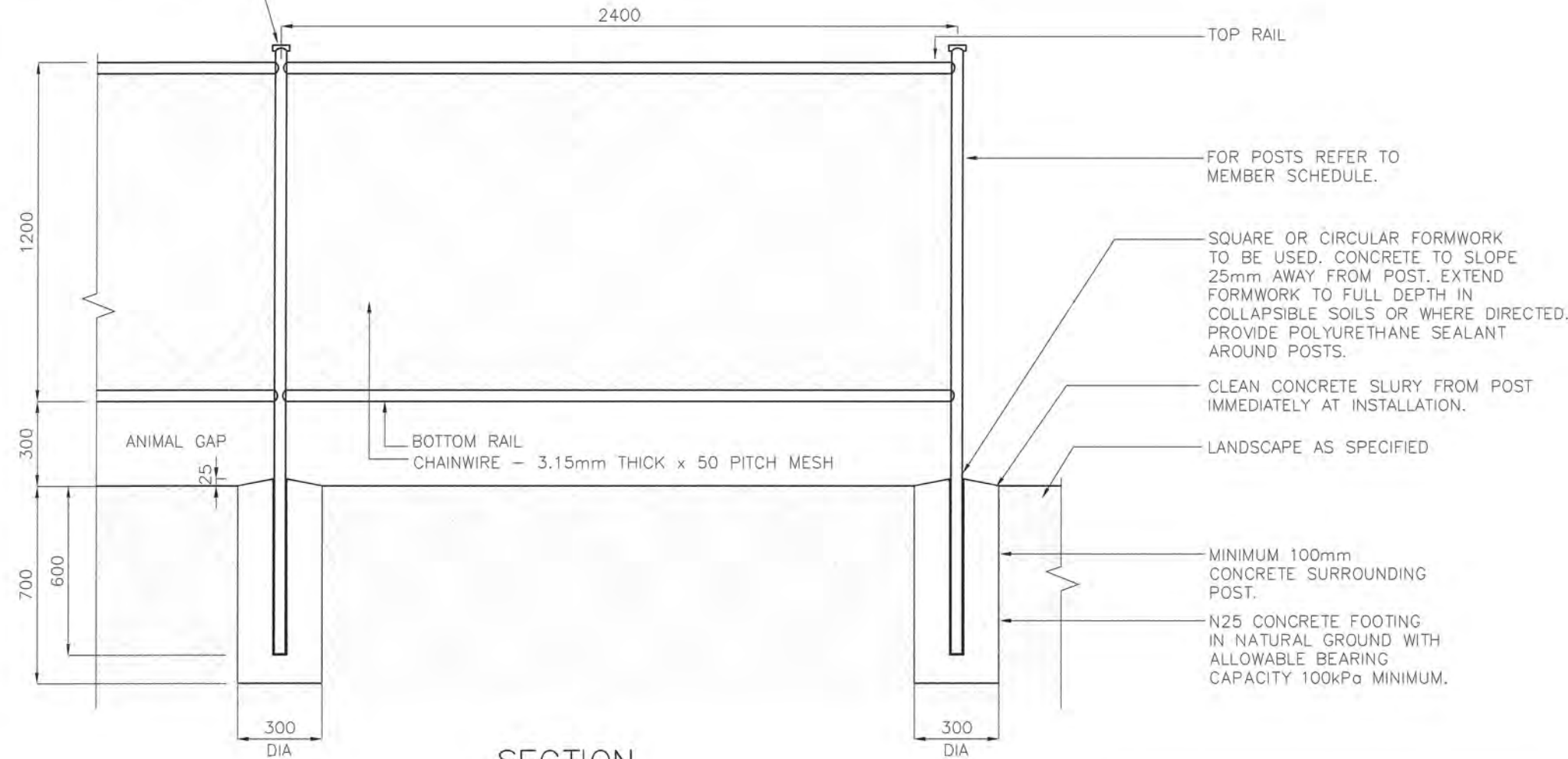


GALVANISED STEEL END CAPS TO ALL POSTS



SECTION
1:20

FENCE FINISH

TYPE 1
STANDARD GALVANISED

TYPE 2

MATT BLACK PVC COATED CHAIN WIRE AND LACING WIRE.
ALL POSTS, FIXINGS, COUPLINGS AND WIRE TO BE MATT BLACK

TOP RAIL

FOR POSTS REFER TO MEMBER SCHEDULE.

SQUARE OR CIRCULAR FORMWORK TO BE USED. CONCRETE TO SLOPE 25mm AWAY FROM POST. EXTEND FORMWORK TO FULL DEPTH IN COLLAPSIBLE SOILS OR WHERE DIRECTED. PROVIDE POLYURETHANE SEALANT AROUND POSTS.

CLEAN CONCRETE SLURY FROM POST IMMEDIATELY AT INSTALLATION.

LANDSCAPE AS SPECIFIED

MINIMUM 100mm CONCRETE SURROUNDING POST.

N25 CONCRETE FOOTING IN NATURAL GROUND WITH ALLOWABLE BEARING CAPACITY 100kPa MINIMUM.

MEMBER SCHEDULE

ELEMENT	MEMBER
END POST	60.3x3.6 CHS (50NB BLUE BAND)
CORNER POST	60.3x3.6 CHS (50NB BLUE BAND)
INTERMEDIATE POST	48.3x3.2 CHS (40NB BLUE BAND)
TOP RAIL	48.3x3.2 CHS (40NB BLUE BAND)
BOTTOM RAIL	48.3x3.2 CHS (40NB BLUE BAND)

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. POSTS ARE TO BE VERTICAL.
8. ALL CONCRETE TO BE GRADE N25.
9. ALL WELDS TO BE 6 THICK C.F.W (CONTINUOUS FILLET WELDS) TO AS1554.1 WITH COLD GALVANISING TREATMENT TO COMPLETED WELDS.
10. 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.
11. CHAIN WIRE TO BE 3.15 THICK X 50 PITCH MESH GALVANISED PVC TO AS 2423.
12. CHAIN WIRE TO BE FIXED AS FOLLOWS:
- LACE CONTINUOUSLY TO RAILS (2.0MM WIRE)
- TIE TO POSTS AT 2 LOCATIONS PER POST (SPACE EVENLY, USE 2.0MM WIRE)
13. GALVANISED TUBULAR HANDRAILS TO BE USED ONLY IN SITUATIONS CLEAR OF LONGITUDINAL VEHICLE IMPACT.
14. THESE FENCES ARE INTENDED AS A PEDESTRIAN BARRIER AND ARE NOT TO BE USED IN SITUATIONS WHERE MOTOR VEHICLES REQUIRE RESTRAINT.

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
A	ORIGINAL ISSUE	DEC '14	DEC '14	DEC '14

DRAWING AUTHORISED FOR PUBLICATION			
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BRISBANE CITY COUNCIL STANDARD DRAWING

FENCE -
NATURAL AREA -
CHAINWIRE HANDRAIL

SCALE: AS SHOWN
DWG No: BSD-7011
ORIGINAL SIZE: A3
REVISION: A