



# SWAN HILL TOWN HALL

## PERFORMING ARTS & CONFERENCE CENTRE

# Swan Hill Town Hall Performing Arts and Conference Centre

## Technical Specifications V3.4

Updated 27/03/2026

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# STAGE

## Stage description

Unraked stage with a proscenium arch and flying facilities. Jarrah floor, screwing into floor not permitted. Stage crossover behind cyclorama solid wall. It has a width restriction of .55m

|                              |             |
|------------------------------|-------------|
| Stage distributed load limit | 7.5 kN/sqm  |
| Stage point load limit       | 4.5kN/100m2 |
| Stage rake                   | No          |

## Stage dimensions

### Proscenium

|               |        |
|---------------|--------|
| Width         | 9.665m |
| Height        | 5.090m |
| (Stage Depth) | 8.68m  |

### Setting Line

Located up stage of proscenium to allow for fire curtain.

### Distance From (SL = Setting Line, CL = Centre Line)

|                                     |         |
|-------------------------------------|---------|
| SL to DS edge of apron              | 2.220m  |
| SL to DS edge of Orchestra Lift/Pit | N/A     |
| <b>SL to first fly line</b>         |         |
| SL to last upstage fly line         | 6.330m  |
| SL to rear wall                     | 6.460m  |
| CL to OP wall (or obstruction)      | 4.832m  |
| CL to PS wall (or obstruction)      | 4.832m  |
| <b>Stage to underside of grid</b>   |         |
| Fly lines 1-6                       | 7.260m  |
| Fly lines 7- 17                     | 10.605m |

## Auditorium

Auditorium consists of flat removable seating down stairs, one balcony and dress circle upstairs with fixed stalls.

|                                                                |                            |                  |
|----------------------------------------------------------------|----------------------------|------------------|
| Seating capacity without orchestra lift/pit seating installed: | 312 on floor / 377 Balcony | <b>Total 689</b> |
|----------------------------------------------------------------|----------------------------|------------------|

## Orchestra Lift / Pit

Orchestra Pit: No orchestra pit available

# FLYING FACILITIES

## Fly System

Single purchase handline system

### Fly System Details

|                        |                        |                              |        |
|------------------------|------------------------|------------------------------|--------|
| Operating Position:    |                        | OP at stage level            |        |
| Total number of Lines: |                        | 17                           |        |
| Lines 1-6              | Batten Drift:          | Stage Floor to IN Position   | 1.22m  |
|                        |                        | Stage Floor to DEAD Position | 5.42m  |
|                        |                        | Stage Floor to OUT Position  | 6.08m  |
|                        | Batten Type :          | 48mm O/D                     |        |
|                        | Batten Length:         | 12m                          |        |
|                        | Batten Extensions:     | N/A                          |        |
|                        | Batten Pick-ups PS to: | 1 <sup>st</sup> Pickup       | 1.99m  |
|                        |                        | 2 <sup>nd</sup> Pickup       | 4.95m  |
|                        |                        | 3 <sup>rd</sup> Pickup       | 7.94m  |
|                        |                        | 4 <sup>th</sup> Pickup       | 10.38m |
| Lines 7-17             | Batten Drift:          | Stage Floor to IN Position   | 1.46m  |
|                        |                        | Stage Floor to DEAD Position | 5.42m  |
|                        |                        | Stage Floor to OUT Position  | 10.62m |
|                        | Batten Type:           | 48mm O/D                     |        |
|                        | Batten Length:         | 12m                          |        |
|                        | Batten Extensions:     | N/A                          |        |
|                        | Batten Pick-ups PS to: | 1 <sup>st</sup> Pickup       | .7m    |
|                        |                        | 2 <sup>nd</sup> Pickup       | 4.24m  |
|                        |                        | 3 <sup>rd</sup> Pickup       | 7.74m  |
|                        |                        | 4 <sup>th</sup> Pickup       | 11.21m |
| Batten Point Load:     |                        | 150kg                        |        |
| Batten W.L.L.:         |                        | 250kg                        |        |
| LX bars can be swung:  |                        | Yes                          |        |
| Fly bars can be swung: |                        | Yes                          |        |

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO

# HANGING PLOT

**SL:** Setting Line located up stage of proscenium to allow for fire curtain.

**Line Type:** SP = Single purchase  
 DP = Double purchase  
 MW = Motor Winch  
 HW = Hand Winch  
 HL = Handline

**W.L.L.:** Maximum distributed load including bar weight

| Line # | Distance from SL | Line Type | W.L.L | Venue Allocation              | Intended Use<br>( <i>hiring company use</i> ) |
|--------|------------------|-----------|-------|-------------------------------|-----------------------------------------------|
| 1      |                  |           |       | Legs & Borders                |                                               |
| 2      |                  |           |       | LX1                           |                                               |
| 3      |                  |           |       | Spare                         |                                               |
| 4      |                  |           |       | Front Projection              |                                               |
| 5      |                  |           |       | LX2                           |                                               |
| 6      |                  |           |       | Legs & Borders                |                                               |
| 7      |                  |           |       | French Action Tabs & Boarders |                                               |
| 8      |                  |           |       | LX3                           |                                               |
| 9      |                  |           |       | Spare                         |                                               |
| 10     |                  |           |       | Spare                         |                                               |
| 11     |                  |           |       | LX4                           |                                               |
| 12     |                  |           |       | Legs and Borders              |                                               |
| 13     |                  |           |       | LX5                           |                                               |
| 14     |                  |           |       | Legs and Borders              |                                               |
| 15     |                  |           |       | LX6                           |                                               |
| 16     |                  |           |       | French Action Rear Curtain    |                                               |
| 17     |                  |           |       | White Cyclorama               |                                               |

## DRAPERY

| Type                                                     | Material   | Colour | Width   | Height | Quantity |
|----------------------------------------------------------|------------|--------|---------|--------|----------|
| House Curtain - French Action – Variable Speed Motorised | Wool Blend | Red    | 4820mm  | 6100mm | 2        |
|                                                          |            |        |         |        |          |
| Legs                                                     | Wool       | Black  | 4.400m  | 6100mm | 10       |
|                                                          |            |        |         |        |          |
| Borders                                                  | Wool       | Black  | 12000mm | 6100mm | 5        |
|                                                          |            |        |         |        |          |
| Tabs / Smother French Action – Hand operated             | Wool       | Black  | 6100mm  | 6100mm | 4        |
|                                                          |            |        |         |        |          |

## ACCESS EQUIPMENT

### Elevated Work Platform

JLG 30AM push around, vertical lift.  
Maximum reach is **9.09m**

### EWP Restrictions

Outriggers must be always used, one staff member to be located at base whilst in use.

### Ladders

1 x 3m Fibreglass Ladder, 1 x 2m Fibreglass Ladder, 1 x 1.2 m Fibreglass Stepladder

### Staging Units

6 x 2.4m x 1.2m stage panels – 300mm / Limited 600mm heights available  
2 x 1 or 2 tread steps.

### Stage Covers

4 x 9m x 2m Tarkett rolls

### Stage Traps

3x traps located down stage, on apron.  
4x traps on PS  
4x traps on OP

## SAFETY CURTIAN

|                           |     |
|---------------------------|-----|
| Safety Curtain installed: | Yes |
|---------------------------|-----|

|                                                   |                                                             |
|---------------------------------------------------|-------------------------------------------------------------|
| Safety Curtain must always be unobstructed:       | No, with permission of duty technician.<br>Conditions apply |
| Fire curtain is installed to the proscenium wall. |                                                             |

## LOADING DOCK

### Access

Truck access is on Beveridge Street. Vehicle will need to come from McCrae Street and park flush against the building on the footpath. Footpath has been reinforced.

Primary loading dock door is closest to table lift. Secondary loading door is further from the stage, however dimensions are larger.

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Loading Dock Height       | <b>100mm from road surface to venue floor.</b><br><b>All doors have ramps.</b> |
| Primary Door Dimensions   | <b>2.12m High x 1m Wide</b>                                                    |
| Secondary Door Dimensions | <b>2.1m High x 1.8m Wide</b>                                                   |
| Table Lifter              | <b>2.5m Wide x 1.8m Deep</b><br><b>3500kg Capacity</b>                         |

### Restrictions / Obstructions

- Loading dock is not at stage level. Loading dock is at auditorium floor level.
- Maximum width available is 1.43m due to hallway.

## STAGING NOTES

- All flown items must be rigged by a licenced rigger with rated equipment and is subject to approval by venue representative.
- Access to the stage galleries is from the cross over only.
- Maximum clearance of crossover **.55m**
- Wings have structural cross bracing, limiting access up to down stage. Cross bracing is located **3.91m** to cyclorama wall, **2.55m** to proscenium.
- No additional rigging gear available in house.

# LIGHTING

## Positions

### Stage LX Bars

See hanging plot for standard LX bar locations

### FOH Truss

|                              |                                                                |
|------------------------------|----------------------------------------------------------------|
| Setting Line to lighting bar | 10.9m throw                                                    |
| Usable bar width             | 10m                                                            |
| Notes                        | Truss is suspended from 4 chain motors. SWL chain motors 250kg |

### FOH Perches A (PS & OP)

|                            |                                            |
|----------------------------|--------------------------------------------|
| Proscenium FOH Perch       | 2.48m                                      |
| Maximum lanterns per perch | 8 x Selecon Acclaims (weight restrictions) |

### FOH Perches B (PS & OP)

|                            |                                             |
|----------------------------|---------------------------------------------|
| Proscenium to FOH Perch    | 6.92m                                       |
| Maximum lanterns per perch | 8 x Selecon Acclaims ( weight restrictions) |

## CONTROL

|                                   |                                                    |
|-----------------------------------|----------------------------------------------------|
| Lighting desk                     | ETC ION XE with 20channel fader wing               |
| Control channels                  | 2048                                               |
| Signal output                     | DMX512                                             |
| Signal distribution               | Dual stream of DMX, all five pin XLR, Two Uni Node |
| Remote triggers available onstage | Yes, via Ipad                                      |

## DIMMER RACKS

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Total Dimmers                    | 84                                                                                                                          |
| Dimmer Locations                 | 5 Dimmers located on PS electrical gallery above wings, 2 dimmers located in FOH ceiling, access by venue technicians only. |
| 2.4Kw Dimmer Racks               | 7                                                                                                                           |
| Total dimmers @ 2.4kw per dimmer | 72                                                                                                                          |
| Power Distribution Jands 12X10A  | 1                                                                                                                           |

## HOUSE LIGHTS

|                      |                                    |
|----------------------|------------------------------------|
| Independent control  | Yes                                |
| Control positions    | PS Proscenium wall, foyer, Bio Box |
| Fade time adjustable | No, snap or 10 sec fade            |

# STAGE LUMINAIRES

## Profiles

| Make    | Model                                     | Angle     | Detail / Accessories | Watt  | Total |
|---------|-------------------------------------------|-----------|----------------------|-------|-------|
| Selecon | Pacific Profile                           | 12/28 deg |                      | 1000w | 15    |
| Selecon | Pacific Profile                           | 23/50 deg |                      | 1000w | 4     |
| Selecon | Acclaim Profile                           | 18/34 deg |                      | 600w  | 16    |
| Selecon | Acclaim Profile                           | 24/44 deg |                      | 600w  | 6     |
| Chavuet | Ovation E-910FC Profile –RGBAL LED hybrid | 26 deg    |                      |       | 5     |

## Fresnel's

| Make    | Model | Detail / Accessories | Watt  | Total |
|---------|-------|----------------------|-------|-------|
| Selecon | 6"    | 16 x barndoors       | 1200w | 16    |

## Par Cans

| Make     | Model          | Angle | Detail / Accessories | Watt | Total |
|----------|----------------|-------|----------------------|------|-------|
| Pro Shop | Par64S RGB LED |       | 20*3w                | 72w  | 23    |

## Cyclorama

| Make    | Model  | Detail / Accessories | Watt           | Total |
|---------|--------|----------------------|----------------|-------|
| Selecon | Aurora | 4 way Fixture        | 1250w per unit | 16    |

## Movers

| Make    | Model           | Channels | Detail / Accessories | Watt | Total |
|---------|-----------------|----------|----------------------|------|-------|
| TOURPRO | Aurora V4       | 38       | SPOT / BEAM / WASH   | 250W | 2     |
| ROBE    | Robin 600 LED   | 10-37    | Wash                 | 415w | 4     |
| TOURPRO | 180W HYBRID LED |          | SPOT / BEAM / WASH   | 180W | 4     |

## Followspot

| Make    | Model         | Angle | Detail / Accessories              | Watt  | Total |
|---------|---------------|-------|-----------------------------------|-------|-------|
| Selecon | Performer MSR |       | Positioned stage right in balcony | 1200w | 1     |

## Additional Lighting

| Item          | Make           | Model                   | Detail / Accessories | Total |
|---------------|----------------|-------------------------|----------------------|-------|
| Wash/Strobe   | Showtech       | Fusion Wash Q XLVIII 48 | DMX controlled       | 2     |
| Smoke Machine | Martin         | ZR45                    | DMX controlled       | 1     |
| Hazer         | Look Solutions | Unique 2.0              | DMX controlled       | 1     |

## Patching

| Location     | Quantity | Numbering<br>(PS to OP) | Detail / Accessories |
|--------------|----------|-------------------------|----------------------|
| Perches OP B | 6        |                         |                      |
| Perches PS A | 6        |                         |                      |
| Perches PS B | 6        |                         |                      |
| LX 1         | 12       | 12-1                    |                      |
| LX 2         | 12       |                         |                      |
| LX 3         | 12       |                         |                      |
| LX 4         | 12       |                         |                      |
| LX 5         | 12       |                         |                      |

## POWER

|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
| 3 Phase Outlets Spare | 1x Lighting gallery<br>1x PS Pros wall<br>1x PS US wall<br>1x OP Pros wall |
|-----------------------|----------------------------------------------------------------------------|

## CABLING

### 240v Extension Cable:

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig. Any additional equipment will require additional cable stock to be sourced.

## Lighting Notes

- DMX Universe 1 – Dimmers + FOH Bar
- DMX Universe 2 – Intelligent lighting fixtures
- Both universes have Jands DD8 DMX splitter.
- All DMX 5pin XLR.

# AUDIO

## Control Positions

### Control Room/ Bio Box

Dedicated mix position for Audio /LX, rear of ground floor auditorium, no seats pulled.

### Auditorium

Temporary mix position behind audience in open space

### Other

OP/PS Stage.

## Control and Amplification

### Audio Console

- Allen & Heath SQ6 plus 48ch Stage Box

### Amplifiers

|                               |                                                                |
|-------------------------------|----------------------------------------------------------------|
| FOH                           | 1 x MC 2 Audio T3500, 3 x MC2 Audio T1500, 2 x MC2 Audio T1000 |
| EQ                            | On Board SQ6 Only                                              |
| FX                            | On Board SQ6 Only                                              |
| Compression / Limiter / Gates | On Board SQ6 Only                                              |

## SPEAKER SYSTEM

|                              |                    |              |              |
|------------------------------|--------------------|--------------|--------------|
| FOH Speakers<br>Funktion One | Ground Floor       |              |              |
|                              | Left               | 1x Res 1.5   | Funktion One |
|                              | Centre             | 1x AX88      | Funktion One |
|                              | Right              | 1x Res 1.5   | Funktion One |
|                              | Subs               | 2x F121      | Funktion One |
|                              | Front Fill         | 4x F55       | Funktion One |
|                              | Under Balcony Fill | 5x Control 1 | JBL          |
|                              | Balcony            |              |              |
|                              | Left               | 1x Res 1.5   | Funktion One |
|                              | Right              | 1x Res 1.5   | Funktion One |
|                              | Centre Delay       | 1x F88       | Funktion One |
| Foldback                     | 2x RCF ART 315a    |              |              |
|                              | 4x HK DARTs        |              |              |

## Microphones

| Make       | Model    | Detail / Accessories            | Use                | Total |
|------------|----------|---------------------------------|--------------------|-------|
| Sennheiser | E609     | Instrument                      | Guitar             | 1     |
| Sennheiser | E945     | Cardioid Vocal                  | Vocal              | 8     |
| Sennheiser | E914     | Condenser Instrument            | Overhead, hats.    | 6     |
| Shure      | 393C     | PZM Cardioid                    | Boundary           | 2     |
| Sennheiser | E902     | Kick drum                       | Kick               | 1     |
| Sennheiser | E904     | Compact drum microphone         | Rack               | 4     |
| Sennheiser | EW500    | Handheld 965, G-band 566-608MHz | Vocal              | 4     |
| Sennheiser | EW500    | Lapel, G-band 566-608MHz        |                    | 1     |
| Sennheiser | E815s    | switched                        | Vocal              | 1     |
| Sennheiser | E845     | Vocal Microphone                | Vocal              | 2     |
| Shure      | SM58     | Vocal Microphone                | Vocal              | 1     |
| Shure      | SM57Beta | Microphone                      | Instrument         | 4     |
| AKG        | GN50E    |                                 | Lectern Mic (50cm) | 2     |
| BSS        | AR133    | Active DI Box                   |                    | 4     |
| OnStage    | DB1100   | Active DI Box                   |                    | 1     |
| Whirlwind  | PCDI     | Passive DI Box                  |                    | 4     |
| LEEM       | NDR-40   | Passive DI Box                  |                    | 1     |

## Accessories

| Item             | Model      | Detail / Accessories                     | Total |
|------------------|------------|------------------------------------------|-------|
| Microphone stand | K&M 320/8B | Boom stand, heavy cast base, black       | 14    |
| Microphone stand | K&M 259B   | Short boom stand, heavy case base, black | 4     |
| Microphone stand | K&M        | Round base / Straight                    | 5     |

## Cable Infrastructure Patching

| Location From | Location To | QTY                   | Type     | Label |
|---------------|-------------|-----------------------|----------|-------|
| Stage         | Bio Box     | 24/8(+12 via FOH mix) | Analogue |       |
| Stage         | FOH Mix     | 16/16                 | Analogue |       |
| Stage         | FOH Mix     | 9                     | Cat5e    |       |

|         |         |   |       |  |
|---------|---------|---|-------|--|
| Stage   | FOH Mix | 3 | Cat6  |  |
| Stage   | Comms   | 4 | Cat5e |  |
| Bio Box | Comms   | 4 | Cat5e |  |

## Cabling

### Audio Cable

Good stock of cable available for venues equipment.

### Multicore

1 x 30m 24/4 multicore with stage box.

1 x 20m 24/4 multicore with stage box.

1 x 10m 12/4 multicore with stage box.

## AUDIO NOTES

FOH processing is managed through Sound Web blu100. FOH audio has been designed for even sound distribution, and capable of supporting rock events. System tuned March 2024

## AUDIO VISUAL

### CONTROL ROOM

AV can be controlled from the following areas

1. Control room / bio box rear of Auditorium
2. Onstage stage left

## Projectors

| Type  | Model      | Detail / Accessories      | Total |
|-------|------------|---------------------------|-------|
| EPSON | EB PU2216B | ELPLU04 SHORT THROW LENSE |       |

## Screens

### Projection Screen

- Projection onto cwc.

## AV Playback Equipment – Available on Request

| Item        | Model          | Detail / Accessories | Total |
|-------------|----------------|----------------------|-------|
| Dell Laptop | Latitude E6540 |                      | 1     |
| MacBook Pro | M3PRO 14"      | Q-Labs available     | 1     |

## Projector Rigging Points

### Front Projection

Projector has mounting assembly and standard rigging position is horizontal on fly line #4 bar. Can be rigged on other fly bars at client's request

### Rear Projection

Projector flown from fly line seventeen (17) or floor mounted on a road case

### Cabling

10base-T through cat6e from FOH mix position or HDMI/10base-T from stage P.S.

### Audio Visual Notes

Stage cross over limits rear projection throws.

## BACKSTAGE

### Communications

#### Talkback

|                      |                                         |
|----------------------|-----------------------------------------|
| Master Unit          | LaON BS 100 system running two networks |
| Total sub stations   | 10x belt packs                          |
| Total headsets       | 10 x headsets                           |
| Radio Units In-house | 10x radio units                         |

### Paging / Show relay

Show Relay available to dressing rooms.

### Stage Monitor

- Available dressing rooms and PS proscenium wall beside SM position.
- IR not available.

## DRESSING ROOMS

| Dressing Room | Capacity | Details              |
|---------------|----------|----------------------|
| 1             | 6        | 13.5m2               |
| 2             | 2        | Laundry / Linen Room |
| 3             | 2        | 5.5m2                |
| 4             | 2        | 6.8m2                |
| 5             | 10+      | 21.6m2               |

|         |   |  |
|---------|---|--|
| Showers | 3 |  |
| Toilets | 4 |  |

|                         |                  |
|-------------------------|------------------|
| Tea / Coffee facilities | Yes              |
| Fridge / freezer        | Fridge available |
| Microwave               | Yes              |
| Running water           | Yes              |

**NOTE:** Two (2) meeting rooms that can be used as chorus dressing rooms if required – direct access to stage

## Laundry / Wardrobe

|                      |    |
|----------------------|----|
| Washing Machines     | 1  |
| Dryers               | 1  |
| Drying rooms         | No |
| Iron / ironing board | 1  |
| Clothes racks        | 2  |

## Production Desk

No, however portable table can be installed by request

## Phone

No.

## Fax

No

## Access to phone for internet access

Internet accesses via Wi-fi, conditions apply.

## Stage Door

### Access

Via Beveridge Street, parking on reinforced footpath. Loading dock door is closest door to lane way.

## Additional facilities and information

## Orchestral

1 x Hoffman Baby Grand Piano. Tuning fees apply.

## Rehearsal Space

Meeting Room 2 carpeted room, upstairs, close to dressing rooms, 10 x 8.7m

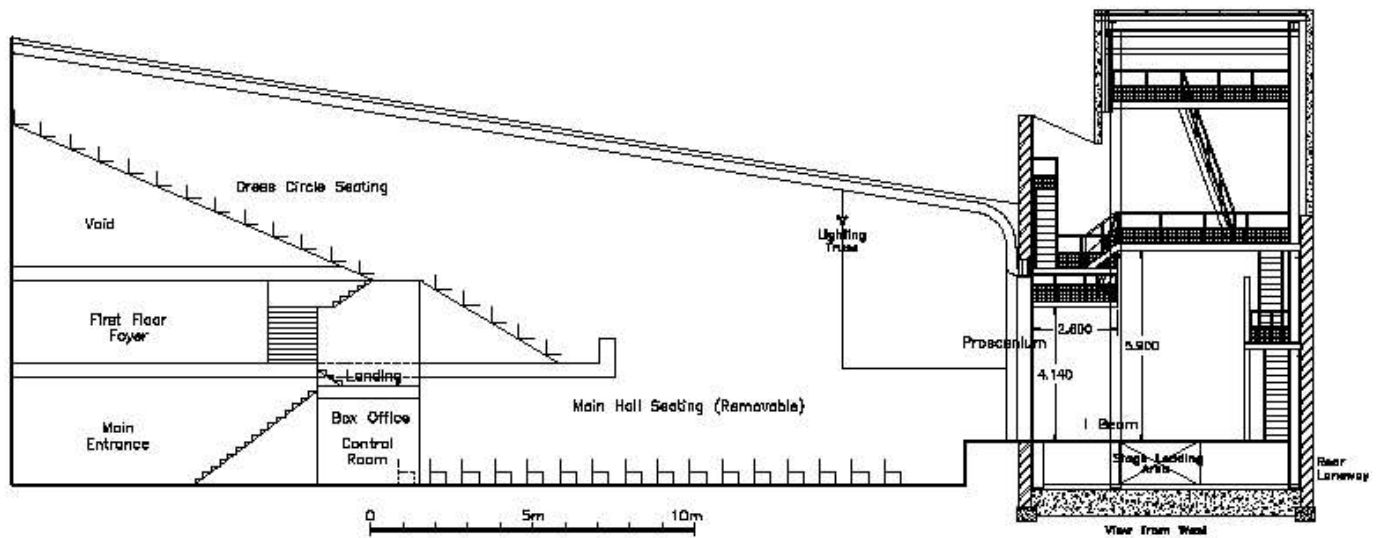
## Venue Contacts

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| Venue Address                     | 53-57 McCallum Street, Swan Hill, Vic 3585. |
| Venue Postal Address              | Po Box 488, Swan Hill, 3585                 |
| Technical Co-ordinator            | Peter MacDonald                             |
| Technical Co-ordinator – Landline | 03 5036 2443                                |
| Technical Co-ordinator - Mobile   | 0474 516552                                 |
| Technical Co-ordinator - Email    | peter.macdonald@swanhill.vic.gov.au         |
| Venue Technician                  | Paul Smith                                  |
| Venue Technician - Landline       | 03 5036 2441                                |
| Venue Technician - Mobile         | 0408 857874                                 |
| Venue Technician – Email          | psmith@swanhill.vic.gov.au                  |

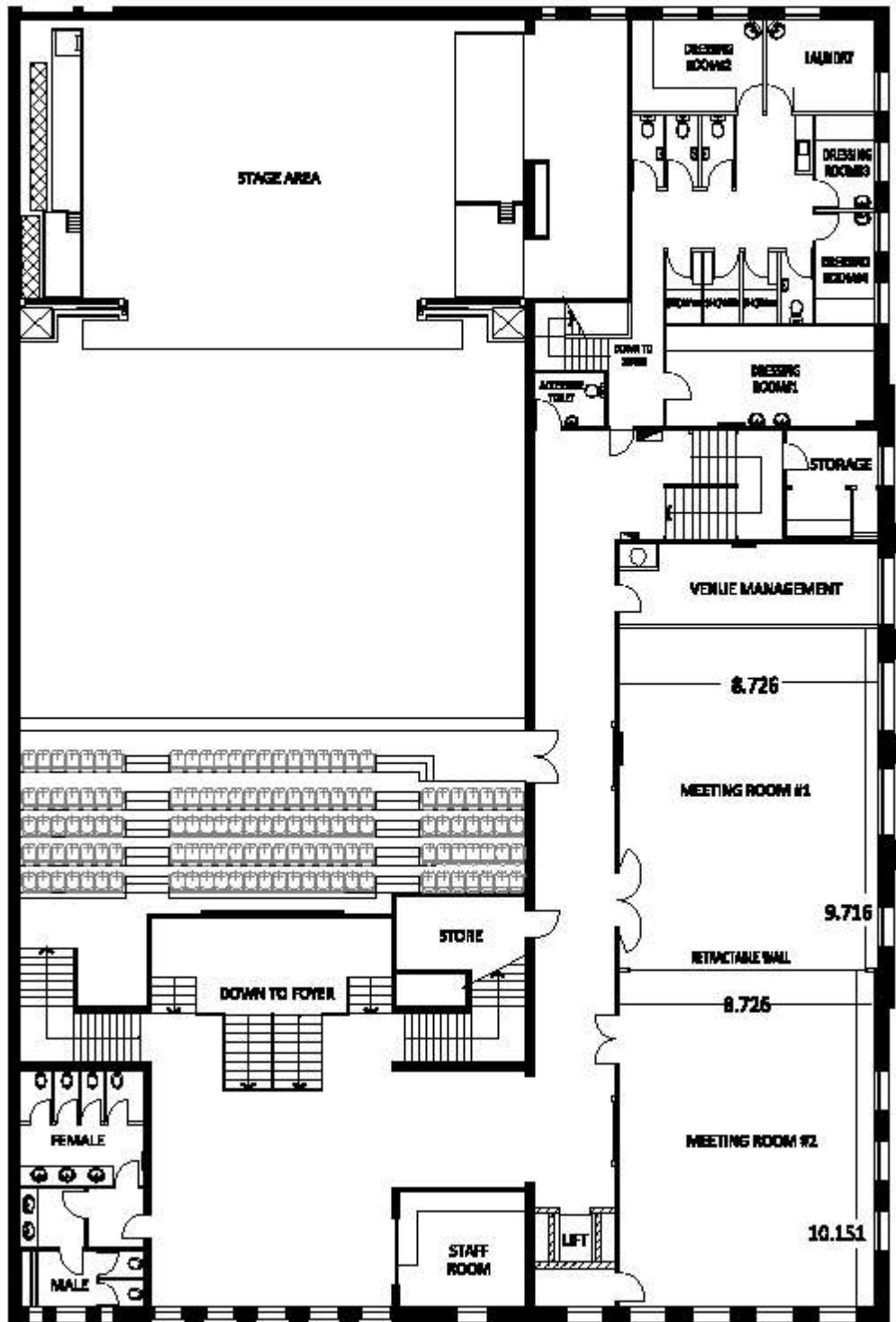
## Venue Plans

Venue plans are available in DWG format on request.

# OVERALL CROSS SECTIONAL VIEW



# SWAN HILL TOWN HALL PACC 1ST FLOOR PLAN



### GROUND FLOOR PLAN

