

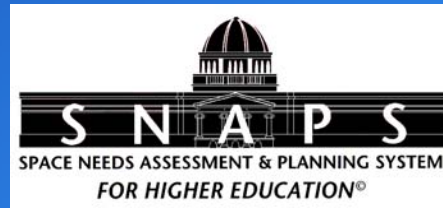


Texas A&M University

College of

Education & Human Development

Space Needs Assessment



Council for the Built Environment

Office of

Facilities Coordination

February 2010



Goal



- **Update the Space Needs Assessment**
 - ✓ Initially developed in 2003
 - ✓ In support of the Campus Master Plan

- **Evaluate Post Faculty Reinvestment Status**

- **Planning Tool for future decisions**
 - ✓ Scope:
Academic, Research, and Extension Agencies

Campus Wide Space Needs Assessment

Office of Facilities Coordination
Texas A&M University



Units to be Assessed



- **Agriculture & Life Sciences**
 - Academic Units
 - AgriLife Research
 - AgriLife Extension
 - Texas Forest Service
 - Texas Veterinary Medical Diagnostic Laboratory
- **Architecture**
- **Bush School of Government & Public Service**
- **Mays Business School**
- **Education & Human Development**
- **Dwight Look College of Engineering**
 - Academic Units
 - Texas Engineering Experiment Station
 - Texas Engineering Extension Service
 - Texas Transportation Institute
- **Geosciences**
- **Liberal Arts**
- **Science**
- **Veterinary Medicine & Biomedical Sciences**

Provost Request

- **Academic Support Units**

•
• **Campus Wide Space Needs Assessment**
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Office of Facilities Coordination
Texas A&M University



Planning Horizon



Fall 2015

• **CBE engages Colleges**

- ✓ Discuss Strategic Priorities
- ✓ Impact on Space Needs
- ✓ Planning Horizon: 5 Years

Feb/March 2010

Fall 2008

• **Current Space Needs Assessment**

- Post Faculty Reinvestment
- Establishes the Planning Standards
- Basis future projections

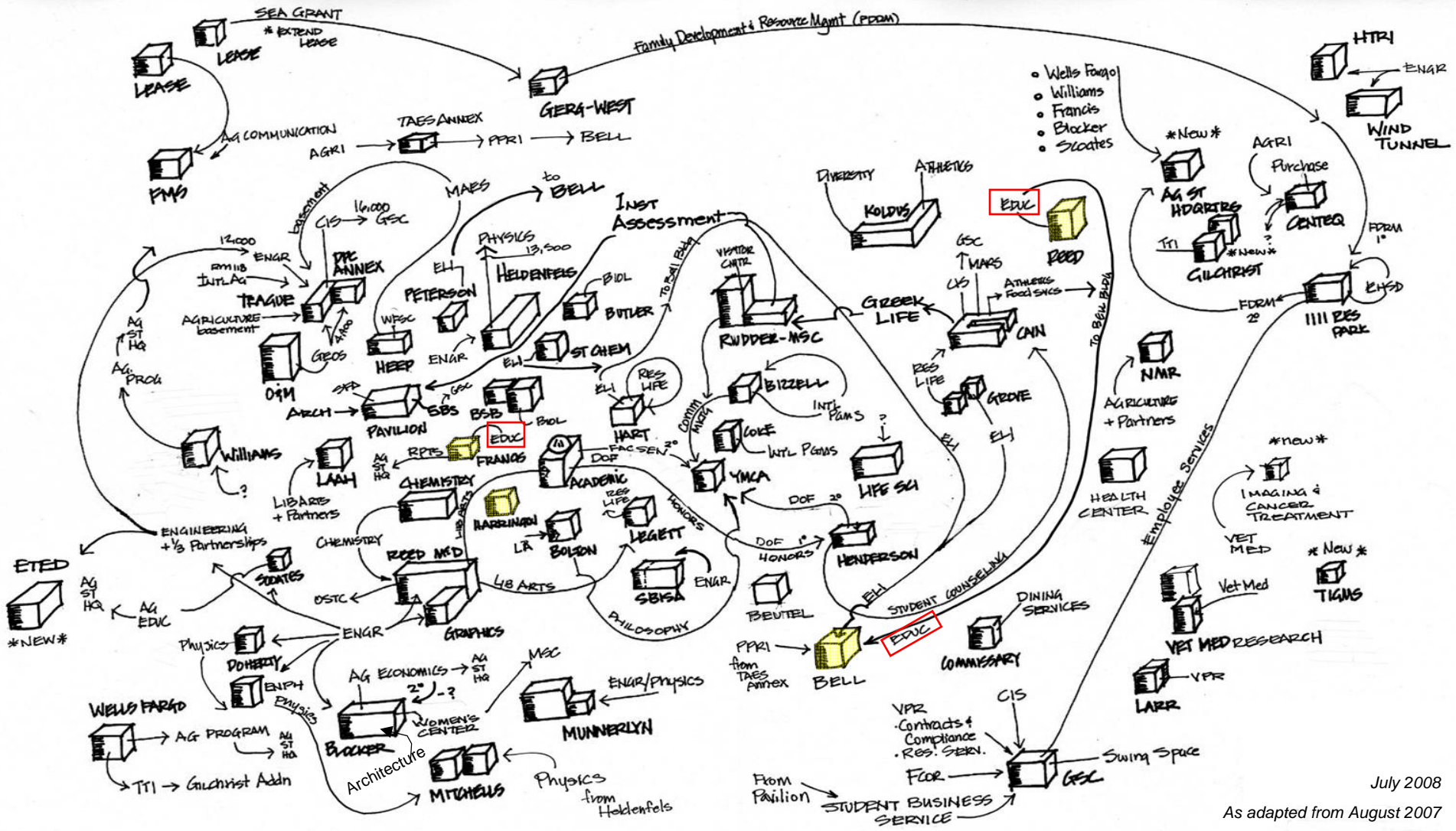
Faculty Reinvestment – Phase II

CBE

Education



Space Assignments



Campus Wide Space Needs Assessment

Office of Facilities Coordination
Texas A&M University



Education & Human Resources

Faculty Reinvestment		Assignable Area			Total	Actual
Council for the Built Environment		Current	Net New	Total	& Phase I	Cost
Phase I Report		May 2006				
College	Department	Current	Net New	Total	Total	Actual
Education & Human Development		71,208	14,771	85,979	85,979	\$ 192,049
Harrington space from CLA			944	944	944	\$ -
Heaton Expansion (Renovation)	Dean-College of Education	0	7,002	7,002	7,002	\$ 17,175
Heaton Expansion (Renovation)	Ed Admin & Human Resource Devel	0	128	128	128	\$ 17,175
Heaton Expansion (Renovation)	Educational Psychology	0	368	368	368	\$ 17,175
Heaton Expansion (Renovation)	Teaching, Learning, & Culture	0	2,857	2,857	2,857	\$ 17,175
TEEX Office Bldg. Expansion (Renovation)	Texas Cntr for Adult Literacy and Learning	0	3,472	3,472	3,472	\$ 123,351

Phase II

Faculty Reinvestment Space Status			Space Assignments by Year						August 2007	
Council for the Built Environment (CBE)			YEAR						TOTAL Assignable Area	Assignable SF Remaining Need
#	College	CBE post phase 1 assessed need	2006	2007	2008	2009	2010	2011		
	DRAFT									
43	Education	49,950	-	-	-	-*	-	21,795	21,795	28,155
44	Francis Building		-	-	-	-	-	21,795	21,795	
45	Francis Addition		-	-	-	-	-	-	-	
46	Bell Building 12,599		-	-	-	-	-	-	-	
47	Less: Reed Building - 11,215		-	-	-	-	-	-	-	
48	ETED Partnership		-	-	-	-	-	-	-	
49	ILSB Partnership		-	-	-	-	-	-	-	
50	LAAH Partnership		-	-	-	-	-	-	-	
51	Classroom Renovation to Office space		-	-	-	-	-	-	-	

Net Gain: Reed to Bell = 1,384 sqft



Education & Human Resources

	Square Feet	
Normalized Need:	(64,721)	
• Phase I Gain	+14,771	
Post Phase I Need	(49,950)	
• <i>Phase II Gain</i>	+21,795	<i>Francis Hall</i>
<i>Post Phase II Need</i>	<i>(28,155)</i>	
• Fall 2008 SNAPS	??	

Campus Wide Space Needs Assessment

Office of Facilities Coordination
Texas A&M University



Education & Human Resources



DRAFT Texas A&M University
Council on the Built Environment
Space Needs Assessment
Average Existing Office Size Used as Planning Standard

College of
Education & Human Development



Facilities
COORDINATION
Printed
9/2/2009

Department Detail

COMPUTED SPACE NEEDS


ATM | TEXAS A&M
UNIVERSITY

DRAFT

Fall 2008

Summary By Unit

College of Education & Human Development

 Department/User Name	Assignable Area		Actual of Computed	Headcount Personnel
	CURRENT Area -	Computed NEED = Difference		
1 Dean-CEHD	19,738			64
2 EAHR-Ed Adm & Human Resource Dev	16,666			89
3 EPSY-Educational Psychology	25,278			160
4 HLKN-Health & Kinesiology	61,880			124
5 HLKN-Exercise Physiology	20,044			50
6 TLAC-Teaching, Learning & Culture	21,885			177
7 HLKN-PEAP (Exercise)	81,394			47
8 _____	0			0
9 _____	0			0
10 _____	0			0
11 _____	0			0
12 _____	0			0
13 _____	0			0
14 _____	0			0
15 _____	0			0
16 _____	0			0
17 _____	0			0
Total	246,885		85.1%	711
Adjustments				
Less:	0			0
Less:	0			0
Adjusted Total	246,885			711

Campus Wide Space Needs Assessment

Office of Facilities Coordination
Texas A&M University



Education & Human Resources



Summary

Space Needs

- Exercise Physiology
- **Active Space Management Practices**
- Reed Building & G.Rollie White
- **Francis Hall**
- Buettel Hall
- New Facility

Fire & Life Safety

Facility Condition

ATM | TEXAS A&M UNIVERSITY

DRAFT Fall 2008

COMPUTED SPACE NEEDS
College of Education & Human Development

Summary By Unit

 Department/User Name	Assignable Area			Actual of Computed	Headcount Personnel
	CURRENT Area -	Computed NEED	= Difference		
1 Dean-CEHD	19,738	18,722	1,016		64
2 EAHR-Ed Adm & Human Resource Dev	16,666	17,946	-1,280		89
3 EPSY-Educational Psychology	25,278	31,283	-6,005		160
4 HLKN-Health & Kinesiology	61,880	69,532	-7,652		124
5 HLKN-Exercise Physiology	20,044	32,046	-12,002		50
6 TLAC-Teaching, Learning & Culture	21,885	28,348	-6,463		177
7 HLKN-PEAP (Exercise)	81,394	92,243	-10,849		47
8 _____	0	0	0		0
9 _____	0	0	0		0
10 _____	0	0	0		0
11 _____	0	0	0		0
12 _____	0	0	0		0
13 _____	0	0	0		0
14 _____	0	0	0		0
15 _____	0	0	0		0
16 _____	0	0	0		0
17 _____	0	0	0		0
Total	246,885	290,120	-43,235	85.1%	711
Adjustments					
Less:	0	0	0		0
Less:	0	0	0		0
Adjusted Total	246,885	290,120	-43,235		711



Education & Human Resources

Square Feet

Normalized Need:

(64,721)

- Phase I Gain

+14,771

Post Phase I Need

(49,950)

- *Phase II Gain*

+21,795

Space Not Assigned

Francis Hall

Post Phase II Need

(28,155)

- **Fall 2008 SNAPS**

(42,235)



Education & Human Resources

Square Feet

Normalized Need:

(64,721)

- Phase I Gain

+14,771

Post Phase I Need

(49,950)

Space Assigned

- Reed to Bell Bldg Net

+ 1,384 *(11,215 to 12,599)*

Adjusted Phase II need

(48,566)

- **Fall 2008 SNAPS**

(42,235)

Facility Condition Analysis (FCA)
College of Education and Human Development
Texas A&M University

Building #	Building Name	Year Built	GSF	Replacement Cost	Total Project Cost *	FCNI **	Assigned GSF	% Assigned GSF	Share of Project Cost
360	Netum Steed Lab	1986	26,250	6,833,000	\$2,091,170	0.31	3,755	14.30	\$299,137
364	Smith Tennis Courts		2,024	n/a	n/a	n/a	2,024	100.00	n/a
369	Read Building	1960	153,886	38,946,000	\$13,024,614	0.33	133,194	86.55	\$11,273,283
435	Harrington Education Center Office Tower	1973	130,844	32,421,000	\$16,682,756	0.51	119,143	91.06	\$15,190,865
438	Harrington Education Center Class Room	1974	61,860	17,442,000	\$8,910,415	0.51	321	0.52	\$46,237
453	G. Rollie White Coliseum	1952	177,838	40,013,000	\$19,367,159	0.48	131,894	74.17	\$14,363,702
481	Heaton Hall	1926	13,640	4,195,000	\$456,579	0.11	13,640	100.00	\$456,579
493	Bell Building	1942	51,802	3,959,000	\$7,230,728	1.83	2,215	4.28	\$309,178
511	Heep Lab	1957	40,476	15,793,000	\$9,893,944	0.63	5,507	13.61	\$1,346,130
1490	Cabin At Challenge Course		746	n/a	n/a	n/a	746	100.00	n/a
1491	Shed At Challenge Course		30	n/a	n/a	n/a	30	100.00	n/a
1492	Classroom at Challenge Course		30	n/a	n/a	n/a	30	100.00	n/a
1563	H&K Equipment Storage Bldg		30	n/a	n/a	n/a	30	100.00	n/a
1570	West Campus Tennis Center	2003	2,962	709,000	\$169,896	0.24	2,513	84.84	\$144,142
6881	Bath House		2,840	n/a	n/a	n/a	2,840	100.00	n/a
7751	TEEX Office Building		39,760	n/a	n/a	n/a	5,058	12.72	n/a

* Includes capital renewal, deferred maintenance and plant adaptation for the next ten years

** Facility condition needs index (total project cost / replacement cost)

CBE

Fire and Life Safety Facility Status
College of Education and Human Development
February 3, 2010

#360 – Steed Research & Conditioning Lab

Not sprinkled.

The fire alarm system is near or at the end of its useful life (24 + years old)

Good egress from H&K area. Single exit off 2nd level of Athletics areas

#364 – Smith Tennis Center

Storage in need of minor maintenance

#369 – Read Building – PHPL Sprinkler estimate - \$1,760,000 (scheduled for FY12)

Building is not sprinkled

Building has multiple dead end and common path issues

Building lacks appropriate door hardware, emergency lighting, and exit lighting in many areas of the building.

FAS relatively new

Under Kyle Field – requires fire watch personnel during games

#435 – Harrington Tower

Fully sprinkled

Good FAS

SFM has approved variances that normally required exits to discharge directly to the outside (benefit not worth the cost)

#438 – Harrington Classroom

Fully sprinkled

Good FAS

Egress variance approved on 2nd floor due to lack of enclosed exits.

#453 – G. Rollie White Coliseum – Sprinkler Estimate \$1,610,000 (scheduled for FY11)

No sprinkler system

Dead Ends

Single exit from part of 2nd level

Steps in arena do not meet code.

Good FAS

Very old generator in building, lacks code compliant exit signs, emergency lights

#481 – Heaton Hall – Sprinkler estimate - \$143,750 (scheduled for FY12 but may be moved up)

Single exit from second level

Good FAS

Nothing else major (minor exit signage, emergency lights)

#493 – Dulie Bell – Sprinkler Estimate \$540K (scheduled for FY12)

Not sprinkled

FAS past useful life

Portions of building lack 2nd exit (basement – not H&K area)

Non code compliant exit signs and emergency lights)

FAS
Fire Alarm
system

#1490, 1491, 1492

Ropes course – Not Inspection as of this time. Will be in Feb – No information

#1563 – Storage by Mount Aggie

Not sprinkled, no FAS – neither a priority. Just storage.

No major issues

#1570 – West Campus Tennis Center

No major issues. FAS is off brand system. Works but will probably not get the life of better system.

#2913 - 3400 Texas Family Health Center

Believe this to be lease space.

#2920 – 501 Industrial Blvd.

Lease Space

#6881 – Bath House

Old shower for pool. Possibly storage

#7751 – TEEX Office Bldg.

Not sprinkled. Good FAS

Minor issues such as exit signs, emergency lights, possibly door hardware probably the biggest issues.