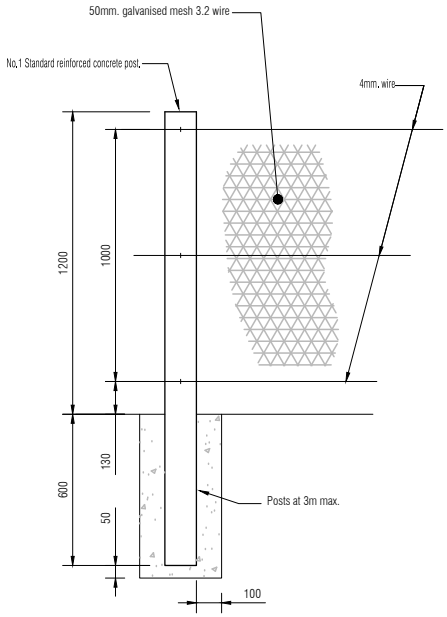
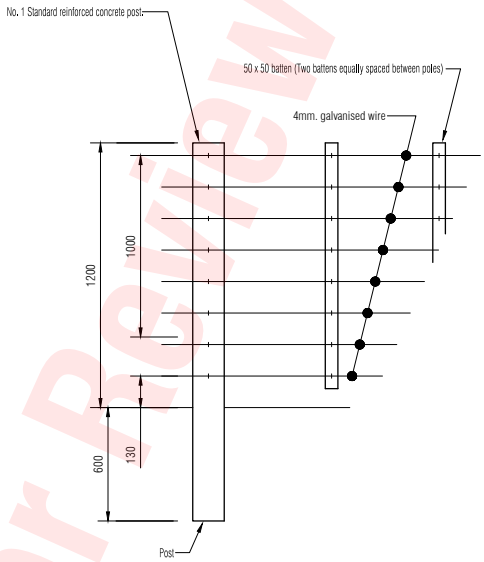
Fences drawing index

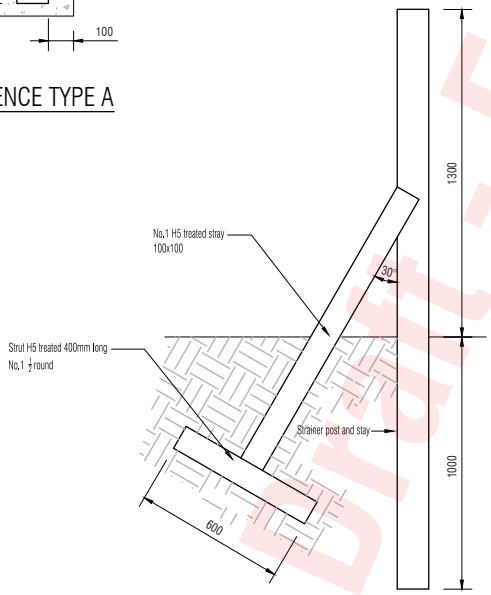
SED_NO	Title
FE0000	Fences drawing index
FE0001	Fence type A and B
FE0002	Fence type C
FE0003	Fence type E
FE0004	Fence type F part one of three
FE0005	Fence type F part two of three
FE0006	Fence type F part three of three
FE0007	Typical picket fence detail
FE0008	Typical wire fence detail A
FE0009	Typical wire fence detail B
FE0010	Handrail type A & B
FE0011	Access barrier chain
FE0012	Wooden bollard & chain fence details



WIRE FENCE TYPE A



WIRE FENCE TYPE B

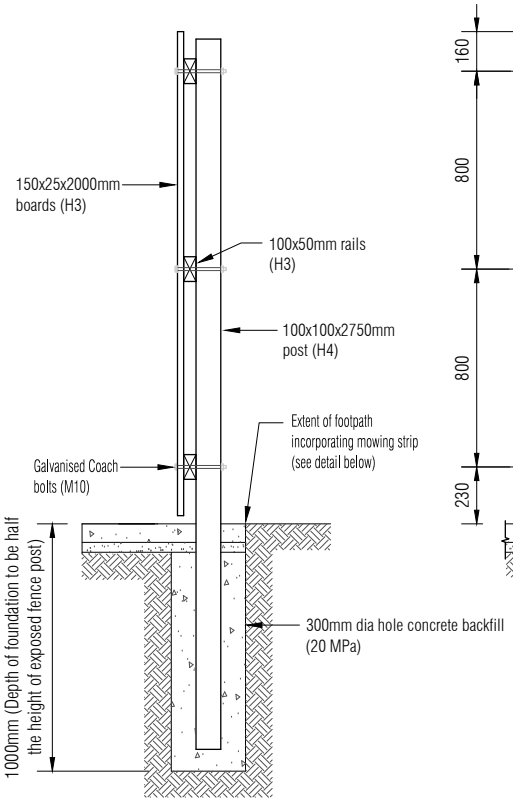


STRAINER POST AND STAY TYPICAL DETAIL

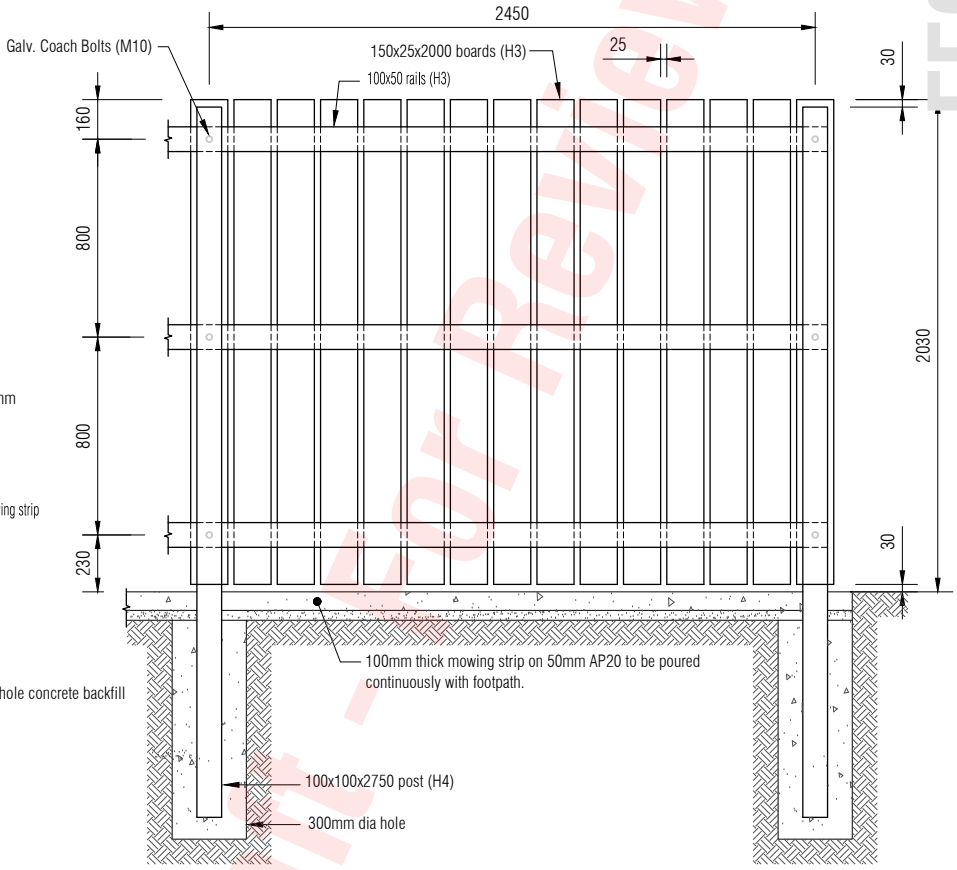
NOTES

1. Timber must be H4 treated (battens).
2. Battens must be equally spaced between posts.
3. Posts to be reinforced concrete (20 MPa) or H5 treated timber.
4. Concrete for post foundations to be 20 MPa.
5. Final tension of all free wires too be 1.1 kN.
6. All cut ends of timber treated with end grain wood preservation for high pressure preservative treated timber.

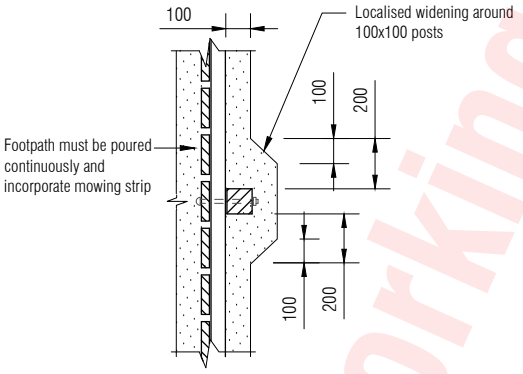
Note:
Fence Type C footing concrete strength min 20 MPa.



SIDE ELEV. TYPE C



ELEVATION FENCE TYPE C



MOWING STRIP DETAIL

NOTES

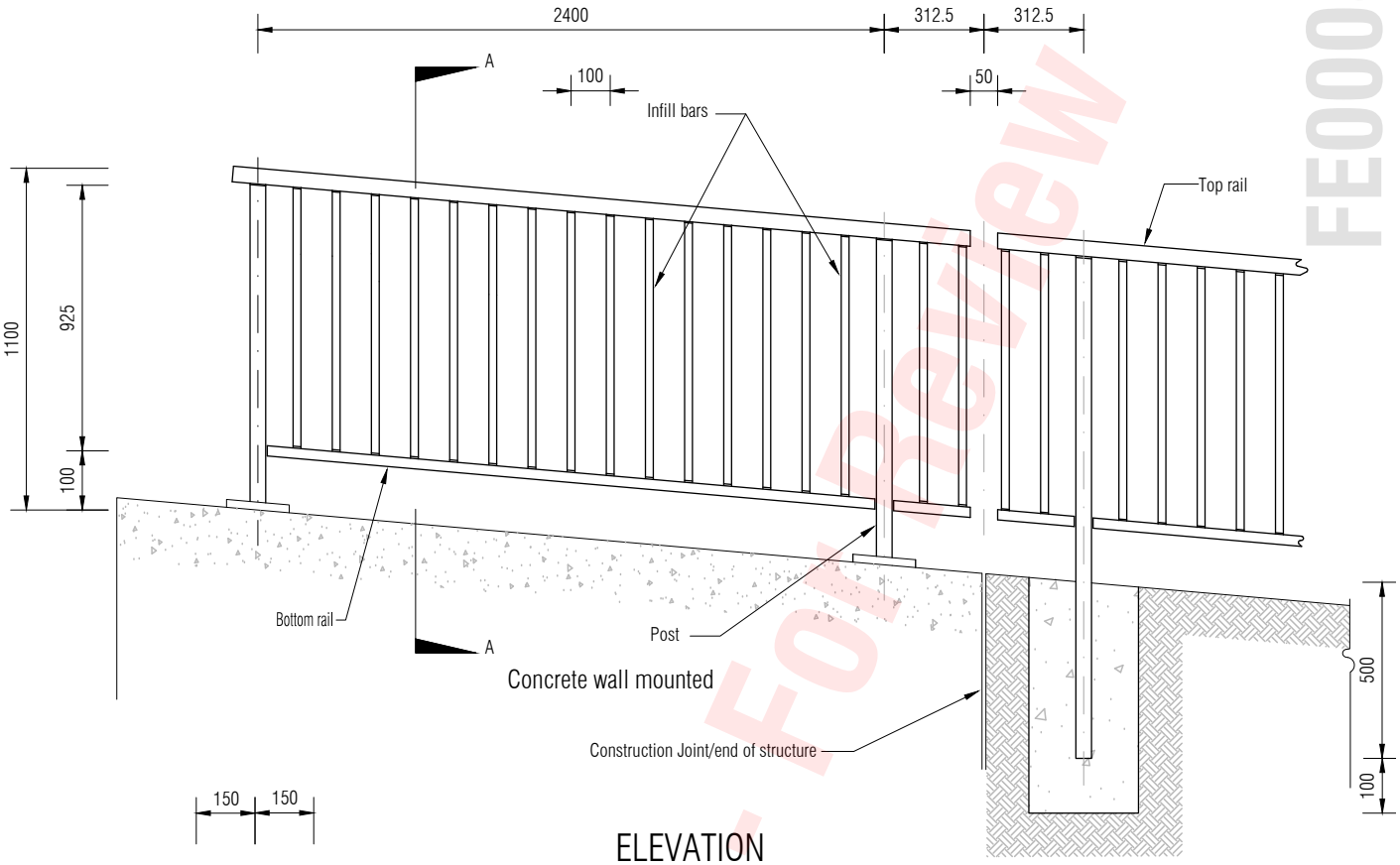
1. Fence palings must be faced to the road reserve.

Review 1
DATE: February 14, 2020

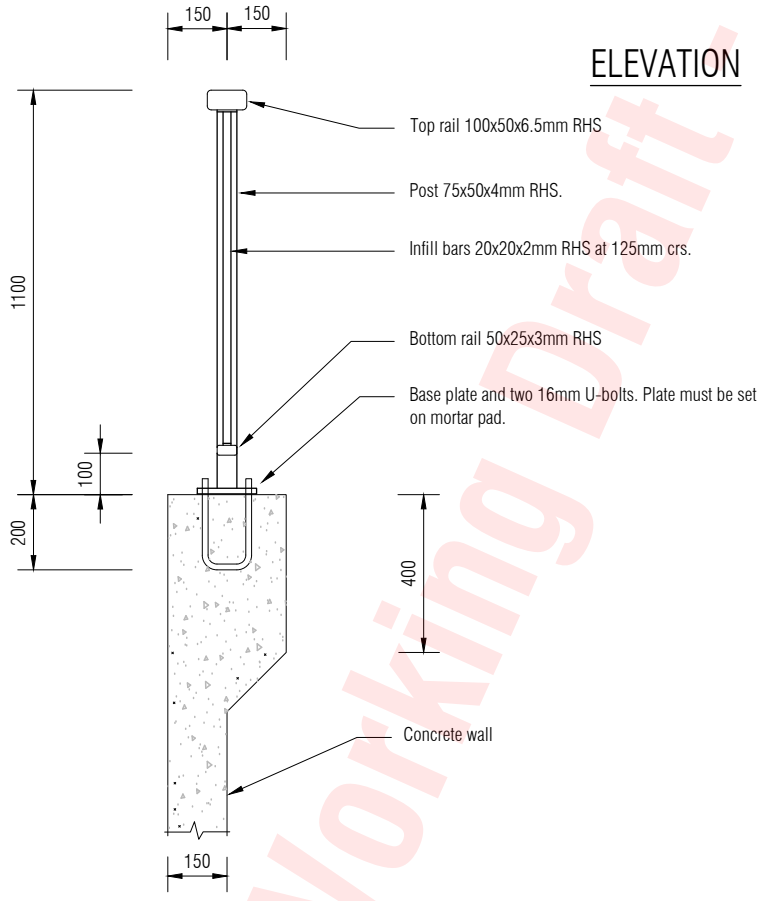
TDM TECHNICAL STANDARDS

Fence type C

Date: Document in Review
SED No. FE0002
Version A



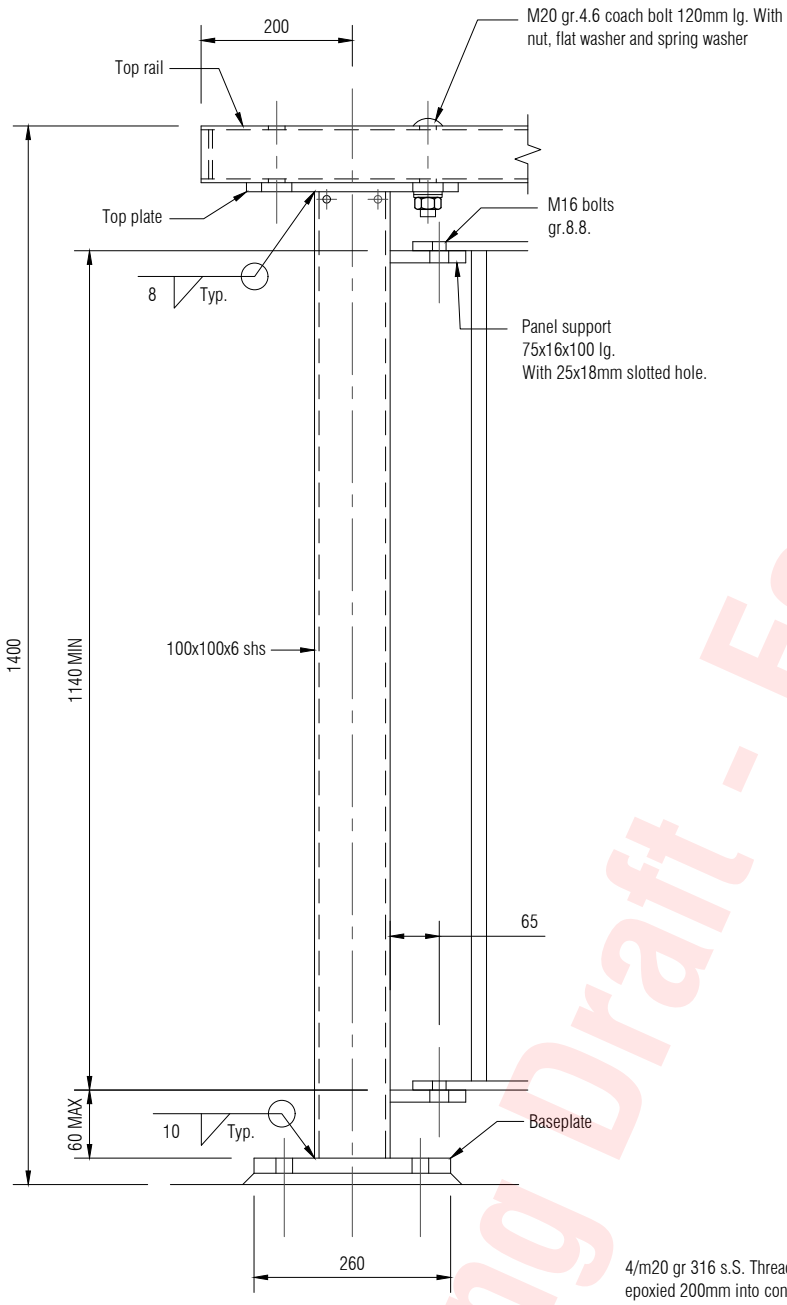
ELEVATION



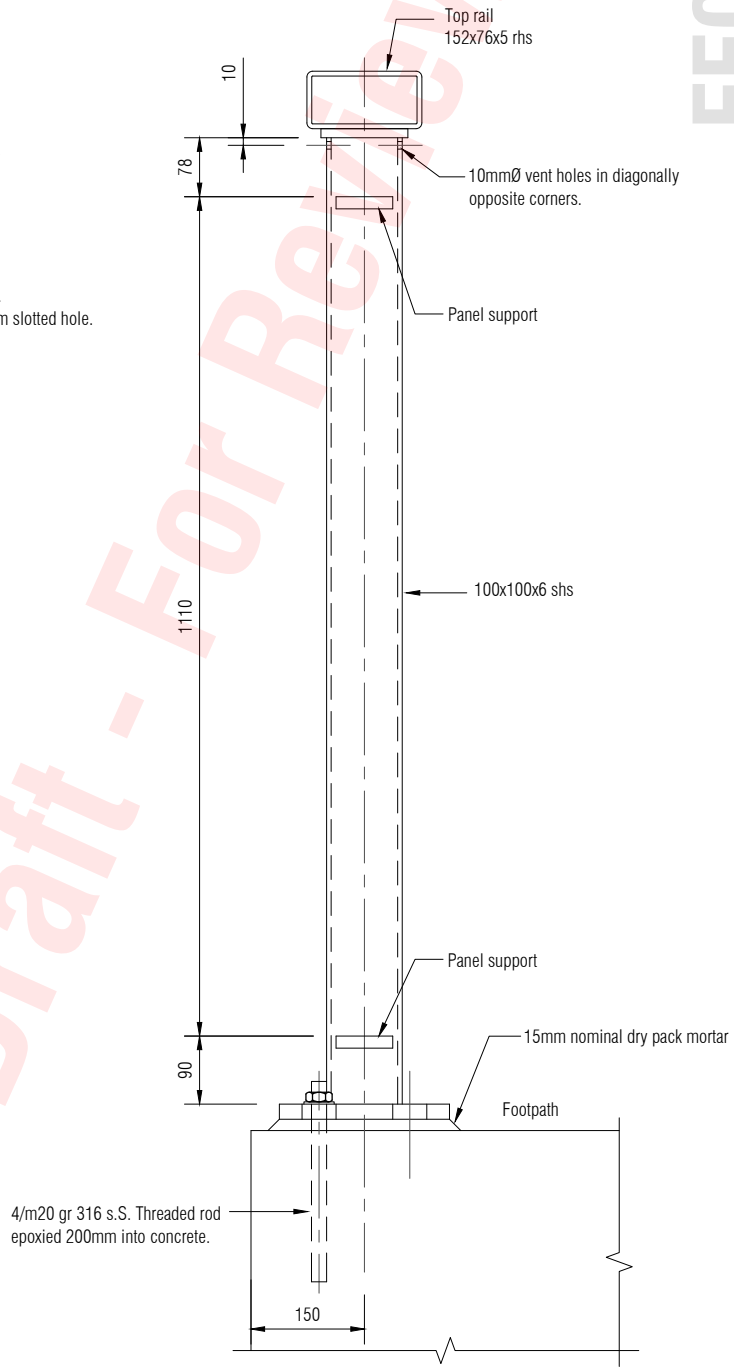
SECTION A-A

NOTES

1. All posts and bars must be vertical.
2. All fillet welds must be 5mm.
3. All splices in top and bottom must be sleeved.
4. All butt welds must be full depth and ground flush. Assembly must be hot dip galvanised before erection.



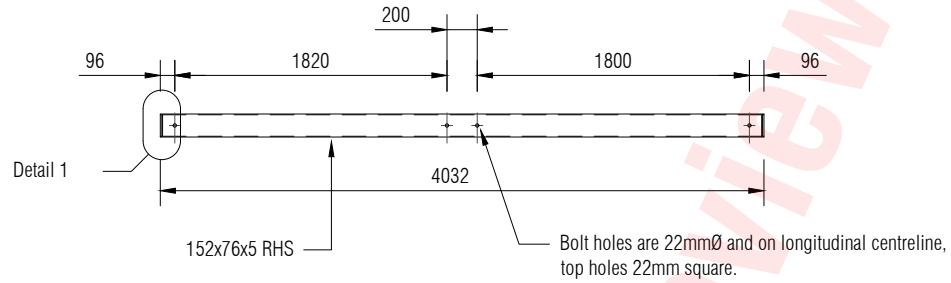
HANDRAIL POST



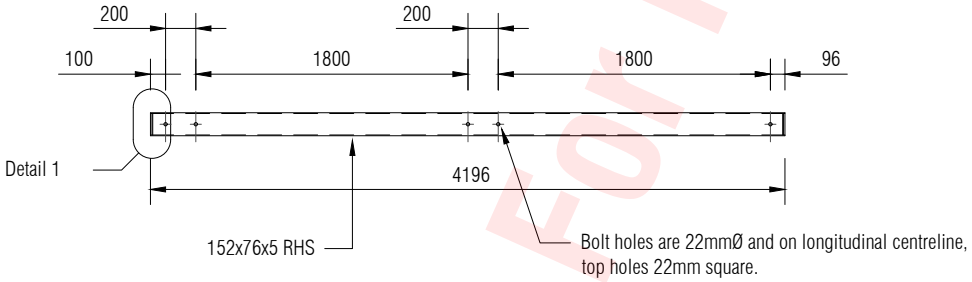
SIDE ELEVATION

NOTES

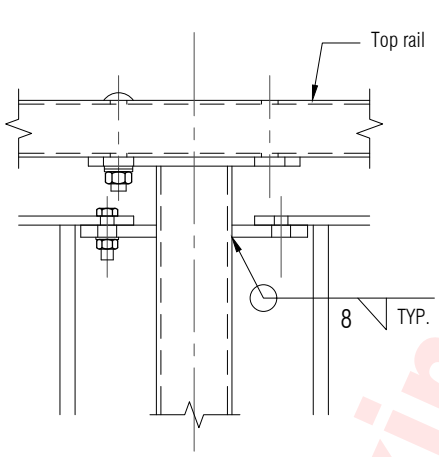
1. All steel components must be hot dip galvanised after fabrication in accordance with AS/NZS4680.



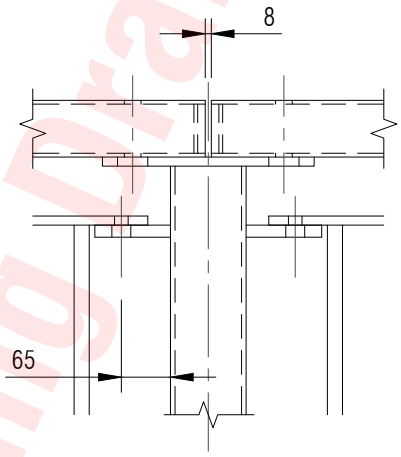
PLAN - TOP RAIL



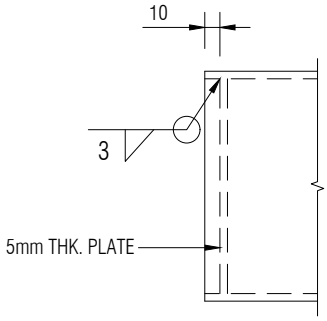
PLAN - END TOP RAIL



TOPRAIL CONTINUOUS



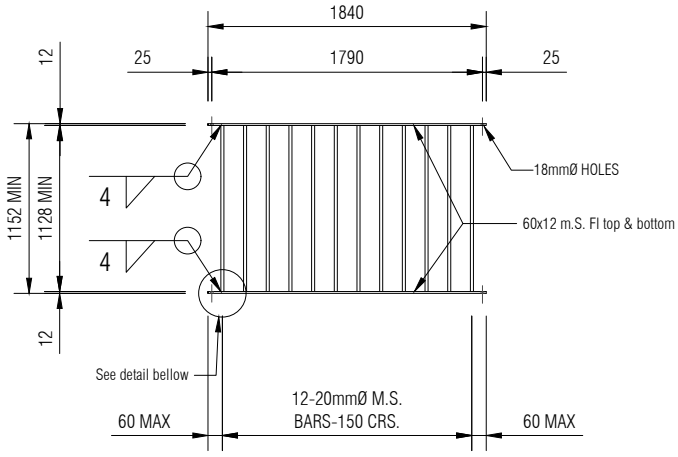
TOPRAIL JOINT



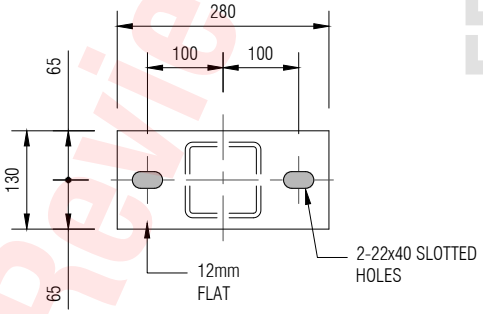
DETAIL 1

NOTES

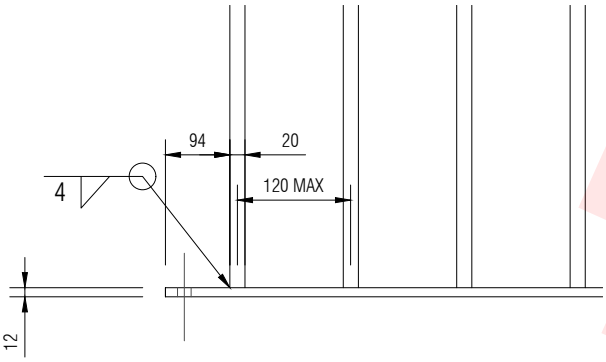
1. All steel components must be hot dip galvanised after fabrication accordance with AS/NZS4680.



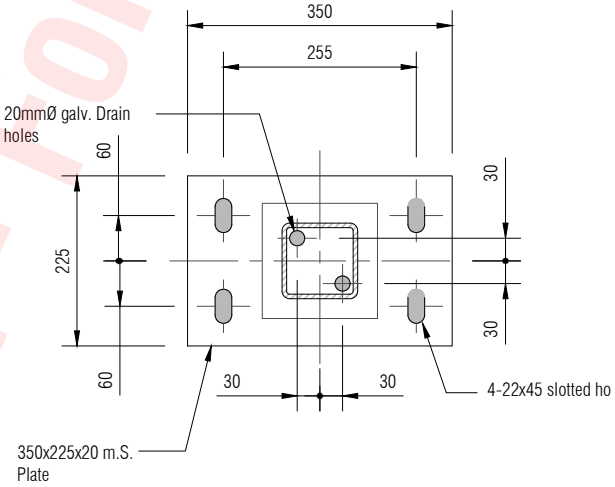
PANEL Mk 1 DETAILS



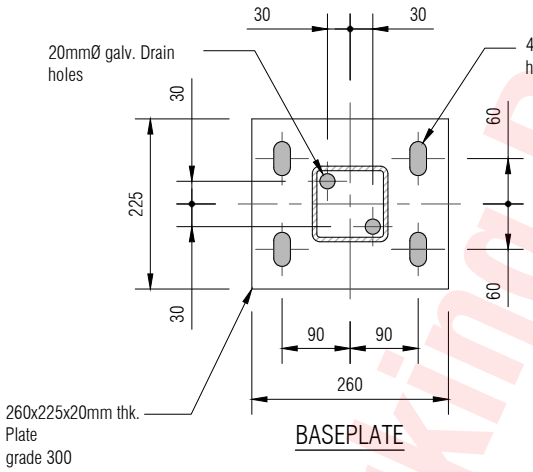
TOP PLATES



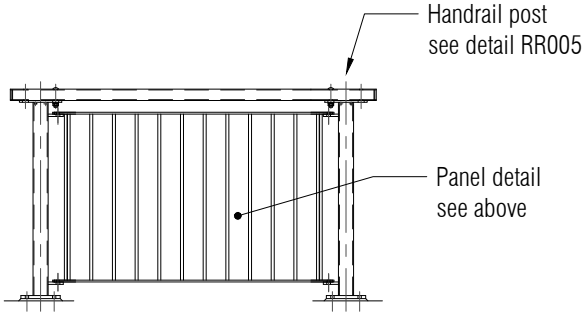
PANEL Mk 1 RAIL DETAIL



END POST BASEPLATE



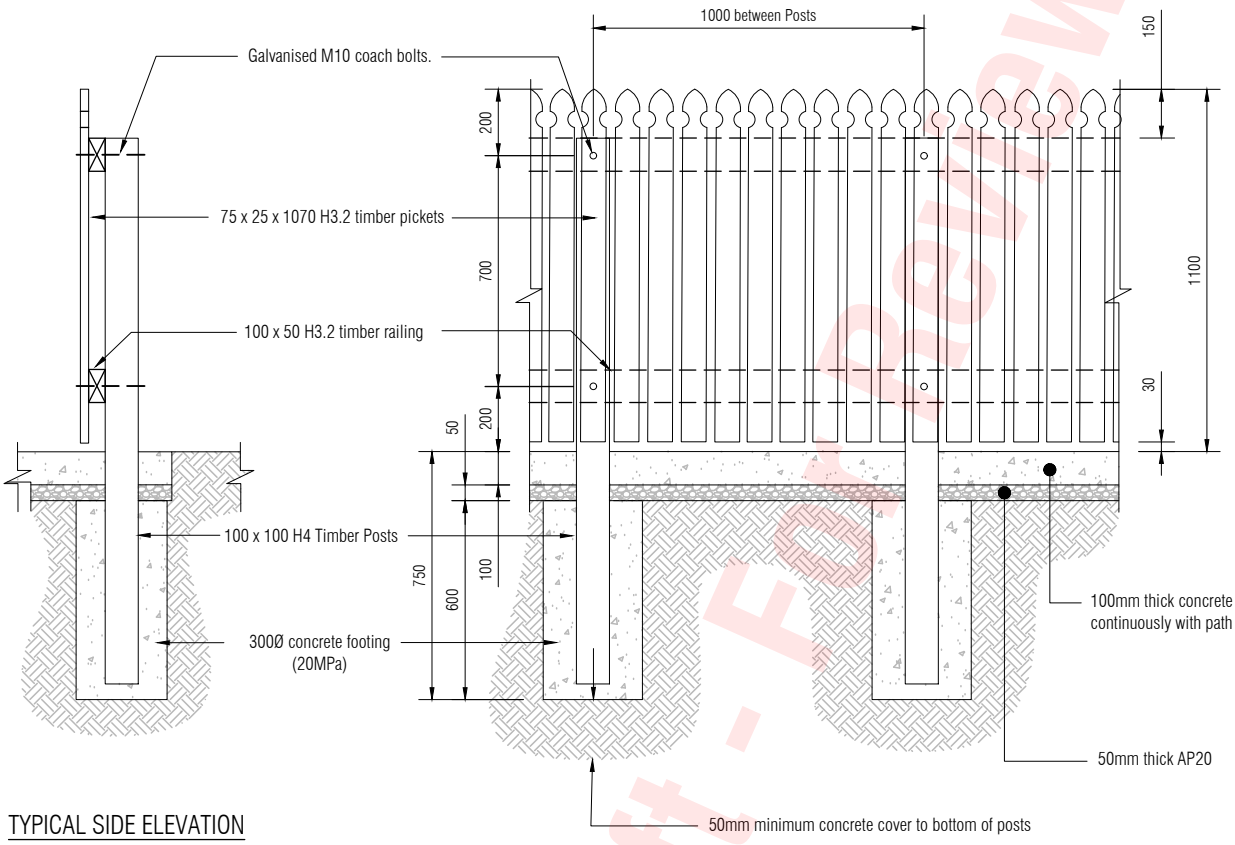
BASEPLATE



ASSEMBLED FENCE

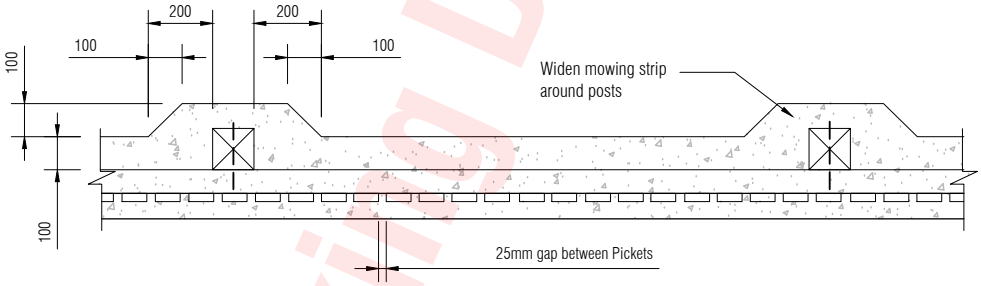
NOTES

1. All steel components must be hot dip galvanised after fabrication in accordance with AS/NZS4680.



TYPICAL SIDE ELEVATION

TYPICAL FRONT ELEVATION



TYPICAL PLAN

NOTES

1. All timber must be retention tanalised pine and dressed both sides.
2. All timbers to be primed before painting
3. All timbers to be painted with appropriate external paint.

Review 1

DATE: February 14, 2020

TDM TECHNICAL STANDARDS

Typical picket fence detail

Date: Document in Review

SED No. FE0007

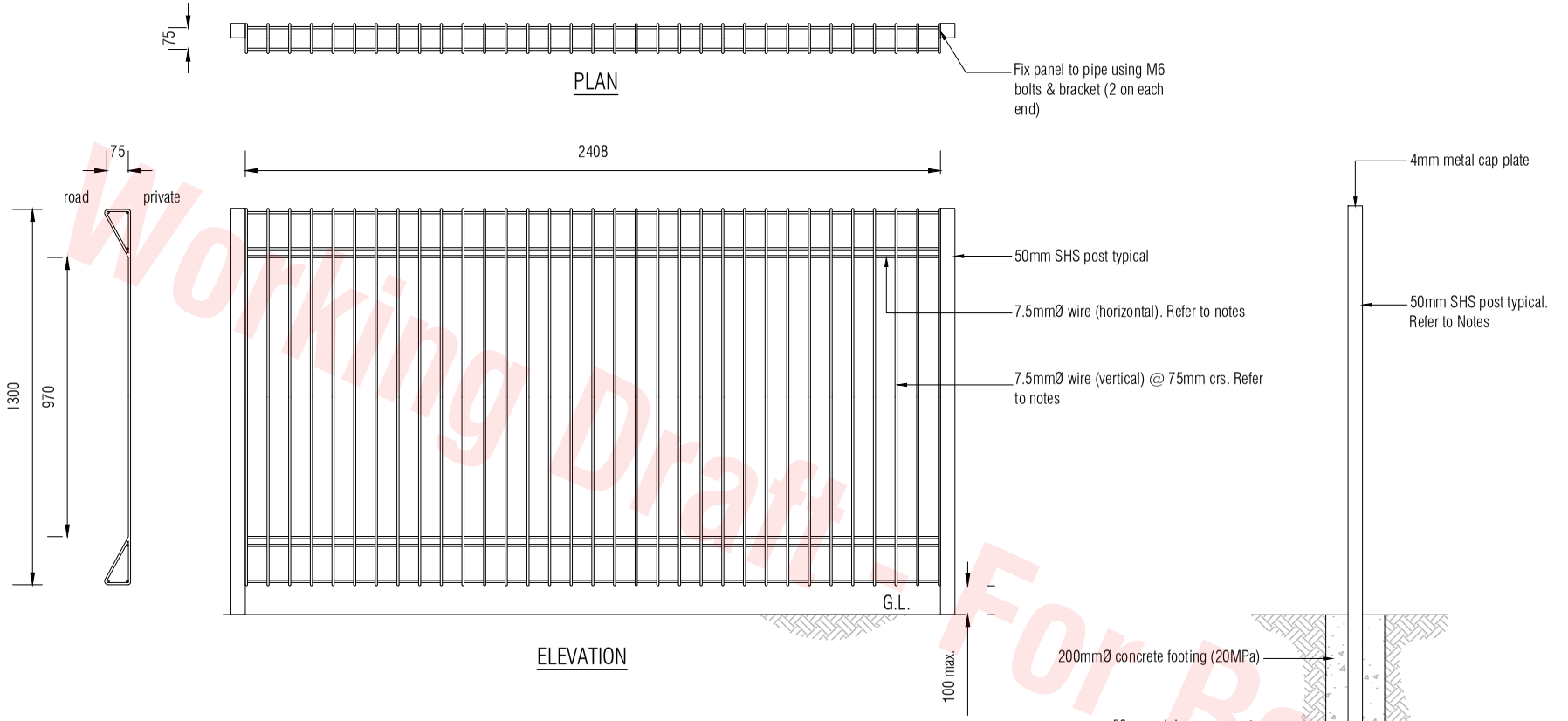
Version A

Review 1

DATE: February 14, 2020

TDM TECHNICAL STANDARDS

Typical wire fence detail A



NOTES

1. Fence panels must be hot dip galvanised and powder coated 'Karaka Green' or as approved by the relevant AT Engineer.
2. Fence panels must not have more than 100mm gap from ground level to installed panel.
3. Posts must be 50mmØ hot dip galvanised pipe and powder coated 'Karaka Green' or as approved by the relevant AT Engineer.
4. Posts must be installed vertical.
5. Sharp edges of the panel are to be rounded off before galvanising.
6. Tolerances on overall dimensions of the finished panel to be 25mm and bars to be placed within 2mm of their true location.

Date: Document in Review

SED No. FE0008

Version A

Review 1

DATE: February 14, 2020

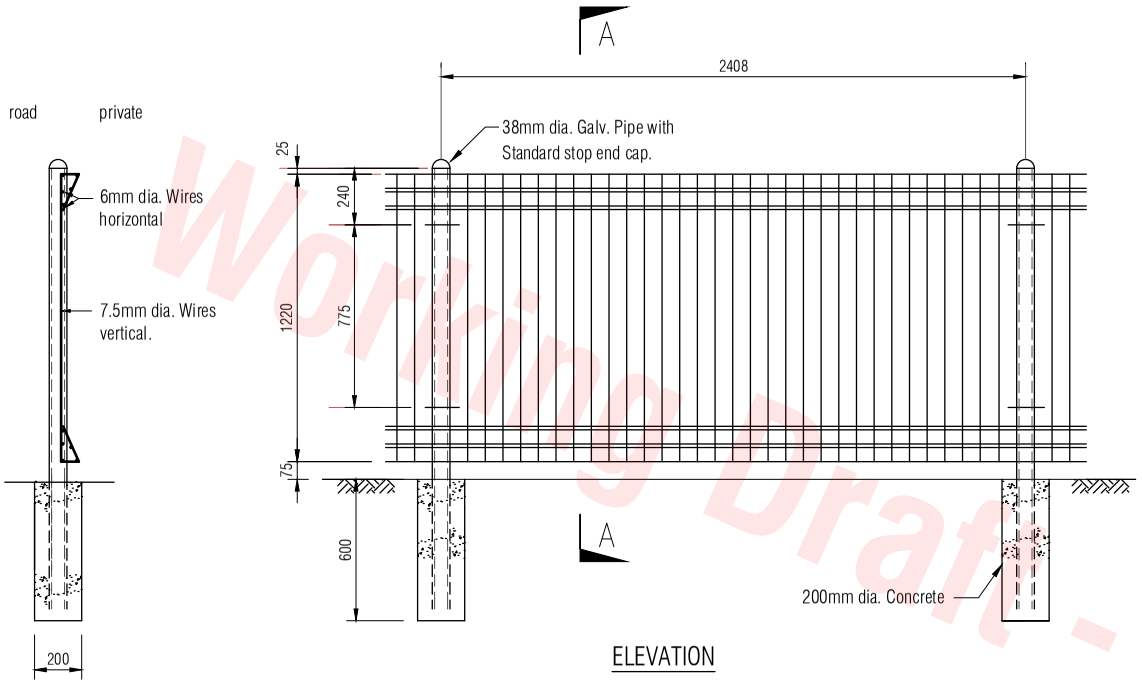
TDM TECHNICAL STANDARDS

Typical wire fence detail B

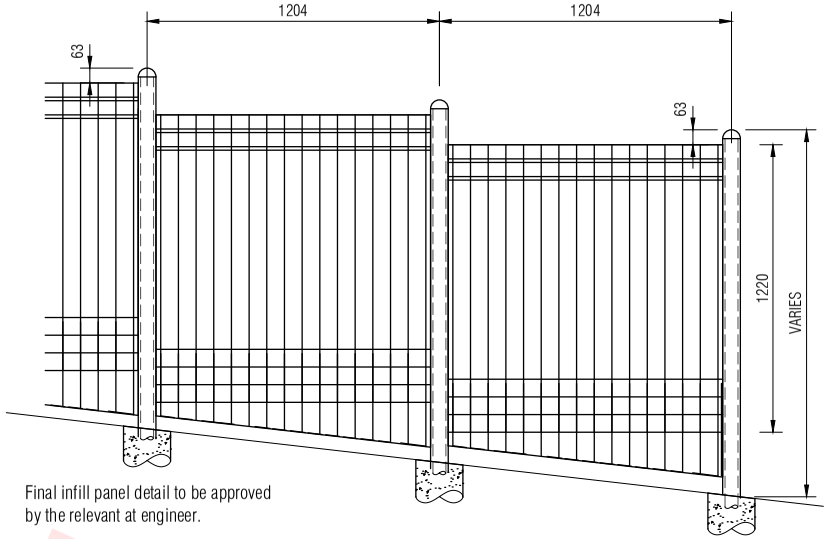
SED No. FE0009

Version A

Date: Document in Review



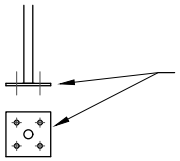
ELEVATION



FENCE OVER STEEP SECTIONS

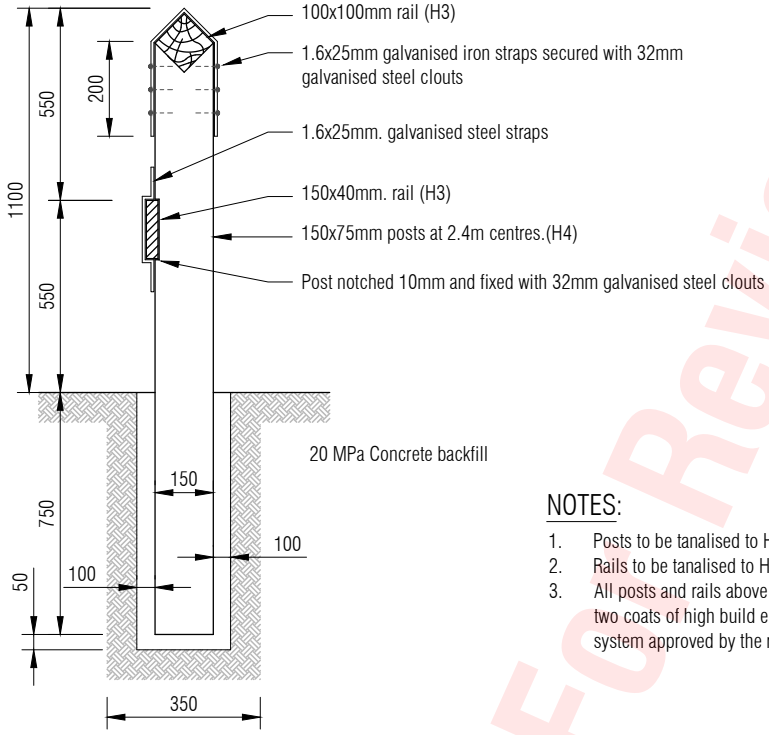
NOTES

1. Steel to be high tensile with ultimate Strength of 600-800n/mm .
2. The rods are to be electrically welded to Comply with nzs 3422.
3. Tolerances on overall dimensions of the Finished panel to be 25mm and bars to be Placed within 2mm of their true location.
4. Folded panels to be galvanised to Specification ces 306:1992.
5. Sharp edges of the panel are to be rounded Off before galvanising.



Alternate Fixing
Post bolted to concrete work, wall, nib, etc.

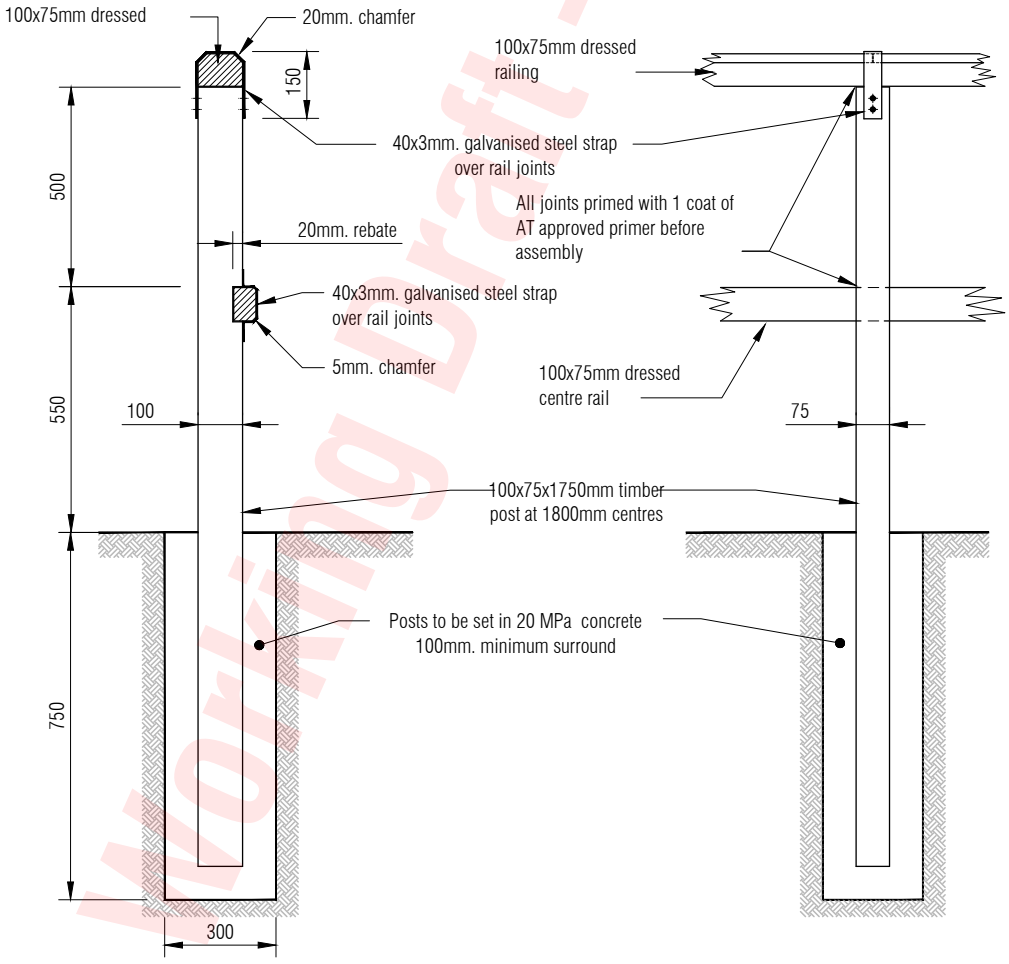
190x190x10mm plate welded to base of galvanised pipe.
Fixed by 4 x M16 dynabolts.



NOTES:

1. Posts to be tanalised to H4 standard.
2. Rails to be tanalised to H3 standard.
3. All posts and rails above ground are to be treated with two coats of high build enamel or similar painting system approved by the relevant AT Engineer.

HANDRAIL TYPE A



HANDRAIL TYPE B, END AND SIDE ELEVATION

Review 1

DATE: February 14, 2020

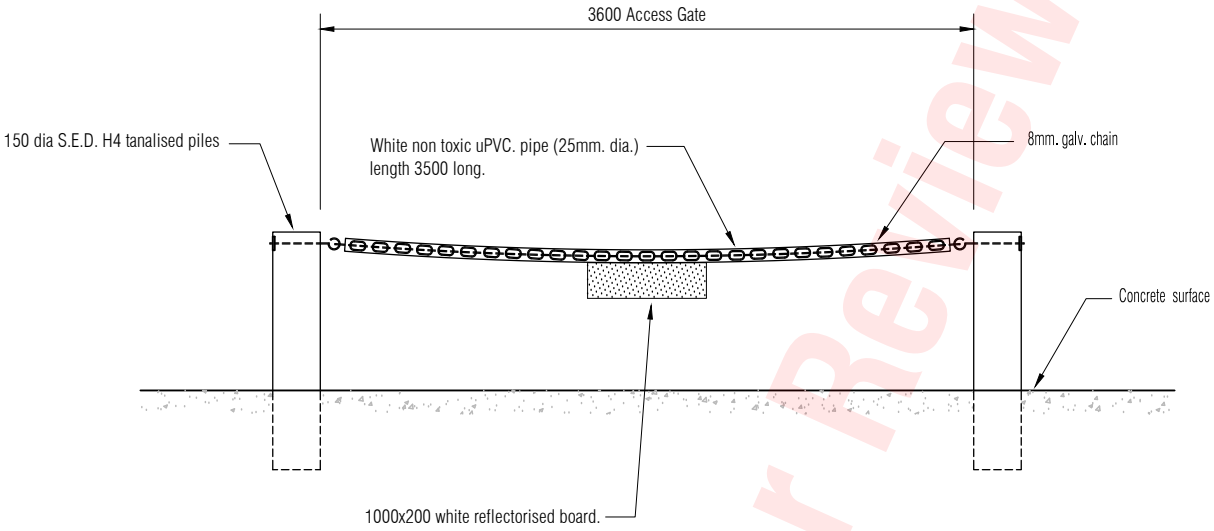
TDM TECHNICAL STANDARDS

Handrail type A & B

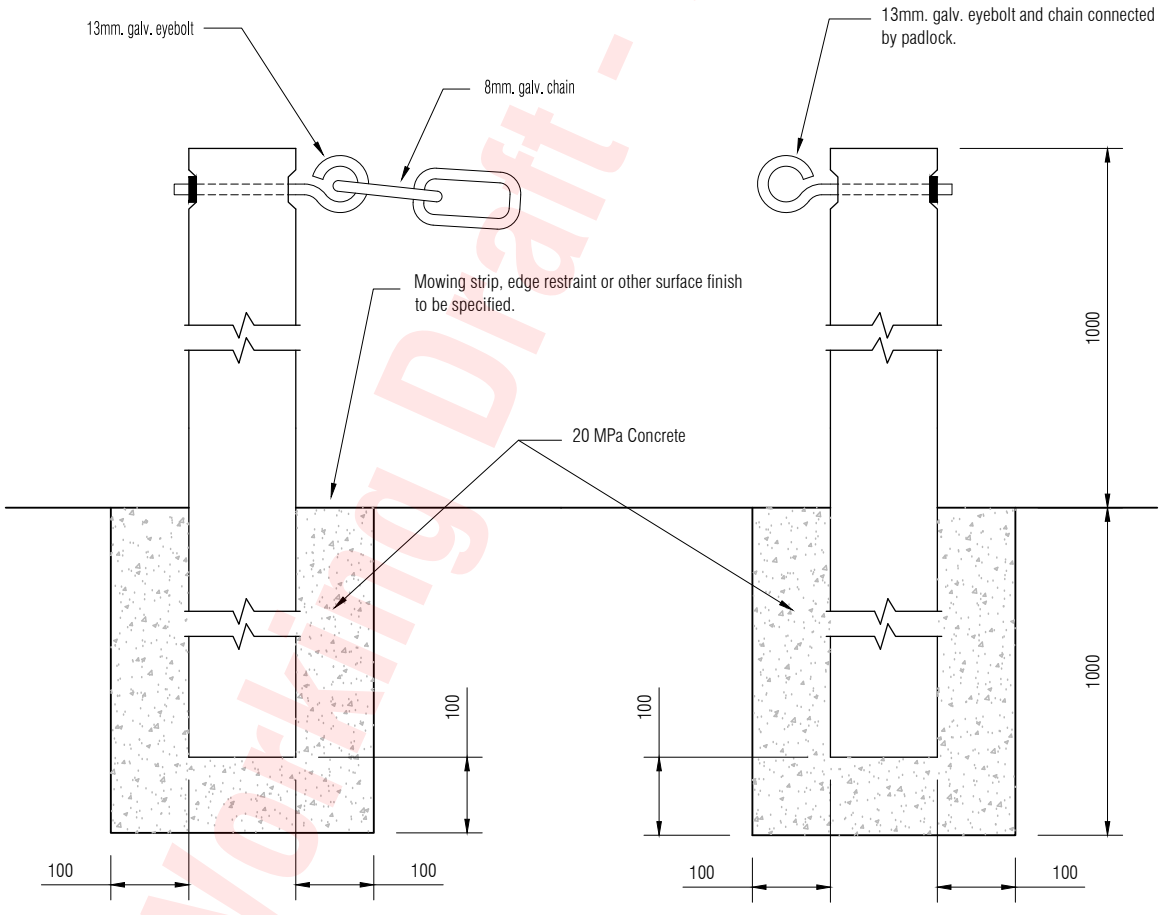
Date: Document in Review

SED No. FE0010

Version A



ELEVATION



DETAIL

Review 1

DATE: February 14, 2020

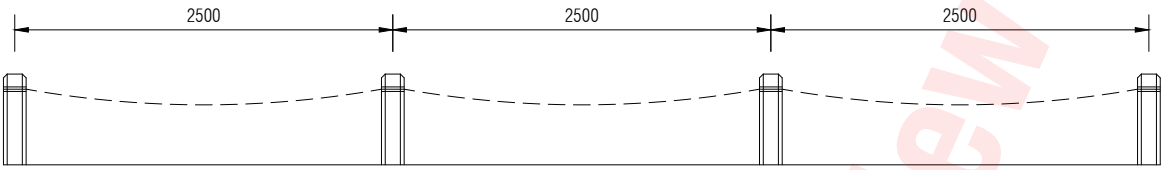
TDM TECHNICAL STANDARDS

Access barrier chain

Date: Document in Review

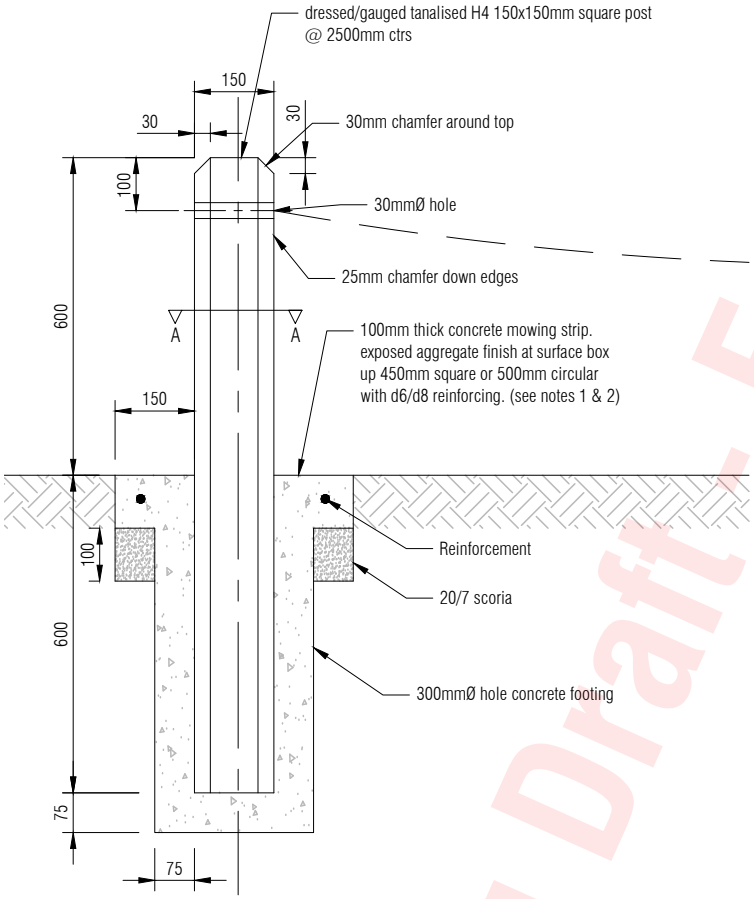
SED No. FE0011

Version A

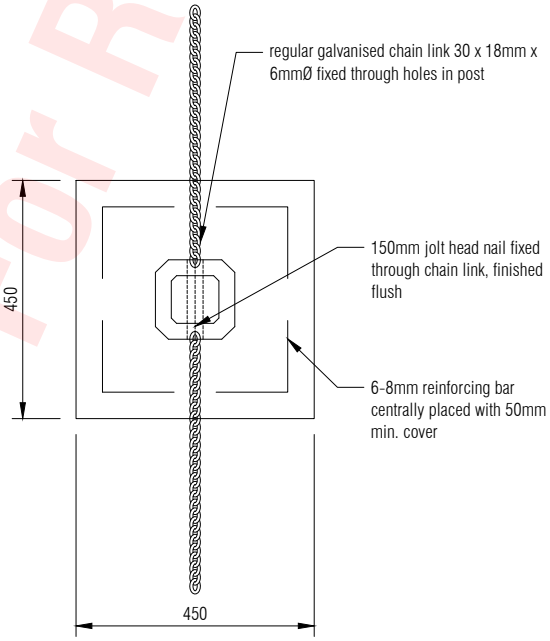


NOTE:
where bollards are used without chain they should be placed @ 1500mm ctrs (and must have no holes in posts)

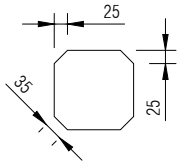
ELEVATION



TYPICAL SECTION



PLAN



SECTION AA

NOTES

1. Slab finish 10-13mm aggregate, exposed using at approved product to provide even aggregate finish and waterblasted to remove slurry and produce even exposed finish.
2. Reinforcing bar 6-8mm, centrally placed, ensure mun. 50mm coverage of concrete.
3. Reinstate with topsoil & grassing to be flush with concrete.
4. All concrete must be 20Mpa