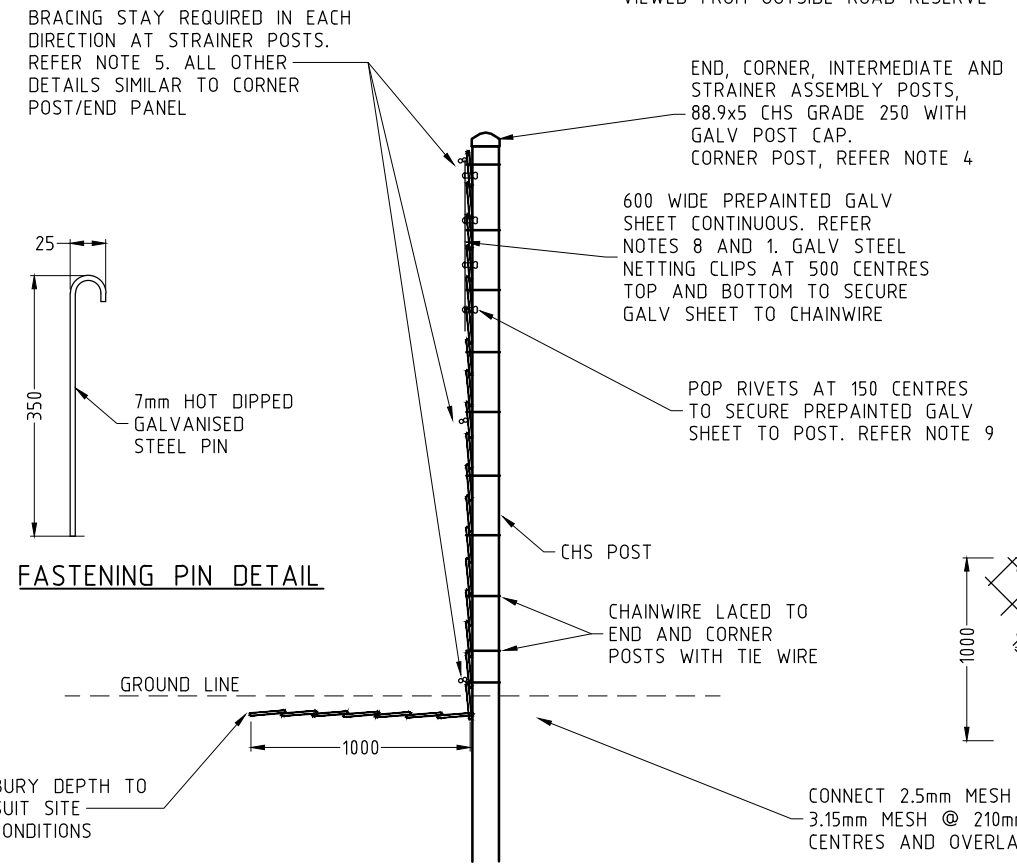


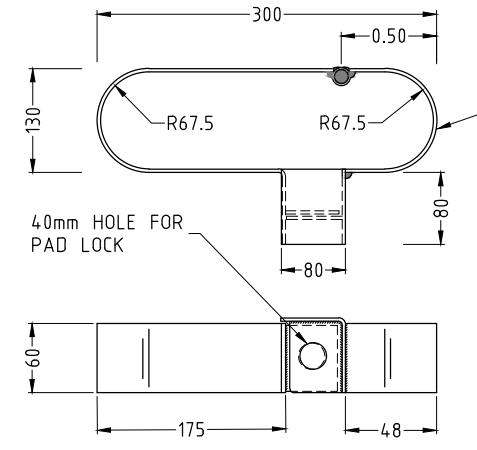
KOALA PROOF FENCE - TYPICAL ARRANGEMENT
VIEWED FROM OUTSIDE ROAD RESERVE

TYPICAL INTERMEDIATE STRAINER POST ASSEMBLY
VIEWED FROM OUTSIDE ROAD RESERVE

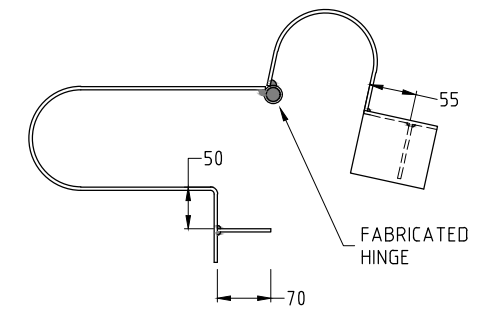
KOALA PROOF FENCE AT GATES
VIEWED FROM OUTSIDE ROAD RESERVE



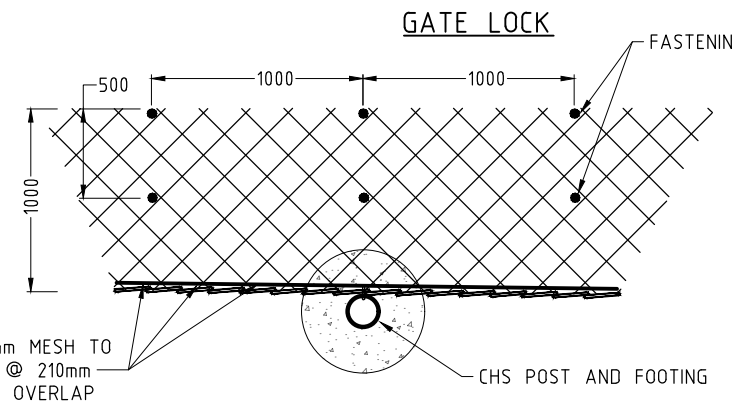
FASTENING PIN DETAIL



GATE LOCK



LOCK IN OPEN POSITION



GROUND MESH FIXING DETAIL PLAN VIEW

GROUND MESH FIXING DETAIL ELEVATION VIEW

NOTES:

1. WIND DESIGN LOADS SHALL COMPLY WITH AS/NZS1170.2. DESIGN ULTIMATE WIND LOAD $V=51\text{m/s}$
2. CONCRETE STRENGTH N32/20
3. REINFORCING STEEL SHALL BE IN ACCORDANCE WITH AS/NZS4671
4. CHS SHALL BE GRADE C350, OR AS NOTED ON THE DRAWING, TO AS1163. FLAT BAR SHALL BE GRADE 300 TO AS/NZS 3679.1. GALVANISED FENCE WIRE, TIE/LACING WIRE AND GALVANISED CHAINWIRE SHALL CONFORM TO AS2423. ALL BOLTS, WASHERS AND NUTS SHALL BE HOT DIPPED GALVANISED TO AS1214. ALL OTHER STEEL WORK SHALL BE HOT DIPPED GALVANISED TO AS/NZS4680. PRIOR TO GALVANISING, ALL WELD SPLATTER AND WELDING SLAG SHALL BE REMOVED
5. WELDING SYMBOLS TO AS1101.3. ALL WELDING SHALL BE TO AS/NZS1554.1. ALL WELDS, EXCEPT LOCATION TACK WELDS, SHALL BE "SP" CATEGORY. WELDING CONSUMABLES SHALL BE CONTROLLED HYDROGEN TYPE G493 TO AS/NZS ISO 14341-B OR T493 TO AS/NZS ISO 17632-B.
6. PREFINISHED / PREPAINTED GALVANISED STEEL SHEET SHALL BE 0.4mm BMT TO AS2728.
7. POP RIVETS WITH ALUMINIUM SHELL, STEEL STEM (LARGE FLANGED) MAXIMUM GRIP 9.5mm, DRILL BIT No. 11 (4.9mm), SHALL BE USED
8. ALL DIMENSIONS ARE IN MILLIMETRES

KOALA PROOF FENCE

1. PREFINISHED / PREPAINTED GALVANISED STEEL SHEET SHALL BE COLOURED ON BOTH SIDES. THE NOMINATED COLOUR SHALL BE "COTTAGE GREEN".
2. SELVEDGE: BARBED SELVEDGES SHALL BE USED AT TOP EXCEPT ON GATES WHERE KNUCKLE SELVEDGES ARE USED TOP AND BOTTOM
3. TIE / LACING WIRE SHALL BE GREEN PVC COATED GALVANISED WIRE UNLESS SPECIFIED OTHERWISE
4. CORNER POSTS SHALL BE ADOPTED WHERE THE CHANGE IN ANGLE IN HORIZONTAL ALIGNMENT EXCEEDS 20 DEGREES
5. STRAINER POSTS: PROVIDE BRACING STAYS IN EACH DIRECTION AT STRAINER POSTS BETWEEN 2 INTERMEDIATE PANELS AT 150 INTERVALS ON STRAIGHT LENGTHS OF FENCE.
6. FENCE INSTALLATION REQUIREMENTS: CHAIN WIRE AND PREPAINTED GALVANISED STEEL SHEETS SHALL BE LOCATED ON THE OPPOSITE SIDE OF POSTS TO THE ROADWAY TO PREVENT KOALAS CLIMBING THE CHS POSTS, STAYS AND BRACING.
7. MINIMUM 2.5m CLEARANCE ON EITHER SIDE OF FENCE TO ALLOW VEHICLE ACCESS AND MAINTENANCE (INCLUDES RESTORATION)
8. PEDESTRIAN GATES TO BE BUILT TO SAME DESIGN AND STANDARD WITH WIDTH DIMENSION TO SUIT LOCATION

ISSUE	AMENDMENT DETAILS	DRAWN	CHECK	DATE	# USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
D	REDRAWN	J.M.M.		04.2021	
C	AMENDMENT TO POST DETAIL	A.D.		01.2013	
B	REPLACES "FLOPPY TOP FAUNA FENCE"	A.D.		10.2012	
A	ORIGINAL ISSUE	G.P.C.		10.2009	

DESIGN UNIT

COUNCIL OFFICES
TUMBULGUM ROAD,
MURWILLUMBAH NSW 2484.

PHONE 02 66702400
FAX 02 66727513
WEBSITE www.tweed.nsw.gov.au



DESIGN ENGINEER	DATE
J.M.M.	20.04.21
J.M.M.	20.04.21
W.A.B.	20.04.21
HORIZONTAL DATUM	MGA
VERTICAL DATUM	AHD
	NORTHING
	R.L.

PROJECT: ROADWORKS STANDARDS

PLAN TITLE: FAUNA FENCE AND GATE

DRAWING NUMBER: S.D.019

APRIL 2021