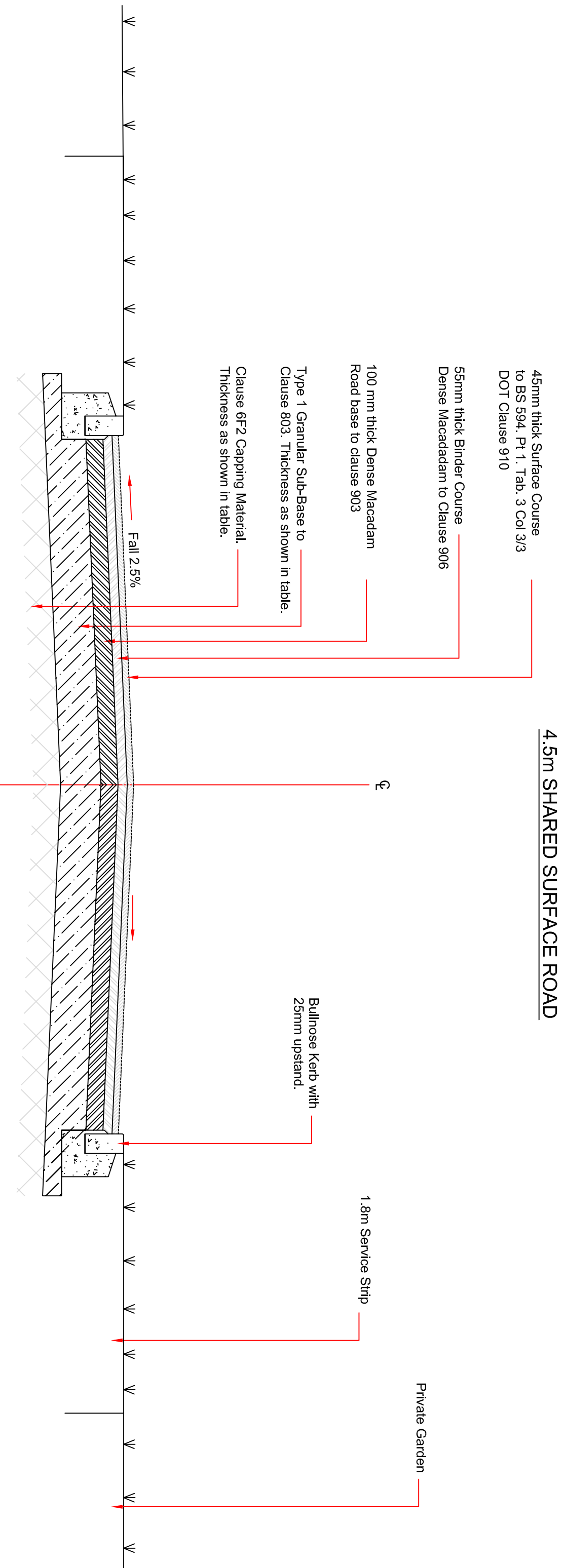


NOTES:

- 1. All dimensions are in millimetres.
- 2. Precast kerbs to comply with B.S. 7263 and Specification clause 1101.
- 3. Concrete mix ST1 to comply with Specification clause 2602.
- 4. The road cross section indicated is indicative only and represents the parameters used in the design of the road cross section.



SHARED SURFACE ROAD CONSTRUCTION MATERIAL	
SURFACE COURSE	THICKNESS
45mm CONSOLIDATED THICKNESS OF STONE MASTIC ASPHALT PROPRIETARY MATERIAL TO BS 4987, 10mm AGGREGATE SIZE (PARTS 1&2 : 1993 CLAUSE 6.5 - 100 PEN BINDER AND SOFT AGGREGATES)	45mm
BINDER COURSE	55mm
20mm NOMINAL SIZE DENSE BITUMEN MACADAM TO BS 4987: PARTS 1&2 : 1993 CLAUSE 6.5 - 100 PEN BINDER	
BASE COURSE	100mm
25mm NOMINAL SIZE DENSE BITUMEN MACADAM TO BS 4987: PARTS 1&2 : 1993 CLAUSE 6.2 - 100 PEN BINDER	
SUB-BASE	See Table
SUB-BASE TYPE 1 TO CLAUSE 803 SHW	
CAPPING LAYER	See Table
6F2 CAPPING LAYER MATERIAL TO CLAUSE 613 (THICKNESS TO BE DETERMINED FROM CBR VALUE (REFER TO CAPPING THICKNESS TABLE))	

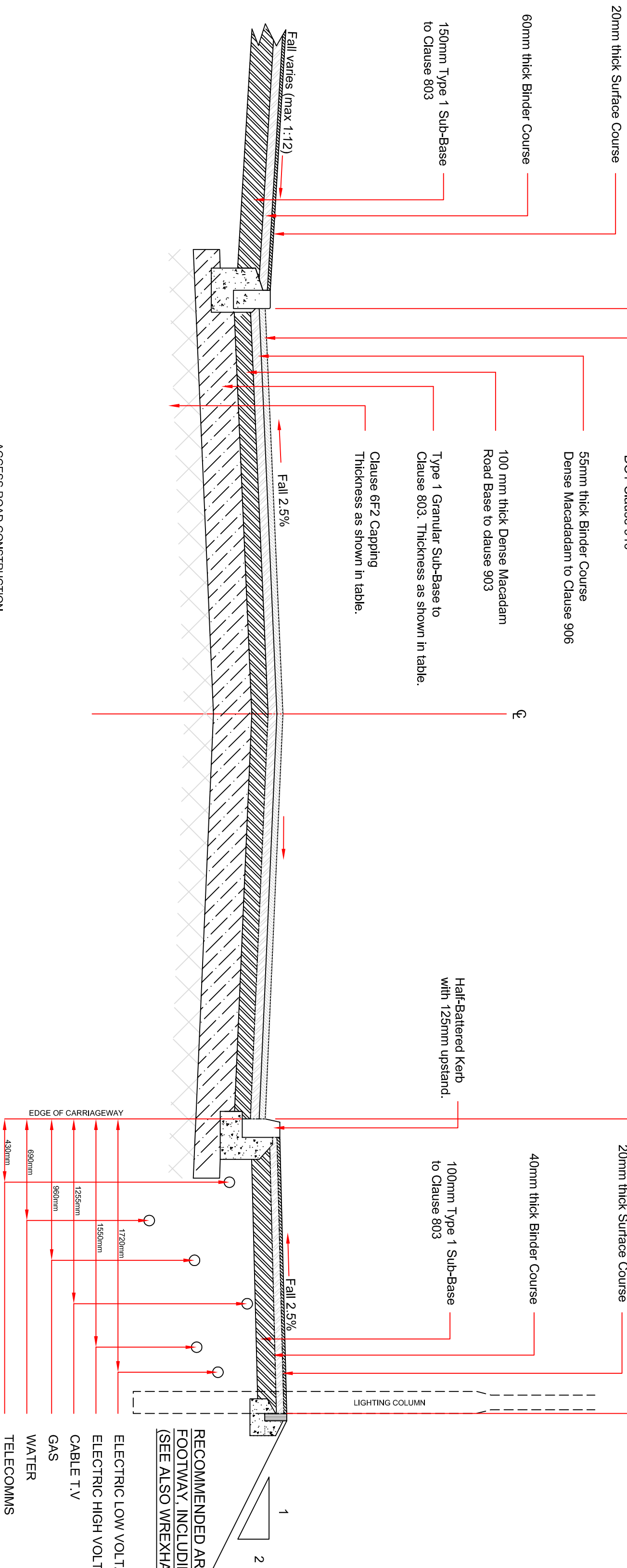
CBR Value (%)	Capping Thickness	Sub-Base Thickness
1.6 - 2.0	500mm	150mm
2.1 - 2.5	350mm	150mm
2.6 - 3.0		350mm
3.1 - 3.5		325mm
3.6 - 4.0		300mm
4.1 - 4.5		275mm
4.6 - 5.0		250mm
5.1 - 6.9		225mm
7.0 - 8.9		210mm
9.0 - 10.9		195mm
11.0 - 12.9		180mm
13.0 - 14.9		165mm
15.0 or over		150mm

Note: For CBR Values below 1.6%, Specific stabilisation proposals will need to be agreed with the Local Authority..
Minimum overall Construction Thickness shall be 400mm.

VEHICULAR CROSSING
(Width varies)

5.5m ACCESS ROAD

FOOTWAY
2m



VEHICULAR CROSSING CONSTRUCTION

CONSTRUCTION LAYER	MATERIAL	THICKNESS
SURFACE COURSE	6mm SIZE DENSE WEARING COURSE TO BS 4987: PART 1 1993 CLAUSE 7.5 - CLAUSE 912 SHW - 300 PEN	20mm
BINDER COURSE	20mm SIZE DENSE BASECOURSE TO BS 4987: PARTS 1&2 1993 CLAUSE 6.5 - 200 PEN	60mm
BASE COURSE	SUB-BASE TYPE 1 TO CLAUSE 803 SHW	150mm

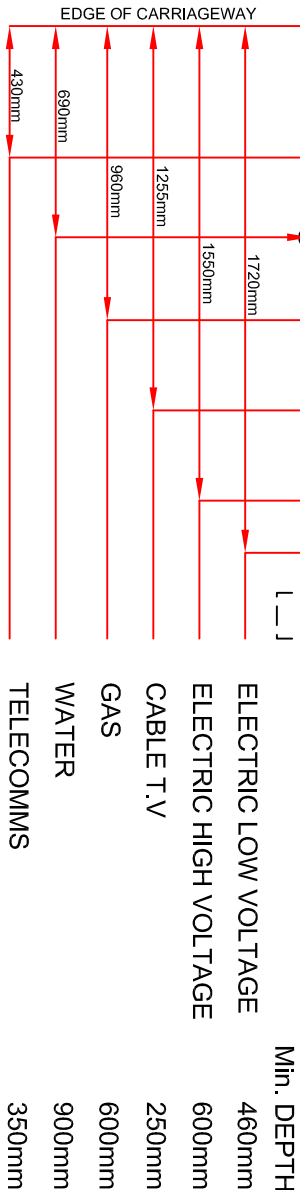
ACCESS ROAD CONSTRUCTION

CONSTRUCTION LAYER	MATERIAL	THICKNESS
SURFACE COURSE	45mm CONSOLIDATED THICKNESS OF STONE MASTIC ASPHALT PROPRIETARY MATERIAL TO BS 4987, 10mm AGGREGATE SIZE (PARTS 1&2 : 1993 CLAUSE 6.5 - 100 PEN BINDER AND SOFT AGGREGATES)	45mm
BINDER COURSE	20mm NOMINAL SIZE DENSE BITUMEN MACADAM TO BS 4987: PARTS 1&2 : 1993 CLAUSE 6.5 - 100 PEN BINDER	55mm
BASE COURSE	20mm NOMINAL SIZE DENSE BITUMEN MACADAM TO BS 4987: PARTS 1&2 : 1993 CLAUSE 6.2 - 100 PEN BINDER	100mm
SUB-BASE	SUB-BASE TYPE 1 TO CLAUSE 803 SHW	See Table
CAPPING LAYER	6F2 CAPPING LAYER MATERIAL TO CLAUSE 613 (THICKNESS TO BE DETERMINED FROM CBR VALUE (REFER TO CAPPING THICKNESS TABLE))	See Table

FOOTWAY CONSTRUCTION

CONSTRUCTION LAYER	MATERIAL	THICKNESS
SURFACE COURSE	6mm SIZE DENSE WEARING COURSE TO BS 4987: PART 1 1993 CLAUSE 7.5 - CLAUSE 912 SHW - 300 PEN	20mm
BINDER COURSE	20mm SIZE DENSE BASECOURSE TO BS 4987: PARTS 1&2 1993 CLAUSE 6.5 - 200 PEN	40mm
BASE COURSE	SUB-BASE TYPE 1 TO CLAUSE 803 SHW	100mm

RECOMMENDED ARRANGEMENT OF SERVICES IN A 2m WIDE FOOTWAY, INCLUDING CABLE T.V DUCT (SEE ALSO WREXHAM COUNTY BOROUGH COUNCIL DESIGN GUIDE)



STANDARD DETAILS:
TYPICAL ROAD CROSS SECTION

FREEDOM LAND
DEVELOPMENTS LIMITED
(PHIL HUGHES)

NORTH ROAD, PONCIAU
HOUSING DEVELOPMENT



APPROVAL

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Drawn	Checked	Date	Appr.
SL	KB	03/03/09	
Project No.	Drawing No.	Task	
PHH_001	SD_002	P1	