

# LONG CENTER NATATORIUM RENOVATION (21-0026-PR)



# City Field Trip to FAST (Florida Aquatics Training & Training) Ocala, FL





## Option 1 (N&W Elevations)



## Option 1 (East Elevation)



## Option 1 (Interior & North Elevation)





## Design Option 2 (Reduced Fenestration, N&W Elevations)



## Option 2 with Enclosed Sun-Deck (N&W Elevations)



## Option 2 Interior with Enclosed Sun-Deck





## Option 2 (East Elevation)



## Option 2 (Interior & North Elevation)



2 DETAIL - TYPICAL TPO ROOF ASSEMBLY

3 TYP. NORTH ROOF EDGE

1 QFT 2 - ROOF PLAN

[illegible]

7463	NOTE
8210	LOUVERED ROOF EQUIPMENT SCREEN WALL, HEIGHT TO BE DETERMINED
8261	82 ML SINGLE PLY TPO ROOF MEMBRANE
8262	12" ROOF EXTENSION, REFER TO SECTION DETAIL
8263	TOP OF TRUSS BELOW
8265	PHOTOVOLTAIC ARRAY
8267	PROVIDE STEEL SUPPORT FRAMES FOR DUCTWORK @ 48" O.C.
8268	LOUVERED ROOF EQUIPMENT SCREEN WALL, HEIGHT TO BE DETERMINED



**LONG CENTER NATATORIUM**

CITY OF CLEARWATER

CITY OF CLEVELAND  
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A-505

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1. **Identify the problem.** The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.

2. **Define the problem.** Once the problem is identified, it is important to define it clearly. This involves specifying the scope of the problem and the goals that need to be achieved.

3. **Generate solutions.** The next step is to generate potential solutions. This involves brainstorming ideas and considering different approaches to solving the problem.

4. **Evaluate solutions.** Once potential solutions have been generated, they need to be evaluated. This involves comparing the solutions against the goals and the constraints of the problem.

5. **Implement the solution.** The final step is to implement the chosen solution. This involves putting the solution into practice and monitoring its progress.



# SUMMARY

## Staff's Recommendation: Option 2

- Architect's Estimate of Construction Cost Saving: \$1.1 Million
- Architect's Estimate of Annual Energy Savings: \$20,000/yr.
- Reduced Solar Heat Gain (green house effect)
- Optimum Natural Lighting Without Excessive Glare and Heat
- Reduced Building Maintenance