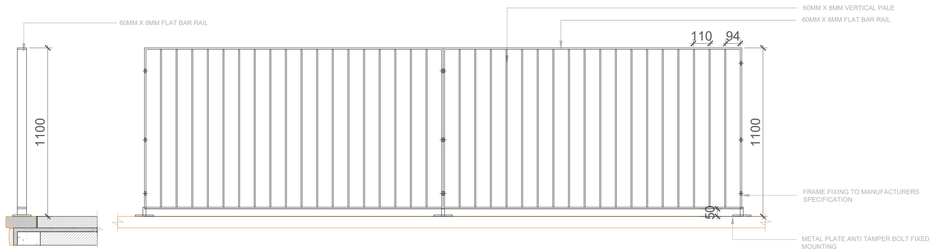
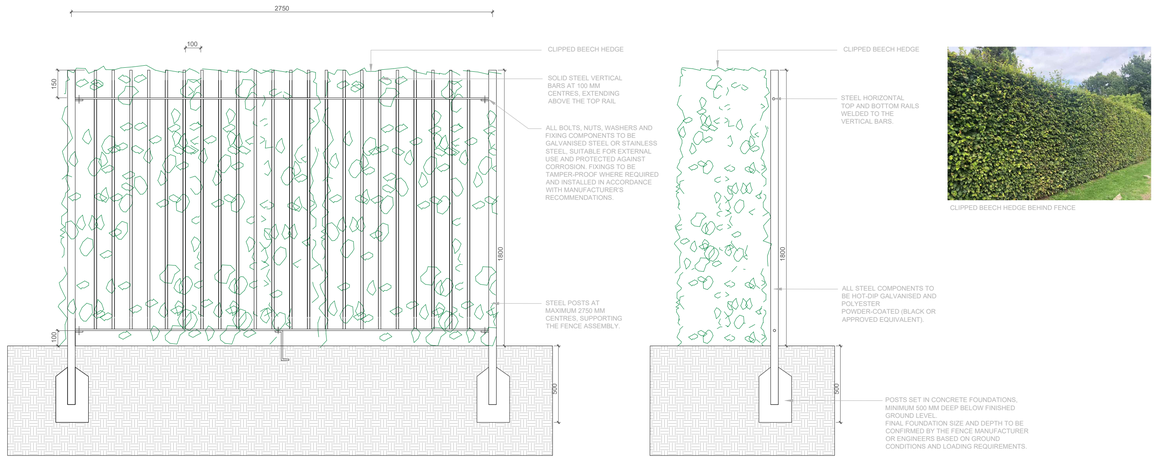
POWDER COATED GALVANISED STEEL RAILING - GENERAL NOTES

STEEL RAILING SYSTEM COMPRISING HOT-DIP GALVANISED MILD STEEL VERTICAL BARS WITH FLAT BAR TOP AND BOTTOM RAILS, COMPLETE WITH INTERMEDIATE SUPPORTS AS REQUIRED. UNLESS OTHERWISE SPECIFIED.

- HEIGHT: APPROX. 1100 MM ABOVE FINISHED GROUND LEVEL TOP AND BOTTOM RAILS: 60 X 8 MM FLAT BAR
- VERTICALS: 60 X 8 MM FLAT BARS AT REGULAR CENTRES (MAX. 110 MM CLEAR SPACING)
- POSTS: MILD STEEL SECTIONS AT MAX. 1800 MM CENTRES
- FIXING: BASE PLATE MOUNTED WITH ANTI-TAMPER BOLTS TO CONCRETE FOUNDATION, OR AS PER MANUFACTURER'S SPECIFICATION

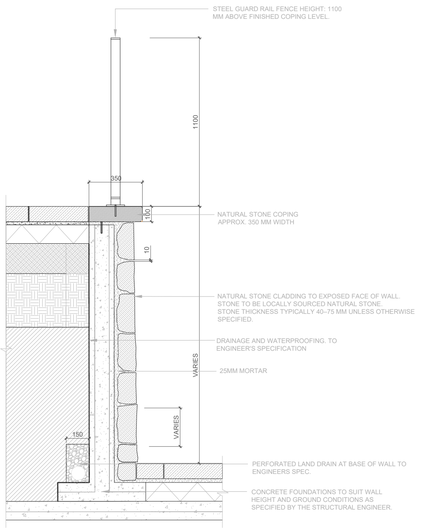


01 HIGH POWDER COATED GALVANISED STEEL RAILING
SCALE: 1:20@A1



CLIPPED BEECH HEDGE BEHIND FENCE

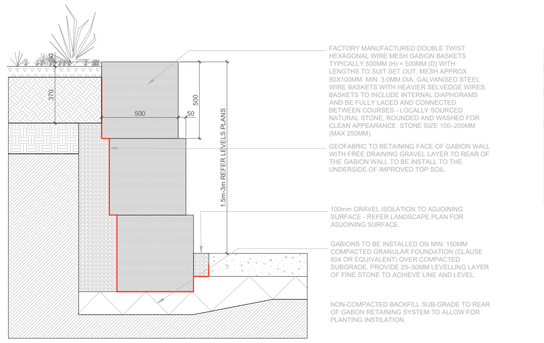
07 STEEL FENCE TO CRECHE BOUNDARY
SCALE: 1:20 @A1



RETAINING WALL WITH NATURAL STONE CLADDING AND RAILING

- STEEL GUARD RAIL FENCE HEIGHT: 1100 MM ABOVE FINISHED COPING LEVEL.
- NATURAL STONE COPING: APPROXIMATELY 350 MM WIDTH, CENTRED ON WALL.
- COPING OVERHANG: APPROXIMATELY 50 MM BEYOND WALL FACE UNLESS OTHERWISE SPECIFIED.
- NATURAL STONE CLADDING THICKNESS: TYPICALLY 40–75 MM UNLESS OTHERWISE SPECIFIED.
- MORTAR JOINTS: 25 MM THICKNESS.
- DRAINAGE LAYER BEHIND WALL: MINIMUM 150 MM FREE-DRAINING GRANULAR MATERIAL.
- PERFORATED LAND DRAIN: TO ENGINEERS SPECIFICATION
- DRAIN PIPE SURROUND: MINIMUM 150 MM GRANULAR DRAINAGE MATERIAL.
- CONCRETE RETAINING WALL AND FOUNDATIONS: DIMENSIONS TO SUIT WALL HEIGHT AND GROUND CONDITIONS AS SPECIFIED BY THE STRUCTURAL ENGINEER.
- ADJACENT GROUND SURFACES TO FALL AWAY FROM WALL TO PREVENT WATER BUILD-UP.

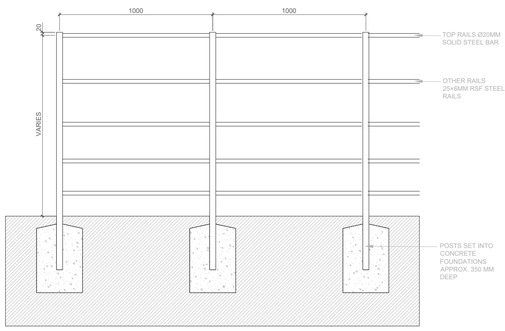
03 RETAINING WALL WITH NATURAL STONE CLADDING AND RAILING
SCALE: 1:20 @A1



04 GABION RETAINING WALL
SCALE: 1:20 @A1

GABION RETAINING WALL - GENERAL NOTES

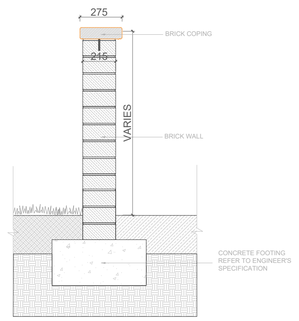
- PROVIDE GABION RETAINING WALL SYSTEM COMPLETE WITH BASKETS, STONE FILL, GEOTEXTILE FILTER, DRAINAGE LAYER AND ALL FIXINGS REQUIRED FOR COMPLETE INSTALLATION. WALL HEIGHT VARIES 1.5-3.0M. INSTALL TO ENGINEER'S DESIGN.
- GABION BASKETS: FACTORY MANUFACTURED DOUBLE TWIST HEXAGONAL WIRE MESH BASKETS TYPICALLY 500MM (H) × 500MM (D) WITH LENGTHS TO SUIT SET OUT. MESH APPROX. 80×100MM. MIN. 3.0MM DIA. GALVANISED STEEL WIRE WITH HEAVIER SELVEDGE WIRES. PVC/POLYMER COATING WHERE REQUIRED. BASKETS TO INCLUDE INTERNAL DIAPHRAGMS AND BE FULLY LACED AND CONNECTED BETWEEN COURSES.
- STONE FILL: LOCALLY SOURCED HARD DURABLE NATURAL STONE, ROUNDED AND WASHED FOR CLEAN APPEARANCE. STONE SIZE 100-200MM (MAX 250MM). HAND PLACE AND PACK STONE TO EXPOSED FACES TO ACHIEVE TIGHT UNIFORM FINISH.
- FOUNDATION: GABIONS TO BE INSTALLED ON MIN. 150MM COMPACTED GRANULAR FOUNDATION (CLAUSE 804 OR EQUIVALENT) OVER COMPACTED SUBGRADE. PROVIDE 25-50MM LEVELLING LAYER OF FINE STONE TO ACHIEVE LINE AND LEVEL.
- GEOTEXTILE: PROVIDE CONTINUOUS NON-WOVEN GEOTEXTILE FILTER FABRIC (MIN. 200-300G/M²) TO REAR FACE OF WALL TO PREVENT MIGRATION OF SOIL FINES. LAPS MIN. 300MM.
- DRAINAGE: PROVIDE MIN. 300MM WIDE FREE DRAINING GRANULAR BACKFILL (20-40MM CLEAN STONE) BEHIND WALL WITH 100MM PERFORATED DRAIN PIPE AT BASE CONNECTED TO SUITABLE OUTFALL.
- BACKFILL: PLACE BACKFILL IN MAX. 300MM LAYERS AND COMPACT. DO NOT OPERATE HEAVY COMPACTION PLANT DIRECTLY AGAINST GABION WALL.
- SAMPLES: PROVIDE SAMPLE OF PROPOSED STONE FILL AND GABION BASKET FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



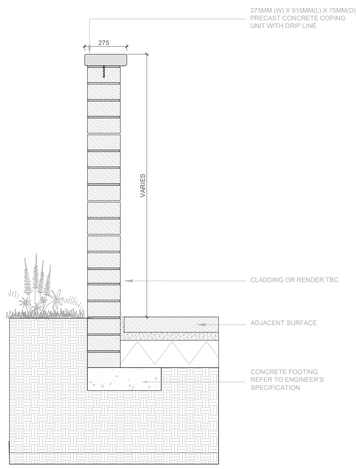
ESTATE RAIL FENCE - GENERAL NOTES

- TYPICAL PANEL LENGTH: 2000 MM.
- POSTS SPACED AT 1000 MM CENTRES WITHIN EACH PANEL.
- TOP RAIL: Ø20 MM SOLID STEEL BAR.
- INTERMEDIATE RAILS: 25 × 6 MM RECTANGULAR SOLID FLAT (RSF) STEEL RAILS.
- POSTS: 40 × 10 MM RECTANGULAR SOLID FLAT (RSF) STEEL.
- POSTS TO BE SET IN IN-SITU CONCRETE FOUNDATIONS MINIMUM 300 × 300 × 450 MM DEEP, OR TO SUIT GROUND CONDITIONS.
- POSTS TO BE INSTALLED PLUMB AND ALIGNED WITH CONSISTENT SPACING BETWEEN RAILS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND LEVELS ON SITE PRIOR TO INSTALLATION.

05 ESTATE RAIL FENCE
SCALE: 1:20 @A1



06 BRICK WALL
SCALE: 1:20 @A1



02 RENDERED CONCRETE BLOCK WALL
SCALE: 1:20 @A1

NOTE:
specifications are to further detail and approval of FCC parks department.

REFERENCE: THIS DRAWING IS NOT FOR CONSTRUCTION

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PURPOSE OF DRAWING: PLANNING

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MAY 2026