

# THE LAKES *Theatre*



## Theatre Technical Specifications



## The Lakes Theatre STAGING INFORMATION

### Seating Capacity:

- Total 1200 seats

### Stage Dimensions:

- Width at widest Part - 18m
- Rear stage width - 13m
- Stage depth (at centre) - 7.4m
- Height - 6.8m

### Stage Floor:

- Sprung floor of 19mm ply (painted black)

### House Draperies:

- |                 |   |
|-----------------|---|
| • House Curtain | 1 x black wool 2 piece Left & Right Draw pulleysystem |
| • Front Gauze   | 1 x black wool 2 Piece Left & Right Draw              |
| • Rear Gauze    | 1 x black wool 2 Piece Left & Right Draw              |
| • Wings         | 4 x black wool 1 Piece 2 x Right, 2 x Left            |

### **Elevated Work Platform:**

- 1 x Genie 2032 Scissor Lift (Authorised use only)
- 1 x Aluminium Scaffold 5m working height platform

### **Dressing Rooms/ Green Room:**

- 1 x Male complete with shower and toilet (Stage Level)
- 4 x makeup stations with lighting & mirrors
- 1 x Female complete with shower and toilet (Stage Level)
- 4 x Makeup stations with lighting & mirrors

### **Loading Dock:**

- 1.8mt wide x 2.9mt high dock door  
**Loading Dock is at stage Level and can open up onto stage**

## **AUDIO INFORMATION**

The Sound Desk is located Centre Back of Theatre, Sound, Lighting, AV are all operated from the same location. The system is a D&B V Series line array system driven by a Midas Pro 6 Console. Any additional equipment needed is easily added as the Theatre has been future proofed.

### **Main control:**

- Midas Pro 6
- 1 x Midas DL371 Audio System Engine
- 1 x Midas DL151 fixed format I/O 24 Inputs (Located at Sound Desk Position)
- 1 x Midas DL152 fixed format I/O 24 Outputs (Located at House Left)
- 2 x Midas DL153 fixed format I/O 16 Mic inputs & 8 Outputs (1 Located at House Right, 1 Located House Left)

### **Input (external):**

- 3.5mm stereo input jack
- Tascam CD-200SB CD/MP3/USB Player

### **Speakers and Amps:**

- 2 x D&B V Series professional Line Array (L&R) Floor Positioned each side consisting of 2 x D&B V8 Speakers, 8 x D&B V12 Speakers 2 x D&B V Subwoofer Floor positioned, 2 x D&B J infra subwoofer
- 6 x D&B D12 dual channel mainframe amplifier controllers/EP5.
- 1 x D&B R70 Ethernet to CAN Interface
- 1 x D&B Q7 Centre Infill - Flown
- 4 x D&B D6 dual channel mainframe amplifier controllers/NL4
- 2 x D&B Q7 Side fill Speakers
- 9 x D&B Max 12 monitors
- 1 x D&B s18 Sub (Drum infill)

### **Microphones Wireless:**

- 5 x Shure ULXD Quad Channel Digital Receivers
- 1 x Shure Antenna Distribution System/Combiner
- 1 x RF Venue Diversity Fin Antenna
- 12 x Shure ULXD Wireless Body packs
- 8 x Shure ULXD Wireless Handhelds
- 6 x KSM9 interchangeable heads for ULXD Wireless Handhelds
- 2 x Beta 58 interchangeable heads for ULXD Wireless handhelds
- 18x JTS Headsets for Shure ULXD Body packs

### **Microphones and DIs Cabled:**

- 5 x Shure SM58 Mics
- 4 x Shure SM57 Mics
- 2 x Rode M3 Condenser Mic
- 4 x Rode NTG1 Shotgun Mic – Roof Mounted
- 4 x Crown PCC160 Boundary Mic
- 1 x Shure Beta 52A Mic
- 1 x Shure Beta 57A Mic
- 1 x Shure SM57 Mic
- 4 x Sennheiser E904 Mic
- 2 x Shure SM81 Mic
- 1 x PG 52 Kick Drum Mic
- 3 x PG 56 Snare/ Tom Mic
- 2 x PG 81 Condenser Mics
- 2 x Australian Monitor DI Box

- 1 x Radial JDI Duplex DI Box
- 1 x Radial JDI Stereo DI Box
- 1 x Radial ProAV2 DI Box
- 3 x Radial J48 DI Box

### **Monitoring System:**

- 8 x Shure PSM900 Wireless Transmitters
- 8 x Shure PgA Wireless Body Packs (Suit PSM900)
- 1 x Shure PgHW Wired Body Pack

### **Microphones Stands:**

- 12 x K&M Starline Tall Boom Stand
- 3 x K&M Starline Short Boom Stand
- 1 x K&M Starline Round Base Stand
- 12 x K&M Tall Bool Stands

### **Patching:**

- 1 x Midas DL151 fixed format I/O 24 Inputs (Located at Sound Desk Position – ULXD Receivers and Auxiliary Inputs Patched)
- 1 x Midas DL152 fixed format I/O 24 Outputs (Located at House Left – PSM900 Receivers Patched)
- 2 x Midas DL153 fixed format I/O 16 Mic inputs & 8 Outputs (1 Located at House Right, 1 Located House Left)
- 3 x Pits - Stage Front Centre, Stage Front Left, stage front right (Each Pit Contains 2 x XLR Inputs and 2 x NL4 Returns)

### **Additional Audio Information:**

- 1 x Waves Soundgrid Server
- 1 x Klark Teknik DN9650 Network Bridge
- 1 x DiGiGrid MGB Interface
- 1 x Netgear Gigabit Switch
- Waves MultiRack Software
- 1x Mikro Tik Router for iPad Connectivity to Midas Pro 6 Console (Available on Request)

## LIGHTING INFORMATION

The Theatre Lighting features intelligent and fixed LED luminaries. They are controlled by Jands Vista Software and control surfaces. All luminaries are connected via DMX which is available at each lighting bar. Power outlets are located parallel with the lighting bars. A 12 Channel Jands Dimmer is available for older luminaire types.

### Main Control:

- 1 x 27" iMac running Jands Vista V2.3 Software
- 1 x Jands S1 Surface

### Dimmers:

- 1 x Jands WMX 12 Channel Dimmer

### Luminaries:

- 14 x LED ProShop Multipar Quadcolour 18 x 4wRGB+CW
- 8 x LED ProShop Quadcolour CYC Bars 18 x 4wRGB+CW
- 8 x ETC Source 4 Zoom 750w Profile Spotlights
- 6 x Martin RUSH MH1 Profile Plus Moving Heads
- 16 x Martin RUSH MH6 Wash Moving Heads
- 6 x Martin RUSH MH7 Hybrid (Spot, Beam and Wash Modes) Moving Heads

### Follow Spot

- 1 x DTS Moon 1200w

### Lighting Bar Positions:

- 1 x Bridge Lighting Bar
- 1 x Truss above Middle Landing w/Chain Motors
- 5 x Over Stage Lighting Bars
- 1 x Truss above rear of stage w/Chain Blocks

**Stage Lighting can be modified as per Show requirements**

## VISUAL INFORMATION

### **Screen (Centre):**

- 1 x GloShine SQM M-P 8m x 4m. 2.8mm Pitch Indoor LEDScreen

### **Vision Specs:**

- 1 x Roland V-800 HD Video Switcher
- 2 x 27" iMacs
- 1 x MacBook Pro
- 1 x BlackMagic URSA EF Cinema Camera

### **Computers:**

- 2 x 27" iMacs (Running ProPresenter 6 Software)
- 1 x MacBook Pro (Running ProPresenter 6 Software)

### **Lectern:**

- 1 x Lectern

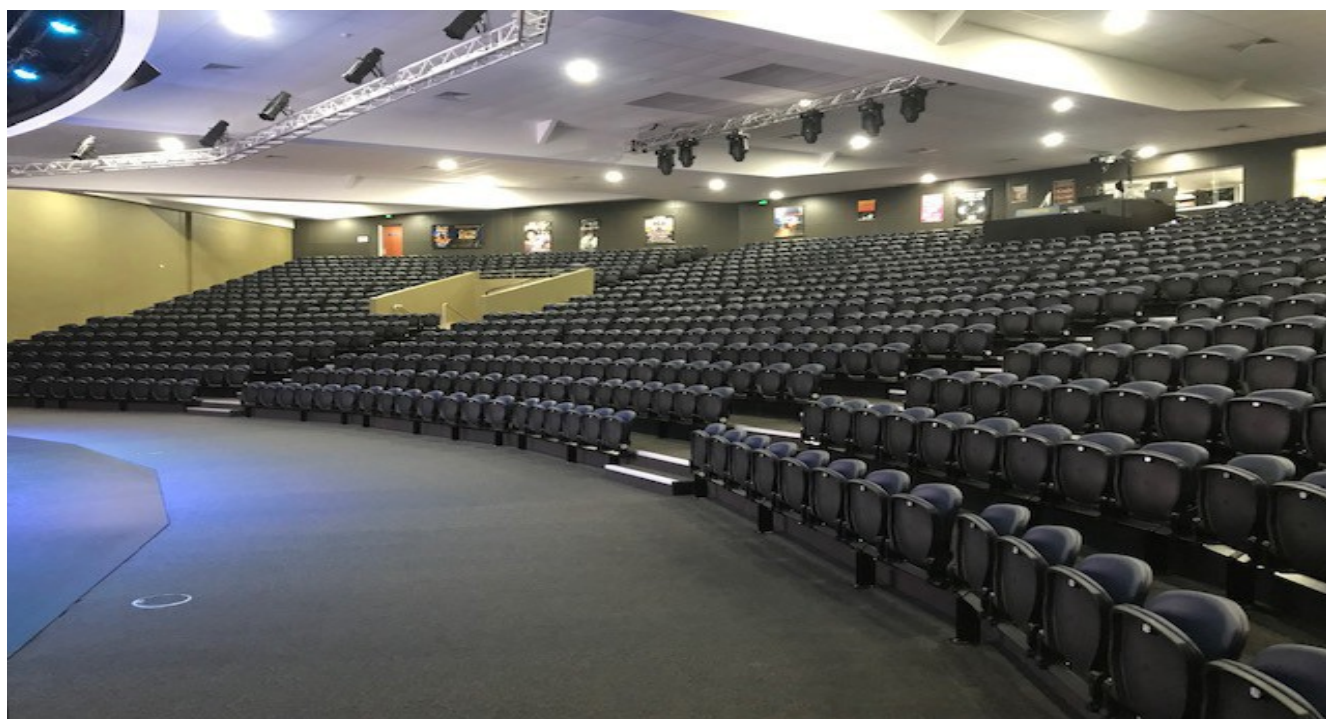
### **Additional Information:**

- 1 x VGA Input available at Stage Front Centre
- 1 x VGA Output available at Stage Front Centre
- 1 x Stereo PC Audio input available at Stage Front Centre (2 x XLR to 3.5mm TRS Jack)
- 1 x 3 Phase Power Outlets Located Stage Rear Left
- 2 x 3 Phase Power Outlets Located Backstage in Storeroom
- 3 x Single Phase Power Outlets available Stage Front Centre, Stage Rear Left and Stage Rear Right

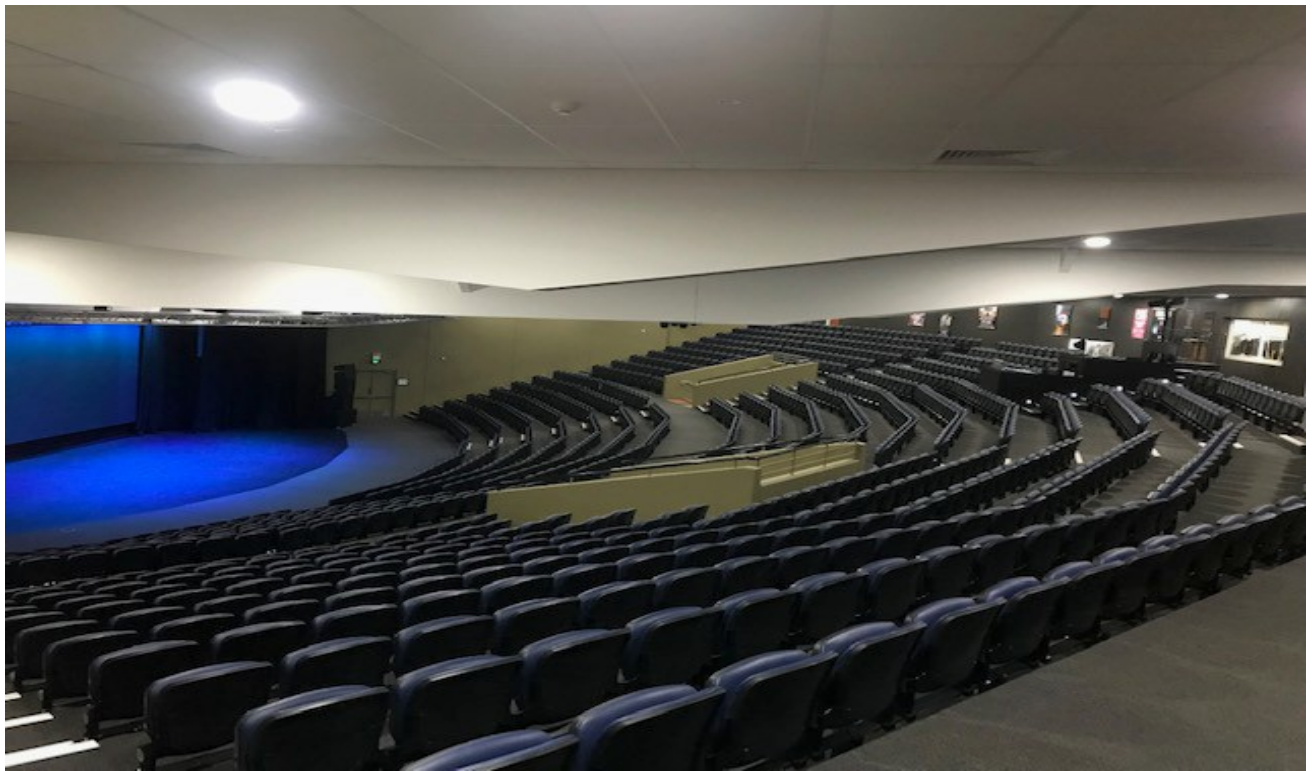
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STAGE





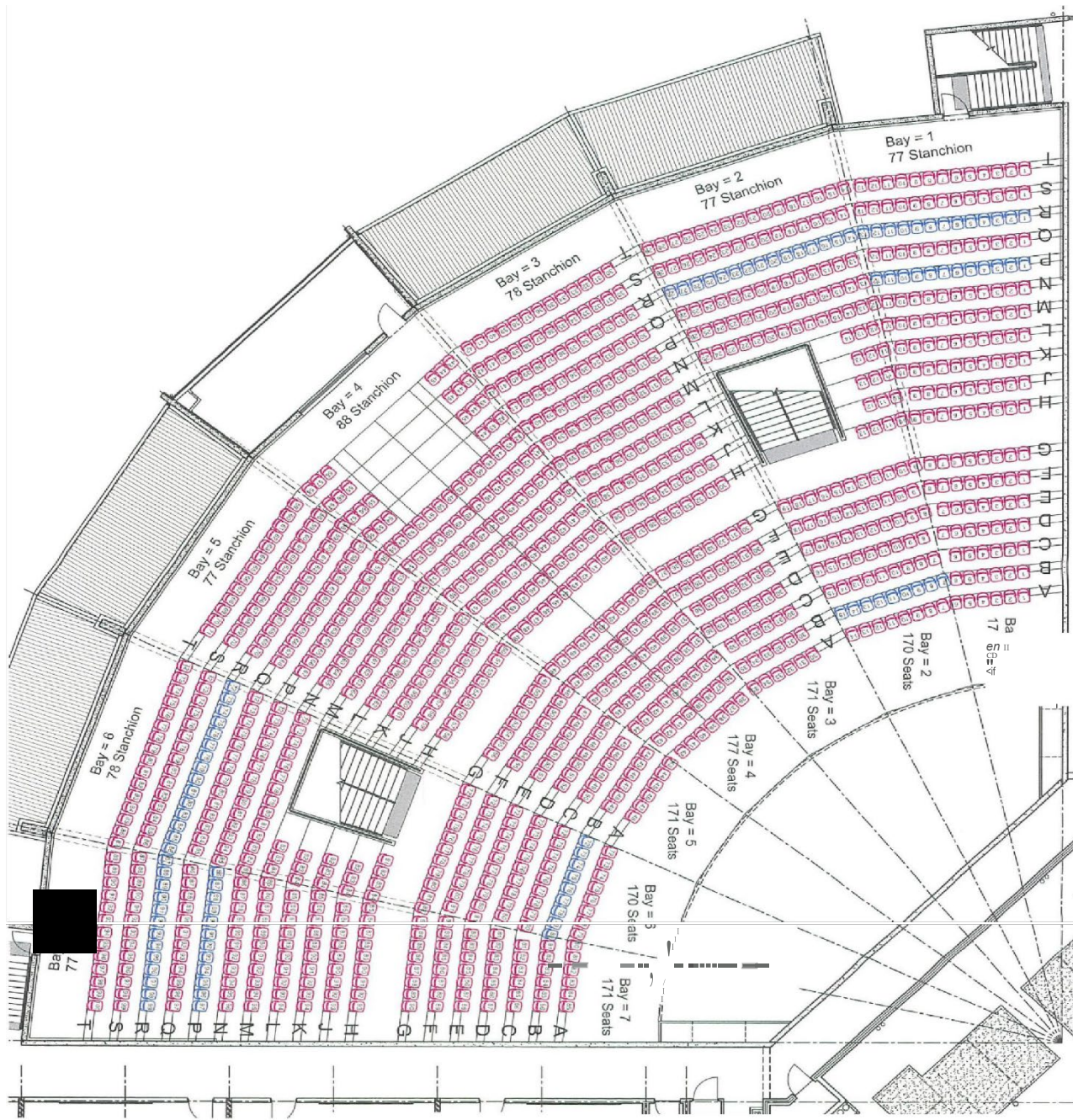
Site plan of Theatre and surrounding College.



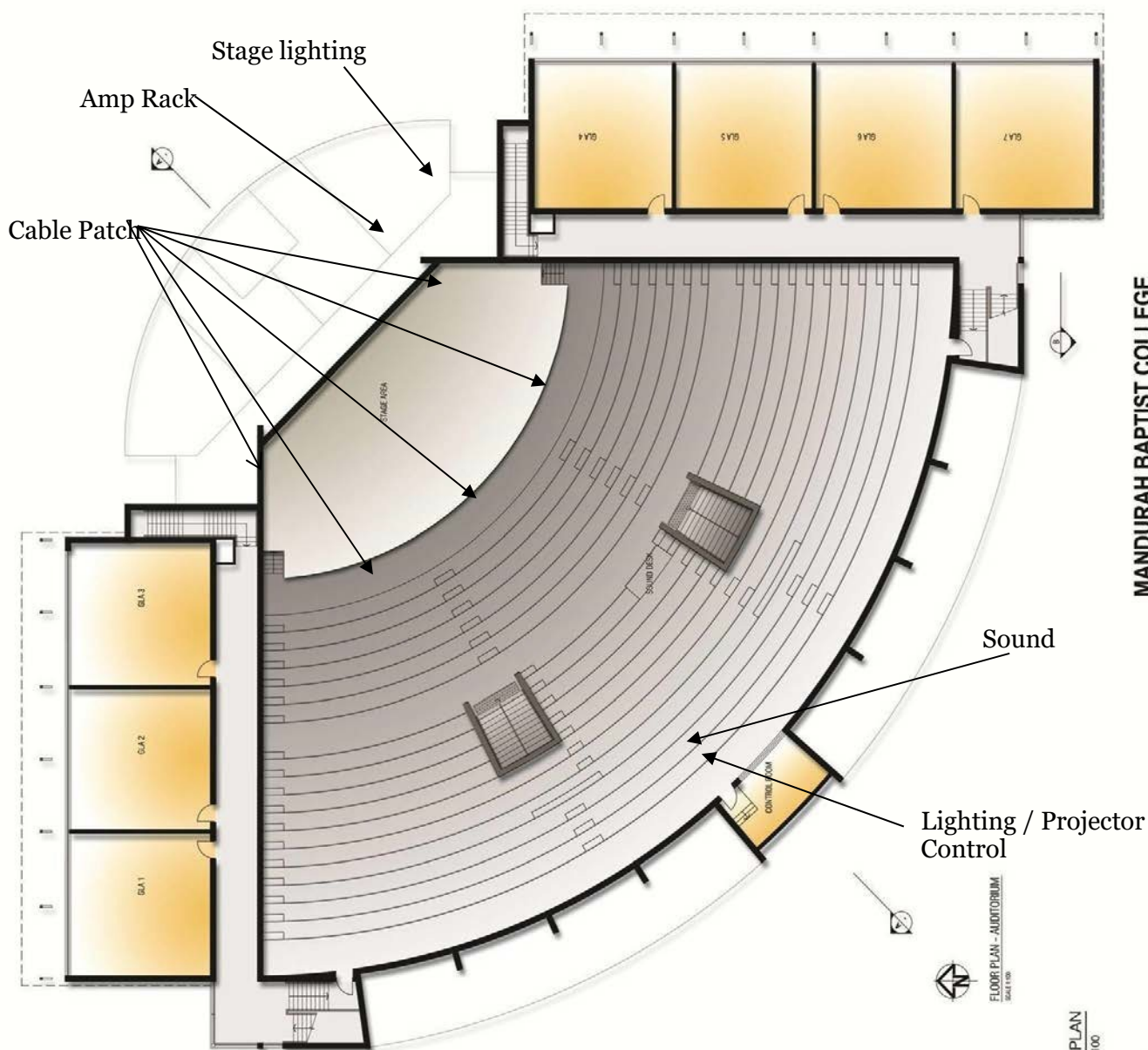
MANDURAH BAPTIST COLLEGE  
SITE PLAN







MANDURAH BAPTIST COLLEGE  
STAGE 5



FLOOR PLAN - AUDITORIUM  
SCALE 1:100

