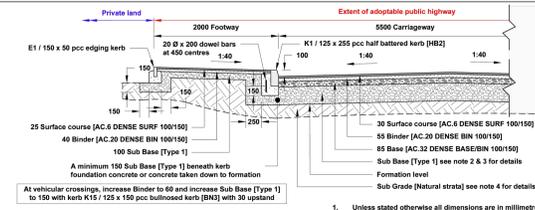


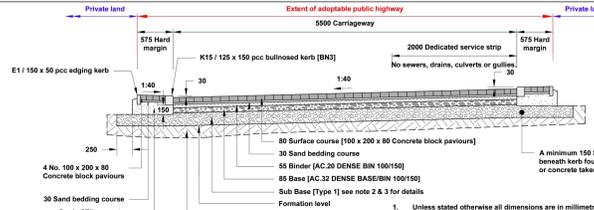
| CBR %      | SUB BASE ONLY | SUB BASE [TYPE 1] DEPTH | OR | SUB BASE [TYPE 1] DEPTH | CAPPING DEPTH |
|------------|---------------|-------------------------|----|-------------------------|---------------|
| < 2.5      | 450           | 420                     | OR | 350                     | 250           |
| 2.5 to 3.0 | 370           | 370                     | OR | 270                     | 230           |
| 3.0 to 4.0 | 370           | 370                     | OR | 270                     | 210           |
| 4.0 to 5.0 | 370           | 370                     | OR | 270                     | 150           |
| > 15.0     | 270           | 270                     | OR | 240                     | 150           |

RESIDENTIAL CONNECTOR STREET [TYPE A]  
N.T.S.



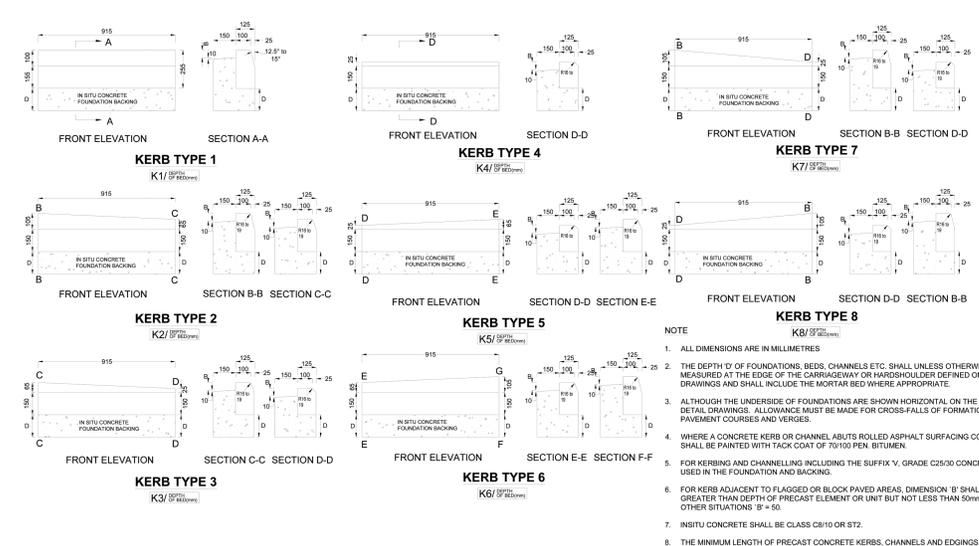
| CBR %      | SUB BASE ONLY | SUB BASE [TYPE 1] DEPTH | OR | SUB BASE [TYPE 1] DEPTH | CAPPING DEPTH |
|------------|---------------|-------------------------|----|-------------------------|---------------|
| < 2.5      | 450           | 420                     | OR | 350                     | 250           |
| 2.5 to 3.0 | 370           | 370                     | OR | 270                     | 230           |
| 3.0 to 4.0 | 370           | 370                     | OR | 270                     | 200           |
| 4.0 to 5.0 | 370           | 370                     | OR | 270                     | 150           |
| > 15.0     | 270           | 270                     | OR | 240                     | 150           |

LOCAL RESIDENTIAL STREET [TYPE B]  
N.T.S.



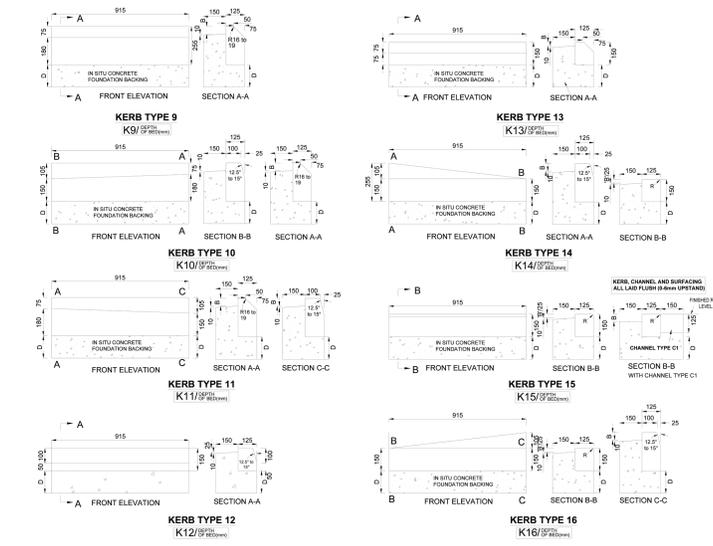
| CBR %      | SUB BASE ONLY | SUB BASE [TYPE 1] DEPTH | OR | SUB BASE [TYPE 1] DEPTH | CAPPING DEPTH |
|------------|---------------|-------------------------|----|-------------------------|---------------|
| < 2.5      | 450           | 420                     | OR | 350                     | 250           |
| 2.5 to 3.0 | 370           | 370                     | OR | 270                     | 230           |
| 3.0 to 4.0 | 370           | 370                     | OR | 270                     | 200           |
| 4.0 to 5.0 | 370           | 370                     | OR | 270                     | 150           |
| > 15.0     | 270           | 270                     | OR | 240                     | 150           |

SHARED SURFACE STREET [TYPE C]  
N.T.S.



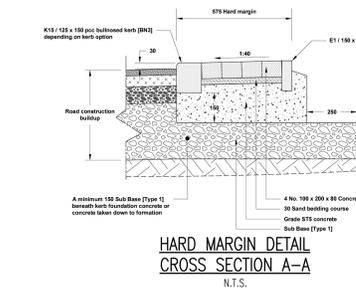
- NOTE**
- ALL DIMENSIONS ARE IN MILLIMETRES
  - THE DEPTH 'D' OF FOUNDATIONS, BEDS, CHANNELS ETC. SHALL UNLESS OTHERWISE SHOWN, BE MEASURED AT THE EDGE OF THE CARRIAGEWAY OR HANDSHOLDER DEFINED ON THE DRAWINGS AND SHALL INCLUDE THE MORTAR BED WHERE APPROPRIATE.
  - ALTHOUGH THE UNDERSIDE OF FOUNDATIONS ARE SHOWN HORIZONTAL ON THE STANDARD DETAIL DRAWINGS, ALLOWANCE MUST BE MADE FOR CROSS-FALLS OF FORMATIONS AND PAVEMENT COURSES AND VERGES.
  - WHERE A CONCRETE KERB OR CHANNEL ABUTS ROLLED ASPHALT SURFACING COURSE, IT SHALL BE PAINTED WITH TACK COAT OF 70/100 PEN. BITUMEN.
  - FOR KERBS AND CHANNELLING INCLUDING THE SUFFIX 'V', GRADE C25/30 CONCRETE IS TO BE USED IN THE FOUNDATION AND BACKING.
  - FOR KERB ADJACENT TO FLAGGED OR BLOCK PAVED AREAS, DIMENSION 'B' SHALL BE 15mm GREATER THAN DEPTH OF PRECAST ELEMENT OR UNIT BUT NOT LESS THAN 50mm. IN ALL OTHER SITUATIONS 'B' IS 50.
  - INSITU CONCRETE SHALL BE CLASS C8/10 OR S12.
  - THE MINIMUM LENGTH OF PRECAST CONCRETE KERBS, CHANNELS AND EDGINGS USED SHALL BE 300mm.

KERBING  
N.T.S.

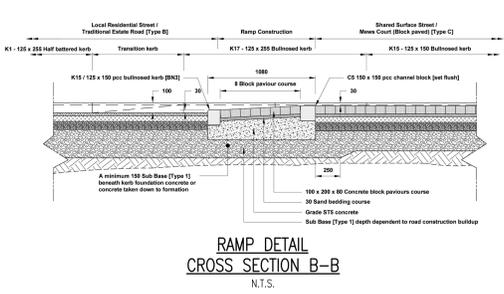


- NOTE**
- ALL DIMENSIONS ARE IN MILLIMETRES
  - THE DEPTH 'D' OF FOUNDATIONS, BEDS, CHANNELS ETC. SHALL UNLESS OTHERWISE SHOWN, BE MEASURED AT THE EDGE OF THE CARRIAGEWAY OR HANDSHOLDER DEFINED ON THE DRAWINGS AND SHALL INCLUDE THE MORTAR BED WHERE APPROPRIATE.
  - ALTHOUGH THE UNDERSIDE OF FOUNDATIONS ARE SHOWN HORIZONTAL ON THE STANDARD DETAIL DRAWINGS, ALLOWANCE MUST BE MADE FOR CROSS-FALLS OF FORMATIONS AND PAVEMENT COURSES AND VERGES.
  - WHERE A CONCRETE CHANNEL ABUTS ROLLED ASPHALT SURFACING COURSE, IT SHALL BE PAINTED WITH A TACK COAT OF 70/100 PEN. PAWING GRADE BITUMEN.
  - STANDARD 125 x 150 BULLNOSSED KERBS SHALL NOT BE FINISHED AS CHANNELS.
  - FOR CHANNELLING INCLUDING THE SUFFIX 'V', GRADE C25/30 CONCRETE IS TO BE USED IN THE FOUNDATION AND BACKING.
  - INSITU CONCRETE TO BE CLASS C8/10 OR S12.
  - FOR CHANNELS ADJACENT TO FLAGGED OR BLOCK PAVED AREAS, DIMENSION 'B' SHALL BE 15mm GREATER THAN DEPTH OF PRECAST ELEMENT OR UNIT. IN ALL OTHER SITUATIONS DEPTH AS SHOWN.

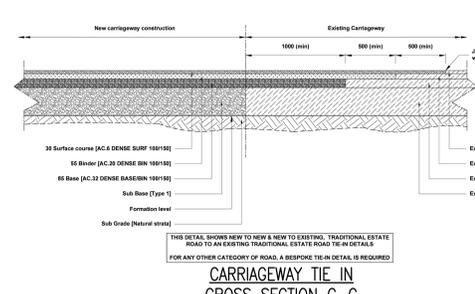
CHANNEL AND EDGING  
N.T.S.



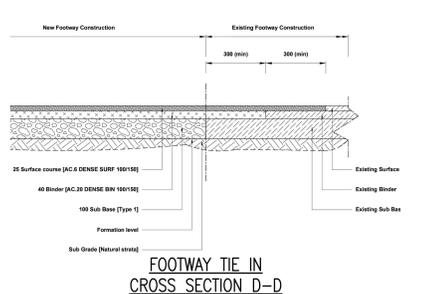
HARD MARGIN DETAIL  
CROSS SECTION A-A  
N.T.S.



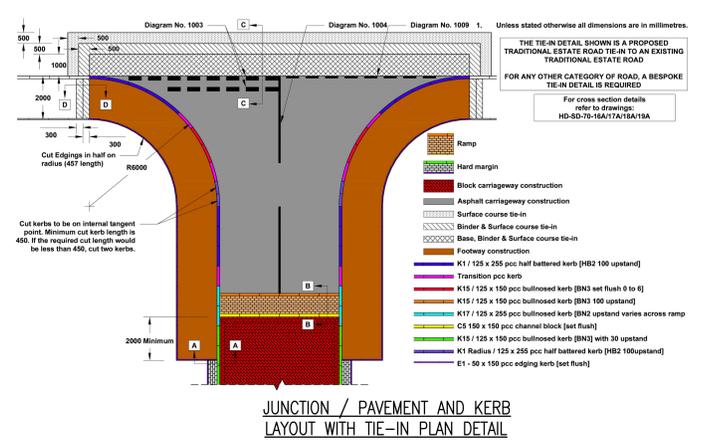
RAMP DETAIL  
CROSS SECTION B-B  
N.T.S.



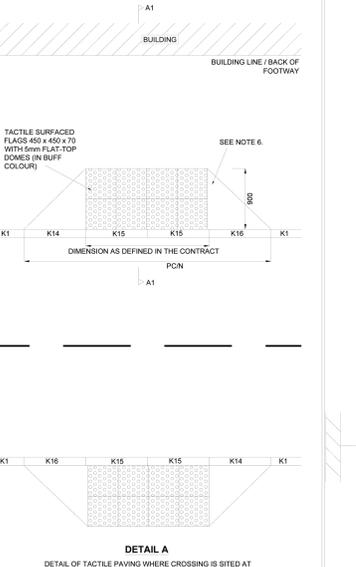
CARRIAGEWAY TIE IN  
CROSS SECTION C-C  
N.T.S.



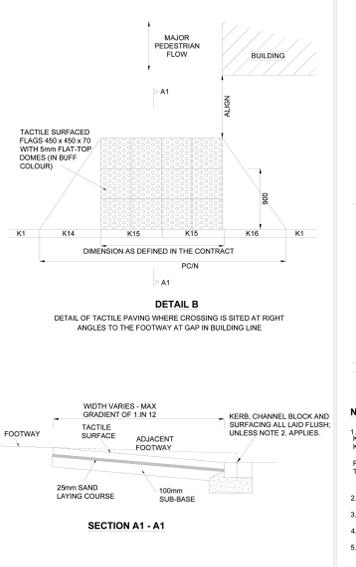
FOOTWAY TIE IN  
CROSS SECTION D-D  
N.T.S.



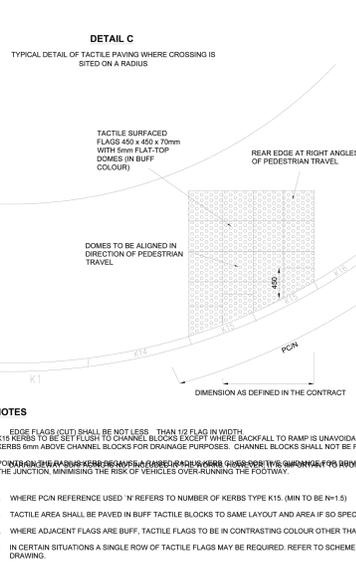
JUNCTION / PAVEMENT AND KERB  
LAYOUT WITH TIE-IN PLAN DETAIL  
N.T.S.



DETAIL A

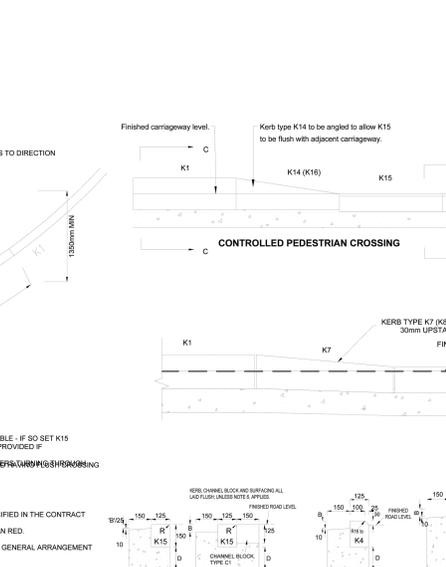


DETAIL B

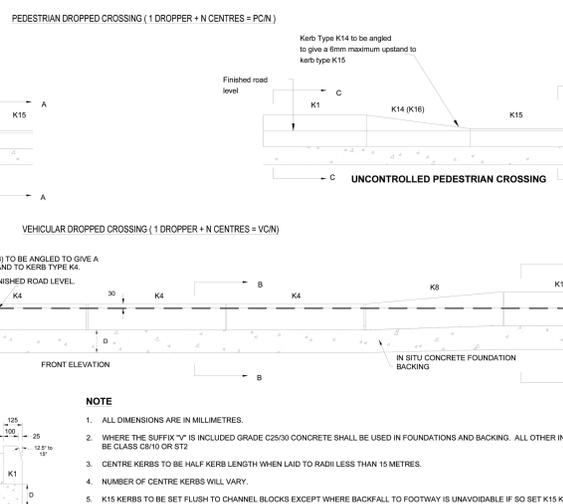


DETAIL C

UNCONTROLLED PEDESTRIAN CROSSING  
N.T.S.

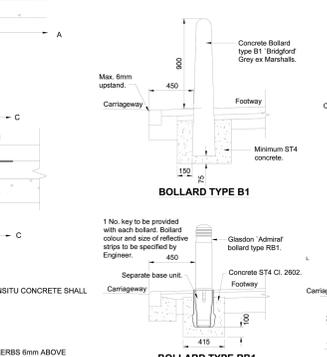


PEDESTRIAN AND VEHICULAR KERB TYPES  
N.T.S.



NOTE

- ALL DIMENSIONS ARE IN MILLIMETRES.
- WHERE THE SUFFIX 'V' IS INCLUDED GRADE C25/30 CONCRETE SHALL BE USED IN FOUNDATIONS AND BACKING. ALL OTHER INSITU CONCRETE SHALL BE CLASS C8/10 OR S12.
- CENTRE KERBS TO BE HALF KERB LENGTH WHEN LAID TO RADII LESS THAN 15 METRES.
- NUMBER OF CENTRE KERBS WILL VARY.
- K15 KERBS TO BE SET FLUSH TO CHANNEL BLOCKS EXCEPT WHERE BACKFALL TO FOOTWAY IS UNAVOIDABLE IF SO SET K15 KERBS 6mm ABOVE CHANNEL BLOCKS FOR DRAINAGE PURPOSES.
- CHANNEL BLOCKS SHALL NOT BE PROVIDED IF CARRIAGEWAY SURFACING IS NOT INCLUDED IN THE WORKS.



BOLLARDS  
N.T.S.

| REV | DATE       | BY  | DESCRIPTION                             | APPROVED |
|-----|------------|-----|---|----------|
| A   | 19/07/2023 | AKS | AMENDED FOLLOWING SIA COMMENTS RECEIVED | MA       |
|     |            |     |   |          |



|              |                                     |              |                |
|--------------|-------------------------------------|--------------|----------------|
| PROJECT:     | BRADLEY VILLA FARM<br>HUDDERSFIELD  |              |                |
| FILE:        | STANDARD HIGHWAY DETAILS<br>SHEET 2 |              |                |
| SCALE:       | N.T.S.                              | DESIGN/CHKD: | MA             |
| DATE:        | FEB 2023                            | APPROVED:    | MA             |
| PROJECT NO.: | 4607                                | DRAWING NO.: | 4607-16-06-204 |
| REV:         |                                     | REV:         | A              |

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