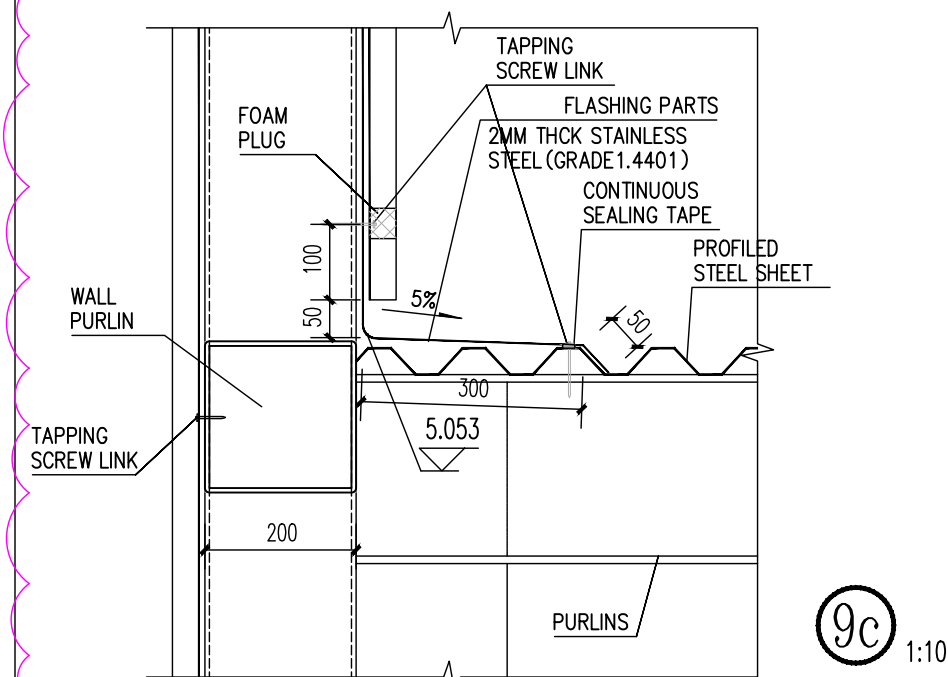
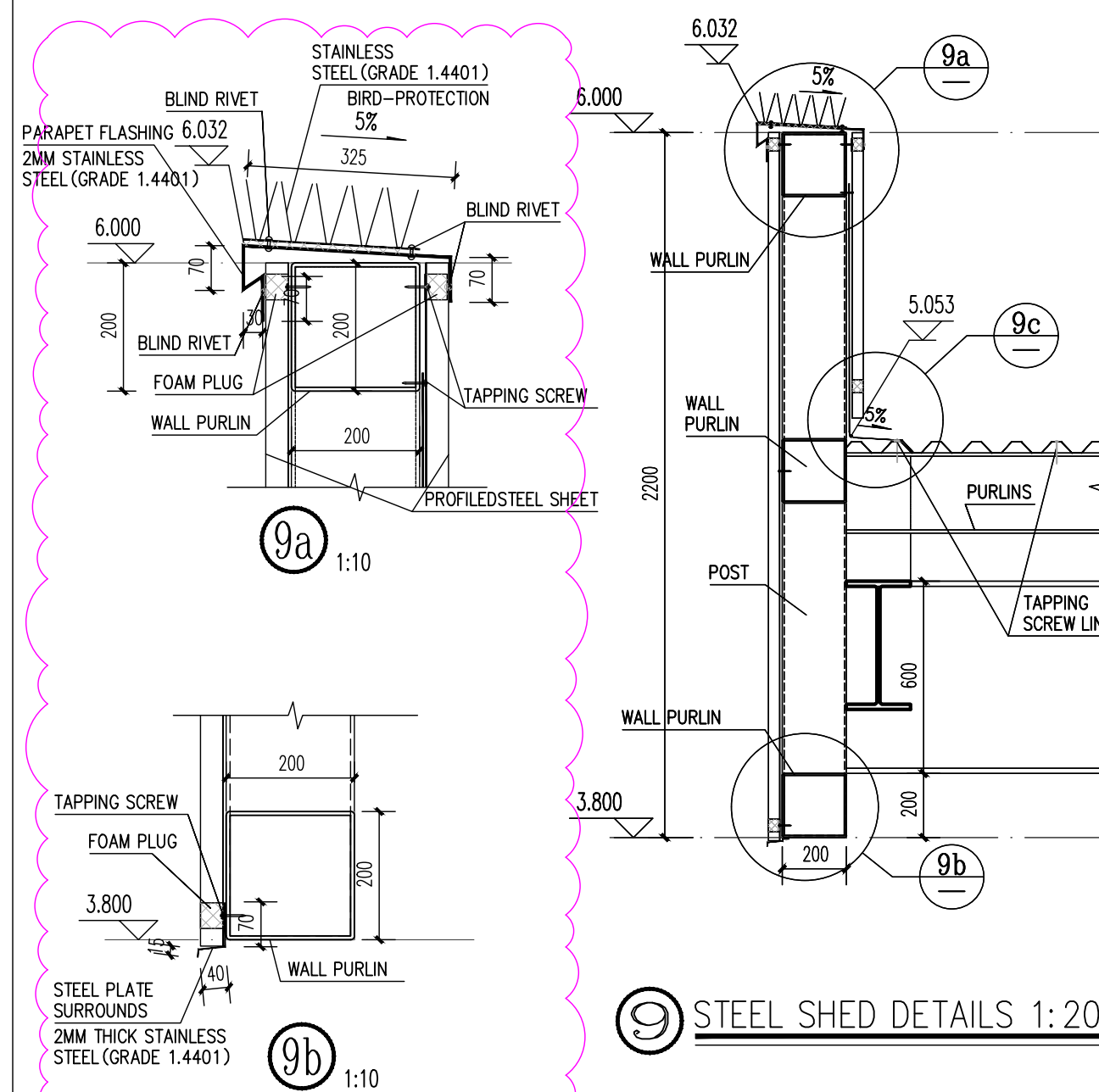


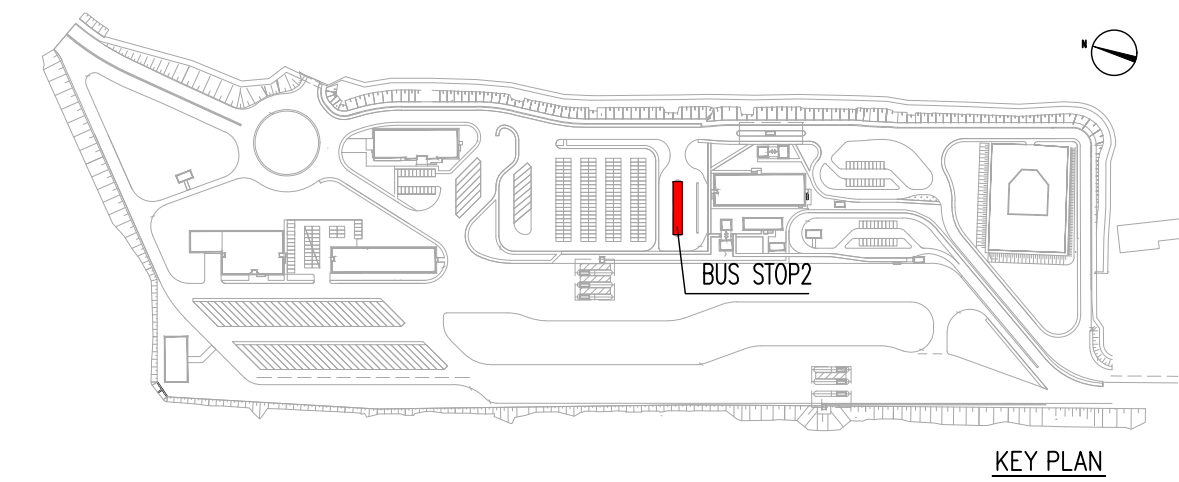
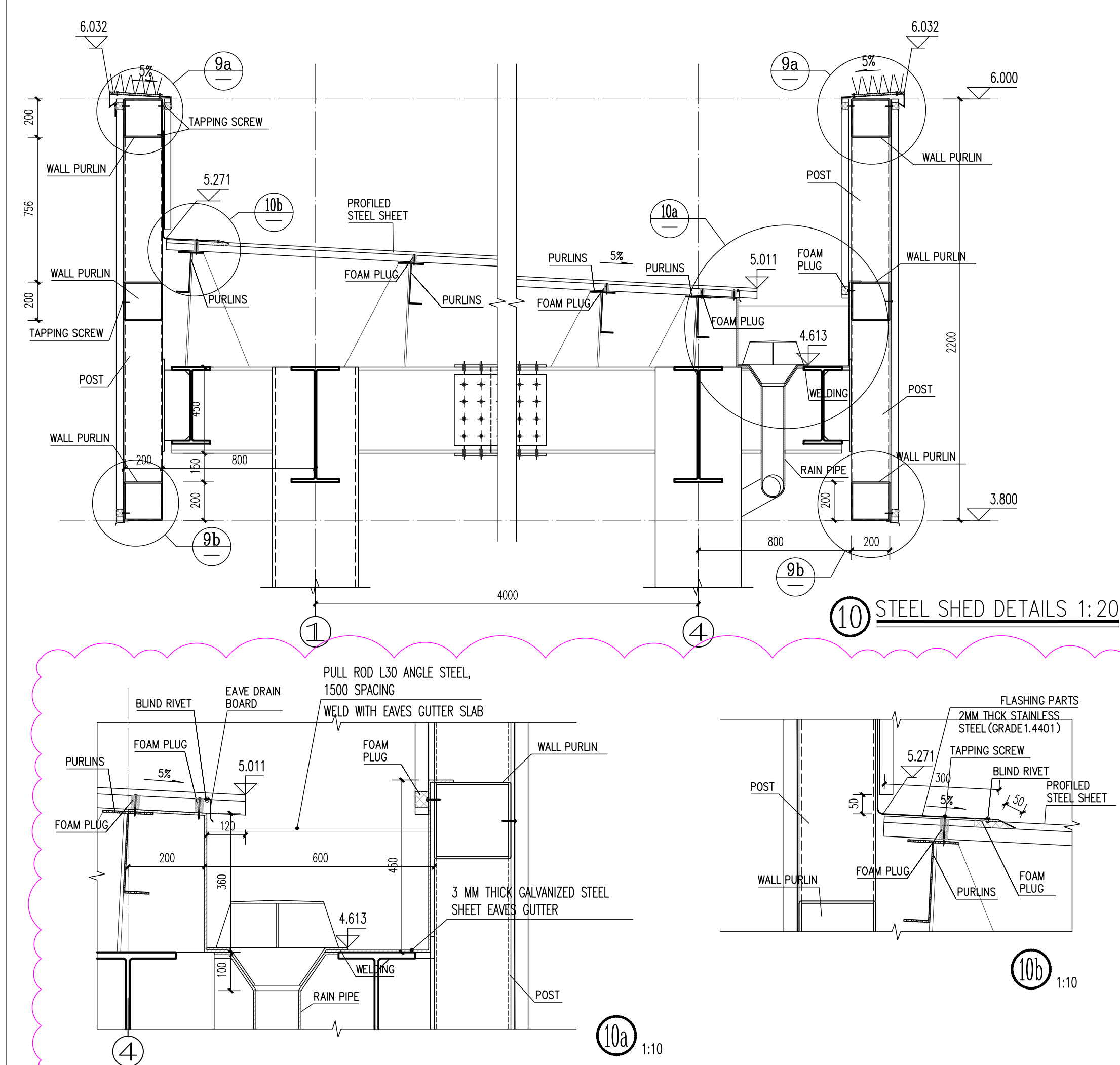
NOTES

1. THE ABSOLUTE ELEVATION OF ± 0 IS 7.02M.
2. ACCORDING "GEOTECHNICAL INVESTIGATION REPORT FOR MAIN GATE AND FREE ZONE AREA WORKS OF THE CAIO NEW PORT PROJECT IN ANGOLA" APPENDIX : B-2, IT CAN BE SEEN THAT THE HIGHEST ASTRONOMICAL TIDE LEVEL OF THE BUS STOP2 IS 3.8M, THE THICKNESS OF THE GROUND CONSTRUCTION METHOD IS 600MM, WITH A DIFFERENCE OF 2.62M BETWEEN THE TWO. THE GROUND CUSHION LAYER IS MUCH HIGHER THAN THE GROUNDWATER LEVEL LINE .
- 3.THE MAIN STEEL ELEMENTS (SUCH AS STEEL COLUMNS, STEEL BEAMS, ROOF PURLINS, WALL PURLINS-->) SHOULD BE DERUSTED IN THE FACTORY. THE STEEL COMPONENTS OF THE BUILDING AND THE EXPOSED METAL COMPONENTS OF THE BUILDING ALL MEET THE C5 ANTI-CORROSION REQUIREMENTS. THE NDOT 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.
- 4.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 $85\mu\text{m}$ (STEEL 5MM THICK AND OVER). THE MINIMUM COATING THICKNESS IS $64\mu\text{m}$ (STEEL UNDER 5MM THICK BUT NOT LESS THAN 2MM).
- 5.THE DETAILED ROOFING SYSTEM (SOLAR PANELS SUPPORTS INCLUDED) WILL BE PREPARED AND DETAILED BY THE SUPPLIER,AND ITS METAL COMPONENTS SHOULD MEET THE C5 CORROSION RESISTANCE REQUIREMENTS, FASTENERS SHOULD BE EFFECTIVELY SECURED AND FIRMLY FIXED. THE WATERPROOF LEVEL AND PERFORMANCE OF SEALING COMPONENTS OF SOLAR SUPPORTS SHOULD BE CONSISTENT WITH THAT OF THE ROOF, AND THE ORIGINAL WATERPROOF SYSTEM SHOULD NOT BE DAMAGED.
- 6.THE RAINWATER PIPE IS MADE OF GALVANIZED STEEL, THE DRAWINGS WILL BE PREPARED AND DETAILED BY THE SUPPLIER. THE ANTI-CORROSION PERFORMANCE SHOULD BE C5 GRADE. THE RAINWATER PIPE CLAMP IS MADE OF METAL AND CAN FIRMLY FIX THE RISER WITH A SPACING OF LESS THAN 1,500MM.
- 7.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.



ENGINEERING PRACTICE TABLE

LOCATION	ITEMS	ARCHITECTURAL DETAILS	MATERIAL PROPERTIES
EXTERNAL WALL	Pa1 PAINTED METAL WALL FOR THE COVER OF THE AWNING.	LIGHT GREY(RAL9006) MOLDED STEEL PLATE. PURLIN.	1. THICKNESS 0.5MM; 2. ANTI-CORROSION GRADE C5;
ROOF	Pv1 METAL ROOF FOR ALL ROOFS.	LIGHT GREY(RAL9006) MOLDED STEEL PLATE. PURLIN.	1. THICKNESS 0.5MM; 2. ANTI-CORROSION GRADE C5;
GROUND	Pv2 CEMENT MORTAR GROUND FOR THE TRAFFIC ISLAND	THE REINFORCED CONCRETE SLAB SHALL BE SLOPED OUTWARD AT A 2% GRADIENT.SURFACE BRUSHED.	1. NOMINAL CONCRETE COVER OF REINFORCEMENT> 5 MM. 2. THE SURFACE SHOULD BE UNIFORM IN TEXTURE; FORMWORK LINERS SHOULD LEAVE NO STAINS ON CONCRETE, SHOULD BE CONNECTED AND FIXED TO THE BACKING, WITHOUT ANY DEFECTS.
COATING	COATING 1 FOR STEEL COLUMN	LIGHT GRAY(RAL9006) COATING.	1. THE SURFACE OF THE BASE MATERIAL SHALL BE THOROUGHLY DERUSTED, AND THE STANDARD SHALL REACH GRADE ST3.0 (FREE OF RUST, OIL STAINS, FLOATING DUST, ETC.) AND SHOW OBVIOUS METALLIC LUSTER. THE SHARP CORNERS, EDGES AND BURS SHALL BE POLISHED SMOOTH TO ACHIEVE ARC TRANSITION. THE WELD JOINTS SHALL BE FREE OF DEFECTS SUCH AS WELDING SLAG AND SPATTER.
	COATING 2 FOR SAFETY RAIL	RETROREFLECTIVE BLACK-YELLOW PAINT, WITH 20CM-WIDE ALTERNATING STRIPES. BLACK (RAL9004) AND YELLOW(RAL1003) .	2. AFTER THE BASE MATERIAL TREATMENT PASSES THE ACCEPTANCE CHECK, THE FIRST COAT OF PAINT SHALL BE APPLIED WITHIN 8 HOURS TO PREVENT SECONDARY RUSTING.
	COATING 3 FOR CURBS	RETROREFLECTIVE BLACK-YELLOW PAINT, WITH 20CM-WIDE ALTERNATING STRIPES. BLACK (RAL9004) AND YELLOW(RAL1003) .	3. THE PAINT HAS TO BE RESISTANT AGAINST ABRASION AND ULTRAVIOLET RADIATION AND HAS TO BE APPROVED BY THE ENGINEER.
			THE PAINT HAS TO BE RESISTANT AGAINST ABRASION AND ULTRAVIOLET RADIATION AND HAS TO BE APPROVED BY THE ENGINEER.



NOTE :

ALL DIMENSIONS SHOWN IN THE DRAWING ARE IN MILLIMETER (MM),
AND ALL LEVELS OR ELEVATIONS ARE IN METER (M) UNLESS
OTHERWISE SPECIFIED.

LEGENDS

	STEEL COLUMN
	STORMWATER STACK PIPE

Engineer Approval Codes			
Code Nr	Condition	Signature	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.		
01	Revised according to RAD-CRBC-120A(ARCH Part)	23/03/2025	2-11
00	First Submittals	20/12/2024	2-11
REVISION	DESCRIPTION	DATE	CHECKED
EMPLOYER			
Caioporto S.A. Avenida Comandante Gika n°150 CP 1276 Sagrada Familia Luanda, Angola			
EMPLOYER'S REPRESENTATIVE/ENGINEER			
CONSULTANT			
CONTRACTOR			
China Road and Bridge Corporation R. Ferno Mendes Pinto 55 Alvalade, Luanda, Angola Fax: +244 22 232 7003 http://www.crbc.com/			
PROJECT			
The Project of the New Port of Caio in Cabinda			
DRAWING TITLE			
Onshore Buildings, Bus Stop2 Plans and Engineering Practice Table			
DATE	DESIGNED BY	DRAWN BY	CHECKED BY
23/03/2025	23/03/2025	23/03/2025	23/03/2025
NAME	As shown	As shown	As shown
DESIGN STAGE	DETAILED DESIGN		
SCALE	As shown		
DRAWING N°	LOT1_DD_1024-A-02		