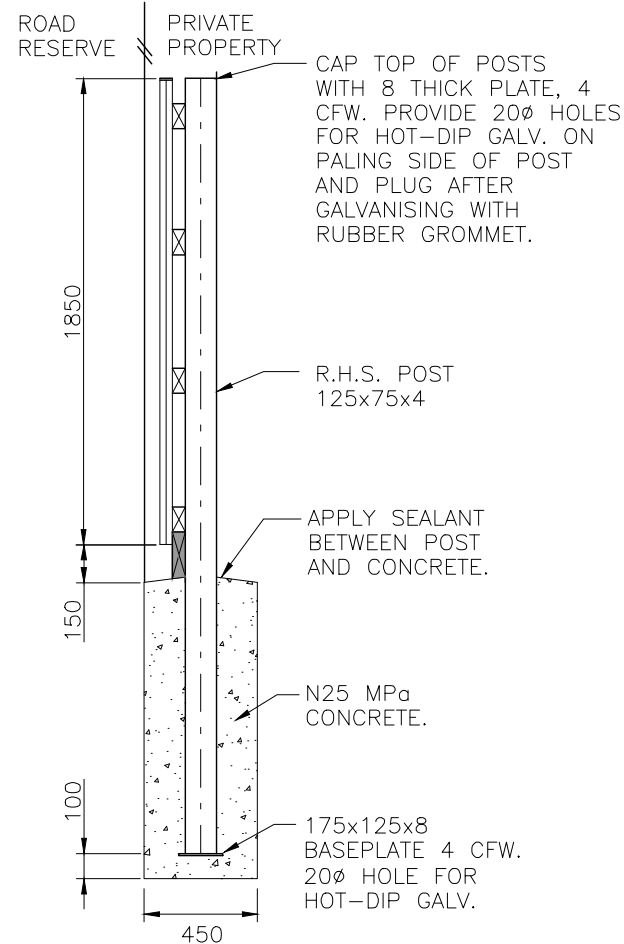
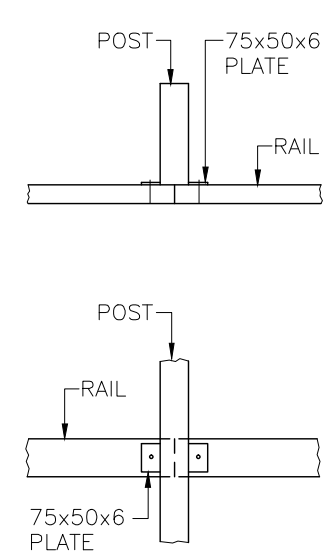


ELEVATION



SECTION

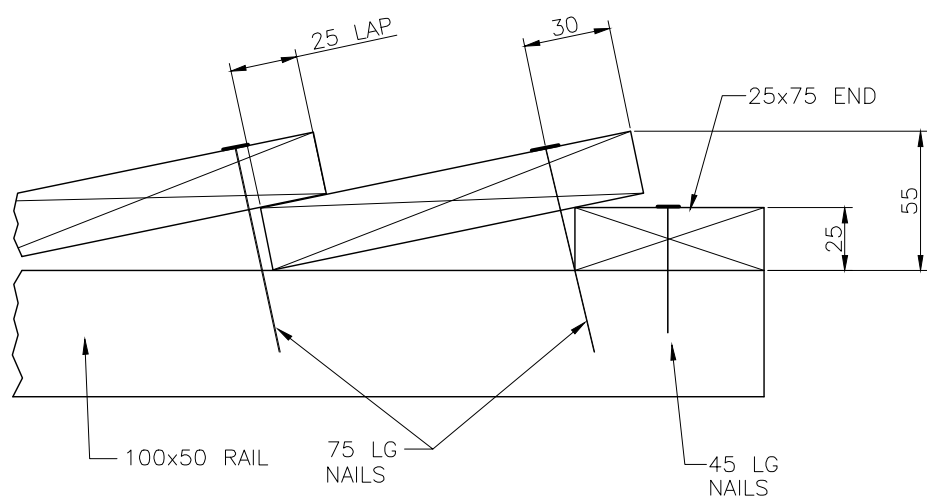


POST & RAIL CONNECTION

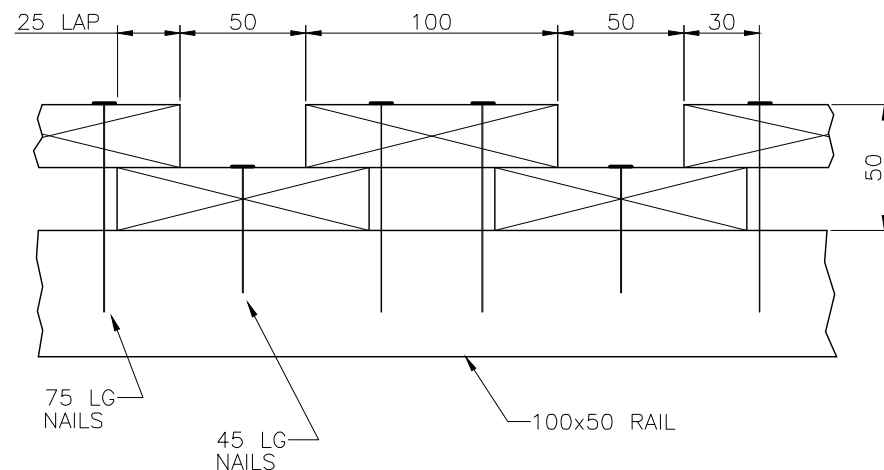
| FOOTING DEPTH | |
|--------------------------------|---------------|
| SOIL TYPE | FOOTING DEPTH |
| SOFT CLAY (Cu = 25 kPa) | 1600 |
| FIRM CLAY (Cu = 50 kPa) | 1300 |
| STIFF CLAY (Cu = 100 kPa) | 1100 |
| MEDIUM DENSE NON-COHESIVE SOIL | 1200 |

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 CLOUTS (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).



SYSTEM 1 (150x25)



SYSTEM 2 (100x25)

TREATED PINE PALING

| ISSUE | AMENDMENT | DRAWN DATE | CHK'D DATE | APPR'D DATE |
|-------|--|------------|------------|-------------|
| B | Drawing Title Amended | FEB '16 | JUL '16 | JUL '16 |
| A | Drawing Converted from UMS Series April 2014 | APR '14 | APR '14 | APR '14 |

| | | | |
|--|--|------|-----------|
| DRAWING AUTHORISED FOR PUBLICATION B.BALL SIGNATURE ON ORIGINAL DATED 29/06/01 R.P.E.Q 3852 | | | |
| DESIGN | Std Dwgs Group | DATE | APRIL '01 |
| DRAWN | CITY DESIGN | DATE | APRIL '01 |
| CHECKED | M. STEER | DATE | MAY '01 |
| DRAWING FILENAME | BSD-7021 (B) Noise barrier fence 2.0m high - Post and paling.dwg | | |
| ASSOCIATED PLANS | SUPERSEDES UMS-245 | | |
| ASSET ENGINEERING MANAGER STRATEGIC ASSET MANAGEMENT DESIGN APPROVED B.HANSEN SIGNATURE ON ORIGINAL DATED 27/06/01 | | | |
| PRINCIPAL ASSET OFFICER ROADS & DRAINAGE | | | |



| | |
|---|--------------|
| BRISBANE CITY COUNCIL STANDARD DRAWING | |
| NOISE BARRIER FENCE 2.0m HIGH POST AND PALING | |
| SCALE | NOT TO SCALE |
| DWG No. | BSD-7021 |
| ORIGINAL SIZE | A3 |
| REVISION | B |