

GENERAL NOTES & SPECIFICATIONS

- G1. ENSURE ENTRANCE BARRIERS ARE LOCATED IN ACCORDANCE WITH THE PARKS CHAPTER OF INFRASTRUCTURE DESIGN PLANNING SCHEME POLICY.
- G2. POSITION GATES AWAY FROM MAIN PEDESTRIAN AREAS.
- G3. ENSURE THAT MAINTENANCE VEHICLES CAN ACCESS THE GATE VIA THE STREET OR PATHWAY AREAS WITHIN THE PARK.
- G4. STOP SIGN TO R1-1 SIGN SPECIFICATIONS IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- G5. POSTS TO POSITIONED IN A STRAIGHT LINE WITH ADJOINING BOLLARDS OR BARRIERS AT 1500mm CENTRES.
- G6. ENSURE ENTRANCE BARRIERS ARE CLEANED OF CONCRETE SLURRY OR SPRAY WHEN INSTALLED TO PREVENT STAINING OR DAMAGE TO APPLIED FINISHES.
- G7. AUSTRALIAN STANDARDS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE REFERENCED AUSTRALIAN STANDARDS EXCEPT WHERE VARIED BY SPECIFICATIONS AND/OR DRAWINGS.
- G8. POSITION LOCKRAILS AWAY FROM MAIN PEDESTRIAN AREAS. ENSURE THAT MAINTENANCE VEHICLES CAN ACCESS THE LOCKRAIL VIA THE STREET OR ROADS AREAS WITHIN THE PARK.
- G9. PROVIDE A SETBACK OR QUEUING AREA AND FORMED DRIVEWAY BETWEEN THE LOCKRAIL AND STREET AS REQUIRED UNDER THE SUBDIVISION AND DEVELOPMENT GUIDELINES OR AS SHOWN ON THE PLAN.
- G10. ALL DIMENSIONS IN MILLIMETRES (U.N.O.).

FIXTURES/FITTINGS/METAL WORK NOTES

- F1. ENTIRE FABRICATION TO BE MILD STEEL HOT-DIPPED GALVANISED TO THE FOLLOWING AUSTRALIANS STANDARDS:
 - FERROUS OPEN SECTIONS TO *AS4791*.
 - FERROUS HOLLOW SECTIONS TO *AS4792*.
- F2. METAL WORK WITHIN FOOTINGS TO BE COAL TAR EPOXIED.
- F3. ENSURE ALL WELDS ARE 5mm THICK CONTINUOUS FILLET WELDS (C.F.W.) TO *AS/NZS1554.1* WITH COLD GALVANISING TREATMENT TO COMPLETED WELDS.
- F4. RAILS TO BE GALVANISED STEEL TUBE TO *AS1163* OF THE FOLLOWING SIZES:
 - 75NB FOR USE WITH STEEL POSTS.
 - 80NB FOR USE WITH TIMBER POSTS.
- F5. ARRIS ALL LEADING EDGES, ENSURING ALL WELDING SLAG AND BARBS ARE REMOVED PRIOR TO GALVANISING AND APPLIED FINISHES.
- F6. POWDERCOAT FINISH AFTER GALVANISING TO AS 4506 TO POSTS AFTER GALVANISING. FINISH COLOUR TO BE BCC CORPORATE COLOUR PALETTE "YELLOW 5" (*AS2700S-1996* "Y11 CANARY" EQUIV.). REFER BSD-1003. APPLY REFLECTIVE TAPE IN SPIRAL PATTERN ACROSS RAIL.
- F7. APPLY RED CLASS 1A RETROREFLECTIVE TAPE IN SPIRAL PATTERN ACROSS TOP RAIL AS SHOWN IN ASSOCIATED DETAILS - REFER BSD-7053, BSD-7054 & BSD-7055.
- F8. PADLOCKS AS PER BCC STANDARDS. CONTACT LOCAL ASSET SERVICES - REFER BSD-10003 FOR CONTACT DETAILS.
- F9. WHERE POSSIBLE ALL FIXINGS TO BE TAMPER/VANDAL PROOF TO MINIMISE DAMAGE OR THEFT.


CONCRETE WORK NOTES

- C1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH *AS3600*.
- C2. AT A MINIMUM ALL CONCRETE TO BE GRADE N25. CONCRETE SHALL BE NORMAL CLASS CONCRETE UNLESS DIRECTED OTHERWISE. N25 SHALL MEAN NORMAL CLASS CONCRETE WITH A 28 DAY CHARACTERISTIC STRENGTH OF 25MPa. CONCRETE MIX DESIGN SHALL BE SUBMITTED TO THE SITE SUPERINTENDENT FOR APPROVAL FIVE (5) DAYS PRIOR TO ORDERING.
- C3. ALL CEMENT TO BE TYPE GP OR GB TO *AS3972* UNLESS SPECIFIED OTHERWISE.
- C4. NORMAL AGGREGATE SIZE TO BE 20mm, SLUMP TO BE NOT GREATER THAN 80mm.
- C5. THE BOTTOMS OF ALL FOOTINGS ARE TO BE CLEANED OF ALL LOOSE MATERIAL AND WATER PRIOR TO PLACING CONCRETE.

TIMBER WORK NOTES

- T1. TIMBER SHOULD BE SOURCED FROM LEGAL AND SUSTAINABLE SOURCES. TIMBERS ARE CONSIDERED ACCEPTABLE WHERE THERE IS A HIGH DEGREE OF CERTAINTY THAT THEY ARE FROM FORESTS, EITHER NATIVE OR PLANTATION, THAT ARE LEGALLY HARVESTED AND SUSTAINABLY MANAGED. THE CONTRACTOR IS TO SUBMIT EVIDENCE THAT THE TIMBER HAS BEEN OBTAINED FROM A LEGAL AND SUSTAINABLE SOURCE.
- T2. ALL TIMBER TO BE ACQ PRESSURE TREATED OR TANALITH E (COPPER AZOL) TO *AS1608* TREATED ROUGH SAWN APPEARANCE GRADE HARDWOOD OF ONE SPECIES.
- T3. ALL EXPOSED EDGES TO RECEIVE MIN. 5mm WIDE ARRIS.
- T4. PRIOR TO INSTALLATION, ALL CUTS, EDGES, JOINTS TO RECEIVE LIBERAL COATINGS WITH AN APPROVED TIMBER PRESERVATIVE.
- T5. ALL TIMBER IN CONTACT WITH GROUND TO BE PRESERVATIVE TREATED HAZARD CLASS H5 TO AS 1604 AND HAVE A DURABILITY CLASS 1 OR 2 TO *AS5604*.
- T6. ALL TIMBER TO BE FREE OF KNOTS, SPLINTERS, CRACKS OR ANY MAJOR DEFECT.
- T7. TIMBER PRESERVATIVES - WHERE NO FINISH SPECIFIED, ALL TIMBER TO RECEIVE 3 No. COATS OF CLEAR APPROVED TIMBER PRESERVATIVE SUCH AS COPPER NAPHTHENATE OIL (FOR ABOVE GROUND USE) AND COPPER NAPHTHENATE EMULSION (FOR BELOW GROUND USE) - COAT ENTIRE BOLLARD PRIOR TO PLACING.
- T8. COLOUR SELECTION WHERE APPLICABLE IN ACCORDANCE WITH STANDARD CORPORATE COLOUR PALETTE. COAT ENTIRE BOLLARD PRIOR TO PLACING.

REFER TO BSD-7053, BSD-7054 & BSD-7055 FOR ASSOCIATED DETAILS

					DRAWING AUTHORISED FOR PUBLICATION				DESIGN		Std Dwgs WG		DATE		OCT '13				BRISBANE CITY COUNCIL STANDARD DRAWING							
					PAUL COTTON SIGNATURE ON ORIGINAL DATED 03/09/04						DRAWN		CPO - P&D		DATE				OCT '13		SCALE		AS SHOWN			
					MANAGER INFRASTRUCTURE MANAGEMENT R.P.E.Q: 2546				CHECKED		UMD - E&P & IMB		DATE		OCT '13				DWG No.		BSD-7051					
					DESIGN APPROVED LAUREN TEMPLEMAN SIGNATURE ON ORIGINAL DATED 31/08/04				DRAWING FILENAME		BSD-7051 (B) Entrance barriers - General notes.dwg				ORIGINAL SIZE				A3		REVISION		B			
ISSUE					AMENDMENT				DRAWN DATE		CHK'D DATE		APPR'D DATE		PRICIPAL PROGRAM OFFICER PARKS				ASSOCIATED PLANS		SUPERSEDES UMS-731		ENTRANCE BARRIERS - GENERAL NOTES			
B					Note Numbers Added, AS/NZS Reference in Note F3 Updated				SEP '18		APR '19		APR '19													
A					Drawing Converted From UMS Series April 2014				APR '14		APR '14		APR '14													