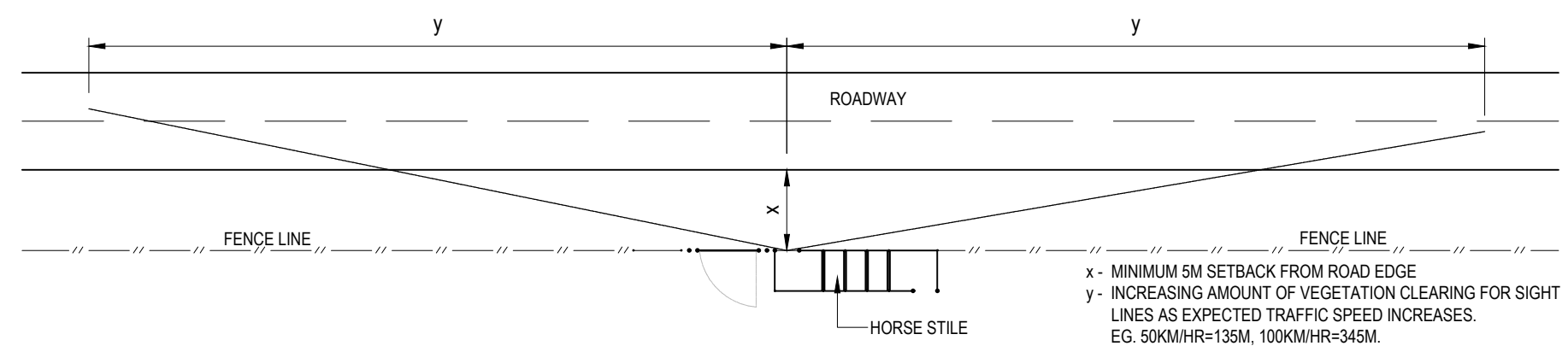


**LARGE HORSE STILE - PLAN**  
SCALE: 1:100



**SITING PLAN**  
NOT TO SCALE

**GENERAL NOTES**

1. ENSURE THAT WORK IS IN ACCORDANCE WITH BRISBANE CITY COUNCIL ENVIRONMENTAL BEST PRACTICE NOTES.
2. SITE SETOUT TO BE VERIFIED BY SUPERINTENDENT OR LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION WORKS.
3. VERIFY LOCATION OF ALL SERVICES AND EASEMENTS PRIOR TO THE COMMENCEMENT OF WORKS.
4. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DISTANCES.
5. VERIFY ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION.
6. STRUCTURES HAVE BEEN DESIGNED ON THE ASSUMPTION THAT THE MINIMUM ALLOWABLE BEARING CAPACITY FOR SOIL IS 100KPa AND TERRAIN CATEGORY = 2.5.
7. IN EACH CASE ENGINEERING CERTIFICATION AND MODIFICATION AS NECESSARY WILL BE REQUIRED FOR PARTICULAR SOIL AND SITE CONDITIONS.
8. THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE BRISBANE CITY COUNCIL.
9. DIMENSIONS IN MILLIMETRES (UNO).

**SITING NOTES**

- SN1. IF HORSE STILE IS LOCATED NEAR A ROAD/CARRIAGEWAY, SETBACK SHOULD BE A MINIMUM OF 5m AND ROADSIDE ADVISORY SIGNS INSTALLED ACCORDING TO SIGHT LINE PRINCIPLES. DISTANCE FROM CROSSING POINT IS DEPENDENT UPON THE MAXIMUM SPEED OF APPROACHING TRAFFIC REFER TO SITING PLAN.
- SN2. A HOLDING AREA OF APPROX 10 X 5m ON ROAD/CARRIAGEWAY VERGE (EDGE) WILL PROVIDE SPACE FOR HORSE AND RIDER TO WAIT UNTIL IT IS SAFE TO CROSS.
- SN3. HOLDING AREA ON ROAD VERGE NEEDS TO BE CLEAR OF VEGETATION OR OTHER OBSTRUCTIONS TO ENSURE SIGHT LINES TO AND FROM THE HORSE STILE ENTRANCE IS MAINTAINED.
- SN4. SIGHT LINES TO BE CLEAR OF VEGETATION BETWEEN 1.5m HEIGHT WITH THE COMPLETE REMOVAL OF ANY TREES/SHRUBS <150mm DBH (DIAMETER AT BREAST HEIGHT). ENSURE APPROPRIATE APPROVALS ARE RECEIVED PRIOR TO ANY REMOVALS.

**STEELWORK**

- SW1. WHERE STANDARD IS FOR USE IN A NON-MARINE ENVIRONMENT (COULD BE UP TO 1KM FROM THE FORESHORE), THE FOLLOWING PROTECTION TREATMENT IS REQUIRED:
  - HOT DIP GALVANISING: FERROUS OPEN SECTIONS TO AS4791.
  - FERROUS HOLLOW SECTIONS TO AS4792.
- SW2. WHERE STANDARD IS REQUIRED FOR USE WITHIN MARINE ENVIRONMENT, THE FOLLOWING PROTECTION TREATMENT IS REQUIRED:
  - STEELWORK HOT DIP GALVANISING: 85 MICRONS (600g/m<sup>2</sup>) MIN;
  - SWEEP ABRASIVE BLAST;
  - STEELWORK FIRST COAT: EPOXY PRIMER 75 MICRONS MIN;
  - STEELWORK SECOND COAT: TWO PACK ACRYLIC OR POLYURETHANE GLOSS 75 MICRONS MIN;
- SW3. PAINT SYSTEMS TO BE IN ACCORDANCE WITH AS2312 AND IS DESIGNATED HDG600P6 AND HDG600P.
- SW4. ALL POSTS TO BE 50 NB (BLUE BAND) GALVANISED STEEL TUBE TO AS/NZ1163.
- SW5. RAILS TO BE 40 NB (BLUE BAND) GALVANISED STEEL TUBE TO AS/NZ1163.

- SW6. ANY GATE POSTS MUST BE 100 NB (BLUE BAND) GALVANISED STEEL TUBE.
- SW7. POSTS TO BE VERTICAL.
- SW8. S11 STANDARD COUPLINGS (MONOWILLS, SENTAUR JOINTS, KEE-KLAMP, SWAGED JOINTS OR SIMILAR) FOR POST TO RAIL CONNECTIONS MAY BE USED AS AN ALTERNATIVE TO WELDS WHERE APPROVED. 11° MAX REFLECTION FROM HORIZONTAL FOR STANDARD COUPLINGS. FOR ANGLES GREATER THAN 11°, SPECIALIST COUPLINGS MAY BE USED UPON APPROVAL FROM COUNCIL.

**FOOTINGS**

- FT1. AS DETAILED. CONCRETE TO BE N25, MAX AGGREGATE SIZE 20mm, MAX SLUMP 80mm.

**FIXINGS**

- FX1. STEP OVER RAILS TO BE FIXED WITH BOLTED BRACKET AND TAC-WELDED NUTS (TO ALLOW REPLACEMENT OF PLASTIC SLEEVE AS NECESSARY).

**FINISHES**

- FN1. ALL RAILS ARE SWAGED AND WELDED. SWAGES TO BE ON INSIDE OF FENCE AND NOT FACING PUBLIC ROADS, ETC).
- FN2. ALL JOINTS TO BE FULLY WELDED. WELDS TO BE 5 THICK C.F.W (CONTINUOUS FILLET WELDS) TO AS/NZS1554.1 WITH COLD GALVANISING TREATMENT TO COMPLETED WELDS.
- FN3. 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.
- FN4. GATE HINGES TO BE WELDED (NOT BOLTED BRACKETS).
- FN5. NO SHARP PROTRUSIONS OR UNPROTECTED RAIL ENDS WITHIN HORSE STILE STRUCTURE.

**RECYCLED PLASTIC MATERIAL NOTES**

- R1. PLASTIC SLEEVE ON STEP-OVER RAILS TO BE FREE MOVING.
- R2. SECTIONS TO BE FORMED FROM A SINGLE CONTINUOUSLY EXTRUDED PIECE.
- R3. MATERIAL TO BE UV STABILISED.
- R4. POROSITY TO A MAXIMUM OF 15% OF CROSS SECTION.
- R5. MAXIMUM VOID LENGTH 10% OF LARGEST CROSS SECTION.
- R6. SURFACE FINISH TO BE SMOOTH AND FREE OF ANY MAJOR VOIDS OR VISIBLE DEFECTS.
- R7. COLOUR TO BE CHOSEN FROM AVAILABLE SUPPLIER COLOURS, TYPICALLY GREEN.
- R8. MATERIAL TO HAVE FLAMMABILITY TESTING TO AS/ISO9239.1 AND/OR FIRE HAZARD RATING TO AS/NZS1530.3.
- R9. DEMONSTRATED CHEMICAL RESISTANCE.

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
B	Notes Numners Amended, AS/NZS Reference to Note FN2 Corrected	SEP '18	APR '19	APR '19
A	ORIGINAL ISSUE	DEC '14	DEC '14	DEC '14

DRAWING AUTHORISED FOR PUBLICATION			
DESIGN	CPO - P&D	DATE	DEC '14
DRAWN	CPO - P&D	DATE	DEC '14
CHECKED	BI - FSG - AS	DATE	DEC '14
DRAWING FILENAME	BSD-7071 (B) Entrance barrier - Natural area - Large horse stile - Sheet 1 of 2.dwg		
ASSOCIATED PLANS	BSD-7071-Sheet 2		



**BRISBANE CITY COUNCIL STANDARD DRAWING**

ENTRANCE BARRIER - NATURAL AREA - LARGE HORSE STILE - SHEET 1 OF 2

SCALE	AS SHOWN
DWG No.	BSD-7071
ORIGINAL SIZE	A3
REVISION	B