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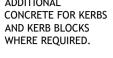
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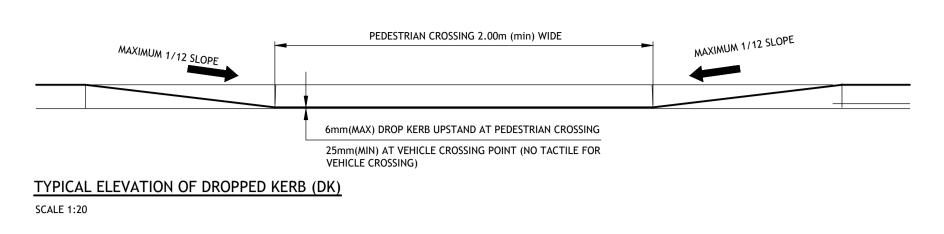


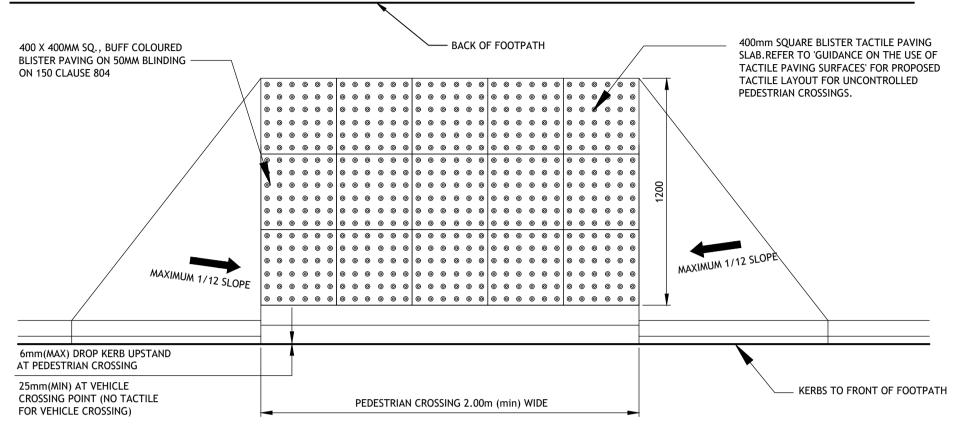
rawn By: P.J. Mulcahy ate Issued: 2020-01-22 ssued By: Dominika Pawlak

Date Drawn: 2019-09-20









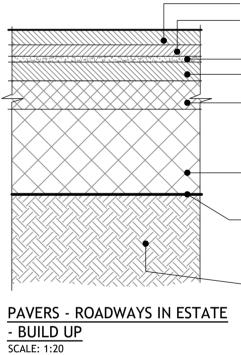
TYPICAL PLAN OF DROPPED KERB (DK) SCALE 1:20

PLATE BEARING TESTS TO BE CARRIED OUT BY THE CONTRACTOR 800mm BELOW PROPOSED FINISHED ROAD LEVEL TO ESTABLISH CBR VALUE ON SITE. 450x450 PLATE BEARING TESTS TO BE CARRIED OUT AT 20m x 20m GRID CENTERS ALONG PROPOSED ROAD - RESULTS TO BE SUBMITTED TO ENGINEER FOR **REVIEW PRIOR TO PLACEMENT** OF ANY GRANULAR MATERIAL

SOFT SPOTS TO BE DUG OUT AND BACKFILLED WITH SELECTED GRANULAR FILL TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS

> PLATE BEARING TESTS TO BE CARRIED OUT BY THE CONTRACTOR 800mm BELOW PROPOSED FINISHED ROAD LEVEL TO ESTABLISH CBR VALUE ON SITE, 450x450 PLATE BEARING TESTS TO BE CARRIED OUT AT 20m x 20m GRID CENTERS ALONG PROPOSED ROAD - RESULTS TO BE SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO PLACEMENT

SOFT SPOTS TO BE DUG OUT



80mm THICK CONCRETE PAVER 60mm AC 20 DENSE BIN 40/60

30mm THICK SAND LAYER 100mm AC 32 DENSE BASE 40/60 150mm GRANULAR MATERIAL TYPE B - SUB-BASE TO CLAUSE 808 COMPACTED IN LAYERS IN ACCORDANCE WITH CLAUSE 802 OF THE TII SPECIFICATION FOR ROADWORKS

450mm GRANULAR MATERIAL 6F2 TO TABLE 6/1 OF THE NRA SPECIFICATION FOR ROAD WORKS

- GEOTEXTILE AS PER CL 609 OF THE TI SPECIFICATION FOR ROADWORKS

SELECTED GRANULAR FILL TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS (IF REQUIRED)

40mm SMA 14 SURF PMB 65/105-70 des

60mm AC 20 DENSE BIN 40/60

100mm AC 32 DENSE BASE 40/60

IN LAYERS IN ACCORDANCE WITH

FOR ROADWORKS

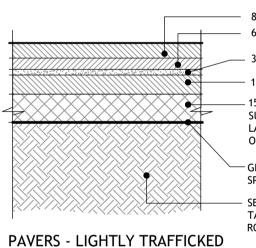
150mm GRANULAR MATERIAL TYPE B

- SUB-BASE TO CLAUSE 808 COMPACTED

CLAUSE 802 OF THE TII SPECIFICATION

PLATE BEARING TESTS TO BE CARRIED OUT BY THE CONTRACTOR 800mm BELOW PROPOSED FINISHED ROAD LEVEL TO ESTABLISH CBR VALUE ON SITE. 450x450 PLATE BEARING TESTS TO BE CARRIED OUT AT 20m x 20m GRID CENTERS ALONG PROPOSED ROAD - RESULTS TO BE SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO PLACEMENT OF ANY GRANULAR MATERIAL

SOFT SPOTS TO BE DUG OUT AND BACKFILLED WITH SELECTED GRANULAR FILL TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS



FOOTPATH - BUILD UP SCALE: 1:20

80mm THICK CONCRETE PAVER - 60mm AC 20 DENSE BIN 40/60 30mm THICK SAND LAYER

100mm AC 32 DENSE BASE 40/60 150mm GRANULAR MATERIAL TYPE B SUB-BASE TO CLAUSE 808 COMPACTED IN LAYERS IN ACCORDANCE WITH CLAUSE 802 OF THE TII SPECIFICATION FOR ROADWORKS

- GEOTEXTILE AS PER CL 609 OF THE TII SPECIFICATION FOR ROADWORKS SELECTED GRANULAR FILL TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS (IF REQUIRED)

A393 MESH TOP & BOTTOM

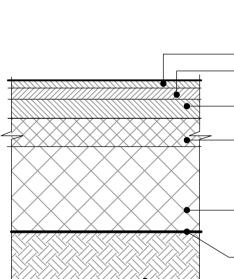
150mm C50 CONCRETE

- 150mm GRANULAR MATERIAL TYPE B SUB-BASE TO CLAUSE 808 OF THE NRA SPECIFICATION FOR ROADWORKS
- 300mm GRANULAR MATERIAL 6F2 TO TABLE 6/1 OF THE NRA SPECIFICATION FOR ROAD WORKS TENSAR TRIAX 170G COMPOSITE GEOGRID-GEOTEXTILE OR APPROVED EQUIVALENT
- SELECTED FILL MATERIAL (IF REQUIRED) TO TABLE 6 / 1 CLASS 1A OF THE NRA SPECIFICATION FOR ROAD WORKS

PLATE BEARING TEST TO BE UNDERTAKEN AT 10M C/C/ AT FORMATION LAND AT ALL PAVEMENTS TO BE ISSUED TO PUNCH FOR APPROVAL PRIOR TO PLACING GRANULAR MATERIAL

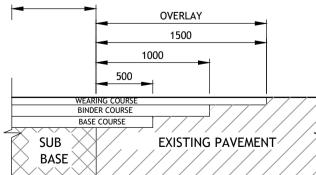
OF ANY GRANULAR MATERIAL

AND BACKFILLED WITH SELECTED GRANULAR FILL TO CLASS 6C OF TABLE 6/1 OF THE TII SPECIFICATION FOR ROADWORKS



ESTATE ROADS- BUILD UP SCALE: 1:20

NEW CONSTRUCTION



NOTE 100°C HOT BITUMEN BINDER 50 PEN OR COLD THIOTROPIC BITUMEN 50-70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH BS 594 PRIOR TO THE APPLICATION OF BITUMEN MACADAM. JOINTS TO BE SEALED WITH HOT BITUMEN. THE BITUMEN SEALANT SHALL NOT EXCEED 3mm DEPTH AND A WIDTH OF 40mm.

PRELIMINARY ISSUE

ISSUED FOR PLANNING

TRANSITION DETAIL NOT TO SCALE

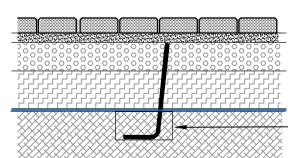
Design & Construction

Capital/Delivery

PAS 1192-2

bsi.

BIM Verified



PAVEMENT AS PER PERVIOUS PAVER DETAIL

150mm DEEP TRENCH FILLED WITH AS-DUG BARRIER AND PREVENT "SHORT-CIRCUITING"

TYPICAL SECTION THROUGH IMPERMEABLE BARRIER SCALE 1:20



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PLATE BEARING TESTS REQUIRED 280mm BELOW

RESULTS TO BE SUBMITTED TO THE ENGINEER 10

GRANULAR MATERIAL. TOTAL BUILD UP WILL BE

CONCRETE FOOTPATH BUILD-UP

FINISHED GROUND LEVEL AT 10m CENTERS -

WORKING DAYS PRIOR TO EXCAVATION FOR

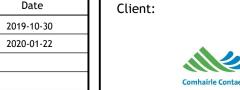
REVIEW ON RECEIPT OF TEST RESULTS.

(TRAFFICKED AREAS)

Bv

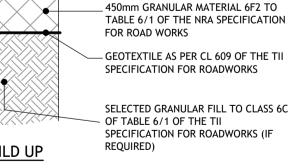
SCALE 1:20

MATERIAL TO ANCHOR IMPERMEABLE OF BUND BY WATER MOVEMENT

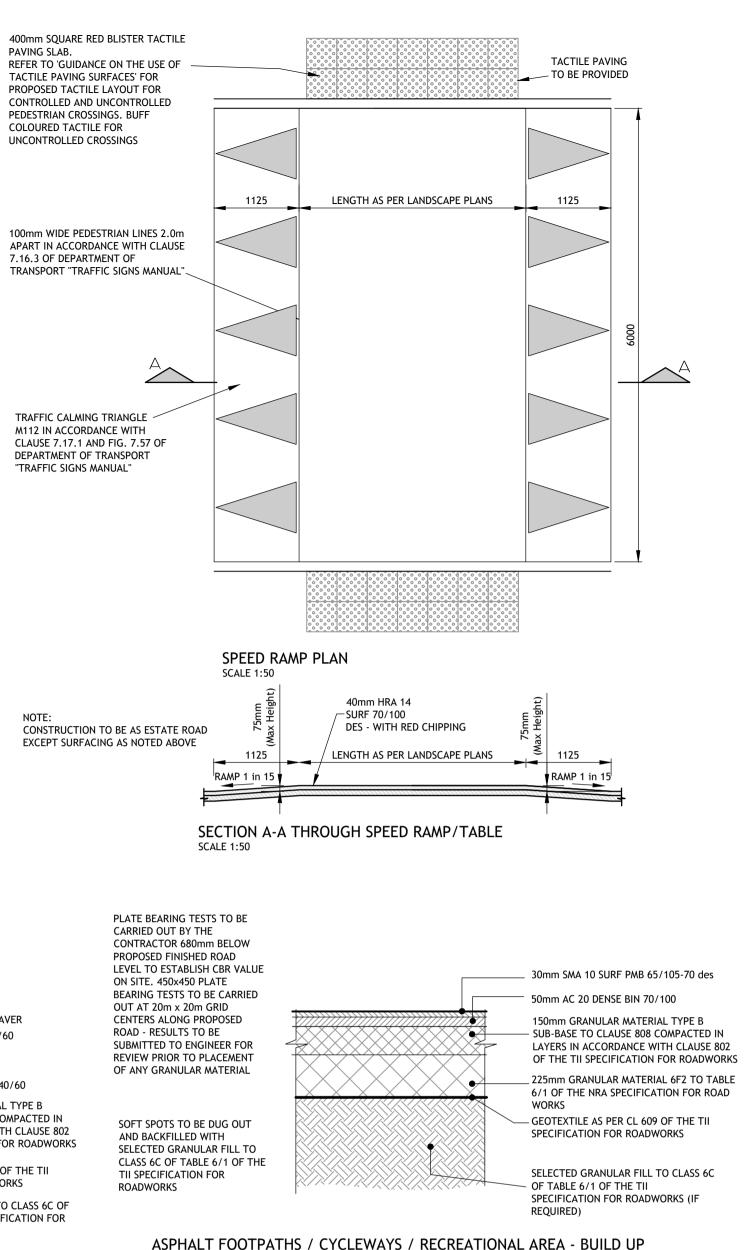








∆mendment



SCALE: 1:20

RESIDENTIAL DEVELOPMENT SHANGANAGH CASTLE



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| Stage: PLANNING | |
|---------------------------------|------|
| Scale @ A1: 1:500 | |
| Technician Check: P.J. Mulcahy | |
| Engineer Check: Philip Bayfield | |
| Approved: Donal Gallery | |
| Drawing No: | Rev: |
| 182-134-032 | PL0 |