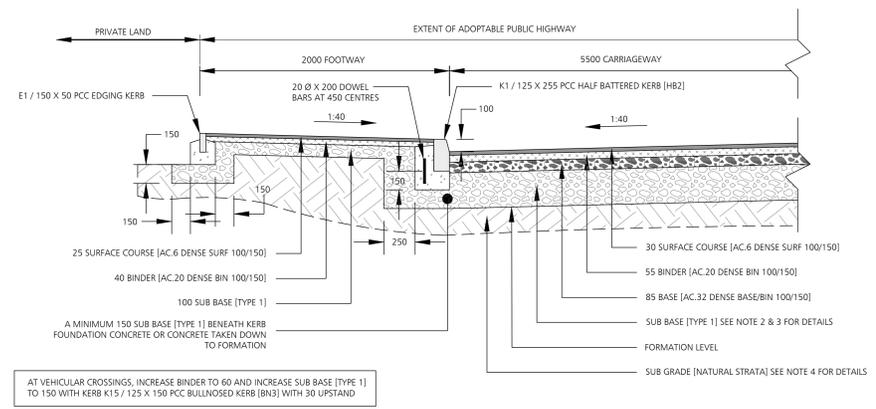


**DESIGNERS HAZARD IDENTIFICATION**  
 IT IS ASSUMED THAT ALL WORKS WILL BE UNDERTAKEN BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT IN ACCORDANCE WITH THE HAZARD TYPICALLY ASSOCIATED WITH THE TYPES OF CONSTRUCTION DETAILED ON THIS DRAWING. ANY KNOWN ABNORMAL HAZARDS SPECIFIC TO THIS SCHEME HAVE BEEN IDENTIFIED.



- NOTES**
- DO NOT SCALE FROM THIS DRAWING.
  - IF ANY DISCREPANCIES ARE FOUND IN THIS DRAWING, PLEASE REPORT TO DUDLEYS CONSULTING ENGINEERS.
  - THIS DRAWING HAS BEEN ORIENTATED TO OS BRITISH NATIONAL GRID (EPSG:27700 OSGB83). EXISTING SURVEY STATIONS ARE SHOWN ON THE TOPOGRAPHICAL SURVEY.
  - ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH THE CURRENT EDITION OF THE BUILDING REGULATIONS, SEWERAGE SECTOR CODES OF PRACTICE, AND THE RELEVANT LOCAL HIGHWAY AUTHORITY STANDARDS.



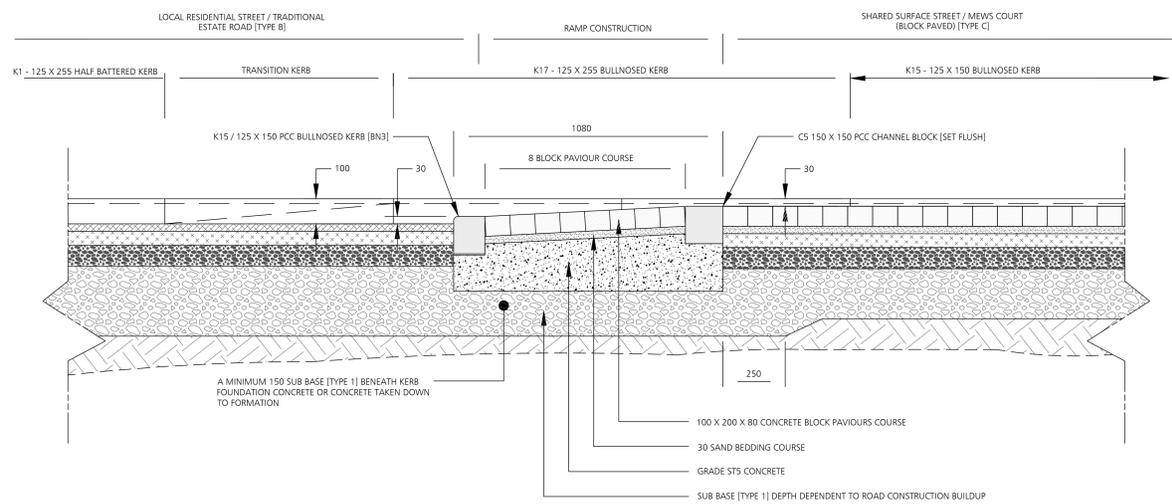
**PAVEMENT FOUNDATION DESIGN LOCAL RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD [TYPE B]**

SUB BASE ONLY	SUB BASE [TYPE 1] DEPTH	GROUND REMEDIATION REQUIRED TO IMPROVE SUB GRADE CBR	CBR %				
			< 2.5	2.5 TO 3.0	3.0 TO 4.0	4.0 TO 5.0	>15.0
			450	420	370	330	280*
SUB BASE ON CAPPING	SUB BASE [TYPE 1] DEPTH	CAPPING DEPTH	OR				
			350	320	280*	280*	280*
			250	240	230	210	150

\* MINIMUM REQUIRED TYPE 1 SUB BASE DEPTH TO ACHIEVE 450MM OF NON-FROST SUSCEPTIBLE MATERIAL

**TRADITIONAL ESTATE ROAD DETAIL (F1 & C1)**  
SCALE 1:20

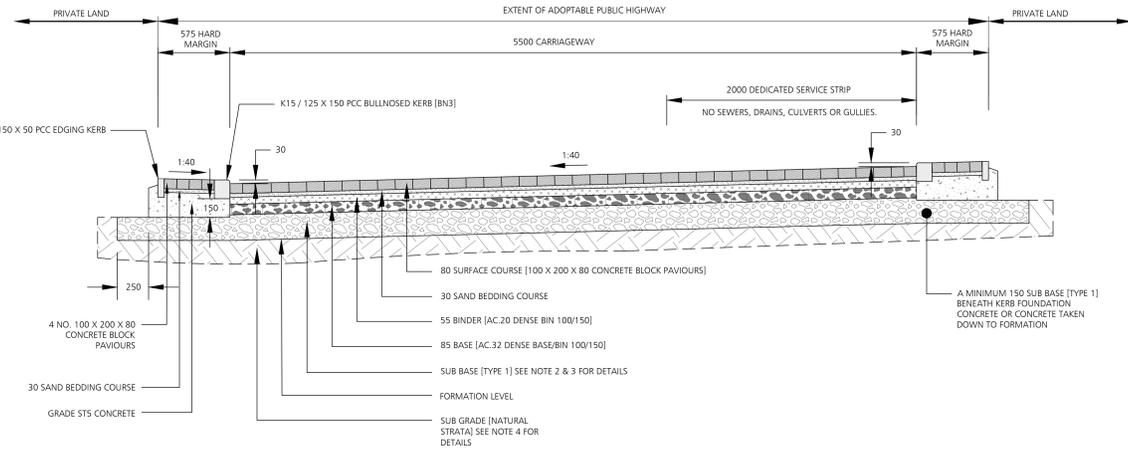
- UNLESS STATED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES.
- FOR PAVEMENT FOUNDATION DESIGN, THERE ARE TWO OPTIONS:
  - SUB BASE ONLY
  - SUB BASE AND CAPPING
  - SEE ADJACENT PAVEMENT DESIGN TABLE FOR LAYER THICKNESS.
- FOR PAVEMENT FOUNDATION DESIGN THE TOTAL PAVEMENT CONSTRUCTION BUILDUP FROM FINAL DESIGN SURFACE TO THE FOUNDATION, IS TO BE 450MM IN DEPTH, SUCH THAT THE MATERIALS SHALL NOT BE FROST SUSCEPTIBLE IN ACCORDANCE WITH [MCHW VOL 1 SERIES 801 CLAUSE 7].
- ALL MADE GROUND TO BE REMOVED TO A DEPTH OF 3M.
- ALL KERBS TO BE LAID UPON 10MM MORTAR BED.
- ALL K1 KERBS REQUIRE DOWEL BARS.
- FOR KERB DETAILS REFER TO KIRKLEES STANDARD DETAILS DRAWING NO. HD / SD / 11 / 01A,02A,03A,04A,05A.



**RAMP (100mm CHECK TO 30mm CHECK) CONSTRUCTION SECTION (R1)**  
SCALE 1:10

**TACTILE PAVING CONSTRUCTION (T1)**

LAYER	DEPTH (mm)	MATERIAL	SPECIFICATION / COMMENTS
SURFACE COURSE	70	BUFF BLISTER TACTILE PCC BLOCK PAVIORS 450x450	
LAYING COURSE	25	4:1 SAND/CEMENT SEMI-DRY MIX	
BASE	70	AC20 DENSE BIN 100/150 REC	
SUB-BASE	100	SHW TYPE 1 SUB-BASE	SHW CLAUSE 803. MIN CBR 30% AT SURFACE OF LAYER
TOTAL	265		



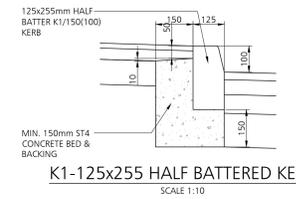
**PAVEMENT FOUNDATION DESIGN LOCAL RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD [TYPE B]**

SUB BASE ONLY	SUB BASE [TYPE 1] DEPTH	GROUND REMEDIATION REQUIRED TO IMPROVE SUB GRADE CBR	CBR %				
			< 2.5	2.5 TO 3.0	3.0 TO 4.0	4.0 TO 5.0	>15.0
			450	420	370	330	280*
SUB BASE ON CAPPING	SUB BASE [TYPE 1] DEPTH	CAPPING DEPTH	OR				
			350	320	280*	280*	280*
			250	240	230	210	150

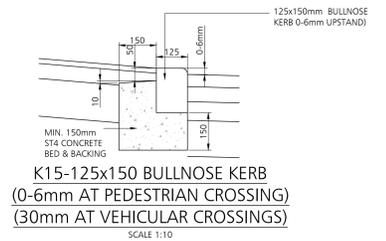
\* MINIMUM REQUIRED TYPE 1 SUB BASE DEPTH TO ACHIEVE 450MM OF NON-FROST SUSCEPTIBLE MATERIAL

**SHARED SURFACE ROAD DETAIL (F2 & C2)**  
SCALE 1:20

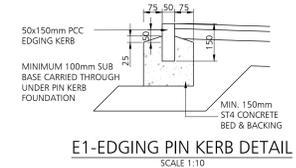
- UNLESS STATED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES.
- FOR PAVEMENT FOUNDATION DESIGN, THERE ARE TWO OPTIONS:
  - SUB BASE ONLY
  - SUB BASE AND CAPPING
  - SEE ADJACENT PAVEMENT DESIGN TABLE FOR LAYER THICKNESS.
- FOR PAVEMENT FOUNDATION DESIGN THE TOTAL PAVEMENT CONSTRUCTION BUILDUP FROM FINAL DESIGN SURFACE TO THE FOUNDATION, IS TO BE 450MM IN DEPTH, SUCH THAT THE MATERIALS SHALL NOT BE FROST SUSCEPTIBLE IN ACCORDANCE WITH [MCHW VOL 1 SERIES 801 CLAUSE 7].
- ALL MADE GROUND TO BE REMOVED TO A DEPTH OF 3M.
- ALL KERBS TO BE LAID UPON 10MM MORTAR BED.
- ALL K1 KERBS REQUIRE DOWEL BARS.
- FOR KERB DETAILS REFER TO KIRKLEES STANDARD DETAILS DRAWING NO. HD / SD / 11 / 01A,02A,03A,04A,05A.



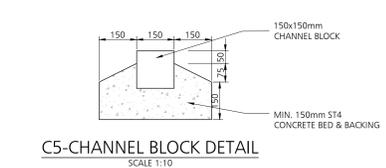
**K1-125x255 HALF BATTERED KERB**  
SCALE 1:10



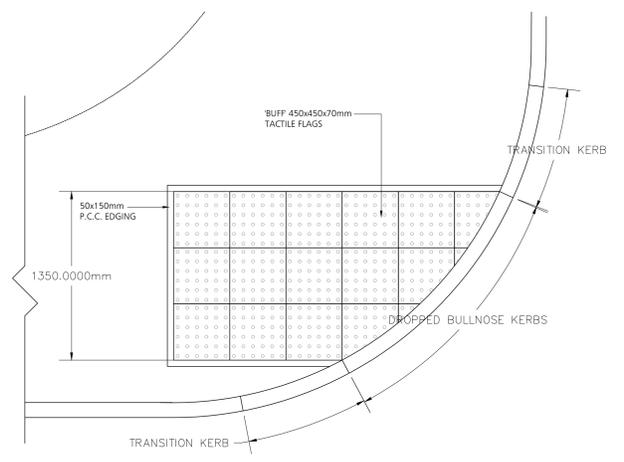
**K15-125x150 BULLNOSE KERB (0-6mm AT PEDESTRIAN CROSSING) (30mm AT VEHICULAR CROSSINGS)**  
SCALE 1:10



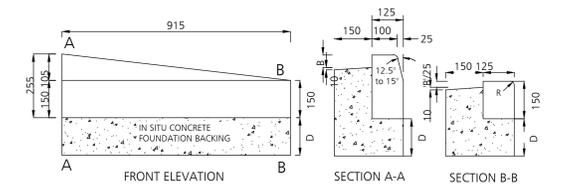
**E1-EDGING PIN KERB DETAIL**  
SCALE 1:10



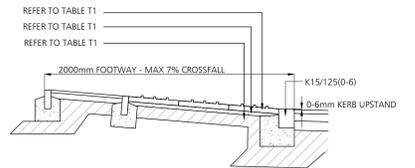
**C5-CHANNEL BLOCK DETAIL**  
SCALE 1:10



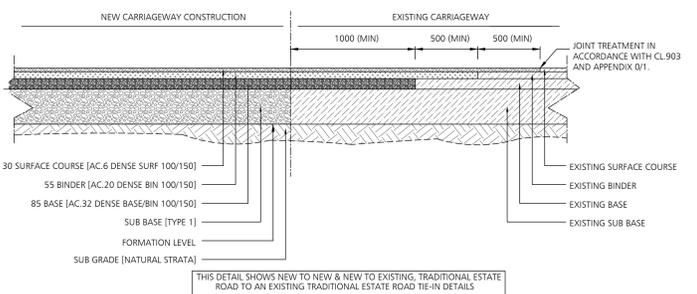
**PEDESTRIAN TACTILE LAYOUT ON A RADIUS KERB-LINE**  
SCALE 1:20



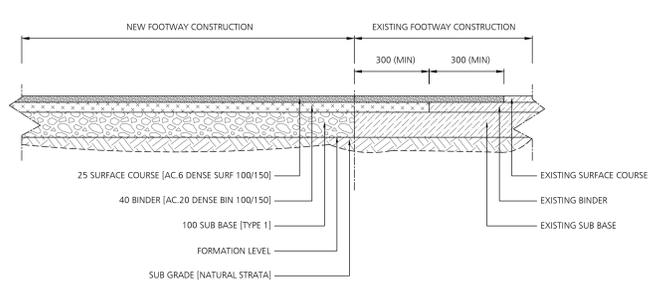
**K14 - TRANSITION KERB**  
SCALE 1:10



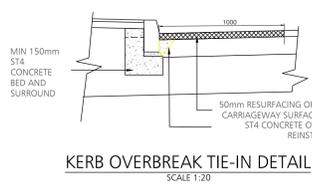
**TACTILE PAVING CROSSING SECTION**  
SCALE 1:20



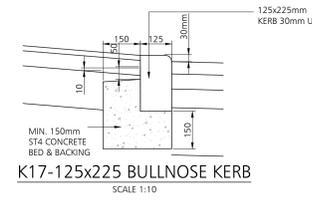
**TYPICAL ROAD CONSTRUCTION TIE IN**  
SCALE 1:20



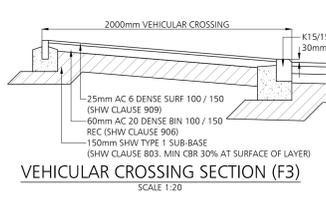
**TYPICAL FOOTWAY CONSTRUCTION TIE IN**  
SCALE 1:10



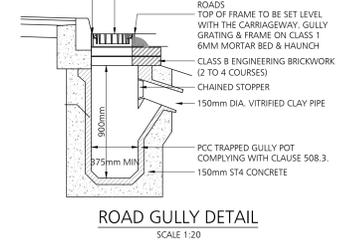
**KERB OVERBREAK TIE-IN DETAIL**  
SCALE 1:20



**K17-125x225 BULLNOSE KERB**  
SCALE 1:10



**VEHICULAR CROSSING SECTION (F3)**  
SCALE 1:20



**ROAD GULLY DETAIL**  
SCALE 1:20

DATE	REVISION DESCRIPTION	BY	CHK.	REV.
24.10.25	UPDATED TO SUIT UHA COMMENTS OF 24.10.25	JA	PD	P02
10.01.25	PRELIMINARY ISSUE	OB	JA	P01

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 info@dudleys.co.uk

**PROJECT**  
**HEALEY LANE**  
**BATLEY, WF17 8BN**

**TITLE**  
**SECTION 38 HIGHWAY**  
**CONSTRUCTION DETAILS**

SCALE	PAPER	STAGE	STATUS
AS SHOWN	A0	PRELIMINARY	

DRAWING NO. **24106-DCE-XX-XX-D-C-175** REV. **P02**