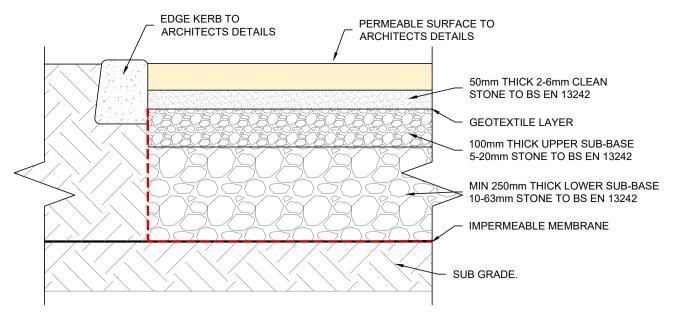


PAVEMENT TYPE 2: PAVEMENT TYPE 1: FLEXIBLE PAVEMENT ROAD CAST IN-SITU CONCRETE **SCALE 1:10 FOOTPATH**

SMOOTH TROWEL BAND BULLNOSE FINISH TO

ALL EDGES





PAVEMENT TYPE 3: PERMEABLE PAVING CAR PARKING BAYS

FOOTPATH

TYPICAL FOOTPATH AND KERB DETAIL

CAMBER/CROSSFALL

PATHS 1 in 40

KERBS TBC BY ARCHITECT

250 X 125 IN PRECAST

KERB TO IS 146

1. TRANSVERSE INDUCED JOINTS TO BE PROVIDED IN FOOTPATH @ 3m C/C. INDUCED JOINTS TO BE PROVIDED EITHER SIDE OF VEHICULAR CROSSINGS. PATH

THICKNESS TO INCREASE TO 200mm @ VEHICULAR CROSSINGS. A252 MESH

2. 20mm EXPANSION JOINTS TO BE PROVIDED IN THE FOOTPATH @ 24m CENTERS

SCALE 1:20

BOTTOM (50mm COVER) AT THICKENING LOCATIONS.

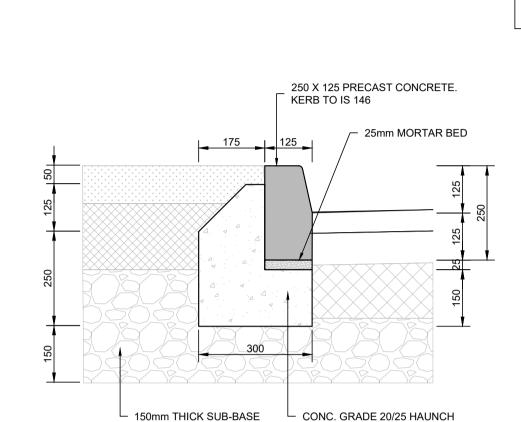
100mm IN-SITU CONC FOOTPATH

WITH BRUSHED FINISH TO TOP

POLYTHENE SHEETING

150mm THICK SUB-BASE

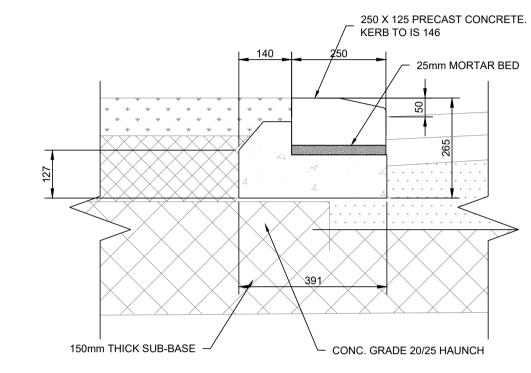
125MICRONS THICK



DOUBLE LAYER OF ROOFING FELT COMPLYING

TO IS 36 FOR FULL DEPTH OF JOINT

KERB DETAIL A TYPICAL 250x125mm KERB SCALE 1:10



ROADS SPECIFICATION:R150 OVERLAY & WIDENING DETAILS

BASE COURSE

(REGULATING)

ROAD BASE

SUB-BASE

CAPPING LAYER

CAPPING LAYER THICKNESS

ROAD SURFACING (i) COURSE 45mm THICKNESS (COMPACTED) DENSE (TWO COURSE)

NATIONAL ROADS AUTHORITY.

CBR RESULTS.

BITUMEN MACADAM WEARING COURSE (20mm NOMINAL SIZE

(i) SINGLE COURSE 55mm THICKNESS OF DENSE BITUMINOUS

MACADAM (20mm NOMINAL SIZE AGGREGATE) IN ACCORDANCE

AGGREGATE) IN ACCORDANCE WITH CLAUSE 903 "SPECIFICATION

150mm THICKNESS (COMPACTED) GRANULAR MATERIAL TYPE B

300mm THICKNESS (COMPACTED) ROCK (HARDCORE) MATERIAL.

THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 100mm AND

THROUGHOUT THE SIZES. EXACT THICKNESS TO BE BASED ON

THE MAXIMUM ALLOWABLE PASSING THE 75-MICRON SIEVE

SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED

WITH CLAUSE 906 "SPECIFICATION FOR ROAD WORKS" BY THE

FOR ROADWORKS" BY THE NATIONAL ROADS AUTHORITY.

SINGLE COURSE 80mm THICKNESS (COMPACTED) DENSE

BITUMEN MACADAM BASE COURSE (40mm NOMINAL SIZE

FOR ROAD WORKS" BY THE NATIONAL ROADS AUTHORITY.

IN ACCORDANCE WITH CLAUSE 804 "SPECIFICATION FOR

ROADWORKS" BY THE NATIONAL ROADS AUTHORITY.

AGGREGATE) IN ACCORDANCE WITH CLAUSE 910 "SPECIFICATION

KERB DETAIL B 250x125mm SHALLOW KERB

LAYER OF ROOFING FELT IS SUPPORTED IN THE JOINT AND HELD IN A STRAIGHT LINE 25mm MORTAR BED DURING THE CONSTRUCTION PROCESS. 5. IN-SITU CONCRETE SHALL BE POURED ON A SUB-BASE OF 150mm NOMINAL THICK OF GRANULAR MATERIAL COMPLYING WITH CLAUSE 808. CONCRETE SHALL BE LAID AND COMPACTED IN COMPLIANCE WITH THE 800 SERIES OF THE SPECIFICATION FOR ROAD WORKS. ALL MATERIALS SPECIFIED SHALL **COMPLY WITH REQUIREMENTS OF SR 21** (ANNEX E AMENDED TO I.S. EN 13242:2013 AND BASED ON THE REPORT OF PYRITE PANEL 2012) AGGREGATED FOR USE IN UNBOUND & HYDRAULICALLY BOUND GRANULAR MATERIALS 6. THE VERTICAL ALIGNMENT OF THE FINISHED SURFACE SHALL NOT DEPART FROM THE DESIGN LEVEL BY MORE THAN +-10m AT ANY POINT . THE MAXIMUM DEVIATION OF THE SURFACE UNDER A STRAIGHT EDGE SHALL NOT BE GREATER THAN 5mm IN 3m. THE CONTRACTOR SHALL ALLOW FOR THE CONC. GRADE 20/25 HAUNCH PROTECTION OF ALL EXISTING SERVICE

> THROUGHOUT THE WORKS ALL CONCRETE JOINTS AND EDGES SHALL BE BULL NOSED 7. CBR TESTS SHALL BE CARRIED OUT ON THE SUBGRADE AT FORMATION LEVEL. THE RATE OF THE TESTS SHALL BE 1 TEST PER 50 LINEAR METERS OF ROAD. WHERE TEST VALUES VARY SIGNIFICANTLY ADDITIONAL

CHAMBERS. MANHOLES AND DUCTING

GENERAL NOTES

1. THE CONTRACTOR SHOULD READ THIS ROAD

SPECIFICATION IN CONJUNCTION WITH THE

RELEVANT TYPICAL DETAILS.

2. JOINTS BETWEEN NEW ROAD

CONSTRUCTION AND EXISTING ROADS

TII-CC-SCD-00703. THE EDGES OF THE

ACCORDANCE WITH TII-CC-SCD-00703

EXISTING CARRIAGEWAY TO BE CUT BACK

BY 0.5m WITH A ROTARY SAW TO FORM A

INCLUDE FOR ALL ADDITIONAL EXCAVATION

AND FILLING TO ACHIEVE REQUIRED DEPTH

OF SUB BASE WHERE NEW AND EXISTING

3. ALL MANHOLES RAISED TO MEET THE NEW

ROAD LEVEL WHERE REQUIRED. DISHING

WHERE REQUIRED PROTECT COVER AND

FRAME DURING COURSE OF WORKS. ALL

4. FOOTPATH EXPANSION JOINTS SHALL BE

GRATER THAN 3m CENTERS AND SO

NEATLY AT THE SURFACE. THE

ARRANGED AS TO COINCIDE WITH THE JOINTS IN THE KERB JOINTS SHALL BE FORMED BY INSERTING A DOUBLE LAYER OF ROOFING FELT OR OTHER APPROVED METHODS. WHICH SHALL EXTEND THE FULL DEPTH OF THE SLAB AND BE FINISHED OFF

LEVEL WHERE REQUIRED

IN CONCRETE TO NEW OR ADJUSTED LEVELS

GULLIES TO MEET PROPOSED NEW SURFACE

NEATLY FORMED IN STRAIGHT LINES AT NOT

CONTRACTOR SHALL ENSURE THE DOUBLE

CONCRETE TO MANHOLE COVERS AND FRAMES AND INCLUDE FOR SETTING FRAME

SHALL BE AS PER THE DETAILS IN

VERTICAL FACE AND FRAMED IN

WORKS MEET.

DISCRETION OF THE ENGINEER 8. CAPPING LAYER SPECIFIED BASED ON ESTIMATED SUBGRADE CBR VALUE OF 8%. CAPPING LAYER MAY BE REDUCED/INCREASED SUBJECT TO ACTUAL SUBGRADE CBR TEST VALUES OBTAINED ON

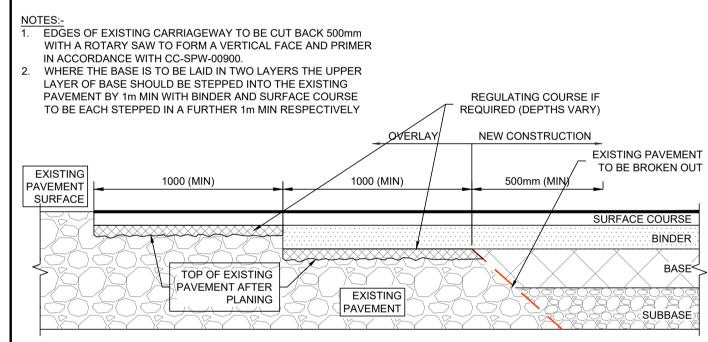
TESTS MAY BE REQUIRED AT THE

TYPICAL FOOTPATH PLAN EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK 500mm

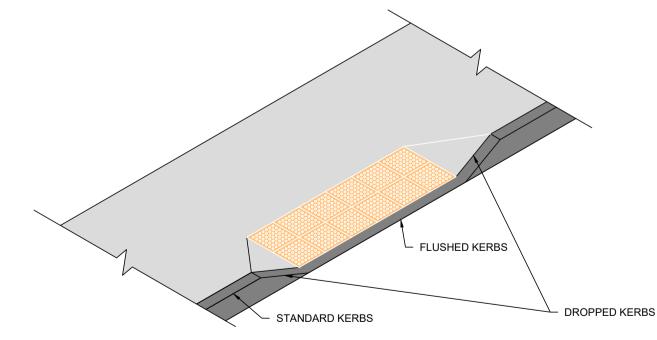
BRUSHED FINISH AS PER LANDSCAPE

ARCHITECTS SPECIFICATION

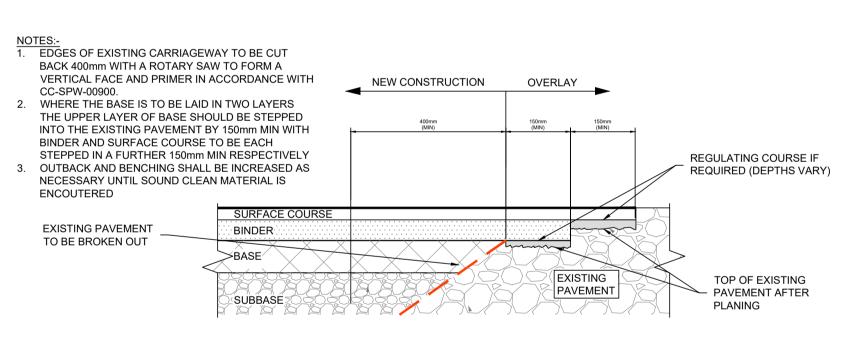
SCALE 1:10



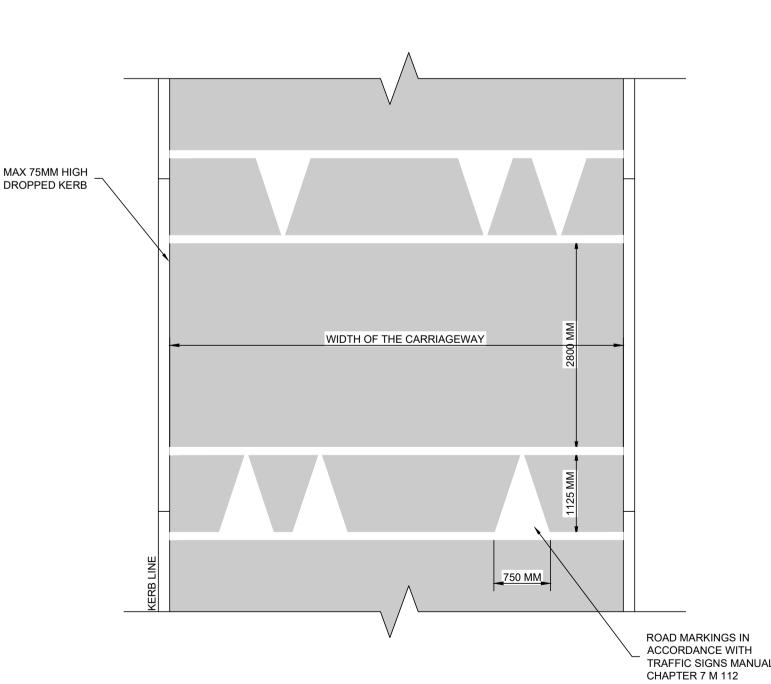
TYPICAL JOINT TRANSVERSE JOINT BETWEEN NEW CONSTRUCTION AND EXISTING PAVEMENT. **SCALE 1:20**



DROPPED KERB DETAIL AT **UNCONTROLLED CROSSING**



TYPICAL JOINT LONGITUDINAL JOINT BETWEEN NEW CONSTRUCTION AND EXISTING PAVEMENT



TYPICAL ROAD SPEEDBUMP

INFORMATION

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REVINO.	DATE.	REVISION NOTE.	DWN BY:	CKD BY:
P01	21/03/2025	PRELIMINARY PLANNING PACK	PM	DG
P02	02/04/2025	ISSUED FOR PLANNING	PM	DG
P03	02/05/2025	ISSUED FOR PLANNING	PM	DG

CLIENT: JH KINNIE LTD. HOUSING DEVELOPMENT AT KINNEGAD, **PROJECT** Co. WESTMEATH. TYPICAL INFRASTRUCTURE DETAILS TITLE: SHEET 1 CHECKED: **DRAWN** APPROVED PMDG 241139 MH P03 DRAWING NO: : +353 1 5242060 | W: www.ors.ie | E: info@ors.ie NOV. 2024 **AS SHOWN** 241139-ORS-ZZ-XX-DR-TR-710 ISO 9001:2015 QUALITY ASSURED COMPANY

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