

6.0 SUPPORT FACILITIES ELEMENT

(1) DATA REQUIREMENTS

a) Inventory of Existing Building Spaces for Support Facilities.

Figures 6.1, 6.2 and 6.3: Support Facilities depict typical support facilities at Modesto A. Maidique Campus, Biscayne Bay Campus, and other FIU sites, including the Engineering Center, the FIU Wolfsonian and Wolfsonian Annex. Table 6.1 contains an inventory of existing support buildings by function for each campus.

Table 6.1 Inventory of Existing Building Spaces for Support Facilities (in GSF)

MODESTO A. MAIDIQUE CAMPUS	Office/Computer	Student Academic Support	Campus Support Service	Other
Bldg. 1 Charles E. Perry	75,920		765	1,211
Bldg. 2 Deuxieme Maison	41,873		898	227
Bldg. 3 E.R. Graham Center	33,183		2,456	89,271
Bldg. 4 Viertes Haus	12,691		119	
Bldg. 4A Central Utilities	200		600	
Bldg. 5 Green Library	33,380		226	197
Bldg. 6 Owa Ehan	11,524		459	205
Bldg. 6A Wertheim Conservatory			52	1,365
Bldg. 7 Pharmed Arena	6,175		885	1,224
Bldg. 8 Engineering/Computer	18,865		659	38
Bldg. 9 Chemistry & Physics	10,081		118	46
Bldg. 10 College of Health	5,548			
Bldg. 11 Business Administration	21,161		1,104	153
Bldg. 12 University Health Service Complex	8,688			5,993
Bldg. 13 Labor Center	6,490		332	604
Bldg. 14 Ziff Education	18,848	698	202	
Bldg. 14A UP Information Center	552			
Bldg. 15 Baseball Stadium	2,134		517	7,197
Bldg. 16 Wertheim Arts	4,512			
Bldg. 17 Childrens Creative Learning Cter	1,128			4,033
Bldg. 19 Panther Hall	8,785			57,946
Bldg. 19A University Park Towers	6,146		7,134	157,667
Bldg. 19B Everglades Hall	1,119		1,473	111,772
Bldg. 20 Athletic Fitness Center	1,444		214	1,076
Bldg. 21 Health & Life Sciences	18,901		1,088	
Bldg. 21A Health & Life Sciences II	32,714			

MODESTO A. MAIDIQUE CAMPUS	Office/Computer	Student Academic Support	Campus Support Service	Other
Bldg. 22 Campus Support - Shop	12,649		25,199	
Bldg. 23 Campus Support Complex	27,491			
Bldg. 24 Paul Cejas Architecture Building	17,551		2,071	3,318
Bldg. 25 Management & Advanced Research	40,054			618
Bldg. 28 University House				6,613
Bldg. 40 Women's Softball/Tennis Complex	335			
Bldg. Tower C01	2,043		193	
Bldg. C05 Duplicating Center	2,533		2,613	
PG1 Parking Garage One Blue	1,437		241,000	
PG2 Parking Garage Two Gold	1,831		241,000	
PG3 Parking Garage One Panther	866		381,996	
PG2 Parking Garage Two Red	865		381,996	
THA A Housing Office	413			1,495
THB B Tam Housing				10,052
THC C Tam Housing				12,800
THD D Tam Housing				13,135
THE E Tam Housing				10,052
THF F Tam Housing				13,095
THG G Tam Housing				13,548
THH H Tam Housing				13,366
THJ J Tam Housing				13,100
THK K Tam Housing				13,100
THL L Tam Housing				13,100
W02 West 2	1,915		4,986	
W02B Grounds Chemical Storage			94	
TOTAL	492,045	698	1,300,449	577,617

BISCAYNE BAY CAMPUS	Office/Computer	Student Academic Support	Campus Support Services	Other
BH1 Bay Vista Housing	360			79,327
N01 Hospitality Management	11,952			604
N02 Academic One	34,752		938	758
N02A Central Utilities	427		266	
N03 Wolfe University Center	18,922			22,181
N04 Academic Two	11,680		550	819
N05 The Library	9,953		156	529
N06 Health/Wellness Center	713		129	1,468
N07 Kovens Center	4,367		2,388	18,965
N08 Ecology Laboratory Building	129			
P04 PDC Administration	2,673			

MODESTO A. MAIDIQUE CAMPUS	Office/Computer	Student Academic Support	Campus Support Service	Other
P09 Wellness Center	1,386			
P10 BBC Information Center	26			
R01 Outdoor Recreation	332			183
S01 Central Receiving	529		5,137	
S02 Public Safety	1,301		508	49
S03 Physical Plant	2,324		6,613	
S03A Plant Support			269	
S04 Grounds	305		2,723	
TOTAL	102,131		19,677	124,883

BISCAYNE BAY CAMPUS	Office/Computer	Student Academic Support	Campus Support Services	Other
101 Engineering Center	66,350		3,221	7,429
102 Operations/Utility	3,410		1,882	
TOTAL	69,760		5,103	7,429

FIU WOLFSONIAN	Office/Computer	Student Academic Support	Campus Support Services	Other
MB01 Museum Headquarters	8,830		4,046	3,170
MB02 The Annex Storage Facility			2,194	
TOTAL	8,830		6,240	3,170

UNIVERSITY WIDE	Office/Computer	Student Academic Support	Campus Support Services	Other
TOTAL	672,766	698	1,331,469	713,099

b) Inventory of all University-owned Athletic Facilities

Table 6.2 Inventory of all University-owned Athletic Facilities (Fall 1999)

MODESTO A. MAIDIQUE	Number of Facilities	Estimated Usage	Total Acreage
Pharmed Arena	1	150,000	121,000 SF
Soccer Stadium	1	20,000	142,183 SF
Baseball Stadium	1	20,000	183,800 SF
FIU Community Stadium	1	250,000	339,490 SF
Multipurpose Fields	2	N/A	64,350 SF
Softball Field	1	N/A	74,939
Fitness Center	1	N/A	3,500 SF
Tennis Courts	12	N/A	124,260
Racquetball Courts	3	N/A	10,387
Par Course	32 stations	N/A	4 Acres
Basketball Courts	2	N/A	13,189 SF

BISCAYNE BAY CAMPUS	Number of Facilities	Estimated Usage	Total Acreage
Par Course	22 stations	N/A	42,057 SF
Swimming Pool	1	N/A	N/A
Tennis Courts	6	N/A	N/A
Multipurpose Fields	3-1	N/A	1 Acre
Basketball Courts	1	N/A	N/A

SOURCE: FIU, 2002

c) Projections for Future Student FTE Enrollment

Table 6.3 Projections for Future Student FTE Enrollment

	2004-05	2006-07	2007-08	2008-09	2009-10	2010-11	2014-15
MODESTO A. MAIDIQUE							
Undergraduate	14,269	15,810	16,759	17,765	18,831	19,960	25,200
Graduate	2,476	2,867	3,039	3,221	3,415	3,619	4,569
BISCAYNE BAY CAMPUS							
Undergraduate	3,022	3,361	3,562	3,776	4,003	4,242	5,356
Graduate	301	347	368	390	414	439	553
BROWARD PINES CAMPUS							
Undergraduate	234	262	278	295	312	331	418
Graduate	195	224	237	252	266	283	357
OTHER (1)							
Undergraduate	1,090	1,213	1,285	1,363	1,444	1,531	1,933
Graduate	210	243	257	272	289	306	387
TOTAL	21,587	24,327	25,785	27,334	28,974	30,711	38,773

Source: Office of Planning and Institutional Research

(1) Off campus and sponsored credit. Includes Online, Off-Campus, Sponsored Credit

d) Space Use Standards for Support Facilities

Table 6.4 Florida Board of Education Space Use Standards for Support Facilities

SPACE TYPE BY CATEGORY	SPACE STANDARD	RESULTING NASF/FTE
MODESTO A. MAIDIQUE		
Offices/Computer	145.00 ASF per FTE position	52.2
(Faculty/Staff Lounge Space)	3.00 ASF per FTE position	
Campus Support Services	5 percent of total ASF generated by formula plus 5 percent of other existing space requiring support services	7.08
Student Academic Support	0.60 ASF per FTE	0.6

SPACE TYPE BY CATEGORY	SPACE STANDARD	RESULTING NASF/FTE
BISCAYNE BAY CAMPUS		
Offices/Computer	145.00 ASF per FTE position	52.2
(Faculty/Staff Lounge Space)	3.00 ASF per FTE position	
Campus Support Services	5 percent of total ASF generated by formula plus 5 percent of other existing space requiring support services	7.08
Student Academic Support	7.50 ASF per FTE	0.6

2001 Educational Plant Survey.

e) Space Utilization for Support Facilities

Existing Space Utilization for Support Facilities

Offices	40 HPW
Computer	100% Utilized
Campus Support Service	No Vacant Space
Student Academic Support	No Vacant Space

(2) ANALYSIS REQUIREMENTS

a) Projection of Future Support Service Activities

b) Future Needs of the Athletic Department

The University currently has a sufficient amount of recreation and open space to serve the students at each campus. As FIU continues its enrollment and increases the number of students living on campus, the need for additional informal recreation space will be needed to support on-campus residents.

MODESTO A. MAIDIQUE

Future recreation at Modesto A. Maidique Campus should remain limited to the western and southern edges of the campus adjacent to existing athletic facilities and should be incorporated into future housing development on the east. Open space development should be formalized and unified throughout the academic core.

BISCAYNE BAY CAMPUS

Biscayne Bay Campus recreation include additional tennis courts, a gymnasium and general noncompetitive recreation facilities. There has also been discussion to further develop the existing rowing and water related activities.

Recreation space at Biscayne Bay Campus is located on the western edge of the campus close to the water's edge. Fields in this area do not obstruct the views of Biscayne Bay; however, fenced facilities such as tennis courts and above ground level structures such as the campus aquatic center do obstruct the views that are unique to this campus. Future recreation development will most likely serve the on campus residents and should be in close proximity to the housing area.

c) A projection or assumption about the future space utilization, for the space types identified in the DATA REQUIREMENTS section of this element.

Information was not available to complete this response.

Projection of Future Net Support Space Needs Distributed to the Campus or Satellite Facility

Table 6.5 Land Area Requirement for Athletic Facilities

CAMPUS	ATHLETIC FACILITIES NEEDS (ACRES)
MODESTO A. MAIDIQUE	45 acres
BISCAYNE BAY CAMPUS	17 acres

d) Projection of Future Support Facility Gross Building Area Needs.

Table 6.6 Projection of Future Support Facility Gross Building Area Needs

Total Gross Support Space Needs Deficit for 2015

UNIVERSITY WIDE	Office	Aud/ Exhibit	Instruct . Media	Student Support	Gym	Support Services	Total
2015 Projected Net Space Needs	1,904,573	160,551	54,891	32,109	257,651	262,097	2,671,871
Less Inventory as of October 2005	934,805	154,158	25,862	6,162	94,344	150,180	1,365,510
Less Under Construction or in 2005-15 CIP	301,863	25,236	9,600	14,625	-	37,635	388,959
Total Gross Space Needs Deficit for 2015	667,905	(18,843)	19,430	11,322	163,307	74,282	917,402

e) Analysis Translating Future Net and Gross Building Area Requirements into Building “Increments”.

Table 6.7: Future Space Needs by Space Type (Form B): Net Assignable Square Feet Eligible for Fixed Capital Outlay Budgeting

	Academic Space Needs						Support Space Needs						TOTAL	
	Class-room	Teaching Lab	Study	Research Lab	Sub Total	Total	Office	Aud/Exhibition	Instruct. Media	Student Support	Gym	Support Services		Sub Total
Space Needs by Space Type 2005-2015	429,573	467,414	619,706	371,408	1,885,101									
2015 Projected Net Space Needs Based on FTEs	359,610	409,919	522,148	294,118	1,585,795									
University Park and Engineering Center	69,963	57,495	97,558	77,290	302,306									
Biscayne Bay Campus														
Inventory as of October 2005	186,106	297,757	213,297	218,368	915,528									
University Park and Engineering Center	139,417	230,204	182,123	204,128	755,872									
Biscayne Bay Campus	46,689	67,553	31,174	14,240	159,656									
Under Construction or in 2005-2015 CIP	158,585	101,500	116,730	65,400	442,215									
University Park & Engineering Center	150,585	100,500	108,730	57,400	417,215									
Patricia and Philip Frost Art Museum (FECCG), UP	0	0	0	0	0									
College of Law, UP	10,360	12,500	45,000	0	67,860									
Central Utilities Plant Sub Station, UP	0	0	0	0	0									
Office/Classroom (Graduate School of Business), UP	24,775	0	4,680	0	29,455									
Social Sciences, UP	17,500	0	0	0	17,500									
Molecular Biology, UP	0	0	0	23,700	23,700									
Facilities Infrastructure/Capital Renewal	0	0	0	0	0									
Science/Classroom Complex-UP	25,000	30,000	12,750	0	67,750									
Graduate Classroom Building -UP	7,500	0	5,000	10,500	23,000									
Satellite Chiller Plant, UP	0	0	0	0	0									
Health-Science Lab Clinic UP	4,000	30,000	4,000	10,000	11,500									
Humanities Center/Offices-UP	0	1,000	0	3,000	4,000									
International Hurricane Center, UP	0	0	0	0	0									
Training Complex, UP	4,450	0	800	0	5,250									
Graduate School Business Phase II, UP	0	0	0	3,200	3,200									
Health & Life Science II Nursing Labs, UP	0	0	0	0	0									
Science/Classroom Complex-Phase II, UP	40,000	15,000	30,000	0	85,000									
Public Safety, UP	0	0	0	0	0									
Honors College, UP	10,500	3,000	3,000	3,000	19,500									
Construction Management Bldg, EC	6,500	9,000	2,000	3,000	20,500									
EC Classroom Expansion, EC	0	0	0	1,000	1,000									
Renovation of Existing Space	0	0	0	0	0									
Biscayne Bay Campus	8,000	1,000	8,000	8,000	25,000									
Wolfe University Center Addition, BBC	0	0	0	0	0									
Classroom/Office (AC IV), BBC	8,000	0	6,000	8,000	22,000									
Hospitality Management Beverage Mgmt Cntr. BBC	0	1,000	0	0	1,000									
Theater, BBC (P.C.E)	0	0	2,000	0	2,000									

GRAND TOTAL															
Space Needs by Space Type 2005-2015*	Class-room	Teaching Lab		Study	Research Lab		Sub Total	Office	Aud/Exhibition	Instruct. Media	Student Support	Gym	Support Services	Sub Total	Total NASF
		429,573	467,414		619,706	371,408									
2015 Projected Net Space Needs Based on FTEs	186,106	297,757	213,297	218,388	915,528	623,203	102,772	17,241	4,108	62,896	100,120	910,340	1,825,868		
Less Inventory as of October 2005	158,585	101,500	116,730	65,400	442,215	201,242	16,824	6,400	9,750	0	25,090	259,306	701,521		
Less Under Construction or in 2005-2015 CIP	84,882	68,157	289,679	87,640	530,358	445,270	(12,562)	12,953	7,548	108,871	49,521	611,601	1,141,959		
Adjusted Total Net Space Needs for 2015															
<i>University Park and EC</i>															
2015 Projected Net Space Needs Based on FTEs	359,610	409,919	522,148	294,118	1,585,795	1,097,881	89,307	33,639	17,861	171,767	149,813	1,560,268	3,146,063		
Less Inventory as of October 2005	139,417	230,204	182,123	204,128	755,872	530,405	96,323	15,712	4,108	62,896	78,248	787,692	1,543,564		
Less Under Construction or in 2005-2015 CIP	150,585	100,500	108,730	57,400	417,215	181,990	14,324	5,600	6,750	0	24,890	233,554	650,769		
Adjusted Total Net Space Needs for 2015	69,608	79,215	231,295	32,590	412,708	385,486	(21,340)	12,327	7,003	108,871	46,675	539,022	951,730		
<i>Biscayne Bay Campus</i>															
2015 Projected Net Space Needs Based on FTEs	69,963	57,495	97,558	77,290	302,306	171,834	17,727	2,955	3,545	0	24,918	220,979	523,285		
Less Inventory as of October 2005	46,689	67,553	31,174	14,240	159,656	92,798	6,449	1,529	0	0	21,872	122,648	282,304		
Less Under Construction or in 2005-2015 CIP	8,000	1,000	8,000	8,000	25,000	19,252	2,500	800	3,000	0	200	25,752	50,752		
Adjusted Total Net Space Needs for 2015	15,274	(11,058)	58,384	55,050	117,650	59,784	8,778	626	545	-	2,846	72,579	190,229		

NOTES: Funded projects consisting of space that is not eligible for fixed capital outlay budgeting are not shown.

* 2005-15 Space Needs based on 2000-01 NASF/FTE factors and projected FTEs. UP FTE: 29,769 BBC FTE: 5,909

Source: Form B for UP for 2010-11 revised on 2/15/06; Form B for BBC for 2010-11 revised on 1/13/06; and Capital Improvement Plan (CIP-2) 2007-2008 through 2011-2012.