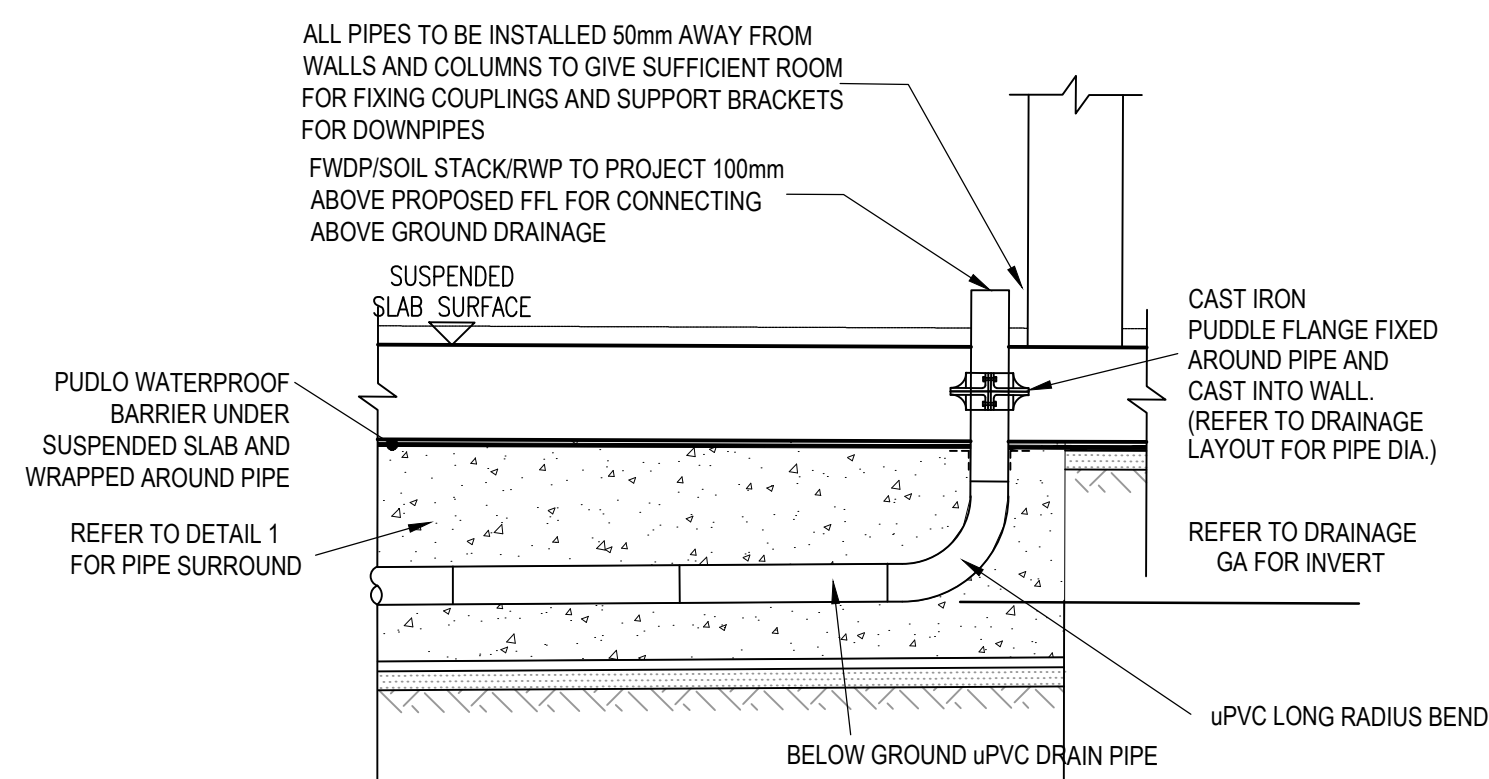


PIPE BEDDING BELOW SUSPENDED SLAB

SCALE 1:10

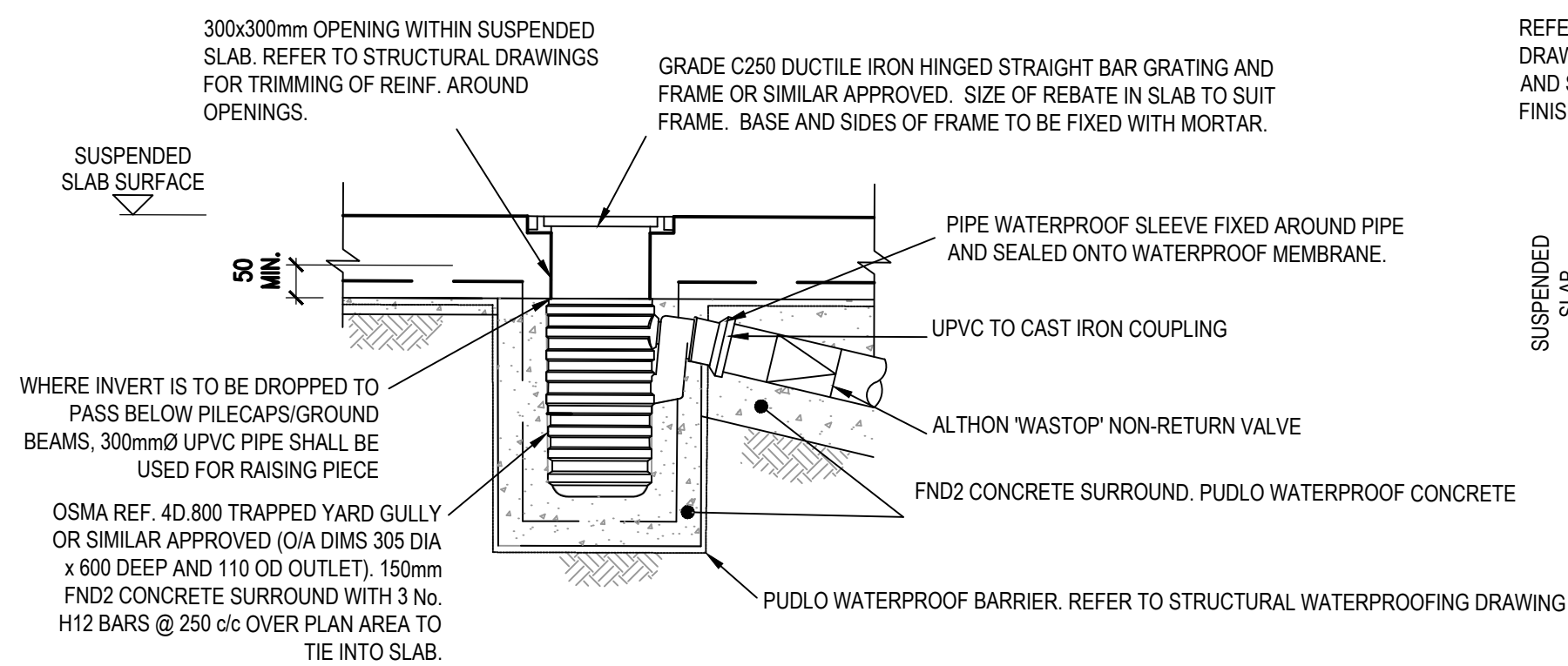
DETAIL 1



CAST THROUGH SUSPENDED SLAB DETAIL

SCALE 1:10

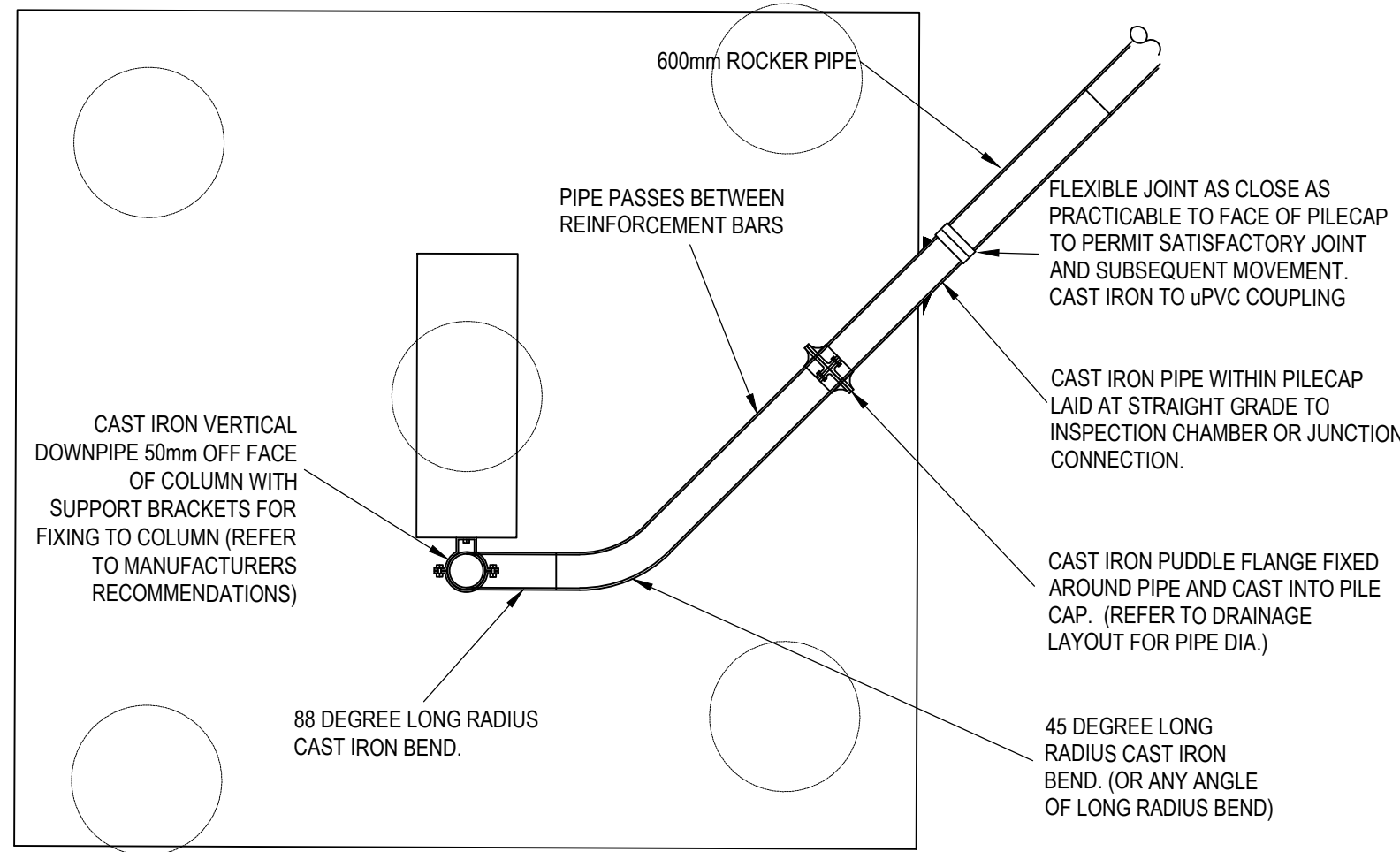
DETAIL 4



TRAPPED YARD GULLY BELOW SUSPENDED SLAB DETAIL (OSMA)

SCALE 1:10

DETAIL 7

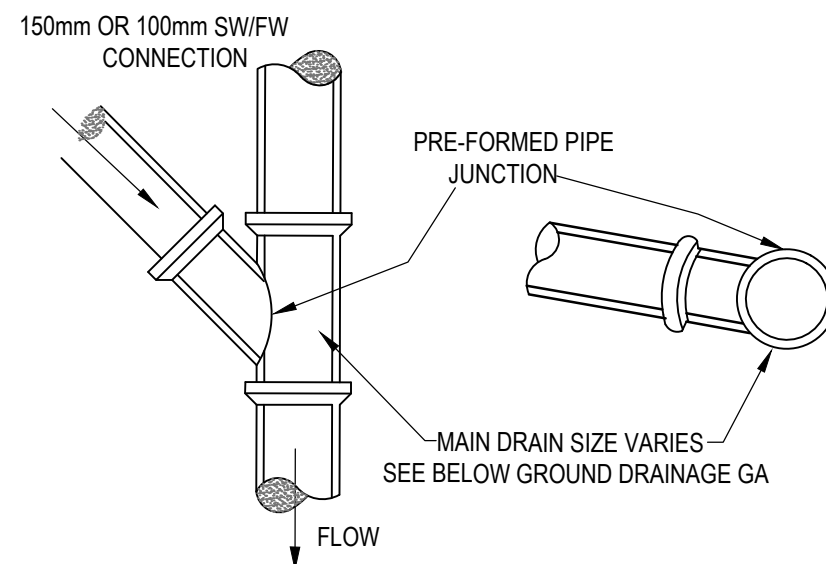


PLAN OF DOWNPIPE PASSING DOWN COLUMN AND INTO PILECAP THEN

BENDING AROUND COLUMN TO AVOID STARTER BARS

SCALE 1:10

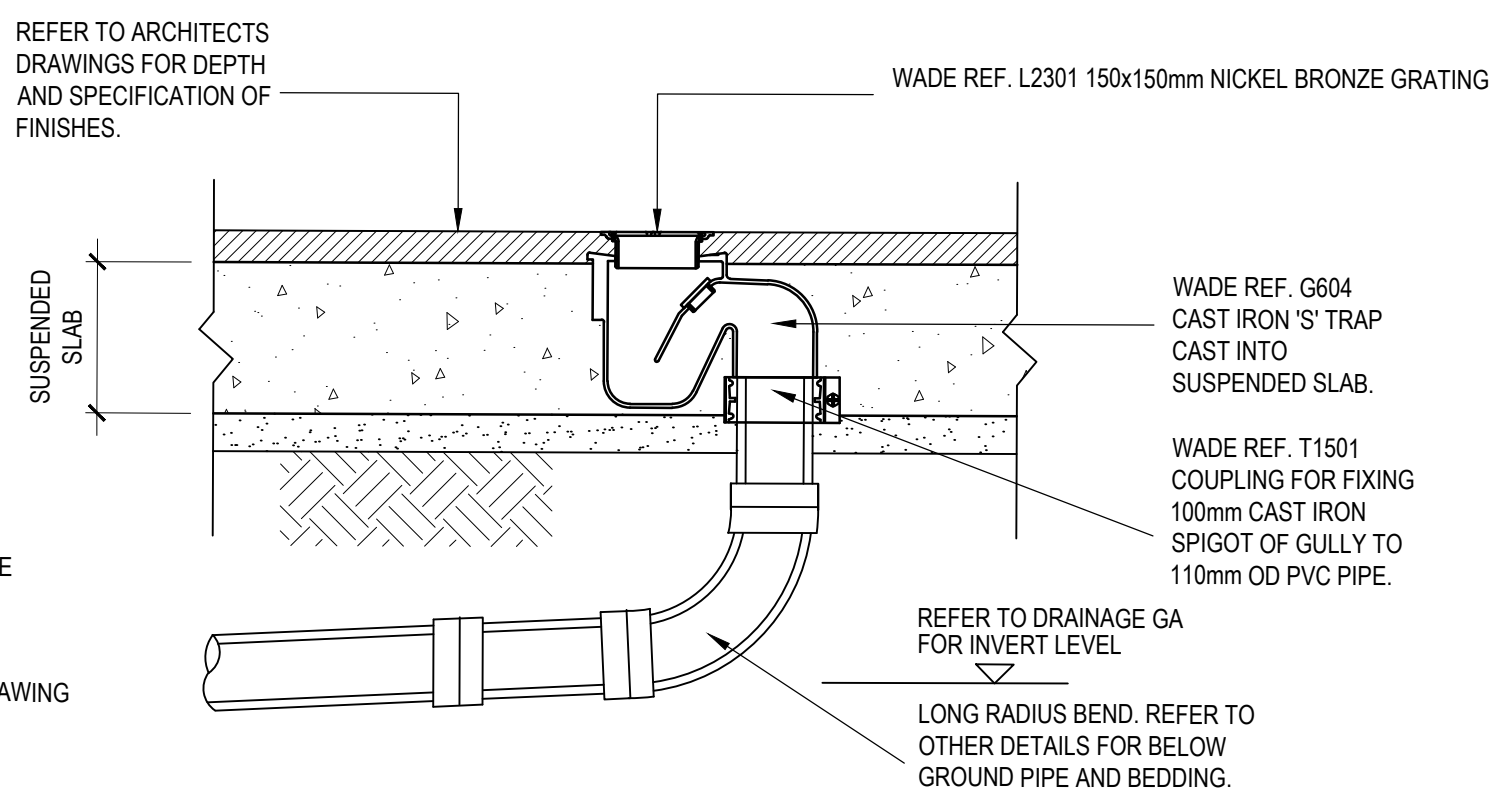
DETAIL 2



TYPICAL 'Y' JUNCTION CONNECTION

SCALE 1:10

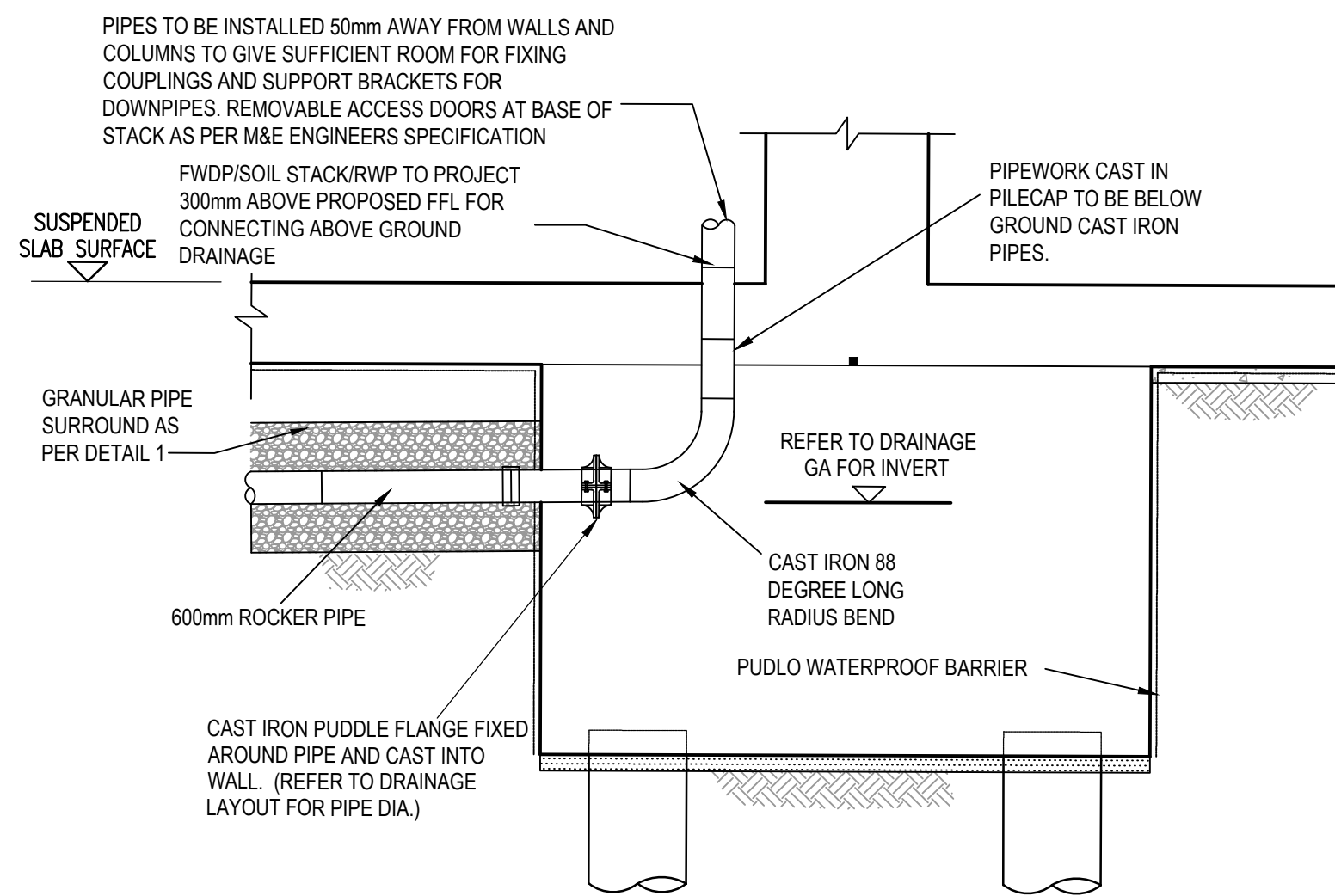
DETAIL 5



SHOWER FLOOR GULLY DETAIL

SCALE 1:10

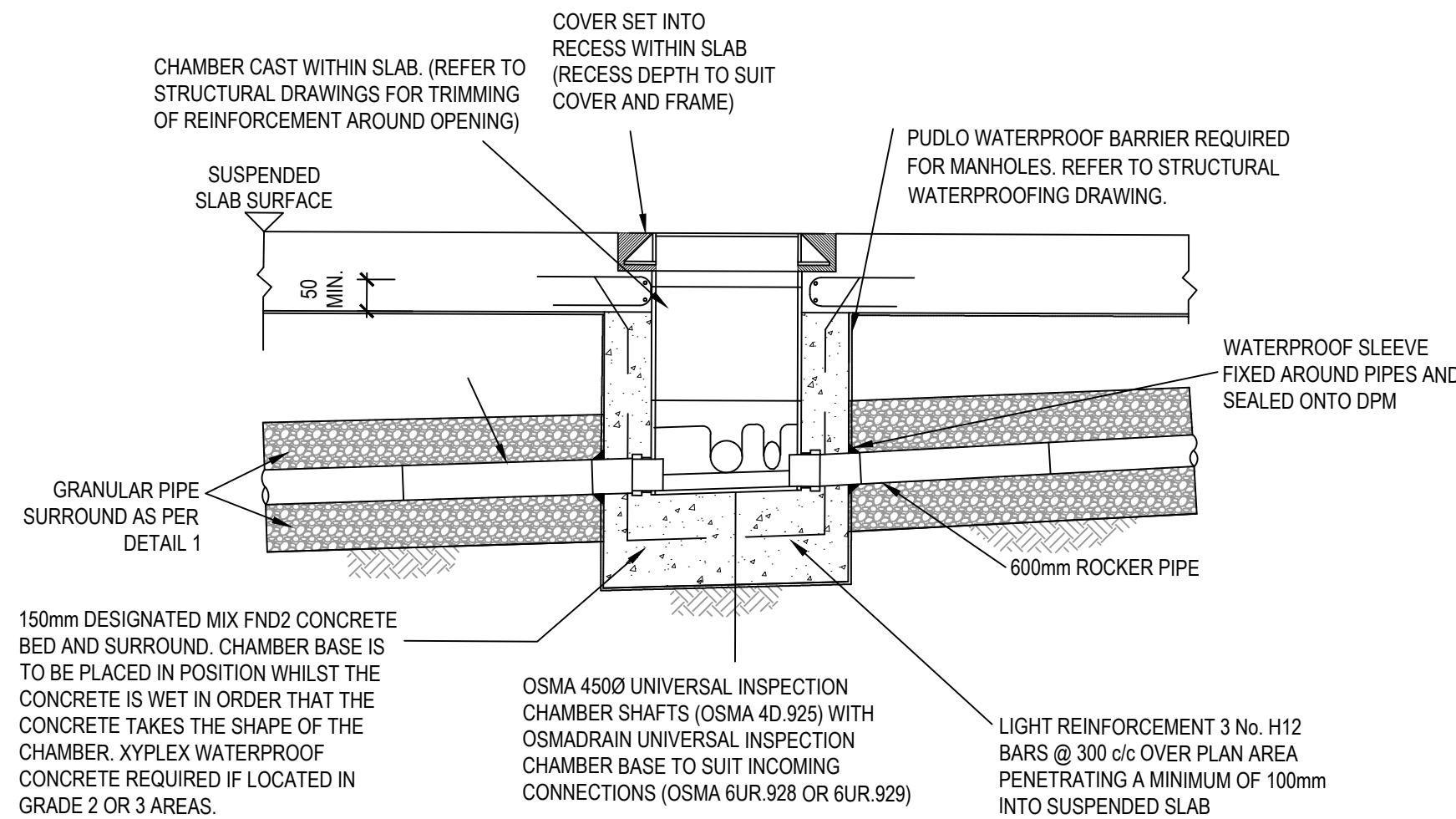
DETAIL 8



FWP/ S/S OR RWP CAST IN SUSPENDED SLAB AND PILECAP

SCALE 1:10

DETAIL 3



POLYPROPYLENE INSPECTION CHAMBER (PPIC &amp; NEIC) IN SUSPENDED SLAB (OSMA)

4500 PPIC MAXIMUM DEPTH TO INVERT OF CHAMBER TO BE 600mm TO 1200mm - CUT TO INTERMEDIATE SIZES

6000 NON ENTRY PPIC DEPTH TO INVERT OF CHAMBER TO BE 1200mm TO 3000mm - CUT TO INTERMEDIATE SIZES

DETAIL 6

SCALE 1:10

## GENERAL NOTES

- 1.1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF PATRICK PARSONS LTD.
- 1.2. DO NOT SCALE FROM THIS DRAWING.
- 1.3. ALL DIMENSIONS TO BE CHECKED ON SITE AND CO-ORDINATE WITH RELEVANT ARCHITECT'S DRAWINGS. ANY DISCREPANCIES TO BE REPORTED TO ENGINEER PRIOR TO CONSTRUCTION.
- 1.4. ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE.
- 1.5. ALL LEVELS IN METERS.
- 1.6. STRUCTURAL SIZES HEREON SHALL NOT BE MODIFIED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS & SPECIFICATIONS.
- 1.7. NOTES

1) THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS.

2) THE COVERS SHALL BE SET TO SAME LEVEL AND FALL AS ADJACENT GROUND.

3) ALL CONSTRUCTION SHALL BE TO CURRENT RELEVANT CODES OF PRACTICE INCLUDING BS EN 752, BS EN 12056, BUILDING REGULATIONS AND MANUFACTURERS RECOMMENDATIONS.

4) ALL BELOW GROUND BRANCH PIPES TO MAIN RUNS SHALL BE 100mm DIAMETER UNLESS STATED OTHERWISE. INITIAL BELOW GROUND 100mm DIAMETER FOUL AND SURFACE WATER LATERAL PIPES SHALL HAVE A MINIMUM FALL OF 1:80 AND 1:100 RESPECTIVELY (UNLESS STATED OTHERWISE). WHERE NECESSARY, AND TO MINIMISE EXCAVATION, LATERAL CONNECTIONS MAY BE LAID TO NOMINAL FALLS INDICATED AND RAMP AT 45 DEGREES TO MANHOLE INVERT OR PIPE JUNCTION.

5) DOWNPIPES- BENDS AND LATERALS SHALL BE CAST WITHIN PILECAPS OR SLABS WHERE INDICATED. ALL PIPEWORK CAST WITHIN CONCRETE AND WHERE COVER IS LESS THAN 600mm BELOW A SLAB, SHALL BE CAST IRON AND SHALL BE INSTALLED AVOIDING REINFORCEMENT.

6) ALL PIPEWORK NOT CAST WITHIN CONCRETE AND GREATER THAN 600mm BELOW SLABS SHALL BE UPVC IN ACCORDANCE WITH ALL RELEVANT MANUFACTURING STANDARDS, WITH A 150mm SHINGLE SURROUND, EXCEPT SEWER CONNECTIONS THAT SHALL BE VITRIFIED CLAY PIPES IN ACCORDANCE WITH BS EN 295.

7) ALL CAST IRON DRAINAGE WITHIN CONCRETE SHALL BE AIR TESTED BEFORE CONCRETE IS POURED TO ENSURE THAT THE SYSTEM IS AIR TIGHT AND ADEQUATELY SEALED.

8) MANHOLE COVERS AND FRAMES SHALL BE IN ACCORDANCE WITH BS EN 124. ALL COVERS WITHIN CAR PARK SHALL BE GRADE C250. ALL ADAPTABLE DRAINAGE COVERS SHALL BE GRADE D400. FOUL WATER MANHOLE COVERS SHALL HAVE A DOUBLE SEAL OR PUSH FIT SEAL PLATE TO PREVENT EGRESS OF ODOUR. REFER TO MANHOLE SCHEDULE FOR STRENGTH CLASS, CLEAR OPENING SIZE AND SPECIFICATIONS. MANHOLE COVERS IN PAVED LANDSCAPED AREAS SHALL HAVE RECESSED COVERS.

9) ALL GULLIES SHALL BE TRAPPED AND RODDABLE (REFER TO DETAILS).

10) THE CONTRACTOR SHALL CHECK AND CONFIRM TO THE ENGINEER ASSUMED SIZES, DEPTHS, LEVELS AND LOCATIONS OF EXISTING SEWERS AND MANHOLES PRIOR TO CONSTRUCTION COMMENCING.

P01	PRELIMINARY ISSUE TO JMS.				
	JA	30.06.20	MG	30.06.20	AD
REV.	REVISION NOTE/COMMENT				
	DRW BY	DATE	CCK BY	DATE	APP BY



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Project  
140 - 146 CAMDEN STREET

Drawing  
BELOW GROUND DRAINAGE  
DETAILS  
SHEET 1 OF 2

Drawn JA	Date 30/06/20
Patrick Parsons Project No. L19065A	Scale @ A1 AS SHOWN

Status Description REVIEW & COMMENT	Status S3
Drawing No. (project-ordinator-volume-level-type-role-number) CSP-PPL-ZZ-XX-DR-C-0215	Revision P01