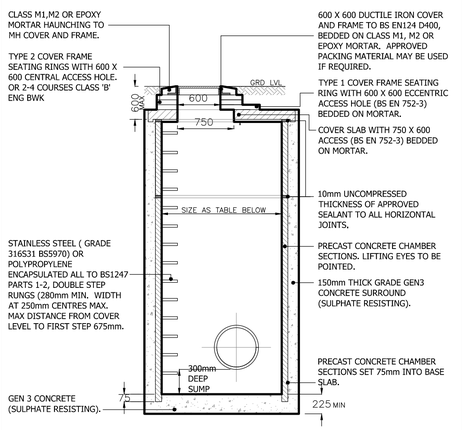
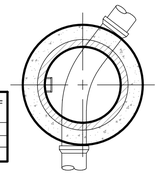
TYPICAL MANHOLE TYPE B-CATCHPIT. NTS

[Depth to soffit 1.45 to 3.0m]



CHAMBERS WITH OUTGOING PIPES 600mm OR GREATER DIA, SHALL BE FITTED WITH REMOVABLE STAINLESS STEEL (GRADE 316) SAFETY CHAINS OR POLYPROPYLENE ROPE.



SHAFT DIAMETERS

DIA OF LARGEST PIPE IN MH (MM)	INT. DIA OF MH (MM)
LESS THAN 375	1200
375 TO 700	1500
750 TO 900	1800

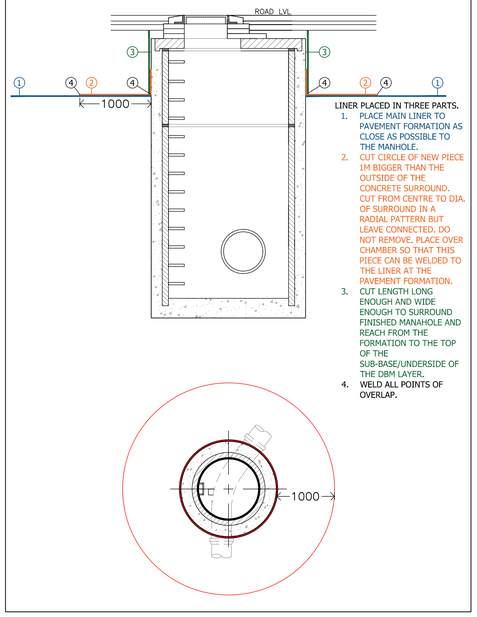
ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT "ROCKER PIPE" WITH LENGTH AS TABLE BELOW.

ROCKER PIPES

SEWER DIAMETER (MM)	EFFECTIVE LENGTH (MM)
150 TO 600	600
675 TO 750	1000
825 AND OVER	1250

Drawing based on AWSL Standard Adoptable Sewerage Details drawing DS/SFA/001 rev B

LINER TREATMENT TO MANHOLES WITHIN PERMEABLE PAVEMENTS NTS



LINER PLACED IN THREE PARTS.

1. PLACE MAIN LINER TO PAVEMENT FORMATION AS CLOSE AS POSSIBLE TO THE MANHOLE.
2. CUT CIRCLE OF NEW PIECE 1M BIGGER THAN THE OUTSIDE OF THE CONCRETE SURROUND. CUT FROM CENTRE TO DIA. OF SURROUND IN A RADIAL PATTERN BUT LEAVE CONNECTED. DO NOT REMOVE. PLACE OVER CHAMBER SO THAT THIS PIECE CAN BE WELDED TO THE LINER AT THE PAVEMENT FORMATION.
3. CUT LENGTH LONG ENOUGH AND WIDE ENOUGH TO SURROUND FINISHED MANAHOLE AND REACH FROM THE FORMATION TO THE TOP OF THE SUB-BASE/UNDERSIDE OF THE DBM LAYER.
4. WELD ALL POINTS OF OVERLAP.

Cover and frame. Grade of cover frames to be D400 within access road/carpark areas & B125 within landscape areas. Square cover frames to be fitted in block paved areas.

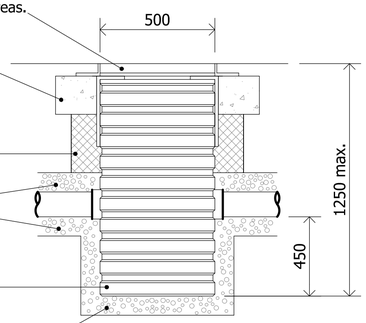
150mm x 150mm concrete plinth required in situations with a loading up to 3 tonnes.

150mm side fill as dug material with no partical size larger than 40mm.

100mm bed as per pipe bedding specification.

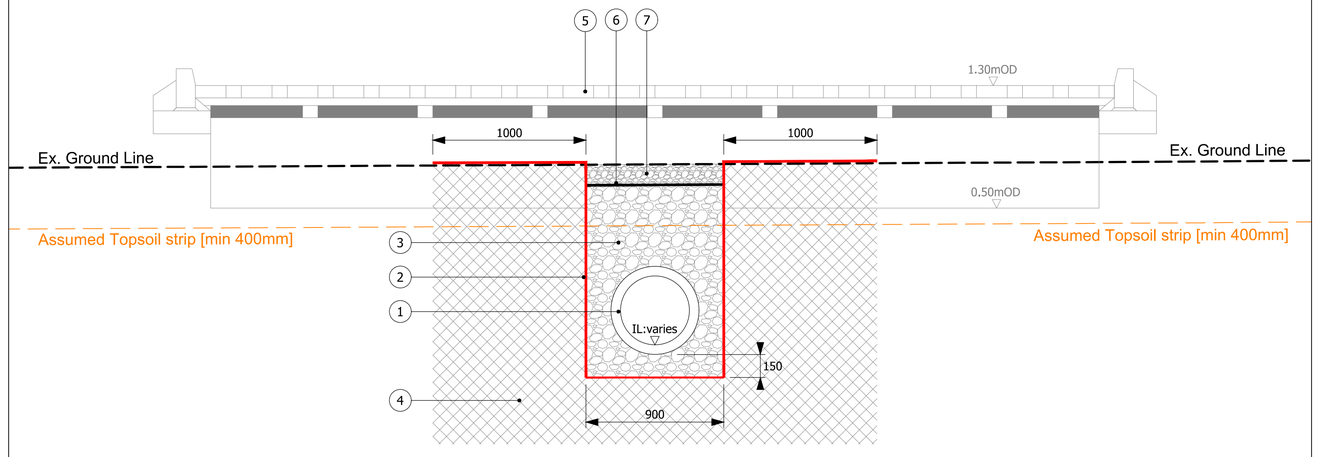
500Ømm Wavin 6LB600 silt trap chamber. Installation to be in accordance with manufacturer's requirements and specification.

100mm bed as per pipe bedding specification.



500Ø CATCH PIT CHAMBER

PIPE BEDDING ACROSS FIELD UNDER FUTURE PHASES
Scale: 1:20



(1). 450mm dia Perforated Concrete pipe.

(2). Marshalls M380 Tanking membrane double wrapped around entire structure. All joints to be welded, NOT taped, with offset joints. Liner lapped outside trench by min 1m at surface.

(3). Sub-base Priora aggregate* (see Table 1).

(4). If made ground discovered below pipe, remove and replace with 75mm down granular material capping placed in max. 200mm layers. Otherwise place this material to the depth of the top soil strip.

(5). Proposed road in future phases.

(6). Terram 1000 geotextile.

(7). 150mm thick Road planings.

NOTES:
All dimensions must be checked on site and not scaled from this drawing.

FOR APPROVAL

	Date	Revisions

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Job Title

Proposed Commercial Development
Decoy Farm, Spalding Road
Crowland, Lincolnshire
PE6 0LU

Drawing Title
Construction Details
Sheet 4

Date	Scale	Drawn
OCT. 2025	NTS	IAC/TRS

Drg.No.	Rev.
9033 -304	-