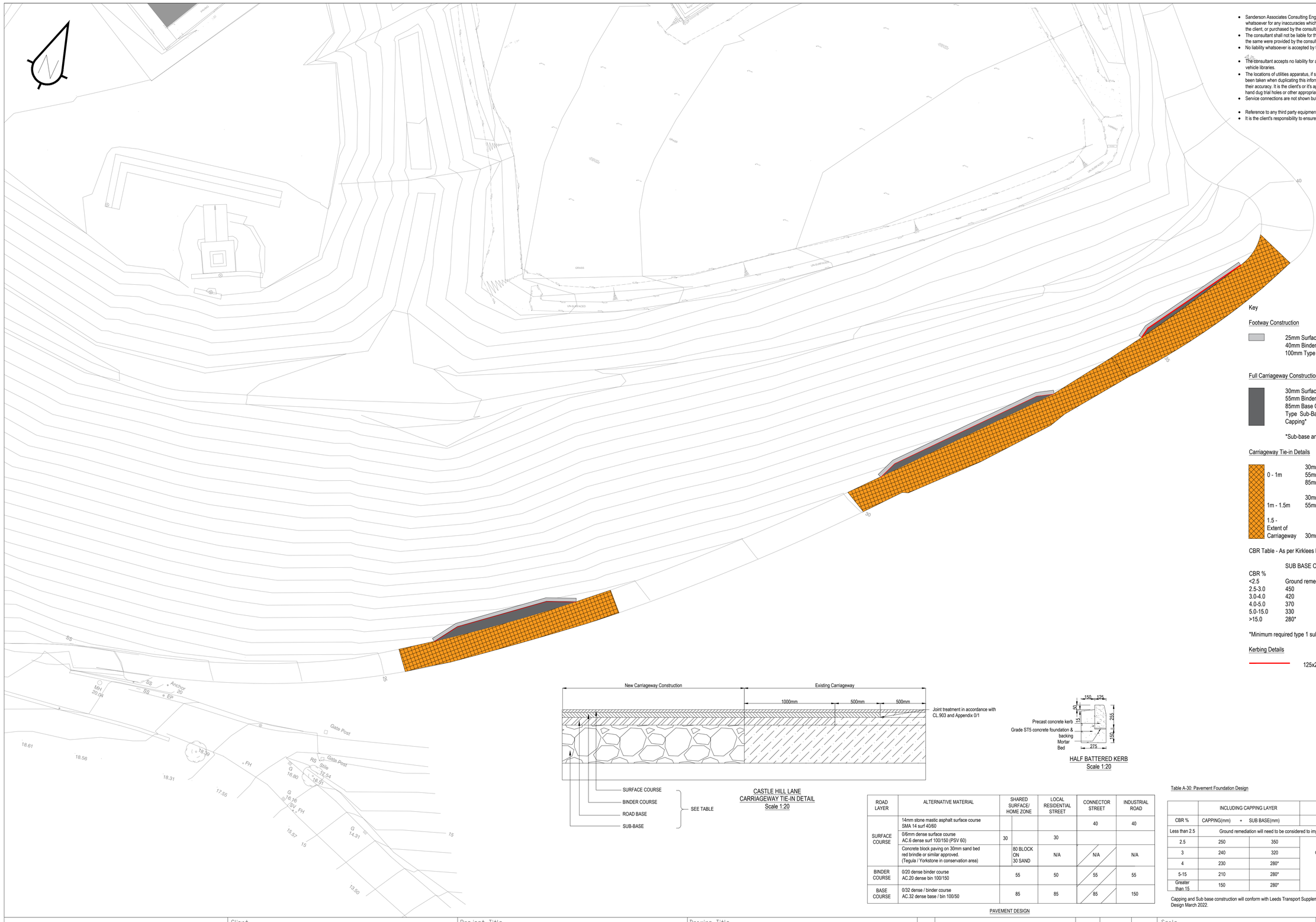

- Sanderson Associates Consulting Engineers ("the consultant"), has not checked or verified, and shall have no liability whatsoever for any inaccuracies which may be attributable to any data, reports, base plan(s) and drawings provided by the client, or purchased by the consultant on the client's behalf, that may have been utilised within this drawing.
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- The consultant accepts no liability for any vehicle specification errors within the vehicle track software used and / or it's vehicle libraries.
- The locations of utilities apparatus, if shown, is reproduced from plans supplied to the consultant, although care has been taken when duplicating this information. These locations are approximate only and no guarantee can be given for their accuracy. It is the client's or it's appointed agent/contractors responsibility to verify the exact locations on site by hand dug trial holes or other appropriate means prior to mechanical excavation.
- 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

Footway Construction

25mm Surface Course - AC6 Dense SURF 100/150
40mm Binder Course - AC20 Dense BIN 100/150
100mm Type 1 Sub-Base

Full Carriageway Construction

30mm Surface Course - AC6 Dense SURF 100/150, PSV-60
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, PSV-60 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, PSV-60 55mm Binder Course - AC20 Dense BASE 100/150
1.5 - Extent of Carriageway	30mm Surface Course - AC6 Dense SURF 100/150, PSV-60

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

HALF BATTERED KERB
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				40	40
	0/6mm dense surface course AC.6 dense surf 100/150 (PSV 60)	30		30		
	Concrete block paving on 30mm sand bed red brindle or similar approved. (Tegula / Yorkstone in conservation area)		80 BLOCK ON 30 SAND	N/A	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 100/50	85		85	85	150

PAVEMENT DESIGN

Table A-30: Pavement Foundation Design

	INCLUDING CAPPING LAYER			EXCLUDING CAPPING LAYER
CBR %	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	OR	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.

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Client: CASTLE HILL HOTEL HERITAGE LTD

Project Title: CASTLE HILL, HUDDERSFIELD

Drawing Title: PAVEMENT KERBING

Rev	Amendment	Drawn	Date	Checked
A	Revised details to reflect RSA recommendations	DW	21.01.26	PJM

Scale: AS SHOWN	Drawn By: TOD
Drawing Size: A1	Checked By: MB
Date: September 2023	Approved By: MB
	Drawing Number: 156199-700-001 / Rev: A

FILE REF: