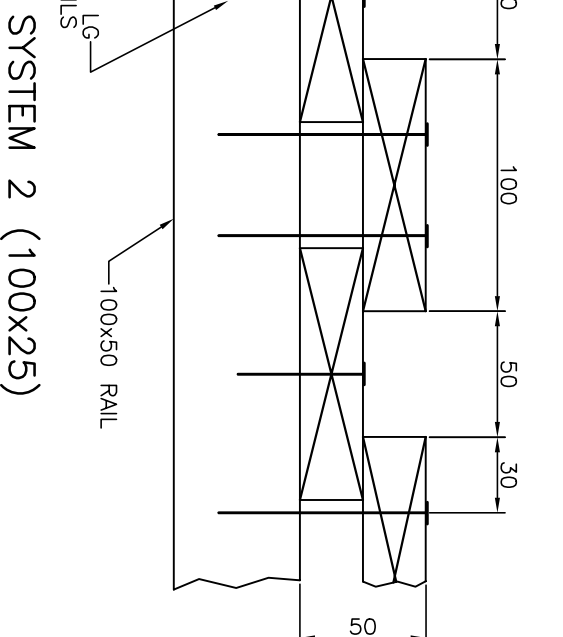
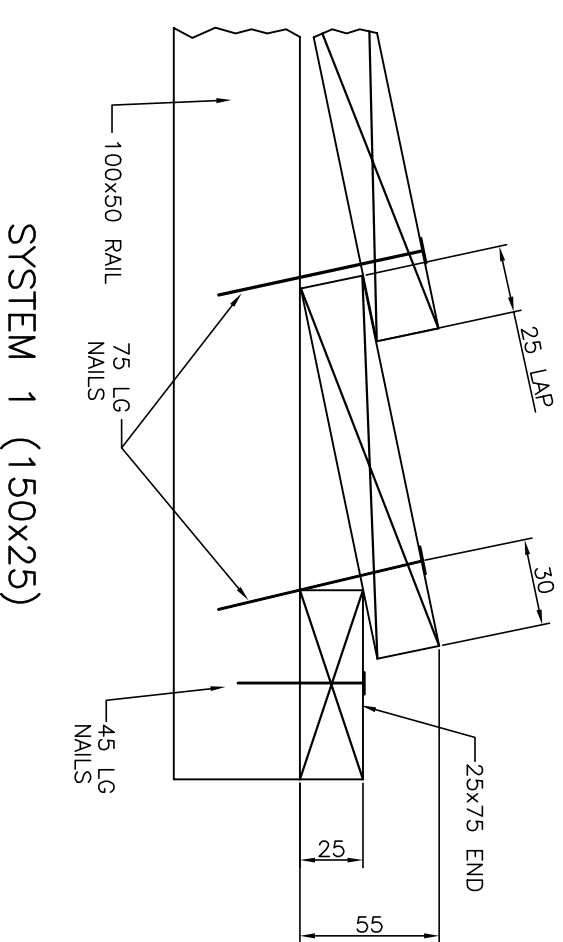


ELEVATION

SECTION

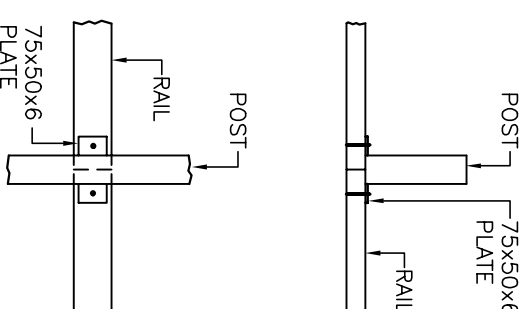


SYSTEM 1 (150x25)

SYSTEM 2 (100x25)

TREATED PINE PALING

FOOTING DEPTH	
SOIL TYPE	FOOTING DEPTH
SOFT CLAY (Cu = 25 kPa)	1600
FIRM CLAY (Cu = 50 kPa)	1300
STIFF CLAY (Cu = 100 kPa)	1100
MEDIUM DENSE NON-COHESIVE SOIL	1200



POST & RAIL CONNECTION

NOTES:

- THIS DRAWING DEPICTS A TYPICAL 2000 HIGH ACOUSTIC BARRIER AND DOES NOT NECESSARILY REPRESENT A NOISE ATTENUATION SOLUTION FOR ALL DEVELOPMENTS. NOISE ATTENUATION SOLUTION FOR EACH DEVELOPMENT IS SITE SPECIFIC AND SHALL BE ADDRESSED IN ACCORDANCE WITH THE "NOISE IMPACT ASSESSMENT PLANNING SCHEME POLICY" OF THE BRISBANE CITY PLAN.
- MAXIMUM PERMISSIBLE STRESS DESIGN WIND VELOCITY IS 33m/s (W33) WHICH CORRESPONDS TO A SUBURBAN ENVIRONMENT WITH NO EXPOSURE TO OPEN AREAS AND NOT LOCATED IN CLOSE PROXIMITY TO HILLS, RIDGES OR ESCARPMENTS, AS THE NATURAL SURFACE 2m EITHER SIDE OF THE FENCE IS ASSUMED FLAT FOR DESIGN OF FOOTING. IF THESE CONDITIONS ARE NOT MET AN ALTERNATIVE CERTIFIED ENGINEERING DESIGN MUST BE SUBMITTED FOR APPROVAL.
- FOR NEW SUBDIVISIONS/DEVELOPMENTS, THE ENTIRE FENCE SHALL BE CONTAINED WITHIN THE PRIVATE PROPERTY AND MAINTAINED BY THE PROPERTY OWNER.
- ALL PALINGS, RAILS AND PLINTH SHALL BE C.C.A TREATED PINE TO H5 LEVEL IN ACCORDANCE WITH AS 1604.
- ALL FIXINGS SHALL BE HOT-DIP GALVANISED OR EQUIVALENT.
- CAPPING: COLOURBOND METAL, 30 DEEP WITH OVERFOLDED EDGES FIX WITH No.10 x 12 LONG GALV. TYPE 17 SCREWS AT 300 CRS AND STAGGERED EACH SIDE. CAPPING TO FIT SNUGLY OVER PALINGS.
- PALINGS: F5 TREATED PINE. REFER PALING DETAILS FOR SIZES. NAILS SHALL BE 2.8Ø HOT-DIP GALVANISED FLAT HEAD CLOUDS (OR SIMILAR GUN-DRIVEN NAILS). STAGGER NAIL PATTERN ALONG LENGTH OF PALING TO AVOID SPLITTING AND DRIVE NAILS SQUARE TO FACE OF BOARD. RING SHANK NAILS TO BE USED.
- RAILS: 100 x 50 F5 TREATED PINE. FIX WITH No.14-10 x 50 GALVANISED HEX HD TYPE 17 SCREW.
- POSTS: 125 x 75 x 4 R.H.S. HOT-DIP GALVANISED AFTER FABRICATION.
- PLINTH: 200 x 50 F5 TREATED PINE (NON FIXED).
- DIMENSIONS IN MILLIMETRES (UNO).

BRISBANE CITY COUNCIL - URBAN MANAGEMENT DIVISION

NOISE BARRIER FENCE
POST AND PALING
2.0m HIGH

SCALE	NOT TO SCALE
DWG NO.	UMS 245
ORIGINAL SIZE	A3
REVISION	A

ISSUE	AMENDMENT	DATE	APPRD DATE
A	ORIGINAL ISSUE	April '01	June '01
		May '01	

DESIGN AUTHORIZED FOR ISSUE	B. BALL SIGNATURE ON ORIGINAL	DATED 29/6/01
DESIGN APPROVED	B. HANSEN SIGNATURE ON ORIGINAL	DATED 27/6/01
MANAGER ASSET SUPPORT - R.P.E.G. 3, 8, 5, 2		
PRINCIPAL ASSET OFFICER ROADS & DRAINAGE		
DESIGN	STD DWG GROUP	DATE
DRAWN	CITY DESIGN	DATE
CHECKED	M. STEER	DATE
DRAWING FILENAME	UMS 245	
ASSOCIATED PLANS	SUPERSIDES WS 19-1	

