

DESIGN STANDARDS FOR CONCRETE AND BRICK PAVING – VEHICLE CROSSINGS

CONCRETE PAVING			
CONCRETE THICKNESS	REINFORCEMENT	SUB-BASE SAND OR F.C.R.	SECTION
125mm	SL72 (F72) MESH	SAND OR F.C.R. OR AS DIRECTED	<p style="font-size: small;">SL72 (F72) MESH ON 50mm CHAIRS CONCRETE PAVING 50mm COMPACTED DEPTH OF 20mm CLASS 3 F.C.R.</p>

BRICK PAVING			
BRICK THICKNESS	SAND BEDDING	SUB-BASE F.C.R.	SECTION
65mm	30mm	100mm	<p style="font-size: small;">100mm COMPACTED DEPTH OF CLASS 2 F.C.R.</p>

CONCRETE PAVING NOTES:

1. CONCRETE CROSSOVERS TO BE CONSTRUCTED ON EVEN COMPACTED GROUND.
2. CONCRETE STRENGTH 25MPa AFTER 28 DAYS.
3. COMMERCIAL CROSSOVERS USE 170mm THICK PAVING WITH SL72 (F72) MESH ON 100mm CHAIRS.
4. CONCRETE PAVING SURFACE FINISH:-
 - i. COLOURING OPTIONAL AND TO THE APPROVAL OF COUNCIL'S REPRESENTATIVE.
 - ii. TEXTURE - LIGHT OR HEAVY BASS BROOM FINISH.
 - iii. JOINTING - BETWEEN 1000mm TO 1500mm PANELS TO MATCH FINISH OF EXISTING OR PROPOSED INSIDE PROPERTY.
- CLOSE JOINTED AS DIRECTED BY COUNCIL'S REPRESENTATIVE OR TO MATCH EXISTING CONCRETE FOOTPATH.
5. CHAIRS SHALL SUPPORT THE MESH AT 900mm CENTRES.
6. BEDDING - INSITU SAND MAY BE USED AT THE DISCRETION OF COUNCIL'S REPRESENTATIVE.
6. N12 (Y12) STARTER BARS AT 300 CENTRES INTO BACK OF KERB & CHANNEL, 60mm COVER MIN.

BRICK PAVING NOTES:

1. SUB-BASE MATERIAL, CLASS 2 NOMINAL 20mm F.C.R. COMPACTED TO 98% OF MODIFIED COMPACTION TEST VALUE AS 1289.
2. BRICK CROSSOVERS TO HAVE EDGE RESTRAINTS, CONCRETE HAUNCHING, TIMBER PLINTHS OR CONCRETE EDGE STRIPS.
3. COMMERCIAL CROSSOVERS, USE 80mm THICK INTERLOCKING BRICKS ON APPROPRIATE SUB-BASE. TIMBER PLINTHS USED ONLY ON RESIDENTIAL CROSSOVERS.
4. CLAY SUBGRADES - 150mm COMPACTED DEPTH OF 20mm CLASS 2 F.C.R.

GENERAL NOTES:

1. IN CASES WHERE POOR SUBGRADE CONDITIONS EXIST, CONSIDERATION SHOULD BE GIVEN TO SOME FORM OF STABILISATION IN THE SUB-BASE OF BRICK PAVING OR EXTRA REINFORCEMENT IN CONCRETE PAVING.



**MORNINGTON
PENINSULA**
Shire

STANDARD PLAN

VEHICLE CROSSINGS CONSTRUCTION STANDARDS FOR CONCRETE & BRICK PAVING

CERTIFICATION

DEREK ROTTER - MANAGER PROJECT DELIVERY

DATE OF ISSUE: Sept 2015

SHEET NO.: 1 OF 1

MP303