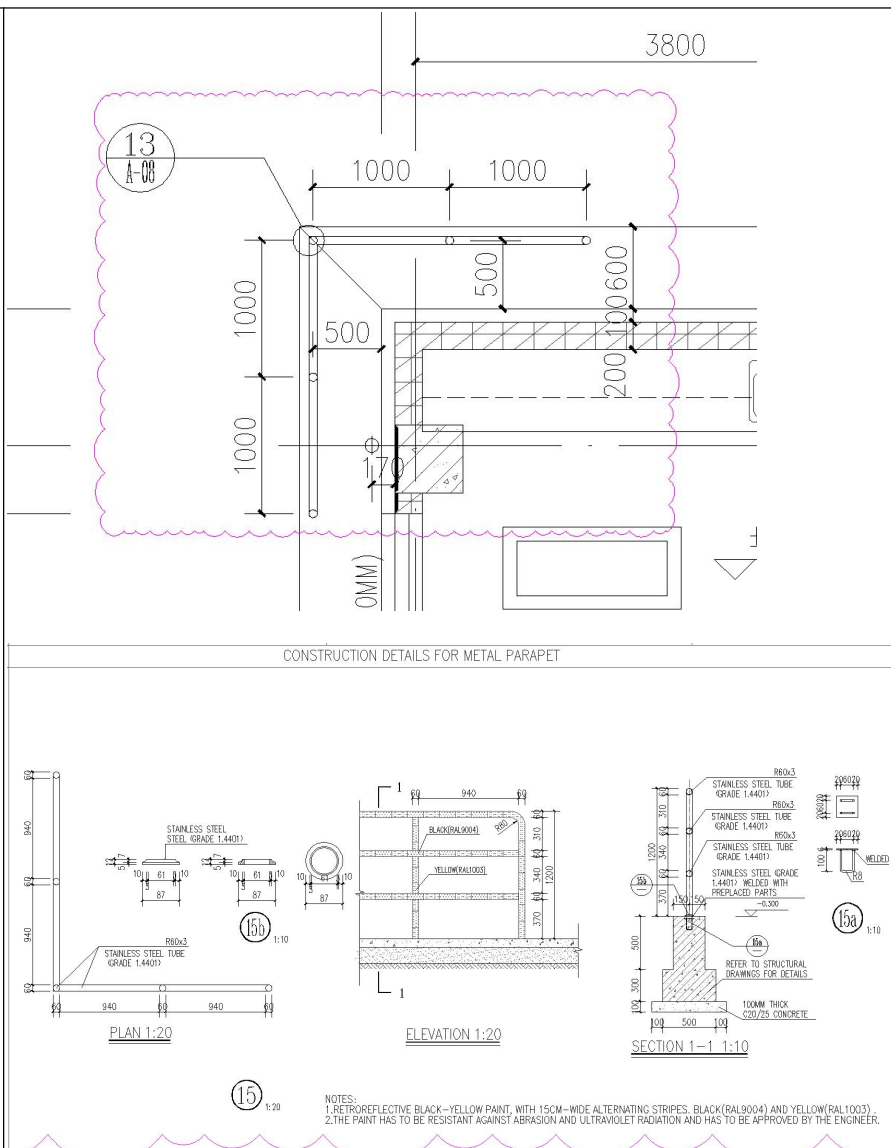


RESPONSE TO THE CONSULTANT'S DESIGN REVIEW COMMENTS						DATE		23.03, 2025				
PROJECT NAME: The Project of the New Port of Caio in Cabinda												
MAIN SUBJECT: RESPONSE TO CONSULTANT'S DESIGN REVIEW COMMENTS RAD-CRBC-135 DD PERSONAL GATE_SE20250314 (ARCH PART)						SECTION OF PROJECT		LOT 1 LOT 2 LOT 3 OTHER <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
ROAD NETWORK	CIVIL	FIRE PROTECTION	ELECTRICAL	INSTRUMENT	STRUCTURAL	MECHANICAL PROCESS	HVAC	PLUMBING	GEOTECHNICAL	ESTIMATING	PROJECT	OTHER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PREPARED BY: DESIGN TEAM OF CRBC CAIOPORT PROJECT MANAGEMENT						REVIEW DOCUMENT REF. & DATE OF THE CONSULTANT		RAD-CRBC-135 DD PERSONAL GATE_SE20250314 (ARCH PART)				
REVIEWER BY: Gao Changsheng / CHIEF ENGINEER OF CRBC CAIOPORT PROJECT MANAGEMENT						CONTRACTOR'S RESPONSE REF.		RAD-CRBC-135A(ARCHITECTURE) DETAIL DESIGN OF PERSONAL GATE				
COMMENT NUMBER	DRAWING, SPECIFICATION, OR PAGE NUMBER	CONSULTANT'S COMMENT & CONTRACTOR'S RESPONSE				A	AGREED			CONTRACTOR'S ACTION		
						C	CLARIFICATION					
						S	SUBMIT SUPPLEMENTARY INFO LATER					
						E	EXCEPTION					
1		General										
	LOT1_DD_1021-A-00	<p>GENERAL COMMENT FOR ALL DESIGN DRAWINGS</p> <p>- Please refer and address the comments from RAD.CRBC-144 DD Workshop SE20250228 (ARCH Part) and L1 SE CCD00123 RAD144 20250228 and subsequent buildings replies</p> <p>Add coordination plans for all the utilities and details for different utilities crossings, heights, dimensions, position of final fixtures, etc</p> <p>Add details of utilities penetrations in the walls (heights, dimensions, etc);.</p> <p>Add on the floor plan position of different vertical utilities, dimensions, details, etc;</p> <p>- Please align with SERIES 0300 and 3300 requirements</p> <p>Response: Accepted. The drawings have been deepened with SERIES 0300 and 3300 requirements. The drawings related to utilities (such as the coordination plans for all the utilities and details for different utilities crossings, heights, etc, details of utilities penetrations in the walls (heights, dimensions, etc) have been provided</p>							A			
	LOT1_DD_1021-A-02	<p>1. Seire 3305-3 Is accidental impact loads here an issue?</p> <p>Response: Accepted. Add anti-collision posts at the four corners of the building.</p>							A			



2. check the facility name

Response: Accepted. It has been revised.

3. where is the designated place for collecting the domestic wastes?

review the width of the sidewalk on this regard

Response: Accepted. They have been added in Site Plan.

4. Filling is not consistent

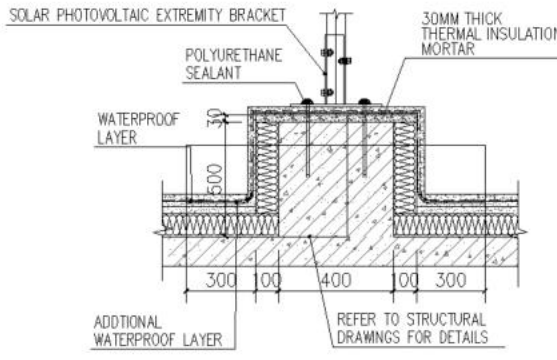
Response: Accepted. It has been revised.

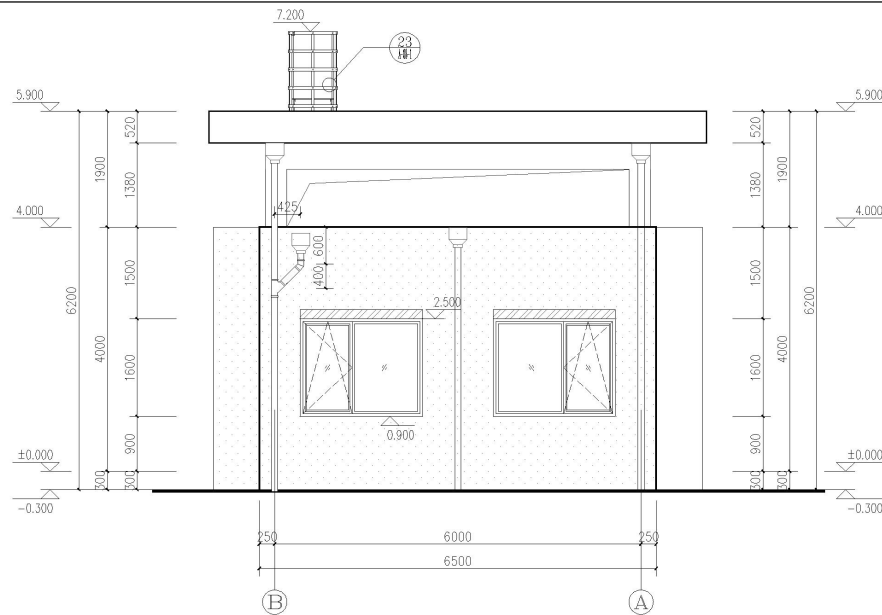
5. Covered walkway should be at least 3.5m wide in the passage to the entrance

Response: Accepted. It has been revised. Covered walkway is 4.0m wide in the passage to the entrance

7. Sidewalk should be included in front of the personal gate for security control during rush hours

		<p>Response: Accepted. It has been revised.</p>					
	<div>LOT1_DD_1021-A-03</div>	<p>add supplementary relevant sections</p> <p>Response: Accepted. It has been added.</p> <p>add threshold details</p> <p>Response: Accepted. It has been added.</p> <table><tr><th>DETAILS FOR ENTRANCE THRESHOLD</th><th>DETAILS FOR TOILET THRESHOLD</th></tr><tr><td><p>12MM THICK CERAMIC ANTI-SLIP TILE, 1:1 CEMENT PASTE POINTING 20MM THICK 1:3 CEMENT MORTAR 150MM THICK C35/45 REINFORCED CONCRETE (R10-200) 100MM THICK C12/15 CONCRETE PLAIN SOIL COMPACTION</p><p>INSIDE 200 100 DOORSTONE OUTSIDE -0.020</p><p>0.4MM THICK POLYETHYLENE FILM</p><p>MUS CONCRETE HOLLOW BRICK (CONCRETE FILLING C20/25)</p><p>EXPANDED POLYSTYRENE GASKET</p><p>12 1:10</p></td><td><p>12MM THICK CERAMIC ANTI-SLIP TILE, 1:1 CEMENT PASTE POINTING 20MM THICK 1:3 CEMENT MORTAR 150MM THICK C35/45 REINFORCED CONCRETE (R10-200) 100MM THICK C12/15 CONCRETE PLAIN SOIL COMPACTION</p><p>GUARD'S ROOM 200 DOORSTONE TOILET -0.020</p><p>0.4MM THICK POLYETHYLENE FILM</p><p>MUS CONCRETE HOLLOW BRICK (CONCRETE FILLING C20/25)</p><p>EXPANDED POLYSTYRENE GASKET</p><p>13 1:10</p></td></tr></table> <p>- recheck the slopes as it can't work together for having the designed ramps</p> <p>- check the ramp requirements for disability access</p> <p>Response: Accepted. It has been revised. Modify the elevation of the entrance. The slope of the ramp should be 6%, meeting the requirements for disability access.</p>	DETAILS FOR ENTRANCE THRESHOLD	DETAILS FOR TOILET THRESHOLD	<p>12MM THICK CERAMIC ANTI-SLIP TILE, 1:1 CEMENT PASTE POINTING 20MM THICK 1:3 CEMENT MORTAR 150MM THICK C35/45 REINFORCED CONCRETE (R10-200) 100MM THICK C12/15 CONCRETE PLAIN SOIL COMPACTION</p> <p>INSIDE 200 100 DOORSTONE OUTSIDE -0.020</p> <p>0.4MM THICK POLYETHYLENE FILM</p> <p>MUS CONCRETE HOLLOW BRICK (CONCRETE FILLING C20/25)</p> <p>EXPANDED POLYSTYRENE GASKET</p> <p>12 1:10</p>	<p>12MM THICK CERAMIC ANTI-SLIP TILE, 1:1 CEMENT PASTE POINTING 20MM THICK 1:3 CEMENT MORTAR 150MM THICK C35/45 REINFORCED CONCRETE (R10-200) 100MM THICK C12/15 CONCRETE PLAIN SOIL COMPACTION</p> <p>GUARD'S ROOM 200 DOORSTONE TOILET -0.020</p> <p>0.4MM THICK POLYETHYLENE FILM</p> <p>MUS CONCRETE HOLLOW BRICK (CONCRETE FILLING C20/25)</p> <p>EXPANDED POLYSTYRENE GASKET</p> <p>13 1:10</p>	A
DETAILS FOR ENTRANCE THRESHOLD	DETAILS FOR TOILET THRESHOLD						
<p>12MM THICK CERAMIC ANTI-SLIP TILE, 1:1 CEMENT PASTE POINTING 20MM THICK 1:3 CEMENT MORTAR 150MM THICK C35/45 REINFORCED CONCRETE (R10-200) 100MM THICK C12/15 CONCRETE PLAIN SOIL COMPACTION</p> <p>INSIDE 200 100 DOORSTONE OUTSIDE -0.020</p> <p>0.4MM THICK POLYETHYLENE FILM</p> <p>MUS CONCRETE HOLLOW BRICK (CONCRETE FILLING C20/25)</p> <p>EXPANDED POLYSTYRENE GASKET</p> <p>12 1:10</p>	<p>12MM THICK CERAMIC ANTI-SLIP TILE, 1:1 CEMENT PASTE POINTING 20MM THICK 1:3 CEMENT MORTAR 150MM THICK C35/45 REINFORCED CONCRETE (R10-200) 100MM THICK C12/15 CONCRETE PLAIN SOIL COMPACTION</p> <p>GUARD'S ROOM 200 DOORSTONE TOILET -0.020</p> <p>0.4MM THICK POLYETHYLENE FILM</p> <p>MUS CONCRETE HOLLOW BRICK (CONCRETE FILLING C20/25)</p> <p>EXPANDED POLYSTYRENE GASKET</p> <p>13 1:10</p>						
	<div>LOT1_DD_1021-A-04</div>	<p>1. - no dimensions and elevations for setting up the screeding</p> <p>Response: Accepted. Dimensions and elevations have been added.</p> <p>2. - details for penetrations missing; penetrations has to be confirmed on the structural design</p> <p>Response: Accepted. Details have been added.</p> <p>- details of equipment supports missing</p> <p>Response: Accepted. Details have been added.</p> <p>3. -no dimensions and elevations for setting up the screeding</p> <p>Response: Accepted. Dimensions and elevations have been added.</p> <p>4. detail for photovoltaic system supports are missing</p> <p>Response: Accepted. Details have been added.</p>	A				

		<p>CONSTRUCTION DETAILS FOR SOLAR PHOTOVOLTAIC</p>  <p>NOTE: SOLAR PHOTOVOLTAIC AND SUPPORTING INSTALLATION FACILITIES SHOULD BE PROVIDED BY THE SUPPLIER.</p>	
	LOT1_DD_1021-A-05	<p>1. The turnstile should be wide enough/considered in such a way as to ensure for disability access. Response: Accepted. Added stainless steel (grade 1.4401) one-way revolving turnstile.</p> <p>2. Where is air conditioning? Response: Accepted. Air conditioning has been shown in the drawing.</p> <p>3. detail? heights? dimensions? Response: Clarification. Confirm with the HVAC engineer that this louver has been cancelled.</p> <p>4.in the Design report 9010 Response: Accepted. It is RAL9016 and has been revised.</p>	A
	LOT1_DD_1021-A-06	<p>1. missing detail of the rainwater fixation system Response: Accepted. Detail of the rainwater fixation system has been added.</p>	A



2. - add proper detail and coordinate with plumbing design - refer to LOT1_DD_1021-P-04 and LOT1_DD_1021-P-05

Response: Accepted. It has been coordinate with plumbing design and has been revised.

3. roof is exposed on 3 sides - not acceptable for the rain water from the roof to dripdown on the facade unto walkway - add parapet and collect it through the rainwater system; adjust the slopes accordingly

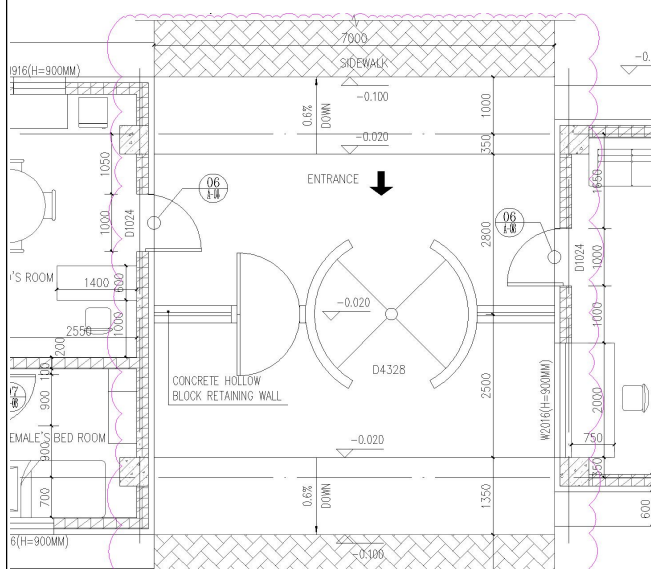
Response: Accepted. It has been revised, add parapets and downspouts to implement organized drainage.

4. what are the considerations for accessing the roofs for maintenance?

Response: Accepted. Add ladder to roof.

5. where is this step in plan?

Response: Accepted. It has been revised.



6. missing details of the turnstile

Response: Accepted. Add the turnstils details LOT1_DD_1021-A-09.

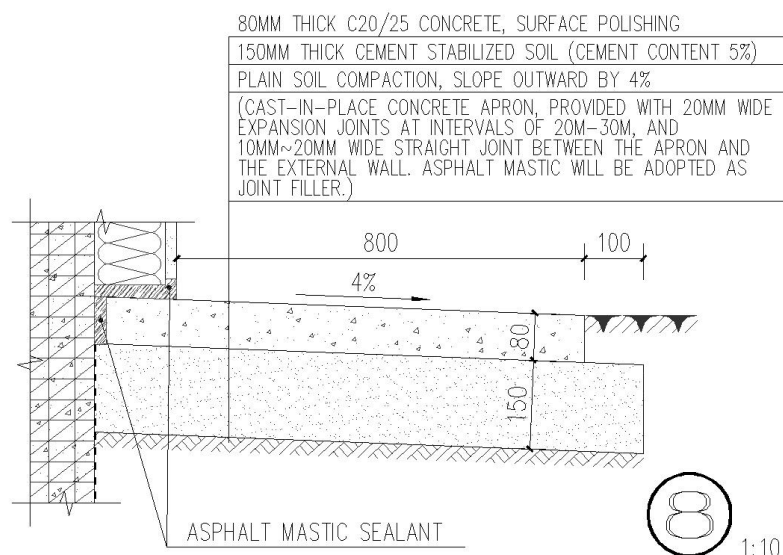
7. Please recheck/revise the section 1-1, add dimensions and elevations, add all relevant details, correlate it with structural and MEP design, etc

Response: Accepted. Had been revise the drawings and added services coordination plan.

8.- missing detail

Response: Accepted. It has been added.

CONSTRUCTION DETAILS FOR APRON



1. Window clashes with faucet. Move the faucet to the left

Response: Accepted. It has been revised.

2. raise the ceiling to meet the window top

Response: Accepted. It has been revised.

3. window opening wrong. See next page

Response: Accepted. It has been revised.

4. Window clashes with faucet. Move the faucet to the left

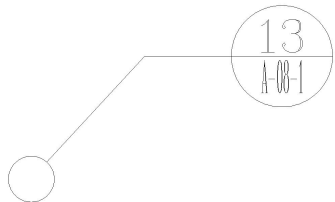
Response: Accepted. It has been revised.

5. - coordinate with MEP design - ceiling details missing

LOT1_DD_1021-A-07

A

		<u>Response:</u>Accepted. Had coordinated with MEP design and added services coordination plan.	
	LOT1_DD_1021-A-08	<p>1. layers? dimensions?</p> <p><u>Response:</u>Clarification,For information such as the height of the detailed construction layers, please refer to “ENGINEERING PRACTICE TABLE” -Pv6 Roof.</p> <p>2. drain outlet detail?</p> <p><u>Response:</u>Accepted. It has been revised. Add details in LOT1_DD_1021-A-08</p> <p>3. detail for fixation?</p> <p><u>Response:</u>Accepted. It has been revised.</p> <p>4.the detail has no defined layers,dimensions, etc</p> <p><u>Response:</u> Clarification,For information such as the height of the detailed construction layers, please refer to “ENGINEERING PRACTICE TABLE”</p> <p>4. waterproofing missing</p> <p><u>Response:</u>Accepted. It has been added.</p> <p>5. should be detailed and confirmed in structural design</p> <p><u>Response:</u>Accepted. Structural had designed in drawings.</p> <p>6. the detail has no defined layers, dimensions, etc</p> <p><u>Response:</u> Clarification,For information such as the height of the detailed construction layers, please refer to “ENGINEERING PRACTICE TABLE”</p> <p>7. preplaced? details?</p> <p><u>Response:</u>Accepted. Add details. It has been reveised.</p> <p>8. details?</p> <p><u>Response:</u>Accepted. Add details. It has been reveised.</p> <p>10.the details could not be identified on the plans -there is no labeling/markig of the position on the plans of the relevant details</p> <p><u>Response:</u>Clarification.Please refer in detail to the index number.The upper part is the serial number, and the lower part is the drawing number.</p>	A

			
	LOT1_DD_1021-A-09	<p>1. Seire 3311 Tilt and Turn window <u>Response:</u>Accepted. It has been revised.</p> <p>2. this is correct from outside. <u>Response:</u>Accepted. It has been revised.</p> <p>3. Seire 3311 Tilt and Turn window <u>Response:</u>Accepted. It has been revised.</p> <p>4. The turnstile should be wide enough/ considered in such a way as to ensure for disability access. <u>Response:</u>Accepted. Add accessible passage doors for disability access.</p> <p>5.missing details for lintel <u>Response:</u> Clarification.Concrete lintel. Structural had designed in drawings.</p>	A
	LOT1_DD_DR_1021-A-01	<p>include Serie 3300 and 3600 Deviations should be listed in the description <u>Response:</u> Accepted. It had been added.</p> <p>not accurate <u>Response:</u>Accepted. It had been added.</p> <p>LOT1_DD_1021-A-05 shows 9016 <u>Response:</u> Accepted. It is RAL9016 and has been revised.</p> <p>Uncomprehensible <u>Response:</u> Clarification.Construction detail requirements.</p> <p>3311-11 sheer plastic window is not accepted? <u>Response:</u> Clarification. Windows are Plastic steel and double glazing with clear insulation glass.</p> <p>sound reduction>=35dB <u>Response:</u> Accepted. These explanations have been added.</p> <p>3311 U-Value<=0.6 <u>Response:</u> Clarification. According to the meeting minutes document” 2024-06-03_Meeting Protocol CRBC Visit_lhe”, heat transfer</p>	A

		coefficient of whole window U-value =1.7 W/m²K.	
--	--	--	--