

Noise Survey 2015 Results and Recommendations

Noise Survey Method:

For 2015, the EHSRM department used an Extech sound level meter model number 407730. The meter does not need external calibration because it is calibrated at the factory. Prior to performing the inspections, each location from the Master List designated as needing a “Hearing Protection Required” sign was inspected to ensure that the posted signs were still in working condition. Typically, the EHSRM department selects 30% of the least recently inspected locations from the Master List to inspect and this procedure was followed for 2015. Two new locations were also identified: Strahan Coliseum mechanical rooms located on the catwalk and the mechanical rooms in Derrick Hall. Although these were not new mechanical rooms, there had been adjustments to the noise levels in these rooms over the past year. For this reason they were inspected and added to the Master List for future inspection.

Noise Survey Results:

The Master List attached shows the locations inspected in red. Neither of the two new locations, Derrick Hall and Strahan Coliseum, exceeded the 85 decibel level so hearing protection signs were not posted. For RFMitte two rooms were listed as needing hearing protection if Equipment Was Operating (1210 and 1225). The safety coordinator reported that there had been no change to the equipment within those spaces so these areas were not measured in 2015. Likewise for the Aqua Sports Center, there have been no changes to the compressor in the space so measurements were not made. All of the other locations identified for 2015 on the Master List showed no changes in decibel level, therefore the existing signage was left in place. A sign was replaced at FCS mechanical room 160.

Overall, there are 74 locations on the Master List and 21 noise surveys were performed in 2015; 18 old locations and 3 new locations. JCK 2nd floor mechanical room was number 206, but is now 265A. Please refer to the following pages to see the maps of each location that was surveyed, along with the dB readings. An updated Master List of the rooms is also attached

Noise Survey Recommendations:

The EHSRM Office recommends continuing with the method of selecting 30% of the Master List each year to measure noise as there is little change in the meter readings from year to year. The entire list of rooms should be checked each year for proper signage, making sure that all signs are intact and in a proper location.

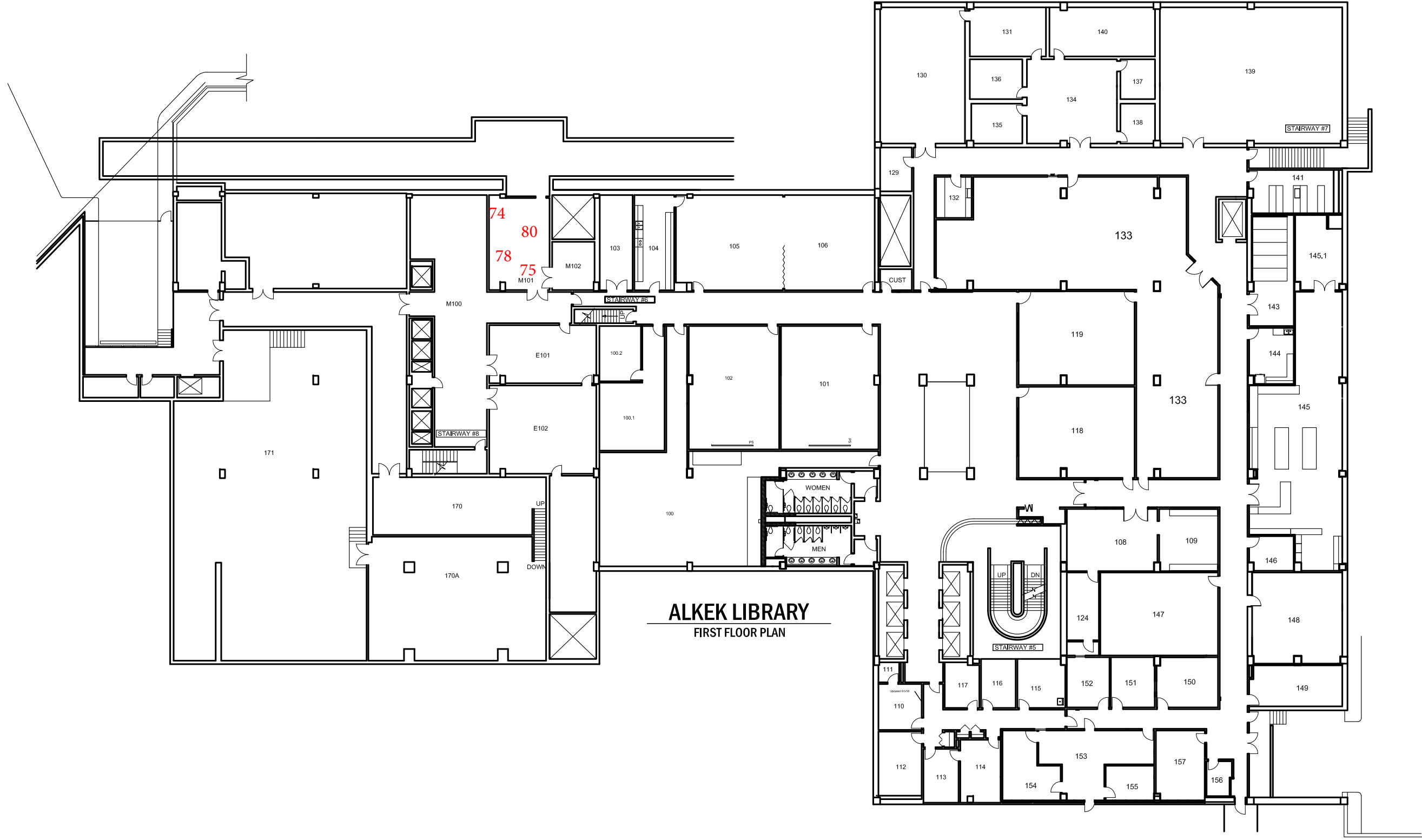
Texas State University: Master List of Rooms Having Noise

Campus Noise Survey Locations September 2015		Date Calibrated: September 2015		Hearing protection sign posted		Testing schedule		Comments	
Zone	Building	Location	Last Inspection	Inspected by	Hearing protection sign required	Hearing protection sign posted	Testing schedule	Comments	
1	DHRL	M110-Ground Mechanical	9/16/2015	Tyler Hammond	No	No	2015	Replaced sign ; 2015	
1	FCS	1st floor mechanical (160)	9/6/2013	Sherri Gore	Yes	Yes	2013		
1	FCS	1st floor mechanical (116)	9/6/2013	Sherri Gore	No	No	2013		
1	FCS	1st floor mechanical (184A)	9/6/2013	Sherri Gore	No	No	2013		
1	FCS	2nd floor mechanical (202)	9/6/2013	Sherri Gore	no	no	2013		
1	FCS	2nd floor mechanical (291A)	9/6/2013	Sherri Gore	No	No	2013		
1	FCS	2nd Floor mechanical (278)	9/6/2013	Sherri Gore	No	No	2013		
1	Harris Plant	Plant Mechanical Room	9/6/2013	Sherri Gore	Yes	Yes	2013		
1	Harris	1st floor boiler	9/30/2014	Tyler Hammond	Yes	Yes	2014		
1	Revele Center	Compactor Area	9/30/2014	Tyler Hammond	Yes	Yes	2014	Protection required when equipment is running	
	JCMitte	Outside Sculpting Area	10/6/2014	Tyler Hammond	Yes		2014	Protection required when equipment is running	
1	RF Mitte	Room 1210	9/22/2015	Tyler Hammond	Yes	Yes-When Running	2015	Pulled map from previous 2012 inspection, space operator says no change in equipment	
1	RF Mitte	Room 1211	9/12/2013	Sherri Gore	Yes	Yes	2013	Sounds vary from instruments being used to not	
1	RF Mitte	Room 1223	9/12/2013	Sherri Gore	Yes	Yes	2013	Sounds vary from instruments being used to not	
1	RF Mitte	Room 1225	9/22/2015	Tyler Hammond	Yes	Yes	2015	Pulled map from previous 2012 inspection, space operator says no change in equipment	
1	RF Mitte	Room 1236 (back hallway)	10/7/2014	Tyler Hammond	No	Yes	2014	Readings around 80-81 dB, but workers typically wear hearing protection	
1	RF Mitte	Room 1248	9/12/2013	Sherri Gore	Yes	Yes	2013		
1	Supple	Basement	10/6/2014	Tyler Hammond	Yes	Yes	2014		
1	Student Rec	3rd Floor	10/6/2014	Tyler Hammond	No	No	2014		
1	West Campus Housing	Fire Pump Room			No	No			
1	West Campus Housing	Mechanical Room	9/29/2014	Tyler Hammond	No	No	2014		
2	Alkek Library	basement HVAC	10/2/2014	Tyler Hammond	Yes	Yes	2014		
2	Alkek Library	1st floor mechanical (M101)	9/16/2015	Tyler Hammond	Yes	Yes	2015	Over 85 ddbels when compressor is running	
2	Co-Gen	Plant Mechanical Room	9/6/2013	Sherri Gore	Yes	Yes	2013		
2	Derrick Hall	1st Floor Mechanical Room	9/22/2015	Tyler Hammond	No	No	2015	New location	
2	Derrick Hall	Roof Mechanical	9/22/2015	Tyler Hammond	No	No	2015	New location	
2	Evans Liberal Arts	1st floor mechanical	9/6/2013	Sherri Gore	No	No	2013		
2	Evans Liberal Arts	2nd floor mechanical	9/6/2013	Sherri Gore	No	No	2013		
2	Evans Liberal Arts	3rd floor mechanical	9/6/2013	Sherri Gore	No	No	2013		
2	Evans Liberal Arts	Below stage electrical room		Tyler Hammond	No	No	2014		
2	Health Professions	1st floor/basement mech.	9/16/2015	Tyler Hammond	Yes	Yes	2015		
2	Health Professions	1st floor mechanical	10/6/2014	Tyler Hammond	Yes	Yes	2014		
2	Jackson Hall	Fire pumps	9/23/2015	Tyler Hammond	No	No	2015		
2	Jones Dining Hall	Basement mechanical	10/6/2014	Tyler Hammond	Yes	Yes	2014	Hearing protection needed when equipment is running	

Texas State University: Master List of Rooms Having Noise

Campus Noise Survey Locations September 2015									
Sound Level Meter: Extech Digital Sound Level Meter - model 407730									
Zone	Building	Location	Last Inspection	Inspected by	Hearing protection sign required	Hearing protection sign posted	Testing schedule	Comments	
2	LBJ Student Center	3rd floor mechanical (3-M.1)	10/2/2014	Tyler Hammond	Yes	Yes	2014		
2	North Campus Housing	M-125 Mechanical	9/16/2015	Tyler Hammond	No	No	2015		
2	San Jacinto Hall	Parking garage fire pump			No	No			
2	Tower	1st floor fire pumps		Tyler Hammond	No	No	2015		
2	UAC	Basement Mechanical 015	9/17/2013	Sherri Gore	No	No	2013		
3	ASB South	3rd floor mechanical	10/3/2014	Tyler Hammond	Yes	Yes	2014		
3	Aqua Sports	compressor	9/21/2015	Tyler Hammond	Yes	Yes	2015	Spoke to Aqua Sports operator, no changes in sound levels. Using map from past inspection.	
3	Centennial Hall	Basement/Parking Garage Level	9/17/2013	Sherri Gore	Yes	Yes	2013		
3	Chemistry	Ground Floor Mechanical	9/17/2015	Tyler Hammond	Yes	No	2015	New location	
3	Comal	B1A/B1B Mechanical Room	9/29/2014	Tyler Hammond	No	No	2014		
3	Comal	B3A Mechanical Room	9/29/2014	Tyler Hammond	No	No	2014		
3	Commons	G58	9/6/2013	Sherri Gore	No	No	2013		
3	Commons	G55	9/6/2013	Sherri Gore	Yes	Yes	2013		
3	Commons	basement mechanical (G101)	9/6/2013	Sherri Gore	Yes	Yes	2013	Sign is not on doors, located inside near piece of noisy equipment	
3	Commons	G102	10/3/2014	Tyler Hammond	No	No	2014		
3	East Chill Plant		9/6/2013	Sherri Gore	Yes	Yes	2013		
3	Edward Gary Parking	2nd floor electrical room (115)	9/13/2013	Sherri Gore	Yes	Yes	2013		
3	Flowers	1st floor mechanical	10/3/2014	Tyler Hammond	Yes	Yes	2014		
3	Hines	First Floor Mechanical	9/16/2015	Tyler Hammond	No	No	2015		
3	Hines	Ground Floor Mechanical	9/16/2015	Tyler Hammond	Yes	Yes-When Running	2015		
3	JCK	2nd floor electrical (265A)	9/21/2015	Tyler Hammond	Yes	Yes	2015	Room number changed from 206 to 265A sometime since last inspection	
3	JCK	2nd floor mech. Hall (265)	9/10/2013	Sherri Gore	Yes	Yes	2013		
3	Lampasas	3rd Floor	9/17/2015	Tyler Hammond	Yes	Yes-When Running	2015		
3	Lantana Hall	1st floor mechanical	9/17/2015	Tyler Hammond	Yes	Yes	2015		
3	Performing Arts Center	Mechanical Room 110	9/29/2014	Tyler Hammond	No	No	2014		
3	Performing Arts Center	Mechanical Room 307	9/29/2014	Tyler Hammond	No	No	2014		
3	Performing Arts Center	Mechanical Room 408	9/29/2014	Tyler Hammond	No	No	2014		
3	South Chill Plant	Cooling Towers	9/17/2013	Sherri Gore	Yes	Yes	2013		
3	South Chill Plant	Edward Gary PG	9/17/2013	Sherri Gore	Yes	Yes	2013		
4	Endzone Complex	119A-Machine Room (1M2)	9/15/2015	Tyler Hammond	Yes	Yes	2015	Location is labeled 1M2. Outside near loading dock. Signage added.	
4	Jowers	A182	9/15/2015	Tyler Hammond	Yes	Yes	2015	Both Jowers location on same map	
4	Jowers	A213	9/10/2013	Tyler Hammond	Yes	Yes	2013		

Texas State University: Master List of Rooms Having Noise									
Campus Noise Survey Locations September 2015				Date Calibrated: September 2015					
Sound Level Meter: Extech Digital Sound Level Meter - model 407730									
Zone	Building	Location	Last Inspection	Inspected by	Hearing protection sign required	Hearing protection sign posted	Testing schedule	Comments	
4 Jowers		B172 & B134	9/15/2015	Tyler Hammond	No	No	2015	Both Jowers location on same map	
4 Strahan Coliseum		Catwalk Mechanical Rooms	9/22/2015	Tyler Hammond	No	No	2015	New location	
4 Paint Shop		Spray booth	10/7/2014	Tyler Hammond	Yes	Yes	2014		
4 University Distribution		Fire pumps			No	No			



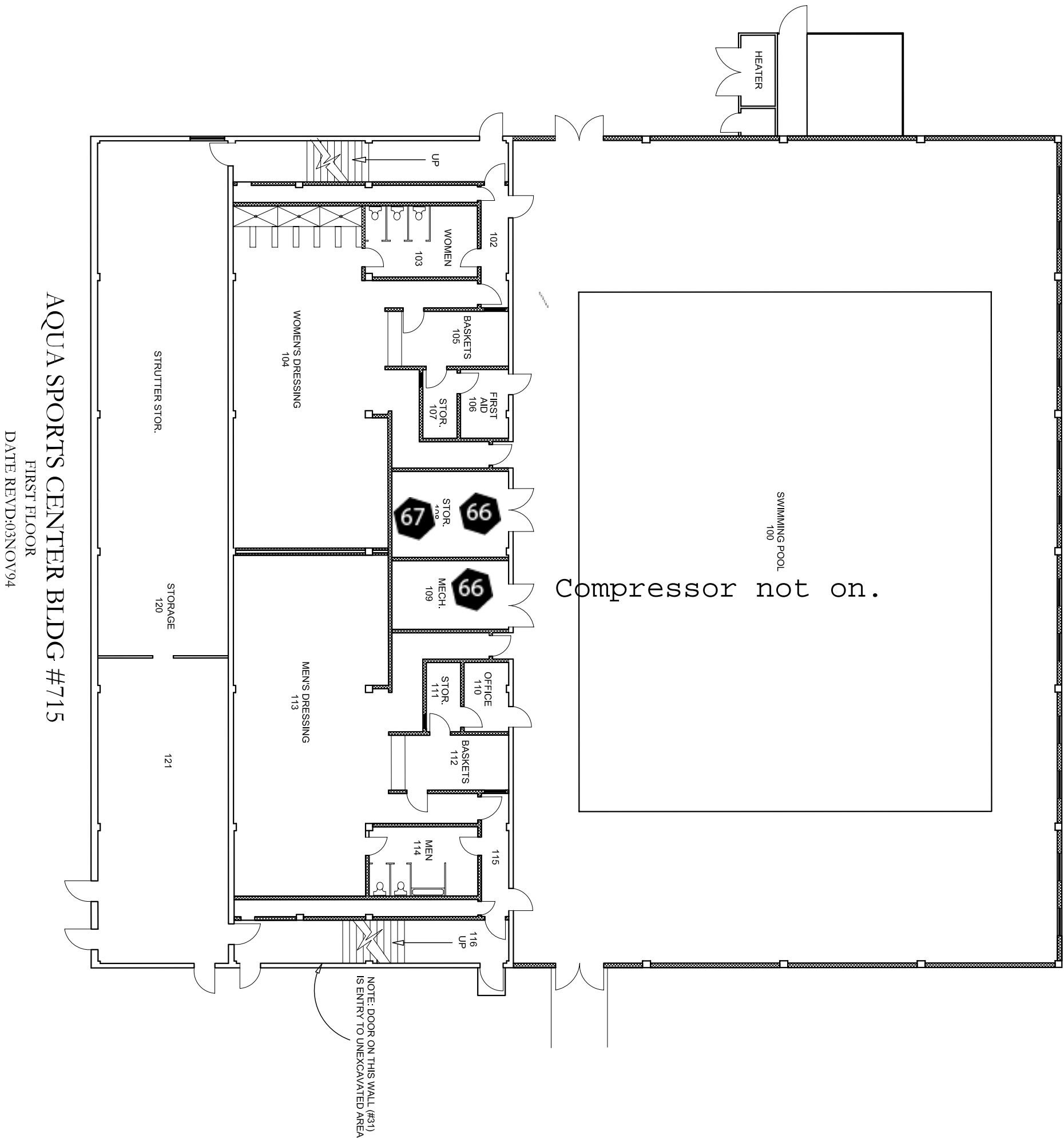
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Key

All sound level readings given in dB

Veronica Urzua- September 20, 2010



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Texas State University | SAN MARCOS

601 University Drive
San Marcos, Texas 78666-4616
Phone: (512)245-3657 Fax (512)245-8839

Title: Aquatic Sports Building - Bldg #715

1st Floor

File updated: 8/8/2006

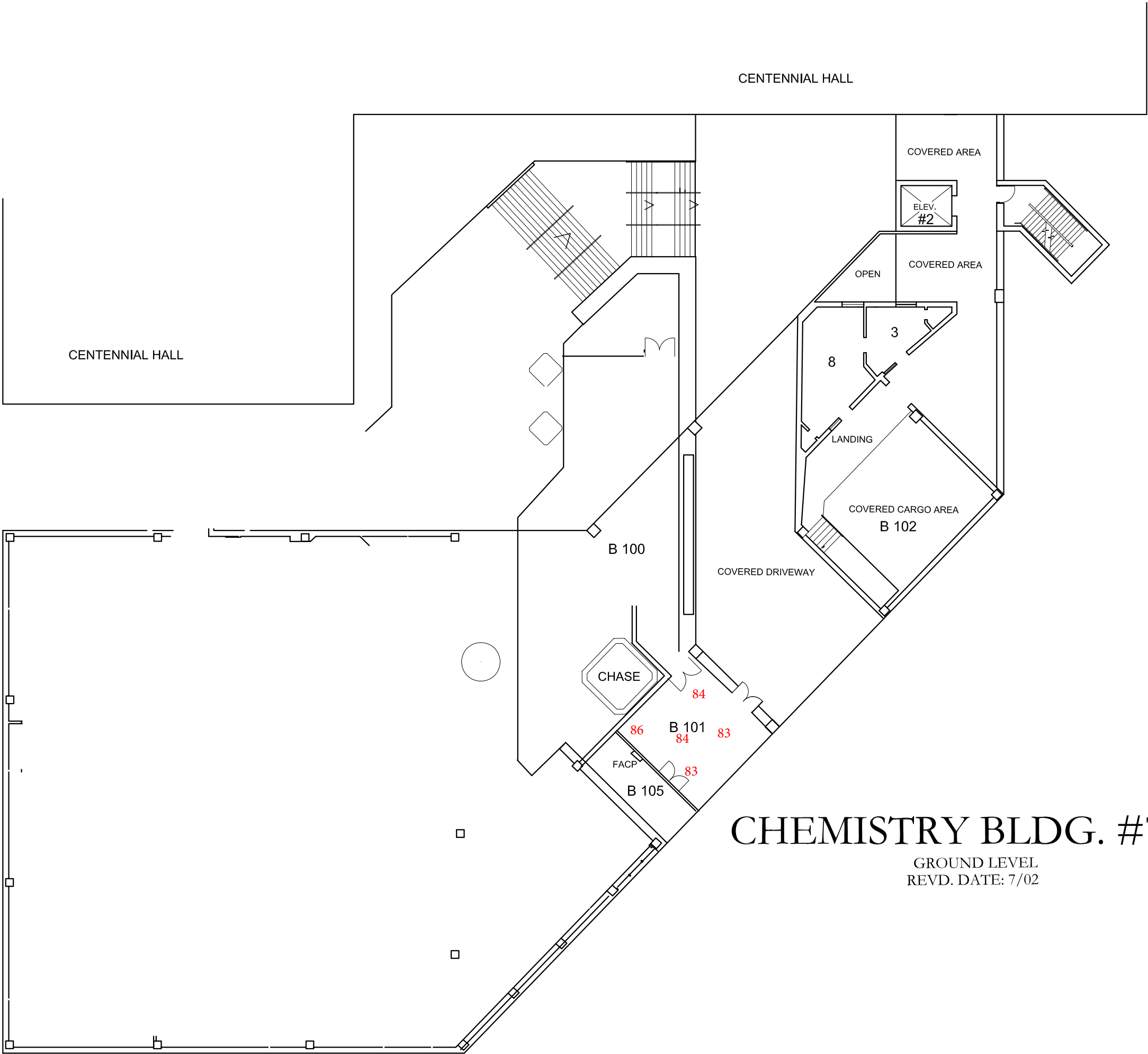
Plot Date: 8/9/2006

File name: AquaSports_1stFloor

Sheet No.:

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CHEMISTRY BLDG. #783

GROUND LEVEL
REVD. DATE: 7/02

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601 University Drive
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Phone: (512)245-3657 Fax (512)245-8839

Title: Chemistry Building - Bldg #783

Ground Level

File updated: 9/26/2006 Plot Date: 9/26/2006

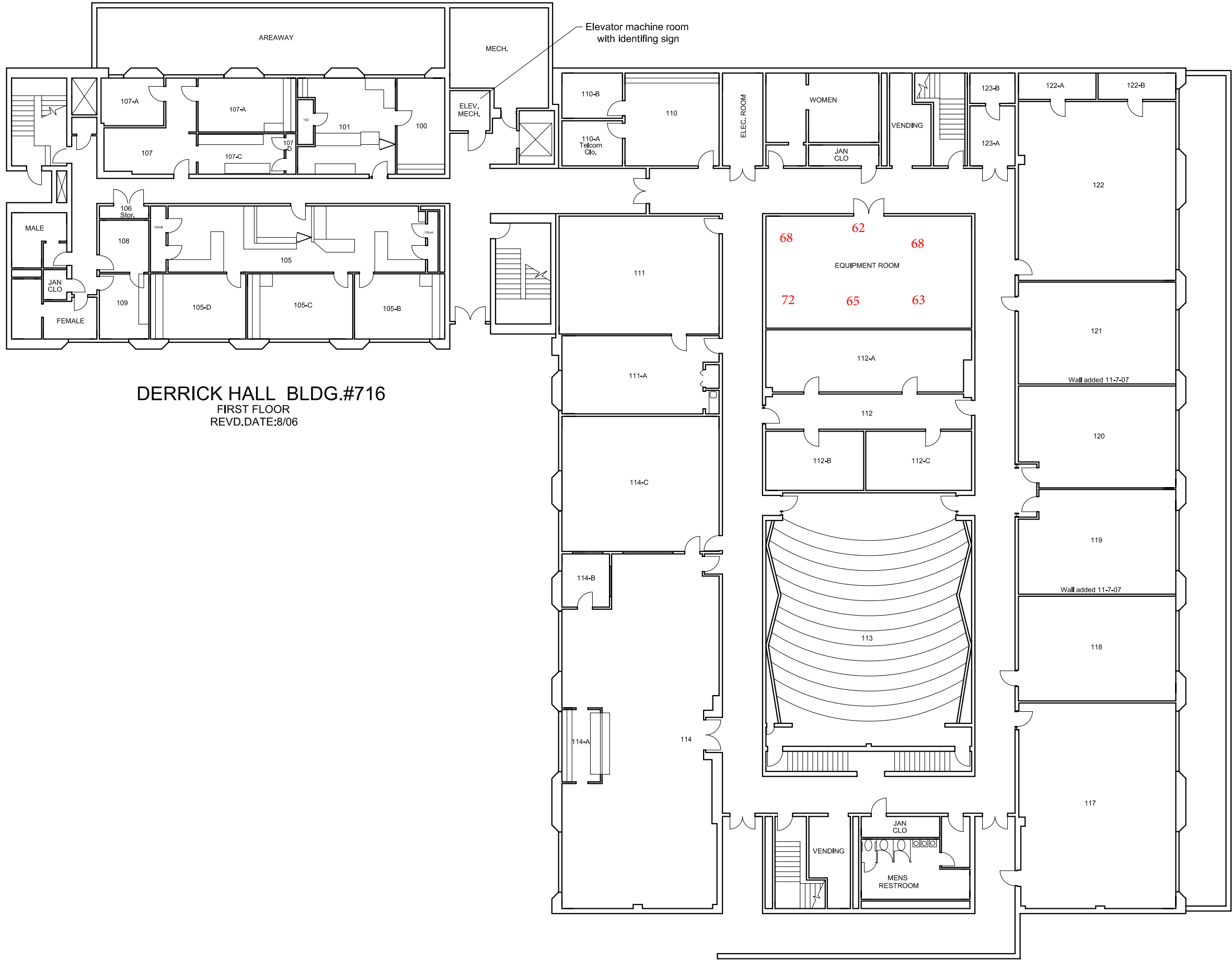
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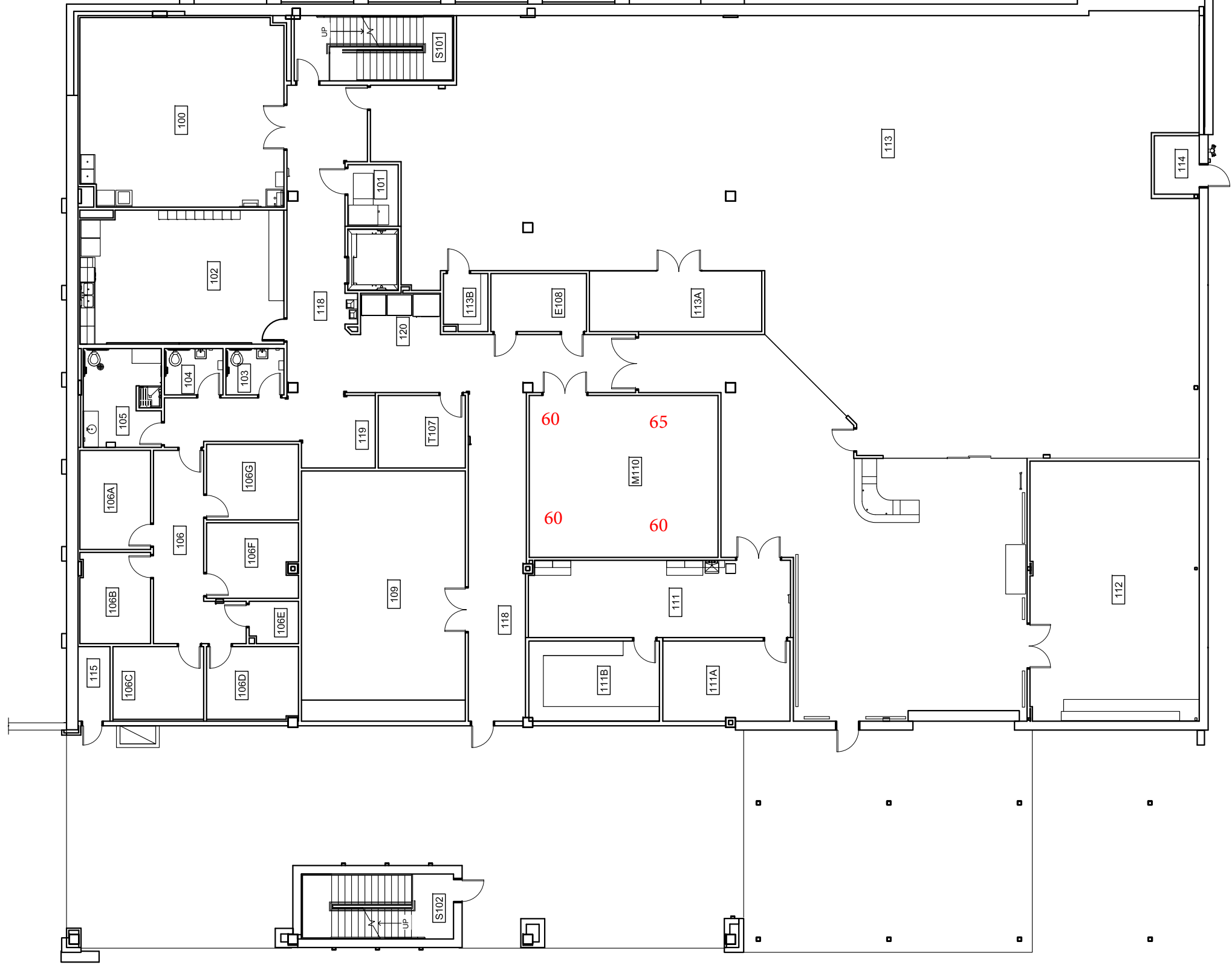
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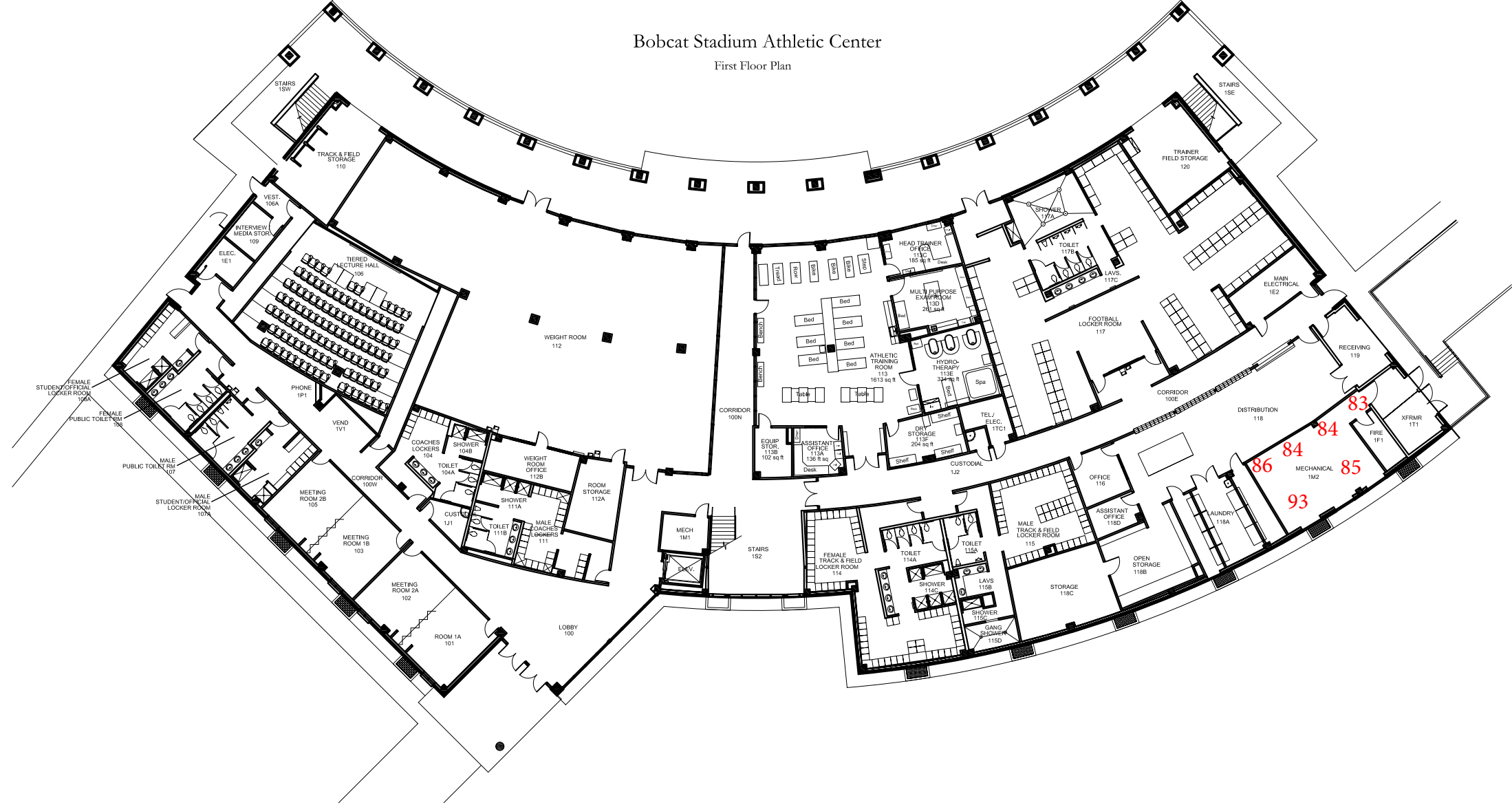
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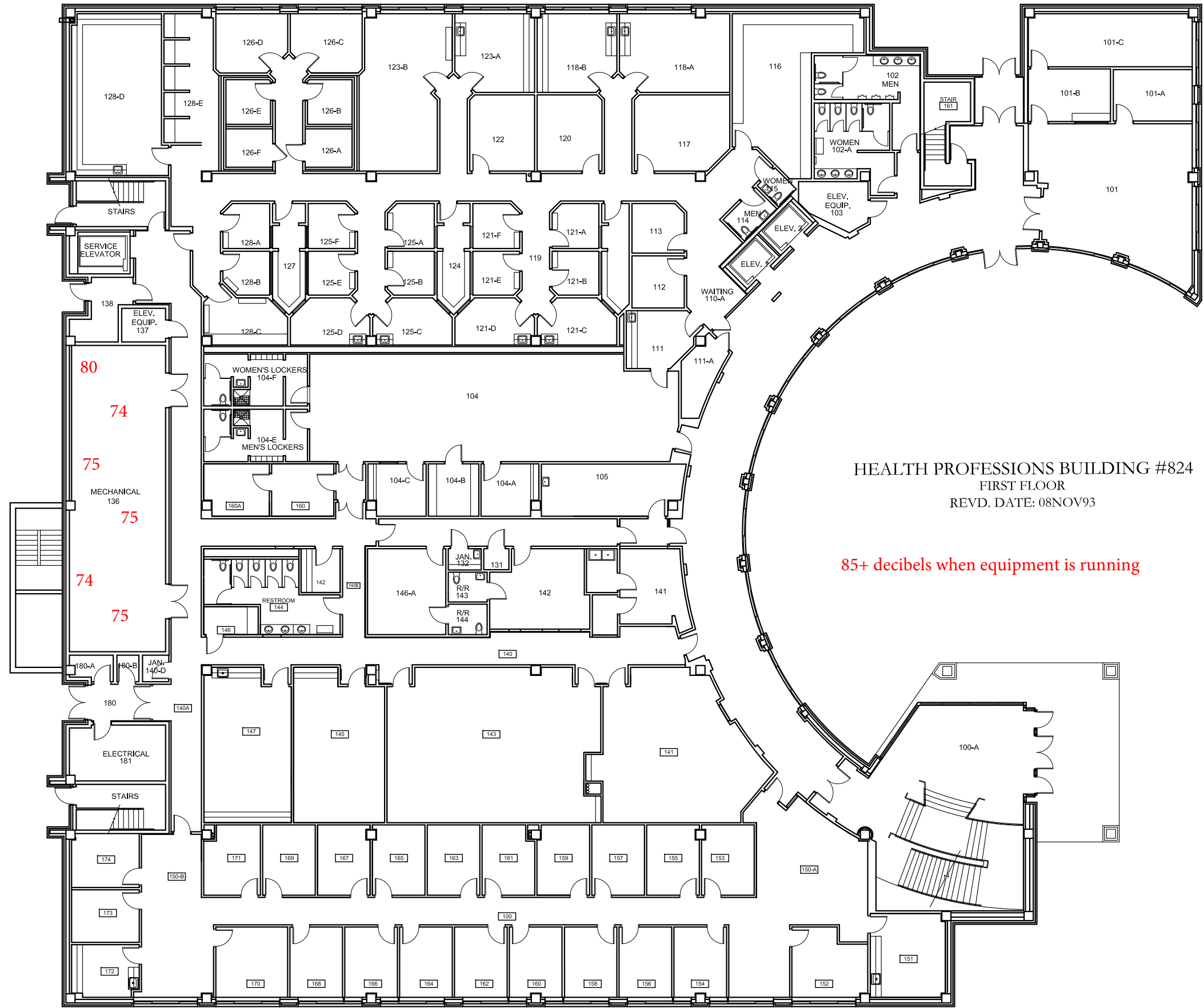


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Bobcat Stadium Athletic Center
First Floor Plan

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TEXAS
STATE

601 University Drive
San Marcos, Texas 78666-4616
Phone: (512)245-3657 Fax (512)245-8839

Title: Health Professions

1st Floor

File updated: 10/10/2011

File name: _Health_Professions_1stFloor

Bldg #824

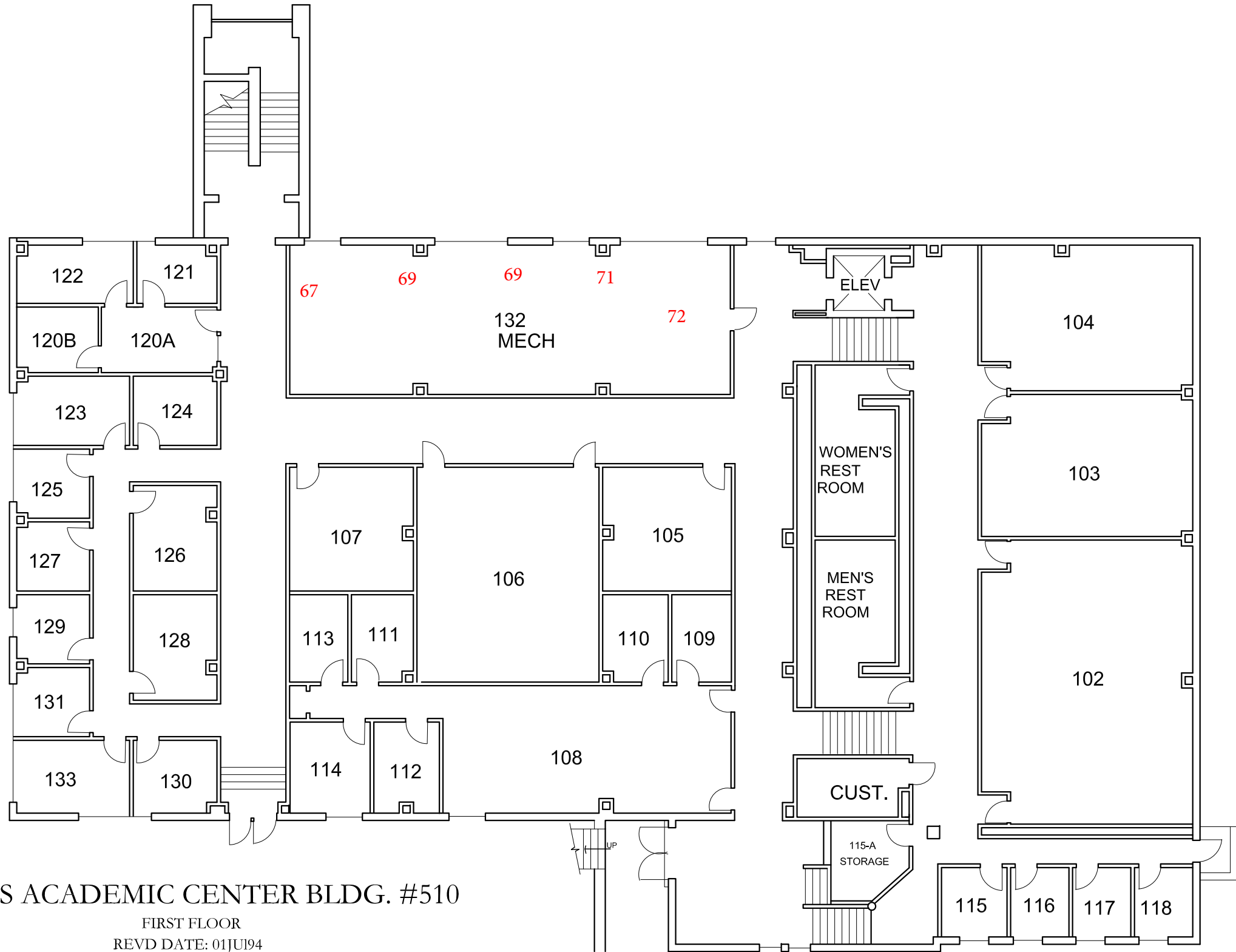
Plot Date: 3/25/2013

Sheet No.:

2 of 4

Scale: 1" = 20'

HINES ACADEMIC CENTER BLDG. #510
FIRST FLOOR
REVD DATE: 01JUI94



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601 University Drive
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Phone: (512)245-3657 Fax (512)245-8839

Title: Hines Academics Center - Bldg #510

1st Floor

File updated: 12/12/2011

Plot Date: 1/23/2012

File name: Hines_1stFloor

Sheet No.:

2 of 3

Scale: 22

HINES ACADEMIC CENTER BLDG. #510

GROUND FLOOR PLAN

DATE REV'D: 20AUG19



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Phone: (512)245-3657 Fax (512)245-8839

Title: Hines Academic Center - Bldg #510

Ground Level

File updated: 11/13/2006

Plot Date: 11/13/2006

File name: Hines_GroundFloor

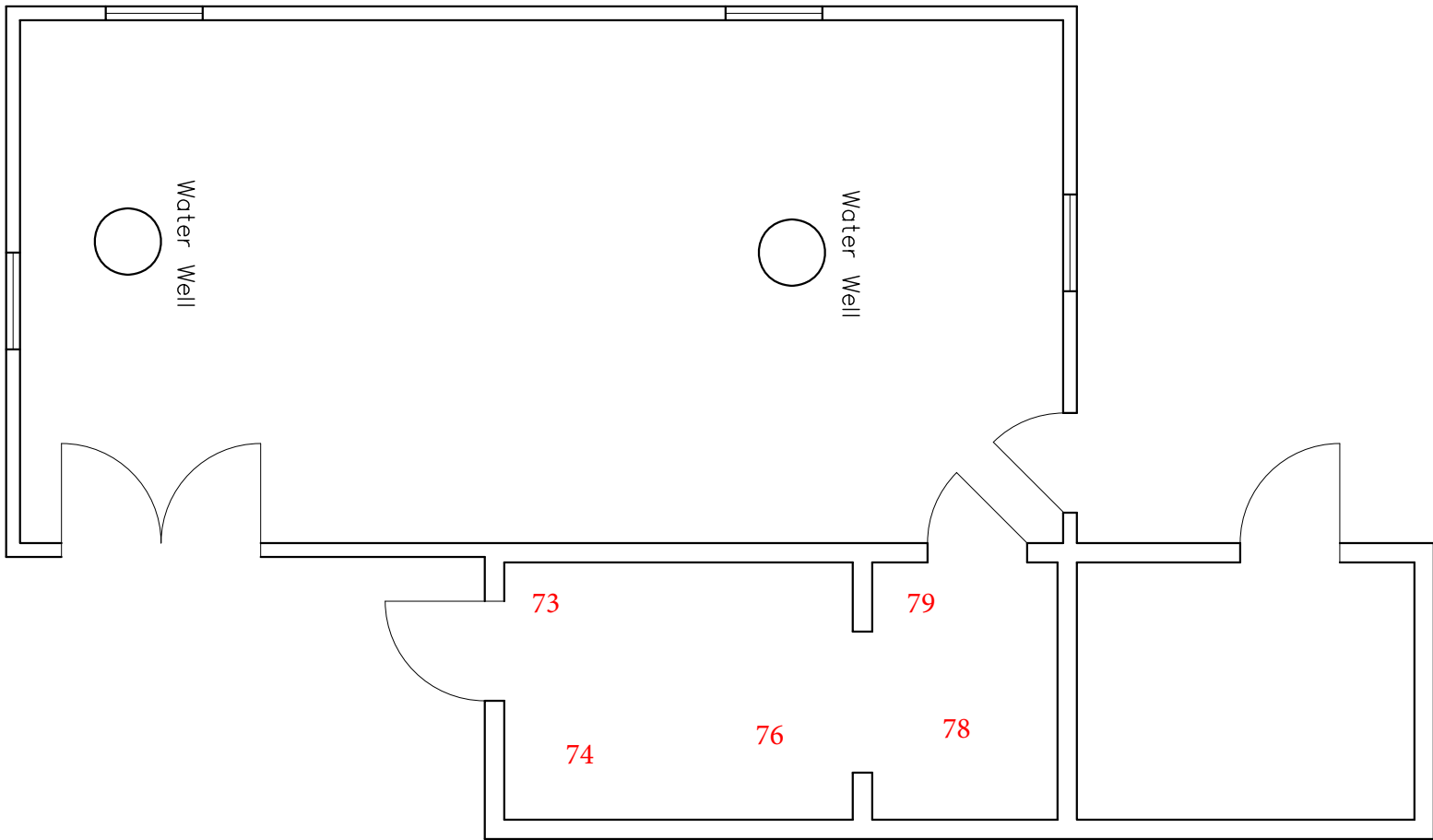
Sheet No.:

1 of 3

Scale: 3/32" = 1'-0"

Jackson Hall Water Well Building

Drawn: 6/10/05



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Phone: (512)245-3657 Fax (512)245-8839

Title: Jackson Hall Water Well Pump House

File updated: 9/26/2006 Plot Date: 11/13/2006
File name: Jackson_Hall_Well_House

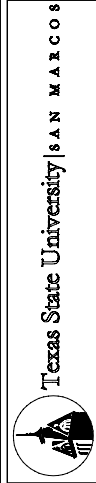
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6 of 6

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601 University Drive
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Phone: (512)245-3657 Fax (512)245-8839

Title: J.C. Kellum - Bldg #694

2nd Floor

File updated: 4/4/2007

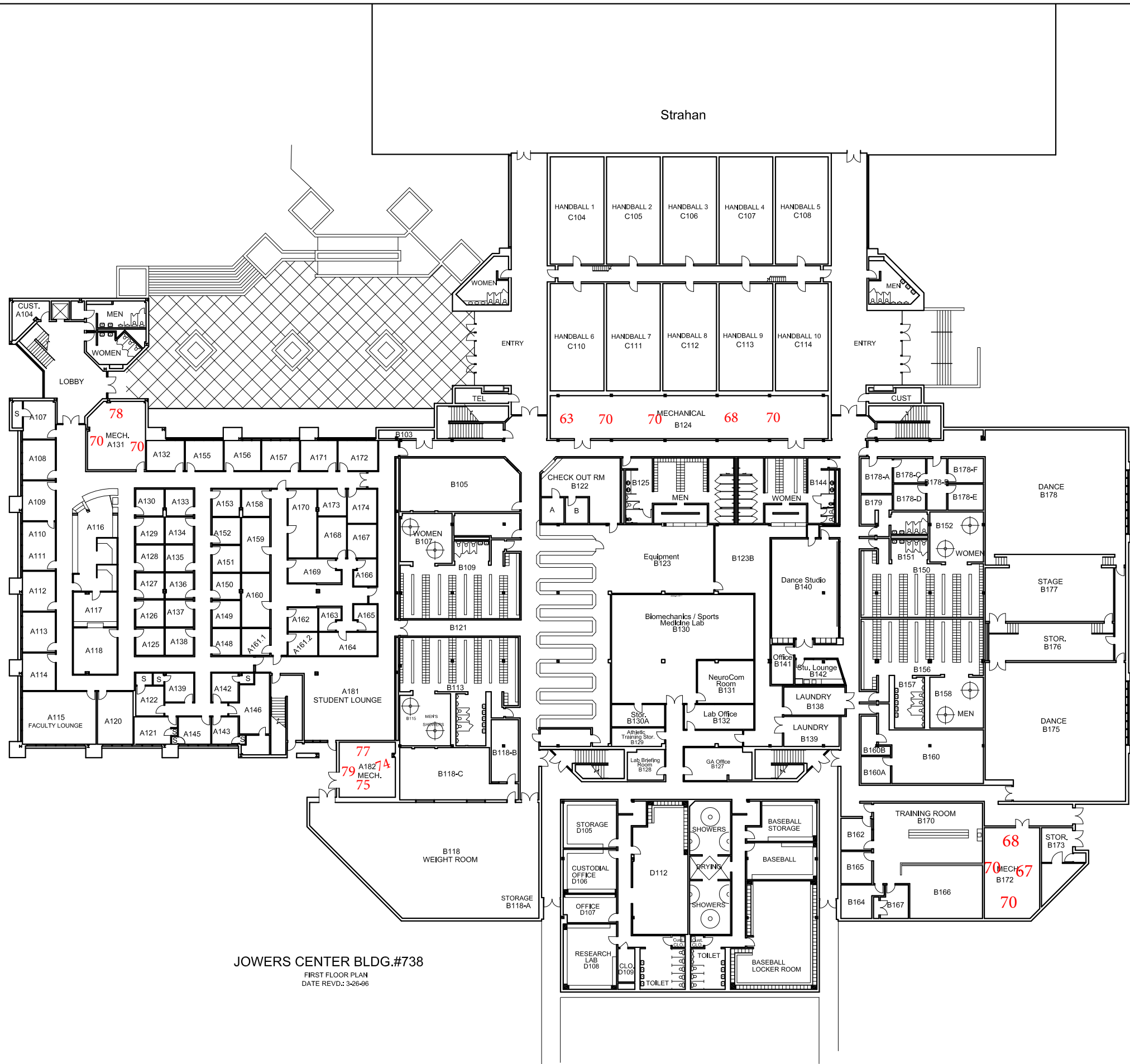
Plot Date: 4/9/2007

File name: JC_Kellum_2ndFloor

Sheet No.:

2 of 11

Scale: 1" = 20'



JOWERS CENTER BLDG.#738
FIRST FLOOR PLAN
DATE REV'D: 3-26-86

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601 University Drive
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Phone: (512)245-3657 Fax (512)245-8839

Title: Jowers Center - Bldg #738

1st Floor

File updated: 3/2/2011

Plot Date: 3/2/2011

File name: Jowers_1stFloor

Sheet No.:

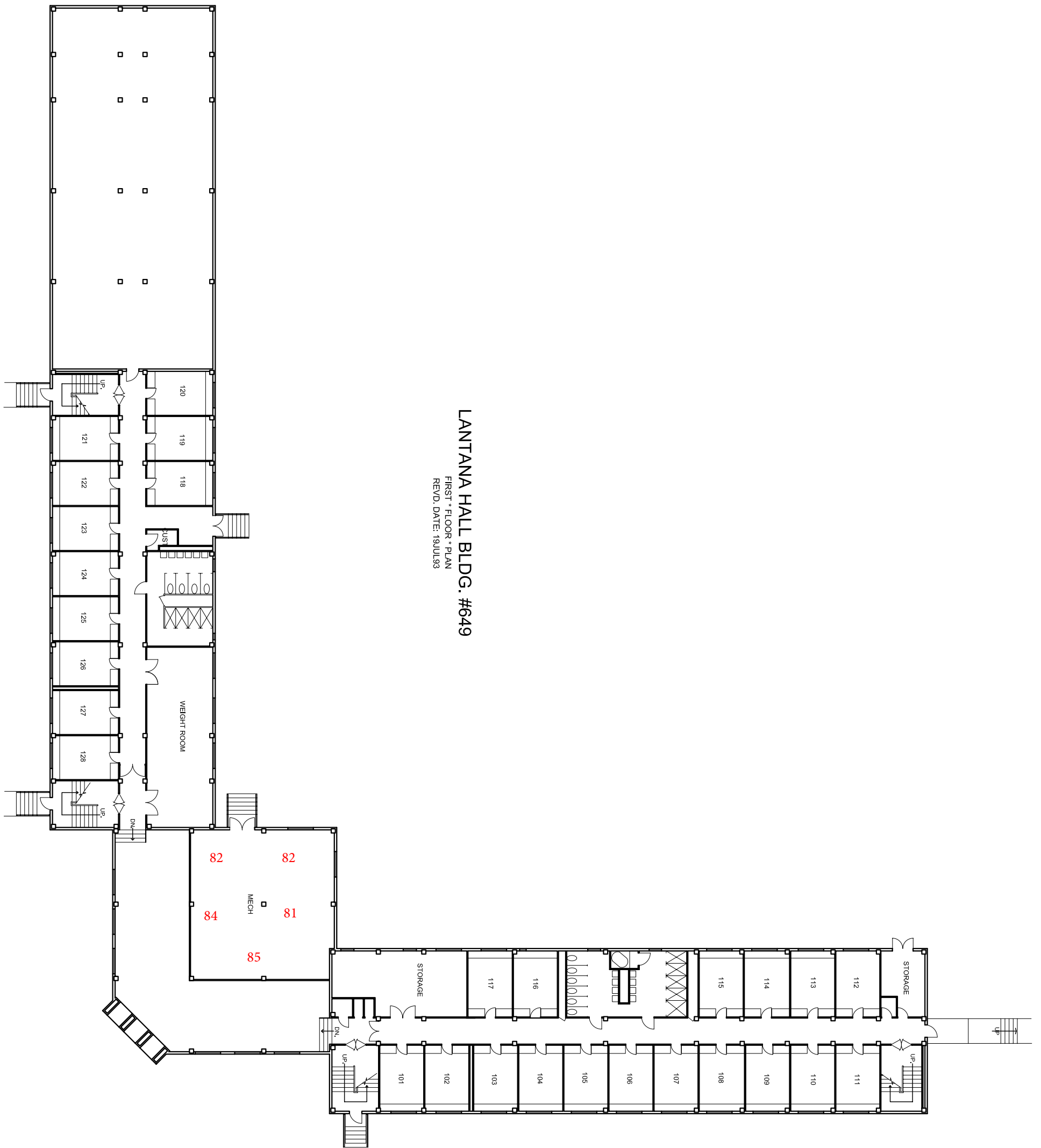
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of 2

Scale: Custom



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LANTANA HALL BLDG. #649
FIRST * FLOOR * PLAN
REV'D. DATE: 19JUL93

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Phone: (512)245-3657 Fax (512)245-8839

Title: Lantana Hall - Bldg #649

1st Floor

File updated: 9/26/2006

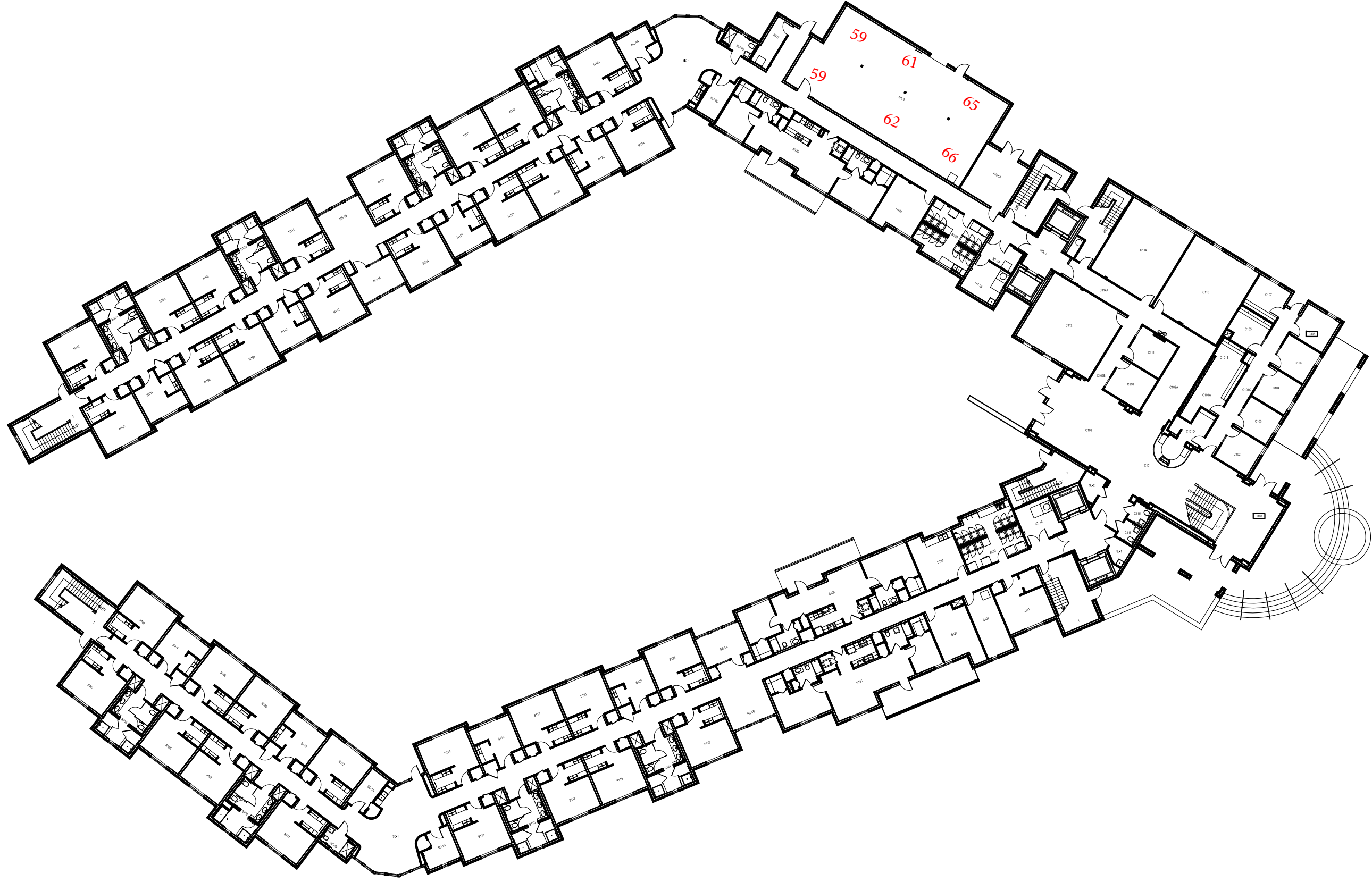
Plot Date: 12/6/2006

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Sheet No.:

1 of 4

Scale: 1" = 25'



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**TEXAS
STATE**

601 University Drive
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Phone: (512)245-3657 Fax (512)245-8839

Title: Chautauqua and Gaillardia Hall

1st Floor

File updated: 4/25/2013

Plot Date: 4/26/2013

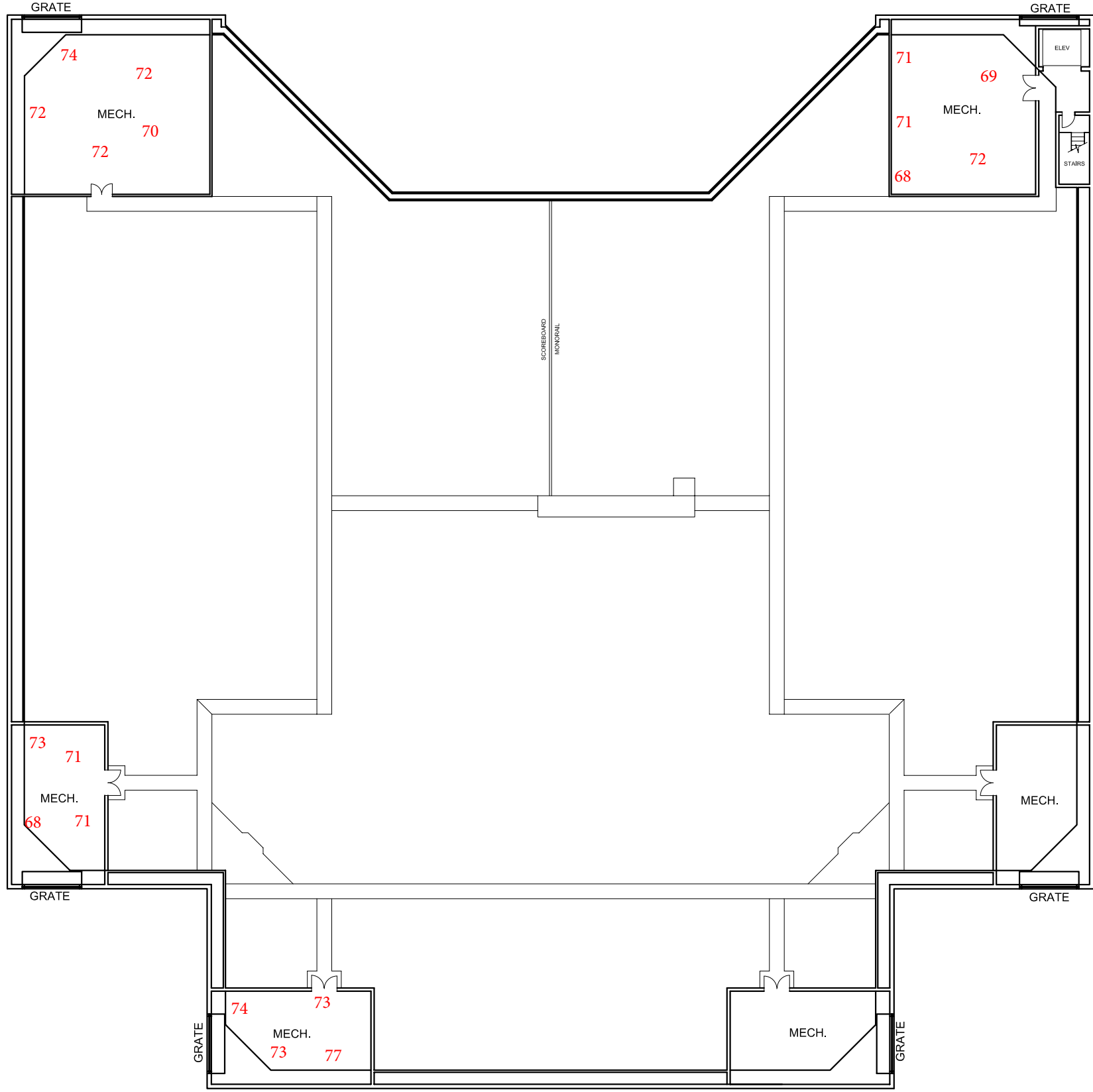
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Bldg #864

Sheet No.:

1 of 6

Scale: 1/32" = 1'-0"




STRAHAN CATWALK LEVEL BLDG #767

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Title: Strahan Coliseum - Bldg #767
Basement

File updated: 11/7/2006 Plot Date: 11/7/2006
File name: Strahan_CatWalk



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Sheet No.:

1 of 1

Scale: 1" = 30'

