



CONSULTING SERVICES FOR CONSOLIDATED FACILITIES MAINTENANCE BUILDING AT PEV SOLICITATION PNC2116532P1



 THE CARTAYA TEAM

Louis Berger

LANGAN

Kimley-Horn

CMS

EAC

MC LAUGHLIN ENGINEERING CO.
SURVEYORS-ENGINEERS-LAND PLANNERS

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PORT EVERGLADES
BROWARD COUNTY, FLORIDA
Florida's Powerhouse Port

BROWARD
COUNTY
FLORIDA

OUR TEAM



CARTAYA & ASSOCIATES ARCHITECTS, P.A. Prime/Architecture



Mario Cartaya
CEO/Designer



Marvin Scharf
Senior Architect/
Project Manager



Juan Justiniano
Vice President/
Operations



Tony Herrero
Senior Architect/
Project Architect

LOUIS BERGER
Structural/MEP/
HAZMAT



Larry DeRose

EAC
Civil
Engineering



Mike Adeife

KIMLEY-HORN
Traffic
Engineering



Chris Heggen

LANGAN
Geotechnical
Engineering



Cristina Gonzalez

MCLAUGHLIN
Surveying
Land Planning



Scott McLaughlin

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Landscape
Architecture



Chang Du

CMS
Cost Estimating
Value Engineering



Keith Emery



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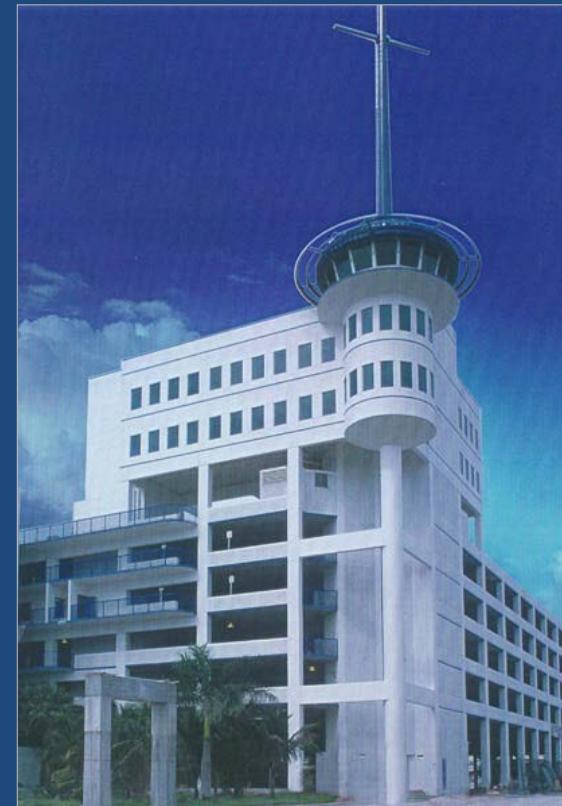
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TEAM PORT EVERGLADES EXPERIENCE



OVER **20** PORT EVERGLADES PROJECTS
1981-Present

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TEAM MAINTENANCE FACILITY EXPERIENCE



Broward County Parks
Maintenance Facilities



City of Plantation
Consolidated Utilities & EETC



City of Sunrise
Gas Administration Center



City of Miramar Fleet Maintenance



City of Miramar Public Works



FXE Maintenance Facility



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TEAM MAINTENANCE FACILITY EXPERIENCE



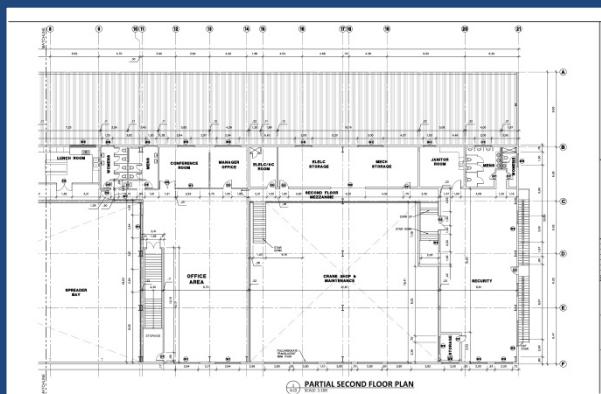
Miami Shores Motor Pool



Coral Springs Westside Maintenance Facility



CBRP Maintenance Building



Anaklia Deep Sea Port
Maintenance Repair, Georgia



Shore Operations & Administration
Building, US Coast Guard, WA



P-612 VMX Maintenance Hangar
Naval Facilities Engineering
Command Southwest, CA

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TEAM MAINTENANCE FACILITY EXPERIENCE



Broward County Highway & Bridge Maintenance Facility



Broward County Schools North Area Bus Maintenance



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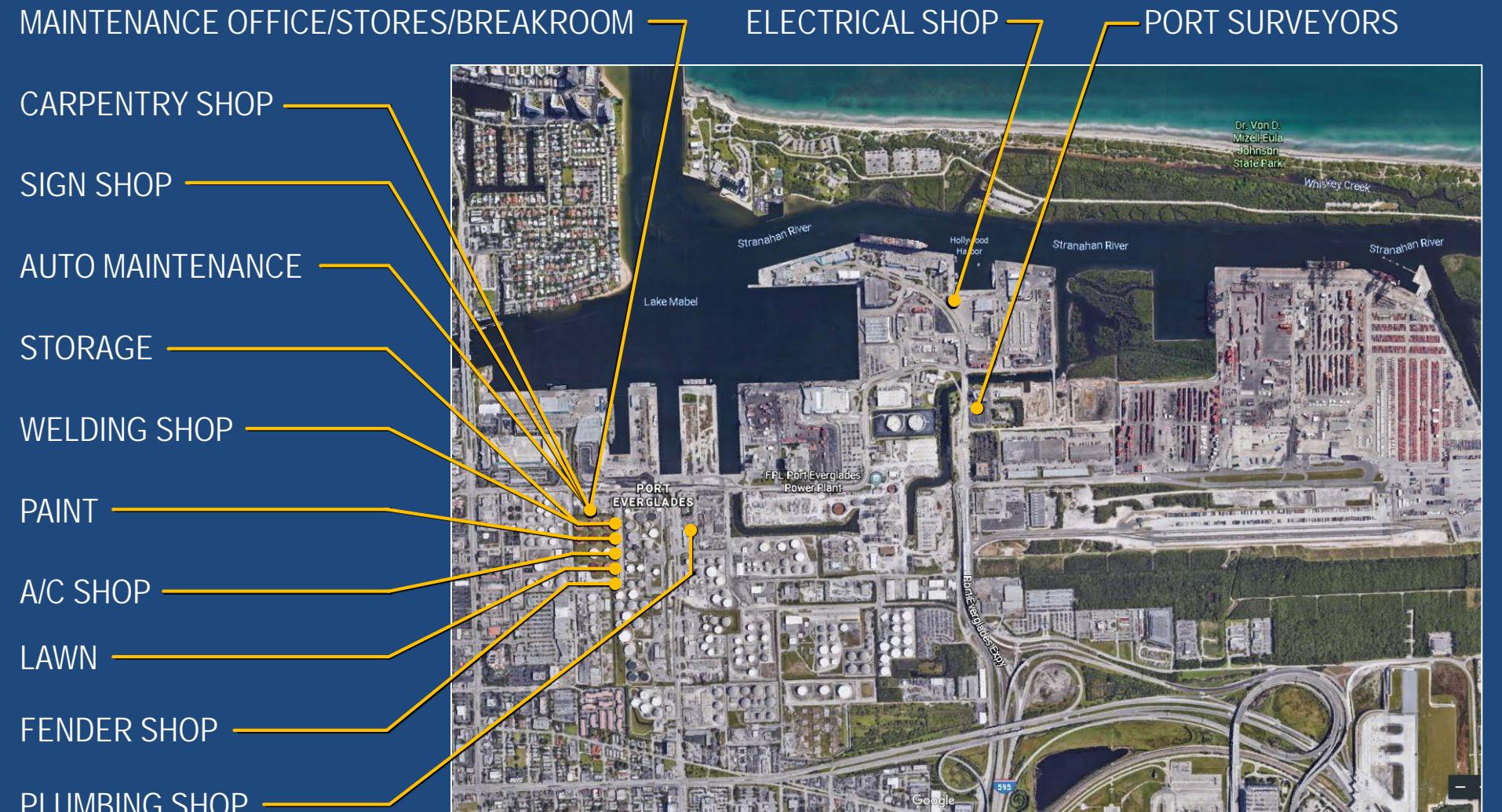
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EXISTING PEV MAINTENANCE OPERATIONS



CURRENT KNOWLEDGE

► HVAC/ELECTRICAL

- Techs need training on new systems and controls
- Training room needed

► PLUMBING

- Plumbers work on buildings and Civil Utilities
- Need training on controls
- Training room needed

► FENDER SHOP

- Proper facilities/paint booth needed to coat metal parts

► PAINT SHOP

- Proper facilities/paint booth needed to paint parts

► SIGN SHOP

- Cramped space
- Equipment is old

► CARPENTRY SHOP

- Current shop is crowded

► DIVE SHOP

- Tank fill and scuba equipment

► VEHICLE MAINTENANCE SHOP

- Currently light maintenance
- No engine overhaul facility
- Older equipment
- No overhead crane
- No bulk stores for oil

► WELDING

- Small shop area
- OK for welding small parts only

► CRANES

- Crane maintenance is outsourced; has separate offices in Southport
- They do keep parts for the cranes but it's small
- No specific place to work on heavy equipment
- Training area set up for the cranes

► FUELING

- Gasoline/propane/electric vehicles

► STORAGE

- Indoor/Outdoor/Specialty



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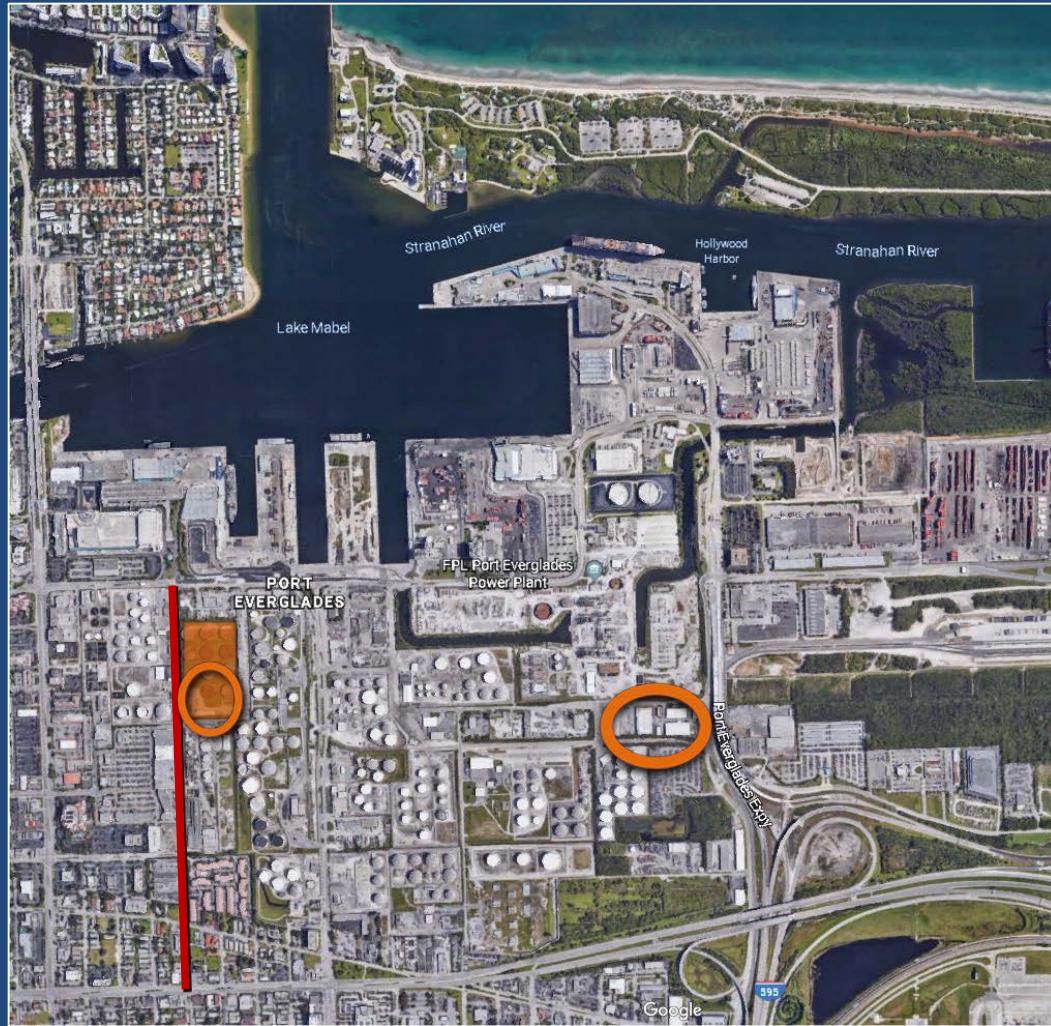
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CONSOLIDATION CONSIDERATIONS



- ▶ CONFIGURATION & PROGRAM IS BASED ON PORT MASTER PLAN PROGRAM FOR THE FUTURE
- ▶ NUMBER OF DEPARTMENTS/NUMBER OF PERSONNEL
- ▶ OUTSOURCED SERVICES
- ▶ PARKING (STAFF /OPERATIONS/VISITORS)
- ▶ OUTDOOR STORAGE/BONEYARD
- ▶ BETTER DELIVERY OF PREVENTATIVE, ROUTINE & EMERGENCY MAINTENANCE
- ▶ MORE CONTROL OVER INVENTORY TRACKING & WAREHOUSING
- ▶ SAFEGUARDING OF ASSETS

SITE SELECTION CONSIDERATIONS



- ▶ SITING AWAY FROM THE WATER FRONT
- ▶ EASY ACCESS FROM NON-SECURE & SECURE LOCATIONS
- ▶ ESSENTIAL FACILITY FLOOD ELEVATION
- ▶ SUSTAINABILITY/RISING WATER
- ▶ PROJECTED GROWTH/USES



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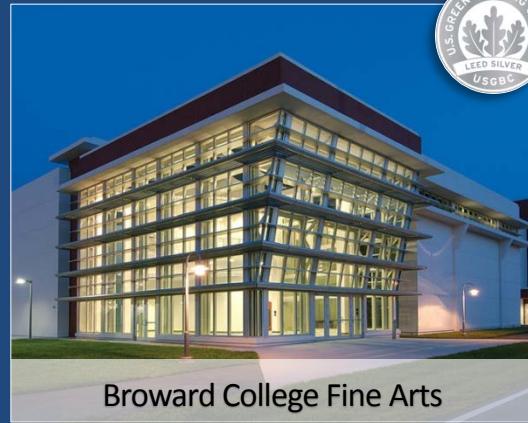
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DOZENS OF COMPLETED BIM & LEED PROJECTS



FLL Terminal 2 Baggage Handling Syst.



Broward College Fine Arts



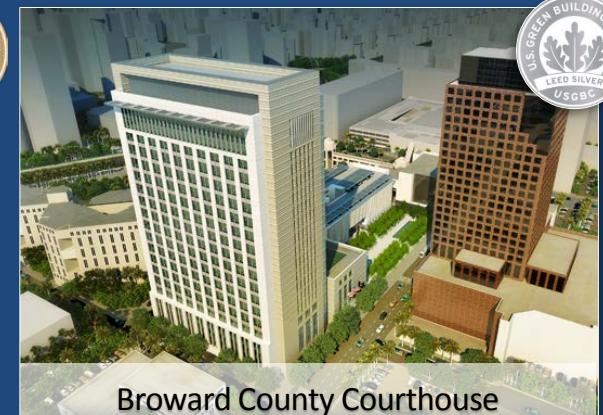
Plantation EETC



Port Everglades T2 & T4 Parking Garage



Miramar Police Headquarters



Broward County Courthouse

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SUSTAINABLE
DESIGN

WHY US?

- ▶ EXTENSIVE MAINTENANCE FACILITY EXPERIENCE
- ▶ EXTENSIVE PORT EVERGLADES & BROWARD COUNTY EXPERIENCE
- ▶ LOCAL PRIME & CONSULTANTS YOU KNOW & TRUST

WE WANT TO BE YOUR DESIGN TEAM!



THE CARTAYA TEAM

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