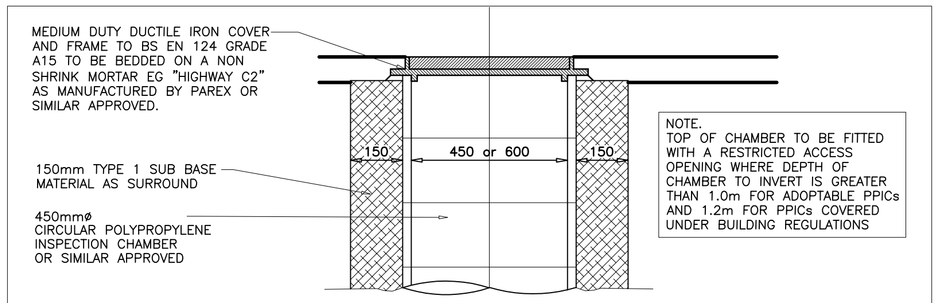
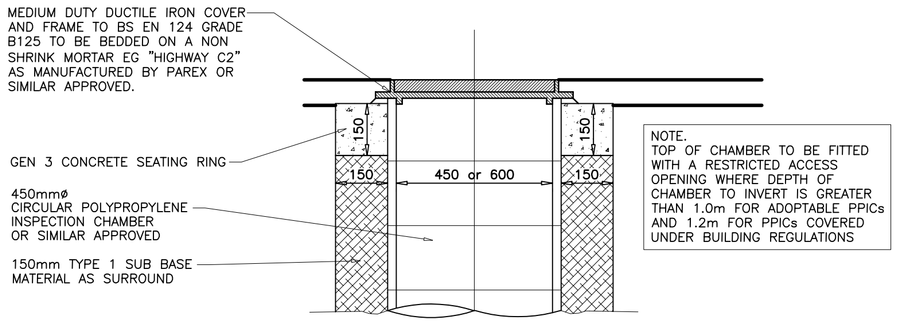
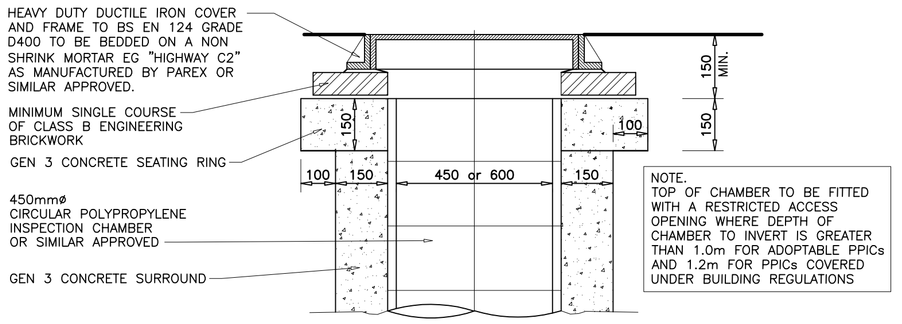


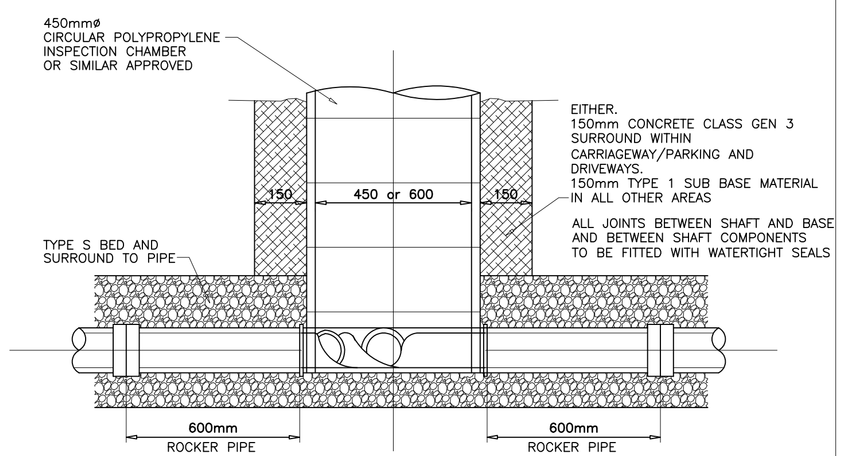
INSPECTION CHAMBER, PPIC, TYPE 3A, A15 MANHOLE COVER (in grass or soft landscaped areas)



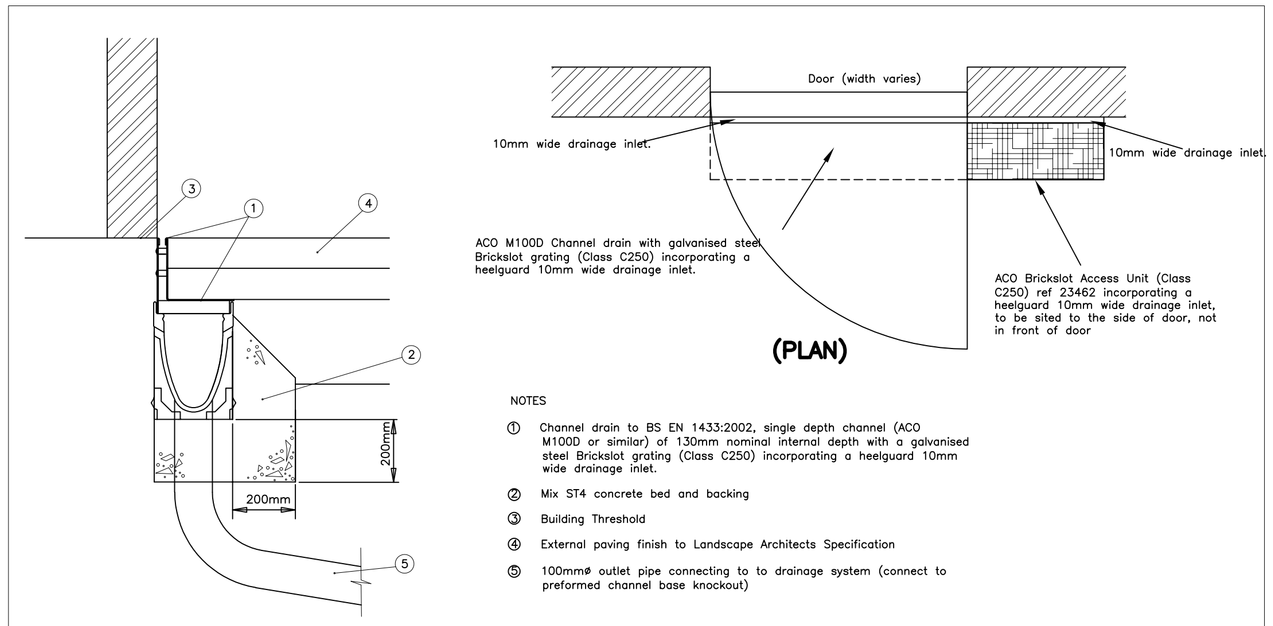
INSPECTION CHAMBER PPIC, TYPE 3B, B125 MANHOLE COVER (in paved areas)



INSPECTION CHAMBER PPIC, TYPE 3C, D400 MANHOLE COVER (in parking areas and carriageway)



INSPECTION CHAMBER PPIC, TYPE 3A, 3B, 3C, BASE DETAIL, common to all 3 types



NOTES

① Channel drain to BS EN 1433:2002, single depth channel (ACO M100D or similar) of 130mm nominal internal depth with a galvanised steel Bricklsot grating (Class C250) incorporating a heelguard 10mm wide drainage inlet.

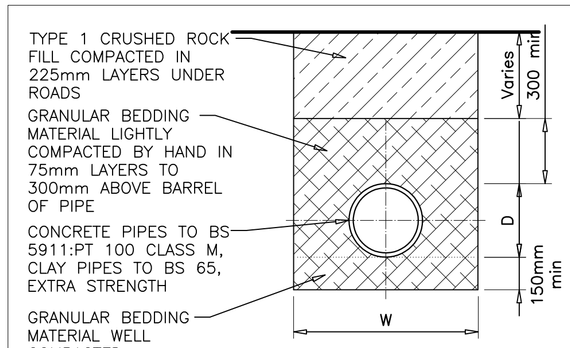
② Mix ST4 concrete bed and backing

③ Building Threshold

④ External paving finish to Landscape Architects Specification

⑤ 100mmø outlet pipe connecting to to drainage system (connect to preformed channel base knockout)

THRESHOLD DRAIN DETAIL (CONNECTING TO DRAINAGE NETWORK)



TYPICAL PIPE BEDDING DETAIL TYPE S

DN	100	150	200	300	375
W	450	600	700	850	1050
Y	50	50	50	50	50

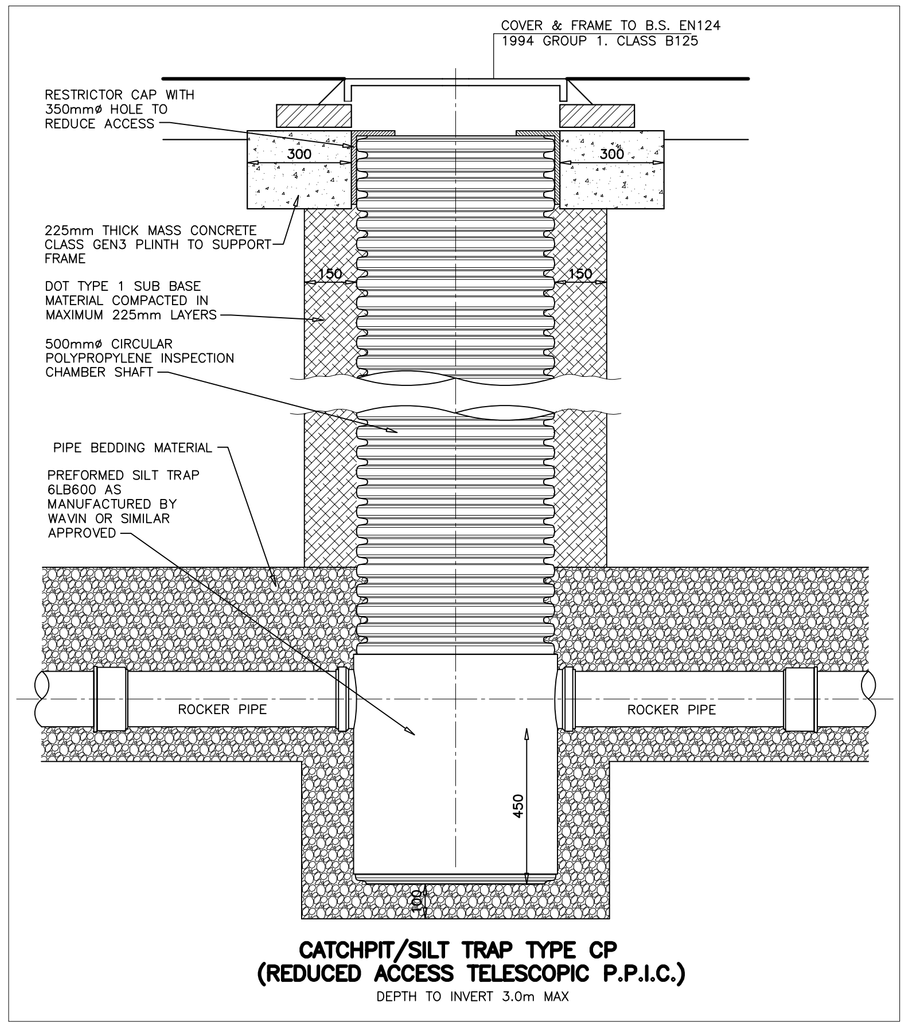
NOTE: WHEN PIPES BEING USED ARE A SOCKET TYPE THEN THE BEDDING DIMENSION 'Y' GIVEN IS TO BE A MINIMUM UNDER THE SOCKET

TABLE 3 TRENCH DIMENSIONS

PIPE DIA. (mm)	MATERIAL (B.S. 882)
110	10 SINGLE SIZE
160	10, 14 SINGLE SIZED or 14–5 GRADED

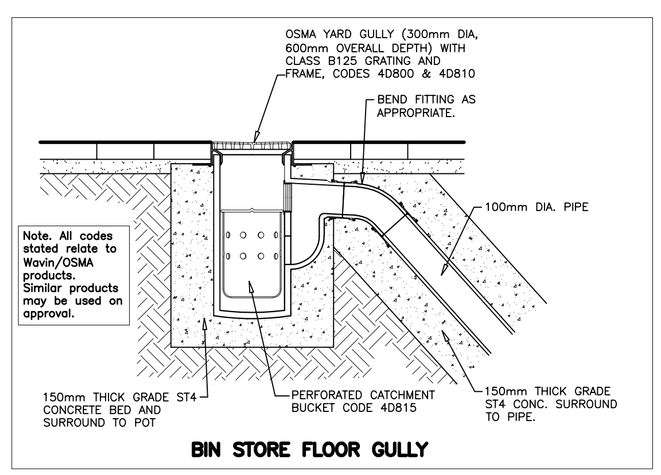
NOTE: FOR CLARITY ALL PIPES NOTED WITHIN THE EXTERNAL WORKS DRGS. ARE REFERED TO AS THEIR NOMINAL BORE SIZE FOR ALL TYPES OF PIPE MATERIAL

GRANULAR BEDDING MATERIAL TO B.S. 5955: Pt 6:1980: TABLE 2

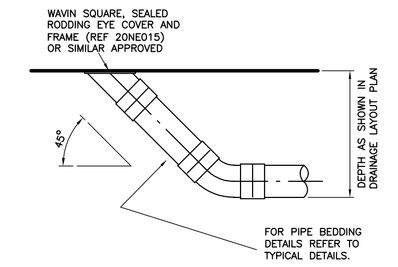


CATCHPIT/SILT TRAP TYPE CP (REDUCED ACCESS TELESCOPIC P.P.I.C.)

DEPTH TO INVERT 3.0m MAX



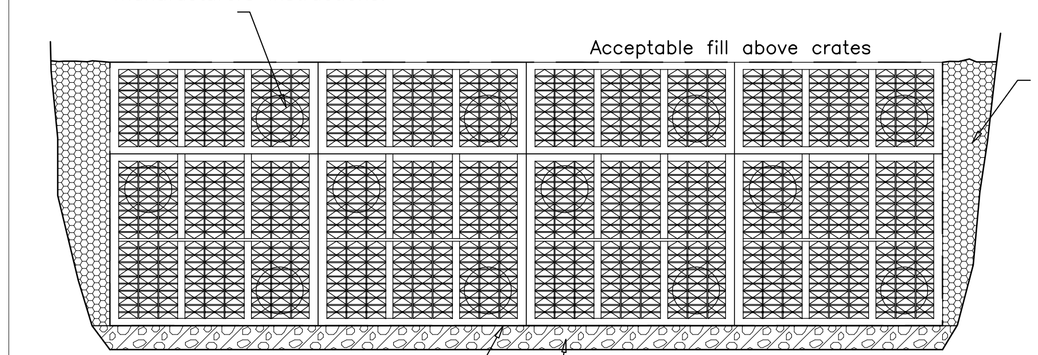
BIN STORE FLOOR GULLY



RODDING EYE DETAIL.

TO BE USED IN PEDESTRAIN AND LANDSCAPED AREAS NOT SUBJECT TO VEHICULAR LOADING.

Note. The storage tank must be vented to finish surface level with a 100mmø uPVC pipe finishing in a suitable vent box at surface level, eg, Hepworth Plastidrain Square Hopper with grid (Ref 4H10A/4H11B) or similar approved. Vent box location to be in a pedestrian/landscaped area close to the storage tank, exact location to be agreed with the Client.



CRATE SOAKAWAY

ISSUE	REVISION	DATE	INITIAL
T1	FIRST ISSUE FOR TENDER	16/06/19	SH

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Project

HERNE HOUSE

Client

IMPRESSIVE ERECTIONS

dda ENGINEERS
Unit 1 Spa Heights, 63/67 Rosoman Street, London EC1R 0HY

Title

EXTERNAL DRAINAGE CONSTRUCTION DETAILS

CIVILS DRAWING

Designed	SH	Approved	
Drawn	HAL	Project Engineer/Director	Date
Scale	NTS @ A1	North	Drawing No: 1823-DDA-XX-DR-C-0601 Issue T1
Date	JUNE 2019		