







**NOTES:**

1. THE SIZE OF THE OPENING OF THE OUTER EAVES AND WINDOWS INDICATES THE SIZE OF THE OPENING.
2. ALL DOORS AND WINDOWS ARE EQUIPPED WITH MATCHING HARDWARE ACCESSORIES. DOORS AND WINDOWS AND ALL METALLIC COMPONENTS (HARDWARE, LEAFS, THRESHOLDS, PROFILES ETC) HAS TO MEET THE C5 ANTI-CORROSION REQUIREMENTS. DOORS AND WINDOWS HAS TO BE SEALED ON ALL FOUR SIDES.
3. ACCESS DOORS:  
A) DOUBLE-SKINNED INSULATED STEEL DOOR, SINGLE-LEAF, TIGHT-FITTING, WARP AND WEATHERRESISTANT.  
B) GALVANIZED STEEL SHEETS  $\geq 1.5$  MM.  
C) U-VALUE  $\leq 5.00$  W/M<sup>2</sup>K (HEAT TRANSFER COEFFICIENT) OF WHOLE DOOR.  
D) RESISTANCE TO WIND PRESSURE AS REQUIRED IN ACCORDANCE TO EN 12424 AND STATIC CALCULATIONS. WIND PRESSURE RESISTANCE LEVEL OF THE DOOR IS 3.
4. DOUBLE GLAZING WINDOWS:  
A) TILT AND TURN WINDOWS, OPENING INWARDS; PUSH-AND-PULL WINDOW. THE HIGH WINDOWS IN THE TOILET ARE INWARD-OPENING BOOTOM-HUNG WINDOWS.  
B) PLASTIC STEEL AND DOUBLE GLAZING (6LOW-E+12Ar+6) WITH CLEAR INSULATION GLASS, ARGON-FILLED VOID BETWEEN UV-TRANSMISSION  $\leq 20\%$ .  
C) U-VALUE  $\leq 1.70$  W/M<sup>2</sup>K (HEAT TRANSFER COEFFICIENT) OF WHOLE WINDOW.  
D) GLASS IS GREY.
5. ALL THE DOOR AND WINDOWS SHOULD BE SUPPLIED BY THE SUPPLIER AND RELEVANT MANUALS. WHEN THE MATERIAL SPECIFICATIONS HAS TO BE DEFINED (TYPE OF SOUND REDUCTION AND WIND RESISTANCE, ETC) OR REPORTS SHOULD BE PROVIDED. PURCHASE ORDERS CAN BE PLACED AND CONSTRUCTION CAN BE COMMENCED ONLY AFTER THE APPROVAL OF PRODUCT BY THE ENGINEER.

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.		
01	Revised according to RAD-CRBC-129 (ARCH Part)	23/03/2025	✓ - 明
00	First Submittals	20/12/2024	✓ - 明
REVISION	DESCRIPTION	DATE	CHECKED
EMPLOYER			
 <div>PORTO DE <b>CAIO</b> CABINDA</div>		<b>Caioporto S.A.</b> Avenida Comandante Gika n°150 CP 1276 Sagrada Família Luanda, Angola	
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CONTRACTOR		 <div>China Road and Bridge Corporation R. Femao Mendes Pinto 55 Avalade, Luanda, Angola Fax: +244 22 232 7003 http://www.crbc.com/</div>	
PROJECT			
The Project of the New Port of Caio in Cabinda			
DRAWING TITLE			
Onshore Buildings_Free Zone Gate 2 Doors and Windows Details			
	DESIGNED BY	DRAWN BY	CHECKED BY
DATE	23/03/2025	23/03/2025	23/03/2025
NAME	陈	吴佳建	陈 - 明
DESIGN STAGE	DETAILED DESIGN		
	SCALE	DRAWING N°	
	1:20	LOT1_DD_1027-A-05	