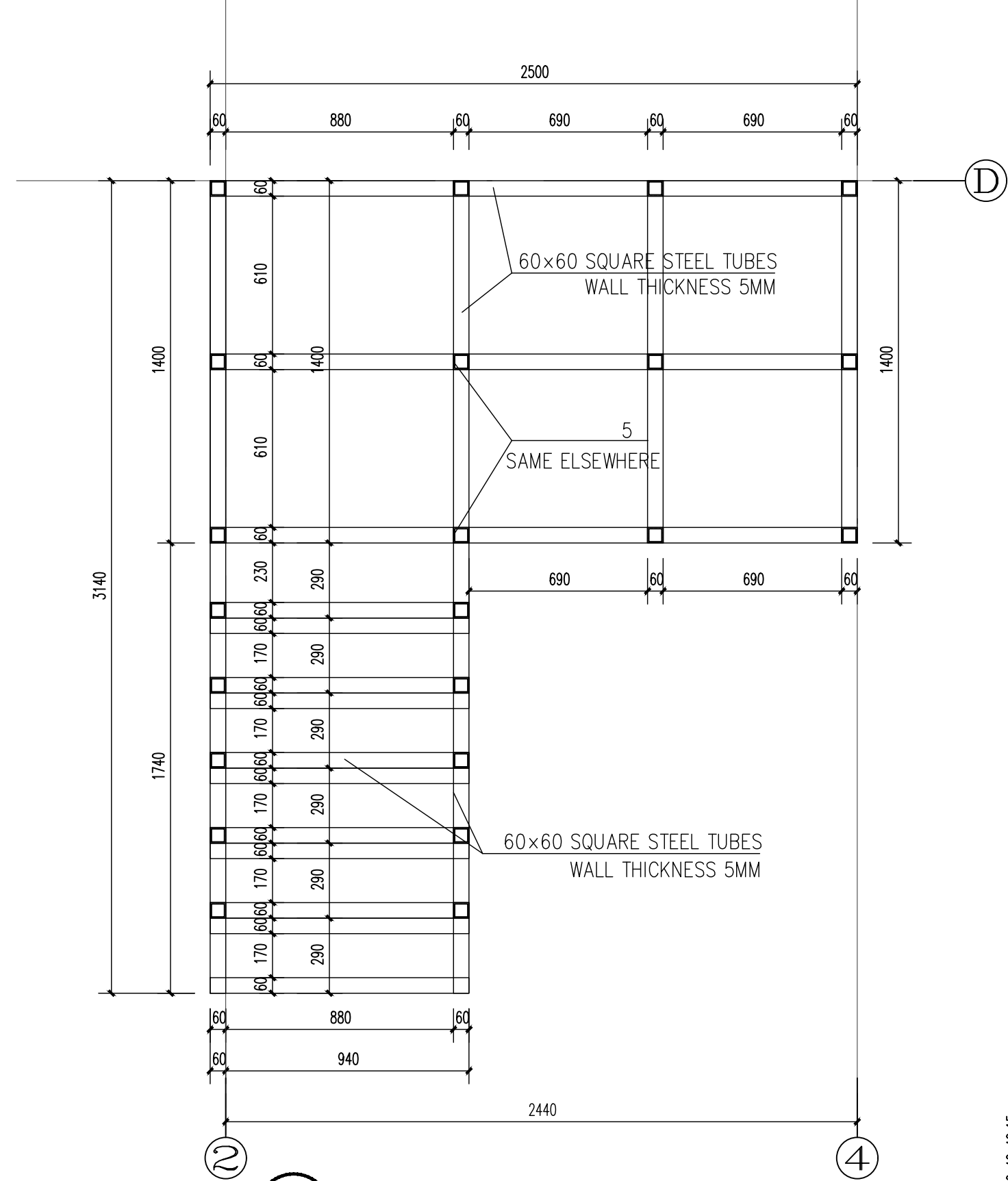
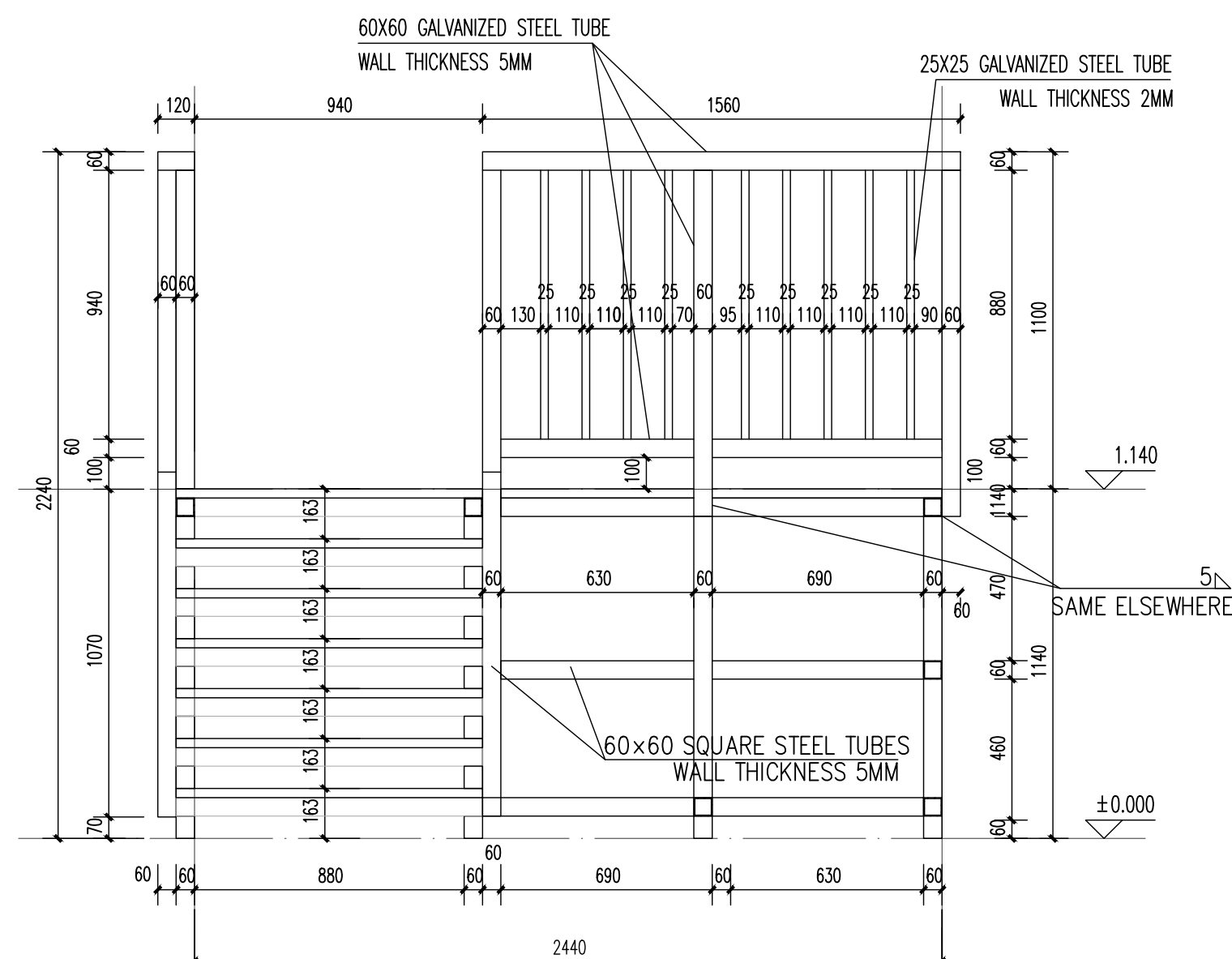


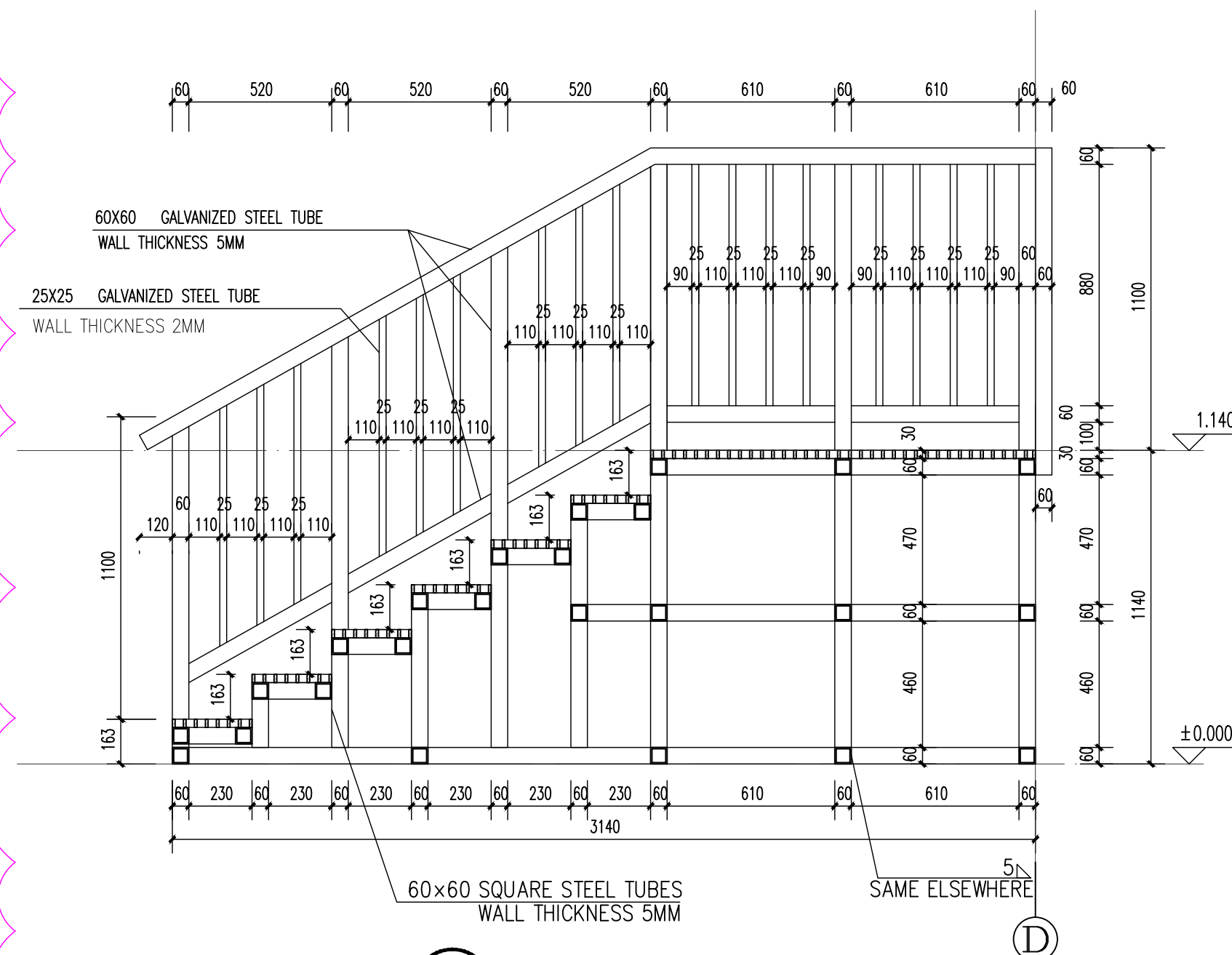
10 STEEL GRATING PEDALS GROUND PLAN 1:20



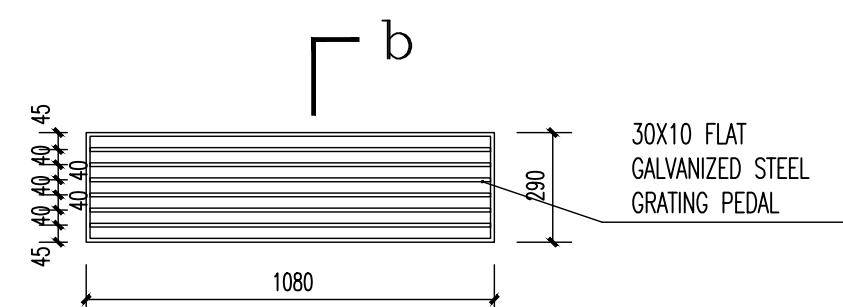
10a STEEL TUBE GROUND PLAN 1:20



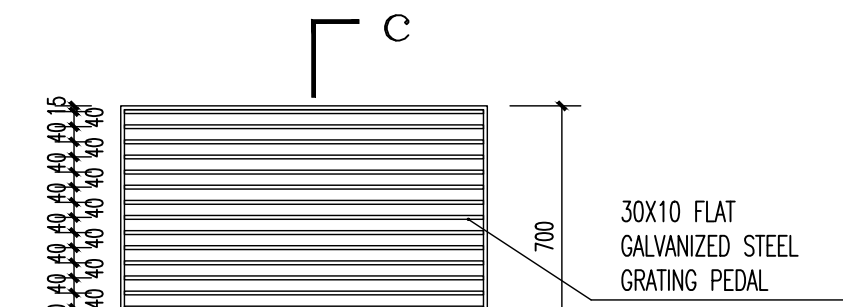
10d FRONT ELEVATION 1:20



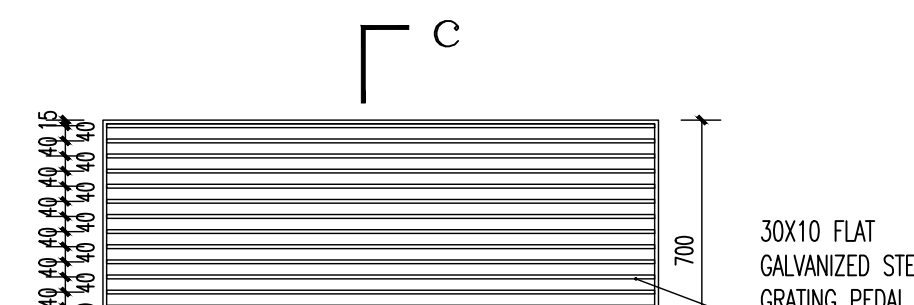
10c SECTION a-a 1:20



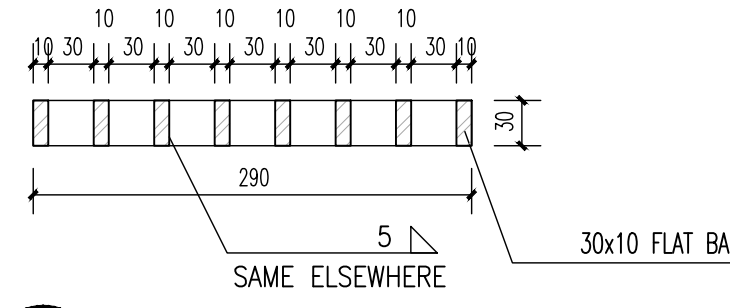
10e STEP A 1:20



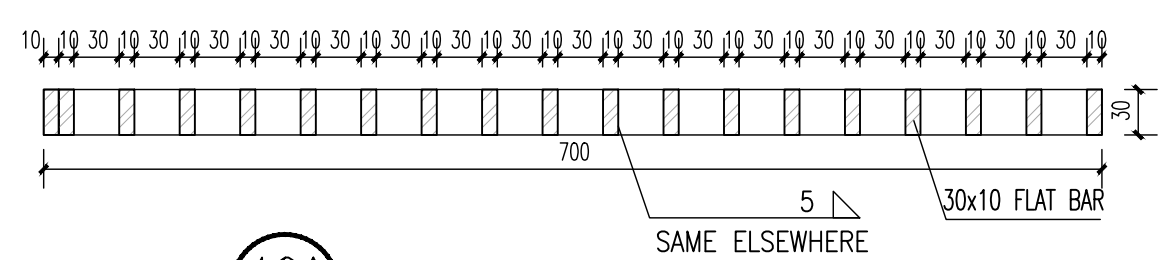
10f STEP B 1:20



10g STEP C 1:20



10h STEP SECTION b-b 1:5



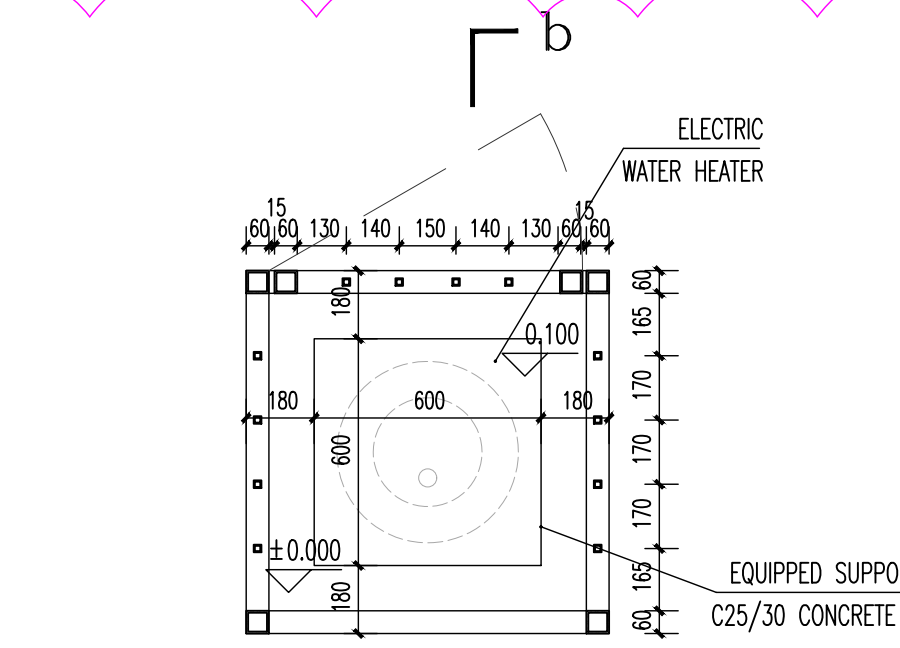
10i STEP SECTION c-c 1:5

TABLE 1 LEGEND

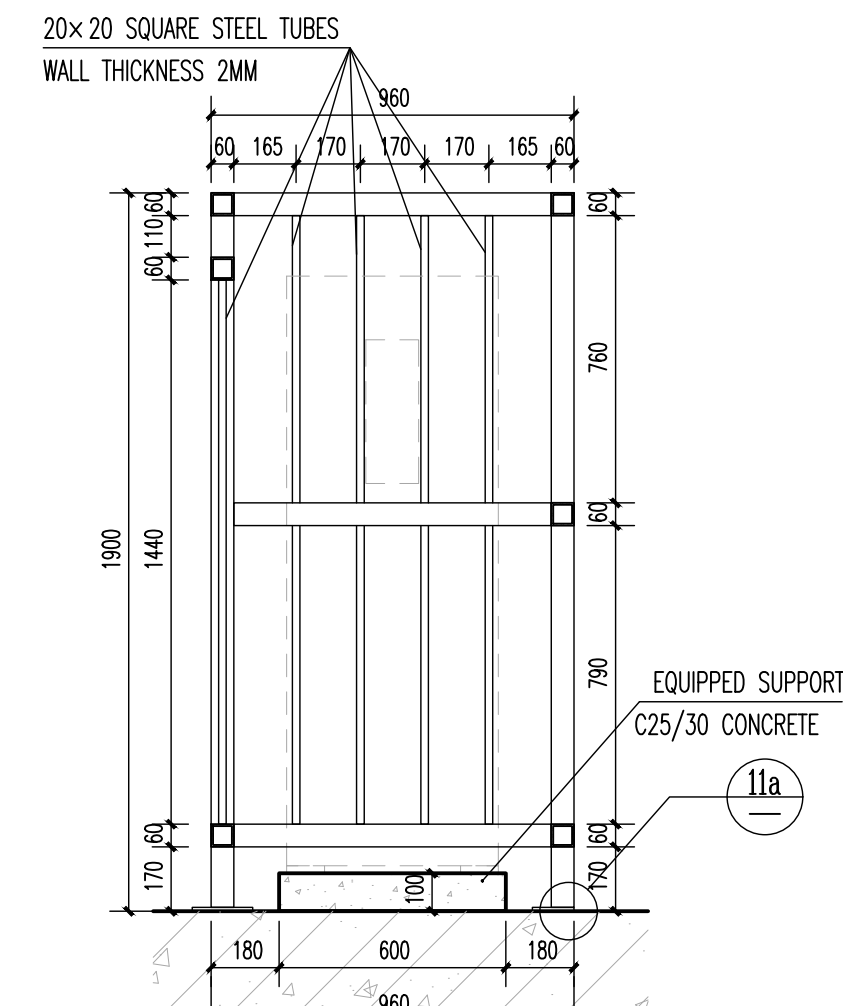
NO	NAME	TYPE	LEGEND AND CONNECTION ILLUSTRATION DESCRIPTION
1	SINGLE-SIDED FILLET WELDED JOINT		LEG LENGTH SHALL BE 5

NOTE:

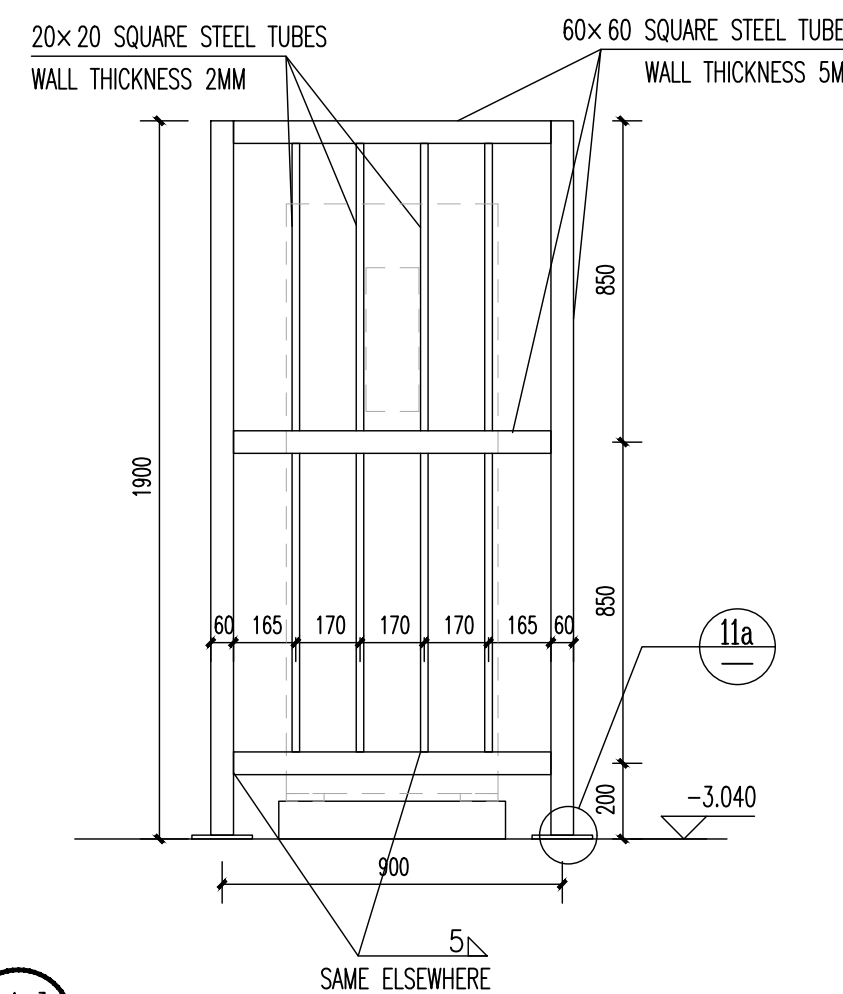
- THE COLUMNS AND CROSSBEAMS SHALL ADOPT 60 SQUARE STEEL TUBES WITH A WALL THICKNESS OF 5MM;
- THE CROSSBEAMS SHALL BE WELDED TO THE COLUMNS, AND THE WELD SEAM IS 5MM.
- THE BALUSTRADE HANDRAIL SHALL BE WELDED TO THE FOUNDATION COLUMN, WITH A LAP LENGTH OF 60MM. THE WELD SEAM IS 5MM.



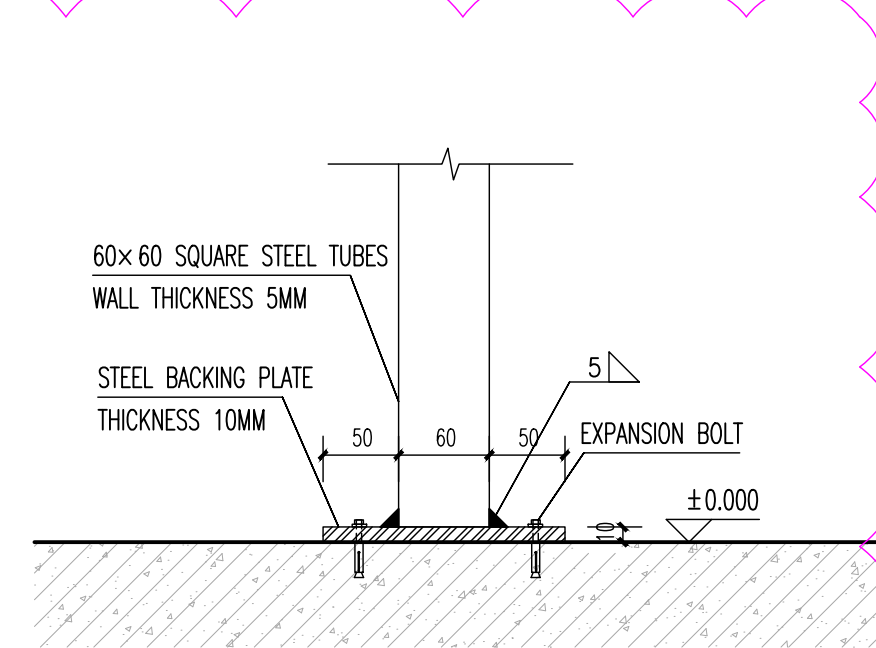
11 PROTECTION DEVICE GROUND PLAN 1:20



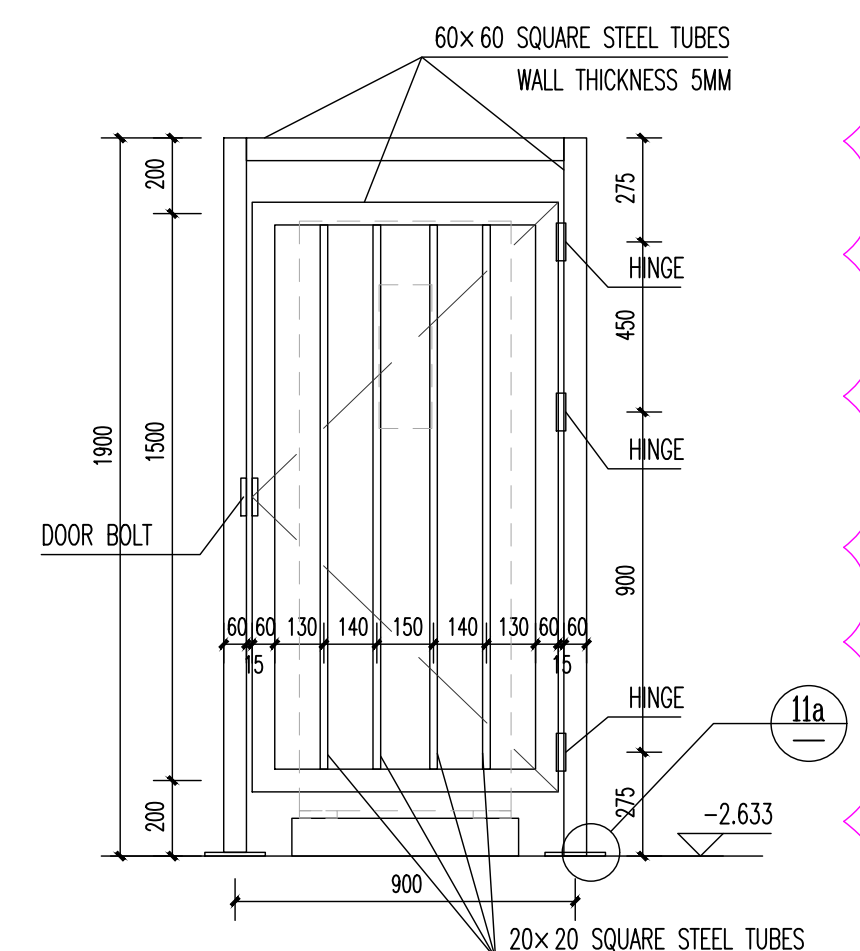
11b SECTION b-b 1:20



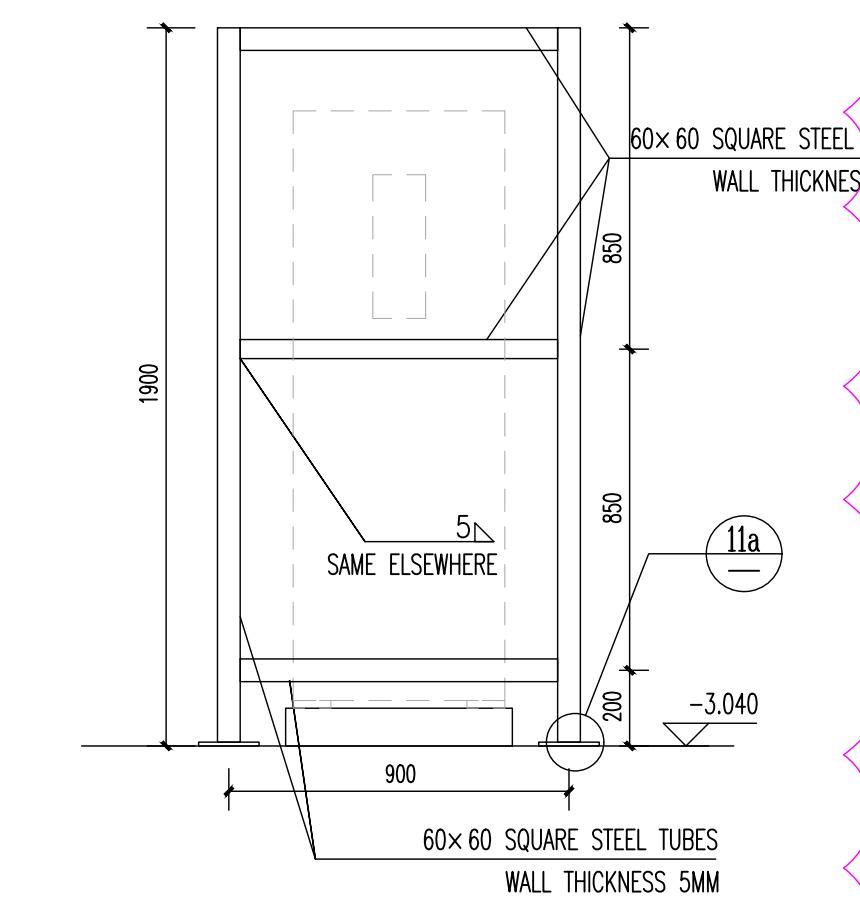
11d PROTECTION DEVICE ELEVATION 2 1:20



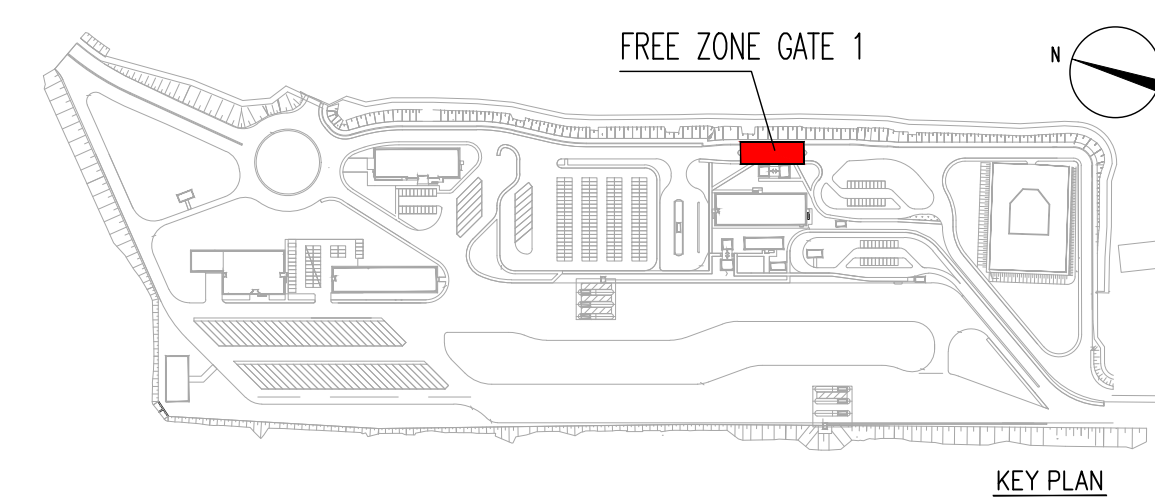
11a



11c PROTECTION DEVICE ELEVATION 11:20



11e PROTECTION DEVICE ELEVATION 3 1:20



NOTES:

- ALL DIMENSIONS SHOWN IN THE DRAWING ARE IN MILLIMETER (MM), AND ALL LEVELS OR ELEVATIONS ARE IN METER (M) UNLESS OTHERWISE SPECIFIED.
- THE STEEL COMPONENTS AND THE EXPOSED METAL COMPONENTS OF THE STEEL SHED ALL MEET THE C5 ANTI-CORROSION REQUIREMENTS. THE NDT OF THE ANTI-CORROSION PAINT SHOULD BE $\geq 240\mu\text{m}$, INCLUDING $70\mu\text{m}$ OF PRIMER, $70\mu\text{m}$ OF INTERMEDIATE COATING, AND $100\mu\text{m}$ OF FINAL COAT.
- ALL GALVANIZING WORKS WHERE SPECIFIED SHALL BE HOT-DIP GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF EN ISO 1461:2009. THE MINIMUM COATING THICKNESS IS 85MM(STEEL 5MM THICK AND OVER). THE MINIMUM COATING THICKNESS IS 64MM (STEEL UNDER 5MM THICK BUT NOT LESS THAN 2MM).
- STEEL COMPONENTS SUCH AS ROOF PURLINS AND STRUCTURAL BEAMS FOR STEEL STRUCTURES OF THE BUILDING WILL BE FINALIZED BY THE SUPPLIER IN THE FORM OF MANUFACTURING DRAWINGS AND CONFIRMED BY THE CONSULTANT BEFORE PURCHASE ORDERS CAN BE PLACED AND CONSTRUCTION CAN COMMENCE.

Engineer Approval Codes			
Code Nr	Condition	Signature Employer's Representative	Date
Code 1	Noted Work may proceed.		
Code 2	Noted with comments Work may proceed.		
Code 3	Rejected Work may not proceed. Revise and resubmit.		

REVISION	DESCRIPTION	DATE	CHECKED
01	Revised according to RAD-CRBC-128 (ARCH Part)	23/03/2025	
00	First Submittals	20/12/2024	

EMPLOYER		Caioportos S.A. Avenida Comandante Gika n°150 CP 1276 Sagrada Familia Luanda, Angola
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EMPLOYER'S REPRESENTATIVE/ENGINEER		Sellhorn Ingenieurbau GmbH Tel: +49 (40) 38 12 01-0 Fax: +49 (40) 38 12 01-28 E-Mail: info@sellhorn-hamburg.de www.sellhorn-hamburg.de
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CONSULTANT		Sellhorn Ingenieurbau GmbH Tel: +49 (40) 38 12 01-0 Fax: +49 (40) 38 12 01-28 E-Mail: info@sellhorn-hamburg.de www.sellhorn-hamburg.de
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CONTRACTOR		China Road and Bridge Corporation R. Famoso Mendes Pinto 55 Alvalade, Luanda, Angola Fax: +244 22 232 7003 http://www.crbc.com/
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PROJECT	The Project of the New Port of Caio in Cabinda
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DRAWING TITLE	Onshore Buildings_Free Zone Gate 1 Details 2
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DATE	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DRAWING N°
23/03/2025				1:20	LOT1_DD_1023-A-07
NAME	DETAILED DESIGN				
DESIGN STAGE					