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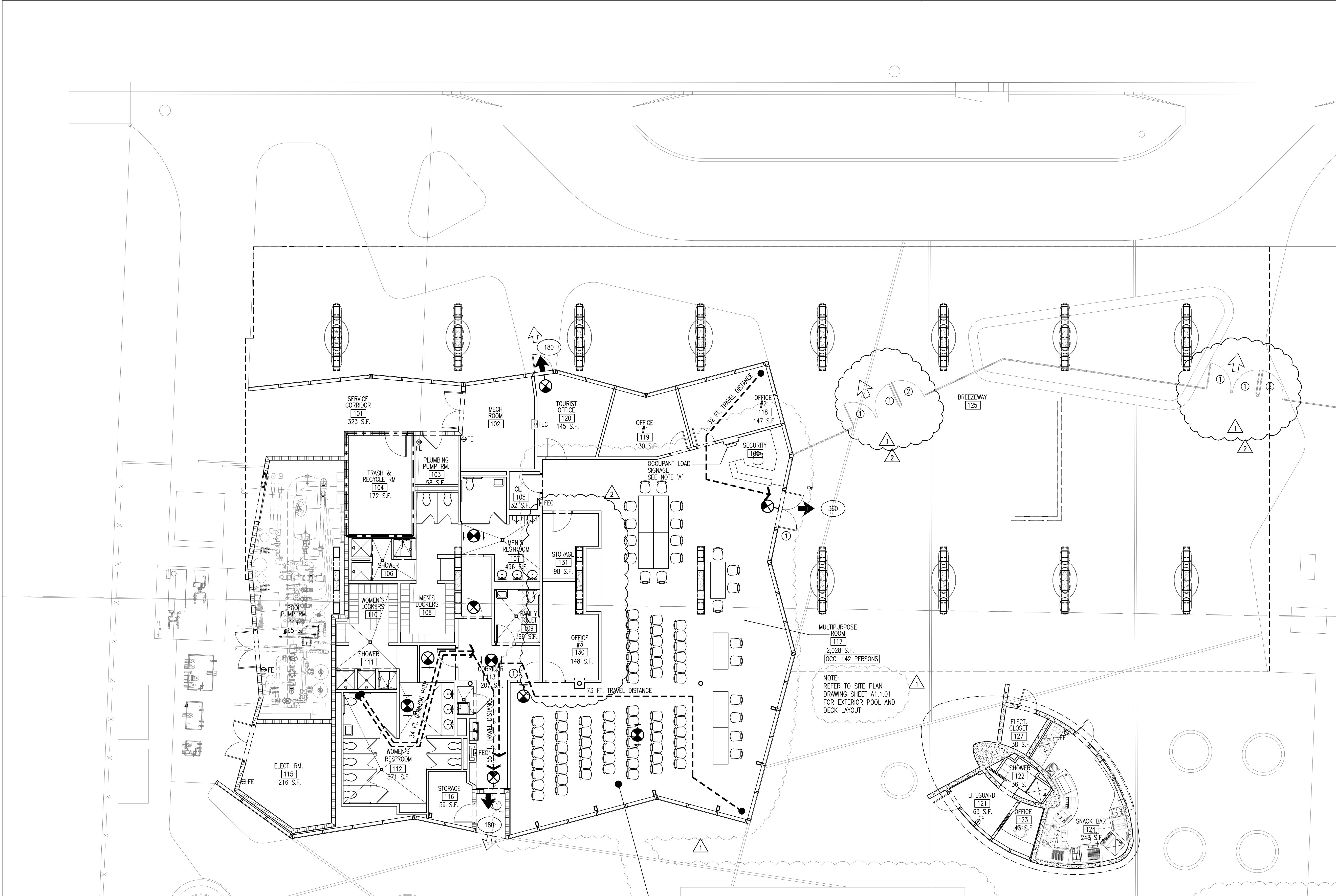
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PROFESSIONAL OF RECORD: JESUS CRUZ  
DISCIPLINE: ARCHITECTURE  
REGISTRATION NO. ARO006906

02-08-10	CITY REVIEW COMMENTS
03-01-10	CITY REVIEW COMMENTS

GOVERNING CODES		
FLORIDA BUILDING CODE, 2007 EDITION AND ALL ASSOCIATED CODES		
	REQUIRED/ ALLOWED	PROPOSED
1. CLASSIFICATION	MULTIPLE OCCUPANCY BUILDING PREDOMINANT OCCUPANCY: ASSEMBLY A-3 ACCESSORY OCCUPANCY: BUSINESS B	
2. TYPE OF CONSTRUCTION	F.B.C. 2007 EDITION/ TABLE 503	
NEW BUILDING TYPE IIA CONSTRUCTION	- BUILDING HEIGHT: 65 FT - No. OF STORY: 3 - BLDG. AREA PER FLR: 15,500 SF	18'-0" MAX. ROOF HT 1ST FL= 6,831 GSF
3. FIRE RESISTIVE REQUIREMENTS, BASED ON A-3 OCCUPANCY	F.B.C. 2007/ TABLE 601 TYPE IIA	
- EXTERIOR BEARING WALLS	1 HR.	
- EXTERIOR NON-BEARING WALLS	1 HR.	
- INTERIOR NON-BEARING WALLS	PER TABLE 602	
- FLOOR CONSTRUCTION	NC*	
- ROOF CONSTRUCTION	1 HR.	
- STRUCTURAL MEMBERS (INCLUDING COLUMNS, GIRDERS, TRUSSES)	1 HR.	
	* NONCOMBUSTIBLE CONSTRUCTION	
4. ACCESSIBILITY:	FULLY ACCESSIBLE IN ACCORDANCE WITH F.B.C. 2007 EDITION CHAPTER 11	
LIFE SAFETY CALCULATIONS		
5. MEANS OF EGRESS:	F.B.C. 2007/ TABLE 1016.1, 1017.3 AND 1025.8 MAXIMUM TRAVEL DISTANCE ALLOWED: 200 FEET MAXIMUM DEAD-END ALLOWED: 20 FEET COMMON PATH* 20'>50 PERSONS 75'<50 PERSONS	
6. OCCUPANCY SEPARATION:	OFFICES ARE LESS THAN 10% OF THE AREA OF THE FIRST FLOOR IN WHICH THEY ARE LOCATED AND ARE THEREFORE CONSIDERED ACCESSORY OCCUPANCIES. NO SEPARATION SHALL BE REQUIRED BETWEEN THE ACCESSORY BUSINESS OCCUPANCIES AND THE MAIN ASSEMBLY OCCUPANCY IN ACCORDANCE WITH FBC 2007 508.3.1. FURTHERMORE, AS PER NFPA 101 6.1.1.4.1.3, THE OFFICE SPACES ARE INCIDENTAL TO THE ASSEMBLY OCCUPANCY AND SHALL THEREFORE BE PERMITTED TO BE CONSIDERED PART OF THE PREDOMINANT ASSEMBLY OCCUPANCY.	
7. FIRE EXTINGUISHERS: (AS PER NFPA-10)	PROVIDE: - CLASS "ABC" FIRE EXTINGUISHERS SHALL BE USED FOR ALL TYPE OF FIRE CLASSIFIED AS A,B,C EXCEPT AS MODIFIED BELOW. (1) MAXIMUM FLOOR AREA OF 11,250 SF. (2) MAXIMUM TRAVEL DISTANCE OF 75 FEET.	



1 | FIRST FLOOR LIFE SAFETY PLAN

NOTE A: 290 person occupant load posting location of signage as required by section 1-20.1.4.10.3 of the Florida Fire Prevention Code (2007 edition) shall be provided.

- PLAN NOTES
- 1 PANIC HARDWARE DEVICES SHALL BE PROVIDED ON EXIT GATES AND DOORS AS INDICATED. REFER TO LANDSCAPE DRAWINGS FOR GATE INFO.
  - 2 TOP LATCH DEVICE SHALL BE PROVIDED ON INDICATED POOL AREA GATES; SEE LANDSCAPE AND POOL DRAWINGS

Multipurpose Room is programmed to serve functions consistent with community center activities such as educational type use in the form of vocational arts and crafts with an occupant load of approximately 50 square feet per person. Other uses are assembly type use in the form of exercising without equipment having an occupant load of approximately 15 square feet (gross) per person as well as meetings and gatherings of concentrated use without fixed seating with approximately 7 square feet (net) per person. As such, Table 1.0 indicates the largest occupant load determined from the Table 7.3.1.2 of the Florida Fire Prevention Code (2007 edition) and Table 1004.1.1 of the Florida Building Code (2007 edition) utilizing the occupant load factor resembling the use of the space as described.

LIFE SAFETY LEGEND

<p>1 HOUR FIRE RATING</p> <p>2-HOUR FIRE RATING</p> <p>3-HOUR FIRE RATING</p> <p>4-HOUR FIRE RATING</p> <p>SMOKE BARRIER (1-HOUR RATED)</p> <p>SMOKE PARTITION (NON-RATED)</p> <p>1-HOUR FIRE RATED CEILING ABOVE</p> <p>2-HOUR FIRE RATED CEILING ABOVE</p> <p>ASSUMED PROPERTY LINE</p> <p>EXIT ACCESS TRAVEL DISTANCE</p> <p>COMMON PATH DISTANCE</p> <p>DEAD END DISTANCE</p> <p>ROOM OCCUPANT LOAD (NUMBER OF PERSONS)</p> <p>EXIT WITH EGRESS CAPACITY (NUMBER OF PERSONS)</p> <p>EXIT WITH EGRESS CAPACITY (NUMBER OF PERSONS)</p>	<p>EXIT LIGHT FIXTURE - WALL MOUNTED (DARKENED AREA INDICATES FACE, ARROW INDICATES DIRECTION OF EGRESS)</p> <p>EXIT LIGHT FIXTURE - CEILING MOUNTED (DARKENED AREA INDICATES FACE, ARROW INDICATES DIRECTION OF EGRESS)</p> <p>EMERGENCY LIGHTING UNIT SET WITH SELF-CONTAINED BATTERIES - CONNECT AHEAD OF LIGHT SWITCH</p> <p>LUMINAIRE CONNECTED TO EMERGENCY CIRCUIT - SEE ELECTRICAL DRAWINGS</p> <p>SMOKE DETECTOR</p> <p>HEAT DETECTOR</p> <p>FIRE ALARM SYSTEM MANUAL PULL STATION</p> <p>FIRE ALARM SPEAKER / HORN WITH STROBE - WALL MOUNTED</p> <p>FIRE ALARM SPEAKER / HORN WITH STROBE / FLASHING LIGHT - WALL / CEILING MOUNTED</p> <p>ADA PUSH BUTTON FOR AUTOMATIC DOORS WEATHER PROTECTION AT EXTERIOR LOCATION</p>	<p>FIRE DEPARTMENT VOICE COMMUNICATION SYSTEM JACK</p> <p>MAGNETIC DOOR HOLDER</p> <p>FIRE ALARM SPRINKLER VALVE TAMPER SWITCH</p> <p>FIRE ALARM SPRINKLER SYSTEM FLOW SWITCH</p> <p>FIRE EXTINGUISHER, BRACKET MOUNTED</p> <p>RATED FIRE EXTINGUISHER CABINET</p> <p>FIRE EXTINGUISHER CABINET</p> <p>FIRE BLANKET CABINET</p> <p>FIRE HOSE CABINET</p> <p>FIRE HOSE CABINET WITH FIRE EXTINGUISHER</p> <p>FIRE DEPARTMENT VALVE CABINET</p> <p>EMERGENCY EYEWASH</p> <p>EMERGENCY SHOWER</p>	<p>AED</p> <p>AREA OF EMERGENCY CONGREGATION AT EXTERIOR OF BUILDING</p> <p>EXIT ACCESS/EXIT</p> <p>EXIT DISCHARGE</p> <p>HORIZONTAL EXIT</p> <p>ACTUAL LENGTH IN FEET</p> <p>T. D.</p> <p>TYPICAL PATH OF TRAVEL</p> <p>SHADED AREA DENOTES FLOOR OPENING</p>
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Table 1.0- Building Occupant Load

Occupancy and Description	Area [square feet]	Occupant Load Factor [square feet per person]	Population [persons]
<b>Business</b>			
Tourist Office	145	100	2
Office #1	130	100	2
Office #2	147	100	2
Office #3	148	100	2
<b>Assembly</b>			
Multipurpose Room	(net) 2028	7	290
			<b>Total</b>
			<b>298</b>

Table 1.1- Exterior Pool Water Surface and Deck Area Occupant Load

Description	Net Area [square feet]	Occupant Load Factor [square feet per person]	Population [persons]
Breezeway	4,352	30	146
Paved Deck Area	16,461	30	549
Water Activity Pool	2,152	50	44
Pool Deck	2,136	30	72
Recreation and Plunge Pool	5,390	50	108
Spa Pool	95	50	2
			<b>Total</b>
			<b>921</b>

Table 2.0- Building Means of Egress

Exit	Clear Width [inch]	Egress Capacity Factor [inch per person]	Egress Capacity [persons]
West Exit Door	34	0.2	170
North Exit Doors	68	0.2	340
East Exit Door	34	0.2	170
			<b>Total</b>
			<b>680</b>

Table 2.1- Exit Discharge Means of Egress

Exit	Clear Width [inch]	Egress Capacity Factor [inch per person]	Egress Capacity [persons]
Northwest Swinging Gate	96	0.2	480
Southwest Swinging Gate	96	0.2	480
East Swinging Gate	96	0.2	480
			<b>Total</b>
			<b>1,440</b>

Table 3.0- Egress Analysis

Total Population Discharging to Public Way from Building and Exterior Pool/Deck Areas:	298	+	921	=	1219	[persons]
Total Egress Capacity Required:	1219	x	0.2	=	244	[inches]
Total Egress Capacity Provided:	1,440	x	0.2	=	288	[inches]