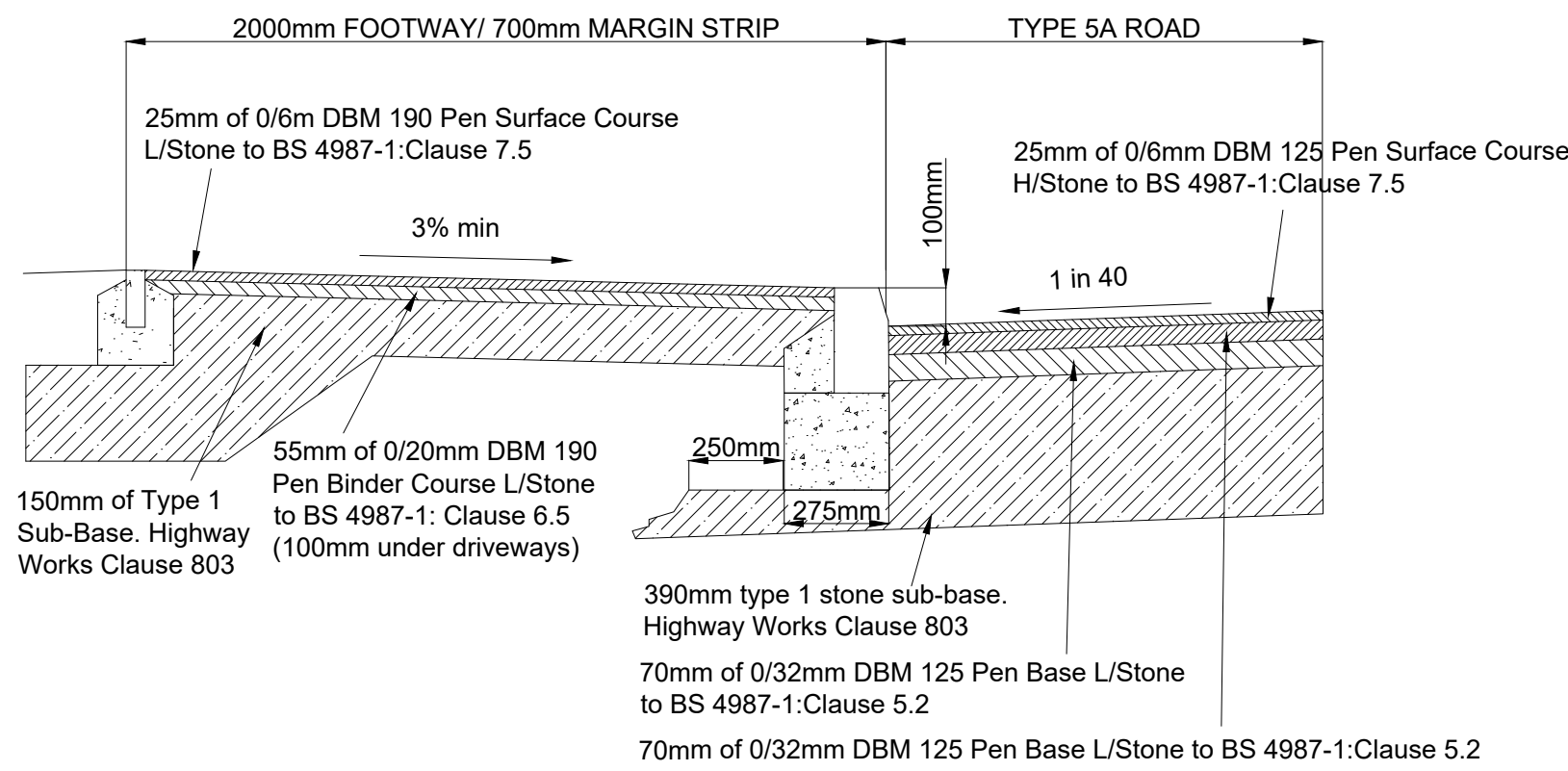
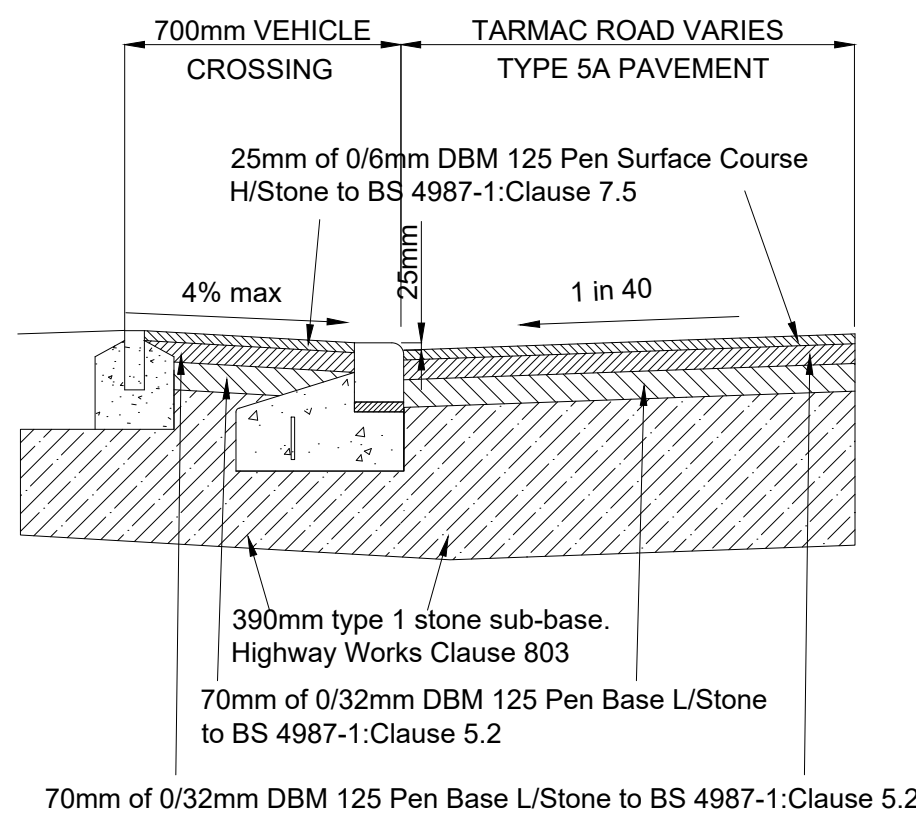


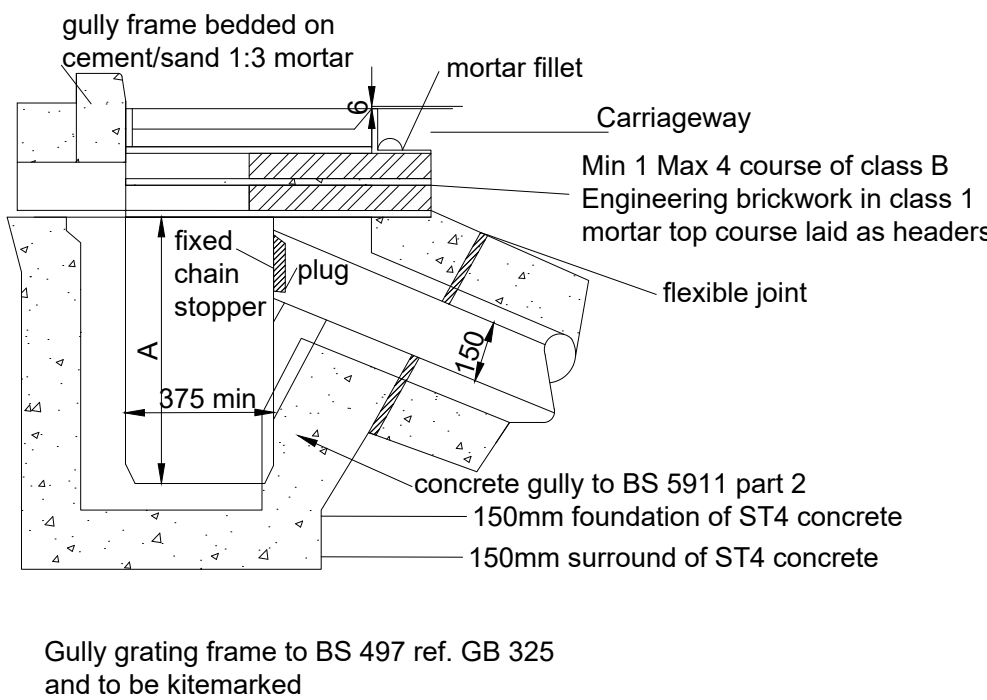
FOOTWAY & TARMAC ROAD



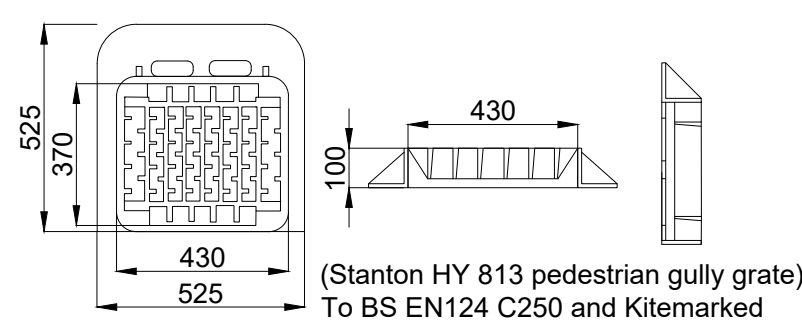
FOOTWAY & TARMAC ROAD



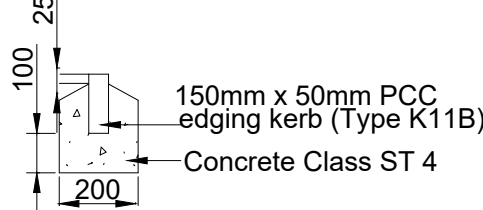
TYPICAL ROAD GULLY DETAILS



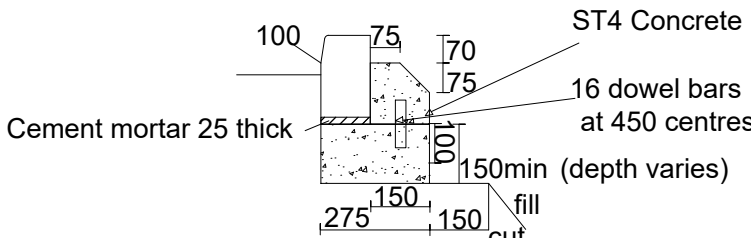
C250: GULLY GRATING AND FRAME: TYPE 4 & 5 ROADS



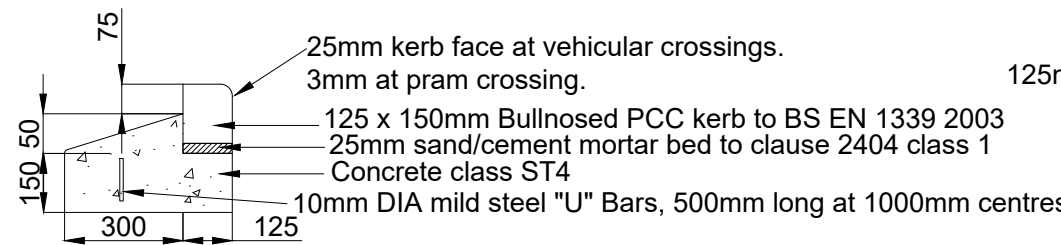
FOOTPATH/FOOTWAY EDGING TYPE: EF



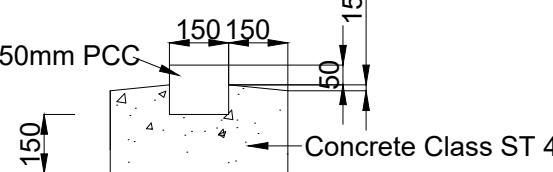
HALF BATTERED KERB (125X255) HB2



DETAIL B: DROPPED KERB TYPE: BN



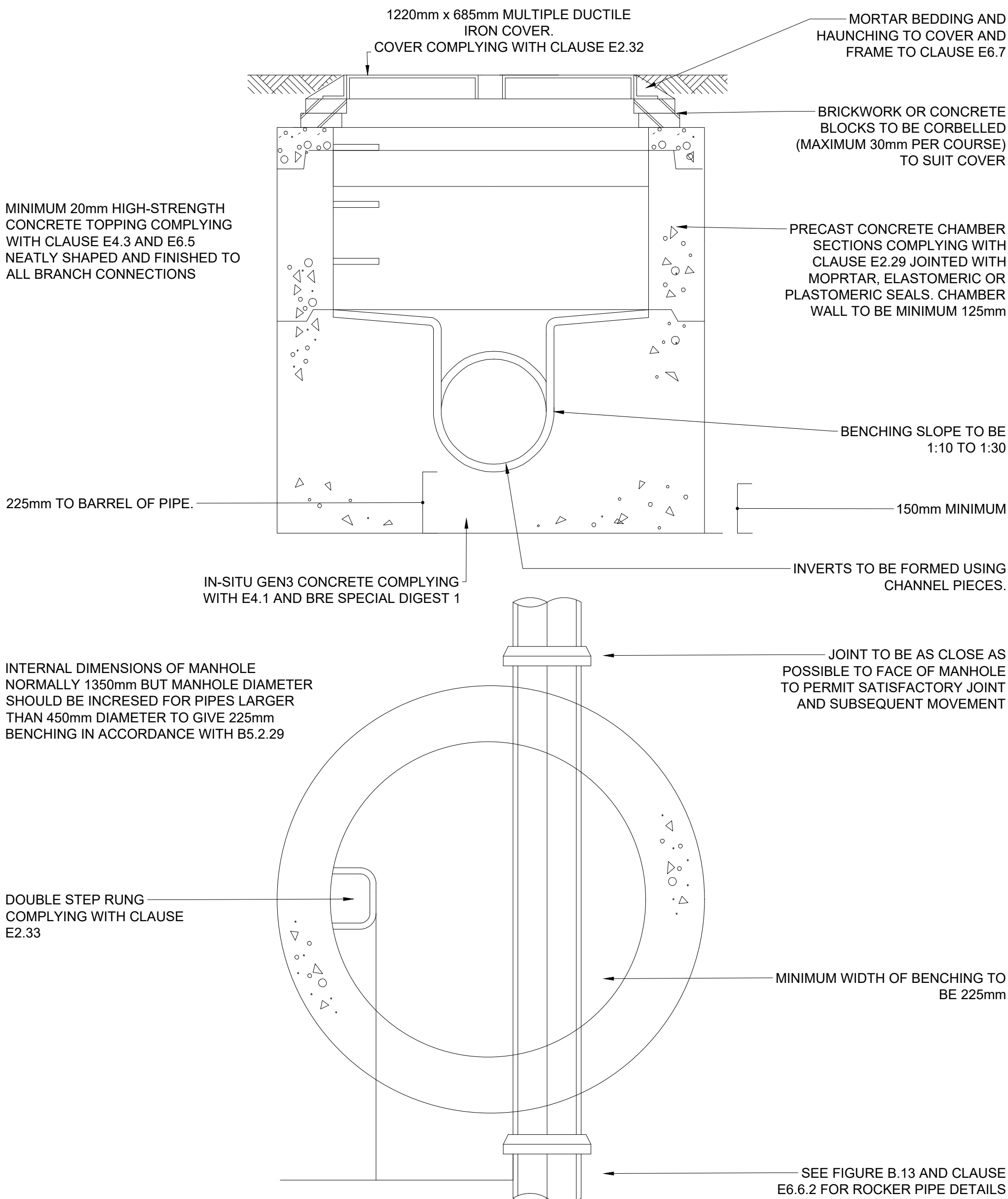
CS2 CHANNEL BLOCK



Minimum trench widths EN1610	
Pipe diameter	Supported trench
Up to 225mm	Outside pipe diameter + 400mm
225mm to 350mm	Outside pipe diameter + 500mm
350mm to 700mm	Outside pipe diameter + 700mm
700mm to 1200mm	Outside pipe diameter + 850mm
Over 1200mm	Outside pipe diameter + 1000mm

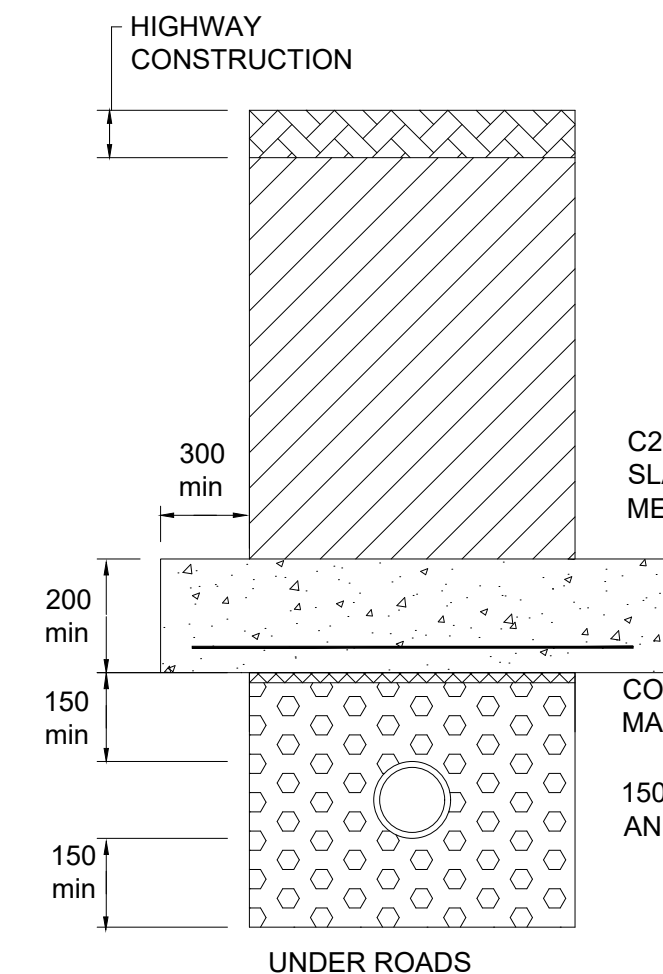
Szing of bedding material IGN 4-08-01		
Pipe diameter	Aggregate	
	Nominal single sized	Graded
Up to 100mm	10mm	
100mm to 150mm	10mm 14mm	14mm to 5mm
150mm to 300mm	10mm 14mm 20mm	14mm to 5mm 20mm to 5mm
300mm to 550mm	14mm 20mm	14mm to 5mm 20mm to 5mm
Over 550mm	20mm 40mm	14mm to 5mm 20mm to 5mm 40mm to 5mm

TYPICAL MANHOLE DETAIL - TYPE C
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE LESS THAN 1.5m
MAXIMUM PIPE SIZE 450mm DIAMETER
RIGID MATERIAL CONSTRUCTION



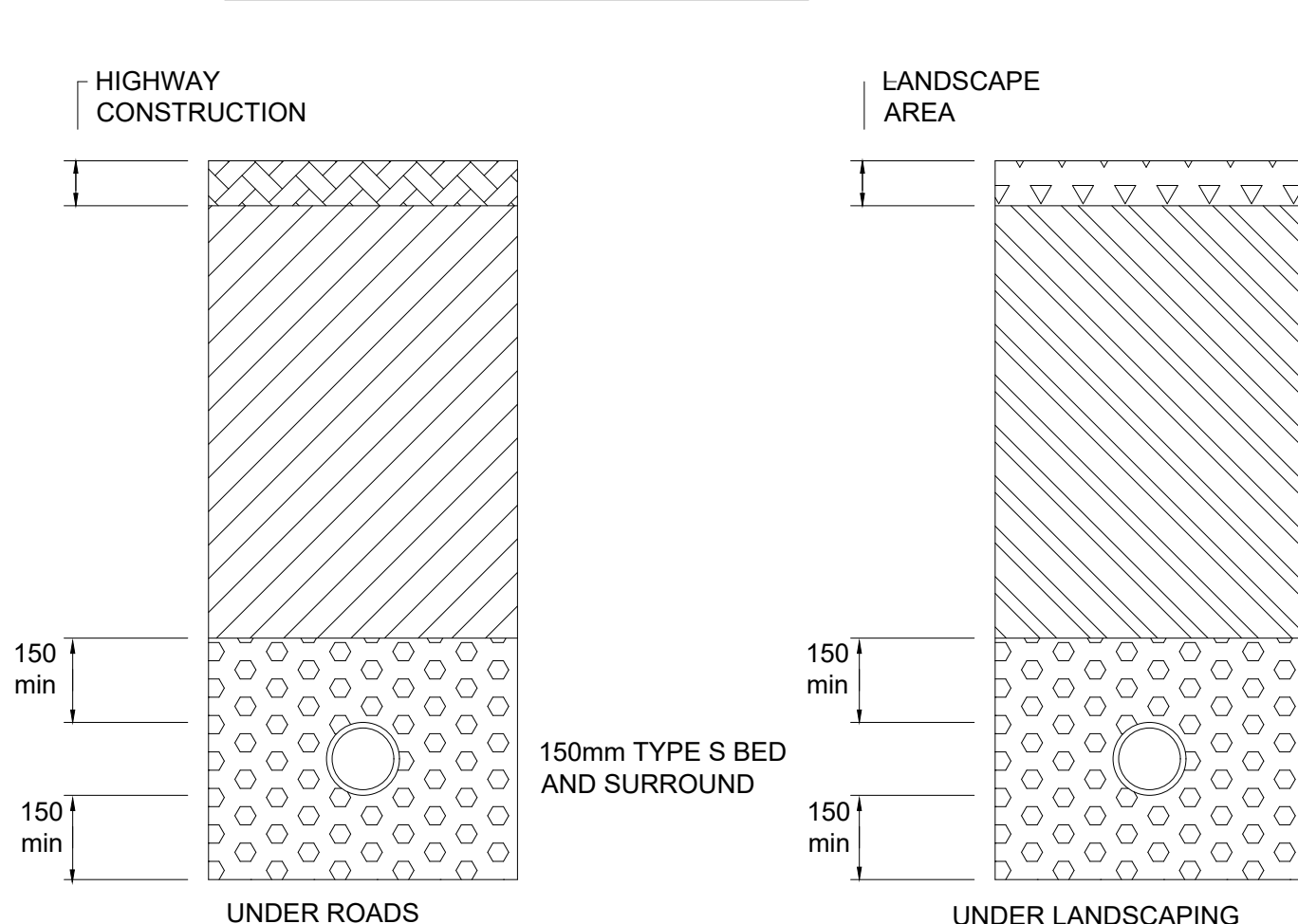
NOTE: THE USE OF PRECAST CHAMBER UNITS TO E2.29 WITH 150mm GEN3 IN-SITU CONCRETE COMPLYING WITH E4.1 AND BRE SPECIAL DIGEST 1 IN PLACE OF BRICKWORK CONSTRUCTION IS PERMITTED.

DRAINS WITH CONCRETE PROTECTION



APPLICABLE UNDER ROADS / SERVICE YARDS WHERE DRAINS HAVE LESS THAN 1200mm COVER IF ADOPTED OR LESS THAN 900mm IF NOT ADOPTED.

DRAINS WITH FLEXIBLE BED AND SURROUND



APPLICABLE UNDER ROADS / SERVICE YARDS WHERE DRAINS HAVE MORE THAN 1200mm COVER IF ADOPTED OR MORE THAN 900mm IF NOT ADOPTED.

APPLICABLE UNDER FOOTPATHS VERGES AND OTHER NON TRAFFICKED AREAS WHERE DRAINS HAVE MORE THAN 350mm COVER

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- All brick work within adoptable highway to be class B solid engineering bricks.
- No water from private curtilages to discharge onto the highway.
- 150x150mm channel bocks are to be used when channel gradients are: Between 1:25% (1 in 80) and 0.67% (1 in 150) or greater than 10% (1:10) to prevent scouring.
- Between the layers on the tarmacadam roads a hot tanker applied bitumen tack coat is required in accordance with the specification for Highway Works, as follows:
 - Binder classification and application details to CL 920
 - The binder shall be bitumen emulsion to BS 434: Part 1
 - The binder shall be class A1-40 or K1-40
 - Rate of spread shall be 0.3 to 0.5/m2
 - Permitted additives to binder: NONE
 - Blinding material: NONE.
- Hand lance to be used on footpaths and small areas.
- When the width of backfill, base or sub-base is less than 1.0m, concrete mix ST5 25 N/mm2 shall be used in lieu. The width of the concrete will vary from 0.0m to 1.0m; although in lieu of Sub-base under the kerbs, the width will not be less than total thickness of the full carriageway construction. 100mm of surfacing is required on top of the ST5 concrete mix.
- All utility services to be laid in accordance with the latest NUJG guidance publication.
- All vertical faces which abut tarmac surfacing to be painted with a tack-coat of 200open bitumen.
- All Sub-Base depths subject to agreement with DMBC follow acceptance of the CBR testing results. If the ground is frost susceptible the minimum road construction depth will be 450mm, ground frost susceptibility to be confirmed by the Geotechnical Engineer.

REV	DATE	NAME	CHECK	NOTE
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DRAWING STATUS:

FOR APPROVAL

CLIENT

OAK AND PROSPER
CONSTRUCTION LTD



PROJECT

PARK ROAD, WORSBROUGH

DRAWING TITLE

CONSTRUCTION DETAILS

DRAWN	CHECKED	APPROVED
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NGP	CR	CR
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DATE	SCALE @ A1
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10 March 2025	N.T.S
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DRAWING No.	REVISION No.
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OP-1803-01-HW-003