

GENERAL NOTES

- ENSURE THAT WORK IS IN ACCORDANCE WITH BRISBANE CITY COUNCIL ENVIRONMENTAL BEST PRACTICE NOTES.
- SITE SETOUT TO BE VERIFIED BY SUPERINTENDENT OR LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION WORKS.
- VERIFY LOCATION OF ALL SERVICES AND EASEMENTS PRIOR TO THE COMMENCEMENT OF WORKS.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DISTANCES.
- VERIFY ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION.
- FOOTINGS HAVE BEEN DESIGNED ON THE ASSUMPTION THAT THE MINIMUM ALLOWABLE BEARING CAPACITY OF SOIL IS 100kPa.
- IN EACH CASE ENGINEERING CERTIFICATION AND MODIFICATION AS NECESSARY WILL BE REQUIRED FOR PARTICULAR SOIL AND SITE CONDITIONS.
- THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE BRISBANE CITY COUNCIL.
- DIMENSIONS IN MILLIMETRES (UNO)

STEEL NOTES


1. WHERE FENCE IS FOR USE IN A NON-MARINE ENVIRONMENT (MORE THAN 1KM FROM THE FORESHORE), THE FOLLOWING PROTECTION TREATMENT IS REQUIRED:
HOT DIP GALVANISING;
- FERROUS OPEN SECTIONS TO AS4791
- FERROUS HOLLOW SECTIONS TO AS4792
STEEL WORK
- MAY BE POWDERCOATED TO AS4506 - COLOUR 'MATT BLACK' IF REQUIRED.
2. WHERE FENCE IS REQUIRED FOR USE WITHIN MARINE ENVIRONMENT (UP TO 1km FROM THE FORESHORE), THE FOLLOWING PROTECTION TREATMENT IS REQUIRED:
HOT DIP GALVANISING:
- 85 MICRONS (600G/M²) MIN;
- SWEEP ABRASIVE BLAST;
STEELWORK FIRST COAT:
- EPOXY PRIMER 75 MICRONS MIN;
STEELWORK SECOND COAT:
- TWO PACK ACRYLIC OR POLYURETHANE GLOSS 75 MICRONS MIN;
3. PAINT SYSTEMS TO BE IN ACCORDANCE WITH AS2312 AND IS DESIGNATED HDG600P6.
4. ALL GALVANISED STEEL TUBE TO AS1163.
5. STANDARD COUPLINGS (DOWN-EE FITTINGS) MAY BE USED AS AN ALTERNATIVE TO SWAGED JOINTS AND WELDS.
6. GALVANISED STEEL END CAPS TO BE PROVIDED TO ALL POSTS.
7. CORNER POSTS TO BE ADOPTED WHERE THE CHANGE IN ANGLE IN HORIZONTAL ALIGNMENT EXCEEDS 20 DEGREES.
8. ALL WELDS TO BE 6 THICK C.F.W (CONTINUOUS FILLET WELDS) TO AS1554.1 WITH COLD GALVANISING TREATMENT TO COMPLETED WELDS.
9. PREFERRED COLD GALVANISING TREATMENT FOR IN-SITU WELDS, CUT ENDS OR OTHER BARE STEEL IS TO APPLY 2 COATS OF INORGANIC ZINC PRIMER APPLIED BY BRUSH.
10. 1800 CHAIN WIRE TO BE 3.15 THICK X 50 PITCH MESH GALVANISED PVC TO AS 2423.
11. GOOSE NECKED STAYS TO BE PROVIDED AT END POSTS, GATE POSTS, CORNER POSTS AND EVERY EIGHTH POST.
12. POSTS ARE TO BE VERTICAL.
13. ALL CONCRETE TO BE N25.
14. CHAIN WIRE TO BE FIXED USING 2.0 WIRE TIES AS FOLLOWS:
- INTERMEDIATE POSTS AT 3 LOCATIONS
- END POSTS AT 3 LOCATIONS
- HORIZONTAL CABLE AT 375 CENTRES TO TOP CABLE
- HORIZONTAL CABLE AT 600 CENTRES TO MIDDLE CABLE
- HORIZONTAL CABLE AT 450 CENTRES TO BOTTOM CABLE
15. GALV STEEL SHEETS TO BE POWDERCOATED OR PREPAINTED TO AS 2728, COLOURED ON BOTH SIDES. THE COLOUR SHALL BE 'MIST GREEN OR 'RIVER GUM' SUBJECT TO FINAL APPROVAL BY SUPERINTENDENT. SHEETS SHALL BE 0.42MM BMT, OVERLAPPED AT POSTS ONLY AND FASTENED TO POST BY POP RIVETS AT 150 CENTRES. SHEETING TO BE ON PARK SIDE OF FENCE.

MEMBER SCHEDULE

ELEMENT	MEMBER
END POST	60.3x3.6 CHS (50NB BLUE BAND)
CORNER POST	60.3x3.6 CHS (50NB BLUE BAND)
EVERY EIGHTH POST	60.3x3.6 CHS (50NB BLUE BAND)
INTERMEDIATE POST	42.4x3.2 CHS (32NB BLUE BAND)
GATE POST	88.9x3.2 CHS (80NB YELLOW BAND)
GOOSE NECKED STAY	42.4x3.2 CHS (32NB BLUE BAND)

SPECIAL NOTE

THE PURPOSE OF THIS STANDARD IS TO PROVIDE A BARRIER RESTRICTING ACCESS. IT IS NOT APPLICABLE FOR PROVIDING EDGE PROTECTION WHERE THERE IS RISK OF INJURY FROM A FALL GREATER THAN 1m. THIS INCLUDES LOCATIONS SUCH AS CULVERTS, BRIDGE CROSSINGS AND LARGE RETAINING WALLS.

DRAWING AUTHORIZED FOR PUBLICATION				DESIGN	CPO - P&D	DATE	DEC '14		BRISBANE CITY COUNCIL STANDARD DRAWING	
PO ASSET ENGINEERING MANAGER STRATEGIC ASSET MANAGEMENT				DRAWN	CPO - P&D	DATE	DEC '14		SCALE	AS SHOWN
DESIGN APPROVED <i>J. Wood</i>				CHECKED	BI - FSG - AS	DATE	DEC '14		DWG No.	BSD-7009
SENIOR CO-ORDINATOR NATURAL ENVIRONMENT ASSET SERVICES/BRISBANE INFRASTRUCTURE				DRAWING FILENAME	BSD-7009-Sheet 1 of 2.dwg				ORIGINAL SIZE	A3
A	ORIGINAL ISSUE	DEC '14	DEC '14	DEC '14					REVISION	A
ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE	ASSOCIATED PLANS	BSD-7009-Sheet 2				

FENCE - NATURAL AREA -
CHAINWIRE FAUNA EXCLUSION FENCE -
SHEET 1 OF 2