

College of Architecture Space Needs

**A Presentation to the
Council for the Built Environment**

**Dr. Jorge Vanegas
Dean**



February 24, 2010

College of Architecture
SNAPS Summary



SNAPS Chronology

College of Architecture received draft SNAPS Report January 7th, 2010

Unit heads meet to discuss Space needs February 1st, 2010

Units submit revised information January 20th to February 5th, 2010

Revised draft SNAPS report received February 12th, 2010

Updated draft SNAPS report received February 23rd, 2010

CBE Presentation February 24th, 2010

SNAPS Summary by Unit

Pg	Department/User Name	Assignable Area			Actual of Computed	Headcount Personnel
		CURRENT Area -	Computed NEED =	Difference		
1	Dean-Architecture	40,106	47,075	-6,969		151
2	Cntr for Housing & Urban Development	1,407	2,194	-787		8
3	CRS Center	1,324	1,492	-168		8
4	Hazards Reduction & Recovery Ctr	1,526	3,224	-1,698		30
5	Ctr for Health Systems & Design	1,798	2,693	-895		20
6	Visualization Dept	12,910	17,062	-4,152		45
7	Architecture	39,987	95,655	-55,668		134
8	Construction Science	8,501	15,481	-6,980		62
9	Landscape Arch & Urban Planning	15,821	34,112	-18,291		122
10	Architecture Ranch	7,283	7,924	-641		6
11	Ctr for Heritage Conservation	1,407	1,315	92		7
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		132,070	228,227	-96,157	57.9%	593
Adjustments						
	Plus Classrooms	4,007	0	0		0
	Less:	0	0			0
ADJUSTED TOTAL		136,077	228,227	-92,150		593



SNAPS Summary by Type of Space

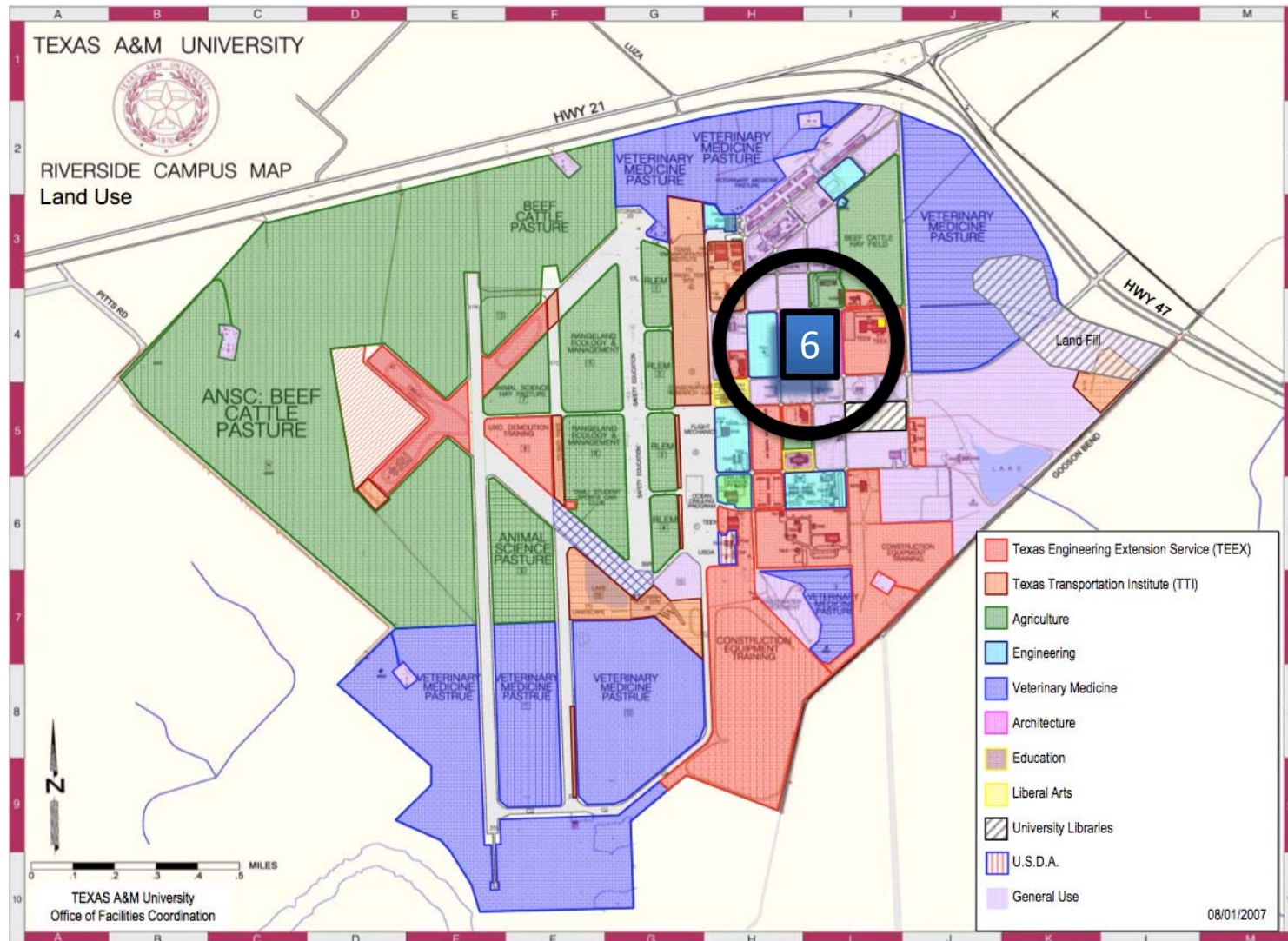
TYPE OF SPACE	Assignable Area			Actual of Computed	Headcount Personnel	
	Actual	-	Computed NEED = Difference			
OFFICE						
Administrator-1	1,244		7,200	-5,956	17.3%	30
Administrator-2	671		1,442	-771	46.5%	8
Faculty-1	17,672		24,435	-6,763	72.3%	157
Faculty-2	0		1,291	-1,291	0.0%	9
Staff (Non-Classified)	5,376		6,644	-1,268	80.9%	49
Support (Classified)	6,567		2,982	3,585	220.2%	18
Grad Asst Teaching	6,464		7,131	-667	90.6%	56
Grad Asst NonTeaching	0		10,779	-10,779	0.0%	74
Grad Asst Research	0		5,090	-5,090	0.0%	50
Research Asst	0		60	-60	0.0%	1
Student Staff	0		4,230	-4,230	0.0%	141
Other	0		0	0	#N/A	0
OFFICE SUBTOTAL	37,994		71,283	-33,289	53.3%	
Conference	3,144		8,785	-5,641	35.8%	
Office Service	1,826		3,566	-1,740	51.2%	
Teaching Laboratory	2,339		11,312	-8,973	20.7%	
Research Laboratories	3,565		10,992	-7,427	32.4%	
Special Use	83,202		122,289	-39,087	68.0%	
GRAND TOTAL	132,070		228,227	-96,157	57.9%	593

*College of Architecture
Space at a Glance*

The College is spread on-campus across five buildings...



... and one at the Riverside Campus



1

*Langford
Architecture
Center,
Building A*

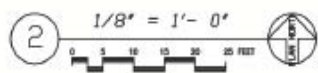






Langford A Second Floor

- ARCH
- CIRCULATION
- COMMON SUPPORT
- DEAN



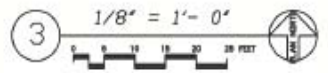


ADMINISTRATIVE
G.I.S.
100 UNIVERSITY, WACO, TEXAS 76798
(817) 257-2000 FAX (817) 257-2001

FILE NAME: 0390-2
DATE: 03-01-99
DRAWN: DAVID G. DE LEDN
CHECKED: DAVID G. DE LEDN
APPROVED: STEPHEN FRANKLIN
SCALE: 1/8" = 1'-0"
HAMMER
SHEET: 02 of 05



- ARCH
- CIRCULATION
- COMMON SUPPORT



Langford A Third Floor

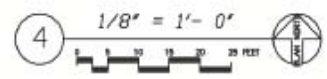
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SHEET:	

TEXAS A&M UNIVERSITY
COLLEGE OF
ARCHITECTURE

FILE NAME:	0390-03
DATE:	03-11-99
DRAWN:	DAVID D. DE LEON
CHECKED:	DAVID D. DE LEON
APPROVED:	STEPHEN FRANKLIN
SCALE:	1/8" = 1'-0"
NAME:	
SHEET:	03 of 05



Langford A Fourth Floor



NO.	DATE	REVISIONS

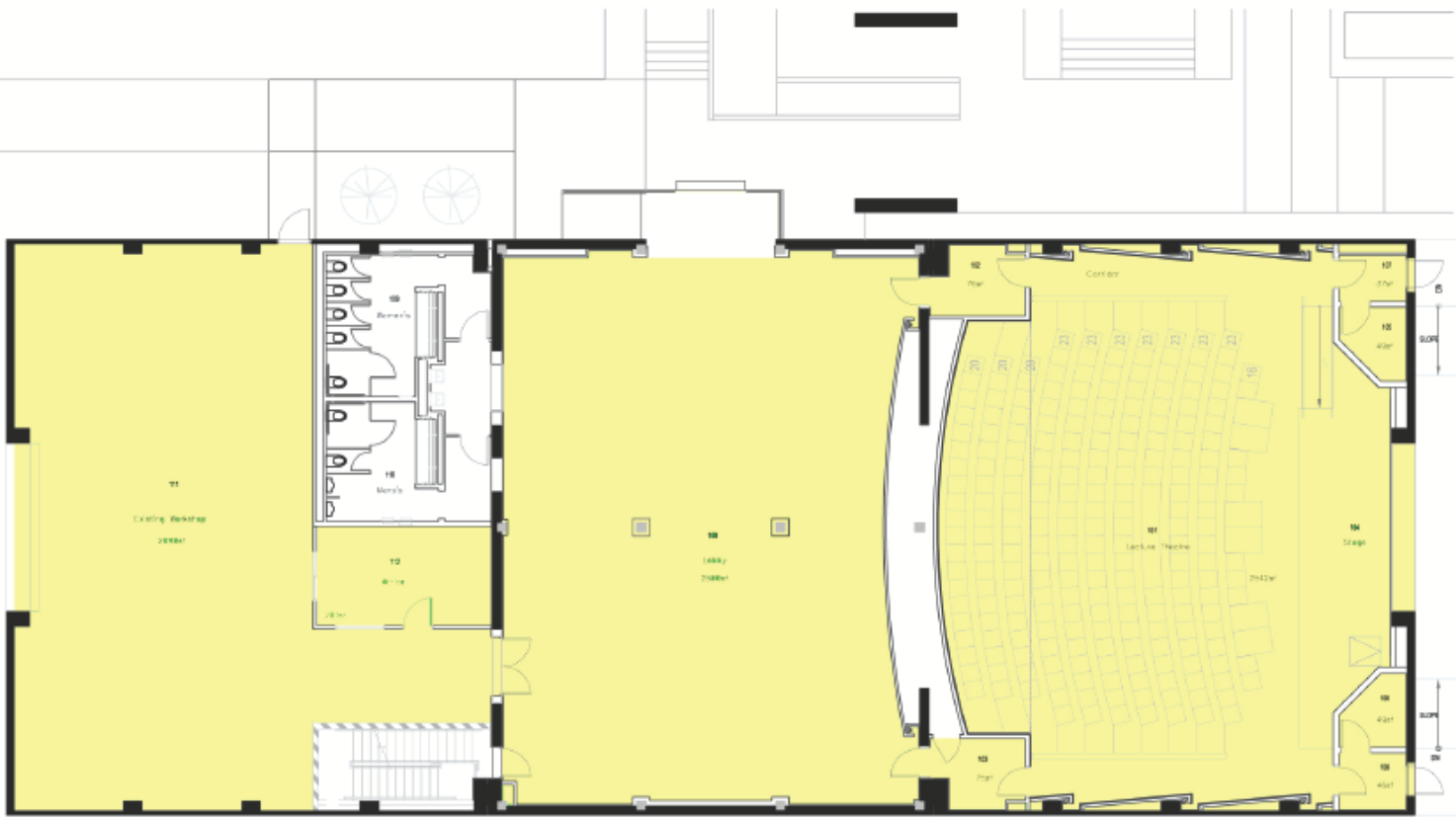
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DATE
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CHECKED
APPROVED
SCALE
DESIGNED
SHEET OF 34

2

*Langford
Architecture
Center,
Building B*







- ARCH
- CIRCULATION
- COMMON SUPPORT

Langford B First Floor



- ARCH
- CIRCULATION
- COMMON SUPPORT

Langford B Second Floor

3

*Langford
Architecture
Center,
Building C*





Architecture Center



NO.	DATE	REVISIONS



- ARCH
- CIRCULATION
- COMMON SUPPORT

SHEET TITLE:

FILE NAME:
BL3GC-04

DATE:
03-28-99

DRAWN:
DAVID D. DE LEDN

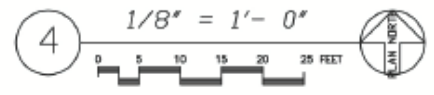
CHECKED:
DAVID D. DE LEDN

APPROVED:
STEPHEN FRANKLIN

SCALE:
1/8" = 1'-0"

SHEET
05 of 05

Langford C Fourth Floor



4

*Jack K. Williams
Administration Building
(Ground Floor)*





5

*Pavilion
Building
(First Floor)*





Pavilion Building First Floor



0471 PAVILION - FIRST FLOOR

GRAPHIC SCALE



SQ. FT. =	---
GROSS SQ. FT. =	19,913
FLOOR PLAN STATUS:	
	NOT VERIFIED
THE CONTENT OF THIS FLOOR PLAN HAS NOT BEEN VERIFIED BY OUR OFFICE. FLOOR PLAN UPDATES CAN BE CONTRACTED. FOR MORE INFORMATION, PLEASE CALL TAMU GIS AT (979) 847-8783.	
FILE NAME:	0411-02
DATE:	03/2007
DRAWN:	J. SUMMERS
CHECKED:	MA
APPROVED:	MA
SCALE:	AS NOTED
PLANNED:	
REVISED:	01 of 02



NO	DATE	DESCRIPTION

TEXAS A&M UNIVERSITY
PAVILION

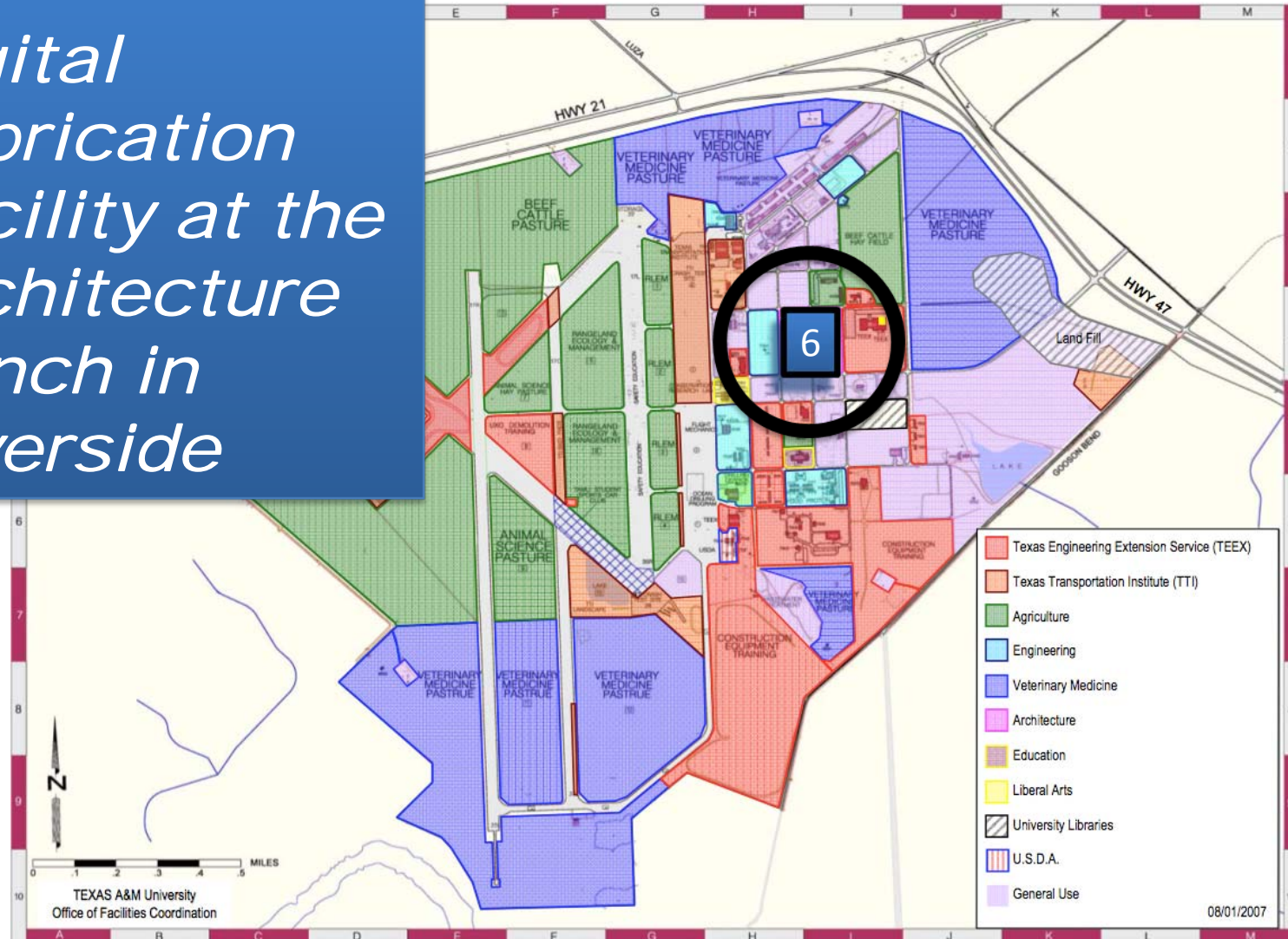


BUILDING # 0471

SECOND FLOOR

6

Digital Fabrication Facility at the Architecture Ranch in Riverside





College of Architecture
Special Use Spaces

Special Use Spaces

- **Studio spaces** (51 studios) drive the enrollment in the College for three of the four departments (ARCH, LAUP, and VIZ)
- **Computer laboratories** and data processing
- **On-campus fabrication facility** (wood shop, paint booth, 3-D laser printing, laser cutting)
- 23 other **specific special uses** (e.g., photography, audiovisual, production studio for VIZ, exhibition spaces, Wright Art Gallery, the Technical Resource Center, and others)

Studios



Computer Labs



Technical Resource Center



Wright Gallery



On-Campus Fabrication Facility



College of Architecture
Quality of Space Issues

Cramped Studios



Cramped Departmental, Faculty, and Staff Offices



Storage



College of Architecture Projections

Personnel Population

	ARCH		COSC		LAUP		VIZ		College	
	2008	2015	2008	2015	2008	2015	2008	2015	2008	2015
Personnel	2008	2015	2008	2015	2008	2015	2008	2015	2008	2015
Administrator 1	3	2	0	0	1	1	0	0	18	19
Administrator 2	2	2	1	2	3	3	2	3	0	0
Faculty	62	47	29	47	38	39	18	25	0	0
Staff (Non-classified)	5	4	3	5	3	3	3	4	31	33
Staff (Classified)	1	1	2	3	2	2	1	1	8	9
GAT	12	9	14	23	17	17	10	14	0	0
GANT	26	20	3	5	9	9	4	6	18	19
GAR	7	5	2	3	12	12	5	7	1	1
Research assistant	0	0	0	0	0	0	0	0	0	0
Student/Staff	16	12	8	13	37	38	2	3	75	81
Other	0	0	0	0	0	0	0	0	0	0
TOTAL	134	102	62	101	122	124	45	63	151	162

<u>Personnel</u>	<u>Fall '08</u>	<u>Fall '15 Projected headcount</u>
Total	514	552

Student Population

	ARCH		COSC		LAUP		VIZ		College	
Students	2008	2015	2008	2015	2008	2015	2008	2015	2008	2015
Undergraduate	572	400	664	800	201	300	0	200	37	50
Masters	111	115	129	140	118	120	69	100	0	0
Doctoral	44	44	0	0	46	50	0	0	0	0
Total	727	559	793	940	365	470	69	300	37	50

Students	Fall '08	Fall '15 Projected headcount
Undergraduate	1474	1750
Masters	427	475
Doctoral	90	94
Total	1991	2319

Space Needs

	Assignable Area				
Department / User Name	2008 Current Area	2008 Needed Area	2015 Projected Area	2008 Difference	2015 Difference
Dean Architecture	40,106	47,076	46,789	-6,970	-6,683
Centers	14,745	18,842	8,702	-4,097	6,043
Dept. of Architecture	39,987	95,655	75,819	-55,668	-35,832
Dept. of Const. Science	8,501	15,482	31,683	-6,981	-23,182
Dept. of Land and Urban	15,821	34,112	51,321	-18,291	-35,500
Dept of Visualization	12,910	17,062	25,902	-4,152	-12,992
TOTAL	132,070	228,229	240,216	-96,159	-108,146
Adjustments					
Classrooms	4,007				
ADJUSTED TOTAL	136,077	228,229	240,216	-96,159	-108,146

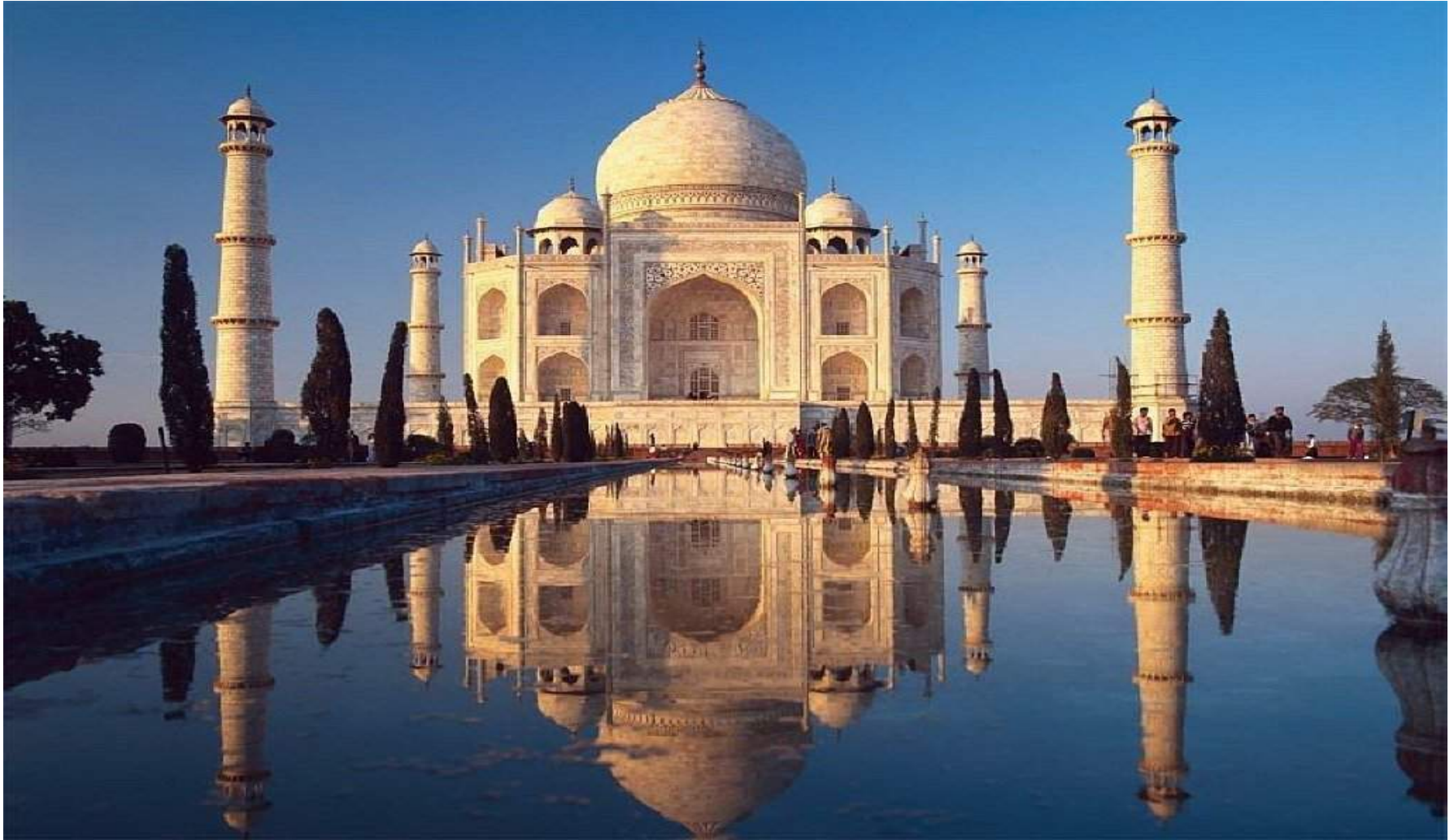


College of Architecture
The Path Ahead

Our Current Reality



Our Aspirational Goals



But more seriously, the College of Architecture has the capacity to develop creative solutions to our space needs.

For example...



Or, here is another example...



And, for future buildings that may result from fund raising efforts, we need a bold change of paradigms...



*College of Architecture
Conclusion*

Conclusion

- In general, the College of Architecture concurs with the SNAPS Report. As the report indicates, there is definitely a current need for additional space (**96,159 sq. ft.**).
- However, to meet the projected growth through 2015, the College of Architecture will need additional space (**11,987 sq. ft.** more, for a total of **108,146 sq. ft.**).
- Furthermore, the **quality of certain spaces** will need to be improved in order for the College of Architecture to meet its goals regarding learning/teaching and research/creative work activities, at the high levels of excellence demanded by Vision 2020.