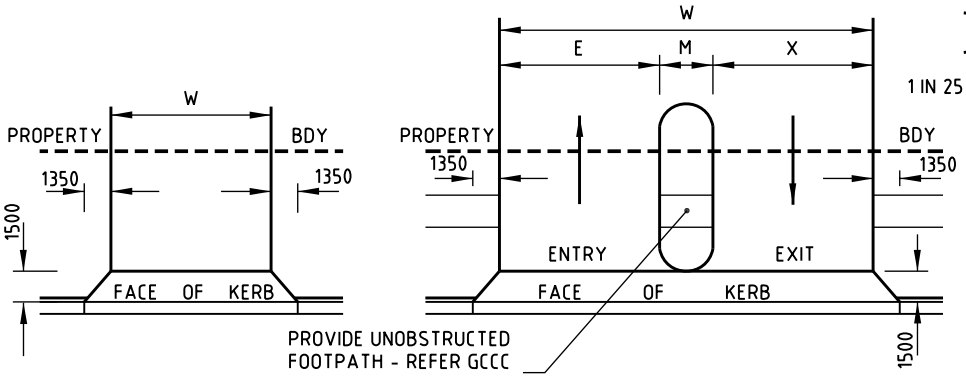
SELECTION OF DRIVEWAY TYPE - LIGHT VEHICLES ONLY						
TURNOVER RATE OF CAR PARK	TYPE OF FRONTAGE ROAD	NUMBER OF SPACES IN CAR PARK				
		1-25	26-100	101-300	301-600	>600
LOW/MEDIUM	MAJOR	1 or 2	2	3	4	5
LOW/MEDIUM	MINOR	1	1 or 2	2 or 3	3 or 4	4
HIGH	MAJOR	1 or 2	3	3 or 4	4	5
HIGH	MINOR	1	2	3	3 or 4	4

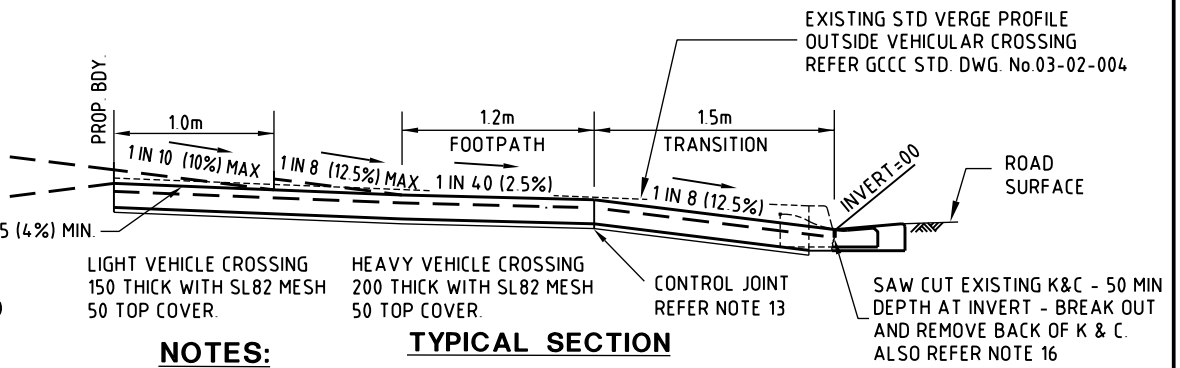


TYPES 1, 2, 6 & 7 **TYPES 3 & 4**

DRIVEWAY DIMENSIONS					
DRIVEWAY TYPE	VEHICLE CLASS	DRIVEWAY WIDTH (m) W	ENTRY WIDTH (m) E	EXIT WIDTH (m) X	SEPARATION WIDTH (m) M
1	LIGHT	3.0 - 6.0	NA	NA	NA
2	LIGHT	6.0 - 9.0	NA	NA	NA
3	LIGHT	11.0 - 15.0	6.0	4.0 - 6.0	1.0 - 3.0
4	LIGHT	13.0 - 19.0	6.0 - 8.0	6.0 - 8.0	1.0 - 3.0
5	MIXED	DIRECT FEED FROM A CONTROLLED INTERSECTION VIA A DEDICATED PUBLIC ROADWAY. REFER AS 2890 PART 2.			
6	HRV	8.0	NA	NA	NA
7	AV	10.0	NA	NA	NA

HRV - HEAVY RIGID VEHICLE AV - ARTICULATED VEHICLE

HEIGHT ABOVE INVERT OF CHANNEL (mm)	290	250	218	188	0.0
DISTANCE FROM INVERT OF CHANNEL (m)	4.5	3.5	2.7	1.5	0.0



TYPICAL SECTION

NOTES:

1. THIS DRAWING APPLIES TO INDUSTRIAL, COMMERCIAL AND MULTI UNIT RESIDENTIAL DOMAINS.
2. ENTRANCES AND EXITS FOR OFF STREET PARKING TO BE DESIGNED IN ACCORDANCE WITH AS 2890 AND AUSTROADS - GUIDE TO TRAFFIC ENGINEERING PRACTICE: PARKING, PART 11, CLAUSE 8.2.3.
3. DRIVEWAYS FOR HEAVY VEHICLES TO BE DESIGNED IN ACCORDANCE WITH AS 2890 OFF STREET PARKING, PART 2: COMMERCIAL VEHICLE FACILITIES.
4. ADEQUATE SIGHT DISTANCES TO BE PROVIDED IN ACCORDANCE WITH AS 2890 PART 1: OFF STREET CARPARKING FIGURES 3.2 & 3.3.
5. COUNCIL MAY APPROVE THE USE OF KERB RETURNS INSTEAD OF SPLAYS SUBJECT TO THE PROVISIONS OF AS 2890 PART 2, SECTION 3.3.
6. DRIVEWAYS TO BE CONSTRUCTED SQUARE TO THE STREET ALIGNMENT AND WHOLLY CONTAINED WITHIN THE SITE FRONTAGE.
7. FOR WATER SENSITIVE URBAN DESIGN VERGES, THE PROFILE OF THE VEHICULAR CROSSING IS TO FOLLOW THE EXISTING VERGE PROFILE.
8. CROSSINGS TO BE LOCATED CLEAR OF EXISTING GULLY PITS. WHERE THIS CANNOT BE ACHIEVED, THE GULLY PIT AND ANY CONNECTING PIPEWORK SHALL BE RELOCATED AT THE PROPERTY OWNER'S EXPENSE TO THE SATISFACTION OF COUNCIL.
9. PROOF ROLL SUBGRADE TO 200 BEYOND CONCRETE EDGE WITH 3 PASSES OF A CC10 ROLLER (OR EQUIVALENT). NO DEFLECTION ON LAST PASS.
10. LIGHT VEHICLE CROSSING CONCRETE TO BE MINIMUM GRADE N20. HEAVY VEHICLE CROSSING CONCRETE TO BE MINIMUM GRADE N32. CONTROL JOINT SPACING MAXIMUM 3m x 3m
11. PLAIN CONCRETE SURFACES TO BE TRANSVERSE HEAVY BROOM FINISHED.
12. DECORATIVE SURFACES, WHERE APPROVED, TO HAVE A 10mm MAX. DEPTH VARIATION IN IN THE FINISHED SURFACE PROFILE
13. CONTROL JOINTS ARE TO BE SEALED WITH A LOW MODULUS SELF PRIMING SEALANT TO THE MANUFACTURERS SPECIFICATION. REFER STD. DWG. No. 05-02-205.
14. ALL FINISHED SURFACES OF CROSSINGS TO COMPLY WITH THE REQUIREMENTS OF AS/NZS 3661.1 SLIP RESISTANCE OF PEDESTRIAN SURFACES.
15. CROSSINGS TO BE LOCATED CLEAR OF WATER AND SEWER MAIN FITTINGS AND MANHOLES. WHERE A CROSSING INCREASES OR DECREASES THE COVER OVER A MAIN THEN THE STANDARD COVER WILL BE REINSTATED. REFER LAND DEVELOPMENT GUIDELINES 4.2.10(B), 5.2.8(D) OR 5.2.12(C)(ii). MINIMUM COVER TO OTHER SERVICES IS TO BE IN ACCORDANCE WITH THE SERVICE AUTHORITIES' REQUIREMENTS.
16. A 15mm NIB IS TO BE PROVIDED WHERE THE LONGITUDINAL GRADE OF THE CHANNEL IS LESS THAN 1 IN 100.
17. ALL CONCRETE CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.
18. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

Gold Coast City Council

GOLD COAST CITY COUNCIL
PO BOX 5042
GOLD COAST MC 9729

THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE

CONTROLLED DOCUMENT

No.	AMENDMENT	APPROVED	DATE	ISSUED

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DRAWN BY
TECHNICAL SERVICES BRANCH

PASSED 18/03/04

APPROVED 19/03/04

STANDARD DRAWING

VEHICULAR CROSSING INDUSTRIAL, COMMERCIAL AND MULTI UNIT RESIDENTIAL

MICROFILMED

STANDARD DRAWING No.
05-02-301

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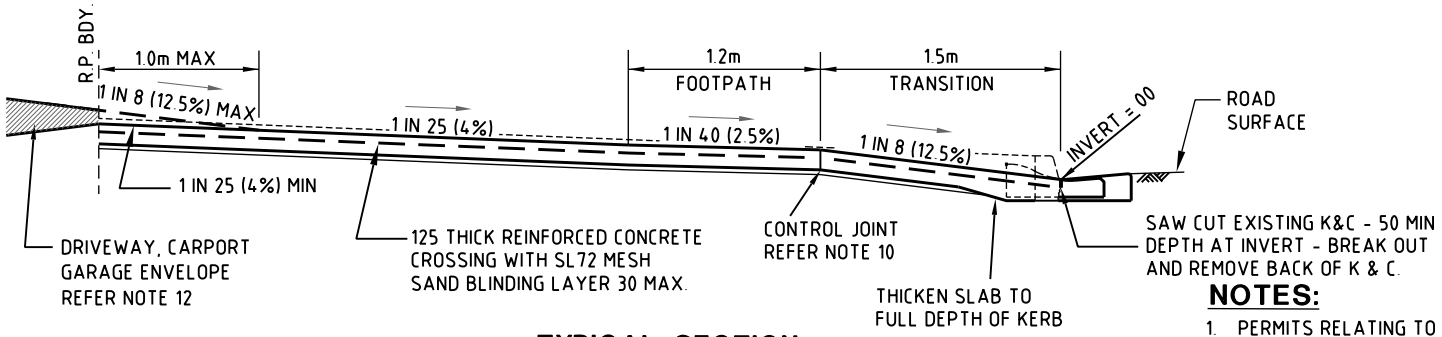
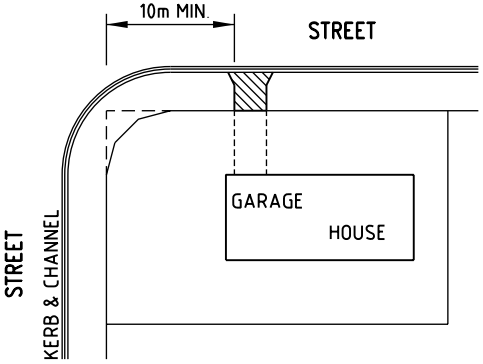
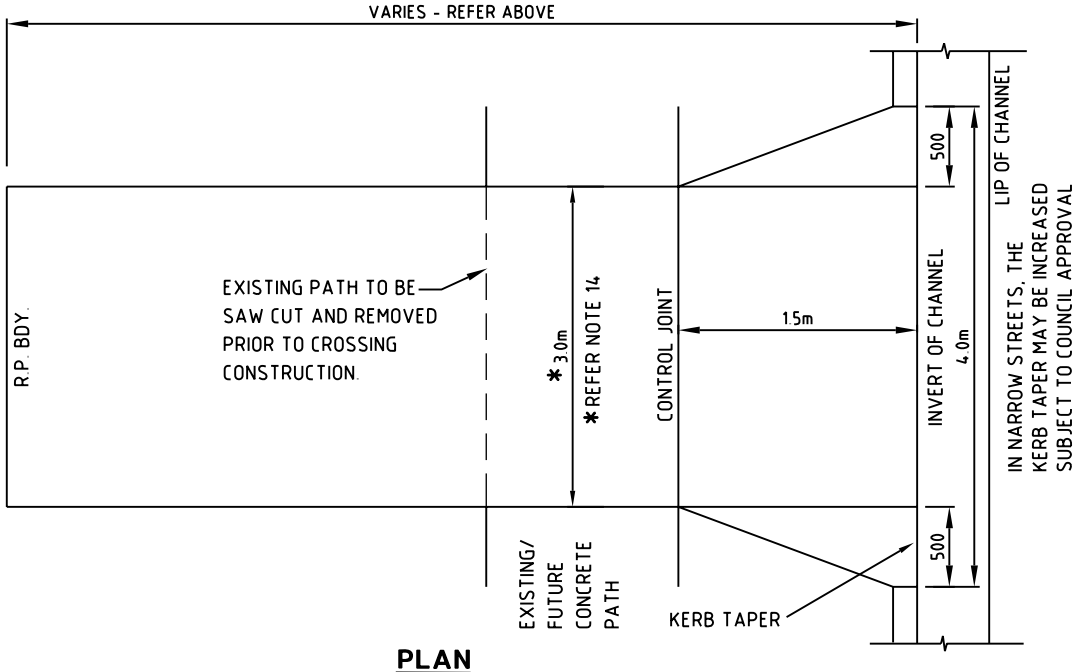
350	290	250	218	188	0.0	HEIGHT ABOVE INVERT OF CHANNEL (mm)
6.0	4.5	3.5	2.7	1.5	0.0	DISTANCE FROM INVERT OF CHANNEL (m)



TYPICAL SECTION



VEHICULAR CROSSING SETBACK



PLAN

NOTES:

1. PERMITS RELATING TO ROADS AND FOOTPATHS MUST BE OBTAINED FROM COUNCIL, SPECIFYING CROSSING TYPE, LOCATION, LEVELS, SURFACE FINISHES AND DIMENSIONS, PRIOR TO ANY EXCAVATION.
2. CROSSING TO BE CONSTRUCTED SQUARE TO THE STREET ALIGNMENT, WHOLLY CONTAINED WITHIN THE SITE FRONTAGE AND SEALED/SURFACED TO THE SATISFACTION OF COUNCIL FROM INVERT OF CHANNEL TO PROPERTY BOUNDARY.
3. CROSSING TO BE LOCATED CLEAR OF EXISTING GULLY PITS. WHERE THIS CANNOT BE ACHIEVED, THE GULLY PIT AND PIPEWORK SHALL BE RELOCATED AT THE PROPERTY OWNER'S EXPENSE.
4. CROSSING TO BE LOCATED CLEAR OF WATER AND SEWER MAIN FITTINGS AND MANHOLES.
5. TWO DRIVEWAYS (INCLUDING CIRCULAR DRIVEWAYS) MAY BE APPROVED PROVIDED:-
   (A) THE STREET FRONTAGE OF THE PROPERTY EXCEEDS 40m, (20m FOR A DUPLEX) AND
   (B) THE CLEAR SEPARATION BETWEEN THE TWO DRIVEWAYS EXCEEDS 12m (7m FOR A DUPLEX).
6. CONCRETE TO BE MINIMUM GRADE N25.
7. PLAIN CONCRETE SURFACES TO BE HEAVY BROOM FINISHED.
8. DECORATIVE SURFACES, WHERE APPROVED, TO HAVE A 5mm MAX DEPTH VARIATION IN THE FINISHED SURFACE PROFILE.
9. ALL FINISHED SURFACES OF DRIVEWAYS ARE TO COMPLY WITH THE REQUIREMENTS OF AS/NZS 3661.1 SLIP RESISTANCE OF PEDESTRIAN SURFACES
10. CONTROL JOINTS ARE TO BE SEALED WITH A LOW MODULUS SELF PRIMING SEALANT TO THE MANUFACTURERS SPECIFICATION. REFER STD. DWG. No. 05-02-205.
11. ALL CONCRETE CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.
12. DRIVEWAYS WITHIN PRIVATE PROPERTY TO BE CONSTRUCTED IN ACCORDANCE WITH QUEENSLAND DEVELOPMENT CODE PART 6.0 DRIVEWAYS.
13. FOR WATER SENSITIVE URBAN DESIGN VERGES, THE PROFILE OF THE VEHICULAR CROSSING IS TO FOLLOW THE EXISTING VERGE PROFILE.
14. WIDTH MAY BE VARIED SUBJECT TO COUNCIL APPROVAL
15. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

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TECHNICAL SERVICES BRANCH

PASSED 18/03/04

APPROVED 19/03/04

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STANDARD DRAWING

VEHICULAR CROSSING
LOW DENSITY RESIDENTIAL

MICROFILMED

STANDARD DRAWING No.
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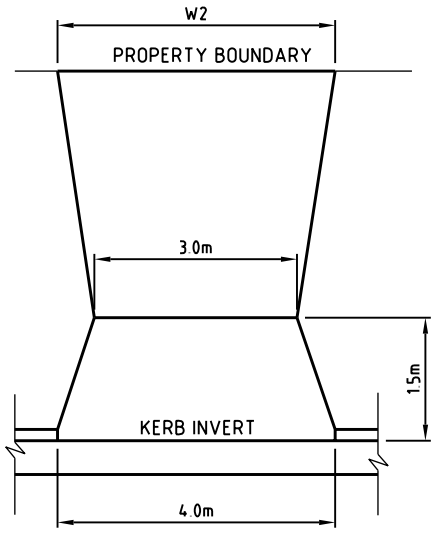

ALLOWABLE NUMBER AND WIDTH OF VEHICULAR CROSSINGS

	TYPE	DESCRIPTION	ALLOWABLE No. OF CROSSINGS (VXO)	MAXIMUM WIDTH AT KERB INVERT	MAXIMUM WIDTH AT BOUNDARY LINE (W2)	CONDITIONS APPLICABLE
SINGLE HOUSE	1	SINGLE GARAGE	1	4.0m	3.0m	NIL
	2	DOUBLE GARAGE OR MORE	1	4.0m	4.8m	NIL
	3	DOUBLE GARAGE OR MORE	2	4.0m	4.8m	1. MIN 40.0m FRONTAGE; 2. MIN 12.0m BETWEEN TWO CROSSINGS; 3. ACCEPTABLE LANDSCAPING.
	4	DOUBLE GARAGE OR CARPORT WITHIN THE FRONT 6.0 METRES	1	4.0m	5.8m	1. SUBJECT TO CARPORT APPROVAL; 2. ACCEPTABLE LANDSCAPING.
DUPLEX	5	DUPLEX WITH FRONTAGE LESS THAN 20.0m	1	4.0m	6.0m	1. VISIBLE LANDSCAPING WITHIN 2.0m SETBACK; 2. AT LEAST 40% LANDSCAPING WITHIN FRONT 6.0m SETBACK.
	6	DUPLEX WITH FRONTAGE GREATER THAN 20.0m	2	4.0m	4.0m	1. MIN 9.0m BETWEEN CROSSINGS; 2. SITE ANALYSIS; 3. VISIBLE LANDSCAPING WITHIN 2.0m SETBACK; 4. AT LEAST 40% LANDSCAPING WITHIN FRONT 6.0m SETBACK.

THIS PLAN IS TO BE READ IN CONJUNCTION WITH GCCC STD DWG 05-02-302

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STANDARD DRAWING

VEHICULAR CROSSING LOW DENSITY RESIDENTIAL REQUIREMENTS

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