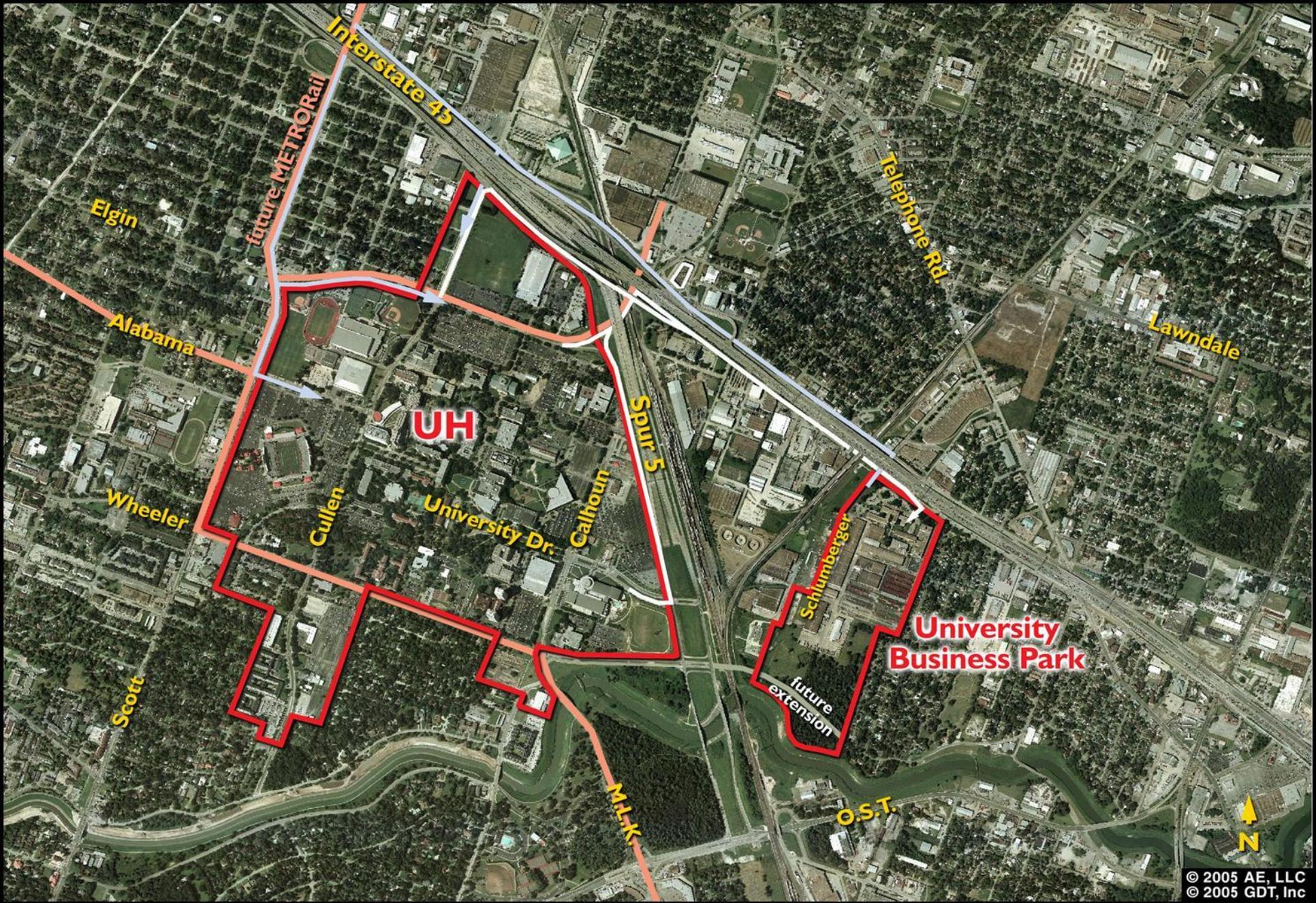


Campus Facilities Planning Committee Meeting

April 10, 2009

Acquisition of University Business Park



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Central Utility Plant Expansion

University of Houston
Air Conditioning Cooling Load, Present and Future

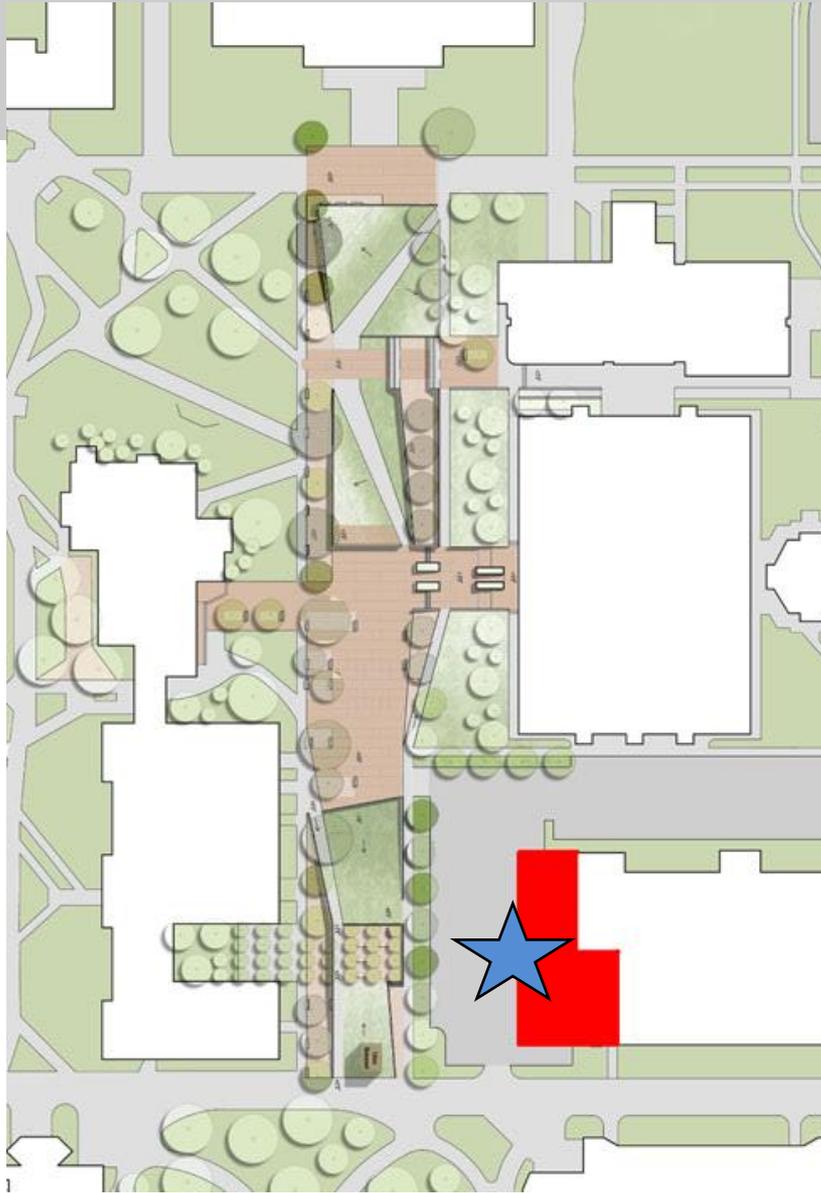
Facility	Type of Building	Size (GSF)	Diversified Cooling Load Contribution (tons)	
Existing Buildings			12,700	
Board Approved Buildings:				
Calhoun Lofts	Residence Hall	569,000	1,000	
Cemo Hall	Classroom	34,000	80	
SERC Buildout (Existing Shell Space)	Research Labs	50,000	250	
Fleming Hall Addition	Classlabs/Research Labs	60,000	300	
Stadium Addition	Stadium Suites/classrooms	133,700	250	
Freshmen Housing-Phase 1	Residence Hall	339,000	595	Total Load Approved Bldgs- 2475 Tons
Valenti Addition	Classrooms/Studios	10,000	25	
Bauer 3	Classrooms/Offices	87,000	200	
EN Student Services	Classrooms/Offices	102,000	250	
Freshmen Housing-Phase 2	Residence Hall	339,000	595	
Optometry	Classrooms/ Research Labs/ Clinics	137,000	690	Total Load Upcoming Proj- 1760 Tons
TOTAL			16,935	

Cooling Capacity of Utility Plant:

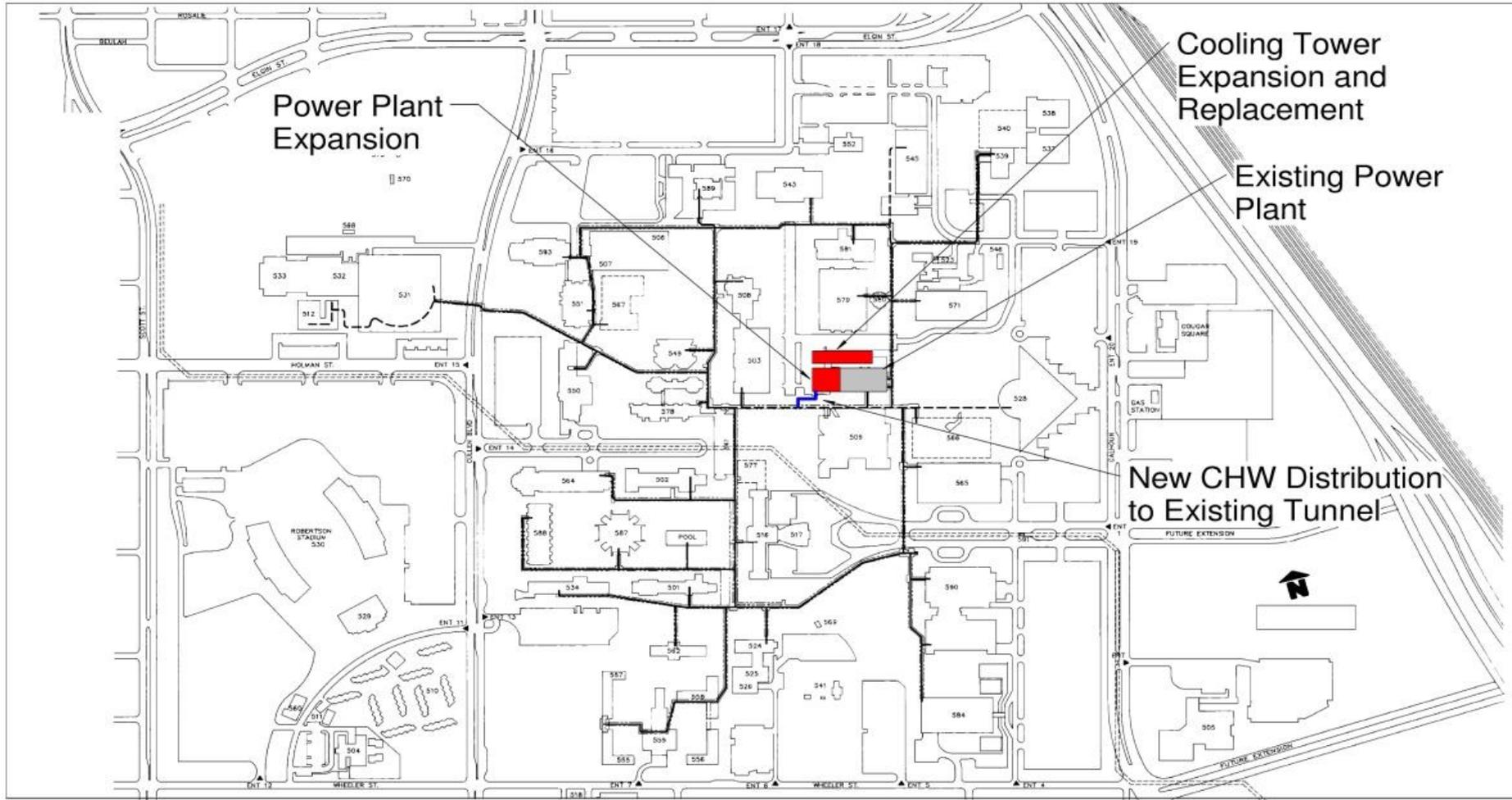
Existing Firm Capacity	14,000 tons
Proposed Firm Capacity	18,500 tons
Existing Total Capacity	19,000 tons
Proposed Total Capacity	23,500 tons



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Power Plant Expansion 2009

University of Houston

GEOTECH ENGINEERING AND TESTING + KUO & Associates, Inc. + PINNACLE STRUCTURAL ENGINEERS + PGAL ARCHITECTURE + INTELLEX

Chilled Water Distribution

March 17, 2009

Scale 1" = 400'-0"

G1.1

SHAH SMITH & ASSOCIATES

Budget for Central Plant Renovation

Construction/Upgrade Central Plant	\$29,720,000
Central Plant Piping Revisions	\$ 1,539,000
Boilers Misc./Central Plant	\$ 5,705,000
<u>Contingency Reserve</u>	<u>\$ 4,300,000</u>
Subtotal Construction	\$ 41,264,000
Design Fees	\$ 1,457,000
System PM	\$ 1,500,000
Other Services	\$ 480,000
<u>Art</u>	<u>\$ 480,000</u>
PROJECT TOTAL-CENTRAL PLANT RENOVATION	\$45,181,000

Jack J. Valenti
School of Communication
Expansion



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Jack J. Valenti School of Communication Space Program

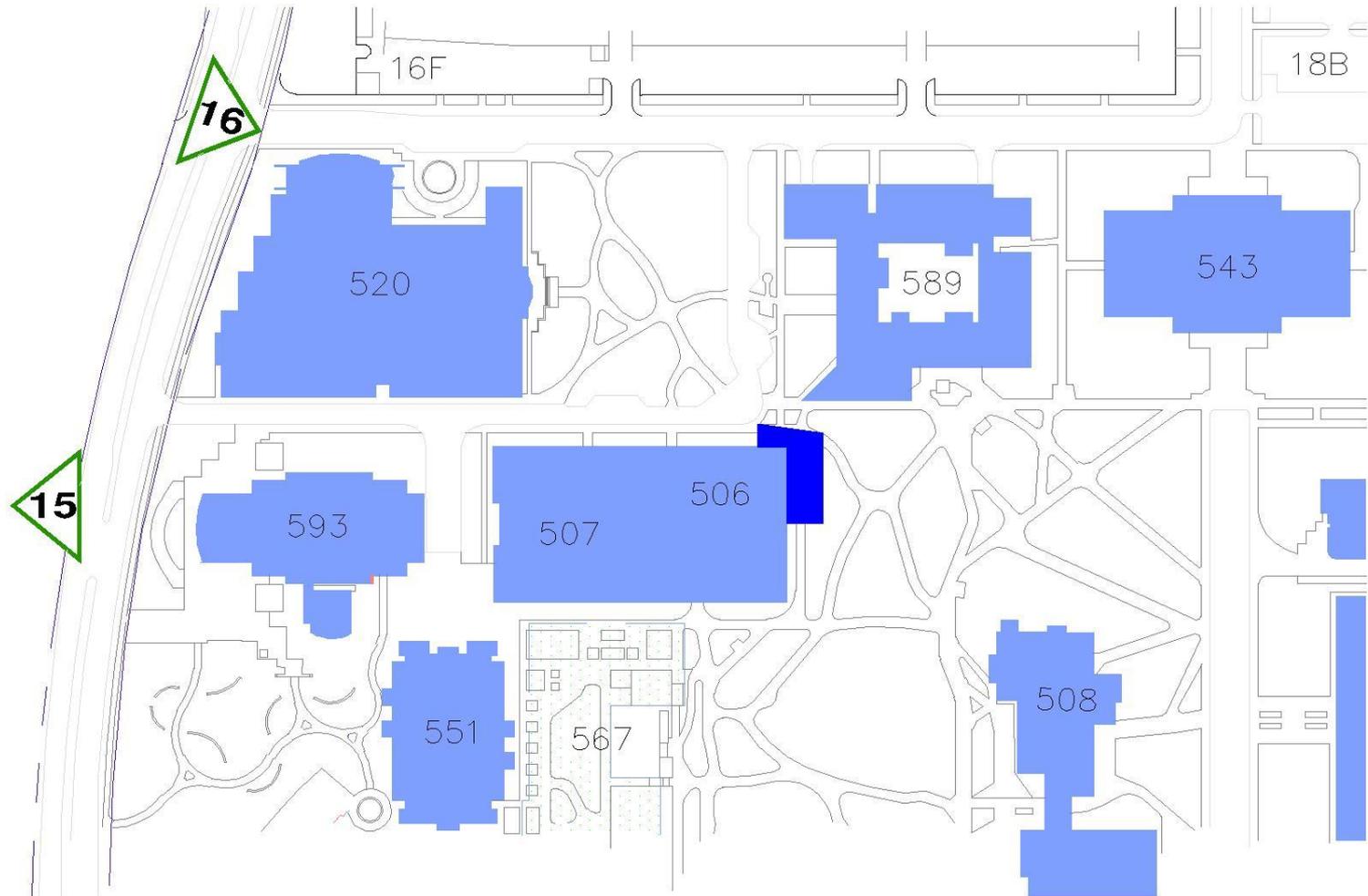
4/2/2009

Room type	Renovation	New Construction	Phase I
Public Space			
Lobby/Entry	725	450	1,175
Reconfigured space for circulation	0	194	194
Group 1 - Studios			
Large video production studio	0	2,000	2,000
Video production studio	1,200	0	1,200
Studio storage	1,000	125	125
Mechanical / electrical	93	In Efficiency Factor	93
Studio control rooms	250	250	500
Announcer / voice-over booth	50	0	0
Group 2 - Audio			
Hi-definition edit suites	150	150	150
Post-audio / suite control room	150	0	150
30 seat audio classroom	960	0	960
20 seat classroom	410	0	410
Audio control room	0	0	0
Edit stations	200	0	0
Group 3 - Studio Support			
Engineering Room	750	0	0
Equipment storage	0	0	0
Workstudy Bullpen	0	0	0
Group 4 - Administration			
Staff offices - production	300	150	450
Admin offices suite, incl: Reception, Breakroom, Conference, Office Storage			
New faculty offices	0	750	0
Relocated faculty offices	300	0	0
Future growth faculty /staff offices	0	600	0
Phase I New Construction NSF			3,169
Phase I Renovation: Program Space NSF			4,238
Phase I New Construction GSF			4,875
Phase I Renovation: Program Space GSF			6,520
			11,395

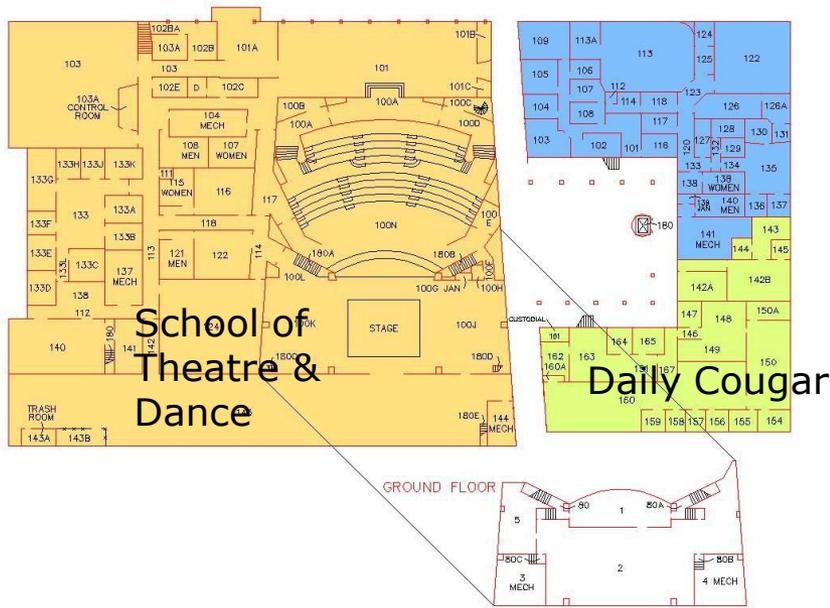
Total GSF Future Exist & Renov

0
2
0
0
1,000
82
0
50
150
0
-210
0
250
250
750
600
300
0
TBC
0
0
750
300
600

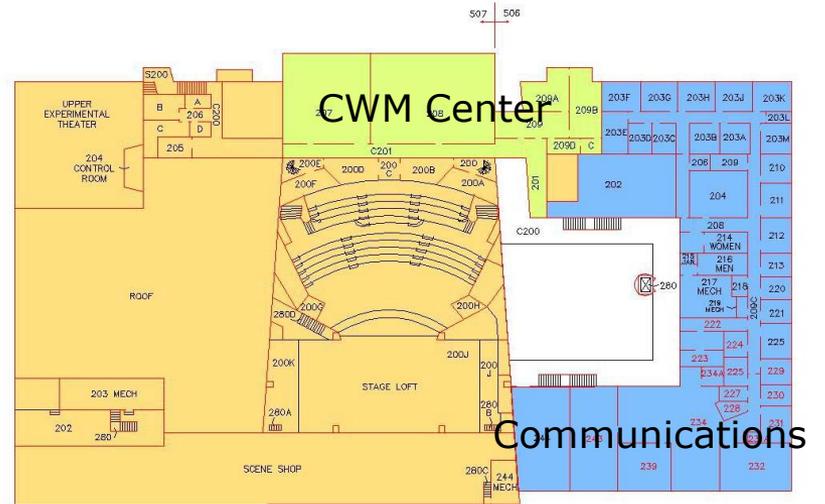
Includes 65% Efficiency Factor



Campus Location Plan



Existing First Floor



Existing Second Floor

