

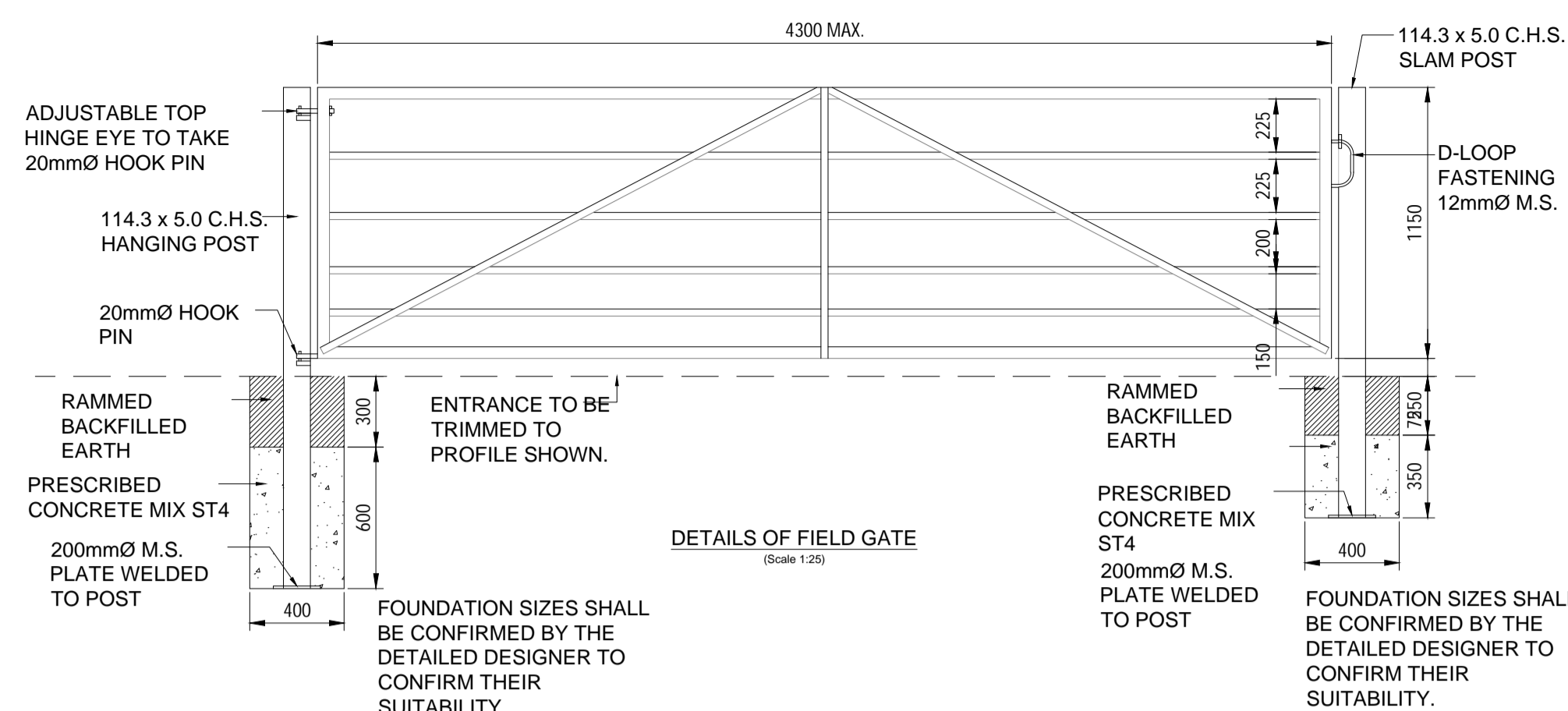
NATURAL ROUND STRAINING POST 2000 2020 LONG TO BE PROVIDED AT ALL CHANGES OF DIRECTION OR ACUTE CHANGES OF LEVEL. MAXIMUM SPACING 100m.

POST AND WIRE FENCE DETAIL (Scale 1:25)

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GENERAL NOTES ON FENCES:

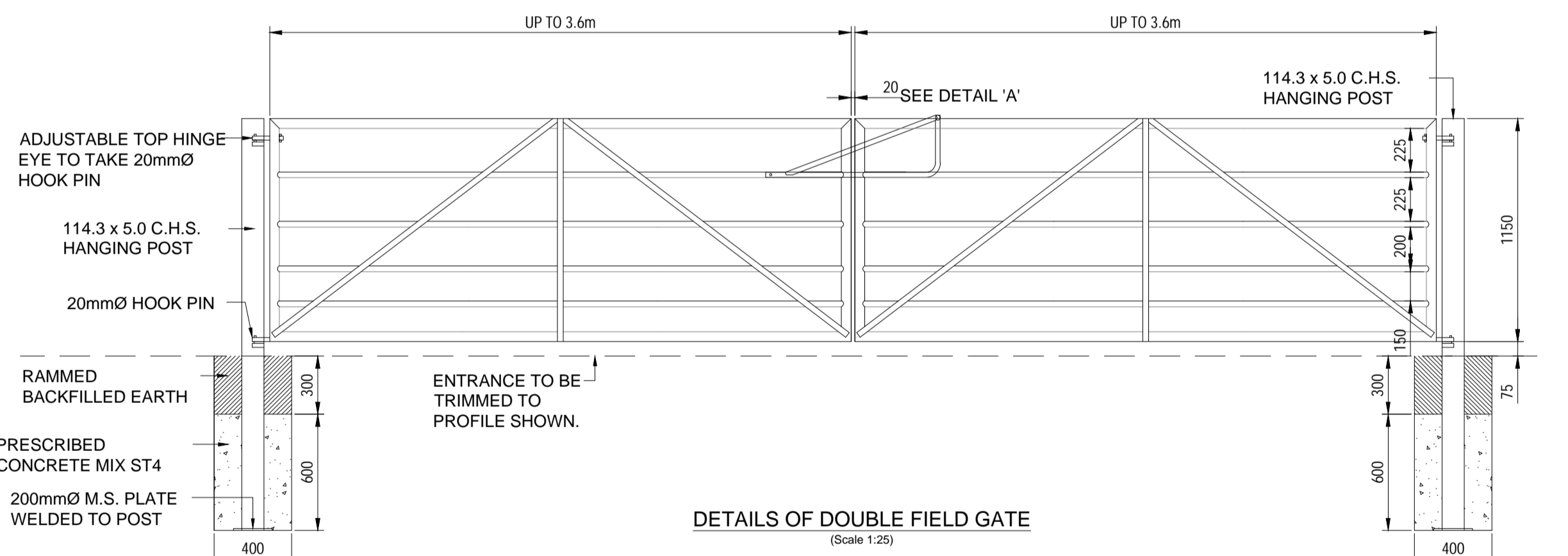
1. MATERIALS FOR POST AND WIRE FENCING TO COMPLY WITH BS 1722 : PART 3.
2. STRAINER POSTS TO BE USED AT ALL CHANGES OF DIRECTION.
3. STRUTS SHALL BE FIXED TO POSTS WITH ONE 100 x 4mm GALVANISED ROUND STEEL WIRE NAIL.
4. STRUTS SHALL HAVE WOODEN BASE PLATES 150mm x 150mm x 25mm THICK FIXED TO STRUT BY 4 No. GALVANISED ROUND WIRE NAILS.
5. IF POSTS ARE TO BE DRIVEN THE BUTT END SHALL BE POINTED FOR 225mm.
6. IF POSTS ARE NOT DRIVEN THE POST HOLES SHALL BE CAREFULLY BACKFILLED AND RAMMED AS FILLING PROCEEDS.
7. ALL DIMENSIONS ARE IN (mm) UNLESS NOTED OTHERWISE.



DETAILS OF FIELD GATE (Scale 1:25)

GENERAL NOTES ON GATES:

1. ALL GATES AND POSTS TO BE FABRICATED IN ACCORDANCE WITH BS 3470:1975 'SPECIFICATION FOR FIELD GATES AND POSTS'.
2. GATE CONSTRUCTION
 - 2.1 OUTER FRAME TO BE 47.6
 - 2.2 INFILLING HORIZONTAL RAILS TO BE 34.9 ERW TUBE.
 - 2.3 DIAGONAL AND VERTICAL BRACING TO BE 30 x 5 M.S. FLATS
3. PROTECTION: ALL STEEL PARTS AFTER FABRICATION SHALL BE HOT-DIP GALVANISED IN ACCORDANCE WITH BS 729
4. ERECTION
 - 4.1 ALL GATES SHALL BE ERECTED TO HANG AND SHUT AGAINST THE POSTS SO THAT THEY OPEN ONE WAY ONLY i.e. INTO THE FIELD.
 - 4.2 PROVISION SHALL BE MADE IN HINGES FOR ADJUSTMENT TO COMPENSATE FOR ANY DROPPING OF THE GATE IN SERVICE.



DETAILS OF DOUBLE FIELD GATE (Scale 1:25)

FOUNDATION SIZES SHALL BE CONFIRMED BY THE DETAILED DESIGNER TO CONFIRM THEIR SUITABILITY.

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DETAIL 'A'
TUBULAR STEEL LATCH FOR STEEL DOUBLE FIELD GATES (N.T.S.)

ONE 100 GALVANISED CUP HEAD BOLT, NUT & LOCKNUT.

STEEL TUBES SHALL BE 250 x 3.25 THICK TO COMPLY WITH BS 6323.

NOTES

1. DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT INFORMATION.
3. ALL DATUM LEVELS ARE IN METRES AND DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
4. REFER TO DRAWING LT459-SWE-XX-XX-D-X-0301 AND LT459-SWE-XX-XX-D-X-0302 FOR THE LOCATION OF FENCES AND GATES.
5. REFER TO DRAWING LT459-SWE-XX-XX-D-X-0304 FOR THE DETAILS OF ADDITIONAL TYPES OF GATES AND FENCES TO BE USED.

KEY TO DRAWING

Rev	Date	Amendment Details	Dr'n	Chk'	App'
P04	20/08/2024	TITLE UPDATED	RL	NG	CB
P03	18/04/2024	DESIGN FIX 2C	RL	NG	CB
P02	05/03/2024	DESIGN FIX 2B	RL	NG	CB
P01	15/12/2023	DESIGN FIX A	RL	NG	CB

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Client



Project Title

**FANELLAN
400kV SWITCHING STATION AND
HVDC CONVERTOR STATION**

Drawing Title

**FENCING DETAILS
SHEET 1 OF 2**

Purpose Of Issue

PRELIMINARY

Status: **S5** Status Description: **FOR REVIEW AND ACCEPTANCE**

Drawn	Designed	Checked	Approved
RL	RL	NG	CB

Sheet Size	Scale	Sweco Ref	Revision
A1	1:25	65209842	P04

Drawing Number

LT459-SWE-XX-XX-D-X-0303

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