



| NOTES AND DETAILS | | |
|------------------------|------------------------------------|------------------------------------|
| ITEM | RESIDENTIAL | COMMERCIAL |
| MIN. GRAVEL DEPTH | 100mm | SUBJECT TO DESIGN |
| MIN. CONCRETE DEPTH | 100mm | SUBJECT TO DESIGN |
| MIN. ASPHALT DEPTH | 5mm MIX 20mm DEPTH | 7mm MIX 20mm DEPTH |
| CONCRETE STRENGTH | 20MPa | 20MPa |
| STEEL REINFORCEMENT | F62 OPTIONAL | SUBJECT TO DESIGN |
| MIN. WIDTH AT BOUNDARY | 3.0m (SEE BELOW) | 6.0m |
| MAX. WIDTH AT BOUNDARY | 6.0m | 10m |
| WIDTH AT KERB LINE | WIDTH AT BOUNDARY + 1.5m SPLAYS | WIDTH AT BOUNDARY + 1.5m SPLAYS |
| SPLAYS | 1.5m x 3.0m | 1.5m x 3.0m |

- NOTE:** A STANDARD CROSSOVER WIDTH IS 3.0m (MIN) AT THE BOUNDARY. REDUCTION IN WIDTH IS SUBJECT TO APPROVAL BY COUNCILS ENGINEERING SERVICES.
- THIS DRAWING IS TO BE READ AND THE CROSSOVER CONSTRUCTED IN ACCORDANCE WITH THE STANDARD CROSSOVER SPECIFICATION.
 - COUNCIL'S ENGINEERING SERVICE DOES NOT SETOUT LEVELS BUT SHOULD BE CONTACTED IF THE LEVEL CONTROL REQUIRED BY THIS DRAWING CANNOT BE ACHIEVED.
 - LOCATION:
 - VEHICLE CROSSOVERS SHALL NOT BE CONSTRUCTED CLOSER THAN 6.25m FROM THE PROPERTY LINE INTERSECTION POINT AT CORNER SITES UNLESS APPROVED BY COUNCIL'S ENGINEERING SERVICES.
 - VEHICLE CROSSOVERS SHALL NOT BE CONSTRUCTED CLOSER THAN 500mm TO ANY SIDE BOUNDARY UNLESS APPROVED BY COUNCIL'S ENGINEERING SERVICES.
 - ADEQUATE SIGHT DISTANCE IS REQUIRED WHEN SITING THE CROSSOVER.
 - FLAT TERRAIN:
 - IN OLDER SUBDIVISIONS, WHERE EXISTING CROSSOVERS ARE ESTABLISHED, NEW CROSSOVERS SHALL HAVE THE SAME RELATIONSHIP AND LEVEL IN RESPECT TO THE CROWN ON THE ROAD AS EXISTING CROSSOVERS.
 - OTHER CROSSOVERS - OR WHERE A FOOTPATH EXISTS (EITHER AT THE PROPERTY LINE OR ADJOINING THE KERB), THIS SHALL BE TAKEN FOR LEVEL CONTROL, WITH THE CROSSOVER GRADED FROM THAT LEVEL TO THE ROAD OR PROPERTY BOUNDARY RESPECTIVELY.
 - HILLS AREA:

DUE TO DIFFICULT TERRAIN, EACH LEVEL WILL HAVE TO BE ESTABLISHED TO SUIT THE EXISTING CONDITIONS. GENERALLY THE CROSSOVER AT THE FENCE-LINE IS TO HAVE THE SAME CROSSFALL AS THE LONGITUDINAL GRADE OF THE ROAD i.e. THE LEVEL FOR EACH EDGE OF THE CROSSOVER TO BE TAKEN SEPARATELY FROM THE CENTRE LINE OF THE ROAD.
 - ADDITIONAL COSTS:

ANY COSTS INCURRED BY RELOCATING, REMOVING OR ADJUSTING EXISTING OBSTRUCTIONS IN ORDER TO CONSTRUCT THE CROSSOVER SHALL BE MET BY THE APPLICANT. THESE MAY INCLUDE KERBING, VERGE TREES, STREET FURNITURE, SERVICE FACILITIES AND STORMWATER STRUCTURES.
 - DRAWING NOT TO SCALE, (N.T.S.) DIAGRAMMATIC ONLY.

- NOTE: CONCRETE EXPANSION JOINTS**
- SUITABLE EXPANSION JOINT MATERIALS;
 - CANEITE
 - MASTIC
 - EXPANSION JOINT TO BE THE FULL THICKNESS OF THE CONCRETE.
 - AN EXPANSION JOINT MUST BE PROVIDED AT THE PROPERTY BOUNDARY (SECTION "A") AND AT THE REAR OF THE KERB (SECTION "B")

- NOTE: BRICK PAVING**
- FIRED CLAY BRICK PAVING MIN. 60mm THICK IN A HERRINGBONE PATTERN
 - EDGE RESTRAINTS RECTANGULAR CLAY PAVING BRICK MORTARED ONTO FOOTING

- NOTE: ASPHALT/BITUMEN ACCEPTABLE ALTERNATIVE TO EDGE BOARD IS FLUSH GARDEN KERBING**

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| ORIGINAL DRAWING SIZE | | A1 | | IN THE ABSENCE OF THE APPROVED SIGNATURE THIS DRAWING SHALL BE TREATED AS PRELIMINARY | | | |
|-----------------------|----------|------------|------|---|------|----------|------|
| DRAWING SCALES | DATUM | AMENDMENTS | DATE | NAME | DATE | DESIGNED | DATE |
| HORZ. SEE NOTE 7 | GNB | | | B. WATERS | 8/94 | DRAWN | |
| VERT. | FILE NO. | | | C. WILSON | 8/94 | APPROVED | |
| | MEMPH | | | | | | |

STANDARD VEHICLE CROSSOVER DETAILS

DRAWING NUMBER
C865