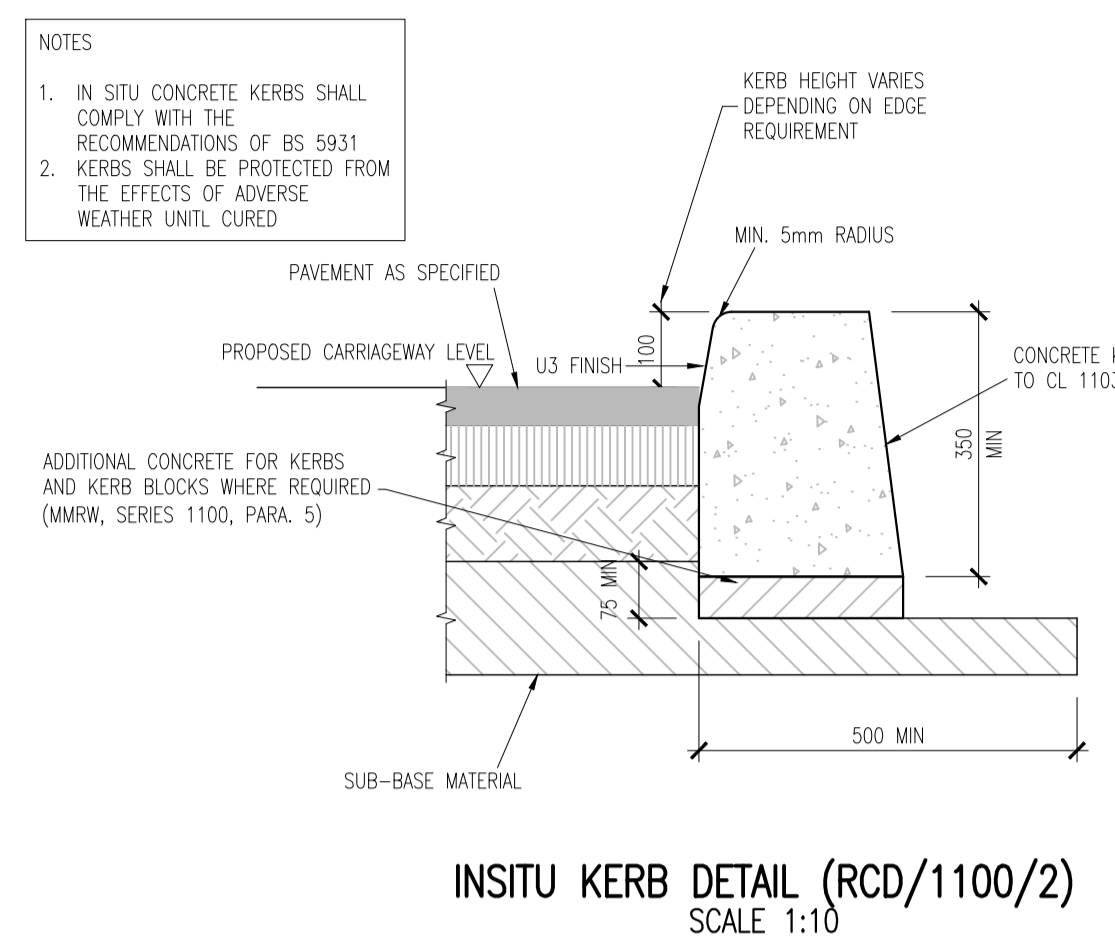


EDGE KERB (200mm) DETAIL (DBM TO PAVING BLOCK)  
SCALE 1:10



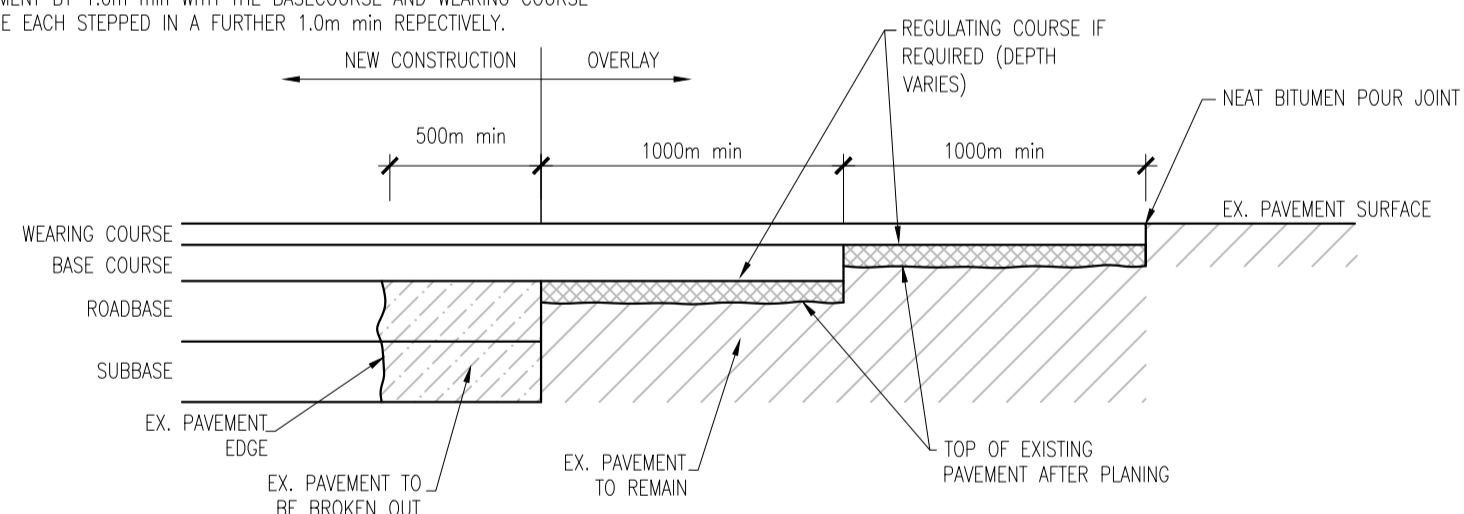
INSITU KERB DETAIL (RCD/1100/2)  
SCALE 1:10

FIG 3A

FIG 3B

NOTES:  
1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920.

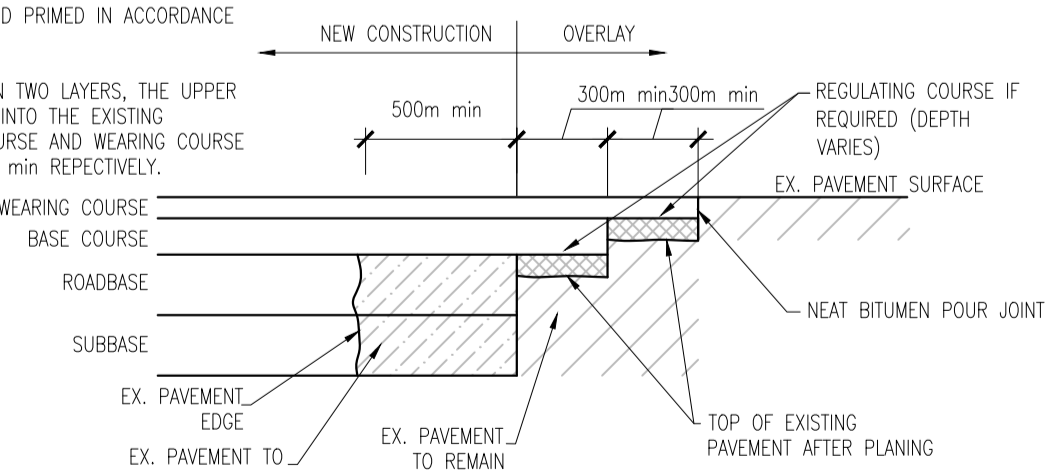
2. WHERE THE ROADBASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROADBASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1.0m MIN WITH THE BASECOURSE AND WEARING COURSE TO BE EACH STEPPED IN A FURTHER 1.0m MIN RESPECTIVELY.



TRANSVERSE JOINT  
SCALE 1:25

NOTES:  
1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920.

2. WHERE THE ROADBASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROADBASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 0.3m MIN WITH THE BASECOURSE AND WEARING COURSE TO BE EACH STEPPED IN A FURTHER 0.3m MIN RESPECTIVELY.

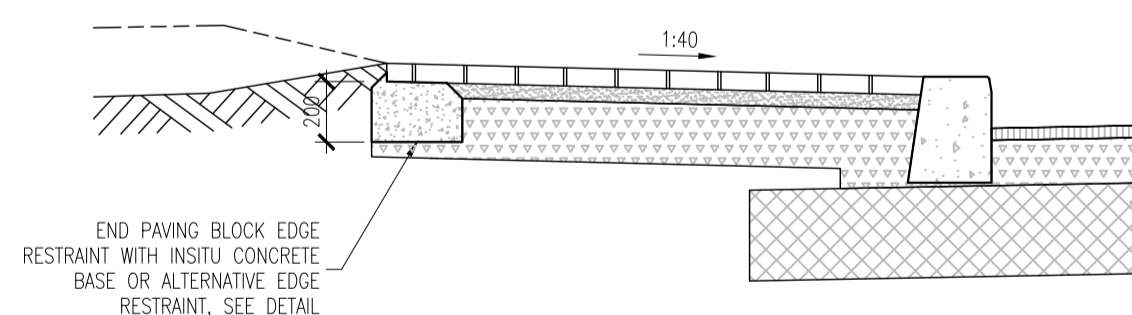


LONGITUDINAL JOINT DETAIL  
SCALE 1:25

FIG 3C

OFF-ROAD PAVED FOOTPATH CONSTRUCTION

60mm CONCRETE BLOCK PAVING TO IS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN, JOINTING MATERIAL TO BS 7533-3 AS BS EN 12620 OF 85 0/1 (FP) FINE AGGREGATE ON 50mm LAYING COURSE MATERIAL TO BS 7533-3 (MATERIAL CATEGORY III) AS BS EN 12060 OF 85 0/4 (MP) FINE AGGREGATE & FINES CONTENT 13 ON 250mm GRANULAR SUB-BASE TO CLAUSE 808 (TYPE B) WITH BLINDED SURFACE ON FORMATION COMPACTED WITH SMOOTH WHEEL ROLLER IN ACCORDANCE WITH SPECIFICATION (BASED ON CBR 3% AND SUBJECT TO MANUFACTURERS RECOMMENDATIONS)

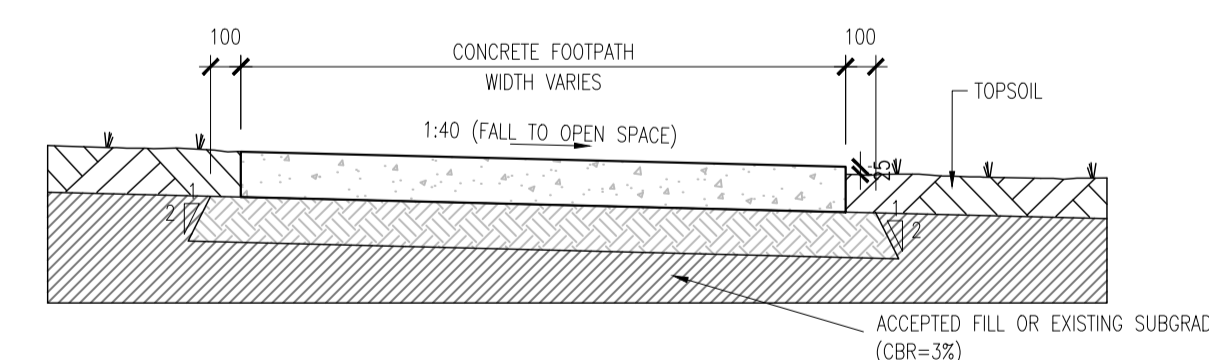


TYPICAL OFF-ROAD PEDESTRIAN ONLY PAVED  
FOOTPATH DETAIL (NON-PERMEABLE)  
SCALE 1:25

FIG 3D

CONCRETE FOOTPATH (UNTRAFFICKED)

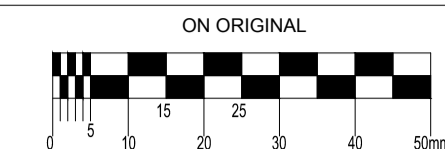
100mm CONCRETE PAVEMENT TO CL 1106(NRA) ON MINIMUM 150mm COMPACTED CLAUSE 808 SUB-BASE MATERIAL TO NRA SPECIFICATION, LAID TO FALL AND BLINDED WITH QUARRY SCREENINGS. JOINTS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES (JOINTS TO CONCORD WITH JOINTS IN THE KERB AND POSITIONED AT CORNERS ETC LIABE TO CRACKING). FINISH BY FLOATING WITH WOODEN TROWEL WHILE STILL GREEN THEN LIGHTLY BRUSHED WITH A BASS BROOM TO PRODUCE REQUIRED SURFACE TEXTURE TO WITHIN 100mm OF ALL JOINTS + EDGES.



TYPICAL FOOTPATH CONSTRUCTION  
SCALE 1:25

FIG 3E

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NOTES:

- GENERAL NOTES:
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE T1 SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS
  - ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
  - ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
  - ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
  - ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
  - ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
  - ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION SR 21.2014 - GUIDANCE ON THE USE OF IS EN 13242 + A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES

- ALL BITUMINOUS MATERIALS SHALL BE LAID & COMPACTED IN ACCORDANCE WITH SPECIFICATION SERIES 700 & 900.
- STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242
 

BS SIEVE SIZE (mm)	% BY MASS PASSING
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5
- CRUSHED STONE TO PERMEABLE PAVING AREAS WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242
 

BS SIEVE SIZE (mm)	% BY MASS PASSING
40	100
31.5	98-100
20	90-99
10	25-70
4	0-15
5	0-5
- ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH SPECIFICATION.
- ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- ALL GEORIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.
- ALL UTILITIES SHALL MAINTAIN SEPARATION DISTANCES AS PER THE UTILITY PROVIDERS REQUIREMENTS.
- ALL SEPARATION DISTANCES TO UTILITIES SHOWN ARE MINIMUM.
- ALL MINIMUM COVER DEPTHS SHOWN TO UTILITIES ARE MINIMUM.
- CONTRACTOR SHALL VERIFY ALL EXISTING SERVICES AND COVER TO SAME PRIOR TO LAYING CAPRINS.
- STREET LIGHTING LOCATIONS SHALL BE AS PER THE STREET LIGHTING LAYOUT AND COLUMN BASES INSTALLED AS PER STREET LIGHTING DESIGNER.
- CONTRACTOR SHALL PROVE CBR AT TOP OF CAPRING AT 15m CENTRES PRIOR TO PLACING SUB-BASE. CONTRACTOR SHALL PROVE CBR AT TOP OF SUB-BASE AT 75m CENTRES PRIOR TO PLACING BASE COURSE.

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rev	date	ISSUED FOR PLANNING	DKE	JPC
17-11-21				

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