



**Fort Hays State University
Beach/Schmidt Performing Arts Center
Technical Specifications**

Revised 09/30/2011

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Technical Director**

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THEATRE:

The concert hall/theatre is located in Sheridan Hall on the campus of Fort Hays State University. It has a proscenium stage with a straight apron and small orchestra lift. Seating is continental in plan with a capacity of 1,100; 600 seats on the orchestra level, and 500 in the balcony. All isles are carpeted and lit. The theatre is capable of a complete blackout excluding exit lights. The hall was opened in 1991, after a complete renovation of the building which was formerly a 2000+ seat bowl arena.

LOAD IN:

The loading area is located on the west side of Sheridan Hall (see map for approach). The loading door opens to a parking lot that may be reserved for touring companies. The lot can accommodate two over the road tractor trailers and two busses. Additional parking is available at Gross Memorial Coliseum. (See map for details). There is no elevated dock! All equipment must be ramped down to stage level. The load in is through a holding area directly up stage center that can be used for temporary storage.

DOOR DIMENSIONS:

Exterior door: 15'w X 14'h

Interior door: 12'w X 19'h

STAGE DIMENSIONS:

Proscenium opening: 46' 6" w X 23'h

Plaster Line to rear wall: 38'

Proscenium thickness: 3' 2"

PL to first open batten 4' 3"

Last batten to rear wall 4' 6"

Edge of apron to PL 5' 8"

Stage Left Wing 9'w X 36'd

Stage Right Wing 19'w X 36'd

SPECIAL NOTE:

Air ducts stage right and stage left creates an obstruction 16' high and 6' out from each wall (see photos). Similarly air ducts upstage right and left protrude 4' from the rear wall making on stage crossovers difficult when the last baton is used. The fore mentioned holding area does span the entire width of the stage and can be used for an upstage crossover in the event the last baton is in use.

STAGE SURFACE:

The stage and lift surface is 1" inch pine tongue and groove overlaid with 3/8" MDF , painted black. Lagging into the deck is allowed and the stage is not trapped. A Rosco dance floor measuring 48'w X 30'd is also available.

ORCHESTRA LIFT:

The orchestra pit is a dual plunger, hydraulic lift with 50lbs per square foot capacity. The greatest depth is 7'10" at center arching to 4'4". The width averages 37'. At the orchestra level the area measures an additional 5' in depth and is 40' wide. Access is through a handicap accessible door adjacent to the dressing rooms in the basement. There are 6 preset stops with controls located in the floor of the lift itself, and stage right. The lift may also be manually stopped at any location.

<u>STOPS</u>	<u>Travel Time (sec.)</u>		<u>From Stage Level</u>
	<u>UP</u>	<u>DOWN</u>	<u>DEPTH</u>
Stage	72	0	0
2	64	10	1' 3"
House	53	21	3' 4"
4	38	38	6' 3"
Orchestra	20	53	8' 10"
Basement	0	72	12'

CONCERT EQUIPMENT:

One 9 foot Steinway concert grand piano, 72 orchestra chairs, conductors podium and plexi glass score stand are available with the facility. Piano Tuning requests must be made 2 weeks in advance. A Helpinstill Piano Sensor is installed in our Steinway, allowing for perfect reproduction of the piano through the house sound system.

ACOUSTIC ENCLOSURE:

The "shell" consists of convex ceiling panels and 10 free standing floor towers with convex panels, all beige in color. In its largest configuration the enclosure measures 50' wide downstage, 30' wide upstage, and 33' deep. When not in use the towers must be stored in the scene shop and the ceiling panels fold vertical and fly out.

DRESSING ROOMS:

All dressing facilities are located in the basement below the stage. Each has a complete rest room facility with showers. Access to the stage from the dressing rooms is by stairwells stage right and left and an elevator stage left. Two large chorus rooms will accommodate 12 people each, 2 small dressing rooms will accommodate 2 people each. Rooms are furnished with chairs, incandescent lighting, mirrors, rolling costume racks and lockers. See attached basement floor plans. (Room 013 women's, 016 men's, 014 and 015 principal, 012 anteroom, 019 wardrobe with laundry.)

WARDROBE ROOM:

A large room with costume racks, 2 washers, 2 dryers, and sink is available for use. This room also works well as an extra dressing room. 2 irons, 2 ironing boards and 1 steamer are available. Dry cleaning is available at Top Notch Cleaners, 201 West 8th ST. 4 blocks from campus.

SOFT GOODS:

The grand drape is burgundy in color. It may travel or fly, however, it serves as the first set of legs. Traveler lines operate at stage level, stage right.

House Masking, Drops and Travelers:

(1)	Burgundy Concert Border	56' w X 14' h	100% Fullness
(1)	Burgundy Concert Curtain	56' w X 30' h	100% Fullness
(4)	Black Borders	56' w X 12' h	Sewn Flat
(4)	Pairs Black Legs	18' w X 30' h	Sewn Flat
(2)	Black Travelers	56' w X 30' h	50% Fullness
(1)	Sky Blue Cyclorama	54' w X 28' h	
(1)	Black Sharkstooth Scrim	56' w X 32' h	

All black teasers and legs may be hung on any open pipe. Black travelers may be moved if scheduling allows sufficient time. **** The two burgundy travelers **!!**CANNOT**!!** be moved for any reason.** See attached line set schedule on next page.

** Extra staffing is necessary to remove or relocate our black travelers. Extra staffing charges will be added if moving the travelers is necessary for your performance.

VIDEO/PROJECTION:

Our house projection system consists of an NEC NP4100W Projector, which is capable of wide screen projection and will accept HD video input signals (up to 720P). The projector is located in a fixed location on the orchestra level in a booth at the back of the house, known as the Projection booth.

<u>Input</u>	<u>Location:</u>
VGA	Proj. Booth, and DSR
DVI	Proj. Booth
Composite/Svideo	Proj Booth
Component	Proj Booth

CAMERA CONNECTIONS:

We have installed RG6 Coaxial cable (composite video) and communication headset lines to the lower sections of each dress circle which all terminate back in the Projection booth. This allows camera to be placed at those locations without any cable runs through the house. Please note, we do not stock any cameras in our venue.

Beach/Schmidt PAC Hang Plot

<u>Line set #</u>	<u>House Hang</u>	<u>Show Designation</u>	<u>Purchase</u>	<u>Dist. From PL</u>
1	Fire Curtain			0'
2	Main Valance		Double	1' 6"
3	Grand Drape		Double	2' 6"
4	Spare	_____	Double	3' 6"
5	Spare	_____	Double	4' 3"
6	1st. Elec.	_____	Single	6' 0"
7	Spare	_____	Double	7' 6"
8	Concert Border	_____	Double	8' 4"
9	Concert Curtain		Double	9' 2"
10	1st. Cloud		Single	10' 0"
11	1st Border	_____	Double	10' 10"
12	1st Leg	_____	Double	11' 8"
13	Spare	_____	Double	12' 6"
14	2nd Elec.	_____	Single	14' 0"
15	2nd Border	_____	Double	15' 6"
16	2nd Leg	_____	Double	16' 4"
17	Movie Screen	_____	Double	17' 2"
18	2nd Cloud		Single	10' 0"
19	Midstage Traveler	_____	Double	18' 10"
20	3rd Border	_____	Double	19' 8"
21	3rd Leg	_____	Double	20' 6 "
22	3rd Electric	_____	Single	22' 0"
23	Spare	_____	Double	23' 6"
24	Spare	_____	Double	24' 4"
25	4th Border	_____	Double	25' 2"
26	3rd Cloud		Single	26' 0"
27	4th Leg	_____	Double	26' 10"
28	Spare	_____	Double	27' 8"
29	Spare	_____	Double	28' 6"
30	4th Electric	_____	Single	30' 0"
31	Spare	_____	Double	31' 6"
32	Spare	_____	Double	32' 4"
33	Black Scrim	_____	Double	33' 2"
34	Cyclorama	_____	Double	34' 0"
35	Upstage Traveler	_____	Double	34' 10"

All line sets Indicated in RED are not moveable. The fly system is a manual, double purchase, under hung counter weight system. The House fly space is 70' and the arbor capacity is 2000lbs. **Please note that there is NO grid!** The first, second and third orchestra clouds, as well as the fixed electrics are single purchase arbors. The out trim of these line sets is 35'. Please feel free to fill in show designations and return a copy for a pre hang. The working trim is 5' and all batons are 56' long.

LIGHTING SYSTEM:

Control:

ETC Element 60/500 Lighting Console
Gray Ultimate Converter DMX ->AMX

Dimming

240 Strand CD80 Dimmers (non dim packs available)
(1) Portable 12 Channel ETC Sensor Rack (with 50' #2AWG 3 Phase Feeder Cable)

House Positions/Circuits

<u>Position</u>	<u># of circuits</u>	<u># designation</u>	<u>Distance from Prosc.</u>
FOH 2	28	1-28	50'
FOH 1	28	29-56	30'
SL Box	8	57-71 odd	30'
SR Box	8	58-72 even	30'
1st Elec.	34	73-106	6'0"
2nd Elec.	24	107-130	14'0"
3rd Elec	24	131-154	22'0"
4th Elec	50	155-204	30'0"
SR Pockets (3)	12	206-228 even	
SL Pockets (3)	12	205-227 odd	
US Pockets (3)	12	229-240	

House Instrument Inventory:

<u>Amount</u>	<u>Size</u>	<u>Brand</u>	<u>Watts</u>
20	10X23 (On FOH 2 rail)	Strand	1K
6	8X13 (On FOH 2 rail)	Strand	1K
14	19 deg.	ETC	750
25	26 deg.	ETC	575
20	36 deg.	ETC	575
16	50 deg. (barrels only)	ETC	575
38	Source 4 Par w/ Lens Kits	ETC	575
14	Par 64	Altman	1K
20	6" Fresnel	Strand	750
18	8" Fresnel	Strand / EC	1K
8	Iris 4 Cys	Strand	1K
19	8' 3 Circuit R40 Strip Lights	Altman	120
2	Super Star 1.2 Follow Spotlights	Lycian	1.2K
4	Color Spot 250at	Robe	250
4	D-Fi Plus Wireless DMX Transmitters/receivers	Chauvet	N/A

POWER TIE IN:

(1) 400amp 3 phase located DSR
(2) 200amp 3 phase located outside loading dock door

HOUSE LIGHTING:

House lights have a separate, automated control system with stations located DSR and in both booths

One rolling A- Frame ladder and Genie AWP-30 (30 Foot) Personnel Lift is available for focus.

HOUSE SOUND SYSTEM:

The house sound system consists of a Yamaha DM 1000 digital mixing console with an EAW KF730 Line array center cluster and 2 KF695z fill speakers processed through a MX8750 EAW loudspeaker management processor. All speakers are powered by QSC PLX amplifiers. The house speaker system may be accessed via an XLR patch panel located at the house mix position. Dressing room and back stage monitors are available as well as under balcony fill speakers and a hearing assist system.

Additional Equipment includes:

Additional Consoles:

- 1 Yamaha 24 channel mixer
- 1 Mackie 1402 12 channel mixer

Speakers:

- 6 Mackie SRM450 Powered 2-way speakers
- 2 Mackie SA1232 Powered 3-way speakers
- 2 Mackie 1501 Powered 15" Subwoofers
- 2 QSC HPR153i Powered 3-way speakers**
- 4 QSC HPR122i Powered 2 Way speakers**
- 2 QSC HPR181i Powered 18" Subwoofers

Snakes:

- 1 150' 32X8 channel snake
- 1 100' 22X6 channel snake
- 1 100' 16X4 channel snake
- 1 100' 8X4 channel snake
- 1 28 channel split snake

Playback:

- 2 CD players (Tascam)
- 1 Marantz PMD-510 cassette deck
- 1 Macbook Pro with Qlab

Recording

- 1 Marantz CDR-510 CD Recorder
- 1 Sony DTC-A7 DAT Recorder
- 1 Dell/M-Audio/Sony 2 channel recording system in 3rd floor booth

Microphones:

- 1 AKG 426b stereo recording mic
- 6 Shure SM58
- 8 Shure SM57
- 2 Shure SM91
- 2 Shure SM81
- 3 Shure Beta 98
- 1 Shure Beta 52
- 3 Sennheiser 421
- 2 Avolex large diaphragm condensers
- 6 Crown PCC
- 4 Sennheiser Evolution G3 865 Handheld Wireless
- 1 Sennheiser SK300 G2 Bodypack and Sennheiser ME2 Lapel
- 1 Sennheiser SK300 G3 Bodypack and Countryman IsoMax Lapel

Communications:

Telex 2 Channel Intercom System with 8 belt packs and stations throughout the theatre.
(6) Kenwood 2-Way Radios with ear pieces and headsets for wireless communication.

** Available with advance request only

**POLICIES FOR THE USE OF
BEACH/SCHMIDT
PERFORMING ARTS CENTER
AT FORT HAYS STATE UNIVERSITY**

Located in Sheridan Hall, the Beach / Schmidt Performing Arts Center was renovated in 1987 and transformed from a convention and basketball arena to a beautiful 1,100 seat concert and special event facility. As the premier site in Western Kansas for performing arts events, miscellaneous meetings and numerous special events, guests can enjoy the ENCORE Performing Arts Series, Music Department concerts and recitals, and many other types of events. The facility is available for use and rental to campus and community organizations.

RESERVATIONS

Reservations for use of the Beach/Schmidt Performing Arts Center (B/S) are made through the Director of the Memorial Union. For reservations and rental information, call (785) 628-5307.

Reservation priority is given to the University Encore Series. These events are typically booked for the next academic year by late March. Priority is next given to Fort Hays State University Music Department events, followed by other FHSU departments or entities. Other events are scheduled on a first come/first served basis, as space is available.

Any events booked prior to the confirmation of Encore Series dates each year are considered tentative until the Encore Series events are confirmed. Exceptions to this policy must be approved by the Director of the Memorial Union, and the Director of the Encore Series. A reservation confirmation will be sent to each contact person making a reservation request. Every effort will be made to honor each reservation request. However, the Director of the Memorial Union has the right to change or cancel a confirmed reservation if it would serve the best interests of the University.

Individuals must complete a reservation work sheet that indicates in detail staging needs, technical needs, dressing rooms needs, time frames, and other contract rider information at least two weeks prior to the day of use.

REHEARSALS

Rehearsals may be scheduled in B/S only when it is prior to a performance in the same venue. Beach/Schmidt may not be reserved for repetitive or regularly scheduled rehearsals. Exceptions may be made when appropriate rationale is provided and the space is not otherwise reserved.

ACCESSIBILITY

An accessible seating location for patrons in wheelchairs is located on the main level and is entered from a hallway entrance. Please ask an usher for assistance to this seating area.

ATTENDANCE GUIDELINES

The seating capacity of the main level is 600, and the upper level seating capacity is 500. It is suggested that other venues be considered if anticipated attendance at an event is less than 200 persons.

DAMAGES

Groups utilizing the facility and its equipment shall be responsible for damages due to vandalism, loss, or misuse.

DECORATIONS / FASTENING DEVICES

No material shall be attached to the walls, curtains, seats, doors, or other surfaces of the Performing Arts Center without the approval of the B/S technical director. Likewise, nails, screws, and other fastening devices shall not be permitted to be anchored into the stage floor or walls without prior approval of the B/S technical director.

EMERGENCY

In case of emergency, please exit the building, following the lighted exit signs located throughout the center. In the event of a fire or similar emergency, please remain calm, listen to instructions if given, and walk to the nearest exit. In the event of a Tornado Warning or other natural disaster, patrons will be instructed to seek shelter in the designated safety areas determined by campus safety officials. These safety areas are located in the lower levels of the venue, the ushers and show staff are required to help assist patrons to those locations quickly and safely.

FEES

There is no rental fee for use of Beach/Schmidt Performing Arts Center for University departments and student organizations, unless additional labor is required beyond the technical director and two student assistants. Labor costs for additional labor is \$20 per person per hour and applies to all groups.

For Rate Schedule, please see appendix.

FRONTING

University student organizations, individuals, or departments may not serve as “fronts” for off-campus groups in order to gain free use of Beach/Schmidt for the off-campus user. Events reserved by FHSU student organizations, individuals, or departments must fall under the following guidelines:

- The event must be conceptualized, planned, and managed by the University student organization or department and must be an organization or department initiative.
- A majority (over 50%) of those attending the event scheduled by University student organizations or departments must be FHSU students, faculty, or staff.
- Any costs associated with the event must be paid by the student organization and/or university department.

The Director of the Memorial Union will make the determination as to on-campus vs. off-campus sponsorship.

TECHNICAL SUPPORT

Technical staffing is limited to a technical director and two student assistants. Persons using the facility are to provide their own staffing for load-in, load-out, and stage changes during the performances. If additional staffing is needed and available for technical support, a charge of \$20 per hour per staff member will be assessed and added to rental fees (if any).

Technical support consists of setting of the stage prior to a performance or use; setting up sound, lighting, or video equipment; running sound, lighting, and video equipment during a performance; operating the stage curtains and orchestra lift; and audio recording of performances, if requested.

For major events, the technical director provides on-site supervision of road crews and student stage crews, and directs technical elements for events including but not limited to staging, lighting, sound and labor.

Audio recording of performances is available, and arrangements for recording should be made in advance and noted on the B/S work sheet.

FOOD AND DRINK

All food and drinks are strictly prohibited in all seating areas of the Beach/Schmidt Performing Arts Center. Food and drinks are permitted in the Dreiling Lobby, dressing rooms, and stage area when served as part of a performance or reception.

FIREARMS AND PYROTECHNICS

The use of firearms is prohibited on the campus of Fort Hays State University. Stage “firearms” will be allowed on stage if they are absolutely pertinent to the performance. ALL stage firearms must be cleared in advance with the Technical Director or other campus authorities before their use is permitted. Pyrotechnics must be approved in advance by the B/S technical director, and the client must have all permits and certifications for the use of said items.

The use of fog or haze is allowed. However, excessive amounts may trigger fire alarms outside the Performing Arts Center. Please notify the technical director at least two weeks in advance if the show uses fog or haze so alarm system modifications can be scheduled.

LATE SEATING

To respect the comfort and listening pleasure of the audience, ushers should ask late arriving patrons to wait quietly until an appropriate pause in the program. At that time patrons will be seated by an usher. Seating pauses are determined by the conductor and/or musicians. If patrons need to leave early, they should leave at appropriate breaks in the program to minimize disruptions.

SMOKING

No smoking or use of tobacco products shall be permitted in any Fort Hays State University building and will only be allowed on stage if it is pertinent to the performance.

USE OF BEACH/SCHMIDT EQUIPMENT

For safety reasons, no one is authorized to use any equipment such as curtains, lights, sound equipment, orchestra lift, etc. without prior permission and supervision by the technical director and/or his/her staff.

No equipment may be borrowed or loaned from Beach/Schmidt without the prior approval of the Beach/Schmidt Technical Director. All equipment borrowed or loaned must be recorded on an equipment loan form, indicating items borrowed, location of use, planned return date and contact information.

Personal use of Beach/Schmidt equipment owned by Fort Hays State University is prohibited.

USHERS

Ushers are required for each performance and are to be provided by the organization or department using the space. At least one usher is required at each of the entrances that are opened, with a minimum of two ushers for the lower level and two ushers for the upper level. Ushers are to take tickets, pass out programs, respond to emergencies, provide assistance, and ensure that no food or drink is brought into the seating areas. An usher guideline will be provided upon request.

TICKET OFFICE

A ticket office for B/S is located in Dreiling Lobby. Groups wishing to use the ticket office must provide their own personnel for staffing. FHSU is not responsible for any tickets or money missing from the ticket office when in use by groups.

BEACH/SCHMIDT PERFORMING ARTS CENTER

RATE SCHEDULE

Effective January, 2008

Daily Base Charge

Category #1

FHSU Events

Examples: Encore & UAB events,
Music Department concerts,
Departmental functions, etc.

No Charge

Category #2

Campus Guests (Non-Profit Organizations when no admission is charged)

Examples: State & national
educational meetings, civic
organizations, church groups, etc.

\$400 up to 5 hours
\$600 up to 10 hours

Category #3

Campus Guests (Non-Profit Organizations when admission is charged)

\$500 up to 5 hours
\$700 up to 10 hours

Category #4

Commercial and For-Profit Organizations

Examples: business, industry, promotion
sales meetings, etc.

\$600 up to 5 hours
\$800 up to 10 hours

Evening and weekend custodial fee (guests):

When only main floor seating is used:

\$30 per rental hour*

When both main floor and balcony seating is used:

\$40 per rental hour*

*Based on actual length of event or performance

Rehearsal Fees

Categories #2 and #3

\$50 per hour

Technical Staff Fees

For technical staff needs beyond one
technical director and 2 student assistants:

\$20 per hour per staff

Equipment

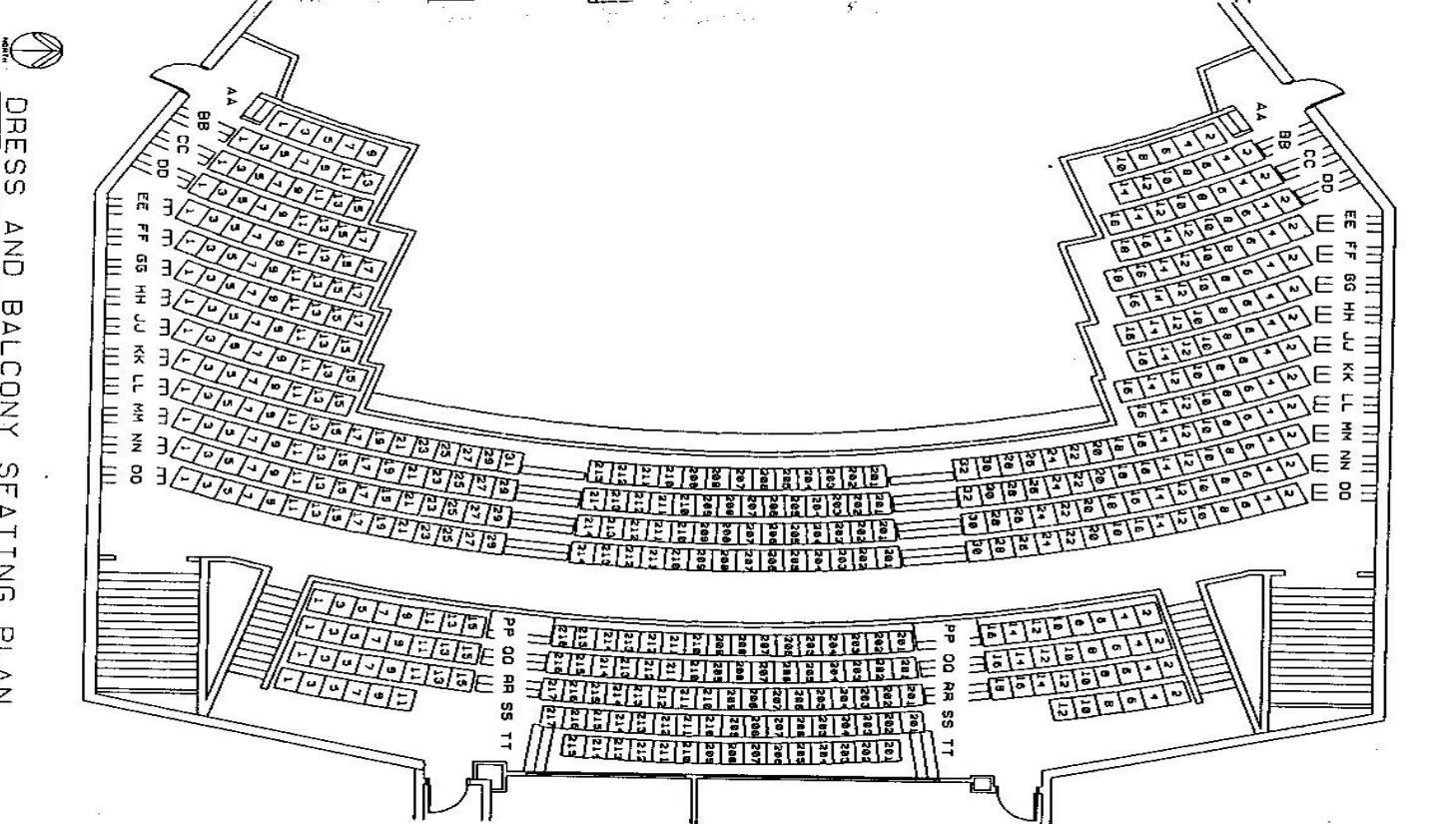
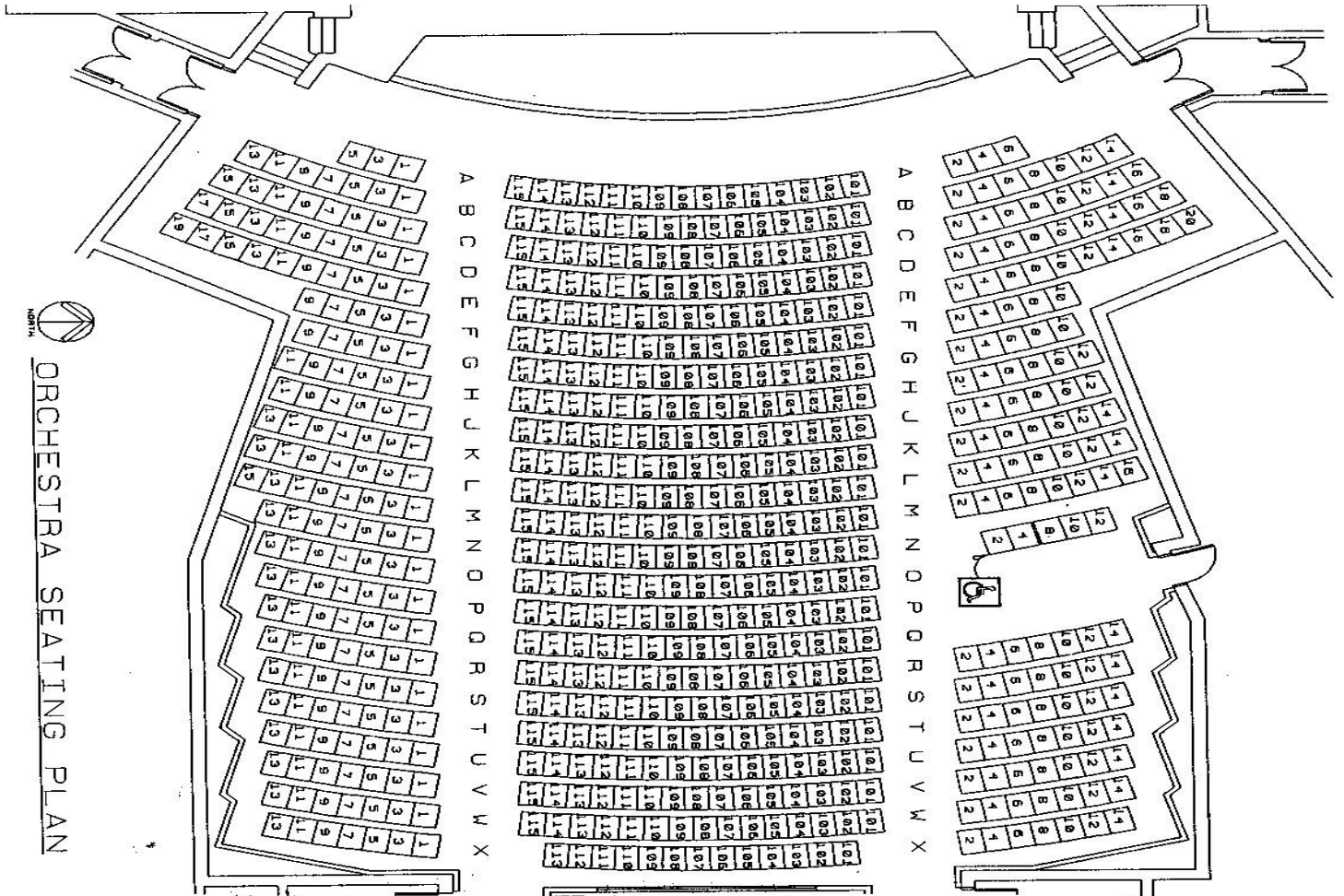
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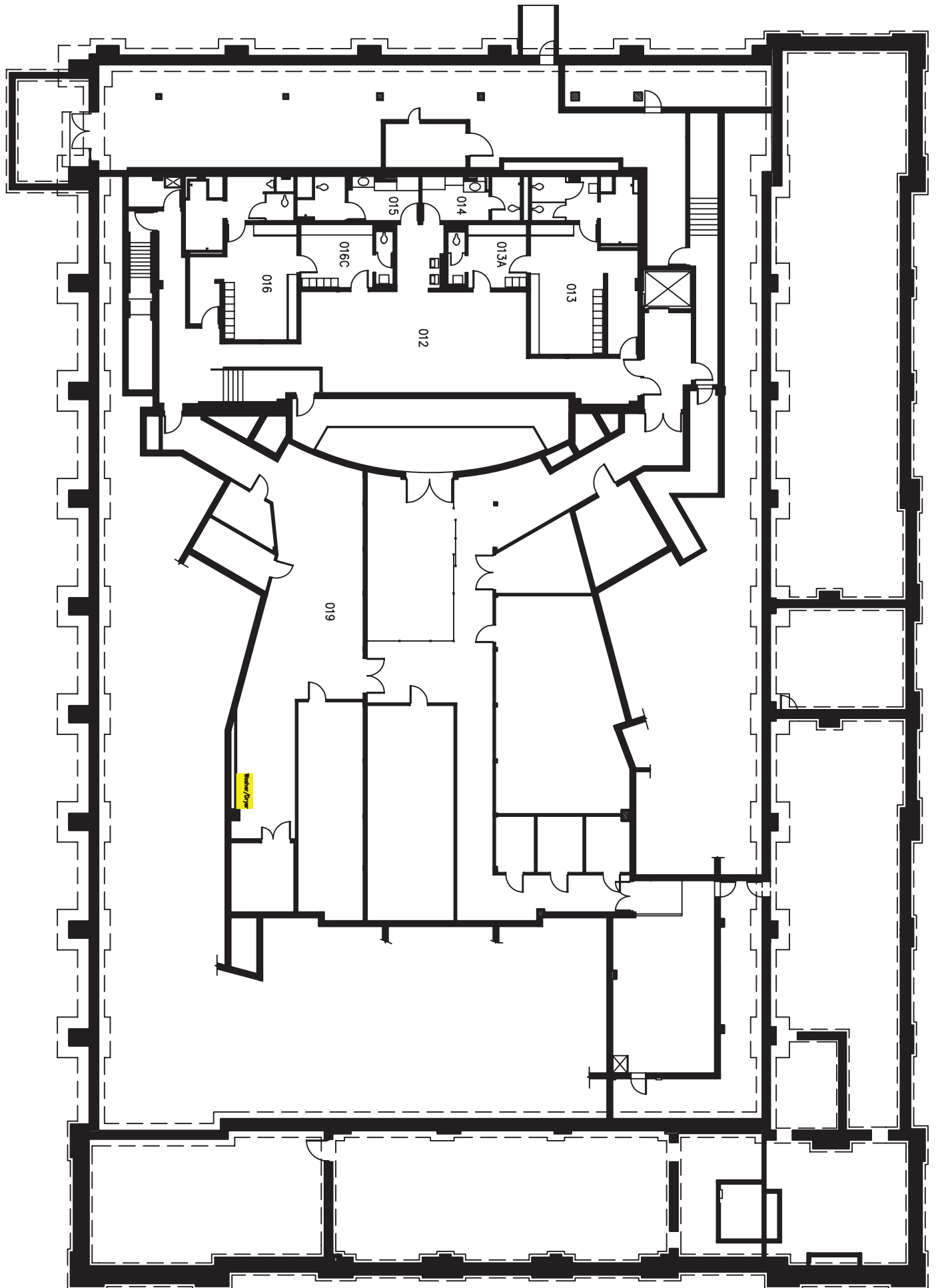
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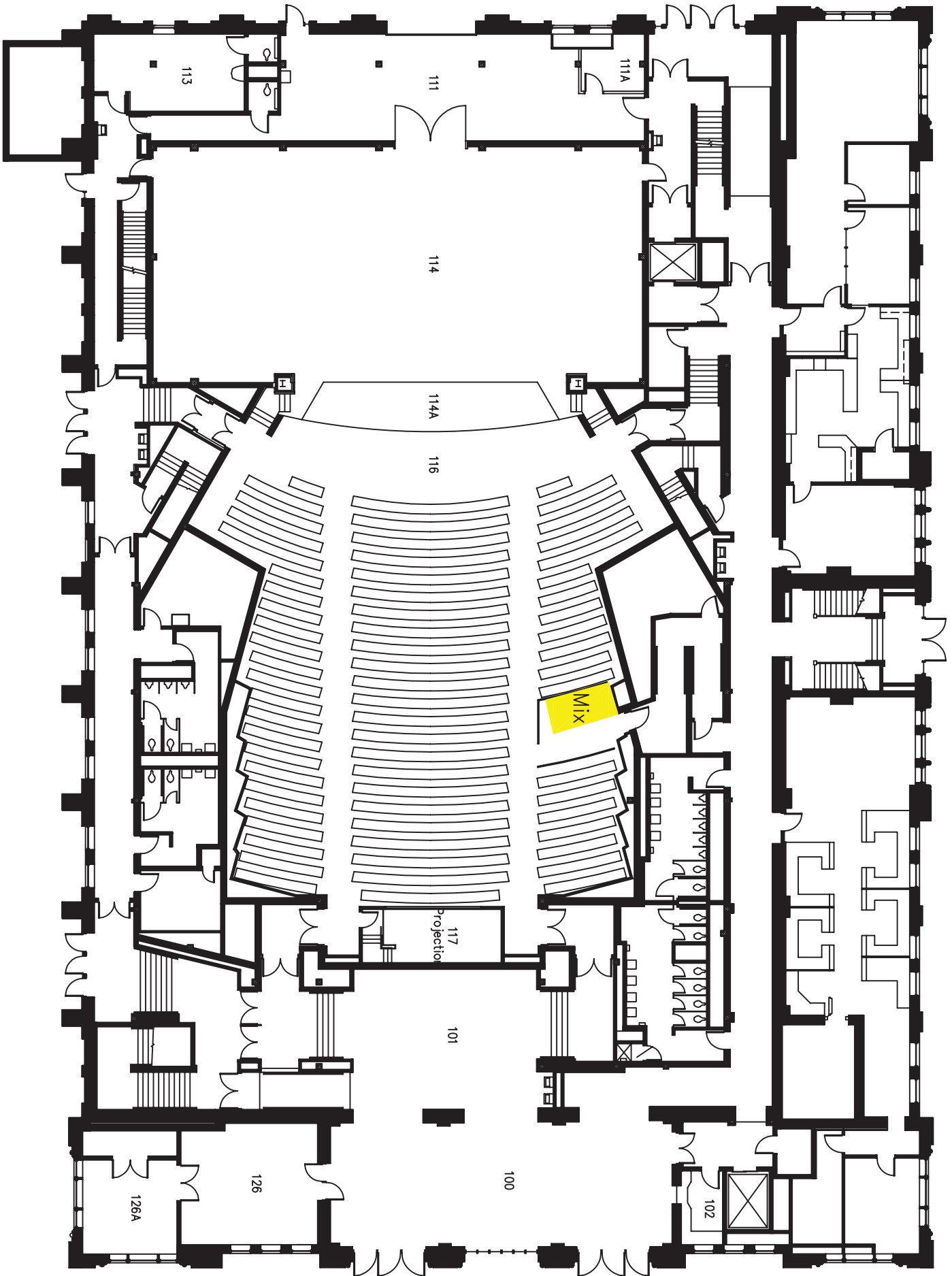
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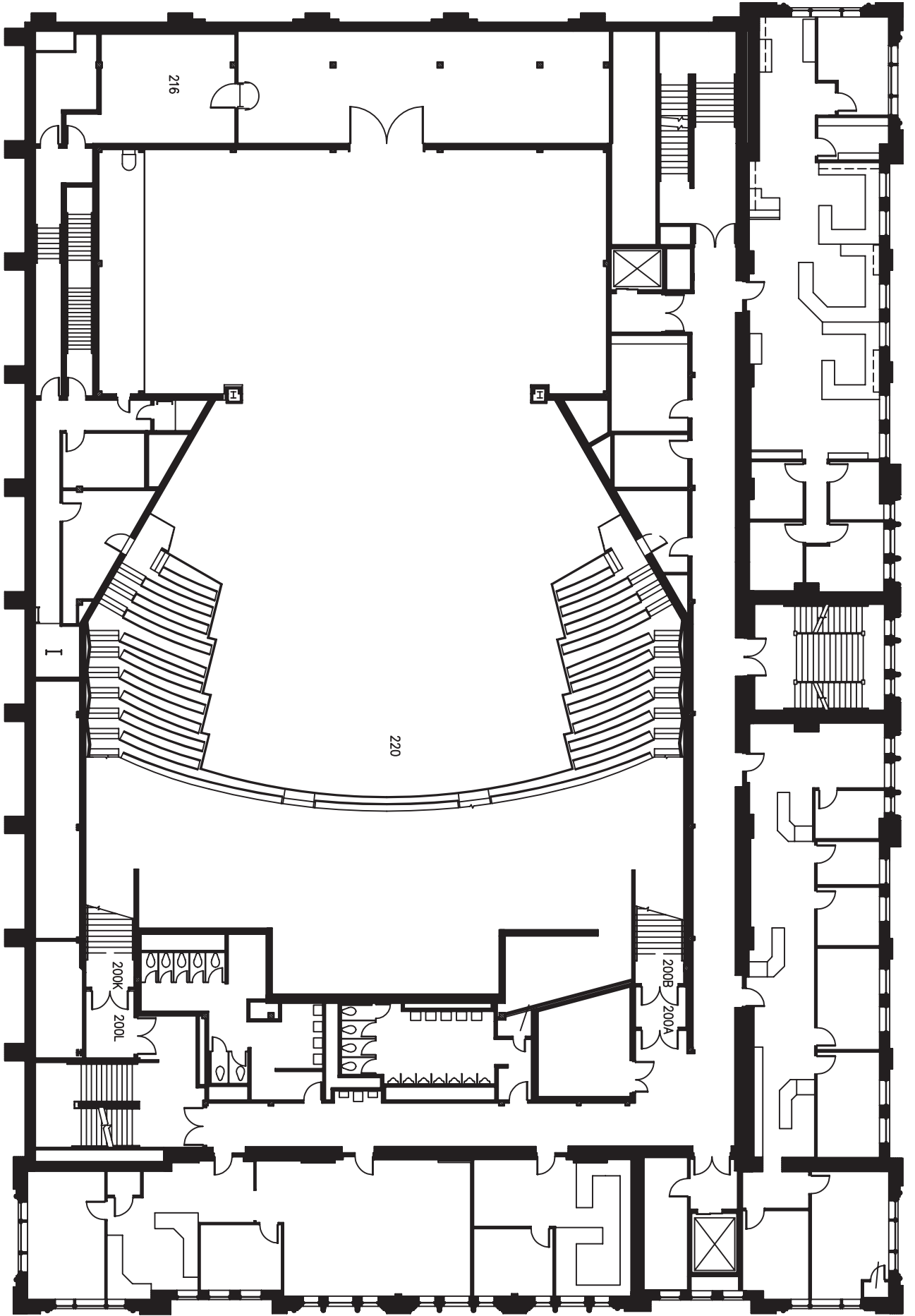
Seating Plan

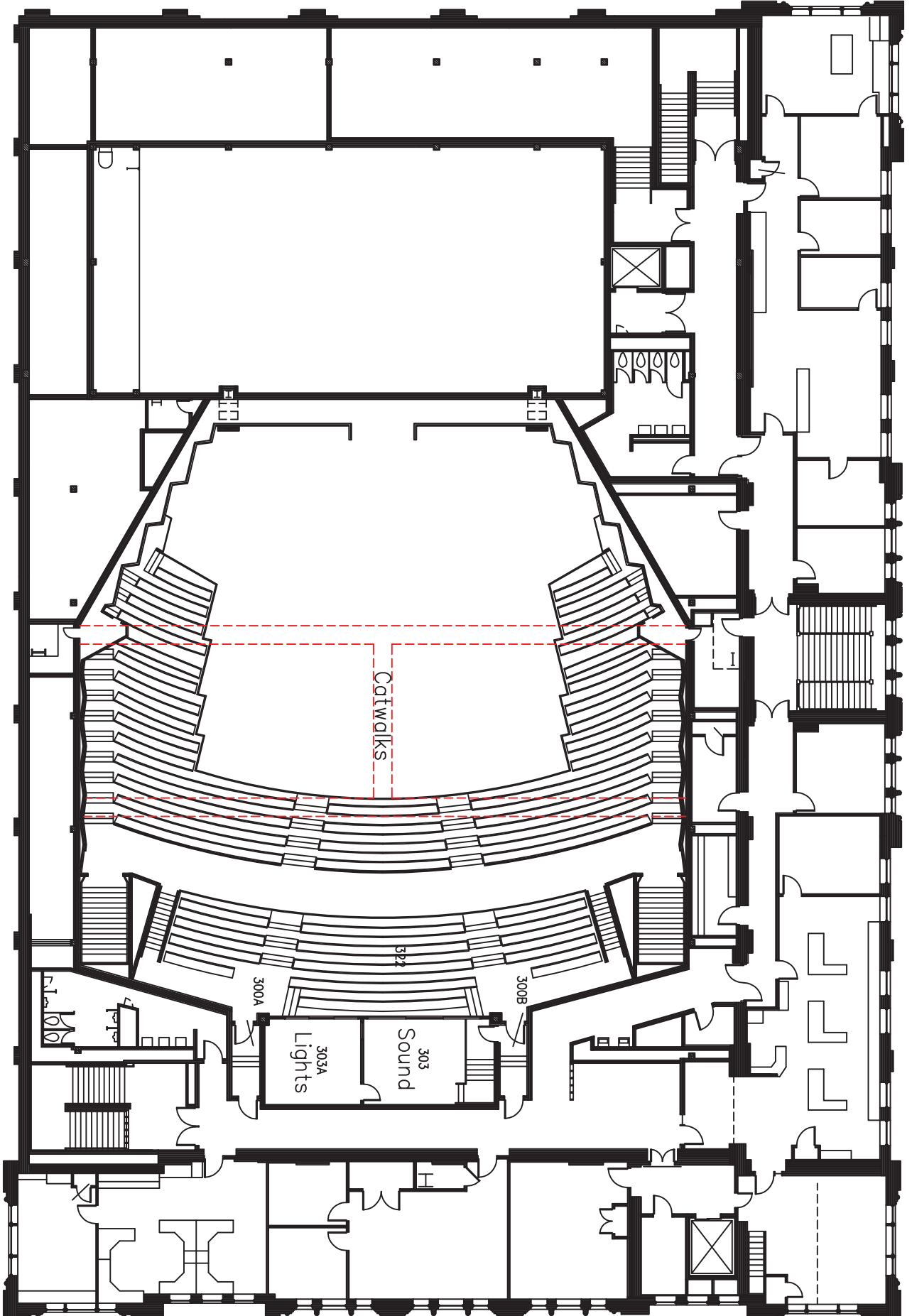


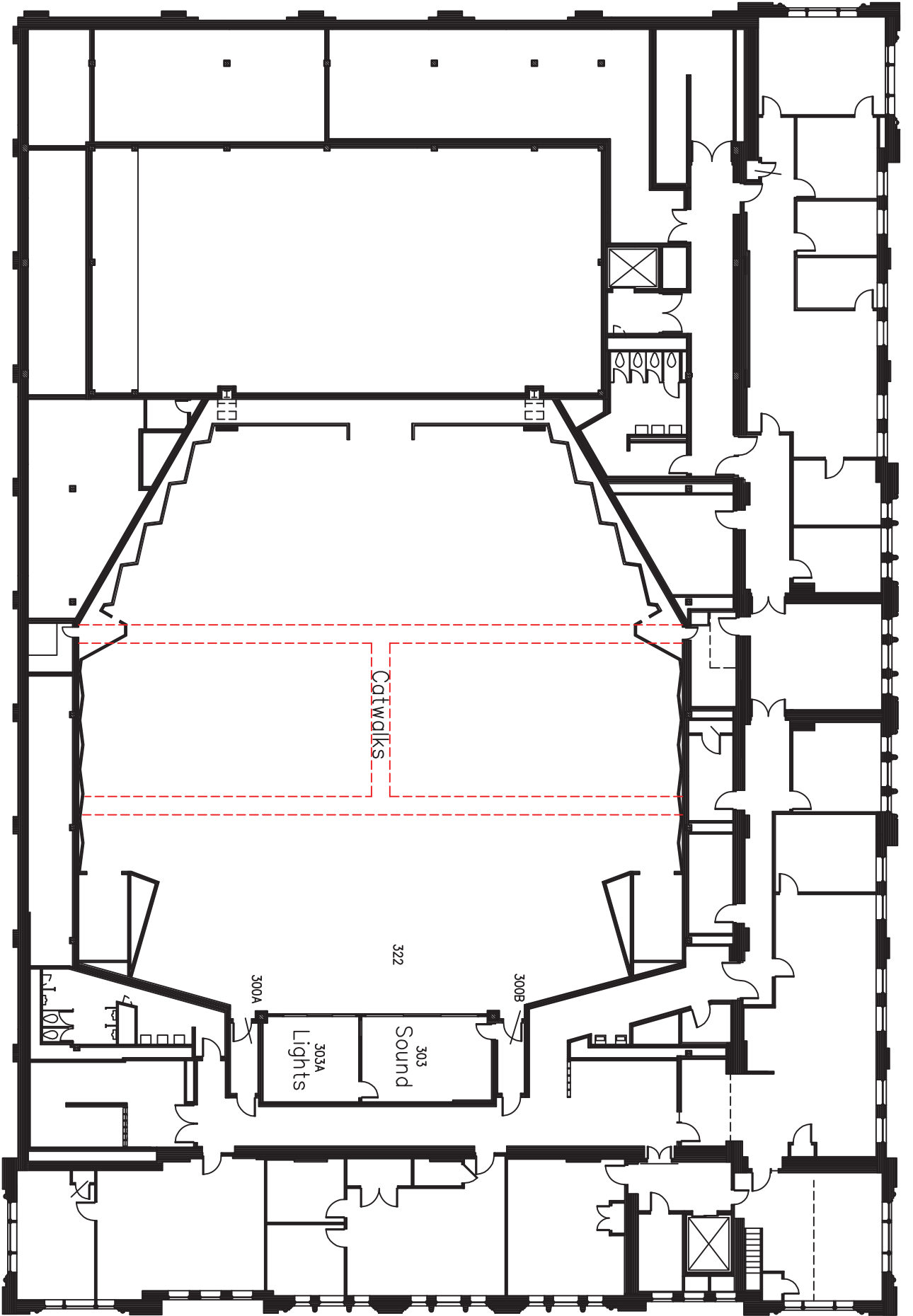




SHERIDAN HALL -- FIRST FLOOR PLAN
NOT TO SCALE
SEPTEMBER 2004





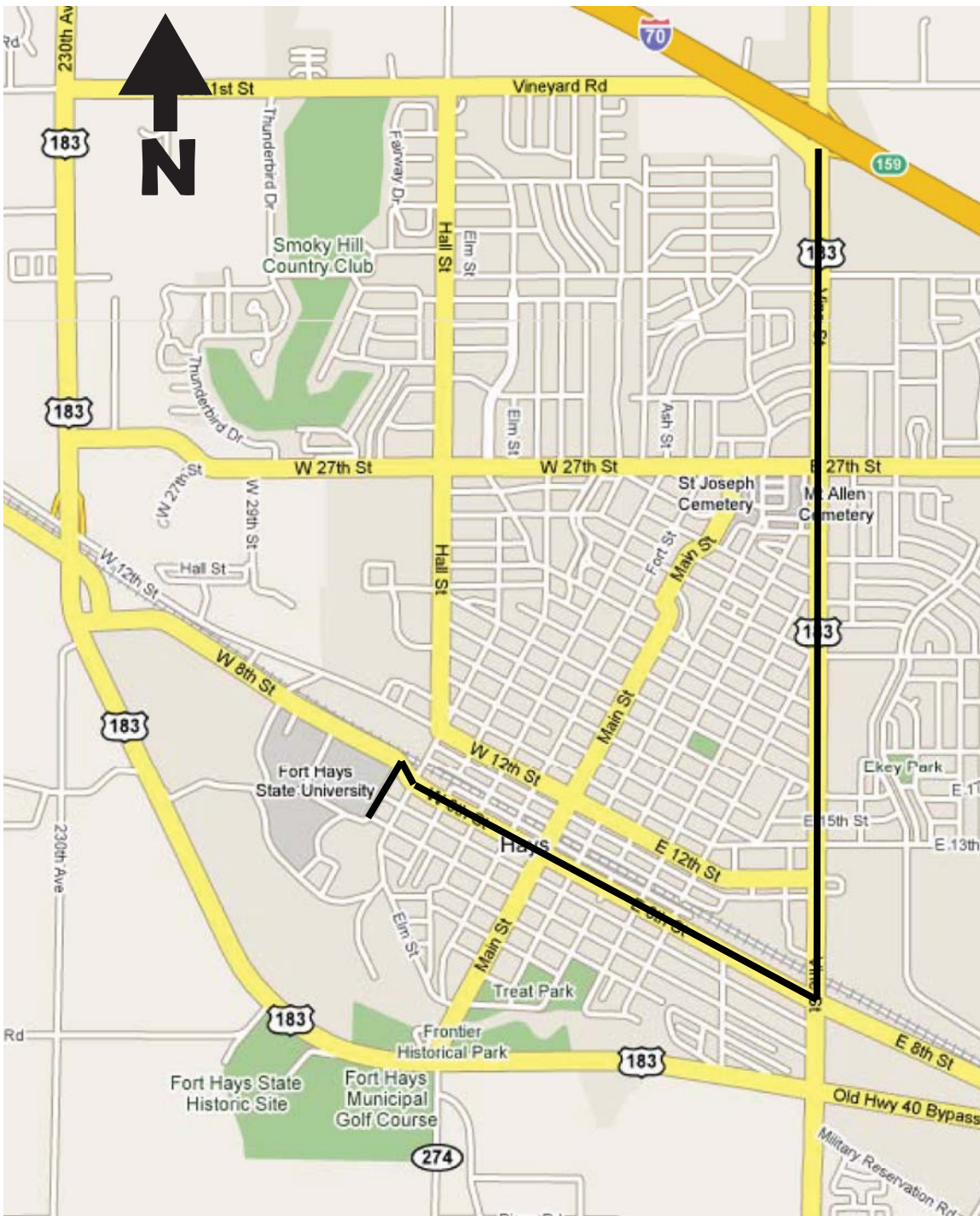


SHERIDAN HALL – CATWALKS ABOVE THIRD FLOOR
NOT TO SCALE
MAY 2002

Truck Friendly Driving Directions

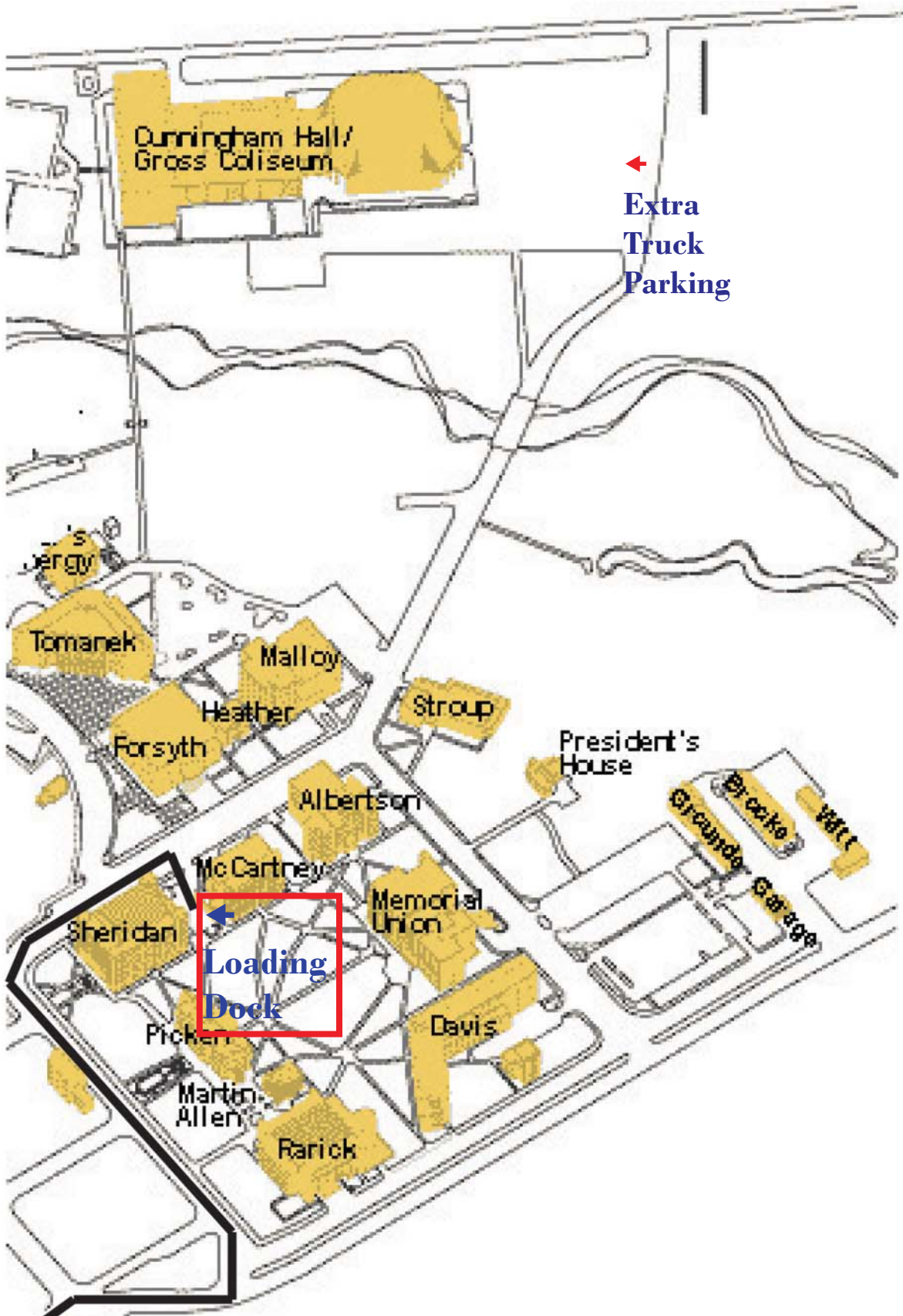
To get to Beach/Schmidt from I-70 take the 159 exit south. Drive south 2.5 miles to 8th St. Turn west on 8th St. Drive 1.5 west to Park St. Turn south on Park St. Drive .5 mile south to the blinking stop light. Follow the curve approximately 150 yards to the parking lot between Sheridan Hall and McCartney Hall The loading dock is located in this parking lot.

See attached maps on this page and the next for direction clarity.



Campus Map
on next page.

The loading area is located on the west side of Sheridan Hall.
Extra truck parking is located in the Cunningham Hall Parking Lot.





FOH Mix position



Back Stage Right (March 09)



Back Stage Left