

# Penny Sales Tax Initiative



# Murdock Middle School Lightning Protection



## Examples of possible incurred costs due to lightning/surge events:

<b>System</b>	<b>System Replacement</b>
• Fire Alarm	Up to \$25,000
• Telephone/Public Address	\$25,000 to \$35,000
• Chiller (HVAC)	\$150,000 per chiller
• DDC Controls (HVAC)	\$130,000 to \$140,000
• Security Cameras/DVR's	\$240,000 to \$260,000
• Security	Up to \$50,000
• Servers/computers	Up to \$500,000
• Promethean Boards	Up to \$350,000

Note: Costs shown above may not reflect expenses related to the infrastructure necessary to support the system (i.e. wiring, cabling).

# Port Charlotte Middle School Replacement



20<sup>th</sup> Century

vs



21<sup>th</sup> Century











Are you secure?



Classroom Security Function Lock Sets





**SAFE SECURE  
SCHOOLS**



**Front Entry**

**Access  
Control**

**ALL VISITORS  
MUST  
REPORT TO THE  
MAIN OFFICE.  
VIOLATORS MAY BE PROSECUTED  
FOR CRIMINAL TRESPASS  
TEXAS PENAL CODE 30.05  
OR  
TRESPASS ON CC**



# LEADERS

# A



DEEP CREEK ELEMENTARY SCHOOL  
WELCOMES OUR COMMUNITY  
PARENTS AND VISITORS  
FOR THE SAFETY OF OUR STUDENTS  
EVERYONE MUST CHECK IN AT THE MAIN





**WELCOME**  
EVERY PERSON MUST  
CHECK IN AT THE OFFICE  
BEFORE ENTERING  
THE HALLS  
OR CLASSROOMS



SURVEILLANCE  
Cameras In  
Use

LATE STUDENTS  
Please report to the  
Main Office  
←

NOTICE  
Unauthorized  
Access  
Prohibited

LATE STUDENTS  
Please report to the  
Main Office  
←

NOTICE  
Unauthorized  
Access  
Prohibited



SOCHI WINTER GAMES  
2014



Armenia



Austria



Hungary



Brazil

DIRECTORY

101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----







Main  
Office

Main Office  
All Visitors  
C

WELCOME TO  
PORT CHARLOTTE MIDDLE SCHOOL









PLEASE DO NOT SMOKE  
• The school will be closed if the  
• Please keep your car for your safety  
• Please do not drink & drive  
• Please do not use your cell phone  
• Be prepared to work

← OFFICE

STUDENT BODIES

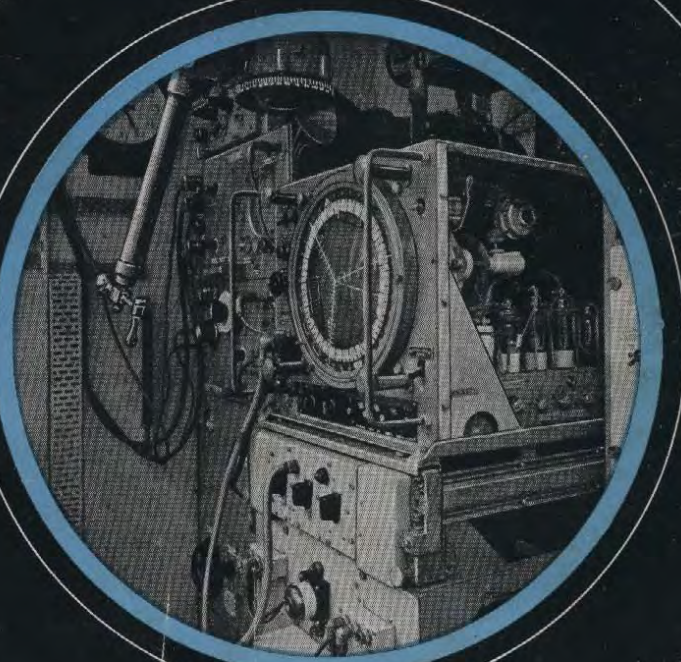
STUDENT BODIES

# Wireless Access Point Upgrade



# Wireless World

RADIO and ELECTRONICS



NOV. 1945

IN THIS ISSUE: GRAPHICAL FILTER DESIGN

1/6

Vol. LI, No. 11

# The Wireless World <sup>4D</sup>

AND RADIO REVIEW

The Paper for Every Wireless Amateur

Wednesday, March 28th, 1945.

Put an extra line to your list and benefit every month by getting the latest news, or by easy payments.

Write to: F. K. Co., Ltd., 21, St. John Street, London, E.C. 4.

Banish Battery Worries



## MANUFACTURERS!



RESISTORS.

WE SELECT FOUR ENGLISH OR FIXED RESISTORS IN EACH. PROMPT SUPPLY OF TEN TYPES, WOUND OR CARDED, ALL "MILKIN-CODED," AND BEAR EITHER 100, BRITISH MAKE, 1/2, 1, 2, 5 OR 10 PERCENT, ANY RESISTANCE UP TO 50 MEGOHMS. WE'D NOT SEND FOR ILLUSTRATED 4 IN PAMPHLET TO-DAY.

CLAUDE LYONS, LIMITED.  
HEAD OFFICE: 78 OLDHALL ST., LIVERPOOL.  
LONDON: 50 RUCKINGHAM GATE, S.W.1.

**Lanchester** MOVING COIL **Speakers**  
CORAL STEEL PERMANENT MAGNET  
HIGH SENSITIVITY  
FULL MUSICAL RESPONSE  
SPEECH PERFECT



Representatives: F. K. Co., Ltd., 21, St. John Street, London, E.C. 4.  
Lanchester's Ltd., 10, St. John Street, London, E.C. 4.  
Lanchester's Ltd., 10, St. John Street, London, E.C. 4.

**LANCHESTER'S LTD. LABORATORIES**  
TYSELEY BIRMINGHAM

## TELSEN MANSBRIDGE TYPE CONDENSERS



Every Telsen Mansbridge Type Condenser is completely maintenance-free. They are constructed by an automatic process and all the parts of utmost accuracy. MADE IN GREAT BRITAIN. CAPACITIES UP TO 20 MFD. Price 1/6.

**TELSEN**  
CONDENSERS

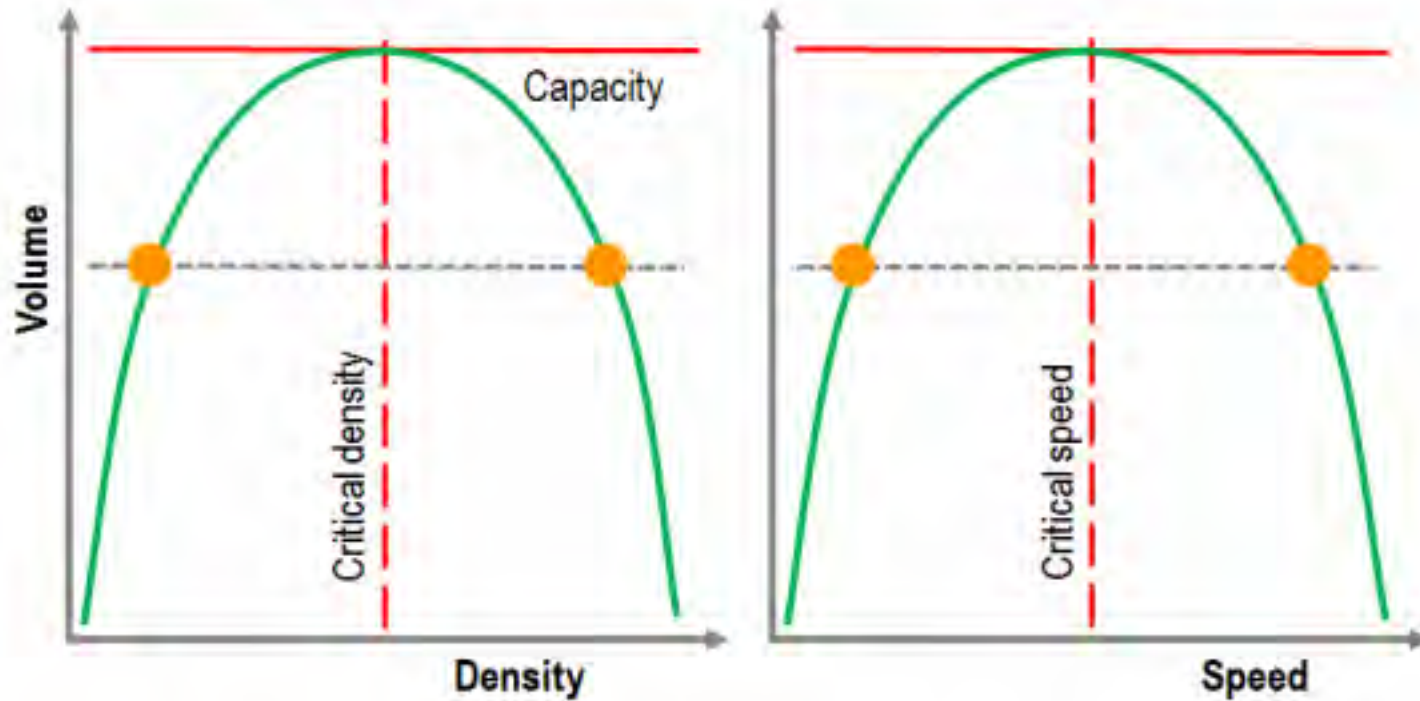
# The classrooms of tomorrow are changing





# Slow or Fast? It's a matter of Math and Science!!!





You MUST consider both Speed and Density to create an effective wireless experience

## Critical Density and Critical Speed

The capacity of a road segment is commonly defined by the number of vehicles it can handle over an unit of time, such as 1,000 vehicles per hour per lane. This can only be achieved under specific conditions of traffic speed and density:

- **Critical Density.** The volume generally increases with the density of the traffic. However, at some point the density is too high and congestion decreases the volume.
- **Critical Speed.** The volume generally increases with the speed of the traffic. There is however a speed at which the volume is maximal.

AS DENSITY/USAGE INCREASES...



Works

???

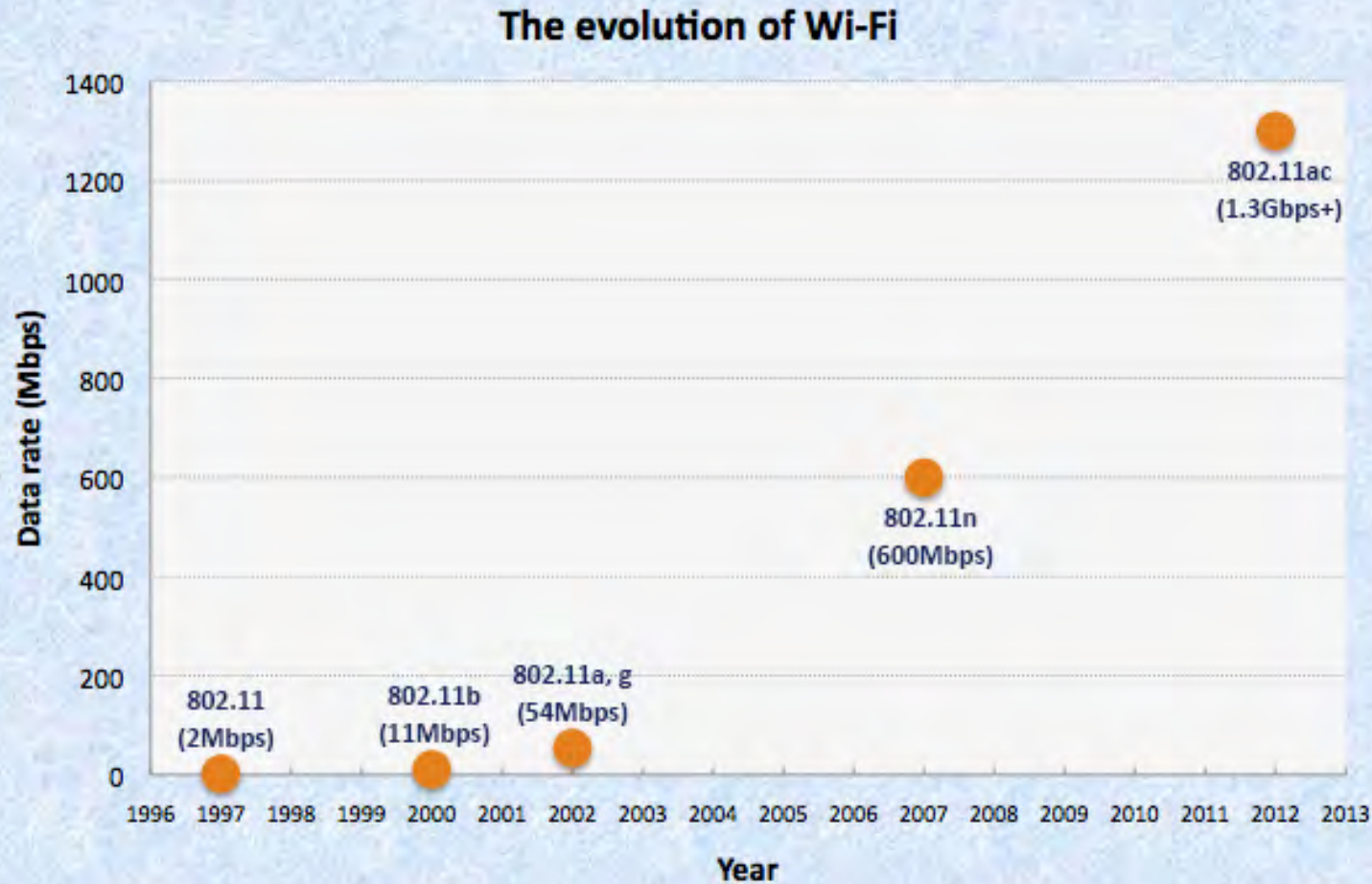
Does not work

PERFORMANCE DETERIORATES

# More Wi-Fi Devices More Interference



# If we build for today we have already lost...



Change is accelerating:  
years between jumps

3 years	9 Mbps	↑
2 years	43 Mbps	↑
5 years	546 Mbps	↑
5 years	700 Mbps	↑



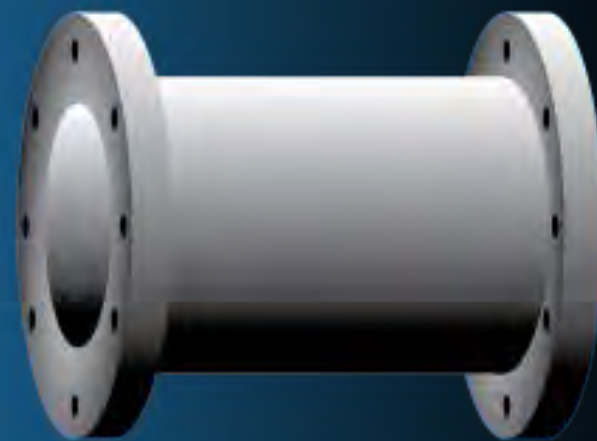
802.11b



802.11g/n



802.11ac



As the number of devices go up  
we must increase capacity

# This is a trend that will never stop



Think about it...

The oldest iPad on earth is less than 4 years old. Look how the world has changed since then.

So, how fast will we need to go?



**Only the future  
knows...**

Questions?





---

TERMINAL EXPANSION AT PUNTA  
GORDA AIRPORT



# EXISTING TERMINAL

---



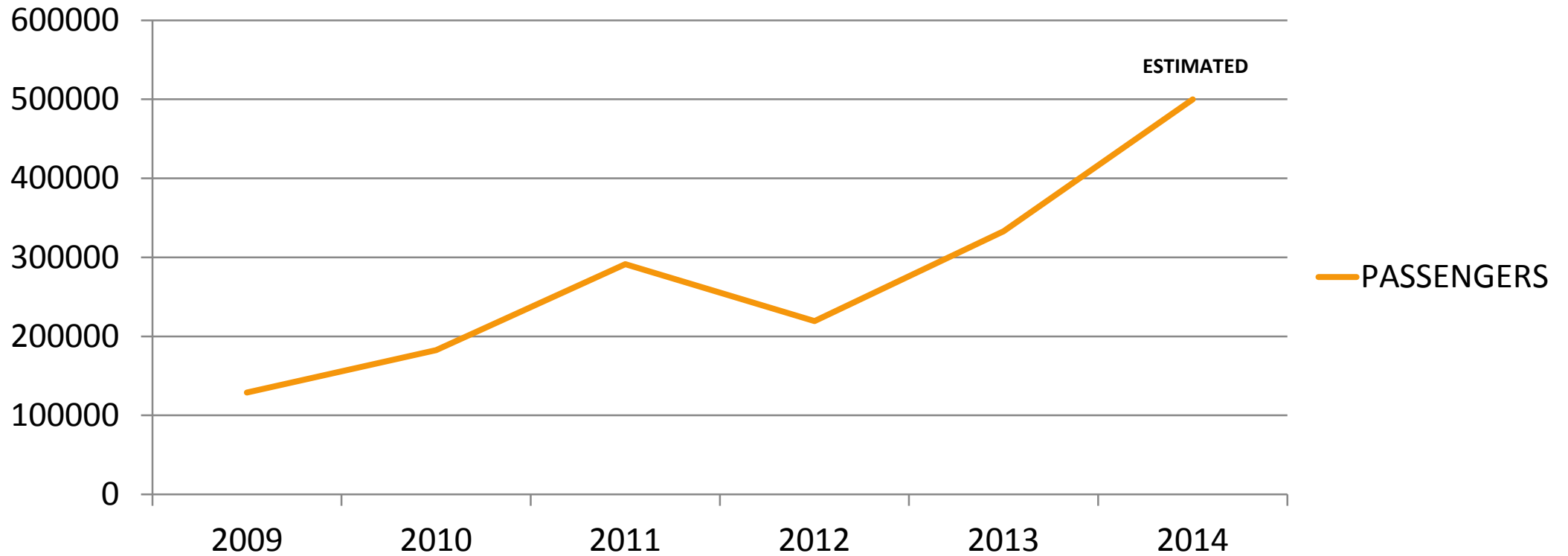
- Built in 2007
- Peak Hour Capacity 255 Passengers
- Funded by Airport Reserves and FDOT Grant



# GROWTH AT PGD



## PASSENGERS



# PROPOSED TERMINAL

---



- 4<sup>th</sup> Fastest Growing Airport in the US  
2012-2013 US DOT Data
- Currently Designing an Expansion
- Peak Hour Capacity 610 Passengers
- Funded by Airport Reserves and  
FDOT Grant and FAA Grant

# PROPOSED TERMINAL



# TERMINAL BUDGET



## Punta Gorda Airport

### Terminal Area improvements Construction Costs

3/5/2014 16:42

				AIP	FDOT	Local	Total	
Terminal Expansion				90%	5%	5%	<b>\$11,351,125</b>	
	59,275	SF	Unit Unit Cost					
Non-Eligible General Build Out	14,468	SF	\$175		\$1,265,950.00	\$1,265,950.00	\$2,531,900	
Eligible Construction	44,807	SF	\$175	\$7,057,103	\$392,061	\$392,061	\$7,841,225	
Bag Belt - Relocation	1	LS	\$50,000	\$45,000	\$2,500	\$2,500	\$50,000	
Bag Belt - New	1	LS	\$350,000	\$315,000	\$17,500	\$17,500	\$350,000	
Demolition	1	LS	\$42,500	\$38,250	\$2,125	\$2,125	\$42,500	
Site General	1	LS	\$158,000	\$142,200	\$7,900	\$7,900	\$158,000	
				\$0	\$0	\$0		
Engineering (Construction)	1	LS	\$315,000	\$283,500	\$15,750	\$15,750	\$315,000	
Administration	1	LS	\$62,500	\$56,250	\$3,125	\$3,125	\$62,500	
				\$0	\$0	\$0		
							<b>Terminal</b>	<b>\$11,351,125</b>

AIP	FDOT	Sales Tax	Local	Total
<b>\$7,937,303</b>	<b>\$1,706,911</b>	<b>\$1,000,000</b>	<b>\$706,911</b>	<b>\$11,351,125</b>

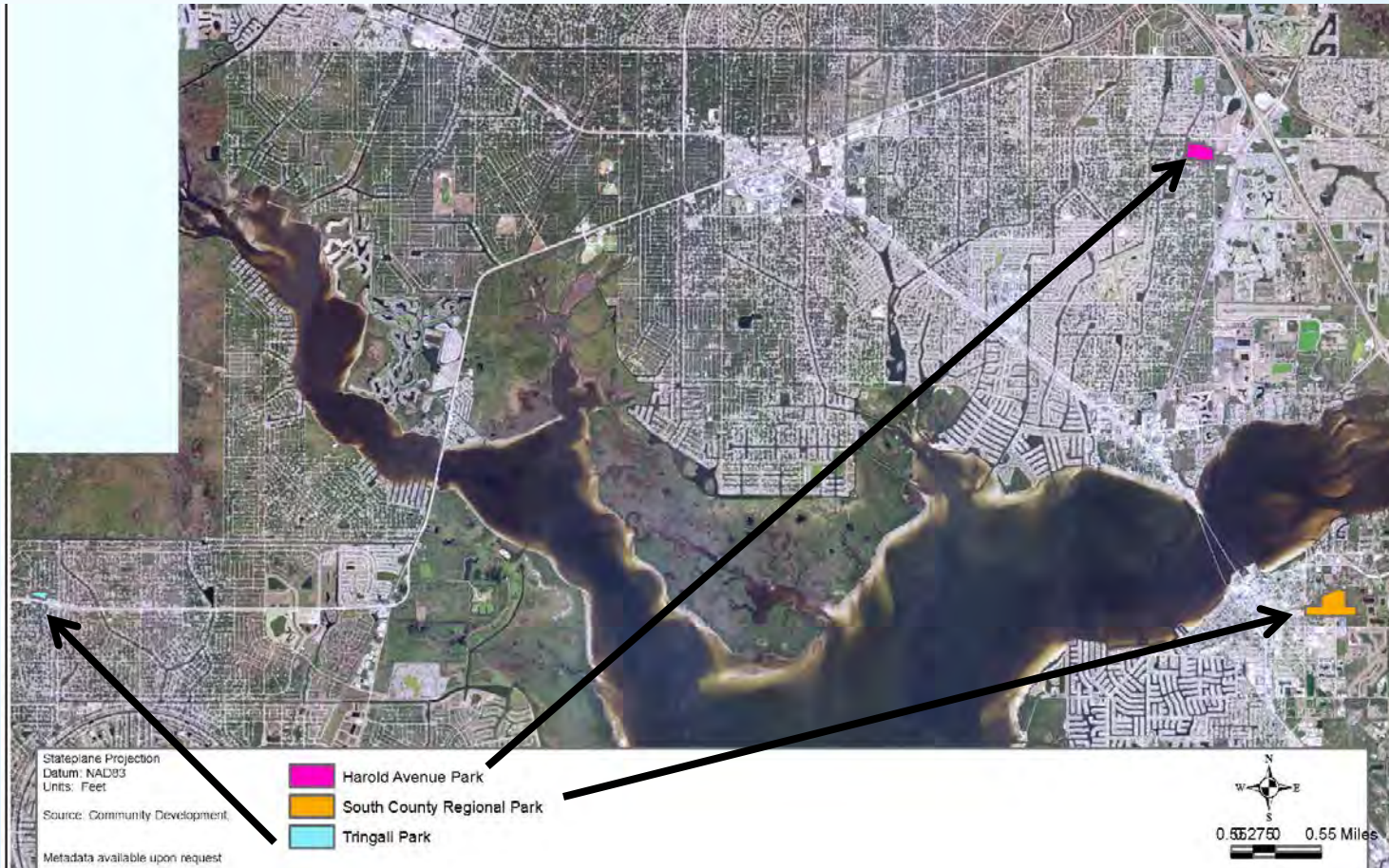


# RENOVATIONS TO EXISTING RECREATION CENTERS





# RENOVATIONS TO EXISTING RECREATION CENTERS







# RENOVATIONS TO EXISTING RECREATION CENTERS

## Amenities

- Harold Avenue Recreation Center
  - Multi-use gymnasium
  - Multi-purpose arts & craft room
  - Additional storage
- South County Regional Park Recreation Center
  - Fitness and wellness room
  - Multi-purpose room
- Tringali Recreation Center
  - Multi-purpose room and storage
  - Kitchen renovation in meeting hall



# SOUTH COUNTY REGIONAL PARK SPLASH PAD





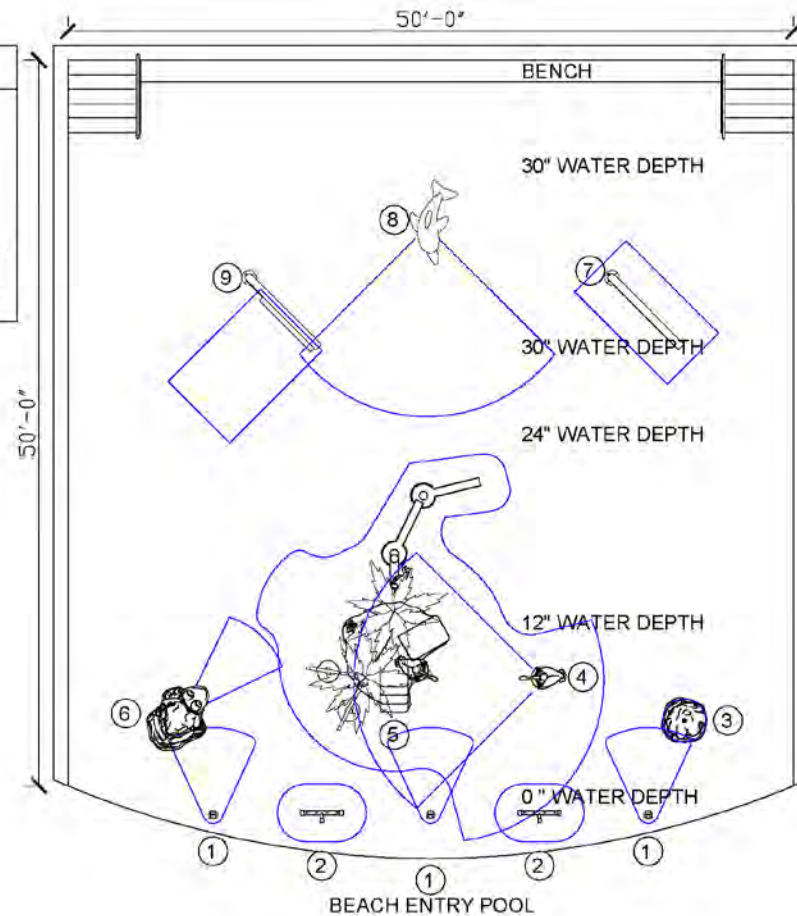
# SOUTH COUNTY REGIONAL PARK SPLASH PAD





# SOUTH COUNTY REGIONAL PARK SPLASH PAD

POOL FEATURES LEGEND	
1	- SLANT FINGER JET OM x 3
2	- MINI POP JET 4 x 2
3	- MISS PEARL OYSTER OM
4	- ELEVATED PELICAN CANNON OM
5	- ACTIVITY ISLAND OM
6	- TROPICAL FROG SPRAY OM
7	- DROP JET 6N OM WITH SAIL TOPPER
8	- ELEVATED DOLPHIN CANNON OM
9	- SHEET FLOW 6N WITH SAIL TOPPER





# SOUTH COUNTY REGIONAL PARK SPLASH PAD





# OYSTER CREEK POOL SPLASH PAD





# OYSTER CREEK POOL SPLASH PAD

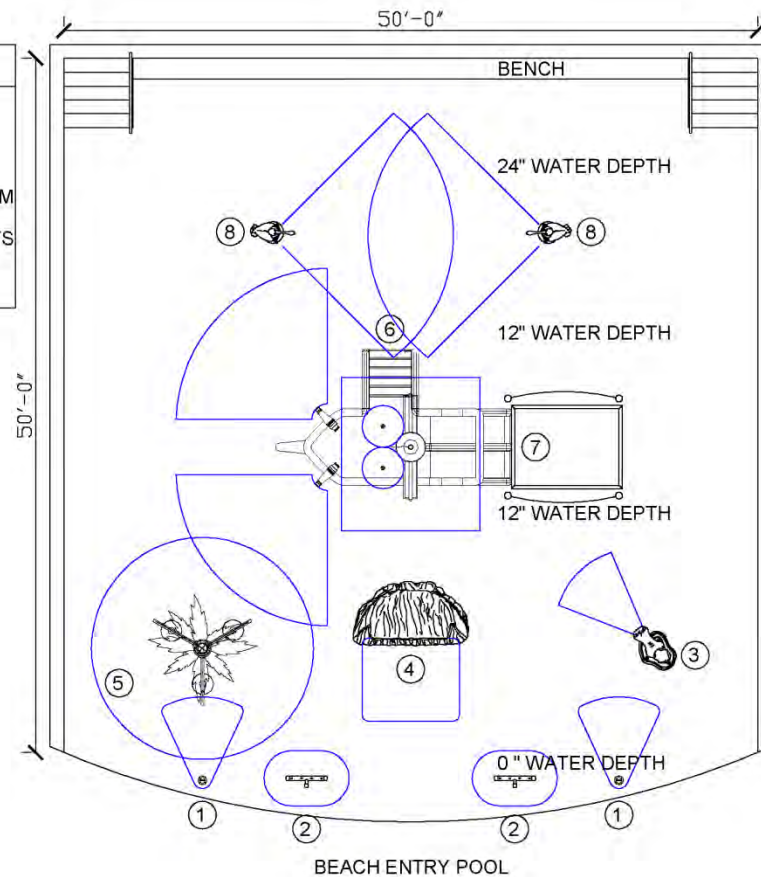




# OYSTER CREEK POOL SPLASH PAD

## POOL FEATURES LEGEND

- 1 - SLANT FINGER JET OM x 2
- 2 - MINI POP JET 4 x 2
- 3 - CROC STEVE SPRAY OM
- 4 - BIG KAHUNA WAVE OM
- 5 - SWANKY PALM W/ 3 BANANA DUMP OM
- 6 - MINI PIRATE SHIP OM
- 7 - 6' x 8' SLIDE EXIT PAD W/ SAFETY NETS
- 8 - ELEVATED PELICAN CANNON OM x 2







# OYSTER CREEK SPLASH PAD





# South County Library and Archive





# South County Library and Archive





# South County Library and Archive

## Amenities

- The Punta Gorda Library is the second busiest in the Charlotte County Library system.
- 24,000 sq ft with youth room and program space, friends bookstore
- Computer lab and open spaces for instructional classes
- 1,000 sq ft for archive functions with intake room, processing and storage.



# HISTORICAL CENTER





# HISTORICAL CENTER





# HISTORICAL CENTER

## Amenities

- 14,000 sq ft with both static and interactive exhibit areas
- Large meeting room for programs, classes and events
- Adequate space for storage of collections for process
- Office for historical staff



# SAILING CENTER PORT CHARLOTTE BEACH







# SAILING CENTER PORT CHARLOTTE BEACH





# SAILING CENTER PORT CHARLOTTE BEACH

## Amenities

- 3,000 sq ft for sailing center
  - 1,500 sq ft for large room for programs, classes, educational outreach
  - 1,500 sq ft for storage space of boats and event operations