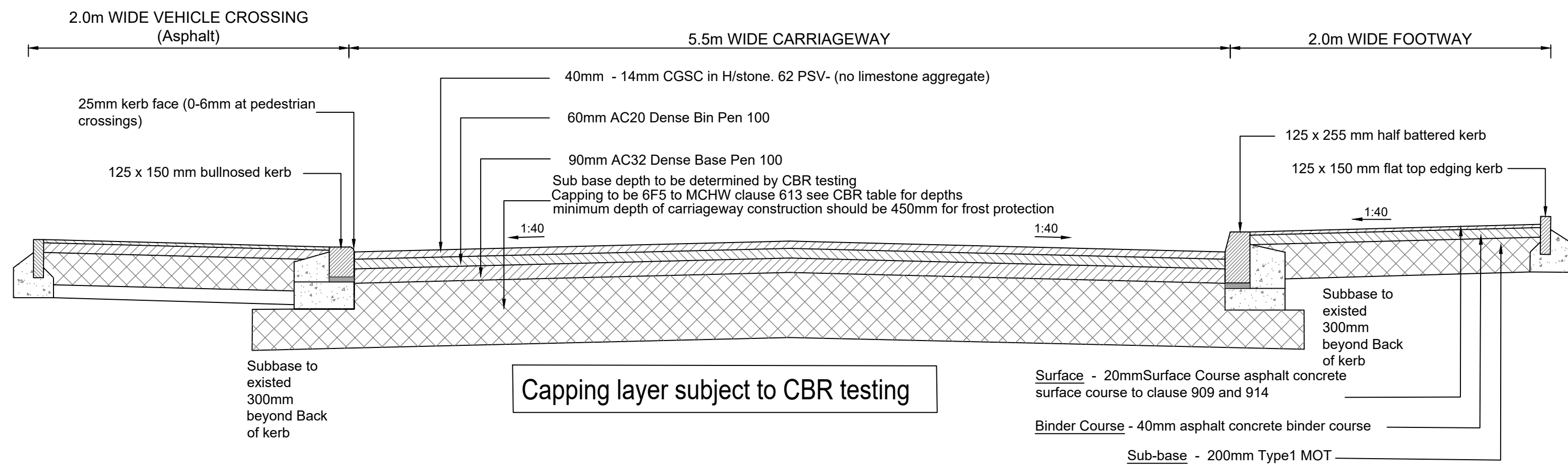
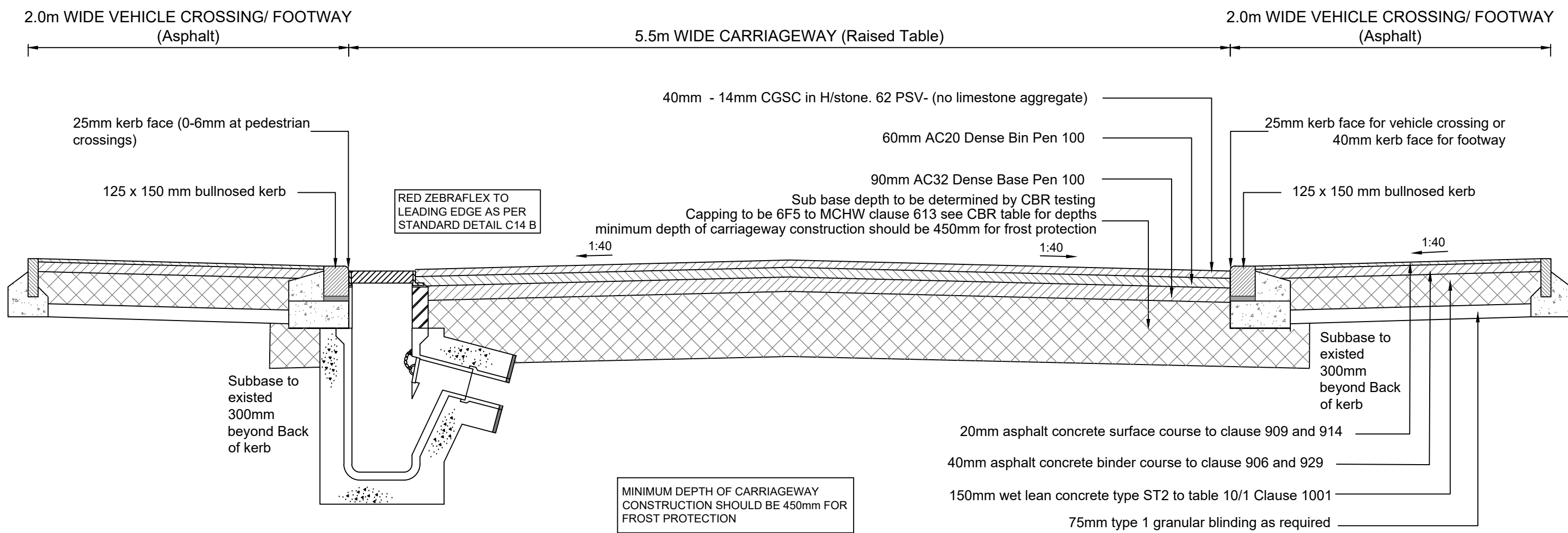
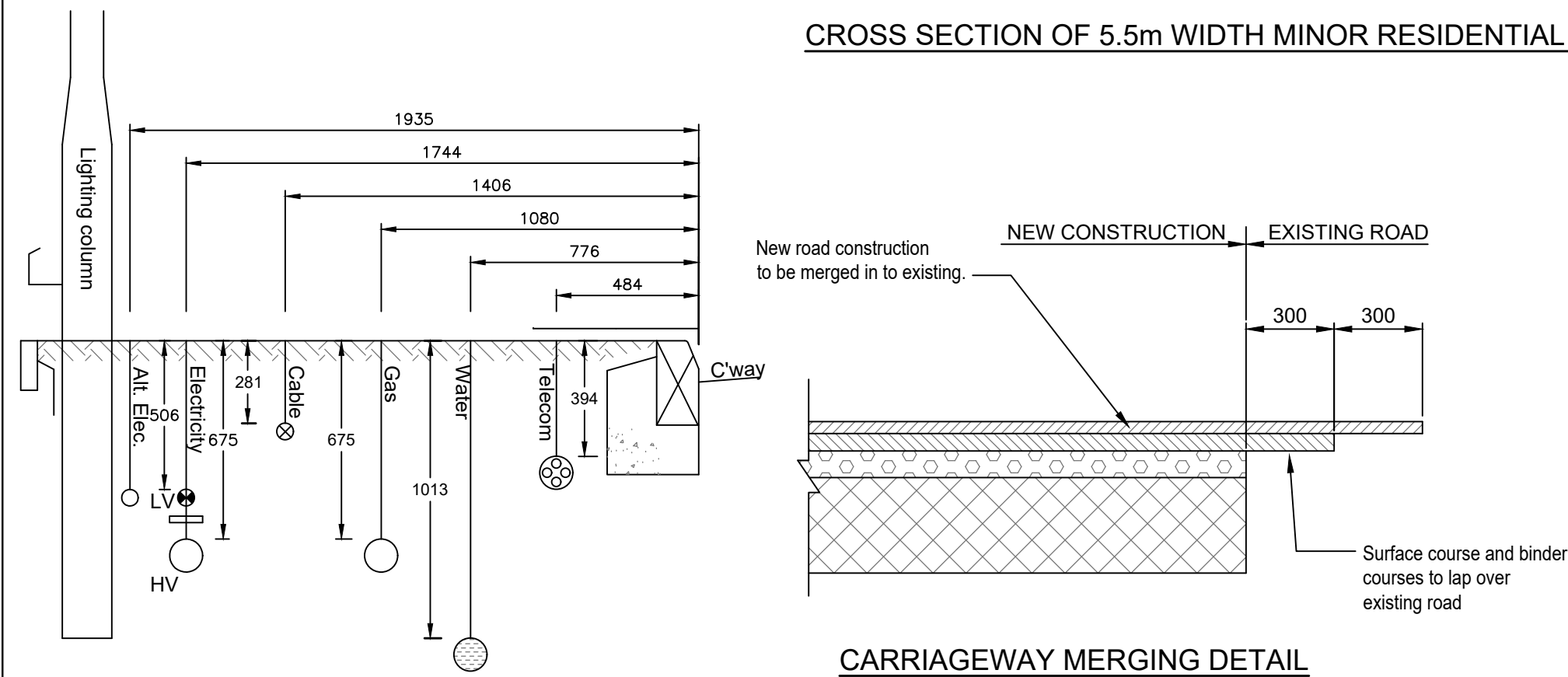




CROSS SECTION OF 5.5m WIDTH MINOR RESIDENTIAL ROAD



SERVICE STRIP ARRANGMENTS

CARRIAGEWAY MERGING DETAIL

Unbound material Construction Depths based on CBR% Values

CBR Value Mpa/%	Sub base on Capping		Total Thickness	Sub base only
	Capping Layer 6F2/6F5 (CIs 613) mm	Unbound Sub base Type 1 (CIs 803) mm		
30/2.5	420	250	670	420
35/3	380	230	610	360
40/4	340	220	560	330
50/5	250	200	450	270
55/6	240	180	420	260
60/7	230	170	400	250
65/8	220	160	380	240
70/9	210	150	360	230
75/10	200	150	350	220
80/11	190	150	340	220
85/12	180	150	330	220
90/13	170	150	320	210
95/14	160	150	310	210
100/15	150	150	300	200
-/15+	150	150	300	200

Ref: DMRB CD 225 2020 Figure 3.20

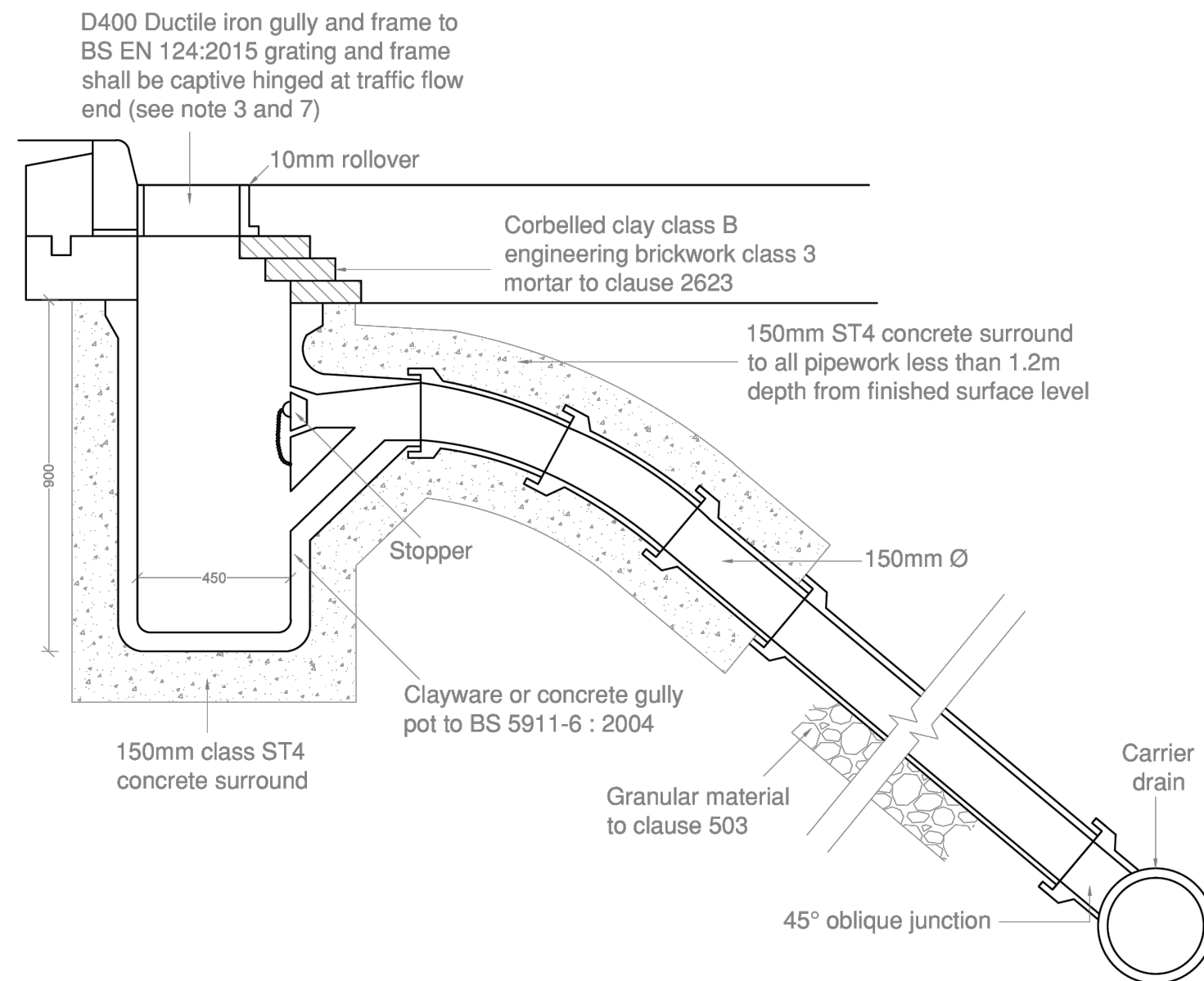
Ref: DMRB CD 225 2020 Figure 3.18

CBR % Values of less than 2.5% the Developer needs to propose remedial actions
Minimum depth of Carriageway construction should be 450mm for frost protection

The highway and drainage works are subject to technical approval and may therefore change

Notes
DO NOT SCALE.
ALL LEVELS ARE IN METRES.
ALL DIMENSIONS ARE IN MILLIMETRES.
DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEER'S DRAWINGS AND SPECIFICATIONS.
ALL BITUMINOUS MATERIALS ARE TO BE OBTAINED FROM AN APPROVED LOCAL AUTHORITY LICENCED SOURCE.
LIMESTONE AGGREGATE NOT TO BE USED IN SURFACE COURSES.
ALL ROAD OPENING NOTICES ETC. AS REQUIRED UNDER THE HIGHWAYS ACTS ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS ON SITE. ALL WORKS ARE TO BE INSPECTED BY THE LOCAL AUTHORITY, NHBC, OR UNITED UTILITIES AS APPLICABLE.
ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE COM REGULATIONS 2007 ALONG WITH THE MAIN CONTRACTORS - HEALTH & SAFETY PLAN.

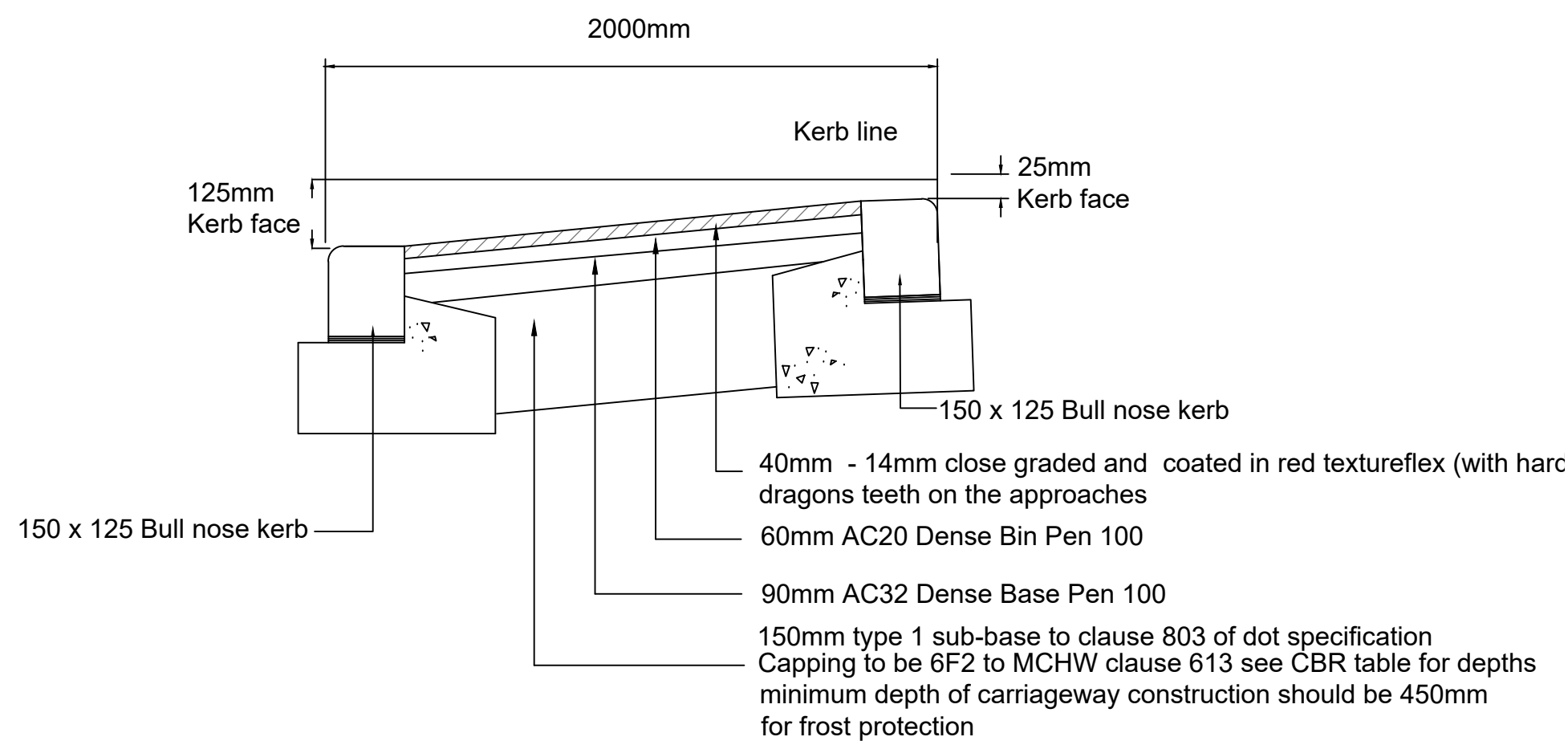
ROCKER PIPES TO BE INSTALLED AT EACH ENTRY POINT INTO MANHOLE CHAMBER.
ROCKER PIPES TO BE IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAILS



NOTES:

- Gully: all to clause 508
 - Standard gully pot of 95 litres capacity (450mm Ø)
 - Small gully pot to be 50 litres capacity (375mm Ø)
- Maximum trench width for 150mm gully lead IS 600mm
- Clause numbers refer to dept. of transport specification for highway works amended as appropriate
- Number of bends may vary due to site differences
- Concrete to comply with clause 2602 table 26/1
- Concrete surround to pipes shall always finish at a joint
- Gully gratings - standard detail D47

Road Gully



2M RAMP DETAIL

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes

- This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings.
- All levels quoted are in metres A.O.D.
- Concrete surround to chambers is shown indicatively for completeness. The Contractor shall satisfy himself that ground conditions at each manhole location are suitable such that the concrete surround is not required. RSK bears no responsibility for the Contractor's assessment of ground conditions.

Rev	Date	Amendment	Drawn	Chkd	Appd
P12	27.01.26	Surfacing revised on the ramp detail along with the raised table as requested by client	MAR		
P11	17.05.24	Sub base amended to suit highways comments	DS	MAR	
P10	17.05.24	CBR table updated following highways request	DS	MAR	
P9	14.05.24	Surface course updated as per highways request, capping table updated also	MAR		
P8	10.05.24	Sub-base construction under footway updated as requested by client/highways	MAR		
P7	25.03.24	Surface course updated as per highways request	DS	MAR	
P6	18.03.24	Updated footway to MCC spec "Flexible Footway Construction (Domestic Vehicular Crossing)" standard drawing F2	DS	MAR	
P5	19.01.24	Red chippings removed from ramps	DS	MAR	
P4	20.12.23	Footpath binder course updated	DS	MAR	
P3	20.10.23	Raised table material updated and ramp detail added	EP	MAR	
P2	07.07.23	Vehicle crossing sub-base updated	DS	MS	
P1	27.02.23	First issue	AP	MS	



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Client		ANWYL thoughtful homes			
Project Title					
Harry Dalton Fields Chorlton					
Status					
DETAILED DESIGN					
Drawing Title					
Road Construction Details Sheet 1 of 2					
Drawn		Date		Checked	
AP		FEB 23		MS	
				Date	
				FEB 23	
Approved		Date			
Scale		Orig Size		Dimensions	
1:20		A1		m	
Project No.			File Name		
882551			40-04-01		
Drawing No.					Rev.
882551					
					40-04
Project No.			Orig.	Vol./Sys.	Lev./Loc.
			Type	Role	Draw. No.
Scale 1:250					
0 2.5 5 7.5 10 12.5m					