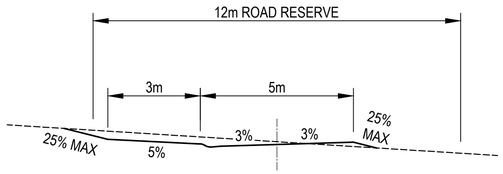
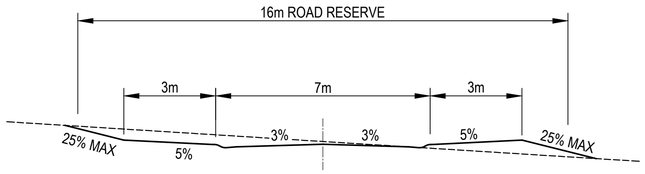
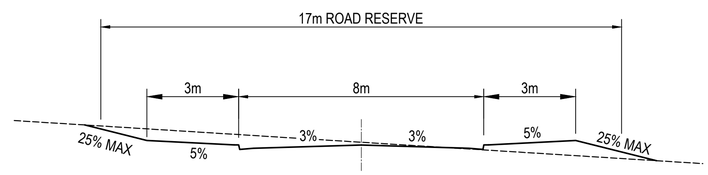


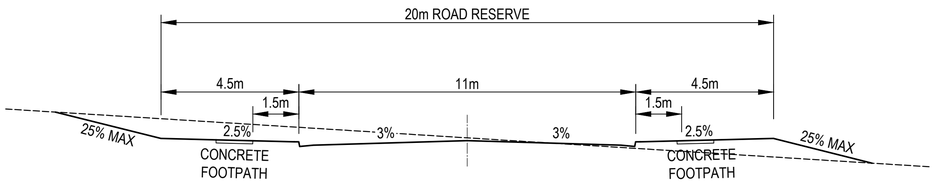
SHAREWAY



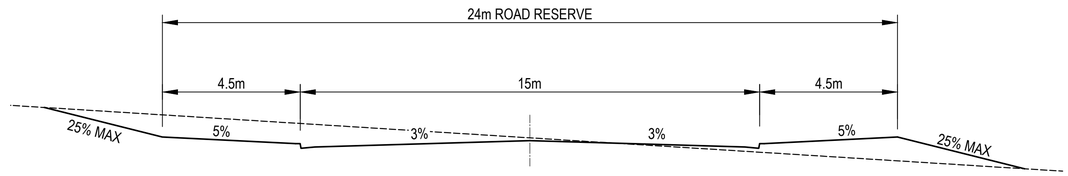
ACCESS STREET



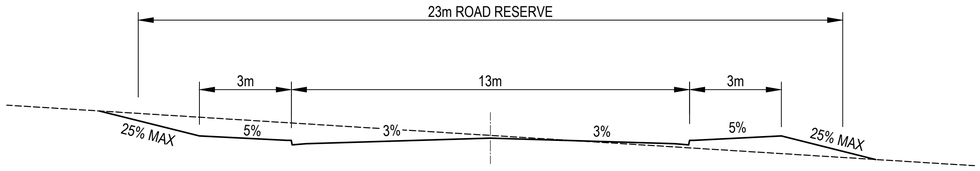
LOCAL STREET



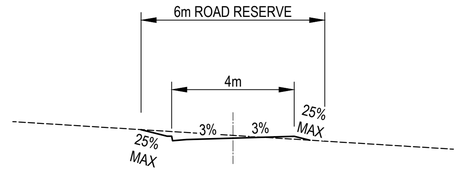
COLLECTOR STREET



DISTRIBUTOR ROAD



INDUSTRIAL ROAD



COMMERCIAL LANEWAY

ROAD DESCRIPTION	LOTS SERVED	VEHICLES PER DAY	CARRIAGEWAY WIDTH (m) KERB FACE TO KERB FACE	KERB AND GUTTER	DESIGN SPEED (km/hr) DESIRABLE	NOMINAL WEARING COURSE	MINIMUM PAVEMENT DESIGN TRAFFIC ESAs	FOOTPATH	CYCLEWAY
SHAREWAY	1 TO 3 (1 TO 6 IF A THROUGH STREET)	<60	5	OPTIONAL	15	CONCRETE / ASPHALT[1]	MINIMUM 200mm THICK WITH CBR > 5	NO	NO
ACCESS STREET	2 TO 30	<400	7	ROLL TOP (RT TYPE)	25	ASPHALT[1]	6×10^4	AS REQUIRED	NO
LOCAL STREET	30 TO 100	400 TO 2000	8	ROLL TOP (RT TYPE)	50	ASPHALT[1]	3×10^5	AS REQUIRED	NO
COLLECTOR STREET	100 TO 500	2000 TO 8000	11	BARRIER (SA TYPE)	60	ASPHALT[1]	1×10^6	YES	YES
DISTRIBUTOR ROAD	>500	8000 TO 15000	15	BARRIER (SA TYPE)	60	ASPHALT[1]	2×10^6	AS REQUIRED	YES
INDUSTRIAL ROAD	INDUSTRIAL LOTS	INDUSTRIAL TRAFFIC	13	BARRIER (SA TYPE)	80	ASPHALT[1]	5×10^6	AS REQUIRED	NO
COMMERCIAL LANEWAY	SECONDARY FRONTAGE OF COMMERCIAL LOTS	LOW	4	BARRIER (SA TYPE)	25	ASPHALT[1]	1×10^6	NO	NO

[1] WHERE ASPHALT WEARING SURFACE IS SPECIFIED, IT SHALL BE A MINIMUM OF 40mm THICK GENERALLY, AND 50mm THICK AT CUL-DE-SAC TURNING HEADS. REQUIRED THICKNESS TO CATER FOR TRUCK TURNING MOVEMENTS SHALL BE ADEQUATELY DESIGNED BY A PROFESSIONAL ENGINEER AT HIGHER-ORDER INTERSECTIONS AND ROUNDABOUTS.

NOTES

1. POSITION OF CARRIAGEWAY CROWN MAY BE DETERMINED BY SITE AND DESIGN REQUIREMENTS.
2. DESIGN CRITERIA ARE TYPICAL, INDIVIDUAL SITE ASSESSMENT SHOULD BE UNDERTAKEN.
3. REFER TO MCC AUS-SPEC, RMS GUIDELINES AND AUSTROADS GUIDE TO ROAD DESIGN FOR OTHER DESIGN CRITERIA.

100mm at A3 Or 200mm at A1 Size

Rev.	Date	Description	Drawn	Auth.
A	24/02/2021	ISSUED FOR CONSTRUCTION	VC	GC

AutoCAD File: SD048 Road Cross Sections.dwg

MIDCOAST council

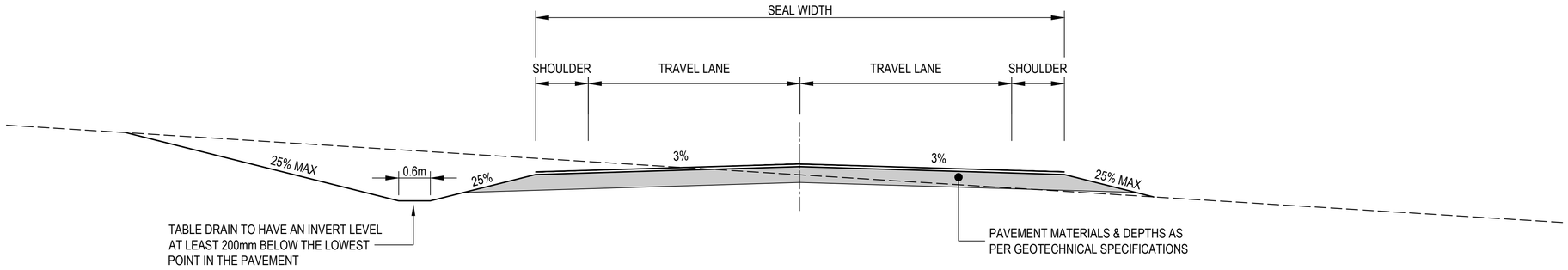
Drawn: VC
Checked: GC

Approved on Behalf of Midcoast Council

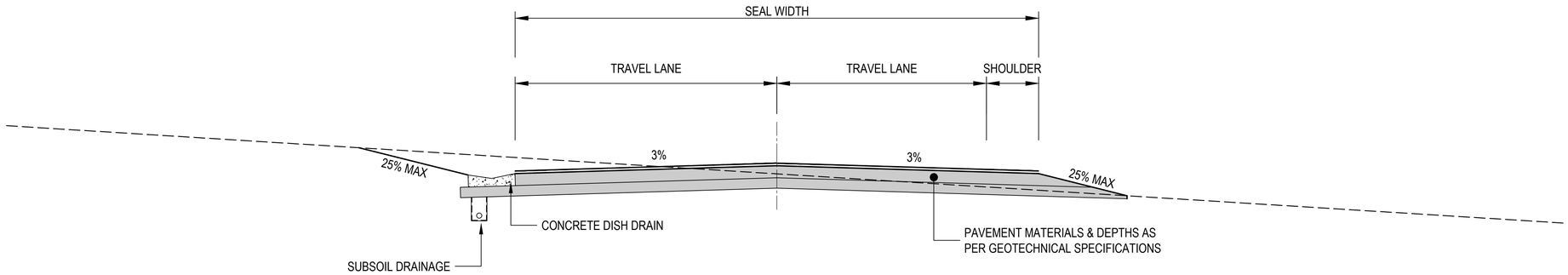
Plan Details: STANDARD DRAWING URBAN TYPICAL CROSS SECTIONS

Sheet No.: 1
No. of Sheets: 2

Revision: A
Standard Dwg No.: SD048



TYPICAL TWO WAY RURAL ROAD CROSS SECTION
(GRADES < 2%)



TYPICAL TWO WAY RURAL ROAD CROSS SECTION
(GRADES ≥ 2%)

ROAD DESCRIPTION	LOTS SERVED	VEHICLES PER DAY	PAVEMENT / SEAL WIDTH	NOMINAL WEARING COURSE	MINIMUM PAVEMENT DESIGN
RURAL ACCESS STREET	≤5	<50	5.5m (SUBJECT TO BUSHFIRE ASSESSMENT)	GRAVEL*	MINIMUM 200mm FOR SUBGRADE CBR ≥ 5
RURAL LOCAL STREET	5 TO 30	50 TO 200	7	GRAVEL*	MINIMUM 300mm FOR SUBGRADE CBR ≥ 5
RURAL COLLECTOR STREET	-	200 TO 500	9	BITUMEN SEAL	3×10^5
RURAL DISTRIBUTOR ROAD	-	>500	11	BITUMEN SEAL	1×10^6

* WHERE A NEW RURAL ROAD CONNECTS TO AN EXISTING BITUMEN ROAD, THE NEW ROAD IS TO BE SEALED ON ITS ENTIRE LENGTH. ADDITIONALLY, MIDCOAST COUNCIL MAINTAINS A LIST OF OTHER 'ROADS TO BE SEALED' AND IF THE DEVELOPMENT FRONTS OR CONNECTS TO SUCH A ROAD, THEN IT WILL BE REQUIRED TO BE SEALED. REFER TO 005 GEOMETRIC UNSEALED ROAD DESIGN WORKSECTION FOR DESIGN OF ROADS WHICH ARE PERMITTED TO REMAIN UNSEALED IN ACCORDANCE WITH THE ABOVE TABLE.

NOTES

1. REFER TO MCC AUS-SPEC, RMS GUIDELINES AND AUSTROADS GUIDE TO ROAD DESIGN FOR OTHER DESIGN CRITERIA.
2. DRAINAGE STRUCTURES TO BE DESIGNED IN ACCORDANCE WITH MCC AUS-SPEC, AUSTROADS GUIDES AND AUSTRALIAN RAINFALL AND RUNOFF. REFER TO MCC AUS-SPEC FOR ARI REQUIREMENTS FOR REQUIRED STRUCTURES.
3. MINIMUM CULVERT SIZE Ø375mm. CULVERT PIPE CLASS TO BE SELECTED BASED ON DESIGN LOADS. HEADWALLS SHALL BE PLACED AT BOTH INLET AND OUTLET AND OUTLET WITH APPROPRIATE SCOUR PROTECTION.
4. INTERSECTIONS ARE TO BE DESIGNED IN ACCORDANCE WITH AUSTROADS GUIDES INCLUDING SIGHT DISTANCE, SIGNAGE AND GUIDEPOSTS.
5. ROAD BATTERS ARE TO BE TYPICALLY 1:4 TO REDUCE SAFETY RISKS, EROSION AND FOR EASE OF MAINTENANCE. BATTERS GREATER THAN 1:4 ARE PERMITTED WHERE THERE ARE TERRAIN OR BOUNDARY CONSTRAINTS.
6. CURVE WIDENING AND RESTRICTED VISIBILITY WIDENING OVER CRESTS TO BE DETERMINED BY ROAD DESIGN.

Rev.	Date	Description	Drawn	Auth.
A	24/02/2021	ISSUED FOR CONSTRUCTION		

AutoCAD File: SD048 Road Cross Sections.dwg

MIDCOAST council

Drawn: VC
Checked: GC

Approved on Behalf of Midcoast Council

Plan Details: STANDARD DRAWING
RURAL TYPICAL CROSS SECTIONS

Sheet No.: 2
No. of Sheets: 2

Revision: A
Standard Dwg No.: SD048

100mm at A3 Or 200mm at A1 Size