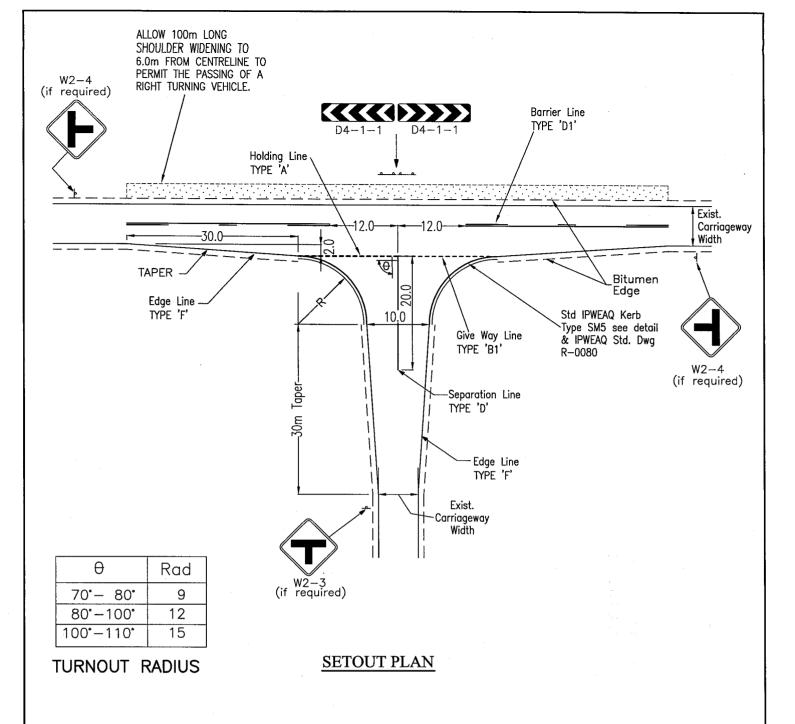


NOTES

- Kerb ramps shall be provided at approved sites at intersection corners and established mid block sites.
- The number and exact positions shall be determined with regard to the location of existing or proposed traffic signal posts, drainage structures and pedestrian desire lines. Ramp is to be located 1.0m minimum clear of obstructions.
- The location of kerb ramps should be carefully planned to ensure that users are not put at risk from traffic of any kind, bearing in mind that a person with a disablity may have a reaction time greater than that of a person having full mobility.
- Kerb ramps should be installed in the kerb in a manner which will direct the user (particularly people with a vision disability) across the adjacent roadway by the most direct route.
- 5. The sides of the kerb ramp shall be graded plane surfaces.
- 6. The maximum gradient of a ramp exceeding 1520mm in length shall be 1:14.
- Wherever possible discharge point from kerb ramps should be located so as to integrate use by both people with a disability and able bodied persons.
- The ramp and sloping sides should be slip resistant.
- 9. Concrete to be N32.
- 10. Refer STD dwg 01-75 for approved kerb ramp location and configurations.
- 11. KERB RAMP WINGS The required kerb ramp wing angle is 45°. Subject to the approval of the superintendent, wings may be angled at less than 45° if pedestrians do not walk over the side of the ramp and the wing is required to be clear of traffic signals hardware, other kerb ramp wings or utility pits/manholes. Kerb Ramp wing angle may also be reduced at obtuse angled intersections. Wings shall have a width between 600mm and 1200mm. A max slope of 1 in 4 (25%) is to be maintained on the wings at the kerb face (ie 600mm wide wing for a 150mm kerb).

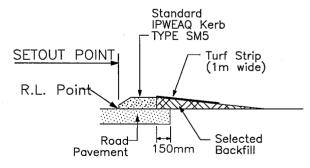
* TACTILE INDICATORS SHALL BE INSTALLED AS PER AS 1428.4 -2002 AS ADVISED *

SCALE: N.T.S CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES. KERB RAMP 01 - 15H ORIGINAL SHEET SIZE A4 Field Book REVISIONS DRAWN DATE Ske Level Book H NOTES AMENDED 08/07 **CABOOLTURE** J.N. 807 Job File No. PERSPECTIVE VIEW ADDED J.N. 03/05 SHIRE 24.8.07 Survey File MISC. CHANGES 04/04 Design Office COUNCIL ORIGINAL ISSUE Engineer Manager(s) Road No.



NOTES

- SIZE AND POSITION OF WARNING SIGNS TO BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 2. ALLOW DRAINAGE THROUGH MEDIAN KERB AT LOW POINTS IF REQUIRED



DETAIL

SCALE N.T.S.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.







INTERSECTION TREATMENT FOR RURAL ROAD

04/04 08/03	Linemarking Changes VARIOUS CHANGES	B A
DATE	REVISION	NO.

STANDARD DRAWING NO. $01-18\ B$

29/04/2004 02:01:59

50mm Asphalt Surfacing, BCC TYPE 2 (Premix is permitted as a substitute where hot asphalt is not available) over the application of Emulsion Seal All broken edges are to be or Bitumen Tack Coat. saw cut square and straight before resurfacing **VARIES** 300 300 50 Lean mix concrete backfill Provide straight vertical cuts to trench walls. Approved suitable bedding material

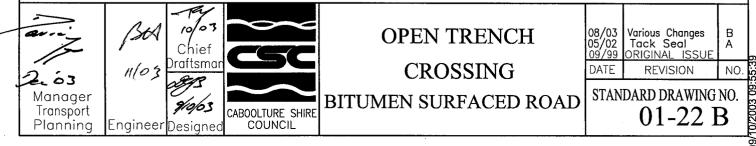
NOTE:

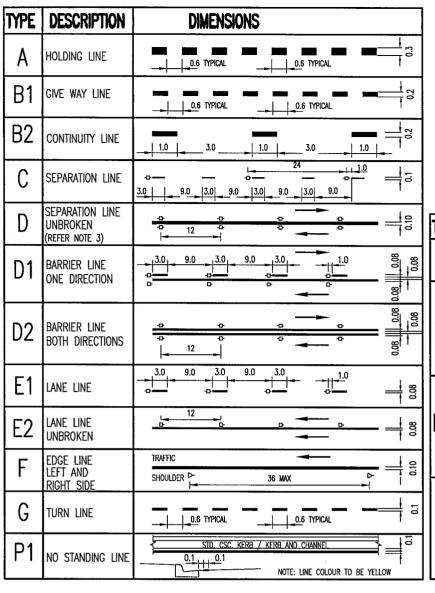
Restoration is to be from tabledrain to tabledrain for rural roads.

Sawcut trench prior to excavation.

SCALE N.T.S.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.





RRPM_LEGEND

- D UNIDIRECTIONAL WHITE

 → UNIDIRECTIONAL RED

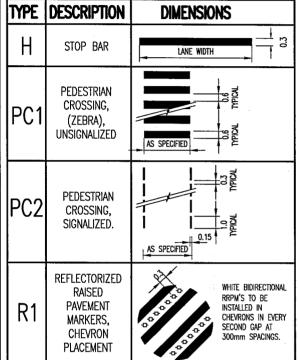
 → BIDIRECTIONAL WHITE

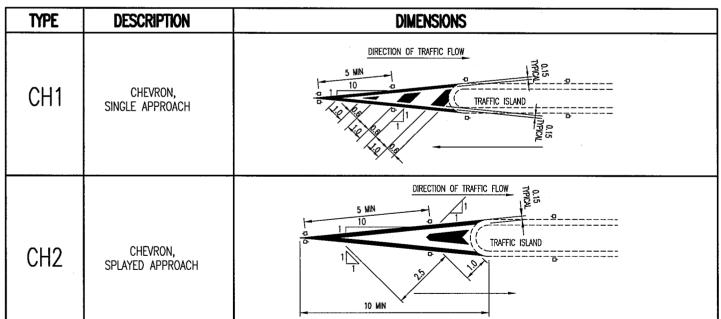
 → BIDIRECTIONAL BLUE * BLUE RETRO-REFLECTIVE PAVEMENT MARKERS ARE TO
- BE PLACED 100mm HYDRANT SIDE OF THE ROAD CENTRELINE MARKING, FOR ALL HYDRANT LOCATIONS.

NOTES:

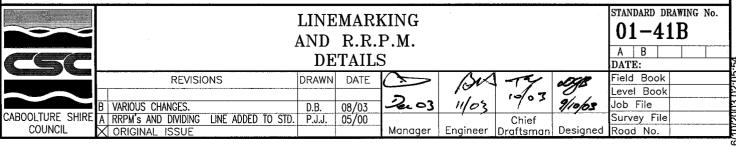
- 1. ALL DIMENSIONS ARE IN METRES
- 2. REFER TO MAIN ROADS 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' FOR APPLICATION OF LINETYPES.
- 3. LINE THICKNESS FOR SEPARATION LINES TO BE 0.15m FOR MULTILANE ROADS.

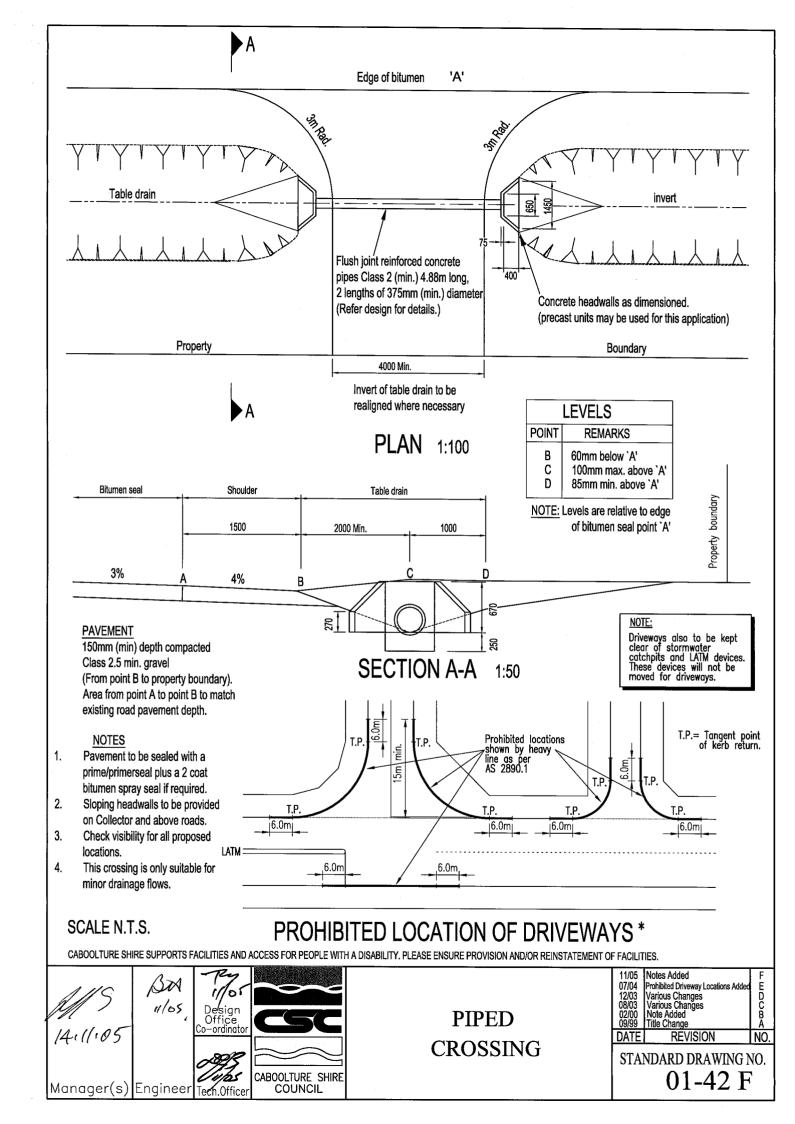
SCALE: N.T.S.

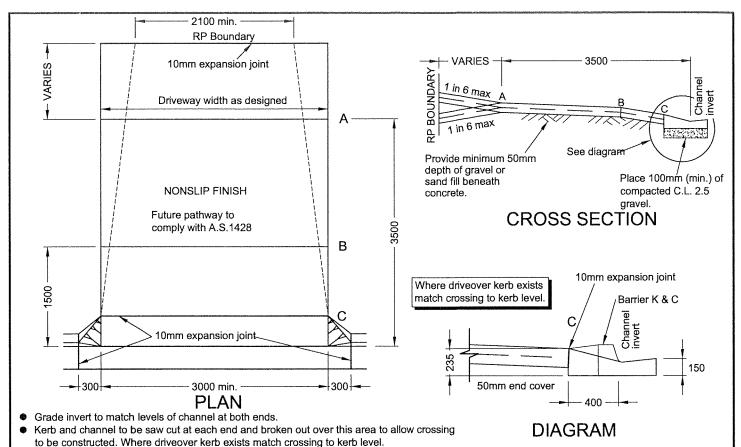




CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.

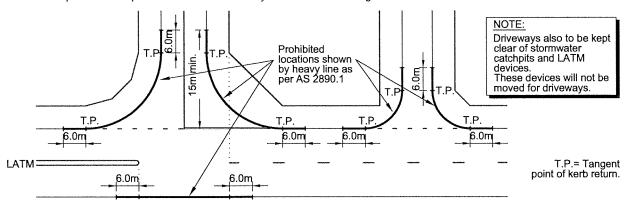






Provide 1 in 10 batter from driveway to natural surface level.

Wheel tracks will be accepted between point A and the RP boundary for residential crossings.



*PROHIBITED LOCATION OF DRIVEWAYS

METHOD OF CONSTRUCTION

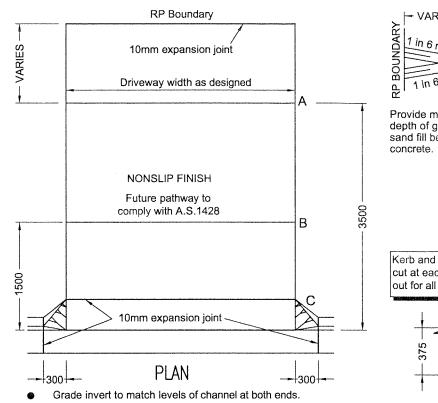
- Driveway is to be constructed in two sections with an expansion joint along Line C. Joint to be 10mm wide and filled with mastic.
- Measure back 400mm from existing channel invert to establish Line C. Excavate and place form boards so that board at LINE C is 110mm above the invert of the kerb and channel.
- Measure back 1.5m from existing channel invert to establish Line B. Excavate and place form boards so that board at LINE B is 40mm above the existing top of kerb.
- Measure back 3.5m from existing channel invert to establish Line A. Excavate and place form boards so that board at LINE A is 90mm above the existing top of kerb.
- 5. Place required mesh with 40mm top cover.
- 6. Concrete to be 125 thick and have SL72 mesh as a minimum.

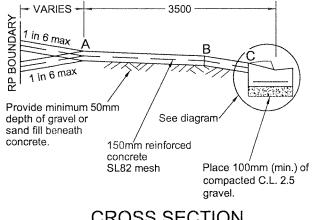
- 7. Remove existing kerb and channel for width of driveway plus 300mm each side. Provide a 10mm expansion joint at each join.
- Council Officer is to inspect boxing and reinforcement before concrete is placed, however, Engineers Certification may be required in lieu of this inspection. Telephone 07 54200100 to arrange this inspection. 48hrs notice is required.
- 9. Concrete strength to be N32 minimum

Width of invert - 3.6 min. - 6.0 max.

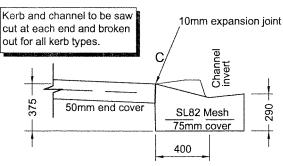
 Crossfall of existing road pavement adjacent to driveway is to be checked. If crossfall exceeds 3%, driveway may have to be redesigned to ensure satisfactory clearance for vehicles.

SCALE: N.T.S CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PERSONS WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES DRAWING No. REV RESIDENTIAL AND MULTI-RESIDENTIAL CROSSINGS 01 - 43F FOR FOOTPATHS LESS THAN 5.0m IN WIDTH ORIGINAL SHEET SIZE A4JRC. Field Book REVISIONS DRAWN DATE Level Book 08/07 CONSTRUCTION DETAIL CHANGES J.N. 807 Job File No. PROHIBITED LOCATIONS ADDED 08/03 SHIRE 2**4**:8:07 Survey File DIMENSIONS CHANGED 07/00 Design Office COUNCIL Road No. Manager(s) **ORIGINAL ISSUE** Office Engineer



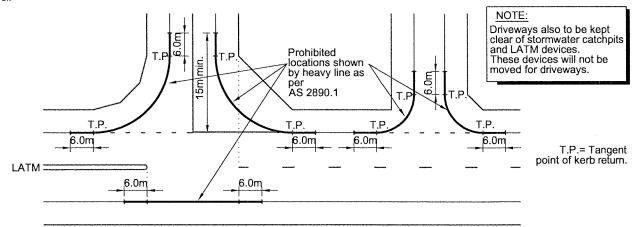


CROSS SECTION



DIAGRAM

- Kerb and channel to be saw cut at each end and broken out over this area to allow crossing to be constructed.
- Provide 1 in 10 batter from driveway to natural surface



*PROHIBITED LOCATION OF DRIVEWAYS

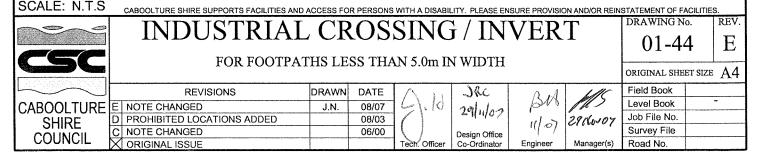
METHOD OF CONSTRUCTION

- Driveway is to be constructed in two sections with an expansion joint along Line C. Joint to be 10mm wide and filled with mastic.
- Measure back 400mm from existing channel invert to establish Line C. Excavate and place form boards so that board at LINE C is 110mm above the invert of the kerb and channel.
- Measure back 1.5m from existing channel invert to establish Line B. Excavate and place form boards so that board at LINE B is 40mm above the existing top of kerb.
- Measure back 3.5m from existing channel invert to establish Line A. Excavate and place form boards so that board at LINE A is 90mm above the existing top of kerb.
- Remove existing kerb and channel for width of driveway plus 300mm each side. Provide a 10mm expansion joint at each join.
- Council Officer is to inspect boxing and reinforcement before concrete is placed however Engineers Certification may be required in lieu of this inspection. Telephone 07 54200100 to arrange this inspection. 48hrs. notice is required.
- The concrete is to conform with the following requirements :

 Thickness 150mm
 Strength N32 minimum

Reinforcing - SL82 mesh placed with 40mm topcover

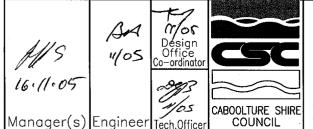
Crossfall of existing road pavement adjacent to driveway is to be checked. If crossfall exceeds 3%, driveway may have to be redesigned to ensure satisfactory clearance for vehicles.



14.0 minimum 6.0 or 8.0 (Refer to note 3) 3.0 or 4.0 - 3.0 or 4.0 NOTES: 윤 3% 3% Provide 75mm topsoil and turf to all footpaths and batters up to 1 in 4 slope. Primer Seal plus AC Surfacing 25mm thickness In areas greater than 1 in 4 slope, grouted stone pitching is required See Std.Dwg.01-74 for all footpath unless otherwise approved by the construction Manager of Engineering Planning. RESIDENTIAL ACCESS 2. Extend Sub base class 2.3 min. 18.0 or 20.0 -(Refer to note 3) 150mm behind kerb. 5.0 -8.0 or 10.0 -125mm min. depth under kerb and 4.0 or 5.0 --channel. — 4.0 or 5.0 윤 Refer to Caboolture Shire Council. Design and Development Manual for 3% details on appropriate lane widths. Primer Seal pluś Pavement depths to be determined AC Surfacing 40mm thickness 1.5m Concrete pathway by approved pavement design based (one side only) on subgrade soil tests. MINOR COLLECTOR See Std.Dwg.01-74 for all footpath construction (min. 200mm). 윤 Travel Travel 3% Primer Seal plus 2.5m Concrete pathway AC Surfacing 40mm thickness (Both sides) Kerb invert for set out See Std.Dwg.01-74 for all footpath construction RESIDENTIAL COLLECTOR (with access) BOUNDARY 22.0 min. 2.5m Concrete pathway 8.0 min. (WHEN TABLE DRAINS REQUIRED) - 10.0 -(Both sides) (NO TABLE DRAIN) See Std.Dwg.01-74 for all footpath construction Refer Std.Dwg.01-63 Travel Travel for allowable grades on all batters. Primer Seal plus Refer Std.Dwg.01-63 SCALE N.T.S. AC Surfacing 40mm thickness for allowable grades on all batters.

RESIDENTIAL COLLECTOR (without access)

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.



CROSS SECTIONS RESIDENTIAL ACCESS MINOR COLLECTOR RESIDENTIAL COLLECTOR

1/05 08/03 06/99 9/99	Detail Added Various Changes Footpath grade revised ORIGINAL ISSUE	СВА			
DATE	REVISION	NO.			
CELLED AND DRAWFIGLIO					

IPWEAQ

Sùb-soil drainage

under all kerb

Mountable

kerb type M3

윤

IPWEAQ

Sub-soil drainage

2.5m

Concrete

pathway

Sub-soil drainage

under all kerb

6.0 min.

under all kerb

Mountable

kerb type M3

윤

IPWEAQ

Mountable

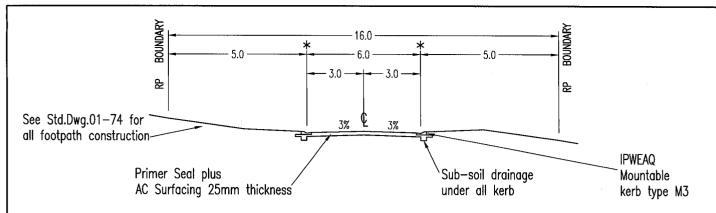
2.5m

Concrete

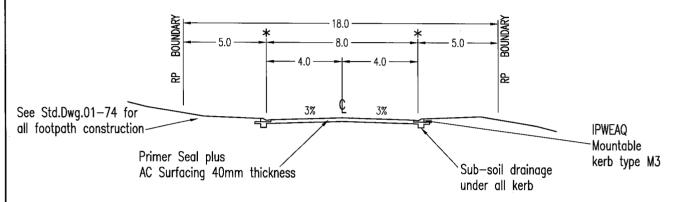
pathway

kerb type M3

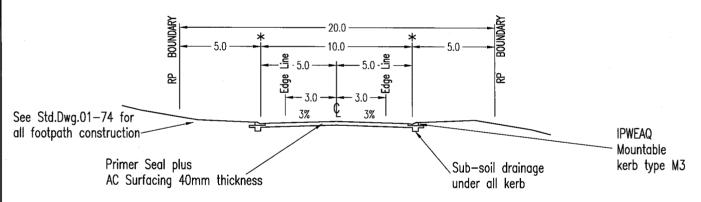
STANDARD DRAWING NO. 01-45 C



RURAL RESIDENTIAL ACCESS



RURAL RESIDENTIAL MINOR COLLECTOR



RURAL RESIDENTIAL COLLECTOR

NOTES:

Provide 75mm topsoil and turf to all footpaths

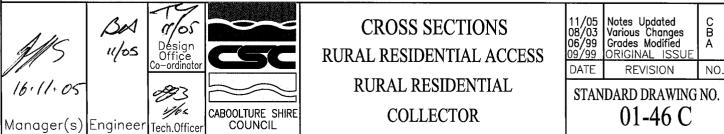
Extend Sub base class 2.3 min. 150mm behind kerb. 125mm min. depth under kerb and channel.

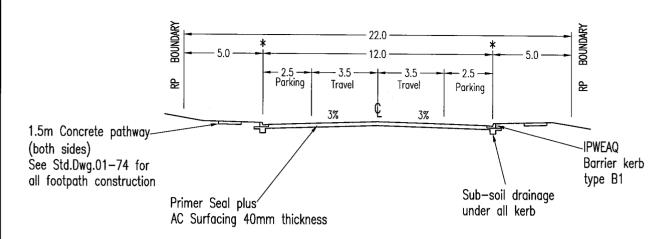
Pavement depths to be determined by approved pavement design based on subgrade soil tests. (min. 200mm)

* Kerb invert for set out

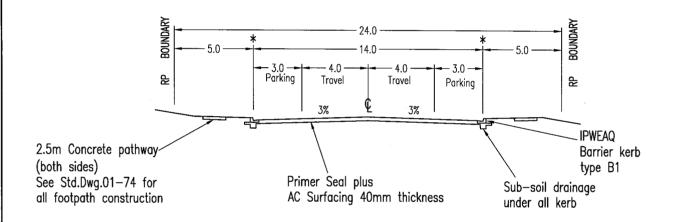
SCALE N.T.S.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.





INDUSTRIAL ACCESS



INDUSTRIAL COLLECTOR

NOTES:

Provide 75mm topsoil and turf to all footpaths

Extend Sub base class 2.3 min. 150mm behind kerb. 125mm min. depth under kerb and channel.

Pavement depths to be determined by approved pavement design based on subgrade soil tests.

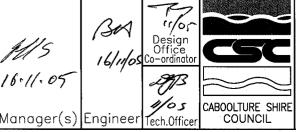
(200mm min. for Industrial Access & 250mm min. for Industrial Collector).

* Kerb invert for set out

SCALE N.T.S.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.

11/05 Footpath Details
08/03 Various Changes

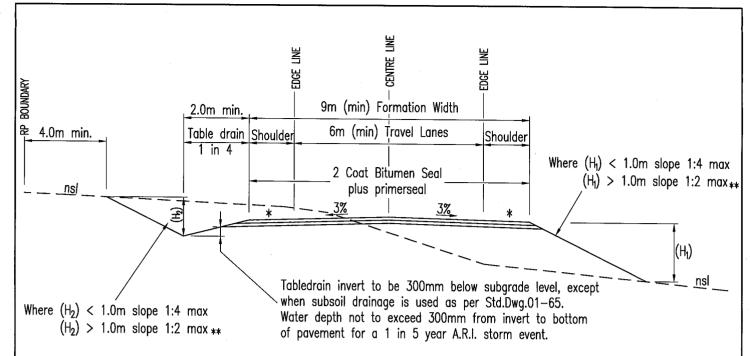


CROSS SECTIONS

INDUSTRIAL ACCESS
INDUSTRIAL COLLECTOR

_	IV CI CIVILIA	or moleries.	
	11/05 08/03 05/99 09/99	Footpath Details Various Changes Grades Modified ORIGINAL ISSUE	СВА
	DATE	REVISION	NC

STANDARD DRAWING NO. 01-48 C



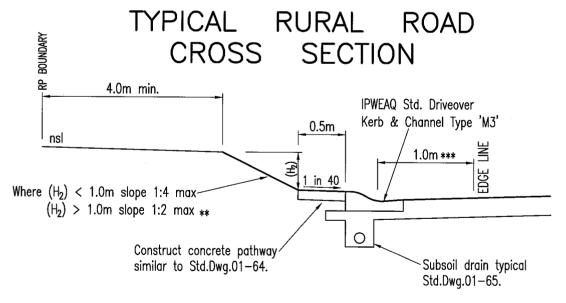
- * A shoulder is to be constructed to full width using base and sub base materials and thickness identical to pavement design. Alternatively subsoil drainage is to be provided as per Std.Dwa.01-65.
- ** Provide 75mm topsoil and turf or hydromulch to all footpaths and batters up to 1 in 4 slope. In areas greater than 1 in 4 slope, grouted stone pitching is required unless otherwise approved by the Manager of Engineering Planning.
- *** Unless otherwise advised.

NOTES: A safety barrier is to be provided as dictated by A.S. 3845 in particular clause 1.6, also refer Main Roads, Road Design Manual Part 8.

Pavement depths to be determined by approved pavement design based on subgrade soil tests. (min. 200mm).

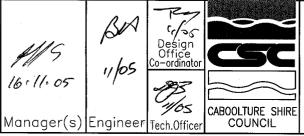
Road is to be located centrally within the Road Reserve.

Formation width may be reduced to 7m for roads serving up to 15 lots.



ALTERNATE SCALE N.T.S. TREATMENT TING

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES. Changes to Batters Various Changes Various Changes Various Changes ORIGINAL ISSUE



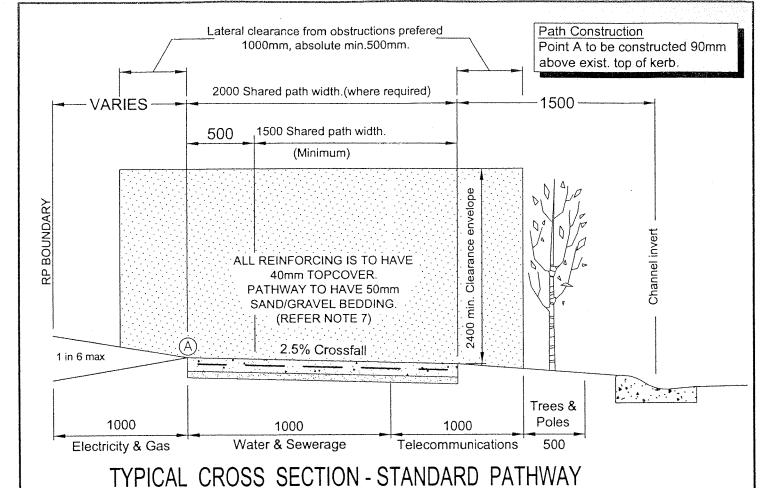
RURAL ROAD & RURAL RESIDENTIAL (without kerb, No Lot Access.)

CROSS SECTION

DATE	REVISION	N
STAN	DARD DRAWING	NO
	01-63 I)

12/99 04/99

Ğ



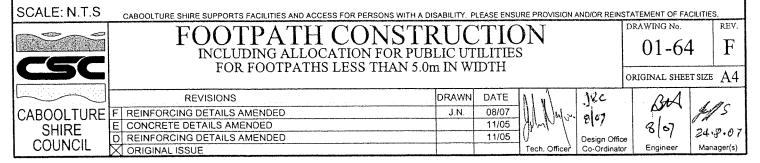
PATHWAY CONSTRUCTION DETAILS

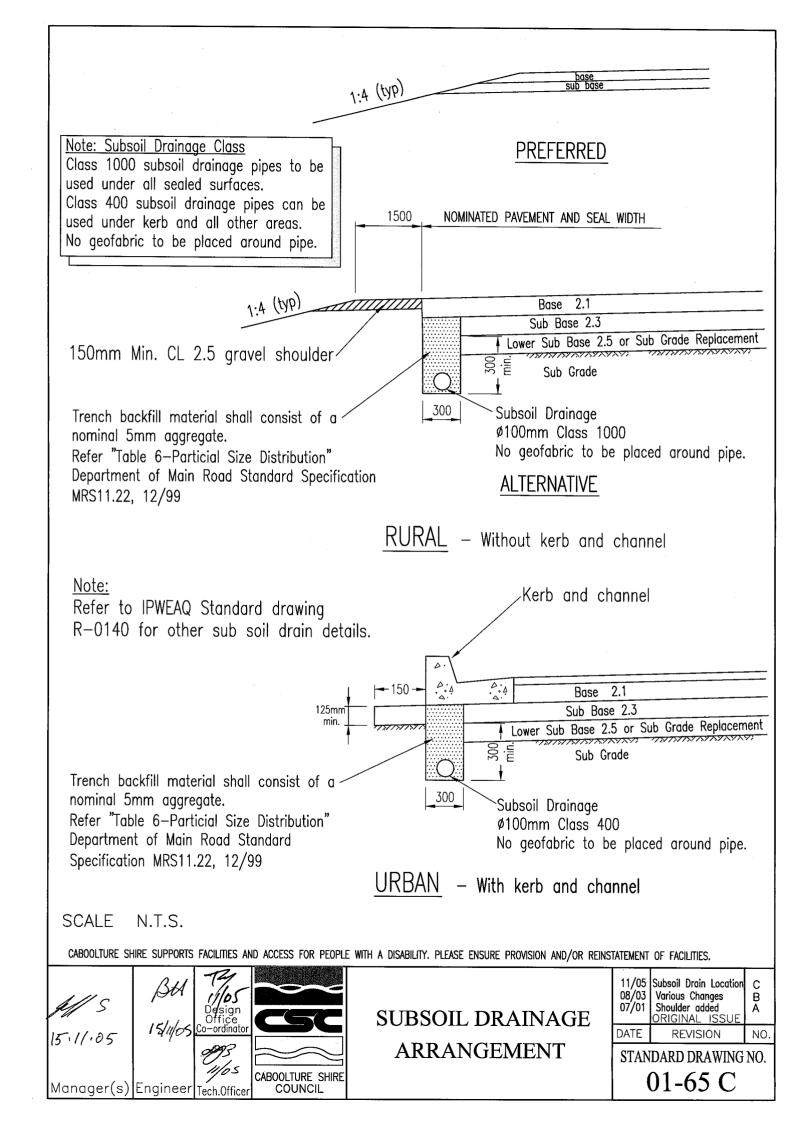
STANDARD PATHWAY	125mm THICK N32 CONCRETE WITH SL72 REINFORCING
PATHWAYS ADJACENT RESIDENTIAL LOTS CONTAINING EXISTING DWELLINGS AND LANDSCAPING. (DRIVEWAYS MUST USE THE HIGHER STANDARD)	100mm THICK N32 CONCRETE WITH SL62 REINFORCING
WHERE FOOTPATH CROSSES COMMERCIAL OR INDUSTRIAL DRIVEWAY. (REFER CSC STANDARD DRAWING 01-44)	150mm THICK N32 CONCRETE WITH SL82 REINFORCING
AC AND GRAVEL PATH LOCATIONS AND DEPTHS TO BE APPROVED BY MANAGER ENGINEERING PLANNING IN LOCATIONS WITHOUT KERB AND CHANNEL	25mm AC ON APPROVED DEPTH CL 2.3 GRAVEL

NOTES:

- 1. Provide tooled joint every 2.5m. Provide Connelly Key Joint or equivalent at all construction joints. Provide 10mm expansion joint at 10m maximum spaces.
- 2. Expansion joints to be filled with approved filler and provided with 12mm dia. plain galv. dowels at 300 centres with 20mm O.D. greased P.V.C. sleeve and end cap at one end.
- 3. Expansion joints are to be provided in concrete pathway adjacent to all concrete property crossings and where any variations occur.
- 4. Ensure Service boxes etc. are modified to finish flush with top of path surface.
- 5. Pathway grades are to comply with the requirements of AS1428.1 where practical.
- 6. Pathway widths less than 2.00m are to be approved by the Manager of Engineering Planning.
- 7. 50mm sand / gravel bedding may be removed, as approved by superintendent.

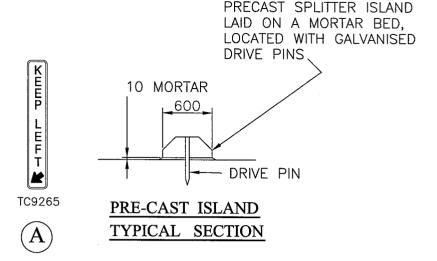
* TACTILE INDICATORS SHALL BE INSTALLED AS PER AS 1428.4 -2002 *

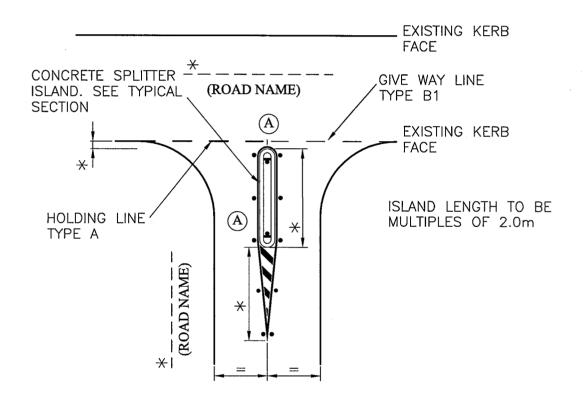




NOTES:

- 1. RAISED RETRO-REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED AT 5.0m SPACING.
- 2. SIGNS AND LINE MARKING ARE TO BE PLACED IN ACCORDANCE WITH THE M.U.T.C.D. & STD.DWG.01-41.



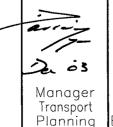


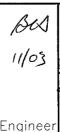
* DETAILS TO BE COMPLETED FOR EACH PROJECT

600mm WIDE RAISED CONCRETE SPLITTER ISLAND

SCALE N.T.S.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.







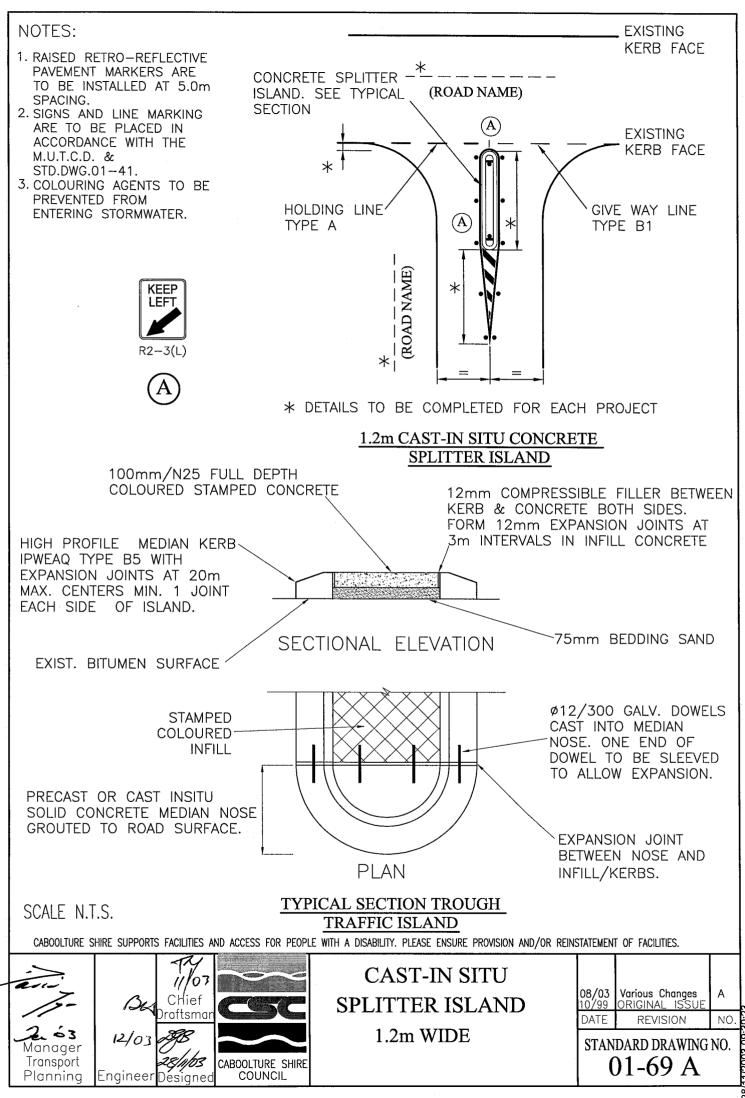


PRECAST SPLITTER ISLAND 600 WIDE.

600 WIDE. FOR EXISTING STANDARD DRAWING NO. **ROADS ONLY**

08/03 10/99	Various Changes ORIGINAL ISSUE	Α
DATE	REVISION	NO.

01-68 A



NOTES:-

1. RAISED RETRO-REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED AT 5.0m SPACING.

2. LINE MARKING TO BE IN ACCORDANCE WITH THE M.U.T.C.D. & C.S.C. STD.DWG.01-41

> **EXISTING** KERB FACE (ROAD NAME) GIVE WAY LINE HOLDING LINE Ŗ0.45 TYPE B1 TYPE A **EXISTING** KERB FACE 600mm LONG 2 E RUBBER SAFETY **BARS** *(ROAD NAME)

> > * DETAILS TO BE COMPLETED FOR EACH PROJECT

RUBBER SAFETY BAR SPLITTER ISLAND

SCALE N.T.S.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PEOPLE WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES.

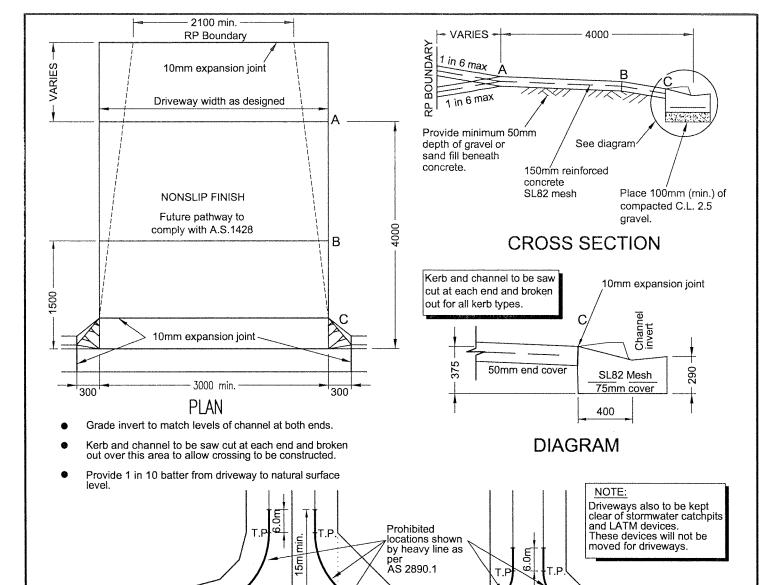




RUBBER SAFETY BAR SPLITTER ISLAND FOR EXISTING ROADS ONLY

08/03 10/99	Various Changes ORIGINAL ISSUE	Α
DATE	REVISION	NO.

STANDARD DRAWING NO. 01-70 A



T.P

6.0 m

6.0m

METHOD OF CONSTRUCTION

LATM:

*PROHIBITED LOCATION OF DRIVEWAYS

TP

6.0m

 Driveway is to be constructed in two sections with an expansion joint along Line C. Joint to be 10mm wide and filled with mastic.

T.P

6.0m

- Measure back 400mm from existing channel invert to establish Line C. Excavate and place form boards so that board at LINE C is 110mm above the invert of the kerb and channel.
- Measure back 1.5m from existing channel invert to establish Line B. Excavate and place form boards so that board at LINE B is 40mm above the existing top of kerb.
- Measure back 4.0m from existing channel invert to establish Line A. Excavate and place form boards so that board at LINE A is 100mm above the existing top of kerb.
- 6. Place required mesh with 40mm top cover.
- 7. Concrete to be 125 thick and have SL72 mesh as a minimum.

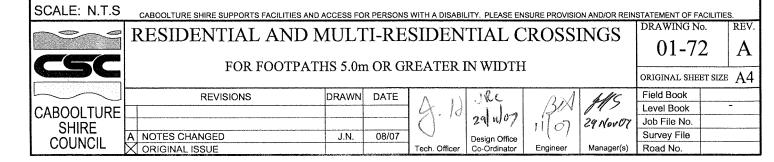
8. Remove existing kerb and channel for width of driveway plus 300mm each side. Provide a 10mm expansion joint at each join.

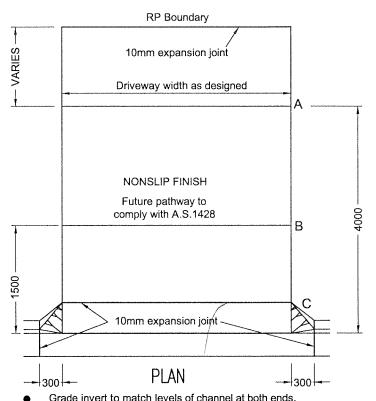
T.P

6.0m

T.P.= Tangent point of kerb return.

- Council Officer is to inspect boxing and reinforcement before concrete is placed, however, Engineers Certification may be required in lieu of this inspection. Telephone 07 54200100 to arrange this inspection. 48hrs notice is required.
- Concrete strength to be N32 minimum Width of invert - 3.6 min. - 6.0 max.
- Crossfall of existing road pavement adjacent to driveway is to be checked. If crossfall exceeds 3%, driveway may have to be redesigned to ensure satisfactory clearance for vehicles.





CROSS SECTION Kerb and channel to be saw

VARIES

1 in 6 max

sand fill beneath concrete.

Provide minimum 50mm depth of gravel or

1 in 6 max

BOUNDARY

10mm expansion joint cut at each end and broken out for all kerb types. Channel invert 375 50mm end cover SL82 Mesh 75mm cover 400

150mm reinforced concrete SL82 mesh

4000

See diagram

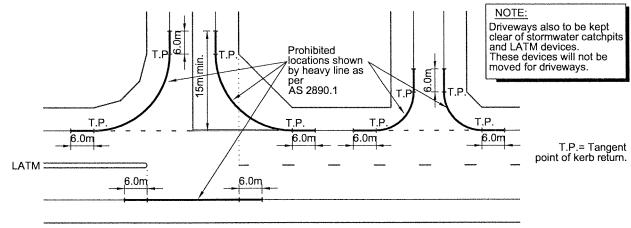
Place 100mm (min.) of

compacted C.L. 2.5

gravel.

DIAGRAM

- Grade invert to match levels of channel at both ends.
- Kerb and channel to be saw cut at each end and broken out over this area to allow crossing to be constructed.
- Provide 1 in 10 batter from driveway to natural surface level.



*PROHIBITED LOCATION OF DRIVEWAYS

METHOD OF CONSTRUCTION

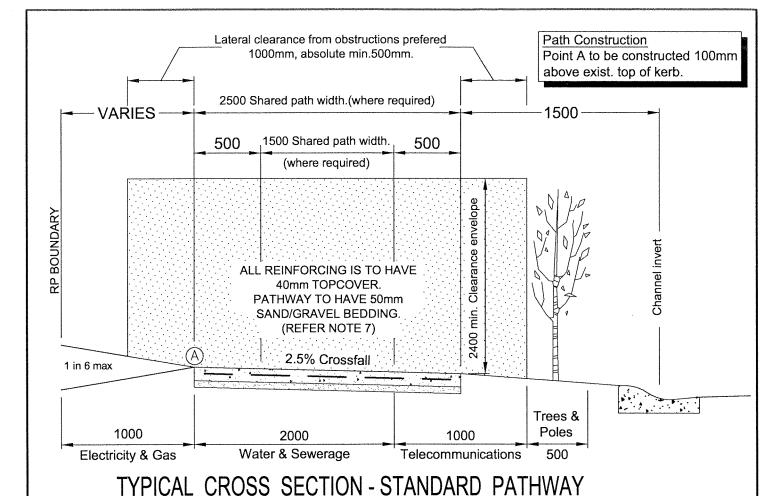
- Driveway is to be constructed in two sections with an expansion joint 1. along Line C. Joint to be 10mm wide and filled with mastic.
- Measure back 400mm from existing channel invert to establish Line C. Excavate and place form boards so that board at LINE C is 2. 110mm above the invert of the kerb and channel.
- Measure back 1.5m from existing channel invert to establish Line B. Excavate and place form boards so that board at LINE B is 40mm above the existing top of kerb.
- Measure back 4.0m from existing channel invert to establish Line A. Excavate and place form boards so that board at LINE A is 90mm above the existing top of kerb.
- Remove existing kerb and channel for width of driveway plus 300mm each side. Provide a 10mm expansion joint at each join.
- Council Officer is to inspect boxing and reinforcement before concrete is placed however Engineers Certification may be required in lieu of this inspection. Telephone 07 54200100 to arrange this inspection. 48hrs. notice is required.
- The concrete is to conform with the following requirements : Thickness 150mm

- 150mm - N32 minimum Strength

- SL82 mesh placed with 40mm topcover Reinforcing

Crossfall of existing road pavement adjacent to driveway is to be checked. If crossfall exceeds 3%, driveway may have to be redesigned to ensure satisfactory clearance for vehicles.

CABOOLTURE SHIRE SUPPORTS FACILITIES AND ACCESS FOR PERSONS WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES DRAWING No. REV. 01-73 FOR FOOTPATHS 5.0m OR GREATER IN WIDTH **A4** ORIGINAL SHEET SIZE Field Book **REVISIONS** DRAWN DATE Level Book **CABOOLTURE** 29/11/07 Job File No. **SHIRE** Survey File NOTES CHANGED J.N. 08/07 Design Office COUNCIL Road No. ORIGINAL ISSUE



PATHWAY CONSTRUCTION DETAILS

STANDARD PATHWAY	125mm THICK N32 CONCRETE WITH SL72 REINFORCING
PATHWAYS ADJACENT RESIDENTIAL LOTS CONTAINING EXISTING DWELLINGS AND LANDSCAPING. (DRIVEWAYS MUST USE THE HIGHER STANDARD)	100mm THICK N32 CONCRETE WITH SL62 REINFORCING
WHERE FOOTPATH CROSSES COMMERCIAL OR INDUSTRIAL DRIVEWAY. (REFER CSC STANDARD DRAWING 01-44)	150mm THICK N32 CONCRETE WITH SL82 REINFORCING
AC AND GRAVEL PATH LOCATIONS AND DEPTHS TO BE APPROVED BY MANAGER ENGINEERING PLANNING IN LOCATIONS WITHOUT KERB AND CHANNEL	25mm AC ON APPROVED DEPTH CL 2.3 GRAVEL

NOTES:

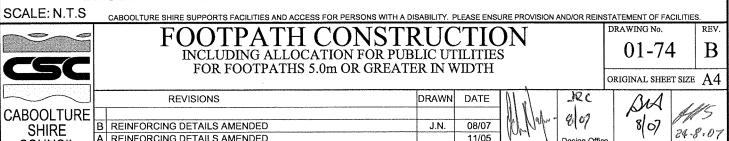
COUNCIL

- 1. Provide tooled joint every 2.5m. Provide Connelly Key Joint or equivalent at all construction joints. Provide 10mm expansion joint at 10m maximum spaces.
- 2. Expansion joints to be filled with approved filler and provided with 12mm dia. plain galv. dowels at 300 centres with 20mm O.D. greased P.V.C. sleeve and end cap at one end.
- 3. Expansion joints are to be provided in concrete pathway adjacent to all concrete property crossings and where any variations occur.
- 4. Ensure Service boxes etc. are modified to finish flush with top of path surface.
- 5. Pathway grades are to comply with the requirements of AS1428.1 where practical.
- 6. Pathway widths less than 2.00m are to be approved by the Manager of Engineering Planning.
- 7. 50mm sand / gravel bedding may be removed, as approved by superintendent.

A REINFORCING DETAILS AMENDED

ORIGINAL ISSUE

* TACTILE INDICATORS SHALL BE INSTALLED AS PER AS 1428.4 -2002 *



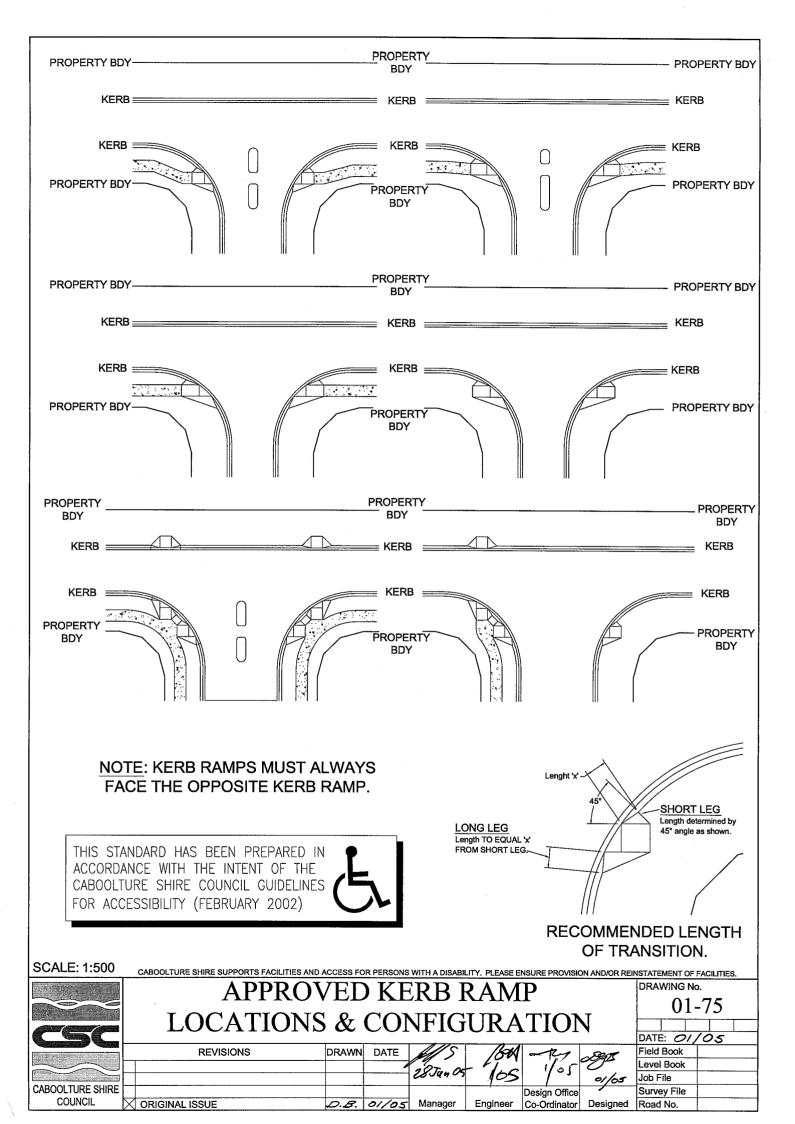
11/05

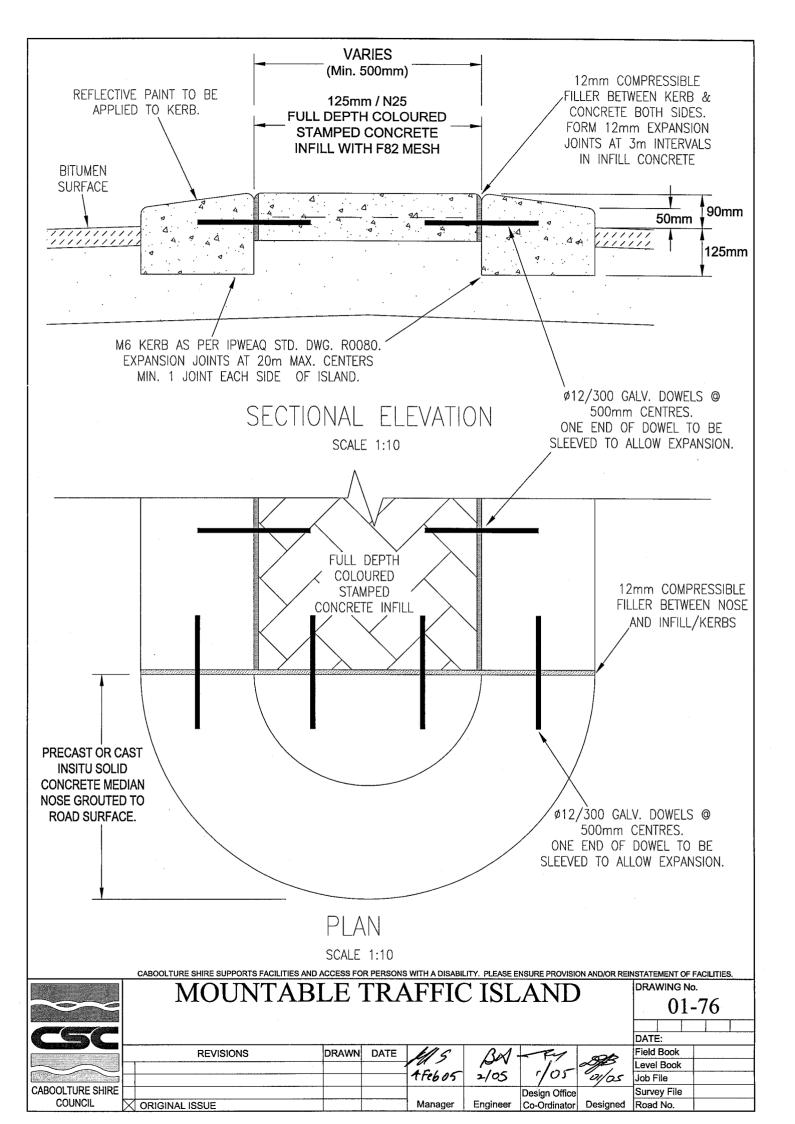
10-03

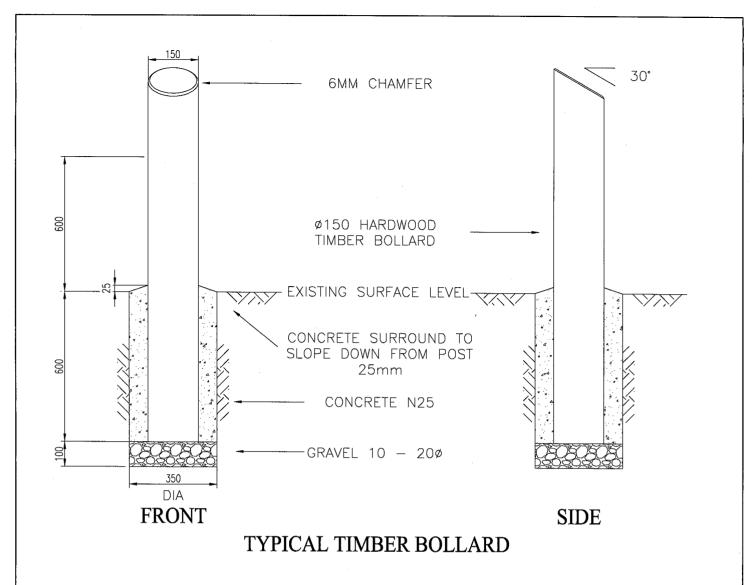
Design Office

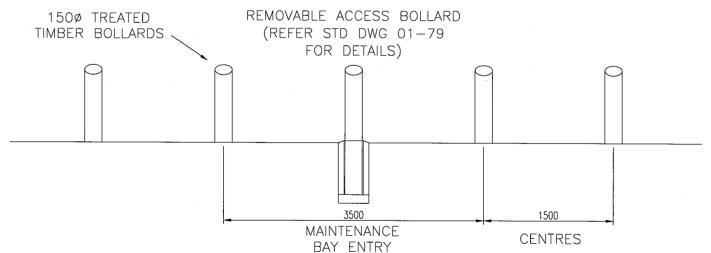
Co-Ordinator

Manager(s)

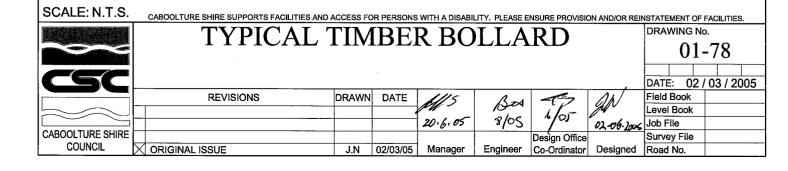


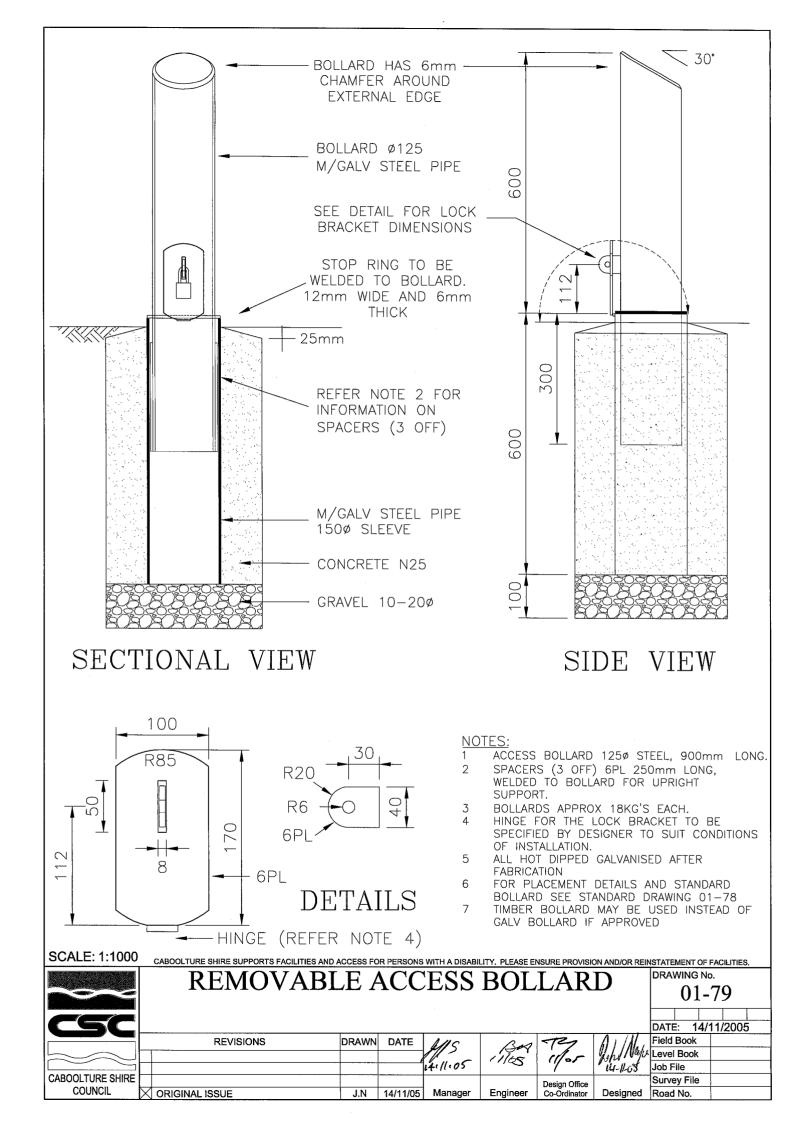


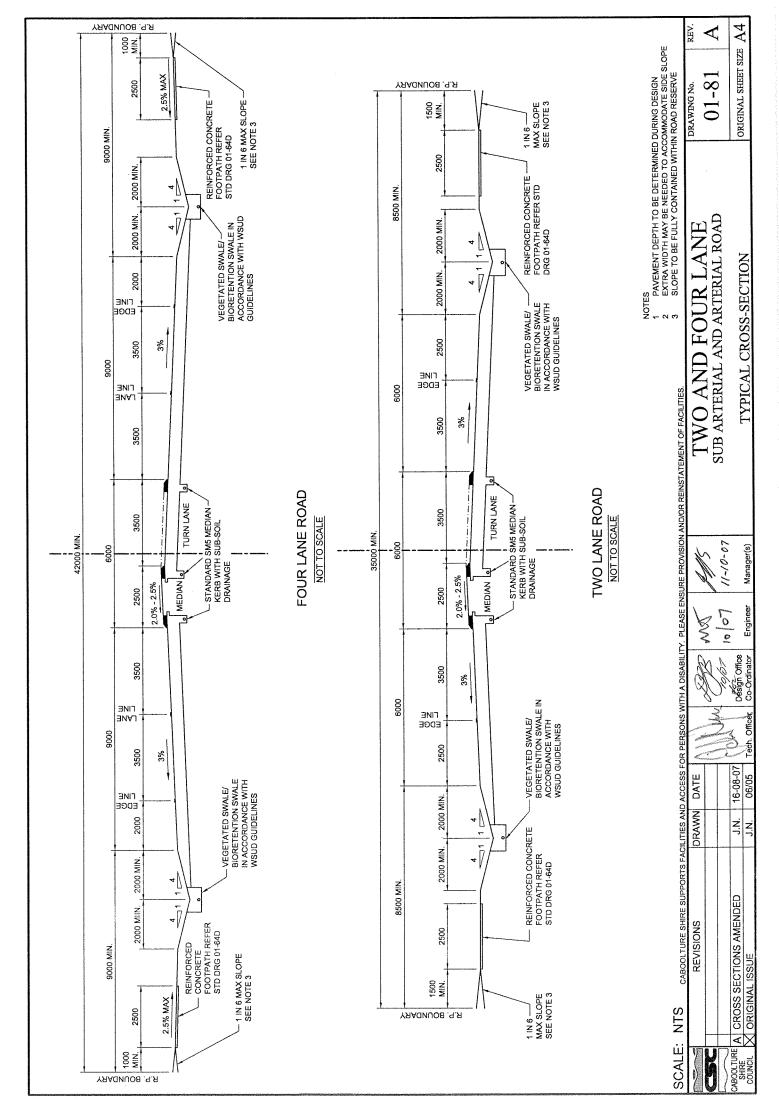




STANDARD TIMBER BOLLARD LAYOUT







AC SURFACING FOR ACCESS ROADS (25mm MIN) AND COLLECTORS BCC MIX TYPE 2 (40mm MIN) COMPACTION 92%

AC SURFACING OTHER ROADS DMR COMPACTION CV >92% DG10 (MIN 40mm)

DOS PRIOR TO SURFACING <65%

BASE LOWER SUBBASE SUBGRADE JPPER SUB BASE# MIN 100% STANDARD MIN 100% STANDARD MIN 102% STANDARD MIN 100% STANDARD TYPE 2.5 **TYPE 2.1 TYPE 2.3**

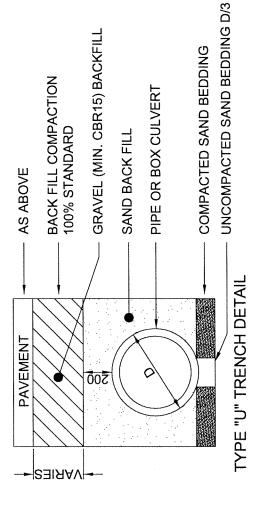
STABILISED PAVEMENT 100% STANDARD

LAYER IS NOMINATED, TYPE 2.3 MATERIAL SHALL BE UTILISED # WHERE A SINGLE SUBBASE

> ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MAIN ROADS SPECIFICATIONS FOR ROADWORKS ACCESS AND COLLECTOR ROADS WHICH SHALL BE IN WITH THE EXCEPTION OF ASPHALT SURFACING FOR SPECIFICATIONS 5310 (SUPPLY OF DENSE GRADED ACCORDANCE WITH BRISBANE CITY COUNCIL ASPHALT) AND 5320 (LAYING OF ASPHALT)

DESIGN AND DEVELOPMENT MANUAL AND THE ABOVE NOTE: WHERE DISCREPANCY OCCURS BETWEEN THE SPECIFICATIONS, THE PROVISIONS OF THE DESIGN MANUAL SHALL APPLY

DOS = DEGREE OF SATURATION FOR BASE (FINAL) LAYER CV = CHARACTERISTICS VALUE



ES AND ACCESS FOR PERSONS WITH A DISABILITY. PLEASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES DATE

AWN

 SCALE: 1:1000	: 1	1:1000 CABOOLTURE SHIRE SUPPORTS FACILITIE	ACILITIE
		REVISIONS	DR
 J			
 3			
 CABOOL TURE A	⋖	CONSTRUCTION CRITERIA CHANGES	٦
 COUNCIL	X	ORIGINAL ISSUE	ال
	l		

ROAD CONSTRI	TYPICA
TRUCTION CRI	CAL CROSS SECTION

Manager(s)

Engineer

Design Office Co-Ordinator

Tech. Officer

N. 11-05-05 16-08-07

60)8

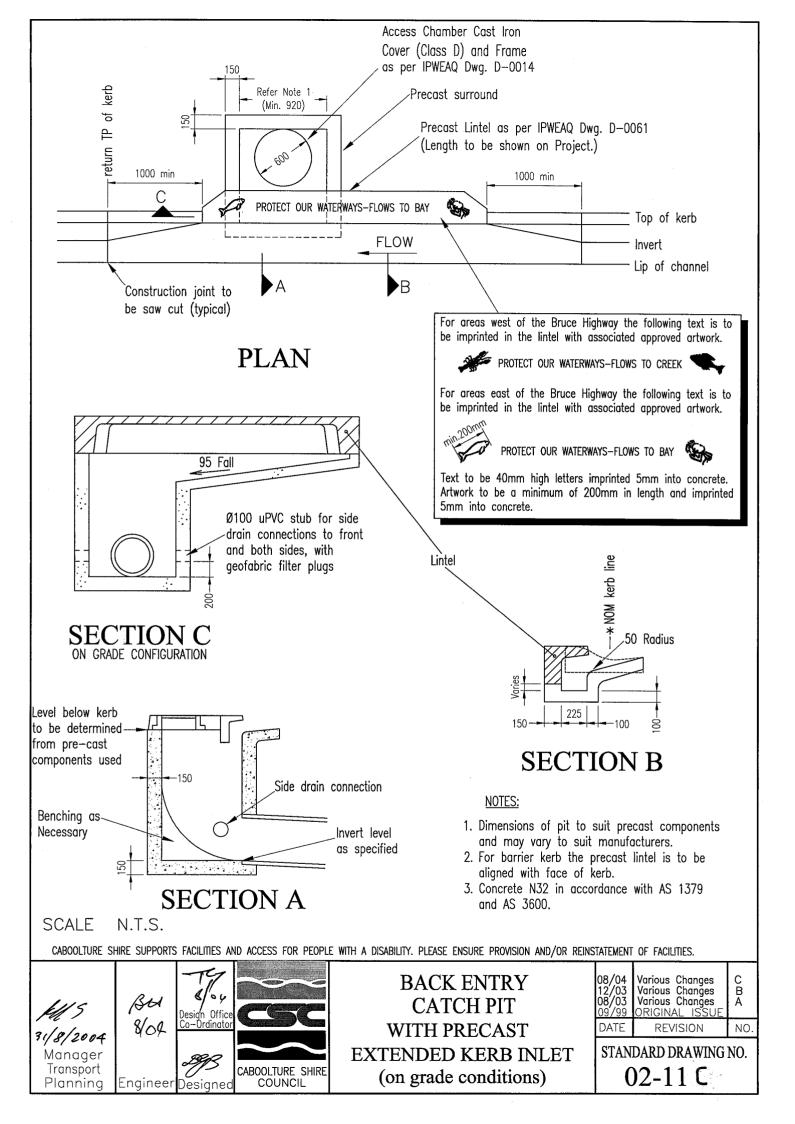
3

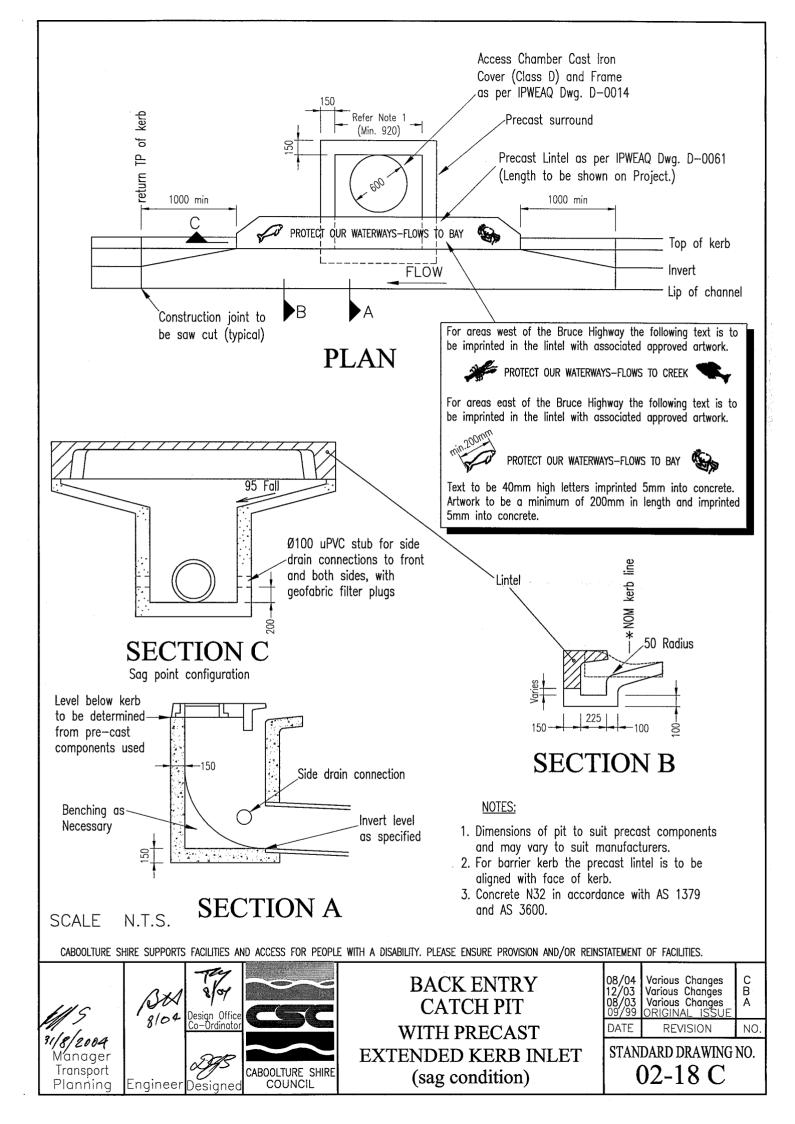
01-83 DRAWING No.

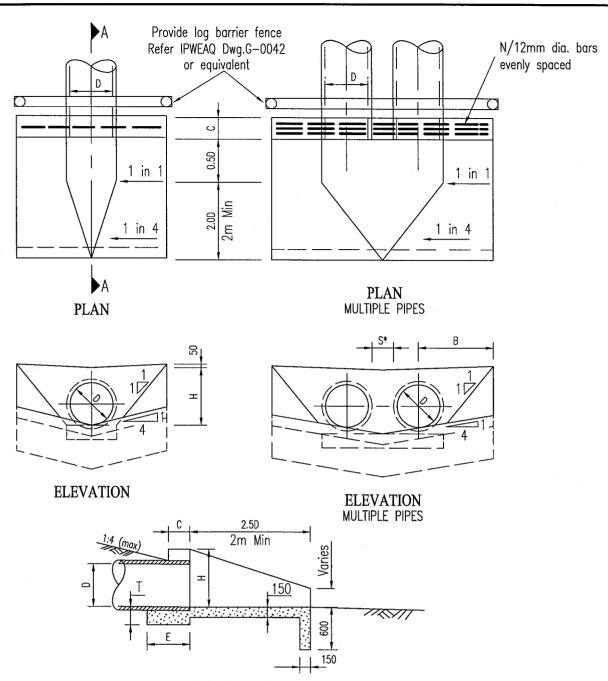
REV.

ORIGINAL SHEET SIZE A4 ⋖

16/08/2007 10:59:00 AM







SCALE: N.T.S.

SECTION A-A

DIMENSIONS														
DIMENSIONS					F	PIPE D)IAMÉTEI	R 'D'						
DINICIAZIONA	375	450	525	600	675	750	825	900	1050	1200	1350	1500	1650	1800
В	760	875	995	1115	1240	1380	1520	1660	1890	2130	2365	2600	2840	3075
С	230	230	300	300	300	350	350	350	350	400	400	400	450	450
Ε	450	450	600	600	600	750	750	750	750	900	900	900	1000	1000
Н	570	650	730	810	900	1000	1100	1200	1360	1520	1680	1840	2000	2160
T	180	190	190	200	200	230	240	240	260	260	310	340	380	410
N	1	2	2	2	3	3	3	3	3	4	4	4	4	4

Use 375mm dia. dimensions for 300mm dia.

NOTES:

- Concrete to be Class N20.
- Reinforcing to be plain steel reinforcing bars in accordance with AS 1302 for structural grade steel. Clear cover to be 50mm
- minimum.
 Weepholes at 1200 crs maximum. No fines concrete block 300x300x150 at each weephole.
- S* dimension for multiple R.C. Pipes for any method of laying is:

 300 for D = 600 or less
 600 for D greater than 600

Taper from downstream end of concrete apron to match concrete lined open drain, where applicable.

CADOOLTUDE SUIDE SUIDDORTS FACILITIES AND ACCESS FOR PEODLE WITH A DISABILITY DIFASE ENSURE PROVISION AND/OR REINSTATEMENT OF FACILITIES

		INLET	CULVER & OUTLET ELEVATIONS				STANDARD DRAWING No. 02-22B A B DATE: 00/00	
	REVISIONS	DRAWN	DATE	> 136A	- Reg (903	08B	DATE: 09/99 Field Book Level Book	3 09-14-0
CABOOLTURE SHIRE COUNCIL	B VARIOUS CHANGES A VARIOUS CHANGES X ORIGINAL ISSUE		Manage		Chief	7.700	Job File Survey File Road No.	

