REDLAND PERFORMING ARTS CENTRE

EVENTS HALL TECHNICAL SPECIFICATIONS

TECHNICAL MANAGER
Monique Silversides
Monique.Silversides@redland.qld.gov.au
07 3829 8583

PRODUCTION CO-ORINATOR
Tiana Ling
Tiana.Ling@redland.qld.gov.au
07 3829 8131

Redland CITY COUNCIL | redland performing arts centre

GENERAL INFORMATION

THE EVENTS HALL

The Events Hall, previously called the Gallery, is an open, multifunctional space that can be used for a variety of events. A wide, carpeted floor can be used as a space for vendors, meeting tables or audience members, while a small stage can be setup for an intimate performance.

THEATRE ACCESS

The Events Hall can be accessed either via the loading dock behind the building or through the Auditorium foyer.

LOADING DOCK

The Events Hall can use the Auditorium loading dock for dropping off equipment. Access to the Auditorium loading dock is through the parking lot and up the side of the building to the end.

Loading dock door: 1.4m wide x 2.1m high

DRESSING ROOMS

The Events Hall does not come with a dressing room as part of the standard setup, however space can be allocated for one if required. This temporary dressing space would come with coat racks and a mirror.

KITCHEN

Located close by is a kitchen which can be used for the purpose of storing food, microwaving food, getting water or making tea and coffee. Note that this kitchen cannot be used as a green room space.

DISABLITY ACCESS

The Events Hall is fully accessible to anyone requiring special access. A ramp is permanently setup for access to and from the stage.

LAUNDRY FACILITIES

A washer and dryer are located across the building in the Concert Hall. If required, pending availability, these can be used. An ironing board, iron and garment steamer are available for use in the Events Hall on request.

AIR CONDITIONING

The Auditorium and Events Hall are both air conditioned. Air flow reaches onto the stage, dressing room and control room. The temperature is adjusted automatically.

SMOKING

RPAC is a non-smoking venue. Smoking can only take place in designated smoking areas, one of which is located outside by the loading dock.

WI-FI

RPAC has wi-fi that can be accessed in the Events Hall. The password can be supplied on request.

HEALTH & SAFETY

WORKING AT RPAC

As a requirement of using the space, anyone working at RPAC must adhere to safe work practices. A venue induction will be given to all visitors to RPAC before their performance commences which will explain the fire evacuation procedure and specific rules.

RISK ASSESSMENT

A risk assessment must be provided prior to arriving at RPAC. Failure to do so may cause delays on arrival.

TEST AND TAG

All electrical equipment being used must have an up to date test and tag. Any equipment that is not tagged will not be permitted to be plugged in. Some staff at RPAC are trained to issue temporary tags. If they are available, this can be organized for a fee.

NOISE LEVELS

Noise during sound checks and performances are closely monitored. If levels exceed 110db, and sound is being operated by a non-RPAC technician, a warning will be given to them. Failure to limit excess noise after this could result in a stopped performance.

FIRE RETARDANT

Any flammable set pieces must be sprayed with fire retardant before arrival to the venue. Set pieces that have not been protected this way may not be allowed on stage.

ISOLATING VENUE

RPAC is equipped with a smoke detection system. Using any type of stage atmospherics will require the venue to be isolated. Isolation can be done at any time for any length of time by the duty technician. If a visitor sets off the fire alarms as a result of using equipment before the venue is isolated, the accompanying fine will be passed on to them.

FIRST AID

All RPAC staff are first aid trained. A first aid kit is located in the kitchen.

ASSISTED HEARING SYSTEM

The Events Hall is equipped with an infrared assistive hearing system. Hearing loops are provided to patrons who require them as they collect their tickets from the box office.

WORKSHOP

A workshop space is available across the building in the Concert Hall, which has access to an assortment of hand and powered tools. Pending availability, this area may be used. All RPAC staff are trained to use these tools and can assist where required. Other competent persons may be allowed to use certain tools if required.

VENUE SETUPS

SEATING MODE

The Events Hall can be set up in a variety of ways. If the stage is being used, seating mode is the default. Two rows of seats are spread down the room, leaving gaps for wheelchair patrons and existing Events Hall infrastructure.

TABLE MODE

With this setup, up to 10 tables with 12 chairs each are spread down the room.

Chairs could be spread all the way around the tables, removing the gap that faces stage if preferred.

STAGE DIMENSIONS

In the standard setup, the dimensions are as follows:

Stage width DS: 6.84m
Stage width US: 4.2m
Stage depth: 5.92m
Height from floor to stage: 0.4m

Floor width DS: 7.15m
Floor width CS: 14.15m
Floor width US: 9.45m
Floor depth: 21.85m

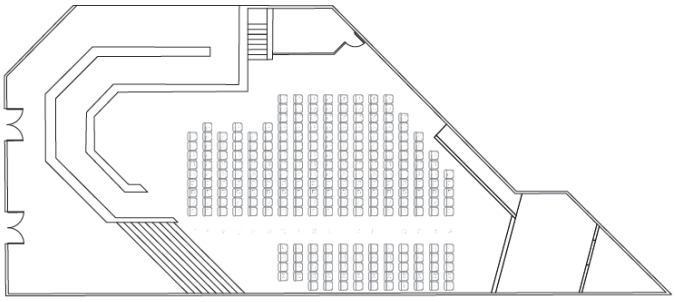
SEATING

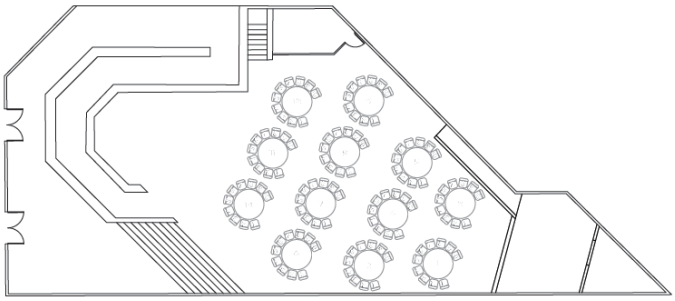
Depending on the stage configuration, the Events Hall can fit the following number of seats:

Seating mode: 240
Table mode: 120
Standing mode: 300

THEATRE PLANS

Small versions of the stage and masking plans are in this document on page 9 and 10. Larger plans are available on request from the Technical Manager.





ACCOMODATING OTHER SETUPS

Depending on what is required, the Events Hall can be configured in other ways not mentioned here.

The Events Hall is designed as a flexible space for shows, meetings, conferences and exhibitions, but many other setups can be accommodated if required.

LIGHTING INFORMATION

LIGHTING FIXTURES

The following equipment comes as part of the Events Hall's standard rig:
- *4x* Prolite 1k PC
- *4x* Prolite 650w PC

Pending availability, some additional lights may be borrowed from other venues at RPAC. Some examples include:
- *2x* ETC 750w 19˚ S4 Profile
- *16x* ETC 750w 26˚ S4 Profile
- *6x* ETC 750w 50˚ S4 Profile
- *28x* ETC 750w S4 Par
- *30x* Event Lighting QUAD-18 LED Par

Various other lights not mentioned here may be available from other RPAC venues, again pending availability.

RIGGING POINTS

Rigging points for lights are limited in the Events Hall. Available points are:
- *1x* Overhead bars (3m wide)
- *1x* FOH bar (1.5m wide)
- *2x* Pipe extension (along the PS wall off stage, 0.5m)
- *3x* Pipe extension (along the OP wall off stage, 0.5m)

LIGHTING CONTROL

The following equipment comes as part of the Events Hall's standard setup:
- *1x* ETC Express 250
- *1x* dimmer rack located back stage
- *1x* universe of DMX sent to the ops position

The Express is setup at the ops position, located at the back of the Events Hall. Alternate positions for the desk are difficult but possible if necessary.

BOOMS

A maximum of six booms can be setup if required. The boom bars sit at 3.25m tall.

GELS AND ACCESSORIES

RPAC has an extensive stock of gels which can be cut to various sizes on request. Anything that is already in stock can be used where required. Acquiring special colours will incur a charge.

Barn doors and gel holders are also available for all fixtures.

HOUSE LIGHTS

The Events Hall house lights are controlled via a switch on the upper foyer. The lights can also be turned on and dimmed via the Express lighting desk. Please note that once the desk is turned on, it will override the switch on the upper foyer and prevent it from being used.

LIGHTING PLAN

A small version of the lighting plan is in this document on page 11. A larger plan is available on request from the Technical Manager.

AUDIO INFORMATION

SPEAKERS
The following equipment is part of the Auditorium's standard setup:
- *2x* Yamaha 21121V Loudspeaker for FOH PA

MONITORS
The following equipment is available for use if needed:
- *2x* AT NR4800 monitor
- *6x* Eona ADRAudio subwoofer

Other equipment not listed here may be available from other RPAC venues, pending availability.

AUDIO CONTROL
The following equipment comes as part of the Events Hall's standard setup:
- *1x* Yamaha QL1 desk (32 channels)

MICROPHONES
All microphones are hired at an extra cost:
- *2x* Audio Technica ATM610
- *4x* Audio Technica ATM650
- *1x* Shure Beta 52s
- *1x* Shure Beta 56a
- *1x* Beyer M88
- *10x* Shure SM57
- *9x* Shure SM58
- *6x* Shure SM58a
- *16x* Audio Technica AT853
- *12x* Rode NT5
- *8x* Shure SLX2
- *4x* Shure SLX1 Beltpack

STANDS
Stands are available to use where needed:
- *8x* table stands
- *8x* round base stands
- *18x* short boom stands
- *25x* tall boom stands
- *2x* very tall boom stands

DI BOXES
An assortment of stereo and active DIs are available for use at an extra cost.

SPEAKER PLAN
A small version of the speaker plan is in this document on page 12. A larger plan is available on request from the Technical Manager.

VISION INFORMATION

PROJECTORS

The Events Hall does not come with any vision equipment as part of the standard setup. Any projectors must be hired at an extra cost.

Panasonic PT-DW11KE x 1
- DLP Projector
- 11k Lumens
- 1355x768 (16:9) resolution
- Fixed short throw lens (0.8 : 1 ratio)
- Short throw zoom lens (1.0-1.2 : 1 ratio)
- Long throw zoom lens (1.4-1.9 : 1 ratio)

Epson EB-2265U x 2
- LCD Projector
- 5.5k lumens
- 1920x1200 (16:10) resolution
- Default lens (1.38 : 1 – 2.28 : 1 ratio)

SURFACES

There is one projection surface available for use in the Events Hall which can be hired at an extra cost.

Stumpfl Screen
- Frame which can hold a front or rear projected surface, both of which are available
- The frame is free standing and can either sit just on the ground or raised up to 1m from the floor. A skirt can be provided to cover the gap in this case.
- 3.85m x 2.95m (12’ 8” x 9’ 8”) 16:9 surface

SCREENS

For a portable option, some screens are available at an extra cost, all of which can be free standing or attached to a frame with wheels.
- *1x* LG 55” LCD TV
- *2x* LG 65” LCD TV

VISION SWITCHERS AND EXTENDERS

A Roland V800HD MKII Video Switcher is available for use at RPAC for an extra cost. It contains 4 inputs and 4 outputs through HDMI to DVI (cables are provided) as well as a preview monitor.

Several HDBT transmitters and receivers are available for use to extend HDMI signals over a long distance.

Some HDMI splitters are also available, which can be used to split a single HDMI signal to four separate screens.

PLAYBACK

A MacBook Pro is available to use with the following AV playback software:
- *QLab 4* (free version, allows display of images and video without any manipulation. Full version can be hired at an extra cost)
- *ProVideoPlayer 2*

DVD and Blu-ray players are also available if required.

STAGING INFORMATION

MASKING

The Events Hall has black drapes permanently rigged to the walls around the stage and 5m out into the floor space. There is no space available onstage for a curtain or extra masking.

MOTORISED FLYING AND RIGGING

The overhead stage bars are not rated and cannot be used to rig anything with significant weight.

One structural bar above the Events Hall floor, can be used for rigging. Note however that this bar has a wide circumference, meaning it is only useful for straps.

STAGE RISERS

RPAC has several 1m x 2m risers which can be hired at an extra cost. They can be set with legs at a height of either 300mm, 450mm or 600mm. Skirts, treads and kick rails are also provided.

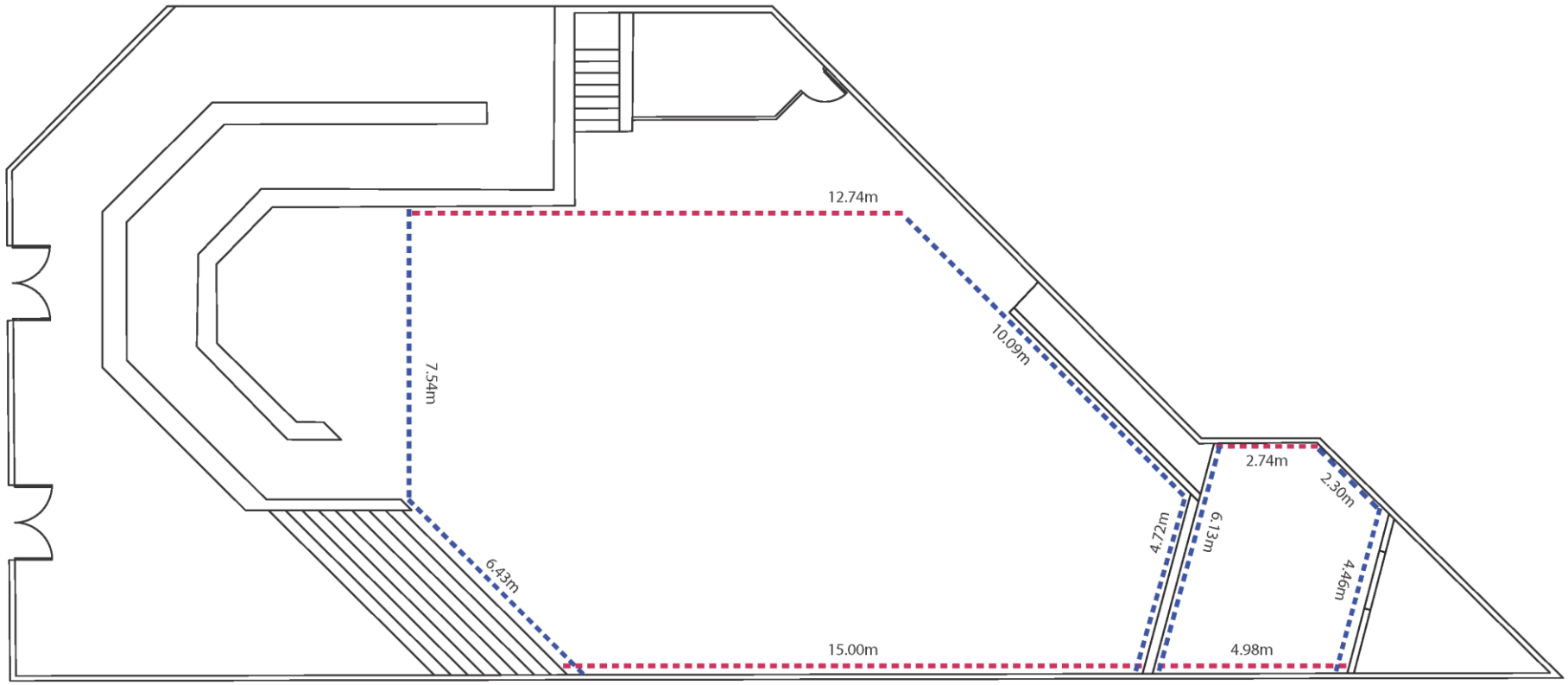
TABLES AND ROSTRA

1.2m trestle tables and 0.75m square tables are available if required. Table cloths, if needed, can be hired at an extra cost.

A collection of rostra blocks and plinths are also available, but are in various shapes and sizes.

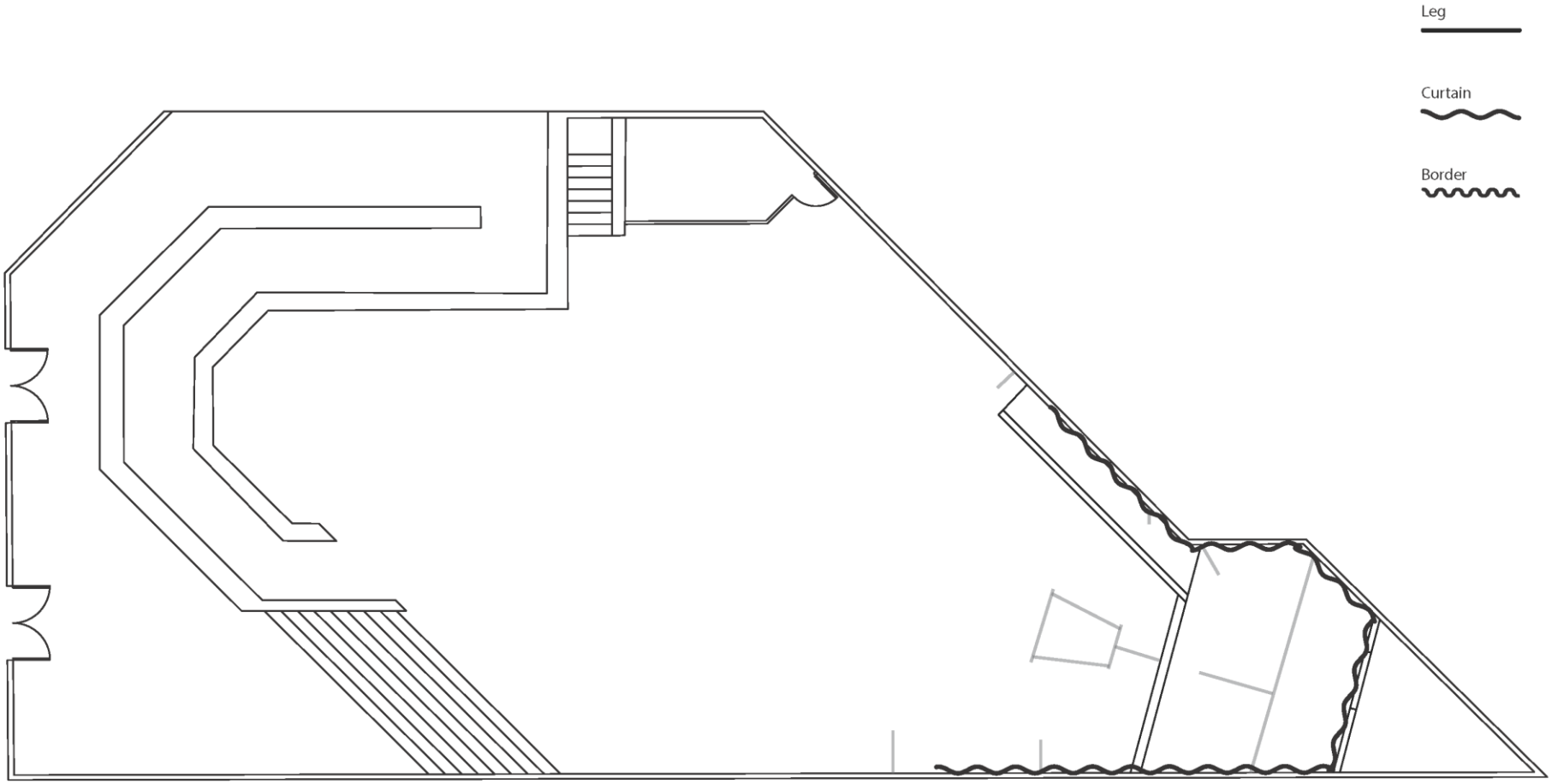
SCREWING INTO THE FLOOR

Putting screws into floor is prohibited as the Events Hall floor and stage are fully carpeted. Sandbags can be provided if required and are the recommended alternative.



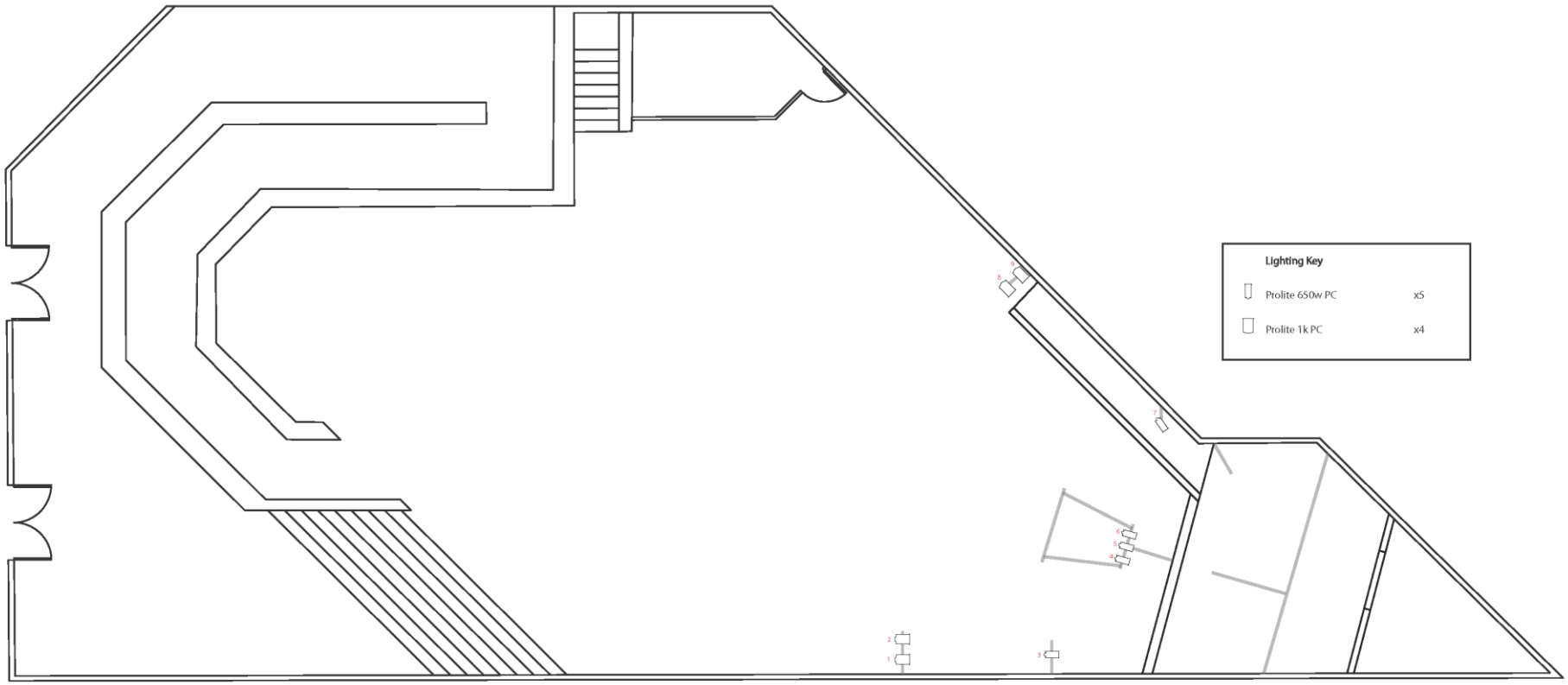
redland performing arts centre
RPAC Technical Department
E: RPACBoxOffice@redland.qld.gov.au
P: (07) 3829 8583

Drawing:	Events Hall Measurements	Scale:	1:1
Plan By:	JM (07/2014)	Date:	14/05/20
Edit By:	JG (05/2020)	Version:	2020



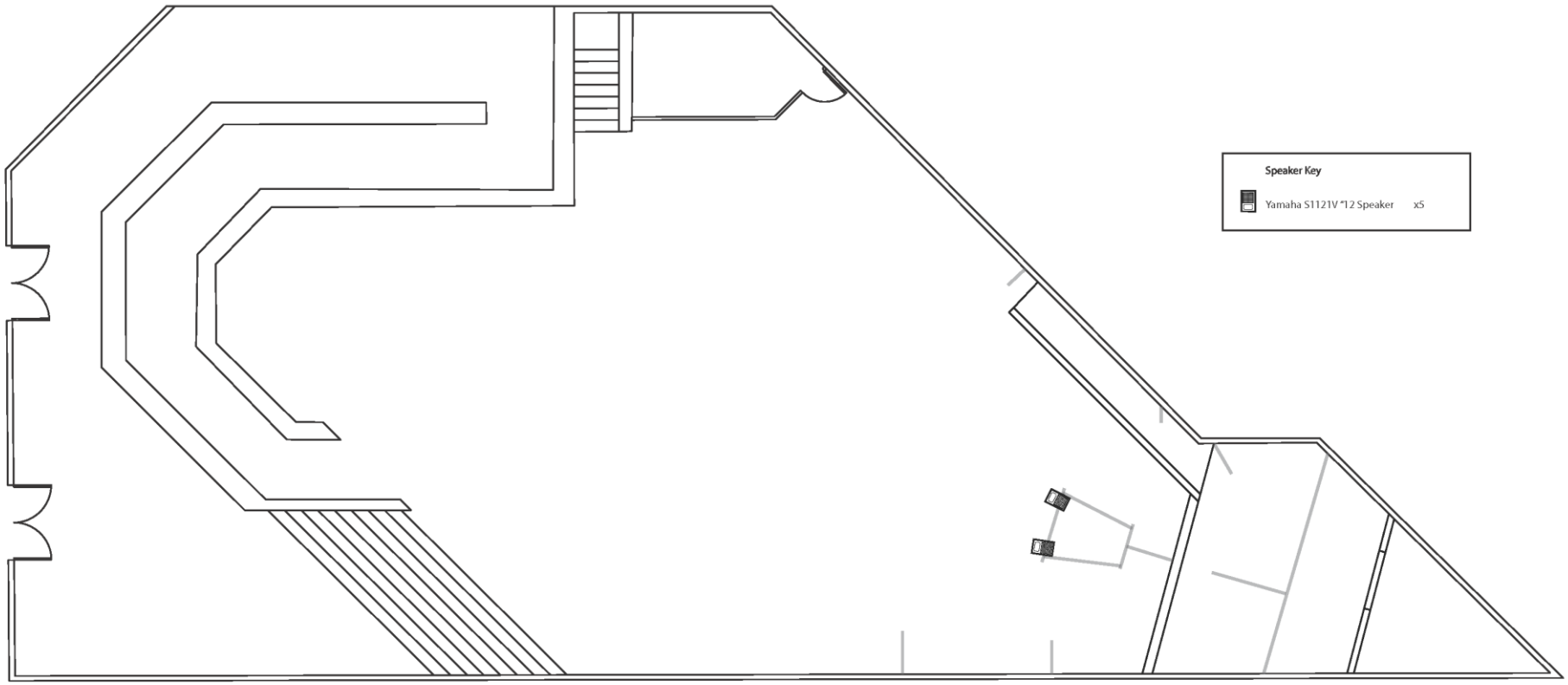
Redland CITY COUNCIL
redland performing arts centre
RPAC Technical Department
E: RPACBoxOffice@redland.qld.gov.au
P: (07) 3829 8583

Drawing:	Events Hall Masking Plan	Scale:	1:1
Plan By:	JM (07/2014)	Date:	14/05/20
Edit By:	JG (05/2020)	Version:	2020



Redland CITY COUNCIL
redland performing arts centre
RPAC Technical Department
E: RPACBoxOffice@redland.qld.gov.au
P: (07) 3829 8583

Drawing:	Events Hall Lighting Plan	Scale:	1:1
Plan By:	JM (07/2014)	Date:	14/05/20
Edit By:	JG (05/2020)	Version:	2020



Redland CITY COUNCIL
redland performing arts centre
RPAC Technical Department
E: RPACBoxOffice@redland.qld.gov.au
P: (07) 3829 8583

Drawing:	Events Hall Speaker Plan	Scale:	1:1
Plan By:	JM (07/2014)	Date:	14/05/20
Edit By:	JG (05/2020)	Version:	2020