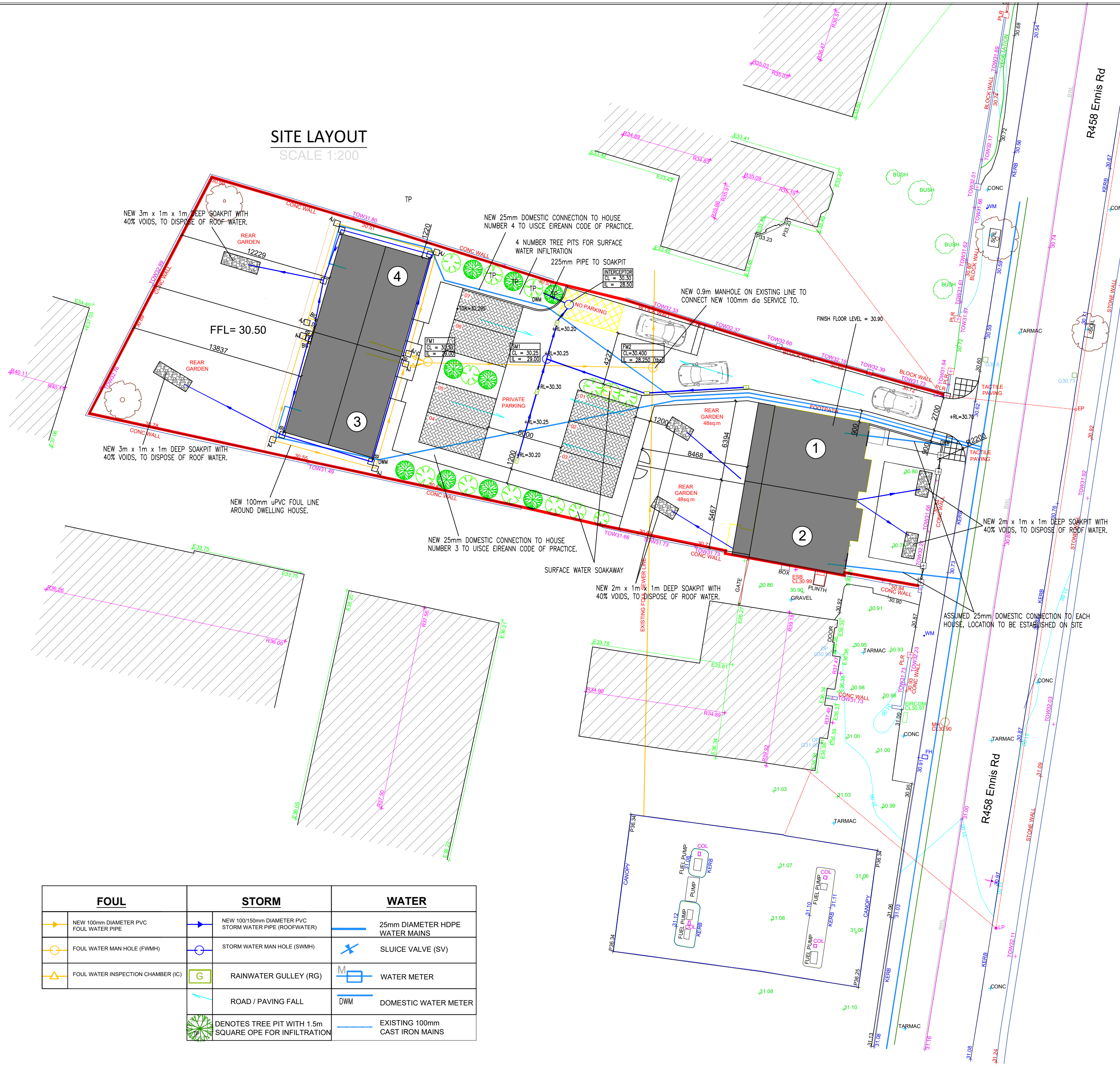
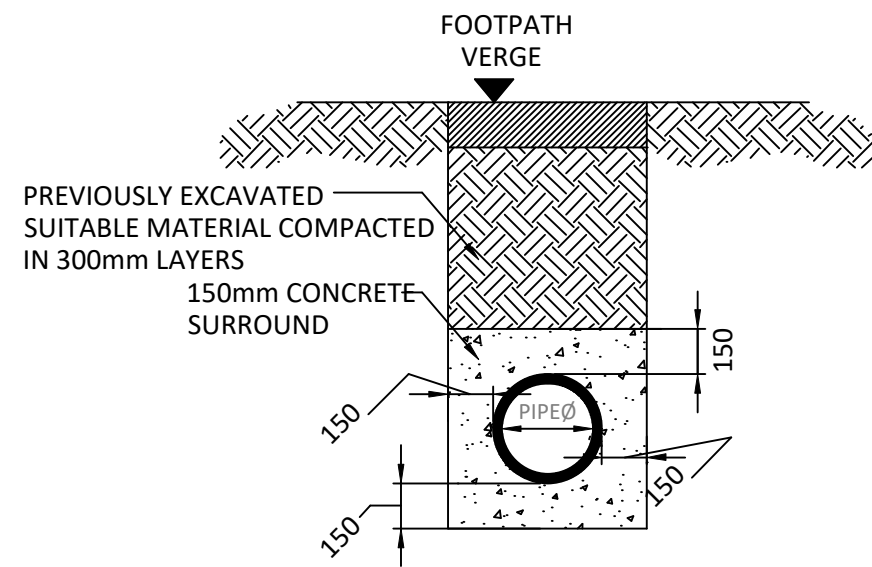


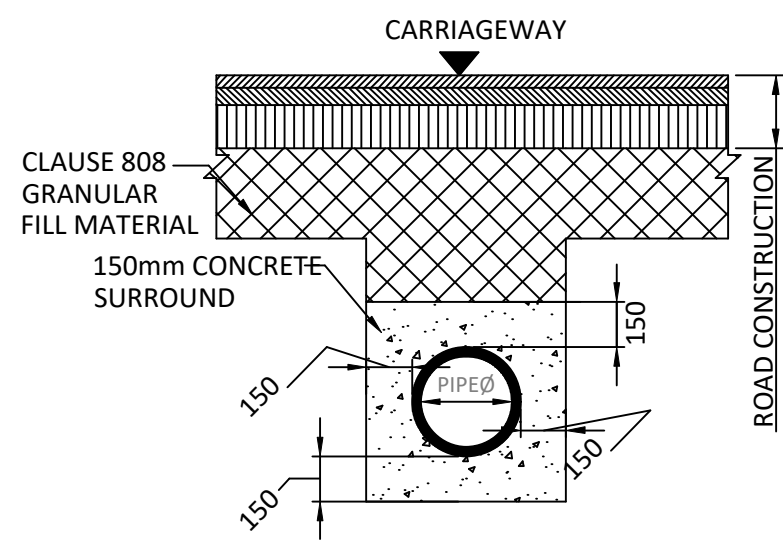
SITE LAYOUT
SCALE 1:200



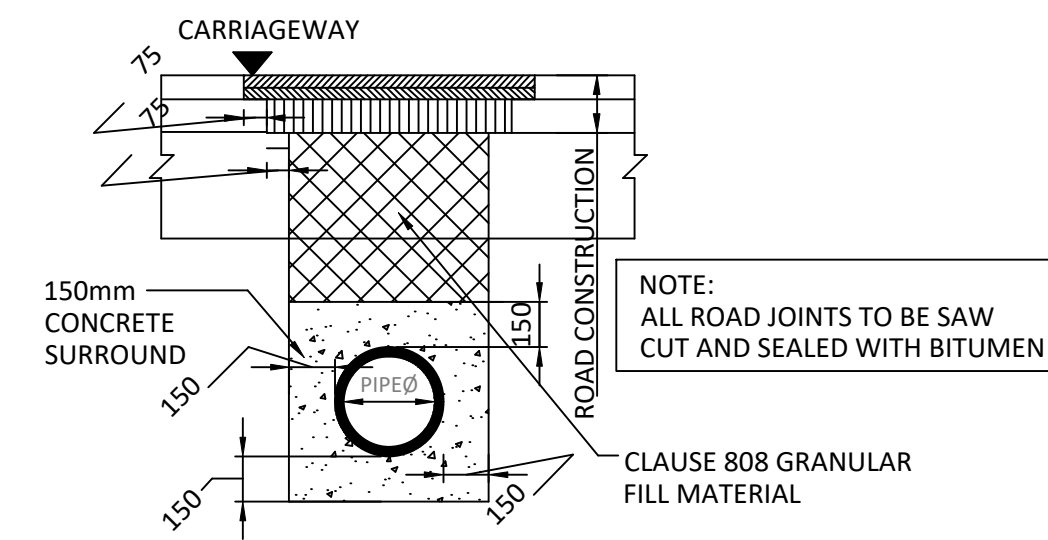
FOUL	STORM	WATER
NEW 100mm DIAMETER PVC FOUL WATER PIPE	NEW 100/150mm DIAMETER PVC STORM WATER PIPE (ROOFWATER)	25mm DIAMETER HDPE WATER MAINS
FOUL WATER MAN HOLE (FWMH)	STORM WATER MAN HOLE (SWMH)	SLUICE VALVE (SV)
FOUL WATER INSPECTION CHAMBER (IC)	RAINWATER GULLY (RG)	WATER METER
	ROAD / PAVING FALL	DOMESTIC WATER METER
	DENOTES TREE PIT WITH 1.5m SQUARE OPE FOR INFILTRATION	EXISTING 100mm CAST IRON MAINS



TYPICAL PIPE BEDDING DETAILS
NON TRAFFICKED AREAS
LESS THAN 900MM TO CROWN
SCALE 1:25



TYPICAL PIPE BEDDING DETAILS
TRAFFICKED AREAS
LESS THAN 1200MM TO CROWN
SCALE 1:25



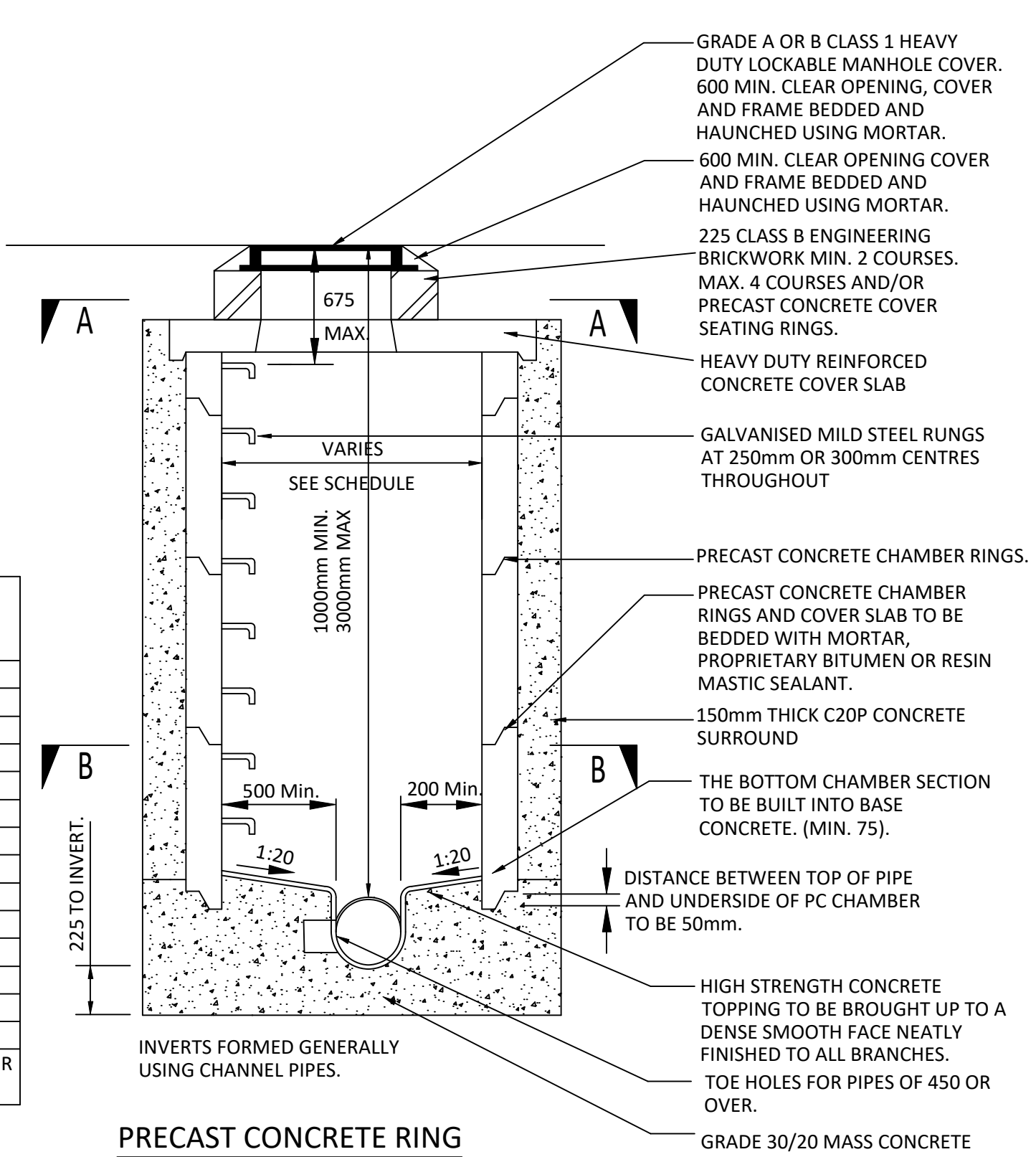
TYPICAL PIPE BEDDING DETAILS
REINSTATEMENT DETAILS TO
TRAFFICKED AREAS (ROADWAY)
LESS THAN 1200MM TO CROWN
SCALE 1:25

PIPE DIAMETER	MANHOLE INTERNAL DIAMETER
225	1200
300	1200
375	1200
450	1200
525	1200
600	1200
675	1350
750	1350
900	1500
1050	2100
1200	2100

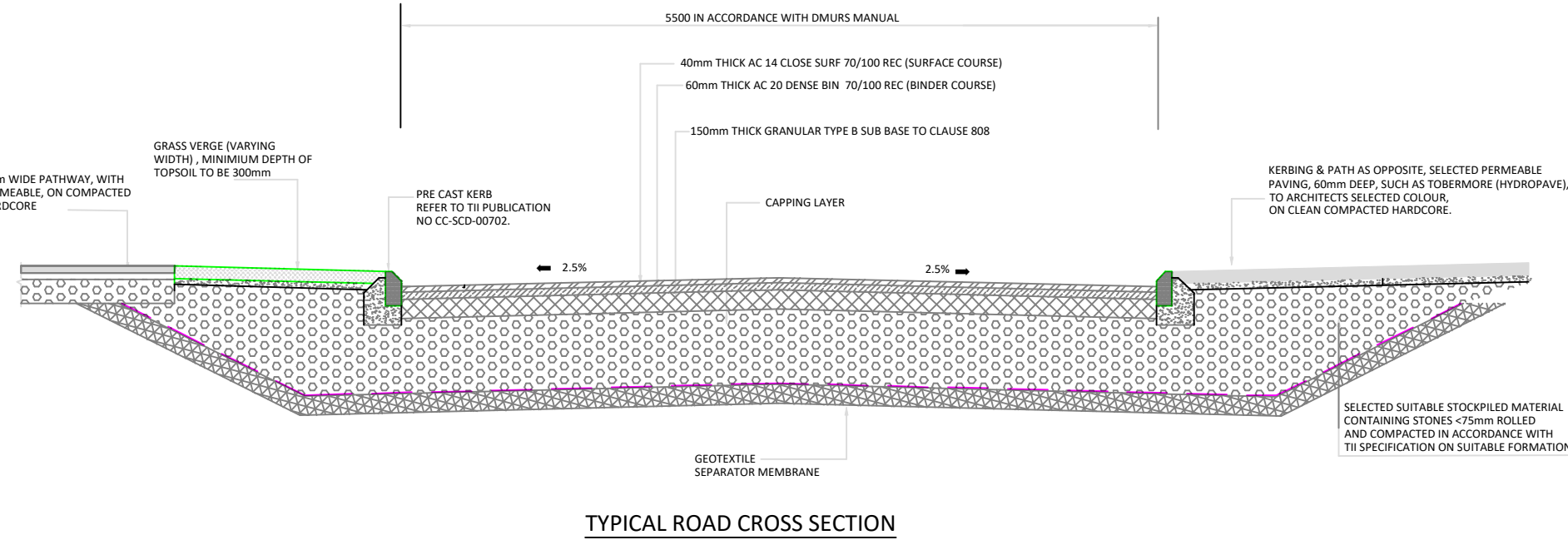
MANHOLE DIAMETERS
FOR VARIOUS
PIPE SIZES

NORMAL INTERNAL DIAMETER	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	450	650
150	500	700
225	600	800
300	700	900
375	950	1150
450	1050	1250
525	1150	1350
600	1250	1450
675	1350	1550
750	1400	1600
825	1500	1700
900	1950	2150
1050	2100	2300
1200	2300	2500
ABOVE 1200	PIPE DIAMETER PLUS 800mm	OUTSIDE DIAMETER PLUS 1000mm

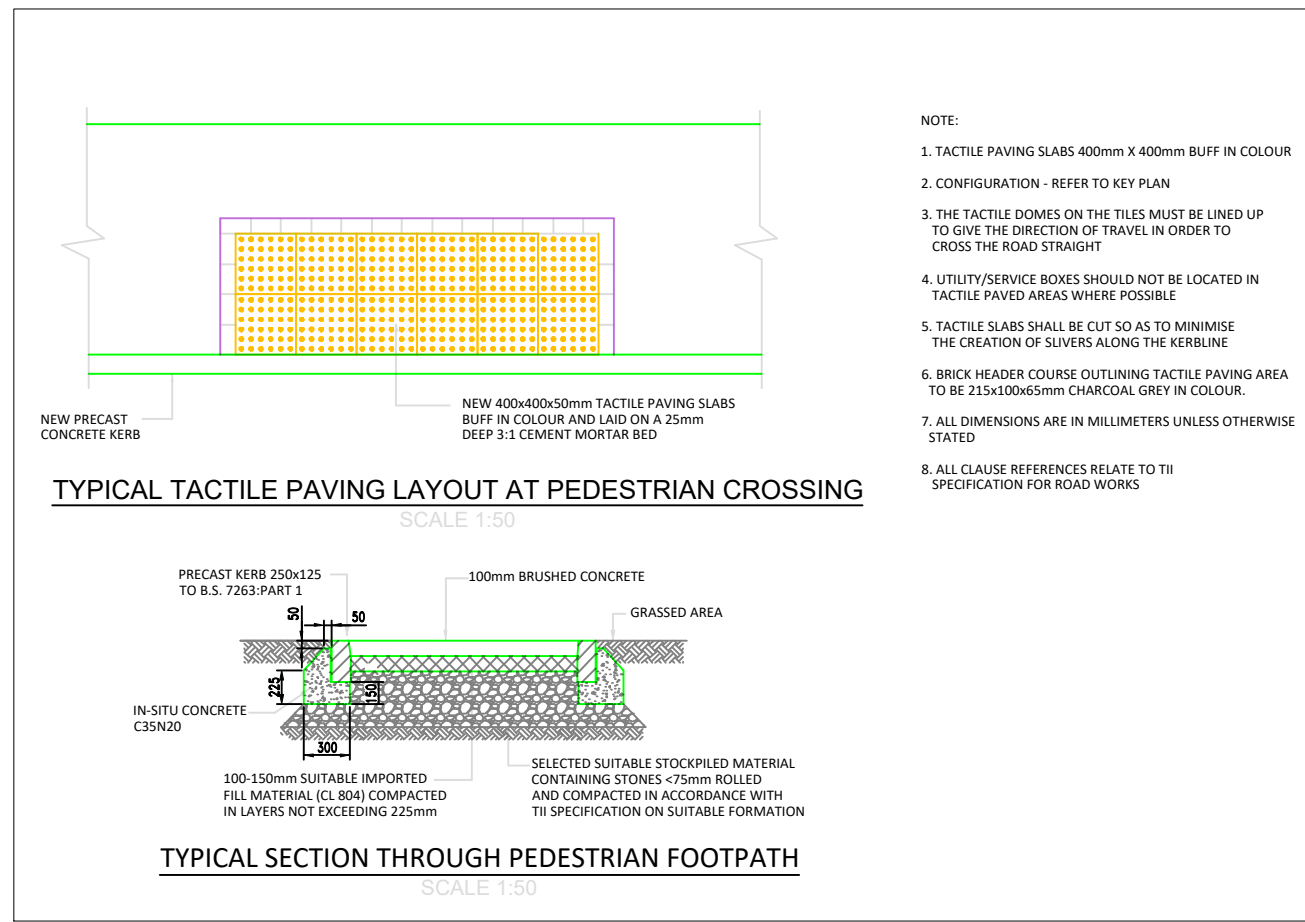
MAXIMUM AND MINIMUM
TRENCH WIDTHS



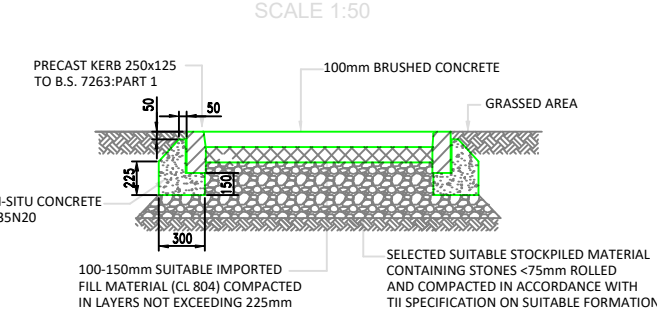
PRECAST CONCRETE RING
MANHOLE DETAIL TYPE J (GDSDS)
SCALE 1:25



TYPICAL ROAD CROSS SECTION



TYPICAL TACTILE PAVING LAYOUT AT PEDESTRIAN CROSSING
SCALE 1:50



TYPICAL SECTION THROUGH PEDESTRIAN FOOTPATH
SCALE 1:50

- NOTE:
1. TACTILE PAVING SLABS 400mm x 400mm BUFF IN COLOUR
 2. CONFIGURATION - REFER TO KEY PLAN
 3. THE TACTILE EDGES ON THE TILES MUST BE BUILT UP TO GIVE THE DIRECTION OF TRAVEL IN ORDER TO CROSS THE ROAD SAFELY
 4. UTILITY SERVICE BOXES SHOULD NOT BE LOCATED IN TACTILE PAVED AREAS WHERE POSSIBLE
 5. TACTILE SLABS SHALL BE CUT SO AS TO MINIMIZE THE CREATION OF SLIVERS ALONG THE KERBLINE
 6. BRICK HEADER COURSE OUTLINING TACTILE PAVING AREA TO BE 215x100x65mm CHARCOAL GREY IN COLOUR
 7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 8. ALL CLAUSE REFERENCES RELATE TO TB SPECIFICATION FOR ROAD WORKS

NOTE:
NO DIMENSIONS TO BE SCALED FROM THIS DRAWING.
ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
ALL BUILDING WORK TO COMPLY WITH THE BUILDING REGULATIONS.
ALL INFORMATION CONTAINED ON THIS DRAWING IS COPYRIGHT OF PAUL FEENEY & CONSULTING ENGINEERS.

REV NO.:	DATE:	BY:	DESCRIPTION:
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E-mail: paulfeeney@pfeeneyeng.com			
Website: www.consultingengineersgalway.com			
FOR:	GALWAY COUNTY COUNCIL		
JOB TITLE:	NEW RESIDENTIAL DEVELOPMENT		
SITE:	GROVE HOUSE, GORT, CO GALWAY		
DWG TITLE:	PROPOSED WATERMAIN & DRAINAGE LAYOUT		
JOB NO.:	G259	DWG NO.:	G259-PFC-XX-P-1
SCALES:	AS SHOWN	ORIGINATOR:	P.FEENEY
DATE:	22-08-2025	CHECKED BY:	P.FEENEY