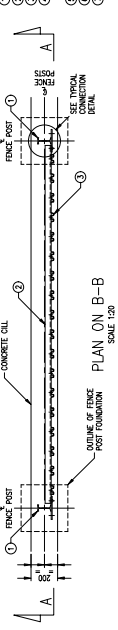
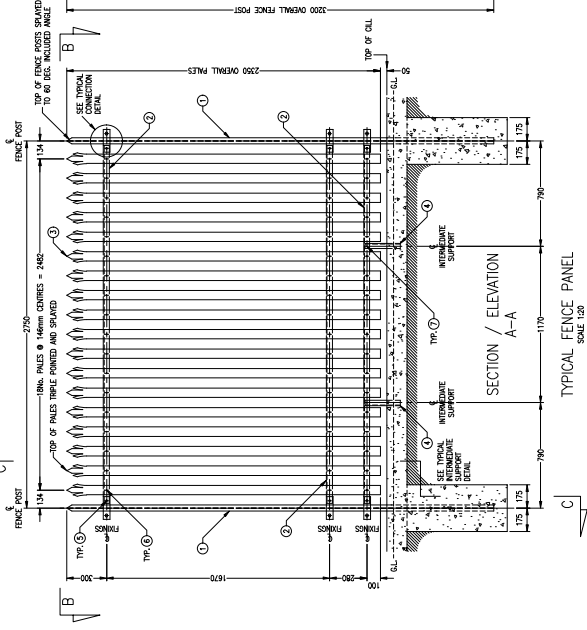


SUBSTATION COMPOUND



PLAN ON B-B
SCALE 1:20



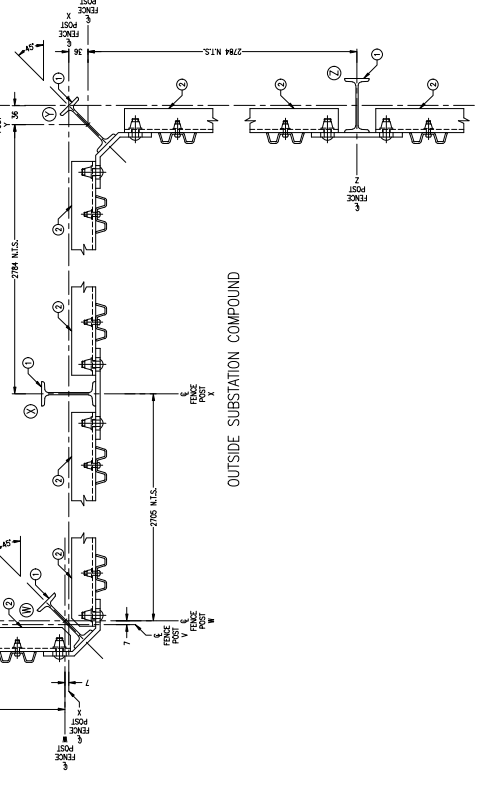
TYPICAL FENCE PANEL
SCALE 1:20

SECTION C-C
SCALE 1:20

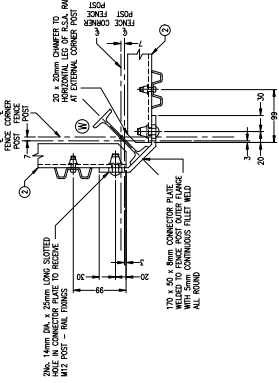
- FENCE COMPONENTS:
- 1 102 x 44mm x 7.5kg/m R.S.J. FENCE POST (3000mm LONG)
 - 2 45 x 45 x 6mm L.S.A. RAIL (2600mm LONG)
 - 3 40 x 40 x 5mm R.S.A. INTERMEDIATE SUPPORT (2600mm LONG)
 - 4 40 x 40 x 5mm R.S.A. INTERMEDIATE SUPPORT (2600mm LONG)
 - 5 POST / RAIL : M12 (GRADE 8.8) CUP SQUARE HEADED BOLTS + SHEAR HEADED CONE NUTS (GRADE 8)
 - 6 PALE / RAIL : M8 (GRADE 8.8) T HEADED BOLTS + SHEAR HEADED CONE NUTS (GRADE 8)
 - 7 INTERMEDIATE SUPPORT / RAIL : M8 (GRADE 8.8) CUP SQUARE HEADED BOLTS + SHEAR HEADED CONE NUTS (GRADE 8)

PLAN SHOWING SETTING OUT FOR
INTERNAL AND EXTERNAL CORNERS

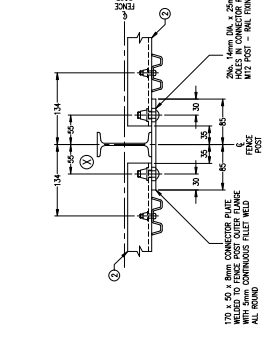
INSIDE SUBSTATION COMPOUND



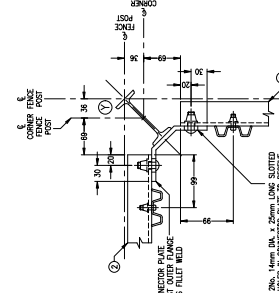
OUTSIDE SUBSTATION COMPOUND



FENCE POST W
TYPICAL EXTERNAL CORNER FIXING DETAIL
SCALE 1:5



FENCE POST X
TYPICAL FIXING DETAIL
SCALE 1:5



FENCE POST Y
TYPICAL INTERNAL CORNER FIXING DETAIL
SCALE 1:5

NOTES:

- FOR SPECIFICATION SEE NED COMPANY SPECIFICATION - ENGINEERING SPECIFICATION - EE SPEC: 20
- MATERIAL : MID STEEL GRADE S235JR - TO BS EN 10025-2
- GENERAL WELDING: MIN. 5mm FILLET WELDS THROUGHOUT - TO BS EN 1011
- FINISH TO STEEL COMPONENTS: HOT DIP GALVANIZED TO BS EN ISO 1461 AFTER FABRICATION (INCLUDING ALL WELDING AND PUNCHING OR DRILLING OF HOLES)
- SMALL AREAS OF DAMAGE TO HOT DIPPED GALVANIZED COATING: REPAIR USING 100 METRIC POINT ZINC ALLOY REPAIR PASTE OR POWDER IN ACCORDANCE WITH BS 1722-12 - CLAUSE 5.9 / BS EN 1461
- DAMAGE TO HOT DIPPED GALVANIZED COATING ON RAIL HEADS AND THROUS: WIRE BRUSH AND REPAIR USING APPROVED ZINC RICH PAINT IN ACCORDANCE WITH BS 1722-12 - CLAUSE 5.9 / BS EN 1461 / BS EN 462
- CONCRETE FOR FENCE POST FOUNDATIONS: GRADE F300 (20mm AGGREGATE SIZE)
- CONCRETE FOR RAIL ORICE F300 (10mm AGGREGATE SIZE)
- DO NOT MANUALLY CHISEL COMPLETE FENCE PANELS WITHOUT TAKING SPECIAL PRECAUTIONS (MASS OF FENCE PANEL - APPROX. 150kg / RISK OF ARTICULATION)
- ASSEMBLY POSITION AND DEPTH OF ELECTRICITY, GAS, WATER OR OTHER UNDERGROUND SERVICES PRIOR TO COMMENCEMENT OF ERECTION, DRILLING OR ERECTION IN THE WORKING AREA



SIDE ELEVATION
TYPICAL INTERMEDIATE SUPPORT DETAIL
SCALE 1:5



SIDE ELEVATION
TYPICAL RAIL END DETAIL
SCALE 1:5



TYPICAL CONNECTOR
PLATE DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
END DETAIL
SCALE 1:5



TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



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TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5



TYPICAL RAIL
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END DETAIL
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TYPICAL INTERMEDIATE
SUPPORT DETAIL
SCALE 1:5

