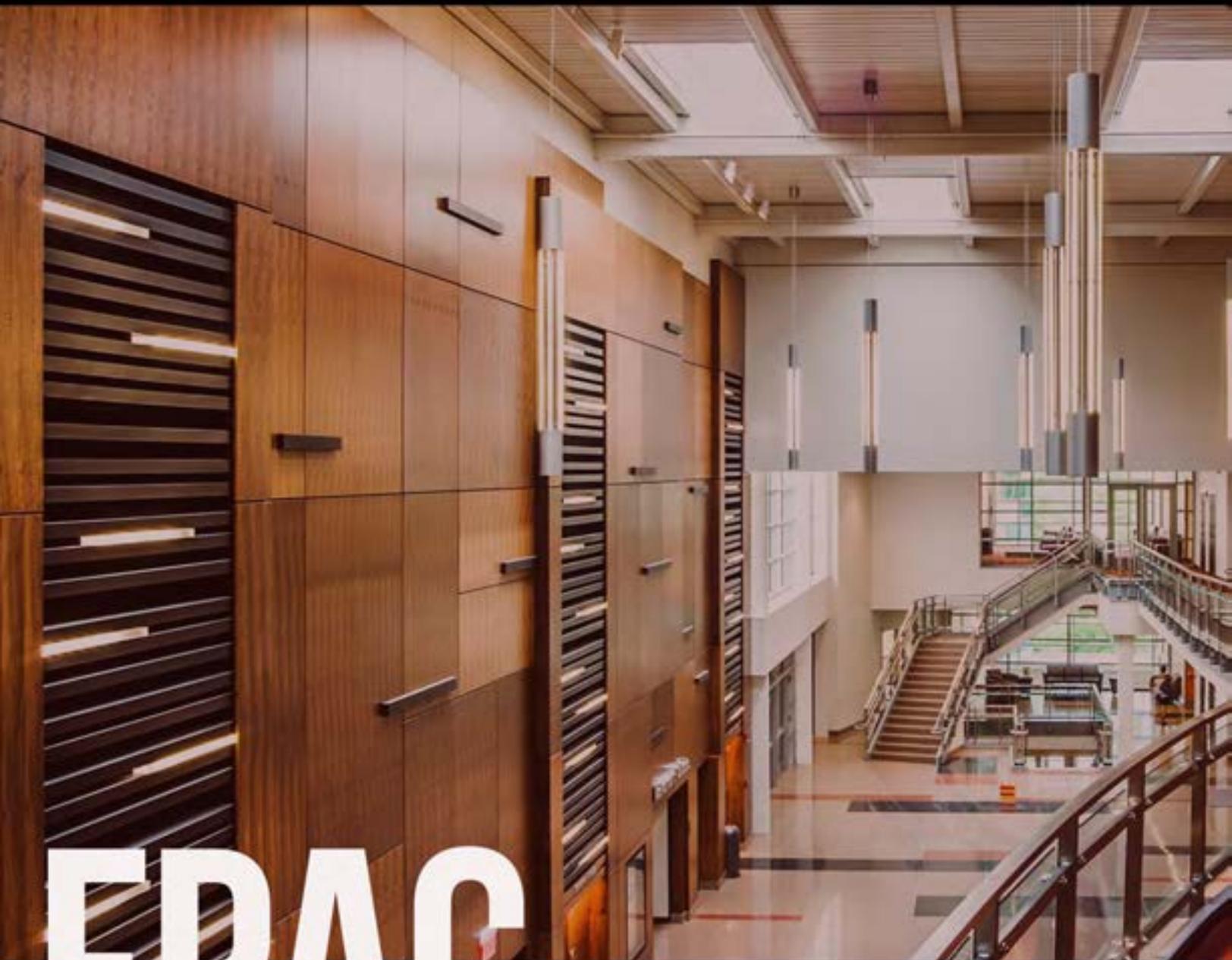


DEPARTMENT OF FINE AND PERFORMING ARTS



FPAC

FINE AND PERFORMING ARTS CENTER



FPAC SPACE DETAILS AND CAPACITY INFORMATION

—Recital Hall (Proscenium-style)

- 173 seats
- Not used primarily by theatre
- Designed and built for superb acoustics with no amplification
- Acoustically tunable with curtains
- Lighting instruments
 - All brand new Source 4 ellipsoidals (26°, 19°)
- Lighting positions
 - 1 batten on an automated winch over the audience
- Dimming
 - Strand C21 rack in dedicated room away from theatre
 - 30 dimmers for performance lighting
 - Strand Light Palette
 - Capability to use Strand Nodes to add DMX over ethernet onstage or on the batten
- Sound
 - Yamaha LS-9 digital board
 - Aviom equipment for XLR connection and run to amps
 - QSC amps and DSP, housed in dedicated room away from theatre
 - Speakers left and right, subwoofer under the stage center
 - 4 hardwired monitor outputs
 - Monitor capabilities to green room, dressing rooms, and scene shop
 - 8 Wireless handheld microphones, 8 wireless lavalier microphones, a large variety of cardioid, omni-directional, and unidirectional microphones.
 - CD Playback capabilities
- Projection
 - Christie Projector and motorized upstage screen
 - Controlled through a touch panel with programming for different input sources including: VGA in booth, VGA onstage, Blu-Ray in booth, DVD or VHS in booth, Blu-Ray backstage, DVD or VHS backstage
 - Touch panel controls screen and projector on/off, blank
 - Touch panel controls volume of all video sources and “teaching microphones”

—MainStage Theater (Proscenium)

- 371 seats with the option to add two rows in place of the apron bringing the total to 400
- Designed and built for superb acoustics with no amplification
- Limited acoustic tunability with some curtains at the catwalk level
- Spiralift orchestra pit with: Stage Level, Orchestra level, and two rows of seats that can be rolled onto it
- Single purchase counter-weight fly rail with 30 lines on 8” centers
- Full walkable grid
- Fly tower is 1 1/2 times the proscenium height
- New soft goods including: Cyclorama, Black Sharktooth scrim, 10 legs, 8 panels, 5 borders, traveller.
- Lighting instruments
 - All brand new fixtures including: Source 4 Ellipsoidals (50°, 36°, 26°, 19°, 14°), Source 4 PARs, Selecon Fresnels (8”), L&E J-Reflectors, two Robert Juliet

Followspots, 8 booms and boom bases, 60 sidearms, spare lamps for all instruments, and ample cable

- Lighting positions
 - Two walkable catwalks
 - Lighting gallery over the stage boxes
 - Box booms with stair access
 - Balcony rail
 - Flexible electrics with socapex boxes on the mid-rail allowing for multi-cable to be run to any batten

- Dimming
 - Strand C21 rack in dedicated room away from theatre
 - 282 dimmers for performance lighting
 - Strand Light Palette VL
 - Capability to use Strand Nodes to add DMX over ethernet in catwalk, followspot booth, onstage, backstage, pit, galleries, balcony rail, house

- Sound
 - Yamaha LS-9 digital board
 - Aviom equipment for XLR connection and run to amps
 - QSC amps and DSP, housed in dedicated room away from theatre
 - Speakers left, right, and center, subwoofer in the catwalks, delay speakers under the balcony and in the box seats
 - 4 hardwired monitor outputs in pit
 - Monitor capabilities to green room, dressing rooms, and scene shop
 - Benefit of Aviom and A-Net means that moving the sound board to a house mix position is relatively easy
 - 2 Wireless handheld microphones, 8 wireless lavalier microphones, a large variety of cardioid, omni-directional, and unidirectional microphones.
 - CD Playback

- Projection
 - Christie Projector and motorized screen downstage of the proscenium
 - Controlled through a touch panel with programming for different input sources including: VGA in booth, VGA in pit, Blu-Ray in booth, DVD or VHS in booth, Blu-Ray backstage, DVD or VHS backstage
 - Touch panel controls screen and projector on/off, blank
 - Touch panel controls volume of all video sources and “teaching microphones”

— Movement Studio (Proscenium-style)

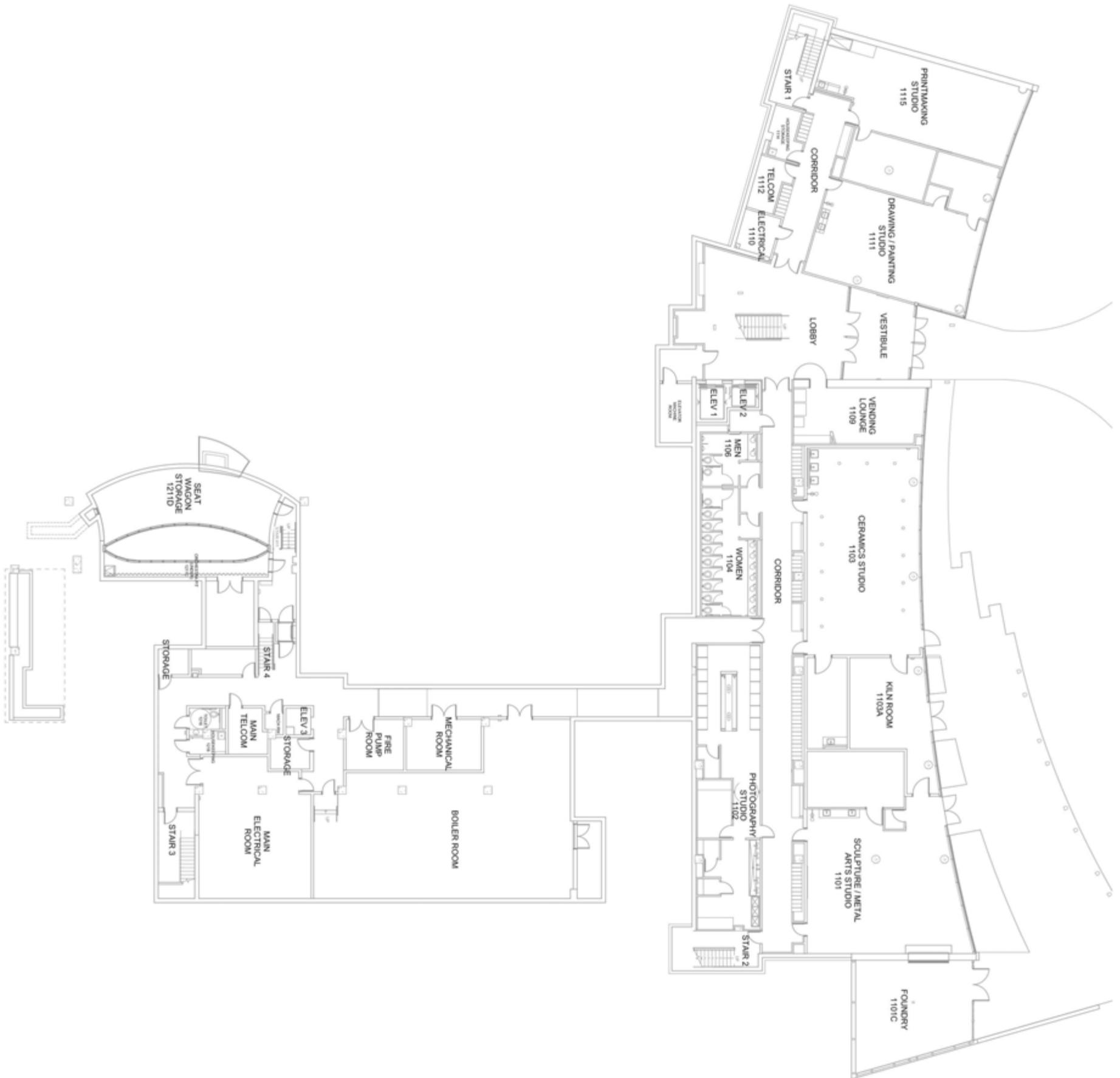
- 48 permanent seats, around 65 total possible
 - Seats can be folded against the wall
- Sprung dance floor
- 20' high dead-hung lighting grid (4'x4')
- New soft goods including: legs, cyclorama, scrim
- Mirrors on upstage wall and stage left wall
- Permanent barres on upstage wall and stage right wall
- Lighting instruments
 - All brand new fixtures including: Source 4 Ellipsoidals (50°, 36°), Source 4 PARs, L&E J-Reflectors, and cable
- Lighting positions
 - Dead hung lighting grid

- Dimming
 - Strand C21 rack in dedicated room away from theatre
 - 48 dimmers for performance lighting
 - Strand Palette
- Sound
 - Yamaha 01V96
 - 4 hard-wired XLR inputs upstage
 - QSC amps and DSP, housed in booth
 - Speakers left and right upstage
 - 2 Wireless handheld microphones, 4 wireless lavalier microphones.
 - CD Playback
- Projection
 - Christie Projector and motorized screen upstage
 - Controlled through a touch panel with programming for different input sources including: VGA in booth, VGA on stage left, VGA on stage right, Blu-Ray in booth, DVD or VHS in booth
 - Touch panel controls screen and projector on/off, blank
 - Touch panel controls volume of all video sources
- BlackBox Theater (Flexible Space: Thrust or Proscenium-style)
 - Approximately 200 seats available, can comfortably hold around 165
 - 20' high dead-hung lighting grid (4'x4')
 - New soft goods including: legs, cyclorama, scrim
 - Lighting instruments
 - All brand new fixtures including: Source 4 Ellipsoidals (50°, 36°, 26°), Source 4 PARs, Selecon Fresnels (6"), L&E J-Reflectors, and cable
 - Lighting positions
 - Dead hung lighting grid
 - Dimming
 - Strand C21 rack in dedicated room away from theatre
 - 180 dimmers for performance lighting
 - Strand Palette
 - Sound
 - Yamaha 01V96
 - 12 hard-wired XLR inputs around the stage
 - QSC amps and DSP, housed in dedicated room away from theatre
 - Speakers left and right upstage
 - 2 Wireless handheld microphones, 4 wireless lavalier microphones.
 - CD Playback
 - Projection
 - Christie Projector and manual screen
 - Controlled through a touch panel with programming for different input sources including: VGA in booth, VGA upstage center, VGA on stage right, Blu-Ray in booth, DVD or VHS in booth, DVD or VHS backstage
 - Touch panel controls screen and projector on/off, blank
 - Touch panel controls volume of all video sources

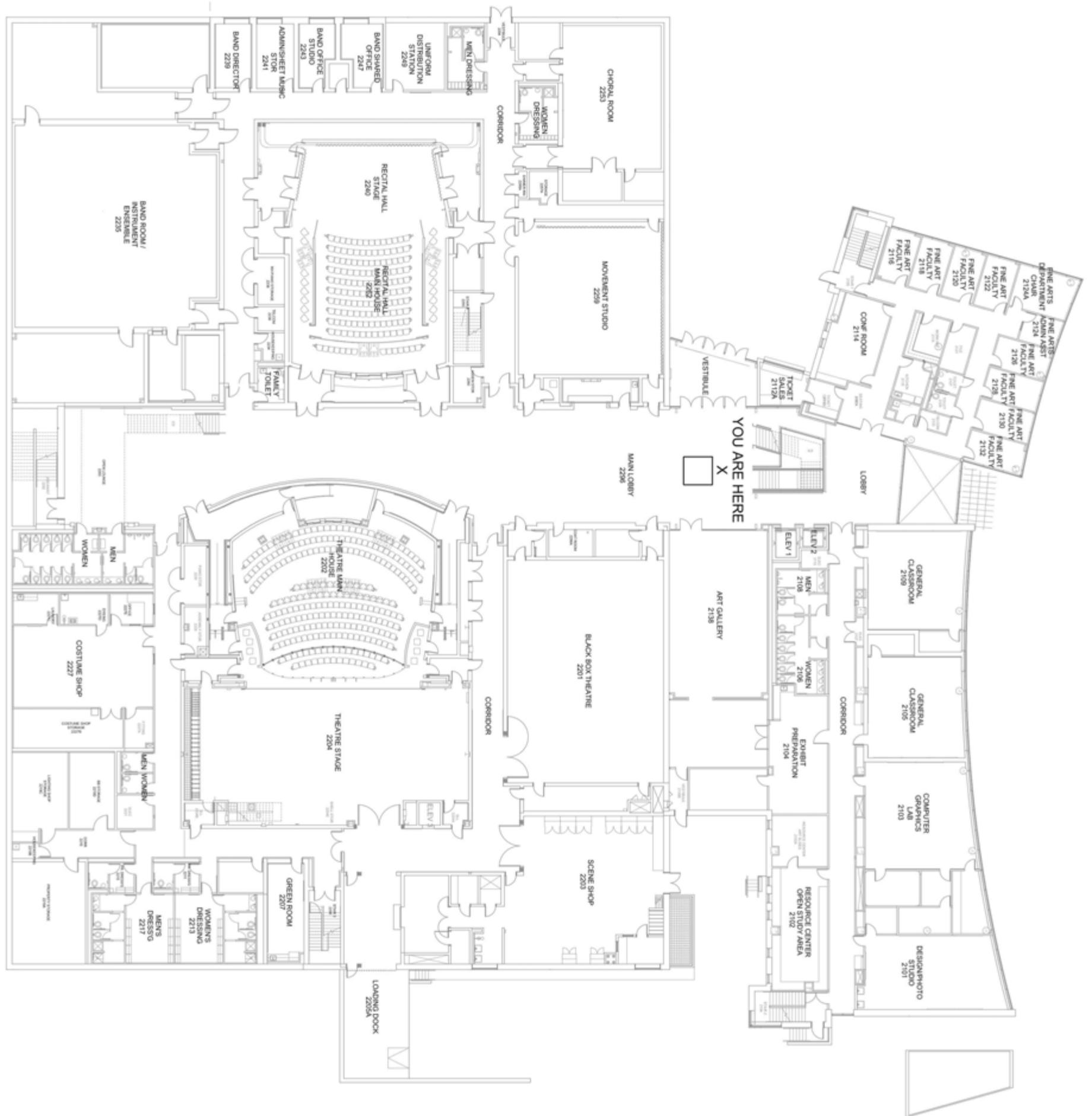
Dressing rooms, green room

- There is a Men's Dressing Room, a Women's Dressing Room, and two private dressing rooms

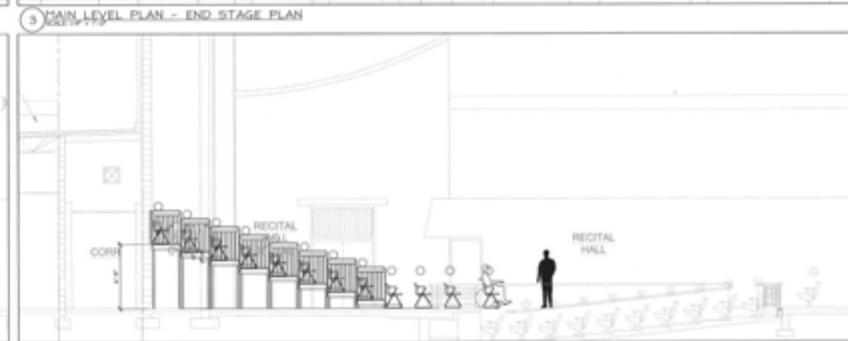
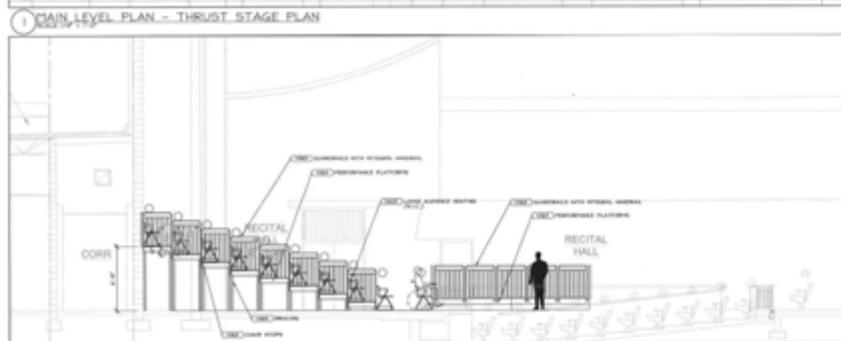
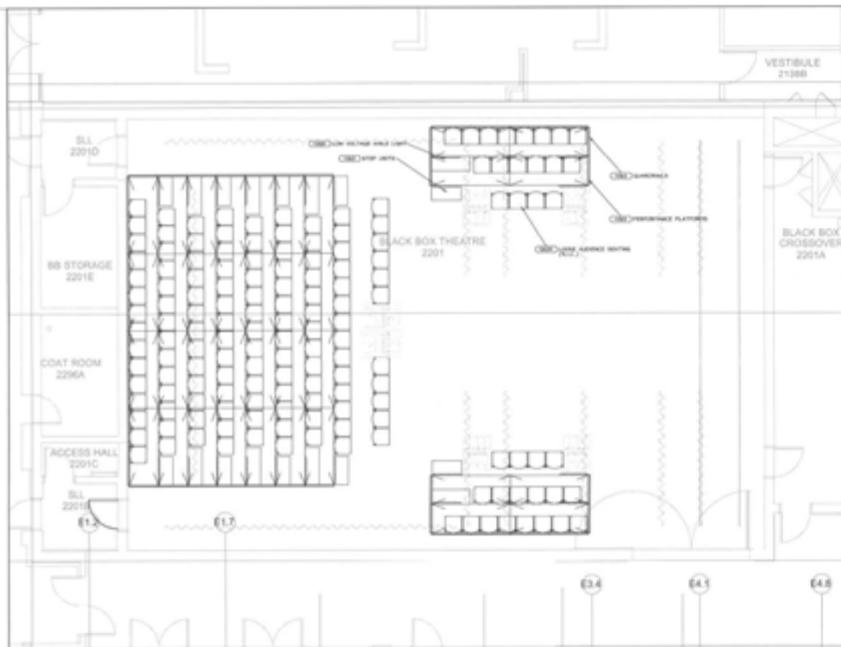
- Dressing room facilities are spacious, with showers (not in the private dressing rooms), lockers, mirrors, and make-up lights.
- Dressing rooms and green room have headset communication with both the MainStage Theater and the Recital Hall.
- Backstage audio monitors are in the dressing rooms and green room and can be used to listen to the MainStage Theater and the Recital Hall
- Green room has a sink, refrigerator, and microwave.



FPAC - 1ST FLOOR (ART, DESIGN, SCULPTURE & PHOTOGRAPHY STUDIOS)



FPAC - 2ND FLOOR (PERFORMANCE SPACES, GALLERY, CLASSROOMS, OFFICES, COMPUTER LAB, STUDIOS, ETC.)



5 SEATING AND PLATFORM INVENTORY

	SEATS	WHEELCHAIR	TOTAL
END STAGE	10	5	15
THRUST STAGE	10	6	16
PROSCENIUM			119
PLATFORM QUANTITY			
TOTAL	20	11	31

5'0" = 1'-0"

EYP/
 Theatre Projects
 Consultants

PROJECT NAME: FINE AND PERFORMING ARTS CENTER (FPAC)
 PROJECT NUMBER: 05-175-648-00

PROJECT NAME: FINE AND PERFORMING ARTS CENTER FOR BOWEN STATE UNIVERSITY
 PROJECT NUMBER: ISSUED FOR CONSTRUCTION 1/24/2018

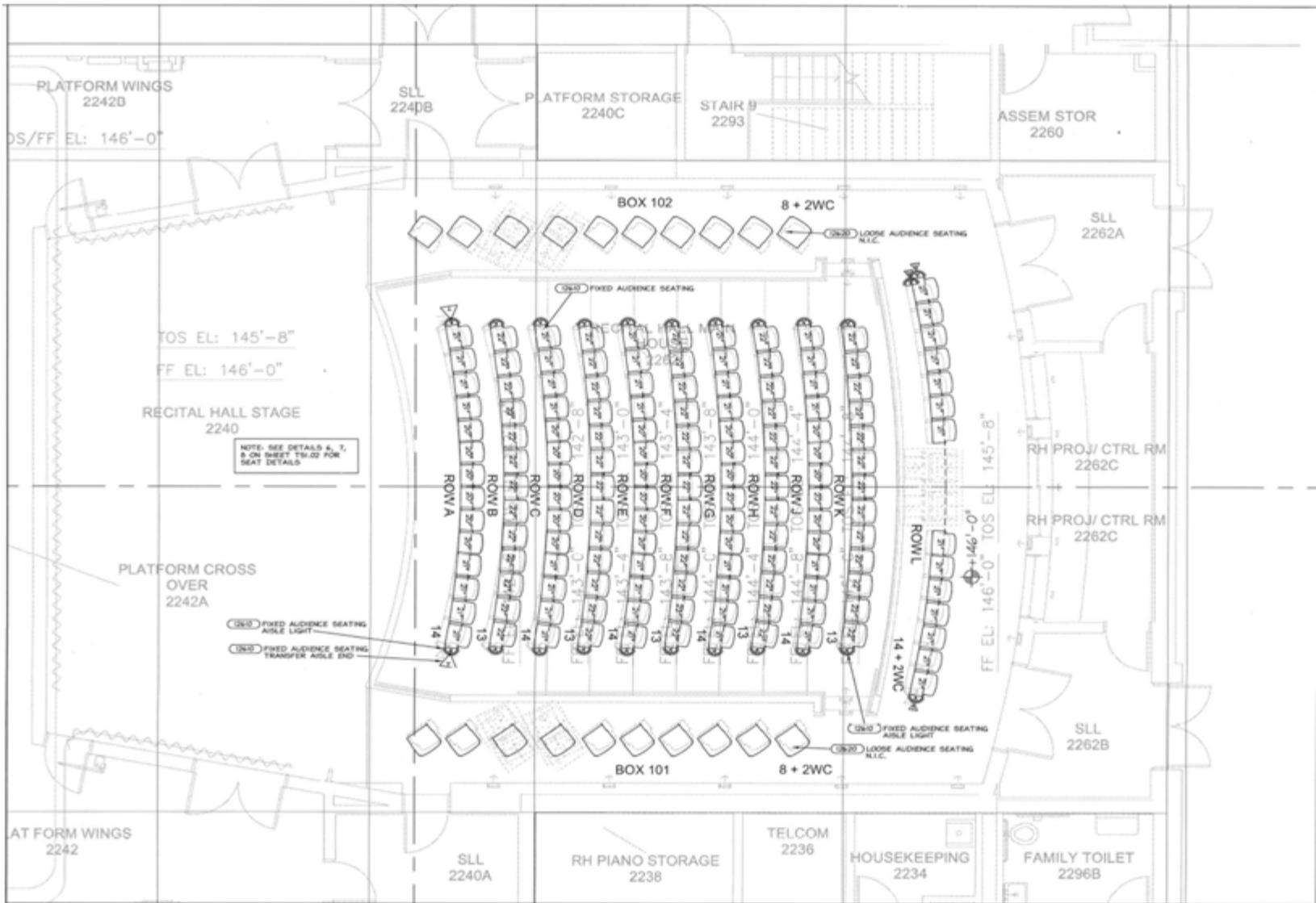
PROJECT MANAGER: DATE: 1/24/2018

DATE: 1/24/2018

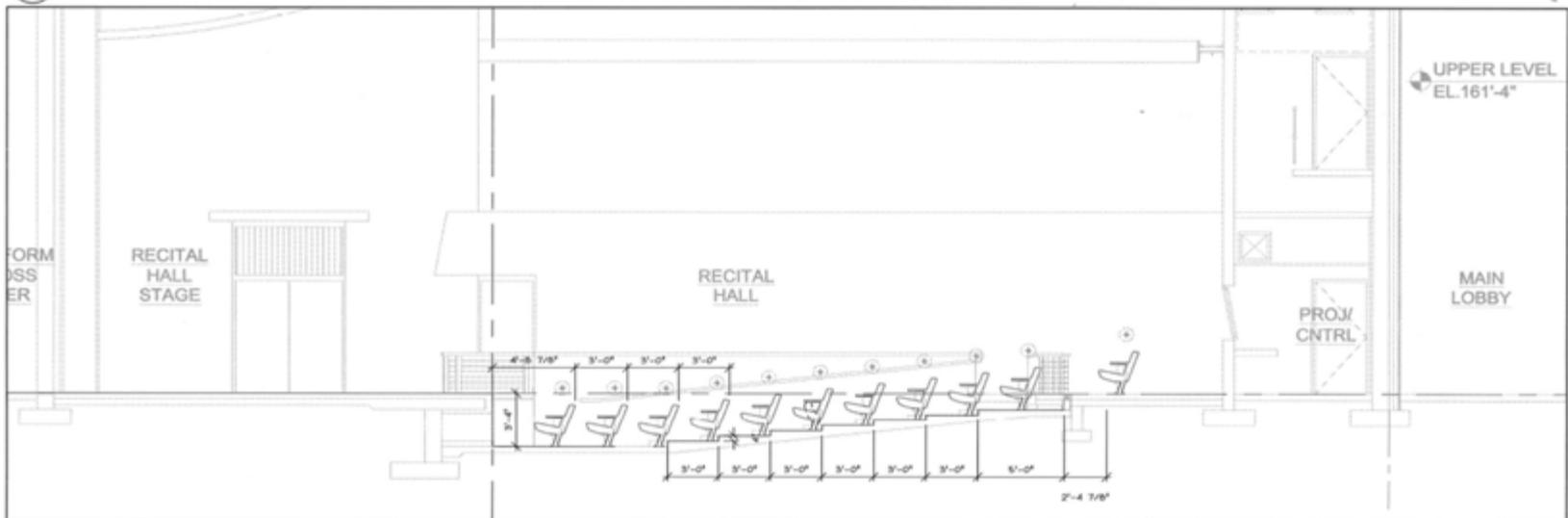
DESCRIPTION: THEATRE SEATING BLACK BOX THEATRE

TS2.01

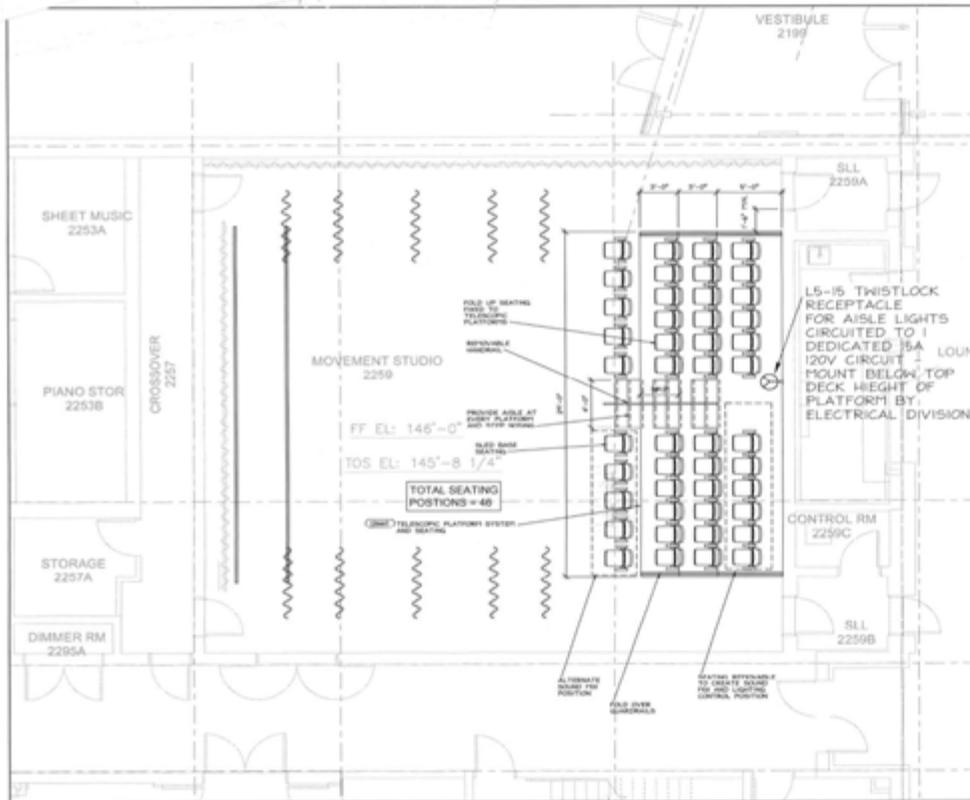
FPAC - RECITAL HALL SEATING VIEW 1



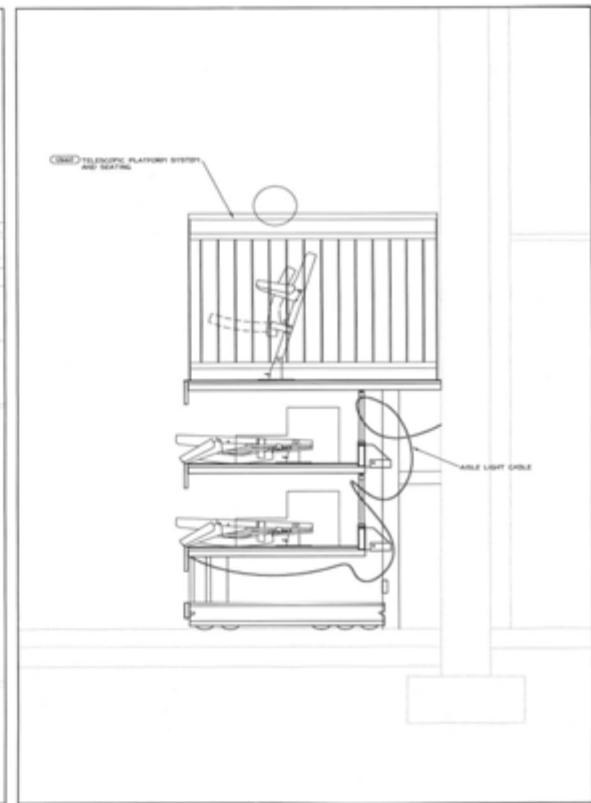
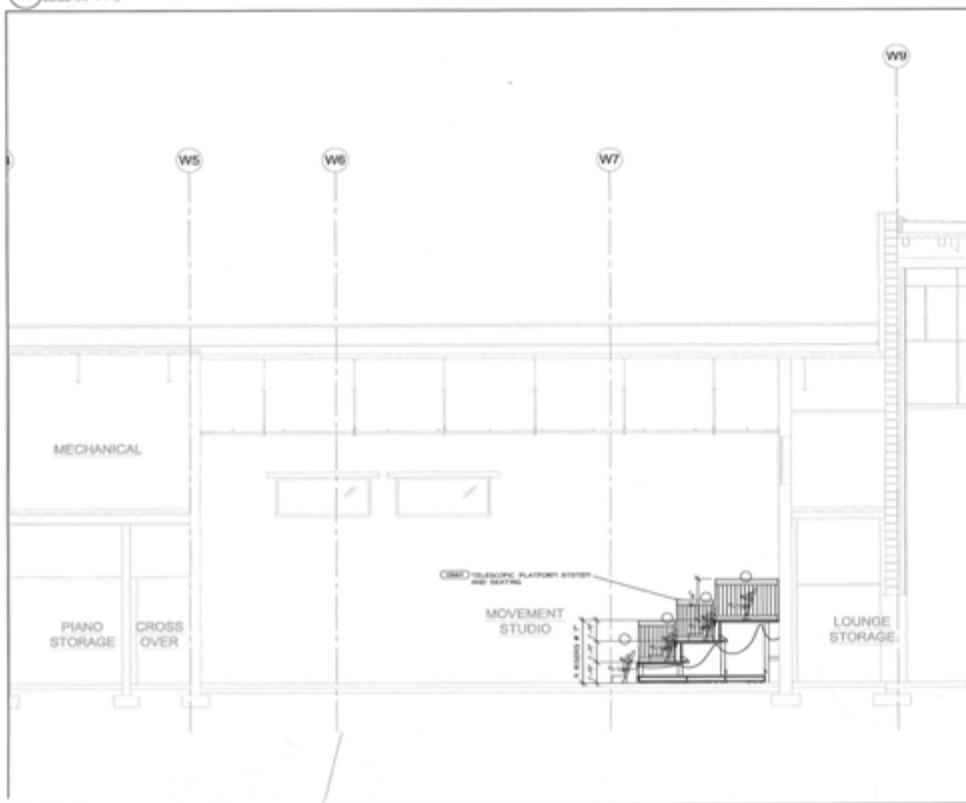
1 MAIN LEVEL PLAN
SCALE: 1/4" = 1'-0"



FPAC - RECITAL HALL SEATING VIEW 2



1 TELESCOPIC PLATFORM PLAN



3 TELESCOPIC PLATFORM DETAIL SECTION

FPAC - MOVEMENT STUDIO SEATING



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 1100 S. MICHIGAN AVE.
 CHICAGO, IL 60605
 TEL: 312.427.4000
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THEATRE PROJECTS
 Consultants



ALSO SHOWN HERE
 SEATING PLAN
FINE AND PERFORMING ARTS CENTER (FPAC)
 SEE PROJECT NUMBER
 05-178-046-00

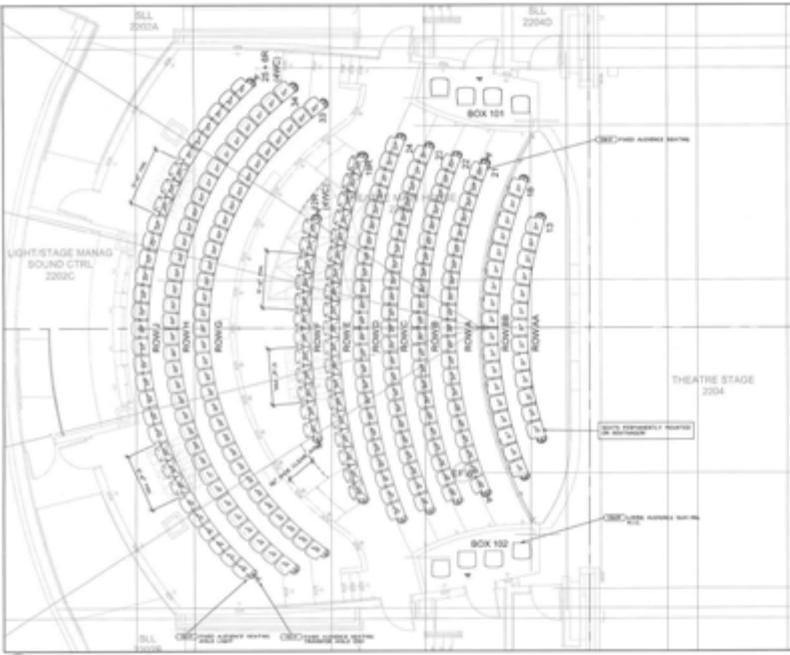
PROJECT NAME
FINE AND PERFORMING ARTS CENTER FOR BOWEN STATE UNIVERSITY

PROJECT NUMBER
ISSUED FOR CONSTRUCTION - I.A.M. 08

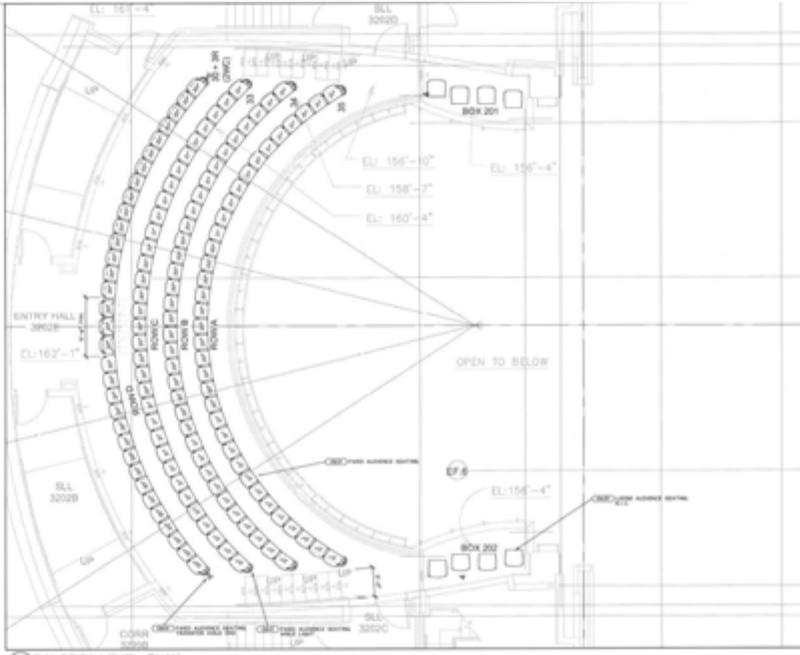
PROJECT NUMBER DATE
 REVISION

DATE DESCRIPTION
 REVISION

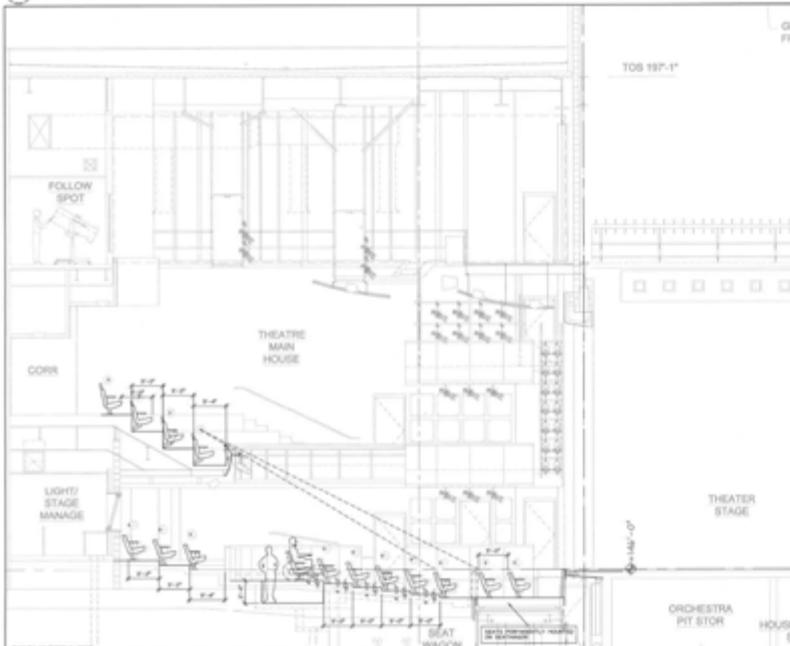
DATE BY



1 MAIN LEVEL PLAN
 05/17/10



3 BALCONY LEVEL PLAN
 05/17/10



2 CENTERLINE SECTION
 05/17/10

SEATING AREA	SEATING TYPE	SEATING COUNT	SEATING AREA (SQ FT)	SEATING AREA (SQ M)	SEATING AREA (SQ YD)	SEATING AREA (SQ IN)	SEATING AREA (SQ CM)	SEATING AREA (SQ MM)
MAIN LEVEL	SEAT	1000	1000	92.9	1089	1440000	144000000	14400000000
BALCONY	SEAT	500	500	46.4	544	720000	72000000	7200000000
ORCHESTRA PIT	SEAT	100	100	9.3	109	144000	14400000	1440000000
HOUSE	SEAT	200	200	18.7	217	288000	28800000	2880000000
TOTAL		1800	1800	167.3	1959	2560000	256000000	25600000000

4 SEAT INVENTORY
 05/17/10



5 DRAWING KEY
 05/17/10

1/4" = 1'-0"

FPAC - MAIN STAGE BALCONY SEATING

TS1.01