

### TYPICAL CROSS SECTION FOR AN ACCESS STREET

Maximum Traffic Volume = 1000 vpd

#### NOTES

1. TRAFFICABLE WIDTH CAN BE NARROWED AT INTERSECTIONS AND OTHER LOCATIONS TO CREATE SQUEEZE POINTS (TYPICAL WIDTH OF 5m) FOR SPEED MANAGEMENT PURPOSES.
2. KERB AND CHANNEL TO BE ROLLOVER AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 403
3. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
4. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH DETAIL.
5. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
6. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



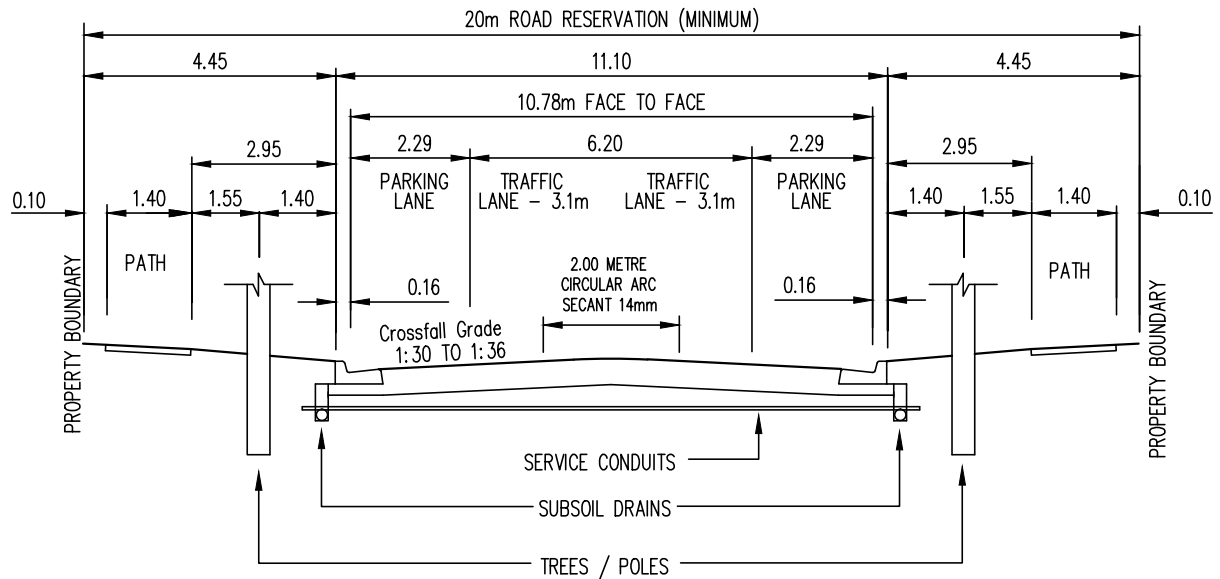
GREATER DANDENONG

RESIDENTIAL STREETS – URBAN ZONES  
TYPICAL GEOMETRIC CROSS SECTION  
FOR ACCESS STREET

LAST UPDATED – SEPTEMBER 2014

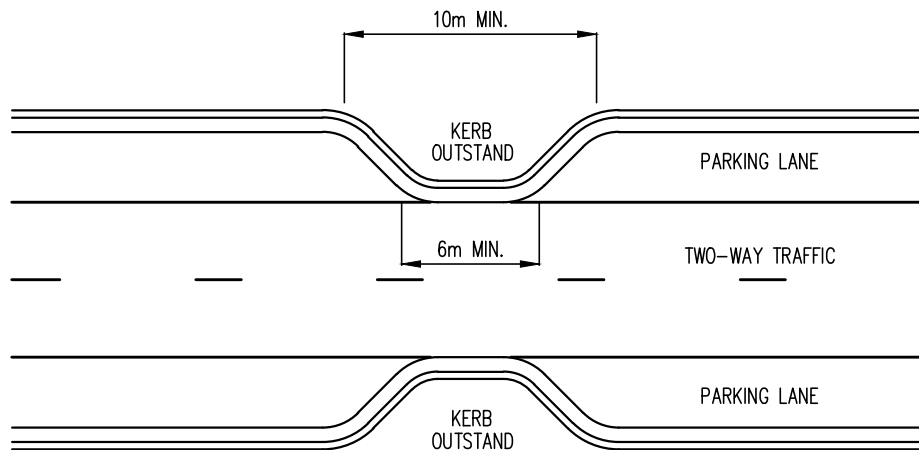
INFRASTRUCTURE PLANNING

SD 001–B



### TYPICAL CROSS SECTION FOR COLLECTOR ROADS

Maximum Traffic Volume = 3000 vpd



### KERB OUTSTAND DETAIL

#### NOTES

1. PARKING LANES ARE TO BE PROVIDED ON BOTH SIDES OF THE ROAD.
2. KERB OUTSTANDS SHALL BE TYPICALLY LOCATED AT 100m SPACINGS (MAXIMUM) AND AT INTERSECTIONS.
3. KERB OUTSTANDS ARE TO HAVE A MINIMUM LENGTH OF 6m ALONG THE EDGE OF THE PARKING LANE AND A MINIMUM LENGTH OF 10m ALONG BACK OF KERB.
4. KERB AND CHANNEL TO BE BARRIER TYPE AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 400
5. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
6. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH DETAIL.
7. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
8. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



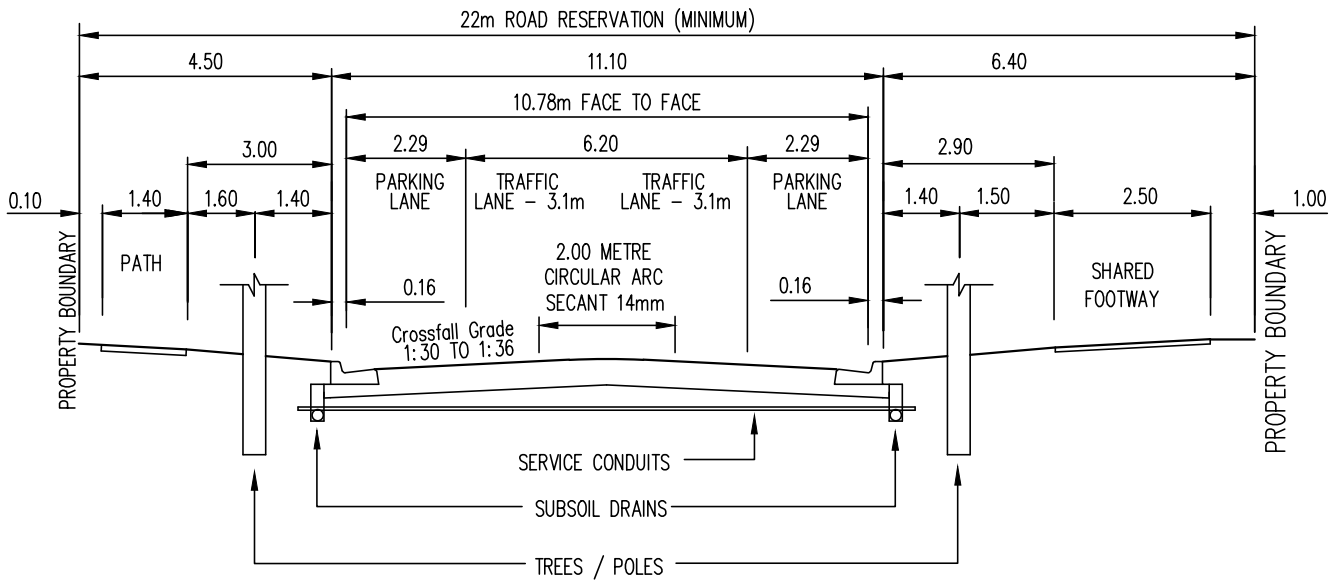
GREATER DANDENONG

RESIDENTIAL STREETS – URBAN ZONES  
TYPICAL GEOMETRIC CROSS SECTION  
COLLECTOR ROADS

LAST UPDATED – SEPTEMBER 2014

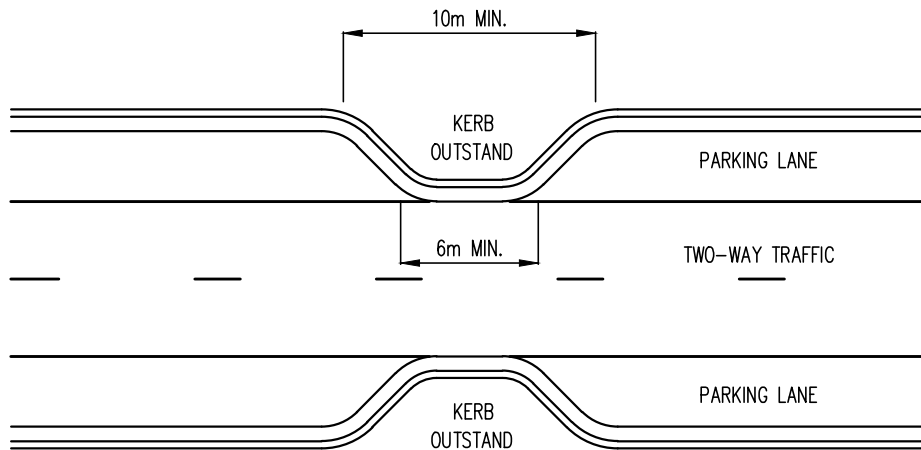
INFRASTRUCTURE PLANNING

SD 002-B



### TYPICAL CROSS SECTION FOR COLLECTOR ROADS WITH A SHARED FOOTWAY

Maximum Traffic Volume = 3000 vpd



### KERB OUTSTAND DETAIL

#### NOTES

1. PARKING LANES ARE TO BE PROVIDED ON BOTH SIDES OF THE ROAD.
2. KERB OUTSTANDS SHALL BE TYPICALLY LOCATED AT 100m SPACINGS (MAXIMUM) AND AT INTERSECTIONS.
3. KERB OUTSTANDS ARE TO HAVE A MINIMUM LENGTH OF 6m ALONG THE EDGE OF THE PARKING LANE AND A MINIMUM LENGTH OF 10m ALONG BACK OF KERB.
4. KERB AND CHANNEL TO BE BARRIER TYPE AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 400
5. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
6. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH DETAIL.
7. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
8. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



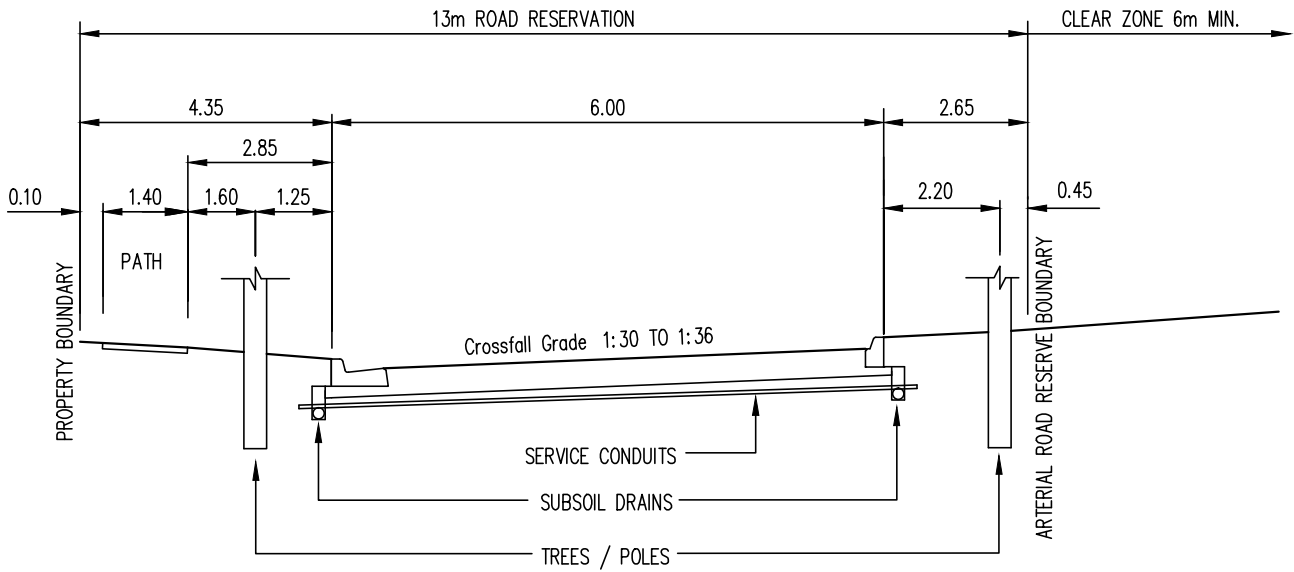
GREATER DANDENONG

RESIDENTIAL STREETS – URBAN ZONES  
TYPICAL GEOMETRIC CROSS SECTION  
COLLECTOR ROADS WITH SHARED FOOTWAY

LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

SD 003-B



### TYPICAL CROSS SECTION FOR A SERVICE ROAD

Maximum Traffic Volume = 1000 vpd

#### NOTES

1. TRAFFICABLE WIDTH CAN BE NARROWED AT INTERSECTIONS AND OTHER LOCATIONS TO CREATE SQUEEZE POINTS (TYPICAL WIDTH OF 5m) FOR SPEED MANAGEMENT PURPOSES.
2. KERB AND CHANNEL TO BE BARRIER TYPE AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 400 (LOW SIDE) & SD 401 (HIGH SIDE).
3. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
4. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH DETAIL.
5. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
6. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



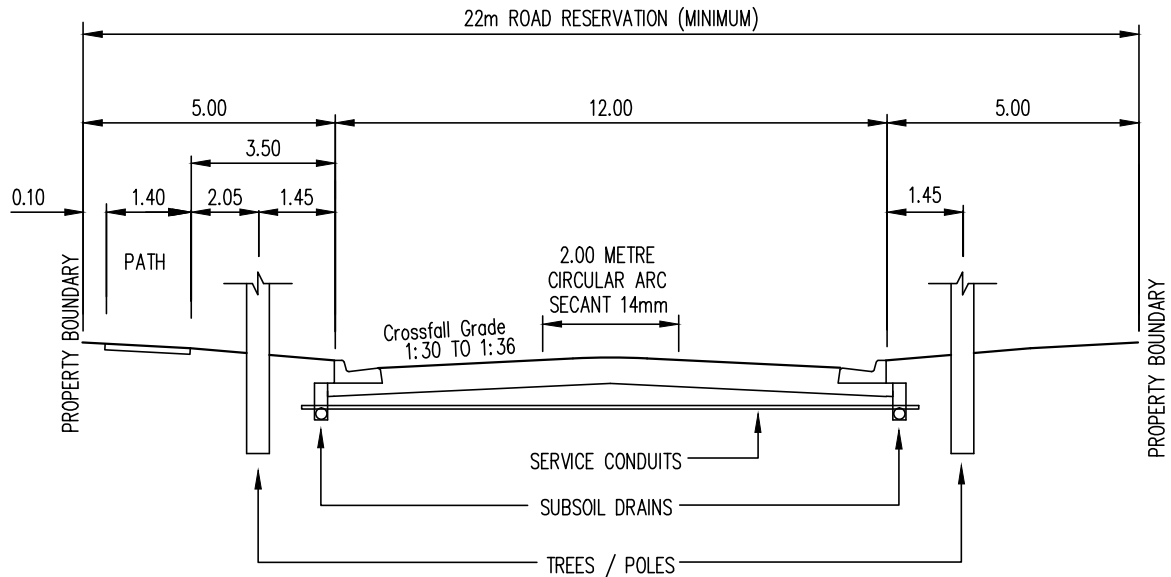
**GREATER DANDENONG**

**RESIDENTIAL STREETS – URBAN ZONES**  
TYPICAL GEOMETRIC CROSS SECTION  
SERVICE ROAD

LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

**SD 004–B**



TYPICAL CROSS SECTION FOR  
INDUSTRIAL ROAD OR COMMERCIAL ROAD

### NOTES

1. KERB AND CHANNEL TO BE BARRIER TYPE AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 400
2. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
3. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH DETAIL.
4. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
5. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



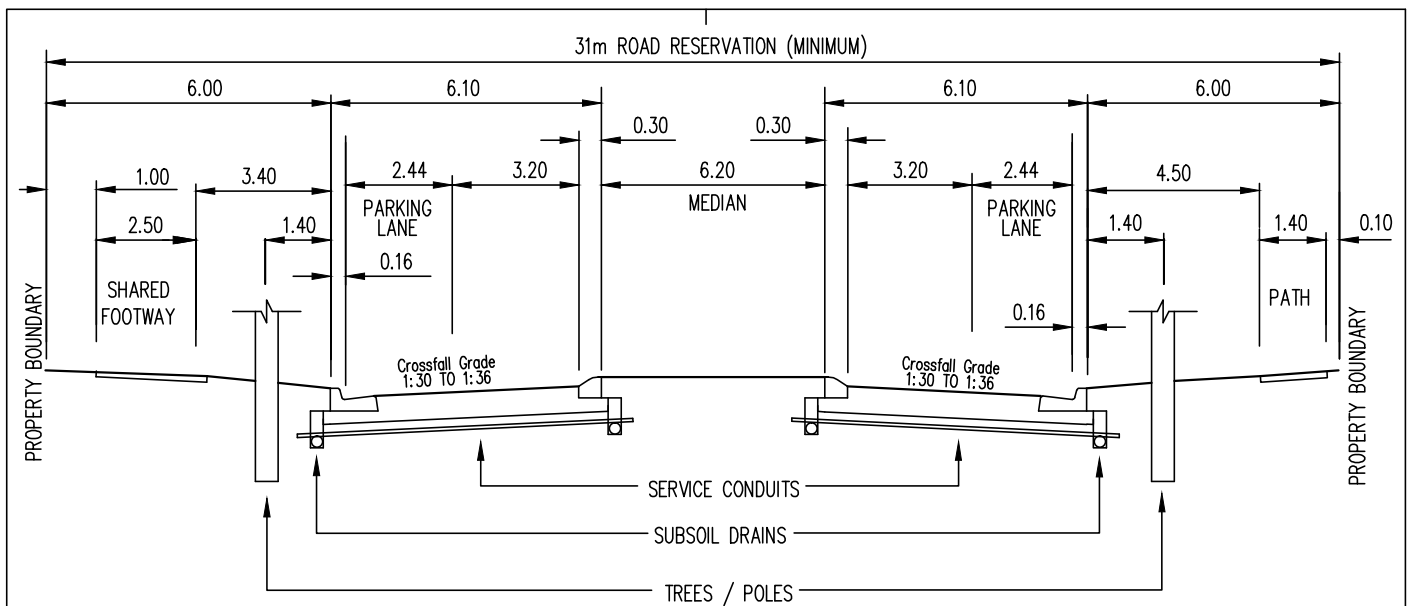
GREATER DANDENONG

INDUSTRIAL ROADS  
TYPICAL GEOMETRIC CROSS SECTION

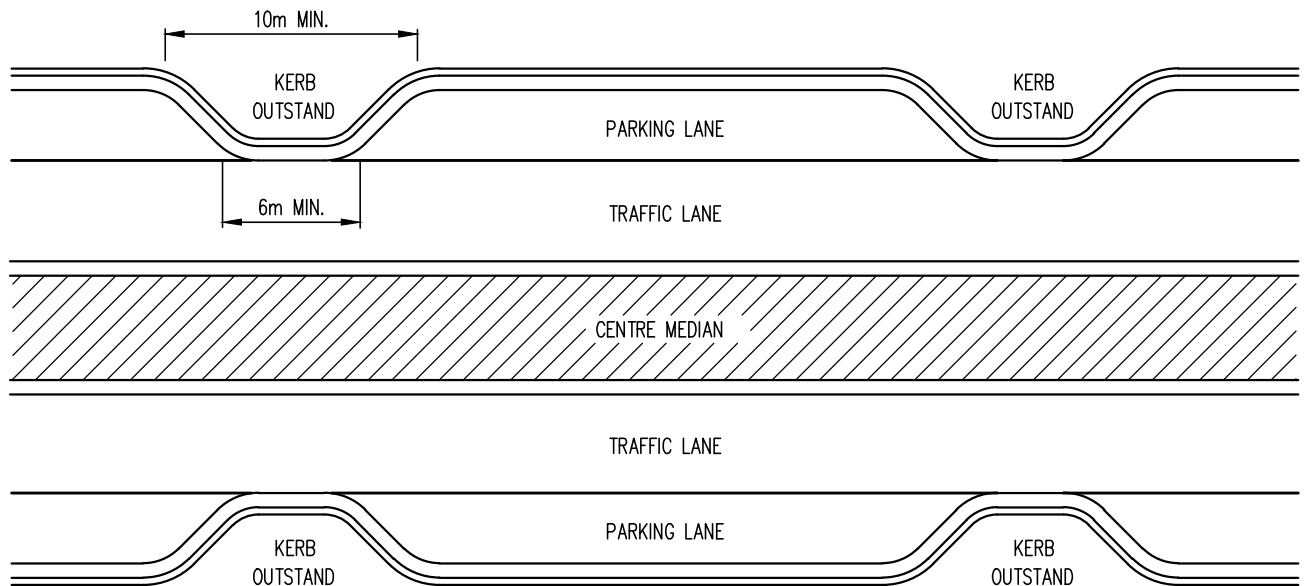
LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

SD 005–C



TYPICAL CROSS SECTION FOR BOULEVARD TRUNK COLLECTOR  
Maximum Traffic Volume = 6000 vpd



KERB OUTSTAND DETAIL

NOTES

1. PARKING LANES ARE TO BE PROVIDED ON BOTH SIDES OF THE ROAD.
2. KERB OUTSTANDS SHALL BE TYPICALLY LOCATED AT 100m SPACINGS (MAXIMUM) AND AT INTERSECTIONS.
3. KERB OUTSTANDS ARE TO HAVE A MINIMUM LENGTH OF 6m ALONG THE EDGE OF THE PARKING LANE AND A MINIMUM LENGTH OF 10m ALONG BACK OF KERB.
4. KERB AND CHANNEL TO BE BARRIER TYPE AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 400 AND THE MEDIAN KERBING TO BE TO CITY OF GREATER DANDENONG STANDARD SD 407
5. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
6. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH AND SHARED FOOTWAY DETAILS.
7. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
8. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



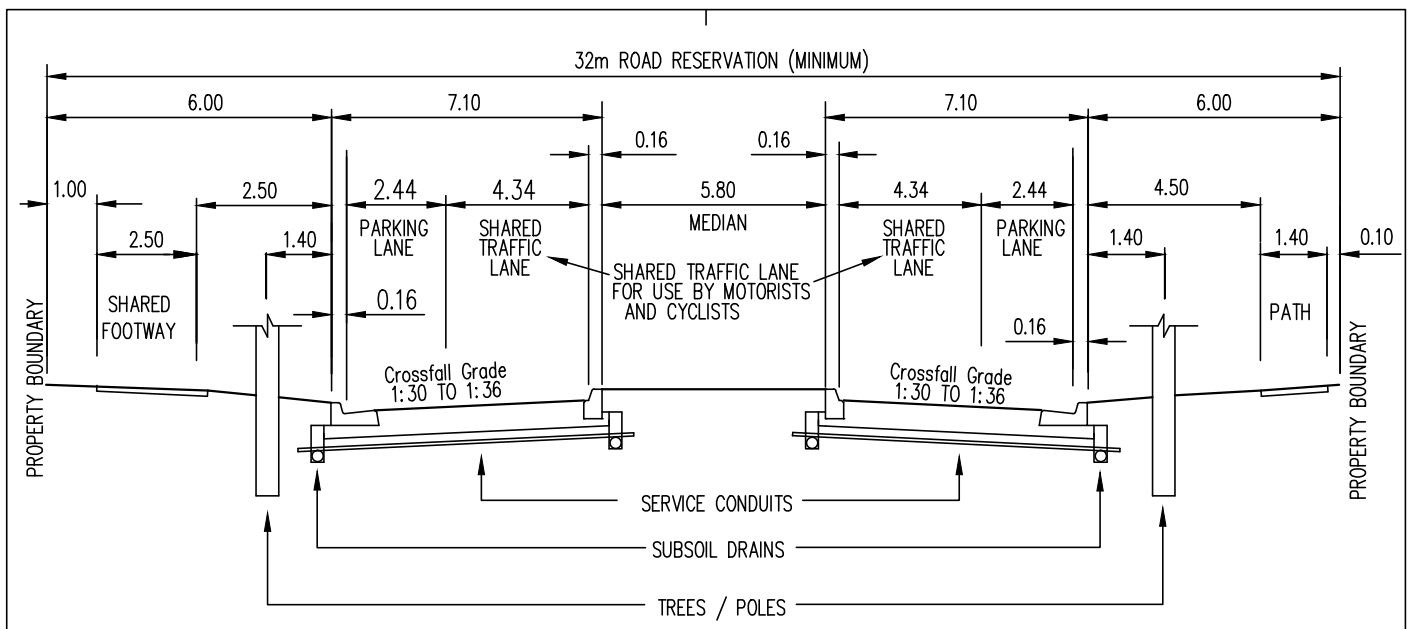
GREATER DANDENONG

MAJOR ROADS – URBAN ZONES  
TYPICAL GEOMETRIC CROSS SECTIONS  
BOULEVARD TRUNK COLLECTOR – 3.2m TRAFFIC LANES

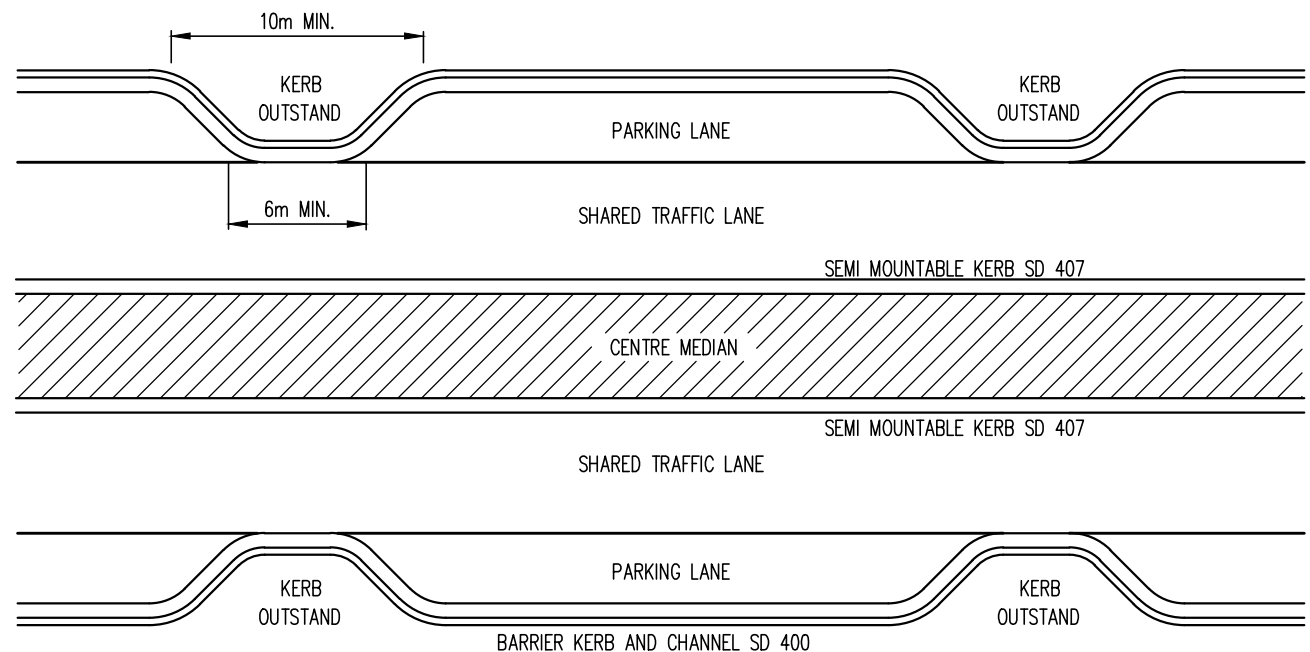
LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

SD 006-B



TYPICAL CROSS SECTION FOR BOULEVARD TRUNK COLLECTOR  
Maximum Traffic Volume = 10,000 vpd



KERB OUTSTAND DETAIL

NOTES

1. PARKING LANES ARE TO BE PROVIDED ON BOTH SIDES OF THE ROAD.
2. KERB OUTSTANDS SHALL BE TYPICALLY LOCATED AT 100m SPACINGS (MAXIMUM) AND AT INTERSECTIONS.
3. KERB OUTSTANDS ARE TO HAVE A MINIMUM LENGTH OF 6m ALONG THE EDGE OF THE PARKING LANE AND A MINIMUM LENGTH OF 10m ALONG BACK OF KERB.
4. KERB AND CHANNEL TO BE BARRIER TYPE AS PER CITY OF GREATER DANDENONG STANDARD DRAWING SD 400 AND THE MEDIAN KERBING TO BE TO CITY OF GREATER DANDENONG STANDARD SD 401.
5. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
6. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH AND SHARED FOOTWAY DETAILS.
7. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
8. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



GREATER DANDENONG

MAJOR ROADS – URBAN ZONES

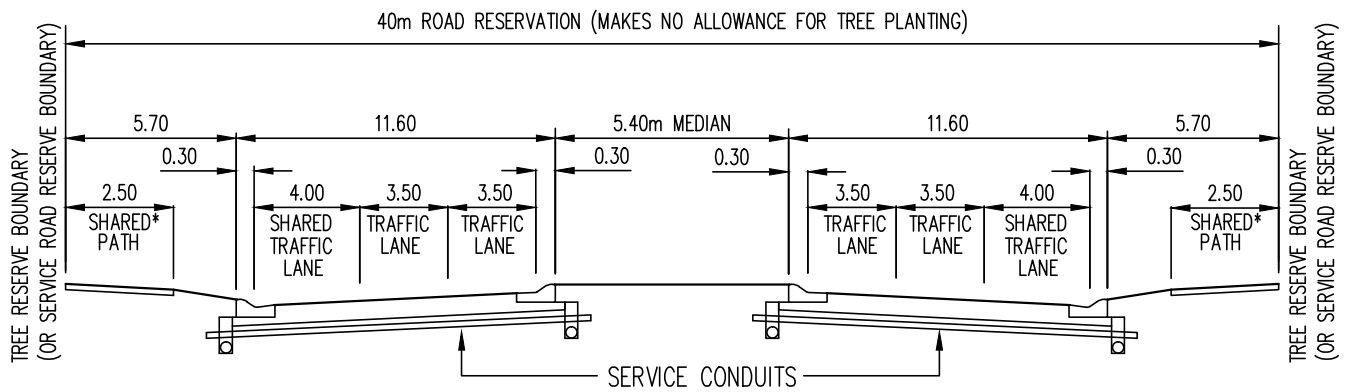
TYPICAL GEOMETRIC CROSS SECTIONS

BOULEVARD TRUNK COLLECTOR – 4.2m TRAFFIC LANES

LAST UPDATED – SEPTEMBER 2014

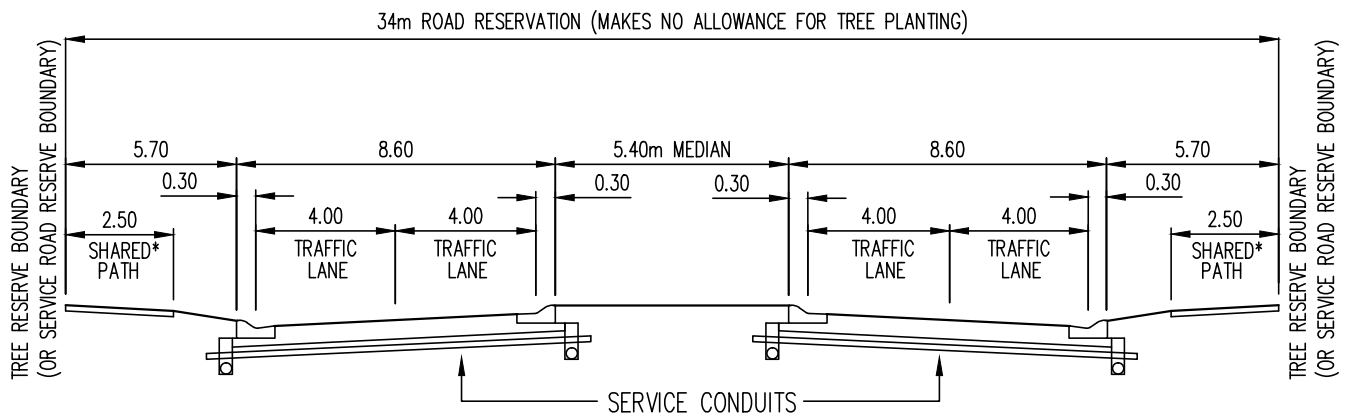
INFRASTRUCTURE PLANNING

SD 007-B



SHARED TRAFFIC LANE FOR USE BY BOTH MOTORISTS AND CYCLISTS  
 \* SHARED PATH NOT REQUIRED WHERE SERVICE ROAD PROVIDED.

TYPICAL CROSS SECTION FOR SIX LANE DIVIDED ARTERIAL ROAD  
 (40m ROAD RESERVATION)



\* SHARED PATH NOT REQUIRED WHERE SERVICE ROAD PROVIDED.

TYPICAL CROSS SECTION FOR FOUR LANE DIVIDED ARTERIAL ROAD  
 (34m ROAD RESERVATION)

DERIVED FROM VICROAD'S STANDARD DRAWING FIGURE 11 'TYPICAL MID-BLOCK ARTERIAL ROAD CROSS SECTIONS'

**NOTES**

1. KERB AND CHANNEL TO BE SEMI-MOUNTABLE AS PER VICROADS STANDARDS.
2. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 226 FOR SUBSOIL DRAIN DETAIL.
3. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 308 FOR FOOTPATH DETAIL.
4. REFER TO CITY OF GREATER DANDENONG STANDARD DRAWING SD 009 FOR SERVICE CONDUIT LOCATION DETAILS.
5. REFER TO CODE OF PRACTICE FOR COORDINATION OF STREET WORKS, VICTORIA FOR SERVICES LOCATIONS



**GREATER DANDENONG**

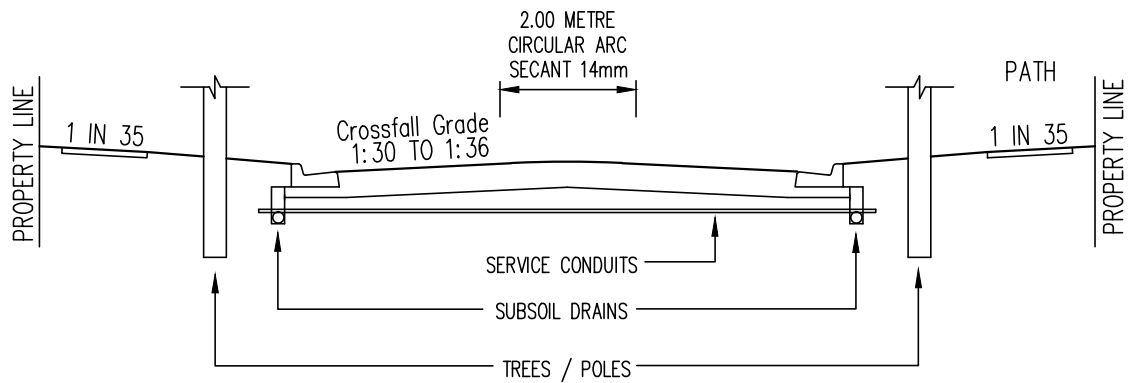
**MAJOR ROADS – URBAN ZONES**  
 TYPICAL GEOMETRIC CROSS SECTIONS  
 ARTERIAL ROAD

LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

**SD 008–A**





TYPICAL CROSS SECTION

### NOTES

1. FOR RESIDENTIAL STREETS CONDUITS TO BE 40mm CLASS 12 PVC LAID BELOW THE PAVEMENT BED AT A GRADE OF 1 IN 100 FALLING TOWARD THE LOW SIDE OF THE STREET
2. FOR INDUSTRIAL ESTATES CONDUITS TO BE 200mm I.D. CLASS 12 PVC FOR WATER AND 100mm FOR GAS, LAID BELOW THE PAVEMENT BED AT A GRADE OF 1 IN 100 FALLING TOWARD THE LOW SIDE OF THE STREET
3. CONDUITS MUST EXTEND A MINIMUM OF 750mm BEYOND BACK OF KERB
4. CONDUIT TRENCH TO BE BACKFILLED TO SUBGRADE LEVEL WITH 20mm CLASS 3 CRUSHED ROCK
5. UNDER EXISTING PAVEMENTS CONDUITS MUST BE INSTALLED BY BORING, UNLESS OTHERWISE APPROVED.



GREATER DANDENONG

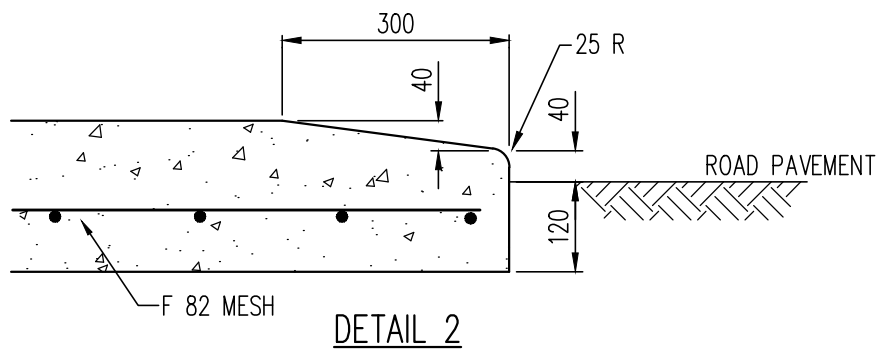
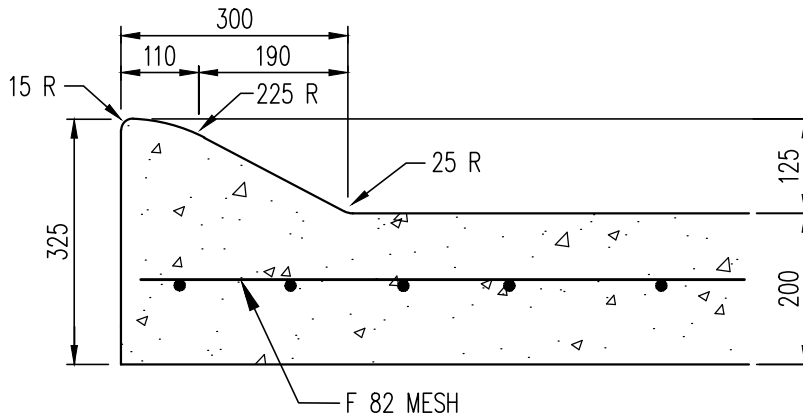
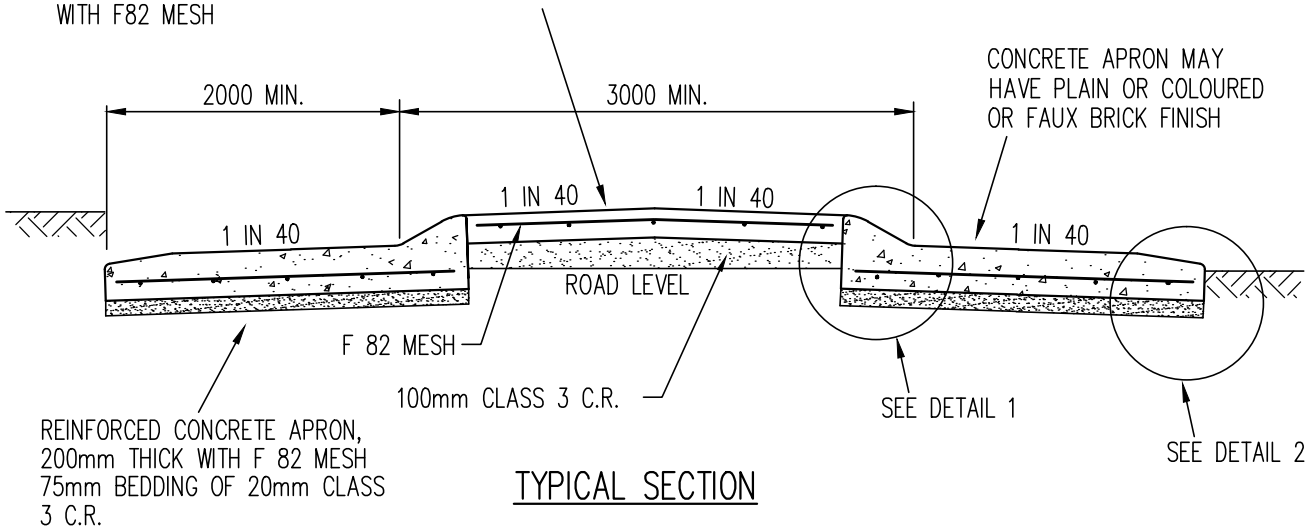
SERVICE CONDUIT LOCATION DETAILS  
FOR LOCAL ACCESS STREETS AND COLLECTOR ROADS

LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

SD 009-B

CENTRE SECTION MAY HAVE PLAIN OR COLOURED OR FAUX BRICK FINISH, 200mm THICK IF TRAFFICABLE OR 125mm THICK IF NON TRAFFICABLE, REINFORCED WITH F82 MESH



**NOTES:**

1. MINIMUM REINFORCING COVER 100mm.
2. CONCRETE STRENGTH OF F'C = 25MPa. IF COLOURED CONCRETE IS USED F'C SHALL BE 32MPa



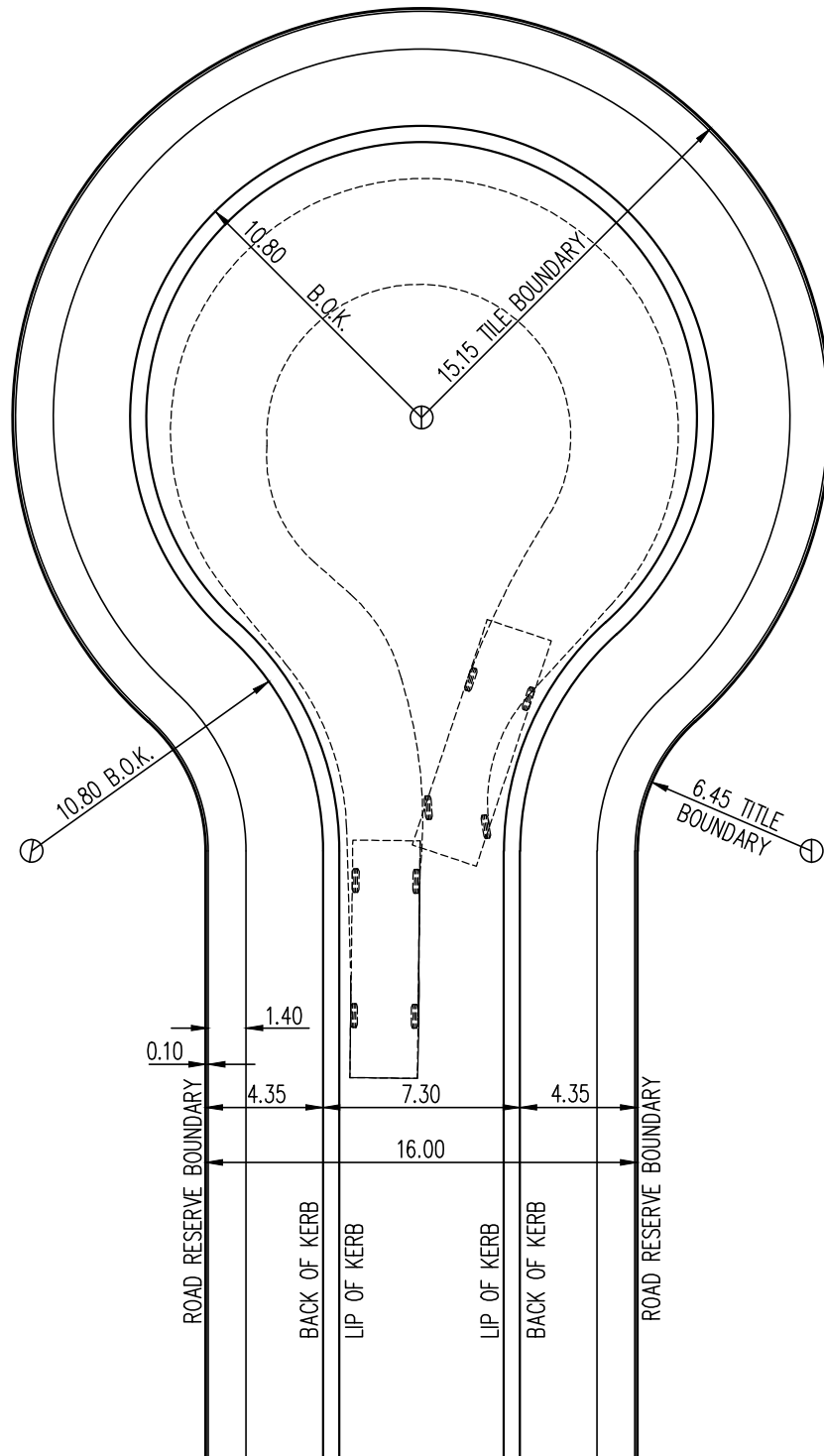
**GREATER DANDENONG**

**TYPICAL CROSS SECTION  
ROUNDBOUT CENTRAL ISLAND**

LAST UPDATED - APRIL 2015

INFRASTRUCTURE PLANNING

**SD 010-B**



PLAN  
NOT TO SCALE

**NOTES**

1. DESIGNED TO ACCOMMODATE AUSTRROADS SERVICE VEHICLE (8.8m) – REALISTIC MINIMUM RADIUS.
2. REINFORCED DRIVEWAY CROSSINGS REQUIRED IN COURT BOWL AREA. (REFER TO SD 301).
3. 1.4m WIDE FOOTPATH TO BE PROVIDED AROUND COURT BOWL. (REFER TO SD 308).



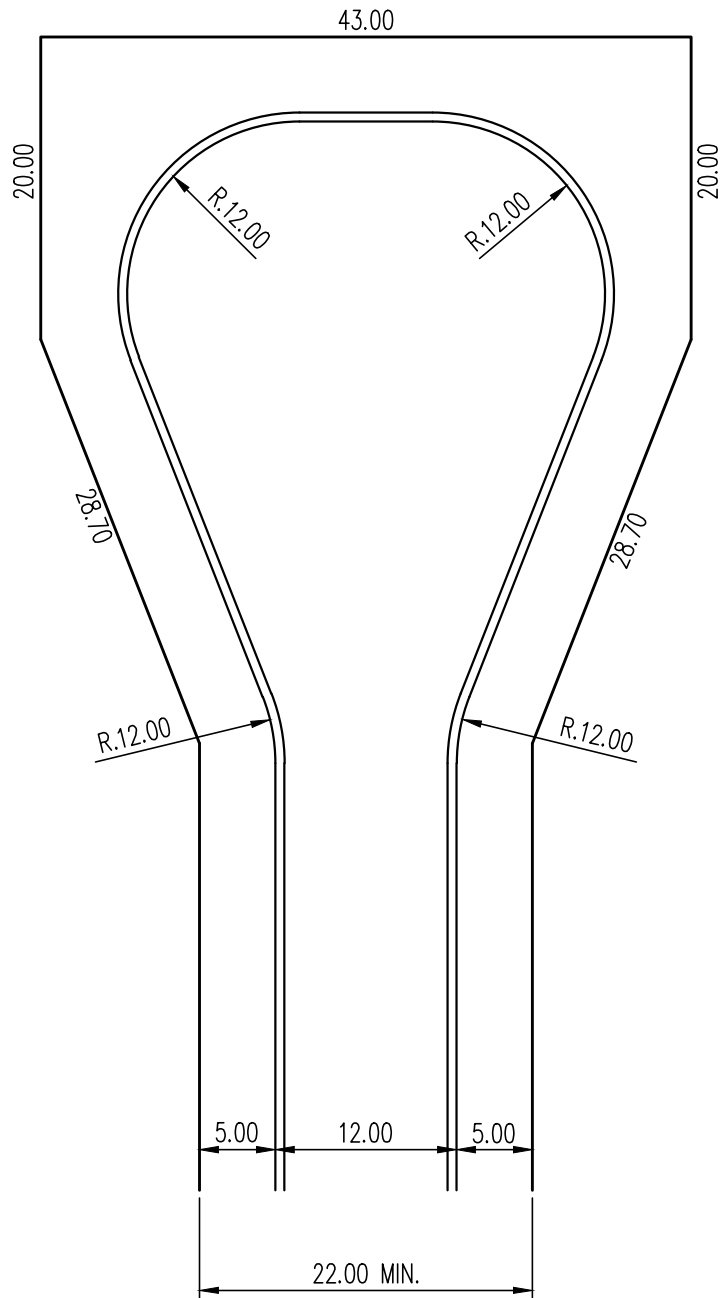
**GREATER DANDENONG**

**COURT BOWL DETAILS**  
RESIDENTIAL

LAST UPDATED – SEPTEMBER 2014

INFRASTRUCTURE PLANNING

**SD 011-B**



**NOTES**

1. REINFORCED DRIVEWAY CROSSINGS REQUIRED IN COURT BOWL AREA. (REFER TO SD 303 AND SD 304).



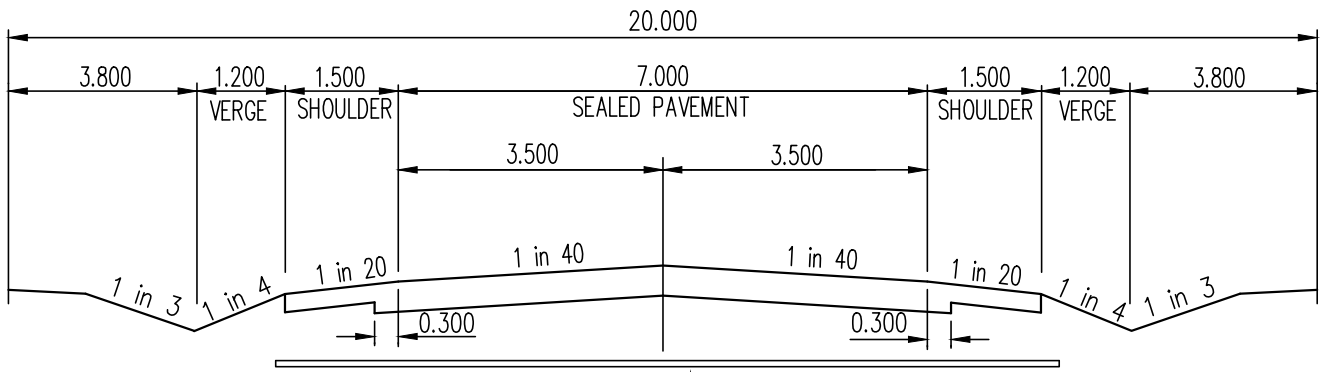
**GREATER DANDENONG**

**COURT BOWL DETAILS**  
INDUSTRIAL

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INFRASTRUCTURE PLANNING

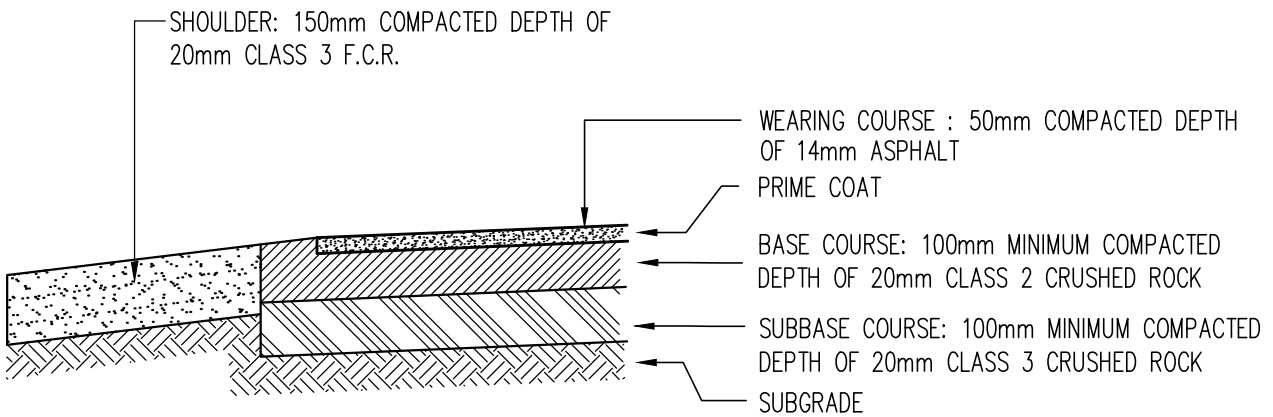
**SD 012-A**



50mm DIA PVC CLASS 12 SERVICE CONDUIT, 10.6m LONG WITH  
MIN 600mm COVER AND A FALL OF 75mm OVER FULL LENGTH

### TYPICAL CROSS SECTION

NOT TO SCALE



### MINIMUM RURAL ROAD PAVEMENT

NOT TO SCALE

### NOTES

- NOTWITHSTANDING COUNCIL'S MINIMUM PAVEMENT REQUIREMENTS THE PROPOSED PAVEMENT IS TO BE DESIGNED BY A SUITABLY QUALIFIED GEOTECHNICAL AND/OR PAVEMENTS ENGINEER IN ACCORDANCE WITH THE FOLLOWING TEXTS:
  - PAVEMENT DESIGN – A GUIDE FOR THE STRUCTURAL DESIGN OF ROAD PAVEMENTS, AUSTRROADS 1992
  - THE APRG REPORT NO. 21 – A GUIDE TO THE DESIGN OF NEW PAVEMENTS FOR LIGHT TRAFFIC
  - THE GUIDE TO STABILISATION IN ROADWORKS, AAPA, AUSTSTAB AND AUSTRROADS 1998
  - SEALED LOCAL ROADS MANUAL, ARRB 1995
- ALL SOIL TESTING DONE FOR THE PURPOSES OF PAVEMENT DESIGN SHALL BE PERFORMED BY NATA ACCREDITED LABORATORIES, WITH ACCREDITATION TO PERFORM ALL OF THE INDIVIDUAL TESTS THAT ARE REQUIRED. TESTING SHALL ALSO CONFORM TO THE FOLLOWING AUSTRALIAN STANDARDS:
  - AS1726 GEOTECHNICAL SITE INVESTIGATIONS
  - AS1289 TESTING OF SOILS FOR ENGINEERING PURPOSES
  - AS1141 TESTING OF AGGREGATES



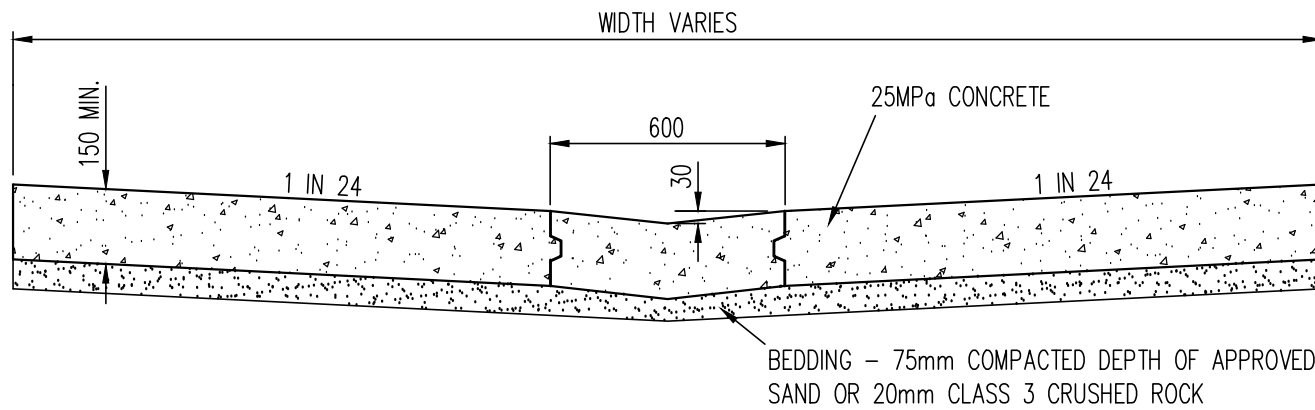
GREATER DANDENONG

RURAL ROADS  
TYPICAL GEOMETRIC CROSS SECTION

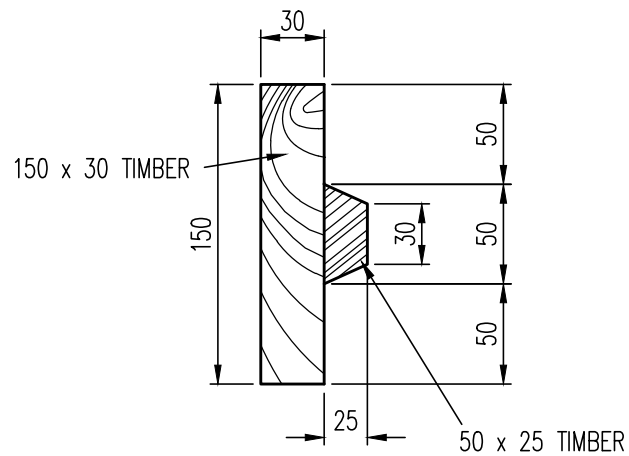
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INFRASTRUCTURE PLANNING

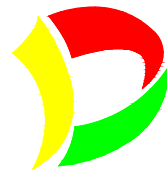
SD 014–A



TYPICAL CROSS SECTION  
NOT TO SCALE



KEY DETAIL  
NOT TO SCALE



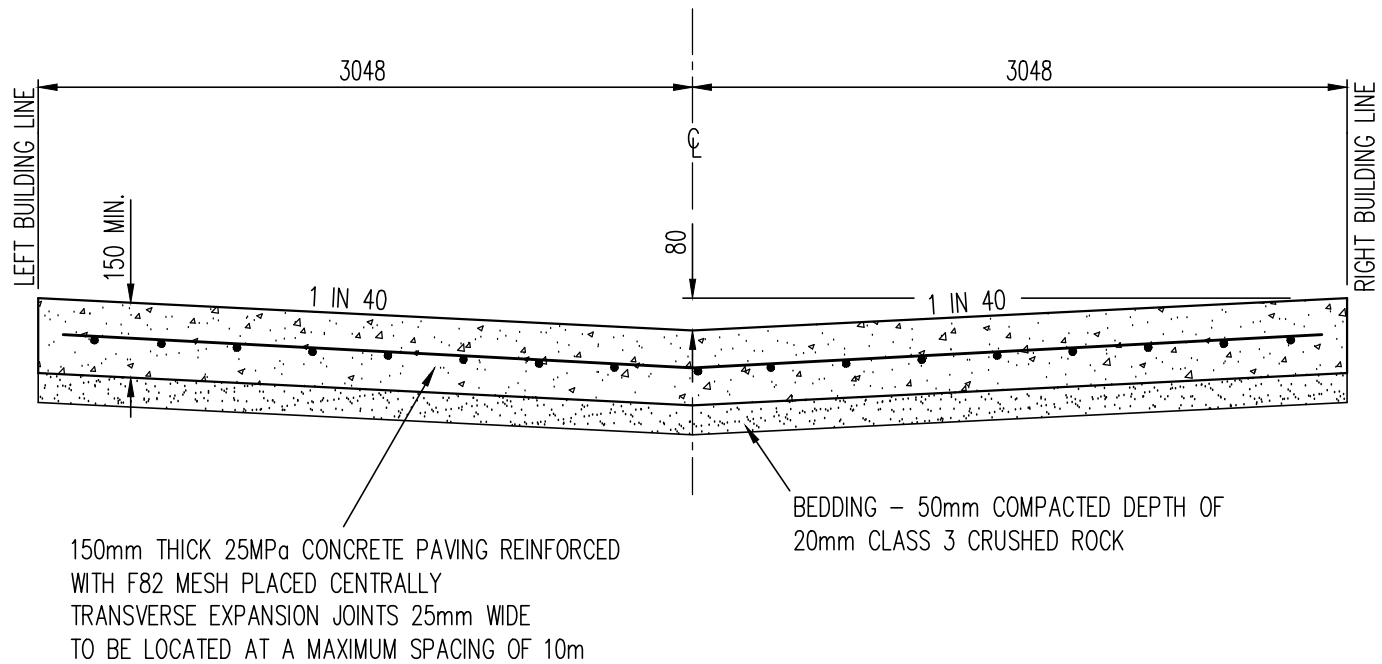
**GREATER DANDENONG**

RIGHT OF WAY -TYPE 1  
TYPICAL GEOMETRIC CROSS SECTION

LAST UPDATED - APRIL 2015

INFRASTRUCTURE PLANNING

SD 015-B



TYPICAL CROSS SECTION  
NOT TO SCALE



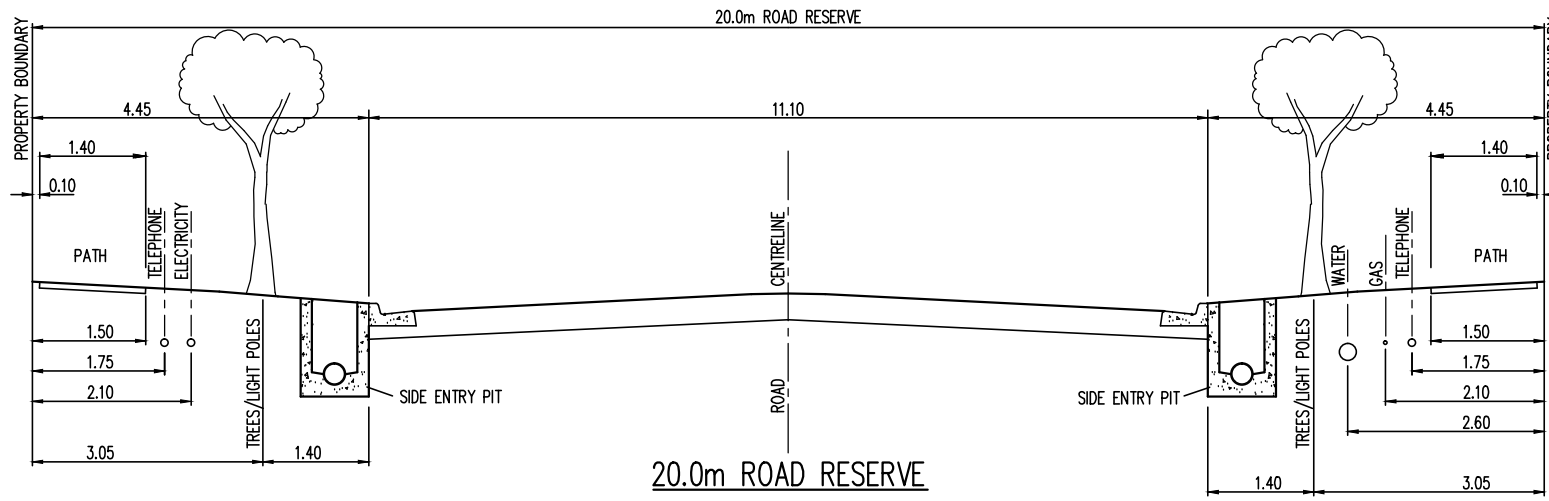
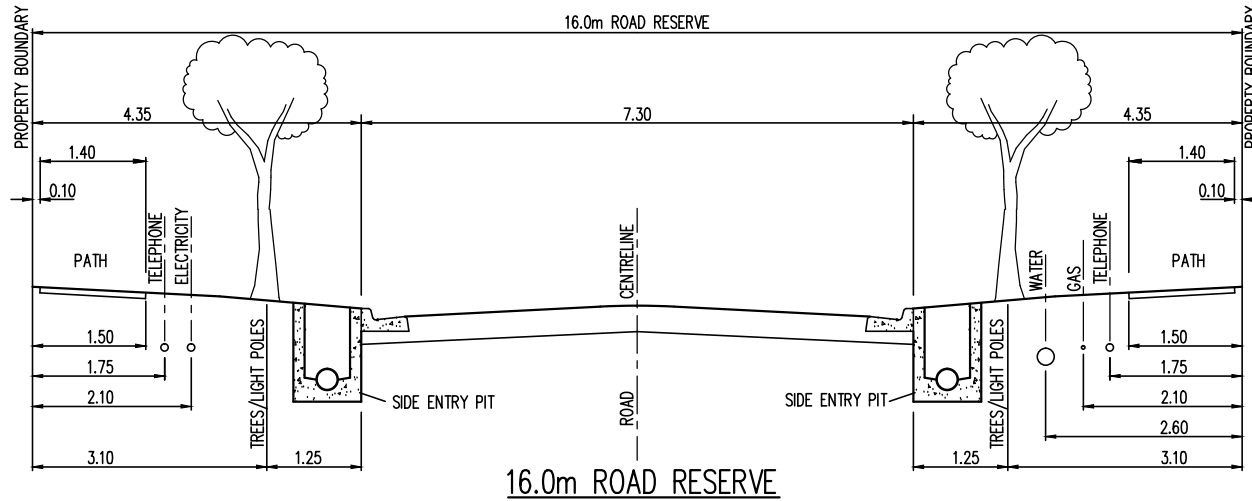
**GREATER DANDENONG**

RIGHT OF WAY -TYPE 2  
TYPICAL GEOMETRIC CROSS SECTION

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INFRASTRUCTURE PLANNING

SD 016-B



# GREATER DANDENONG

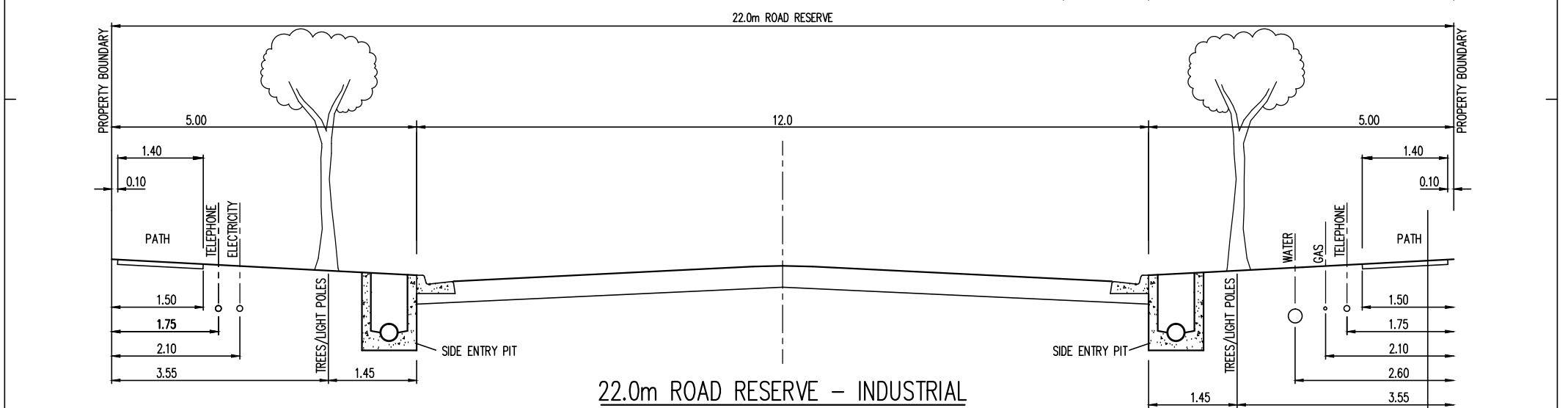
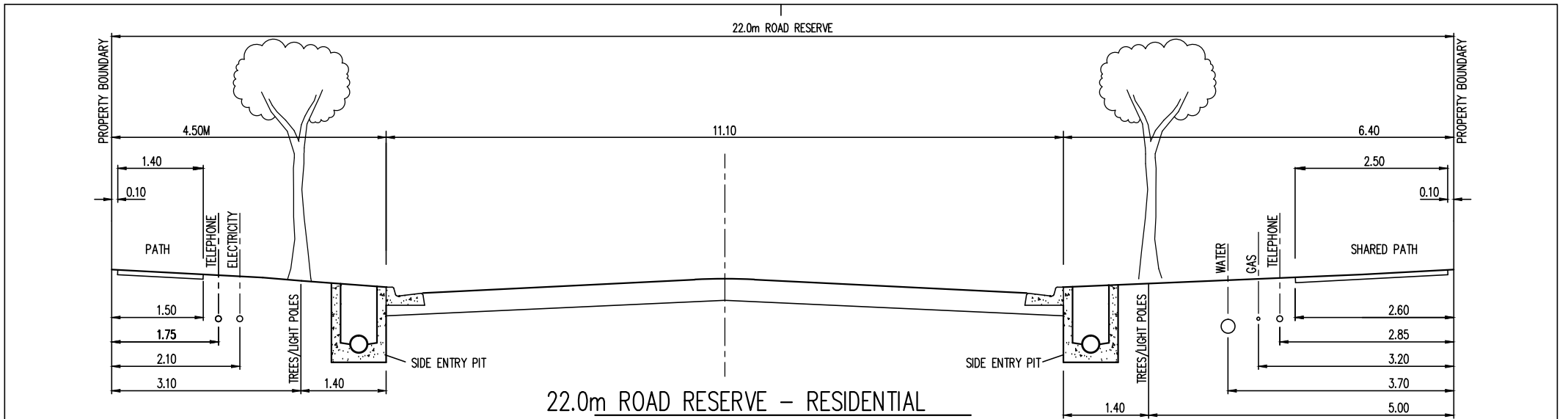
## SERVICE AUTHORITIES MAIN OFFSETS 16.0 & 20.0 METRE ROAD RESERVES

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INFRASTRUCTURE PLANNING

SD 017-C





	<h1>GREATER DANDENONG</h1>	LAST UPDATED - SEPTEMBER 2014
	<h2>SERVICE AUTHORITIES MAIN OFFSETS</h2>	
	<h3>22.0m ROAD RESERVE - RESIDENTIAL &amp; INDUSTRIAL</h3>	
		INFRASTRUCTURE PLANNING <h1>SD 018-D</h1>