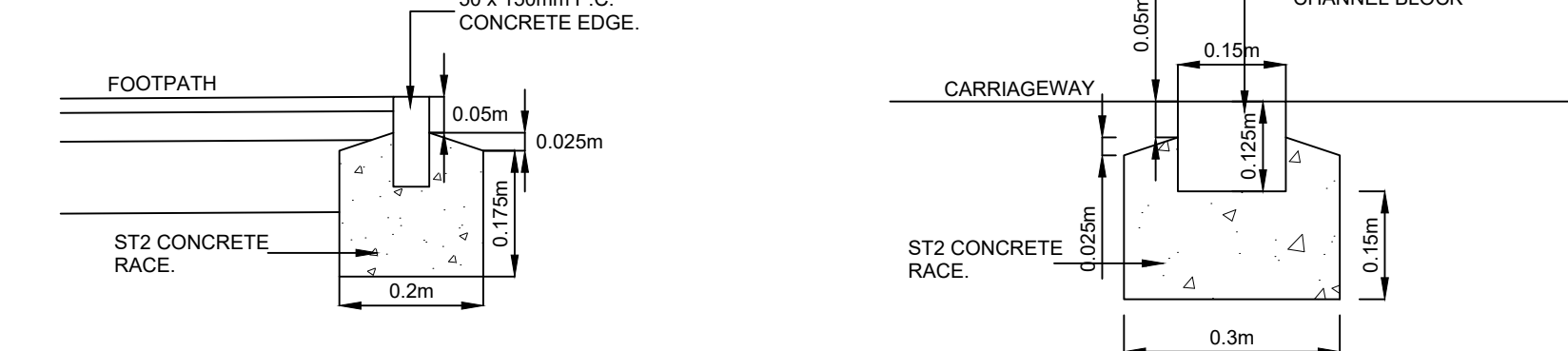
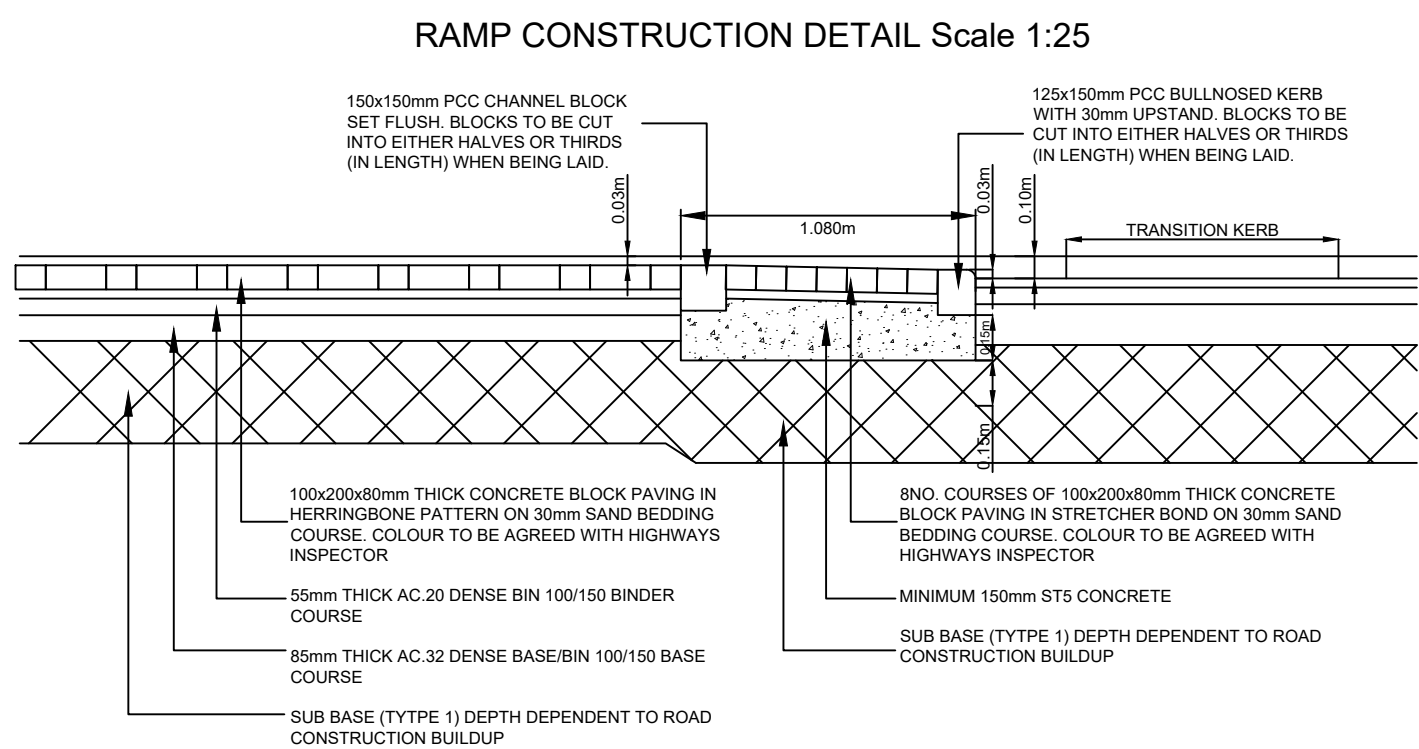
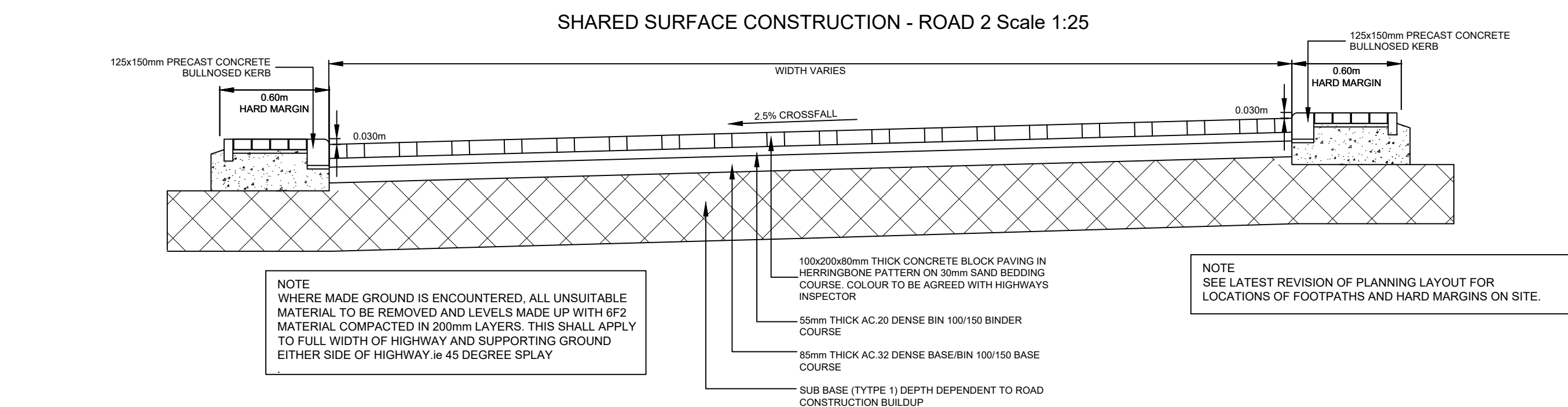
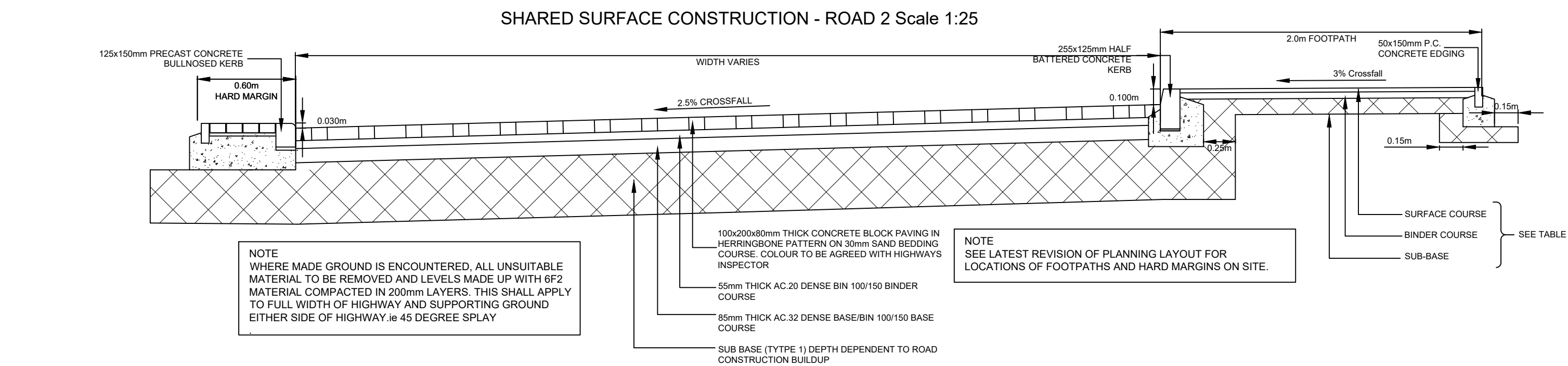
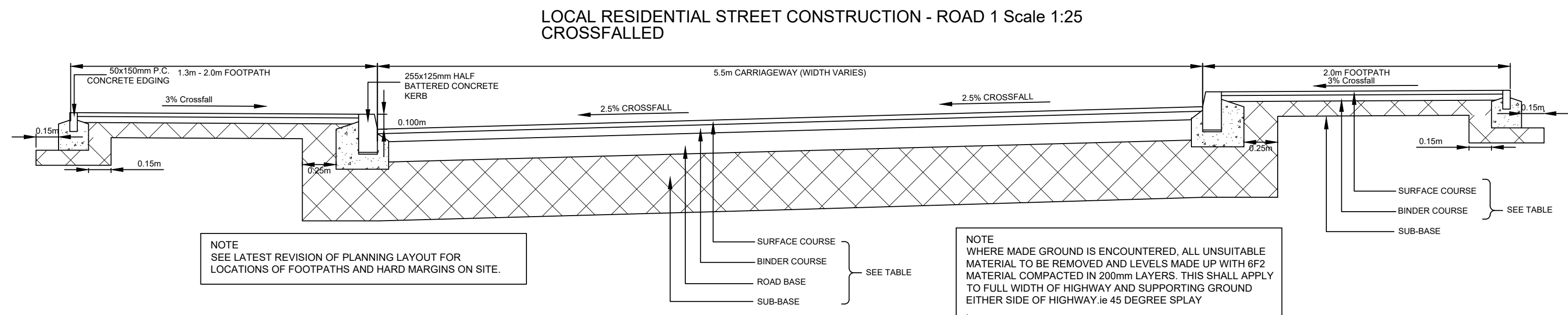
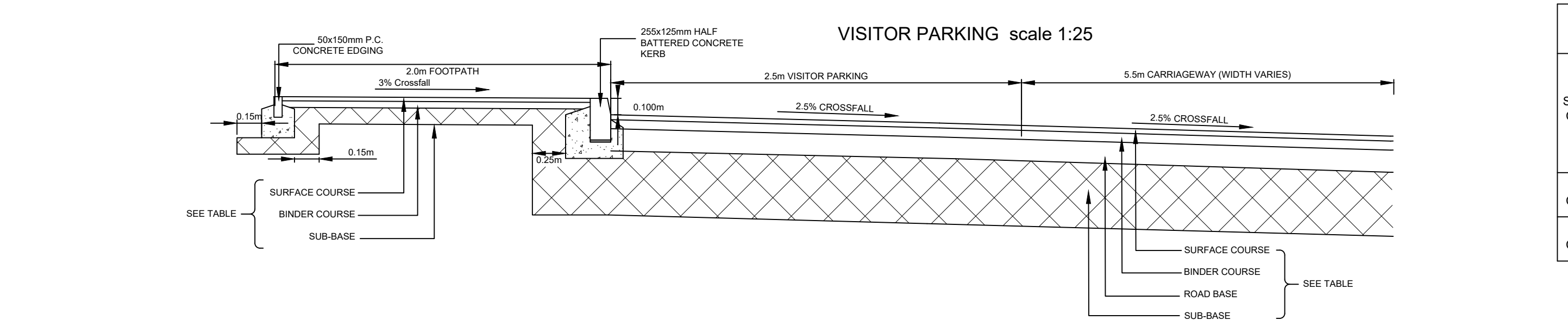
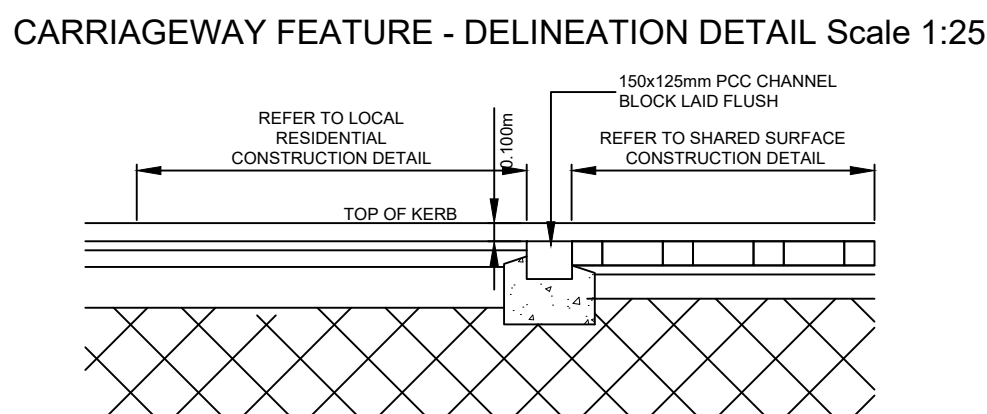
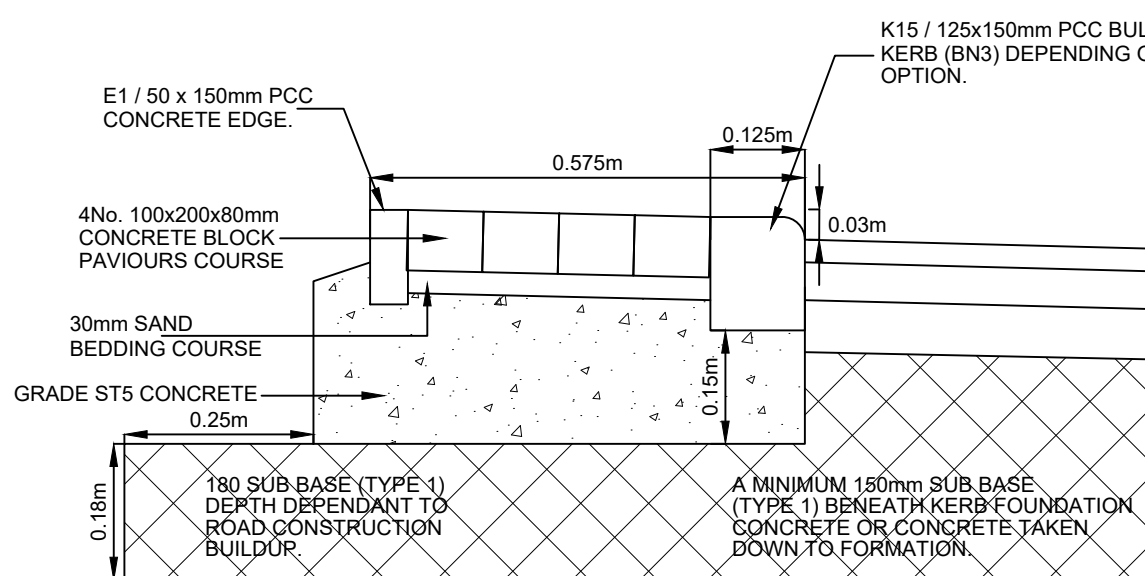
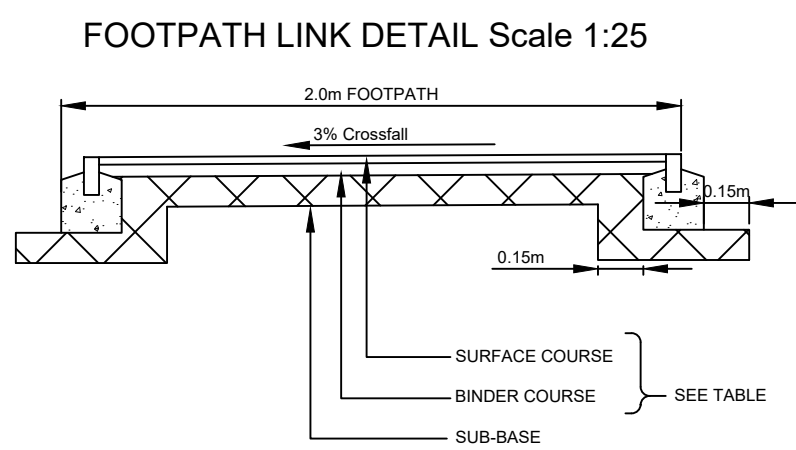




CHANNEL BLOCK DETAIL Scale 1:10



MEWS COURT HARD MARGIN / KERB DETAIL. Scale 1:10



TRADITIONAL ESTATE KERB DETAIL. Scale 1:10

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
	AC 6 dense surf 100/150	30	30		
BINDER COURSE	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
	AC 20 dense bin 100/150	55	55	55	55
BASE COURSE	AC 32 dense base / bin 100/50	85	85	85	150

PAVEMENT DESIGN

CBR %		<2.5%	2.5 to 3.0	3.0 to 4.0	4.0 to 5.0	5.0 to 15.0	>15%
SUB BASE ONLY	SUB BASE (TYPE 1) DEPTH	OR	450	420	370	330	280*
			OR				
SUB BASE ON CAPPING	SUB BASE (TYPE 1) DEPTH	CAPPING DEPTH	350	320	280*	280*	280*
			250	240	230	210	150

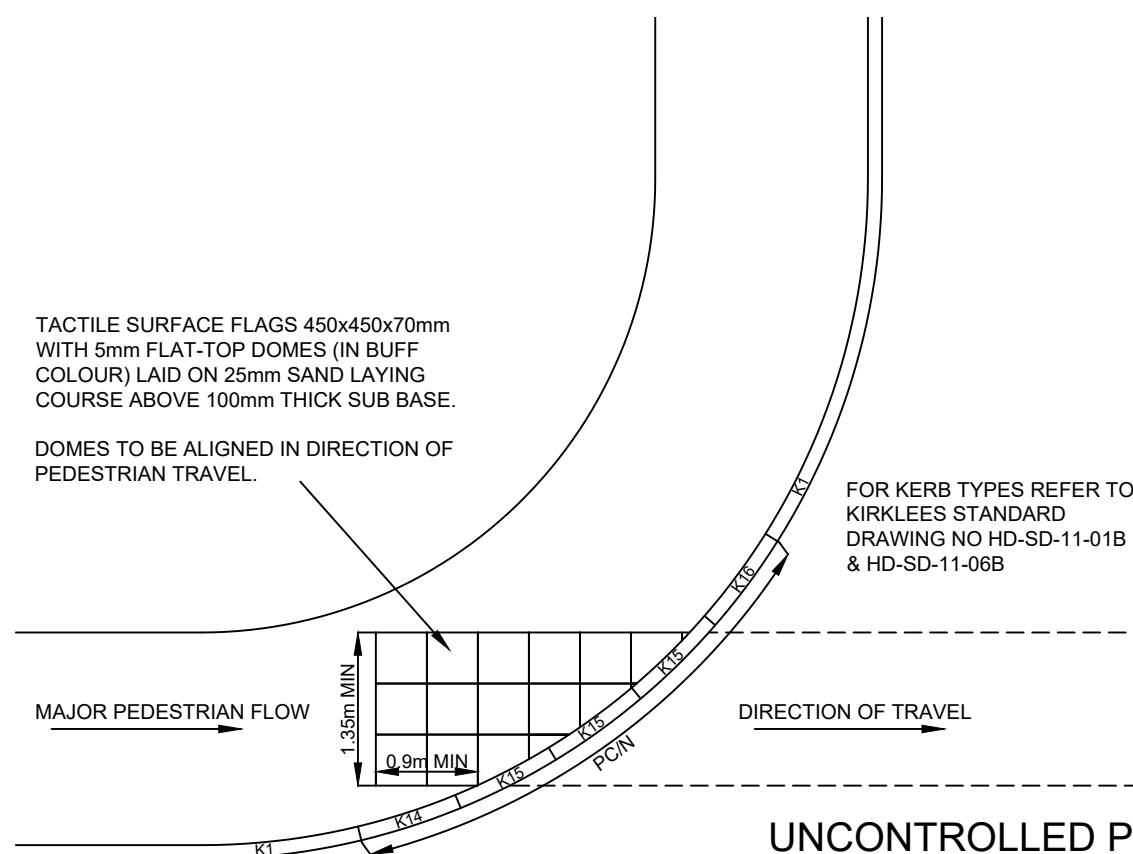
PAVEMENT FOUNDATION DESIGN LOCAL RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD (TYPE B)

- *Recommended minimum:
150mm sub-base + 600mm capping with layer 1 geogrid (usually without geogrids).
- Where <2m of made ground is present full excavation and replacement with engineered fill is required (usually without geogrids).
 - Where 2m to 5m of made ground is present a minimum 2m depth of excavation is required and replacement with geogrid (minimum 2 no. layers) reinforced engineered fill (proposal requires approval).
 - Where >5m of made ground is present specific ground improvement (proposal requires approval) is required.

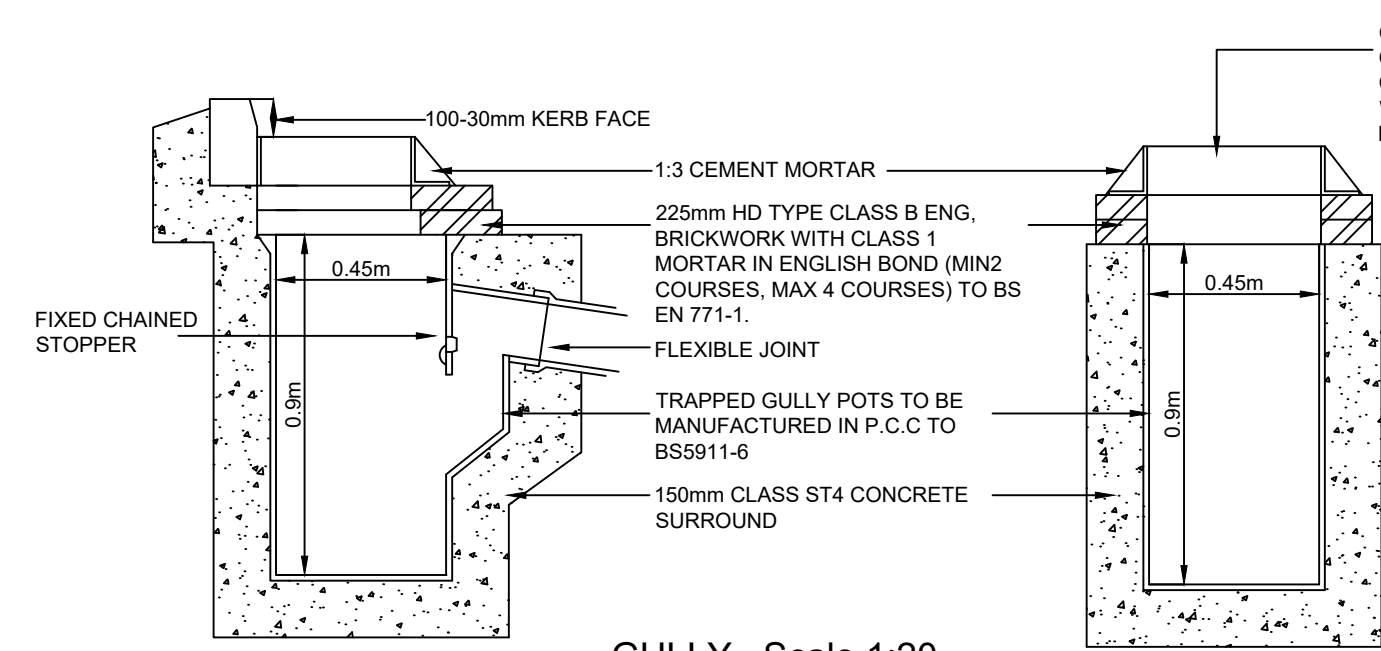
TYPE	SUB-BASE	BINDER COURSE	SURFACE COURSE
Pedestrian Footway or Footpath	100mm Type 1	40mm AC20 dense bin 100/150	25mm AC6 dense surf 100/150
Vehicular Footway Crossing	150mm Type 1	60mm AC20 dense bin 100/150	25mm AC6 dense bin 100/150

FOOTWAY CONSTRUCTION

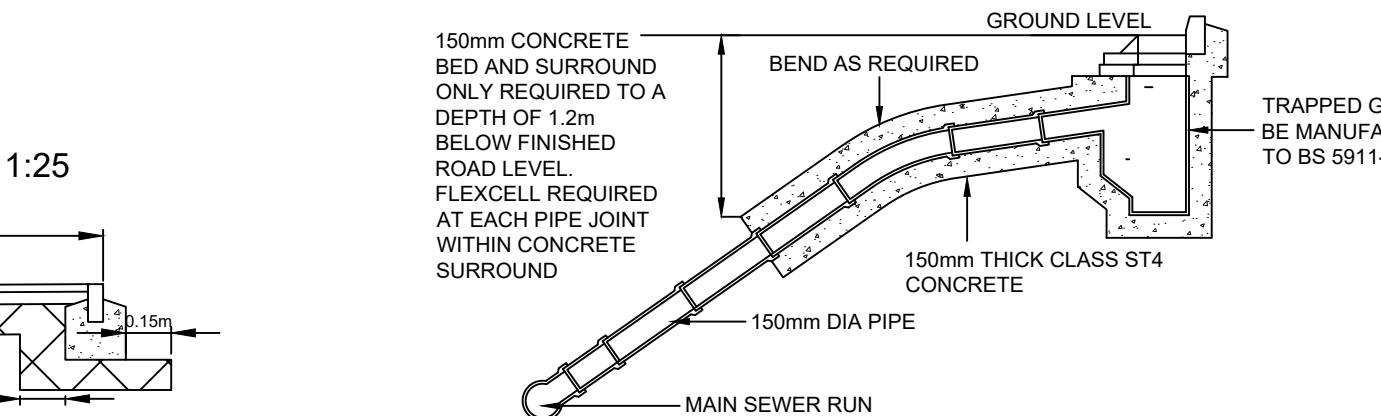
Alternative footway construction - Home Zones and conservation Areas:
Standard 80mm Concrete block paving.
Flags or small unit paving - (not suitable for footway vehicular crossings or other area vulnerable to vehicular traffic).



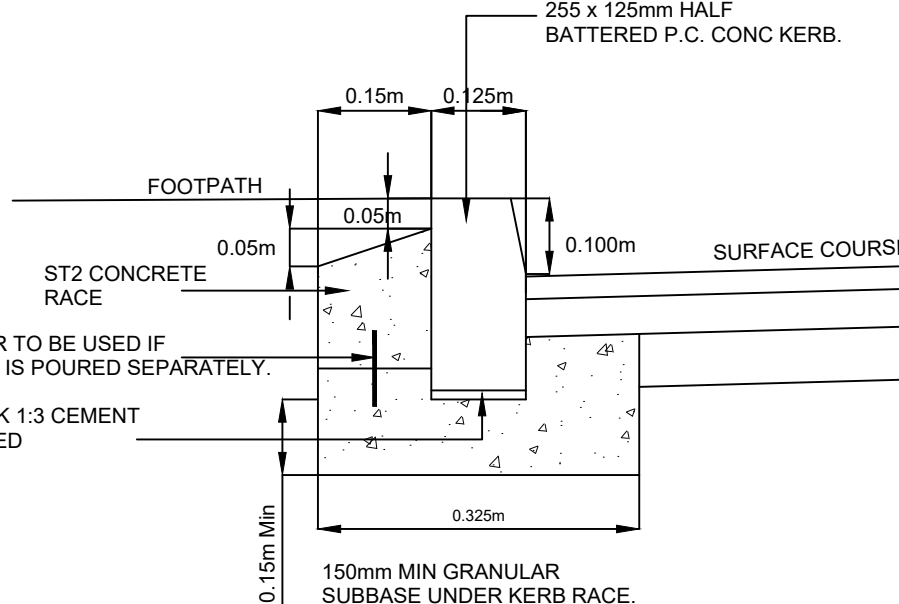
UNCONTROLLED PEDESTRIAN CROSSING - NTS (TEXTURED PAVING)



GULLY Scale 1:20

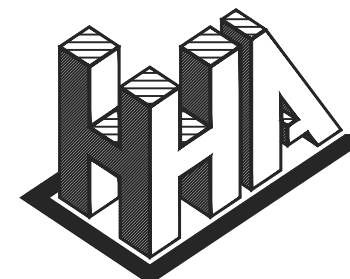


GULLY CONNECTION Scale 1:20



DETAIL OF JOINT - NEW AND EXISTING FOOTWAY CONSTRUCTION - TIE-IN DETAIL scale 1:25

- STEPS IN NEW CONSTRUCTION COURSE TO STAGGER JOINTS IN ACCORDANCE WITH CL 903. JOINTS SHALL BE 300mm OFFSET FROM LAYER BENEATH.
- NOTE:
- JOINTS SHALL NOT COINCIDE WITH THE WHEEL PATH. REF CL 903.21
 - WHERE SUB-BASE IS TO BE LAID OVER EXISTING BITUMINOUS SURFACE COURSE ADEQUATE DRAINAGE SHALL BE PROVIDED.
 - ROLLING BLOCKS ARE TO BE PROVIDED IN SUB-BASE AND BASE LAYERS WHEREVER THESE LAYERS ABUT AGAINST A STRUCTURE, AND/OR EXISTING RIGID PAVEMENT. THEY ARE TO EXTEND FOR THE FULL WIDTH AND DEPTH OF THE SUB-BASE AND BASE (ROADBASE) IN CARRIAGEWAYS, HARD SHOULDERS AND HARD STRIPS, AND OF THE SUB-BASE IN CENTRAL RESERVES.
 - WHERE TOP OF BASE (ROADBASE) AND TOP OF STRUCTURE AND/OR EXISTING RIGID PAVEMENT ARE AT THE SAME LEVEL THE TOP STEP IS TO BE OMITTED AND ALL OTHER DIMENSIONS ADJUSTED ACCORDINGLY.



Haigh Huddleston & Associates

Civil Structural Engineering Consultants

Firth Buildings, 99 - 101 Leeds Rd, Dewsbury, WF12 7BU

t 01924 464342 f 01924 450662

e trevor.haigh@haighhuddleston.co.uk

Client
SB HOMES

Project
LINGARDS ROAD, SLAITHWAITE

Detail
ROAD CONSTRUCTION DETAILS

Dwn	Chkd	Date	Scale	Dwg No.
HH		AUG-23	AS SHOWN @A1	E197567/009