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- Service connections are not shown but their presence should be anticipated.
- Reference to any third party equipment shown on this drawing was only relevant at the time the drawing was prepared.
- It is the client's responsibility to ensure that any equipment ordered meets the design.

Key

Proposed Verge

450mm Topsoil/Seed

Full Carriageway Construction

30mm Surface Course - AC6 Dense SURF 100/150
 55mm Binder Course - AC20 Dense BASE 100/150
 85mm Base Course - AC32 Dense BASE 100/150
 Type 'Sub-Base' Capping*

*Sub-base and capping depth based off CBR Table Below

Carriageway Tie-in Details

0 - 1m 30mm Surface Course - AC6 Dense SURF 100/150
 55mm Binder Course - AC20 Dense BASE 100/150
 85mm Base Course - AC32 Dense BASE 100/150

1m - 1.5m 30mm Surface Course - AC6 Dense SURF 100/150
 55mm Binder Course - AC20 Dense BASE 100/150

1.5 - Extent of Carriageway 30mm Surface Course - AC6 Dense SURF 100/150

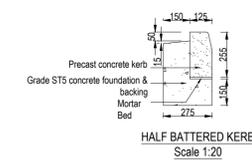
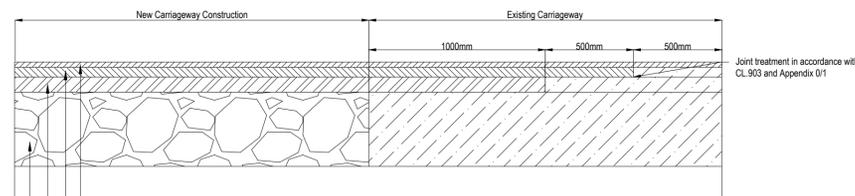
CBR Table - As per Kirklees Drawing Ref. HD-SD-07-12A

CBR %	SUB BASE ONLY (mm)	SUB Base (mm)	Capping (mm)
<2.5	Ground remediation required to improve sub grade CBR		
2.5-3.0	450	350	250
3.0-4.0	420	320	240
4.0-5.0	370	280*	230
5.0-15.0	330	280*	210
>15.0	280*	280*	150

Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material

Kerbing Details

125x255 HB2 PCC Kerb - 125mm Upstand



CASTLE HILL LANE
 CARRIAGEWAY TIE-IN DETAIL
 Scale 1:20

ROAD LAYER	ALTERNATIVE MATERIAL	SHARED SURFACE/ HOME ZONE	LOCAL RESIDENTIAL STREET	CONNECTOR STREET	INDUSTRIAL ROAD
SURFACE COURSE	14mm stone mastic asphalt surface course SMA 14 surf 40/60 0/6mm dense surface course AC 6 dense surf 100/150 Concrete block paving on 30mm sand bed red bricks or similar approved. (Tegula / Yorkstone in conservation area)	30	30	N/A	N/A
BINDER COURSE	0/20 dense binder course AC 20 dense bin 100/150	55	50	55	55
BASE COURSE	0/32 dense / binder course AC 32 dense base / bin 100/60	85	85	85	150

PAVEMENT DESIGN

Table A-30: Pavement Foundation Design

CBR %	INCLUDING CAPPING LAYER		EXCLUDING CAPPING LAYER	
	CAPPING(mm)	SUB BASE(mm)	SUB BASE(mm)	
Less than 2.5	Ground remediation will need to be considered to improve the subgrade CBR			
2.5	250	350	450	
3	240	320	420	
4	230	280*	370	
5-15	210	280*	330	
Greater than 15	150	280*	280*	

*Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material

Capping and sub base construction will conform with Leeds Transport Supplementary Planning Document for Pavement Foundation Design March 2022.



Client	Project Title	Drawing Title	Scale	Drawn By	
CASTLE HILL HOTEL HERITAGE LTD	CASTLE HILL, HUDDERSFIELD	PAVEMENT KERBING	AS SHOWN	TOD	
			Drawing Size	Checked By	
			A1	MB	
			Date	Approved By	
			September 2023	MB	
				Drawing Number	Rev
				156199-700-001	
Rev	Amendment	Drawn	Date	Checked	