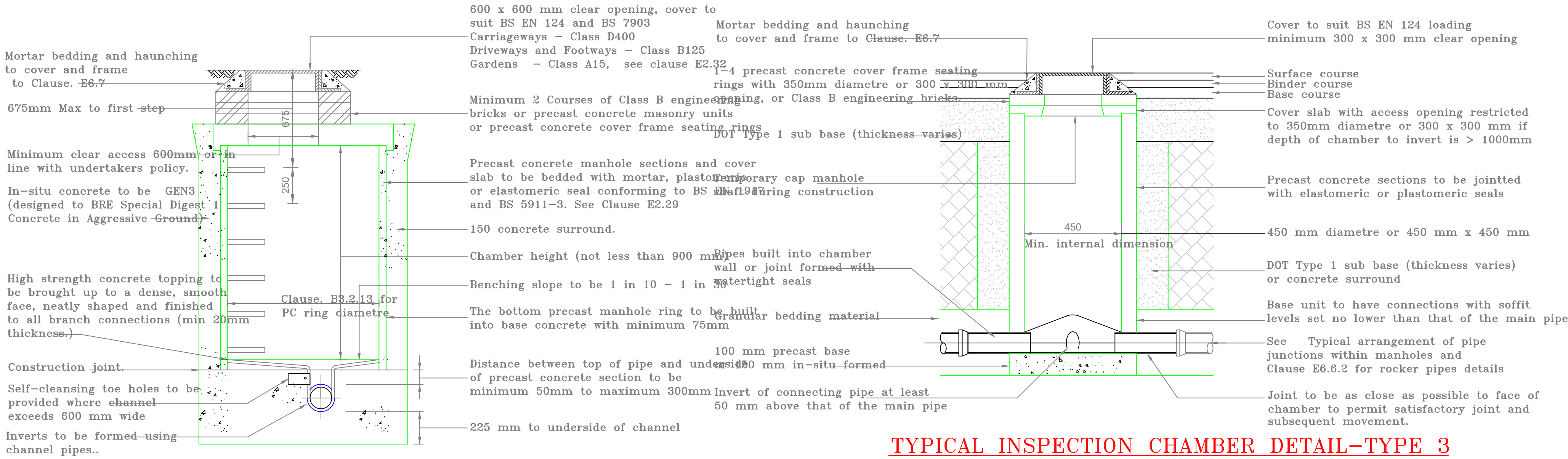
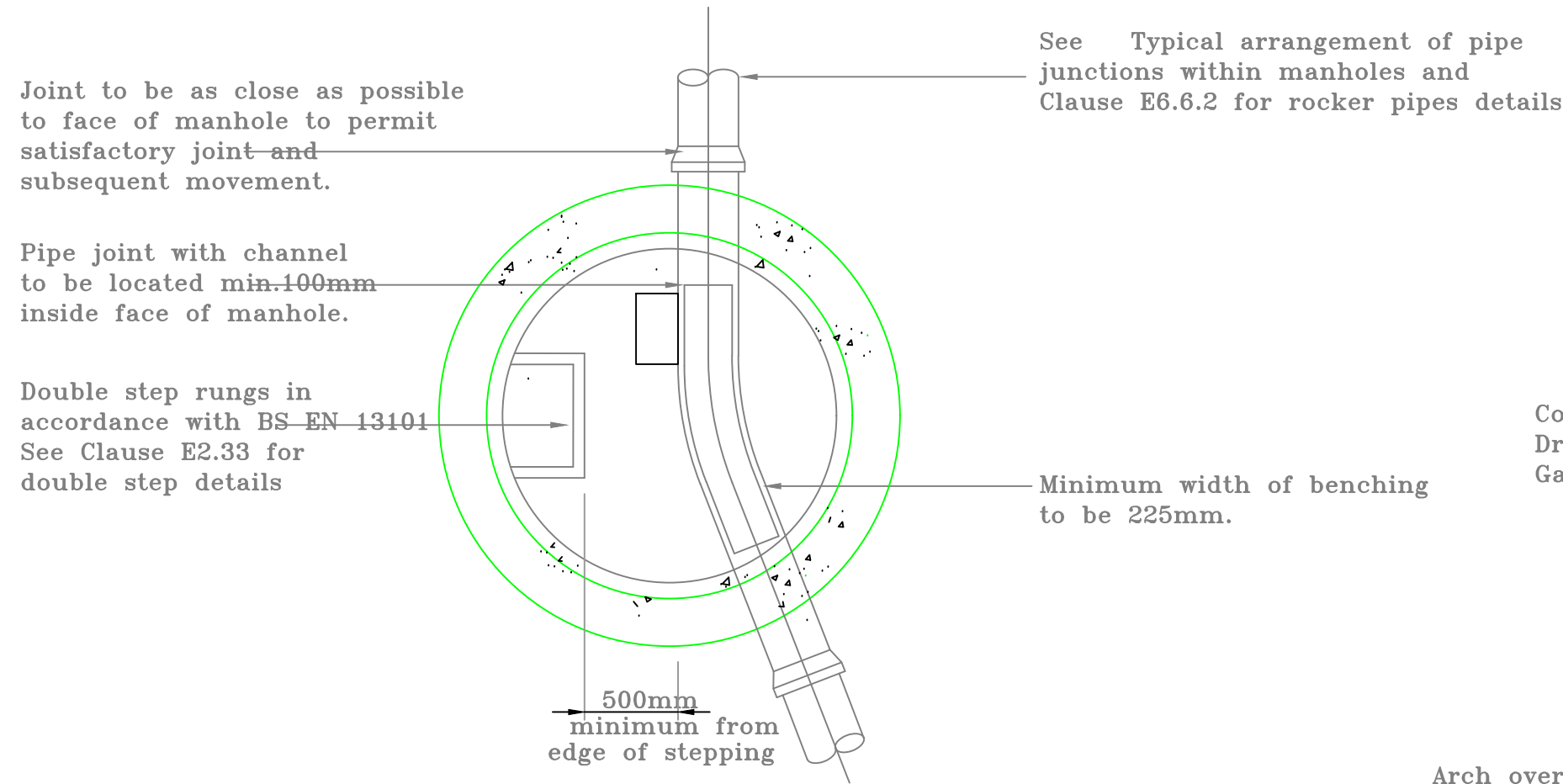




TYPICAL MANHOLE DETAIL-TYPE 2
(MAX DEPTH FROM C.L. TO SOFFIT OF PIPE 3000MM)

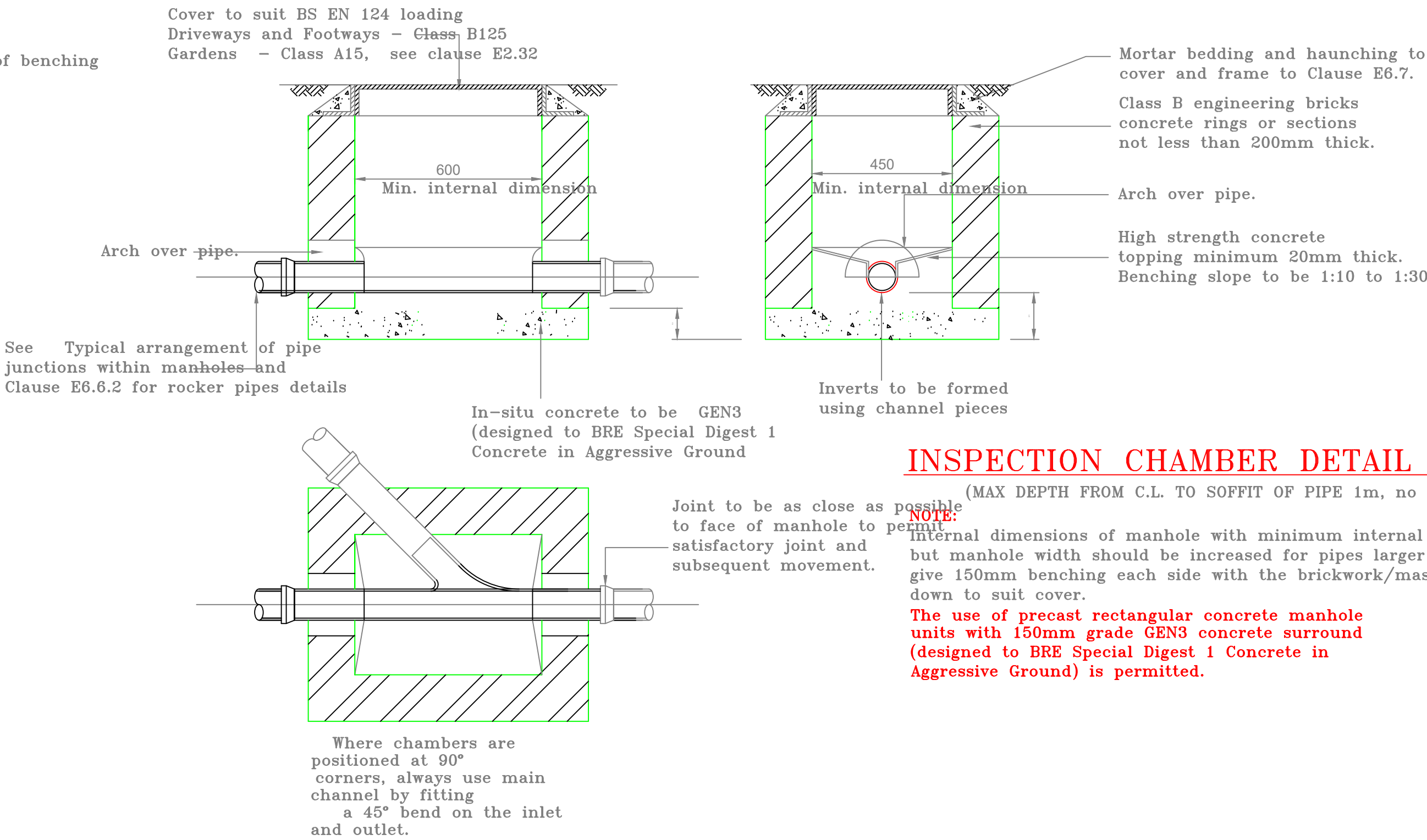


TYPICAL INSPECTION CHAMBER DETAIL-TYPE 3

(MAX DEPTH FROM C.L. TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3000MM, NON-ENTRY)
NOTE: Where the access chamber is in the highway the Highway Authority can have specific requirements

ADOPTABLE DRAINAGE INSPECTION CHAMBERS / MANHOLES

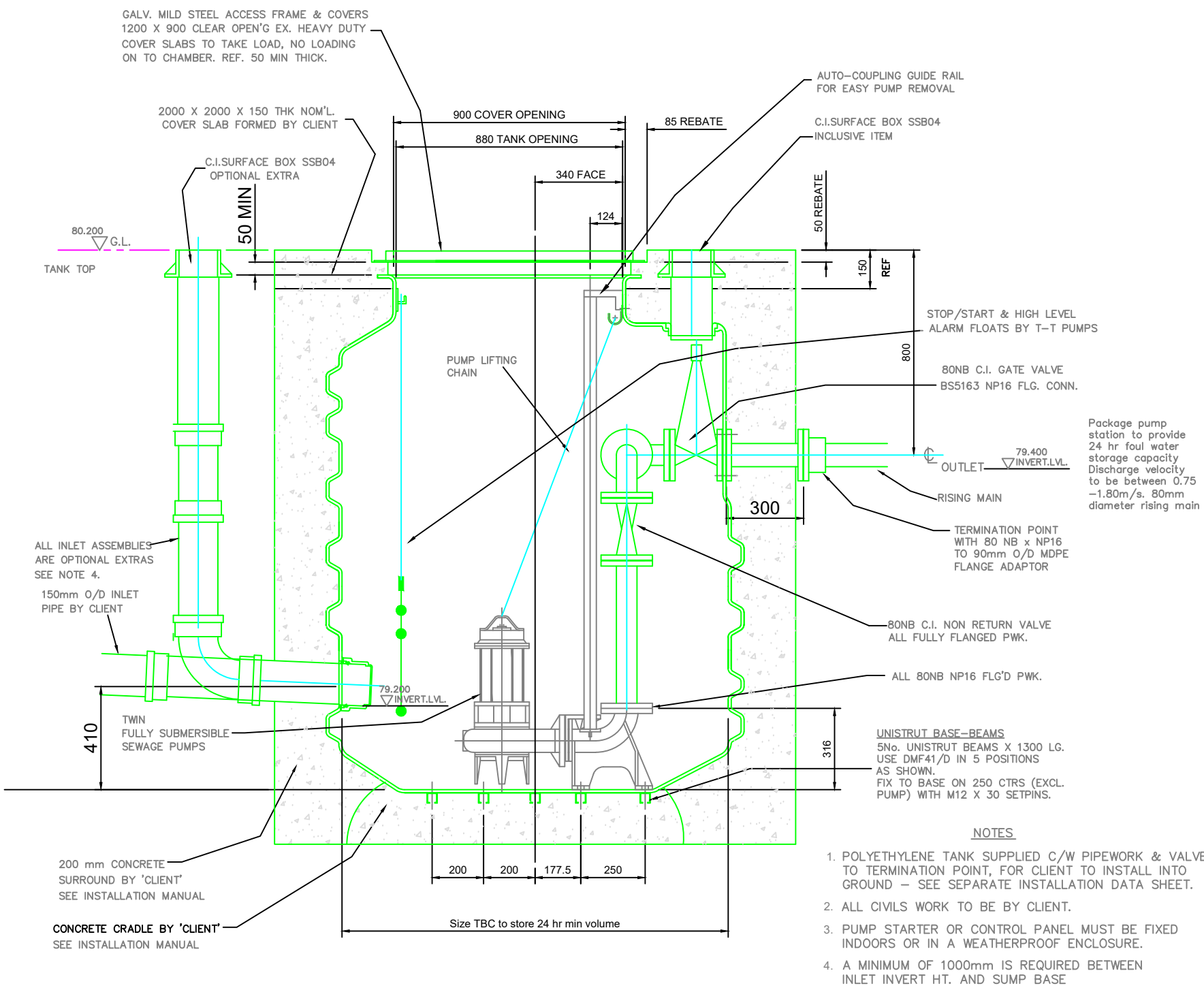
1:25



INSPECTION CHAMBER DETAIL - TYPE 4

(MAX DEPTH FROM C.L. TO SOFFIT OF PIPE 1m, no entry)

NOTE: Internal dimensions of manhole with minimum internal dimensions 450x600mm but manhole width should be increased for pipes larger than 150mm dia. to give 150mm benching each side with the brickwork/masonry units corbelled down to suit cover.
The use of precast rectangular concrete manhole units with 150mm grade GEN3 concrete surround (designed to BRE Special Digest 1 Concrete in Aggressive Ground) is permitted.



SECTION ELEVATION OF PUMP CHAMBER
(THOUGH MAY VARY DEPENDING ON CHOSEN PUMP CHAMBER SUPPLIER)

NOTES

1. This drawing is to be read in conjunction with all relevant Engineers drawings and specifications.
2. All dimensions are in millimetres unless noted otherwise.
3. The Contractor is responsible for the setting out and for checking all dimensions.
4. In accordance with The Construction (Design and Management) Regulations 2015 (CDM 2015) the Principal Designer and Contractor are to:
 - Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan (if applicable)
 - Provide risk assessments and method statements for all potential hazards relevant to this project.

Date	By	Revision	QA'D	Chk'd	Ref
Status	PRELIMINARY				
 Cowan Consultancy STRUCTURAL, CIVIL AND BUILDING CONSULTANTS Also at: Landguard Manor Landguard Manor Road Shanklin Isle of Wight PO37 7JB					
3 Turnberry House 4400 Parkway Whiteley Fareham Hampshire PO15 7FJ			Tel: 01489 577488 Fax: 01489 579873 consultants@cowanconsult.co.uk www.cowanconsult.co.uk		
Client	IMPERIAL HOMES				
Project	SPRINGFIELDS ALDINGBOURNE				
Title	DRAINAGE DETAILS 2 OF 2				
Date	MAY 2021	Scale	AS SHOWN	© A1	Drg. No.
Drawn	TB	Chk'd	EG	QA'D	435050-204F

APPROVED FOR CONSTRUCTION

DO NOT SCALE THIS DRAWING