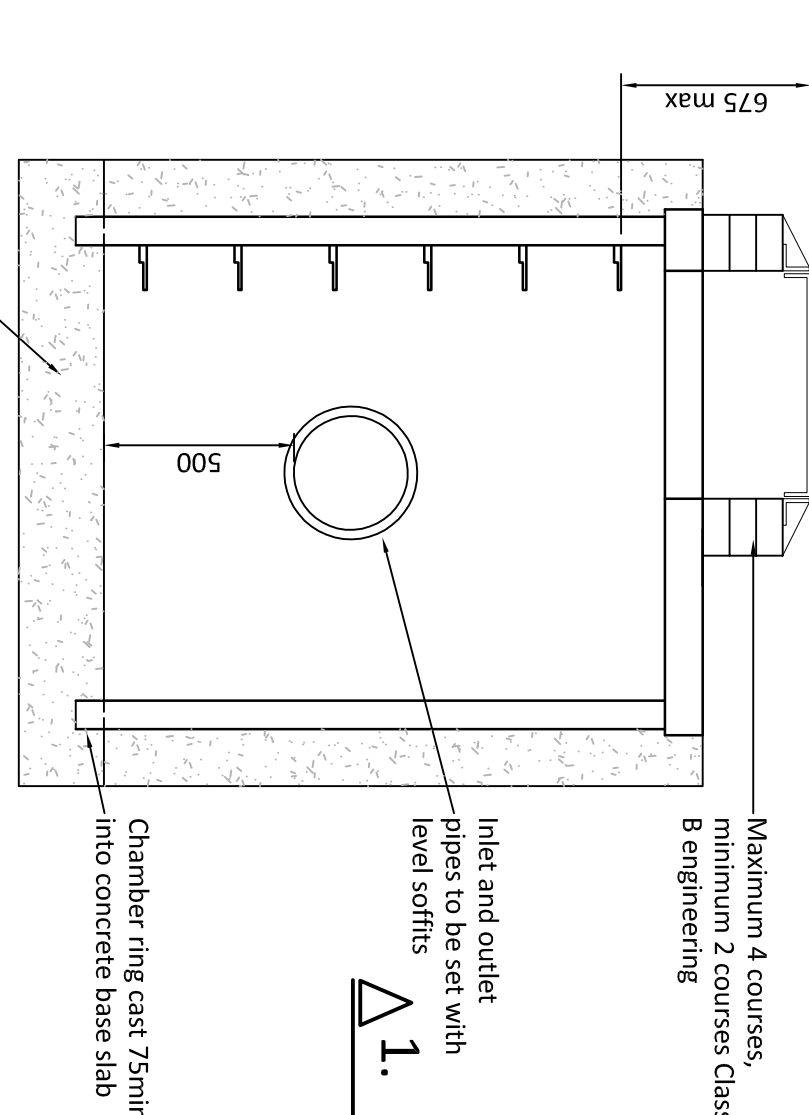
SAFETY CHAIN FIXING & DETAIL

Mild steel safety chain shall be 8mm nominal size Grade M4) non-calibrated chain, Type 1, complying with BS 4942, Part 2. After manufacture, the mild steel chains and fittings shall be hot dip galvanised in accordance with BS EN ISO 1460.

Chains are required for all outlet pipes greater than 600mm and shall be positioned on the downstream side of the manhole.

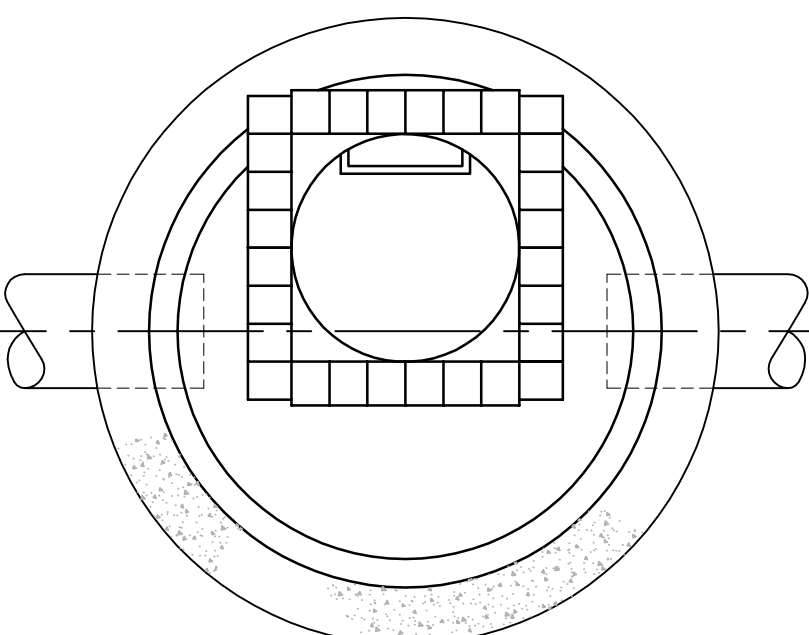


SECTION 1 - 1



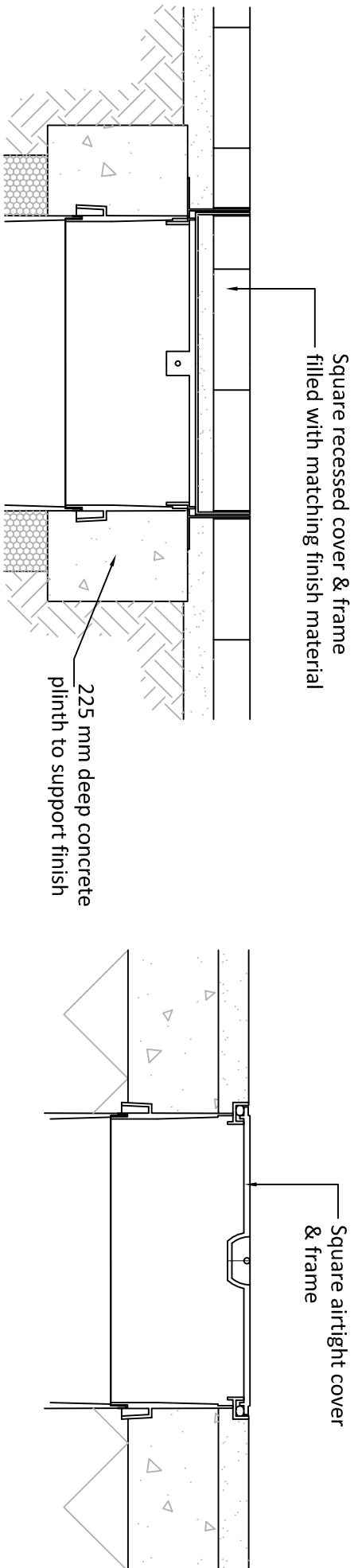
SECTION 1 - 1

PLAN 2 - 2



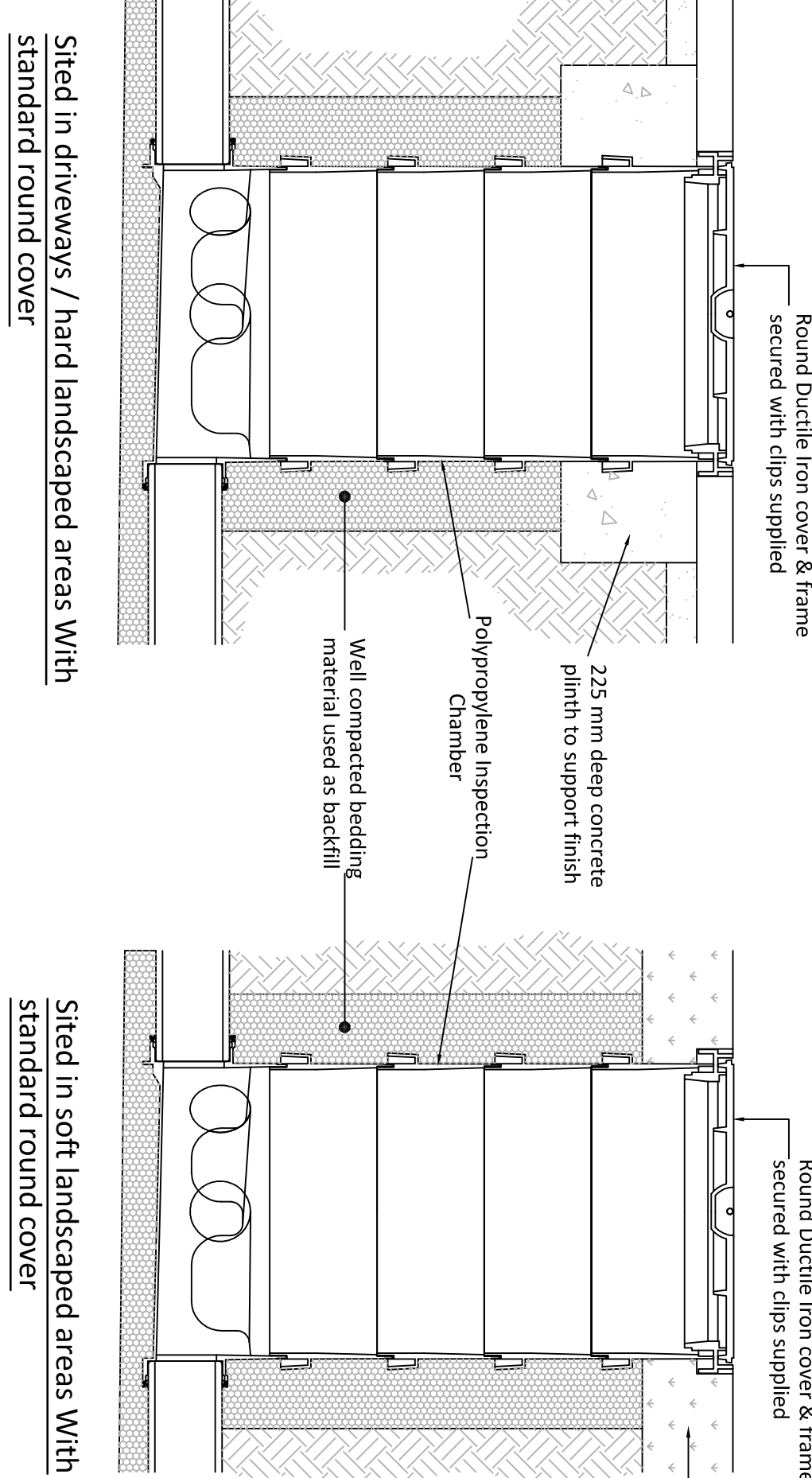
CATCHPIT MANHOLE

CHAMBER CONSTRUCTION AS FOR PCC MANHOLES



Sited in driveways / hard landscaped areas with recessed cover

Sited in concrete floor slab



Sited in driveways / hard landscaped areas with standard round cover

Sited in soft landscaped areas with standard round cover

POLYPROPYLENE INSPECTION CHAMBER INSTALLATION DETAIL

DEPTH FROM COVER LEVEL TO INVERT LEVEL < 1.2m

NB - Universal Product - Adaptor to PVC-U pipe included

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MICHAEL SPARKS ASSOCIATES



OLDLANDS FARM,
BOGNOR REGIS

DRAINAGE AND EXTERNAL WORKS DETAILS

(Sheet 2 of 4)

TENDER

C14443

Drawn	Checked	Scale	Date	Issue
RWB	JH	As shown	14.08.14	22.08.14
Drawing Number	217			T1