



# THE SUBSTATION

VENUE TECHNICAL SPECIFICATION

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# ABOUT THE VENUE

The SUBSTATION is one of Melbourne's newest and most exciting arts destinations, and is quickly establishing a name for itself as a vibrant artistic hub for the people of Hobsons Bay and beyond.

After a 15 year restoration process led by a small band of committed volunteers, The SUBSTATION opened in 2008 as Melbourne's newest community-based, contemporary arts venue. It aspires to be one of Melbourne's leading presenters of the Arts across all art forms, and boasts a 250 seat, flexible performance space, creative development studio, visual arts workshops & studio spaces, as well as the western suburbs' most extensive gallery space.

The SUBSTATION seeks to establish a unique brand of programming that seamless brings together innovative community-based projects and the best of contemporary arts programming.

With a firm commitment to making the Arts accessible to all, The SUBSTATION aims to enhance our community's appreciation and knowledge of the Arts through encouraging active participation in public programs, such as classes, forums, a schools program, artists' talks and more, as well as exposing our audiences to challenging, thought-provoking and stimulating artistic experiences.

# ABOUT THE BUILDING

The Newport SUBSTATION was built in 1915 for the purpose of converting electricity from AC (alternating current) to DC (direct current) to electrify the suburban rail system in the local area. After ceasing operations in 1967 the Newport SUBSTATION was used for a brief time as the railways upholstery workshop, in 1969 the building was finally locked up.

Over the years that followed the building closure, vandals and thieves entered the building and damaged or removed almost all of the remaining electrical equipment and fittings. Almost every window pane was broken, ceramic insulators were smashed for the copper rods inside, lead flashing was removed from the roof, decorative tiling removed from walls, original signs and anything of value were stolen from the site.

By the 1990's the building had become derelict. The roof structure had deteriorated and the downpipes blocked with asphalt. In 1996 two local residents, Nigel Edwards and Darren Williams developed the idea of restoring and adapting the Newport SUBSTATION into a community arts facility. Over the years that followed the two established an Incorporated Association the "Hobsons Bay Community Arts Centre" and secured a twenty-five year lease on the building and the land surrounding it.

The Hobsons Bay Community Arts Centre Inc. embarked on its restoration program in March 2001 with a "Work for the Dole" program in partnership with Victoria University and supported by the Federal Government. This program ran for nine months on a part-time basis. During that time the site was cleaned and fall protection was installed around the building. In early 2002 the association was successful in securing funding from the State Government to conduct a Community Jobs program. Hobsons Bay City Council also provided financial and administrative support.

The works program was a huge undertaking for a community organisation and was managed and supervised solely by volunteer staff. The outcomes achieved for both the participants and the completion of restoration activities were staggering, with the works undertaken by these staff still a central part of the building's success today.

## VENUE DETAILS

<b>Venue Address</b>	1 Market Street, Newport VIC 3015
<b>Venue Phone No.</b>	(03) 9391 1110
<b>Venue Website</b>	<a href="http://www.thesubstation.org.au">http://www.thesubstation.org.au</a>
<b>Venue Email</b>	<a href="mailto:info@thesubstation.org.au">info@thesubstation.org.au</a>
<b>Melways Reference</b>	55 J5
<b>Google Map Link</b>	<a href="https://goo.gl/maps/3Yvlw">https://goo.gl/maps/3Yvlw</a>

## VENUE CONTACTS

<b>Name</b>	Brad Spolding
<b>Role</b>	Director – The SUBSTATION
<b>Phone Number</b>	(03) 9391 1110 or 0407 977 905
<b>Email Address</b>	<a href="mailto:director@thesubstation.org.au">director@thesubstation.org.au</a>

<b>Name</b>	Marisa Fiume
<b>Role</b>	Events Coordinator – The SUBSTATION
<b>Phone Number</b>	(03) 9391 1110 or 0405 553 004
<b>Email Address</b>	<a href="mailto:marisa.fiume@thesubstation.org.au">marisa.fiume@thesubstation.org.au</a>

## EMERGENCY CONTACTS

<b>Fire/Police/Ambulance</b>	In an emergency, always call 000 Williamstown Police Station: (03) 93939555
<b>Security</b>	Security Innovations (Vic) Pty Ltd: (03) 9315 8903
<b>After Hours Contact</b>	Paul Taig – Venue Caretaker: 0402 543 095 IN EMERGENCIES ONLY



# ROOM SPECIFICATIONS - MAIN HALL

<b>Room</b>	Main Hall
<b>Location in Venue</b>	Level 1
<b>Length of Room</b>	From back of low ceiling area to red curtain: 27,495mm
<b>Width of Room</b>	From inset brick pillar to opposite inset brick pillar: 9,675mm From window to glass door opposite: 11,775mm
<b>Height – Floor to Ceiling</b>	From floor to underside of I-beam: 8883mm
<b>Height – to Underside of Grid</b>	Truss 1 and 2 (FOH): 6200mm from floor to underside of bottom cord Truss 3 (Spine Truss): 6850mm from floor to underside of bottom cord (this is the dead out – with the motor position, the truss cannot go out further)
<b>Floor</b>	Lacquered blonde timber floor laid over concrete slab (non-sprung)
<b>Loading Dock/Access</b>	Access via Main Entry and Lift to Level 1 (see Building Access)
<b>Access Doorways</b>	There are 7 doors into the Space: all measure 1640mm x 2385mm
<b>Blackout</b>	Full blackout is difficult – there are large windows throughout the space
<b>Room Lighting</b>	3 x Hibays controlled from switches at the non-lift end of the hallway passage
<b>Room Drapes</b>	Black half-height drapes (Studio End): floor to 4m (underside of Studio Level) and from 4m to 8m (covering windows of Studio Level) Red full-height drapes (Foyer End) and Black full-height drapes (Foyer End) Red full-height drapes on all windows and glass doors
<b>Emergency Exits</b>	Nearest emergency exits are at opposite end of the corridor when exiting out through any of the glass doors into the corridor
<b>Climate Control</b>	No cooling in the building, some wall heaters and hydronic heating
<b>Power</b>	No GPOs in the room, but 7 x double 10A GPOs in corridor immediately adjacent to each set of glass doors
<b>Facilities Available</b>	Toilets (male, female, accessible) in adjacent corridor 2 meeting rooms available as dressing rooms/auxiliary spaces, dependant on availability
<b>Storage Available</b>	Some storage is available, depending on the venue set-up in the BOH Area and the Low-Ceiling Height Area
<b>Internet Access</b>	Internet access is available for hirers, subject to usage conditions

# ROOM SPECIFICATIONS - DANCE STUDIO

<b>Room</b>	Dance Studio
<b>Location in Venue</b>	Level 2
<b>Length of Room</b>	From glass windows (mirrors) to glass windows (main hall): 8,685mm
<b>Width of Room</b>	From glass window to glass window: 11,523 mm From inset brick pillar to opposite inset brick pillar: 9,660mm
<b>Height – Floor to Ceiling</b>	4572mm to lowest roof beam; 5077mm across most of the room
<b>Floor</b>	Lacquered blonde timber floor laid over concrete slab (non-sprung)
<b>Loading Dock/Access</b>	Access via Main Entry and Lift to Level 2 (see Building Access)
<b>Access Doorways</b>	Arched door: 1000mm wide, 2135mm at lowest point of arch (side)
<b>Blackout</b>	Full blackout is difficult – there are large windows throughout the space
<b>Room Lighting</b>	4 x fluoros controlled from switch in hallway
<b>Room Drapes</b>	Red drapes on all windows (not on full glass window into Main Hall) Black drapes on other side of glass windows looking into Main Hall
<b>Mirrors</b>	Wall of sliding mirror panels - 2.7m high, 8.5m long when fully in
<b>Emergency Exits</b>	Down stairs at either end of corridor to exits on Ground Level
<b>Climate Control</b>	No cooling in the building, some wall heaters and hydronic heating
<b>Power</b>	2 x double 10A GPOs – one at each end of the room
<b>Facilities Available</b>	Toilets (male, female, accessible) in adjacent corridor
<b>Storage Available</b>	Some storage on Ground Level may be available
<b>Internet Access</b>	Internet access is available for hirers, subject to usage conditions

# LIGHTING EQUIPMENT – OVERVIEW

All lighting equipment will be supplied complete with accessories (colour frame, barn-doors/shutters, lamp and safety chain/cable). If any of these items are not with equipment at the conclusion of the hire, the hirer may be charged.

All equipment will be in good working order at the commencement of the hire – if an item is not working, please advise the Venue Manager immediately.

All requests for equipment must be made in writing to the Venue Manager. The equipment availability is based on a first come first serve basis and may incur hire charges. Any equipment that is damaged by use from a hirer will incur repair or replacement charges. Additional lighting requirements may be arranged, please discuss requirements with the Venue Manager (charges may apply).

**Control** LSC Maxim 36/72

**Dimmers** Main Space: 48 x channels Jands 2.4kW digital dimmers (hardwired)  
Dance Studio: No permanent dimmers

**Looms** Main Space: 7 x custom patch headers are located at regular intervals along the Eastern wall of the venue. Each header houses: 2 x 6-way Weiland headers, 2 x motor control Weiland headers, 1 x 5-pin DMX point.  
Dance Studio: No permanent looms

**Cable Stock** Small stock at various lengths of 240V, 10A cable. Should your project require additional cable runs, we can arrange a hire for you (charges may apply)

**Lighting Bars/Positions** Main Space: 2 x FOH Truss Runs, 1 x Spine Truss Run (as per plan)  
Dance Studio: No permanent lighting bars/positions

**Load Capacity – Lighting Bars** Main Space: Steel I-Beams can take 1-tonne spread load per beam. No more than 450kg over 1m to be rigged at centre of beam and no more than 275kg over 1m to be rigged at outside of beam.

## LIGHTING FIXTURES

Fixture	Qty	Details
Profile Spot	12	ETC Source Four Junior – 25-50° - 750W
Fresnel	9	Selecon Rama Fresnel – 1200W
LED Multipar	8	LED Multi-Par (20 x 3w tricolor) 25° operating 1, 2, 3, 5 or 7 channels
LED Par 64	12	LED Par 64 (168 x 10mm LEDS) 15° operating 4 channels
LED Par Pin Spot	6	Par 36 Pin Spots (61 LEDS) operating 4 channels

# AUDIO EQUIPMENT – OVERVIEW

All equipment will be in good working order at the commencement of the hire – if an item is not working, please advise the Venue Manager immediately.

All requests for equipment must be made in writing to the Venue Manager. The equipment availability is based on a first come first serve basis and may incur hire charges. Any equipment that is damaged by use from a hirer will incur repair or replacement charges. Additional audio requirements may be arranged, please discuss requirements with the Venue Manager (charges may apply).

## AUDIO EQUIPMENT LIST – CONTROL AND PLAYBACK

Item	Qty	Details
Mixing Desk	1	Allen and Heath GLD-80 digital audio desk with up to 48 inputs each with FX and processing.
Stage Rack	1	Allen and Heath AR2412 digital stage rack with 24 inputs and 12 outputs
Mixing Desk	1	Allen and Heath ZED-436 - 36-channel Mixing Desk
Mixing Desk	1	Allen and Heath ZED-12 - 12-channel Mixing Desk
DI	6	Active DI

## AUDIO EQUIPMENT LIST – PA AND SPEAKERS

Item	Qty	Details
FOH Speakers	2	QSC KW122 12", full range, 1000w powered speaker in wooden enclosure. Suitable for main PA or foldback
FOH Speakers	2	RCF NX M12A 750W powered speakers – 1" horn, 12" sub (can be flown or installed on speaker stands)
FOH Speakers	2	RCF 310-A 350W powered speakers – 1" horn, 10" sub
FOH Array	4	NEXO Geo S12 in 2 x 2-speaker arrays, permanently rigged on truss
Subwoofers	2	RCF 905-AS 1000W 15" Active Subs with Amp
Speaker Stands	5	K&M Tri-Leg Speaker Stands for RCF FOH Speakers
Speaker Stands	2	K&M Speaker Extension Pole (for Speakers mounted on Subs)



## AUDIO EQUIPMENT LIST - MICS AND MIC STANDS

Item	Qty	Details
Microphone	6	Shure SM58
Microphone	6	Shure SM57
Microphone	1	Shure PG52 (Kick Drum Mic with Mount Clip)
Microphone	2	Shure PG81 (Drum overheads, for Mic Stands)
Microphone	3	Shure PG56 (Snare and Toms, with Mount Clips)
Microphone	2	Gooseneck Mic for Lectern
Radio Microphone	2	Sennheiser 100 G3Wireless Kit: 2 x Receivers, 2 x Handheld Mics, 2 x Lapel Mics
Mic Stand	10	K&M Short Boom Stand
Mic Stand	13	K&M Medium Boom Stand
Mic Stand	1	K&M Round Base Stand

## AUDIO EQUIPMENT LIST - MISCELLANEOUS

Item	Qty	Details
Keyboard Stand	1	Dual-Level Keyboard Stand
Music Stand	3	Standard Height Music stand, adjustable ledge

# VISUAL EQUIPMENT – OVERVIEW

All equipment will be in good working order at the commencement of the hire – if an item is not working, please advise the Venue Manager immediately.

All requests for equipment must be made in writing to the Venue Manager. The equipment availability is based on a first come first serve basis and may incur hire charges. Any equipment that is damaged by use from a hirer will incur repair or replacement charges. Additional vision requirements may be arranged, please discuss requirements with the Venue Manager (charges may apply).

## VISION EQUIPMENT LIST

Item	Qty	Details
Projector Screen	1	Dinon Projection Screen PLV200, pull down
Projector	1	Epson EBW18 Projector – 3000 lumens, 16:10 native resolution
Projector	2	Panasonic PTVW430 Projector – 4300 lumens, 16:10 native resolution
Projector	1	BenQ PB8253 Projector – 3500 lumen, 4:3 native resolution
LCD Screen	1	Soniq E32W13B-AU 32" HD LED LCDTV
LCD Screen	1	Pendo 32"LCD HDTV
LCD Screen	2	Samsung series6 50" LEDTV
Headphones	12	Sennhesier HS201 cabled headphones
Headphone Amp	4	Behringer 4-way Headphone Amplifier
Speakers	2	Sherwood Alto 620 Speaker – 6" Mid-Bass Driver, 1" Tweeter
Speakers	2	Portable Rechargeable MP3 Player/Speakers
DVD Player	8	Assorted DVD Players
Media Player	8	WD TVLive Streaming Media Player

# STAGING EQUIPMENT – OVERVIEW

All equipment will be in good working order at the commencement of the hire – if an item is not working, please advise the Venue Manager immediately.

All requests for equipment must be made in writing to the Venue Manager. The equipment availability is based on a first come first serve basis and may incur hire charges. Any equipment that is damaged by use from a hirer will incur repair or replacement charges. Additional staging requirements may be arranged, please discuss requirements with the Venue Manager (charges may apply).

The SUBSTATION owns a Pro-Stage system that allows for either a 9m x 4m stage at 600mm or a tiered seating structure 8m x 5m with a 200mm rise between levels. Below is a list of components.

## STAGING EQUIPMENT LIST

Item	Qty	Details
Pro-Stage Deck	14	Pro-Lite Black Carpeted Deck (1m x 2m)
Pro-Stage Deck	3	Pro-Series Black Carpeted Deck (1m x 2m) with 600-900mm adjustable variable height legs
Pro-Stage Deck	3	Pro-Series Black Carpeted Deck (1m x 2m) with 800-1200mm adjustable variable height legs
Pro-Stage Legs	3	200mm leg sets (4 legs per set)
Pro-Stage Legs	8	400mm leg sets (4 legs per set)
Pro-Stage Legs	7	600mm leg sets (4 legs per set)
Pro-Stage Legs	1	1000mm leg sets (4 legs per set)
Pro-Stage Treads	1	600mm stair unit, to lock into stage
Pro-Stage Rails	1	600mm stair handrail
Pro-Stage Rails	4	2m wide guard rail with brackets
Pro-Stage Rails	6	1m wide guard rail with brackets
Skirting	2	9m long black velveteen skirting at 600mm height
Lectern	1	Black Lectern with inbuilt light and gooseneck mic
Table	22	1.5m round dining table with removable legs
Table	15	0.5m round cocktail table (seated height)

# RIGGING EQUIPMENT – OVERVIEW

All equipment will be in good working order at the commencement of the hire – if an item is not working, please advise the Venue Manager immediately.

All requests for equipment must be made in writing to the Venue Manager. The equipment availability is based on a first come first serve basis and may incur hire charges. Any equipment that is damaged by use from a hirer will incur repair or replacement charges. Additional rigging requirements may be arranged, please discuss requirements with the Venue Manager (charges may apply).

There is additional rigging equipment in the venue (truss, motors, clamps etc) but this is considered a permanent install. It can be moved but the movement and restoration of the standard installation (rigging, lighting and audio) is at the hirer's expense.

## RIGGING EQUIPMENT LIST

Item	Qty	Details
Truss	6	3m of Global 300mm tri-truss with spigots
Girder Clamp	2	1-tonne black girder clamp to suit venue I-Beam
Chain Block	2	500kg chain blocks – 10m chain

# ACCESS EQUIPMENT – OVERVIEW

There is a range of access equipment available to Hirers. Please note:

- EWP (Elevated Work Platform) may only be used by a ticketed, experienced operator
- EWP Logbook must be completed prior to every use by Hirer
- Operator available if required (contact Venue Manager for details, charges apply)

## ACCESS EQUIPMENT LIST

Item	Qty	Details
Wide Platform Ladder	1	Working Platform Height of 1.75m
Elevated Work Platform	1	JLG 30AM single-man lift with max platform height of 9m
A-Frame Ladders	2	1.8m A-Frame Ladder
Extension Ladder	1	3m Extension Ladder (extends to approx 5.5m)

# BUILDING SYSTEMS AND ALARMS

## ISOLATION AND SMOKE ALARMS

Building Isolation is possible for the use of smoke and haze effects in the venue, ia arrangement with the Venue Management Team. Hirers are inducted

## BUILDING ACCESS AND BUILDING ALARMS

After Hours access is possible, via arrangement with the Venue Management Team. Hirers are issued an alarm code for access outside of business hours, and inducted into Opening and Lock-Up Procedures.

## BUILDING ACCESS

**Street Access into Building** Standard width concrete access ramp from street level to building doors (see photos)

**Access Doorway Dimensions** 2 doorways, both are: 1110mm wide x 3055mm high

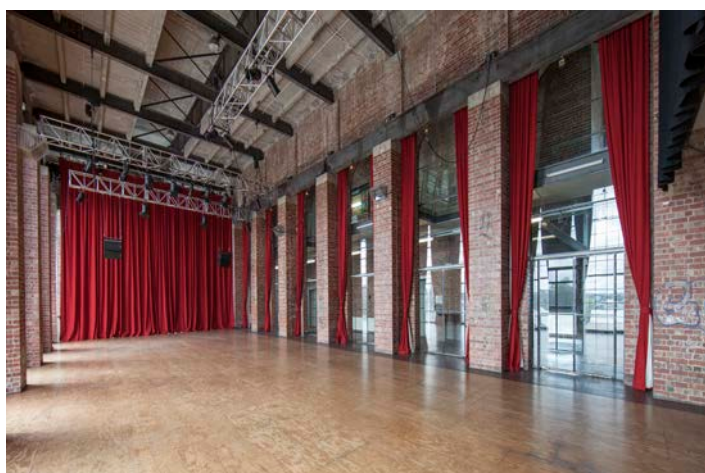
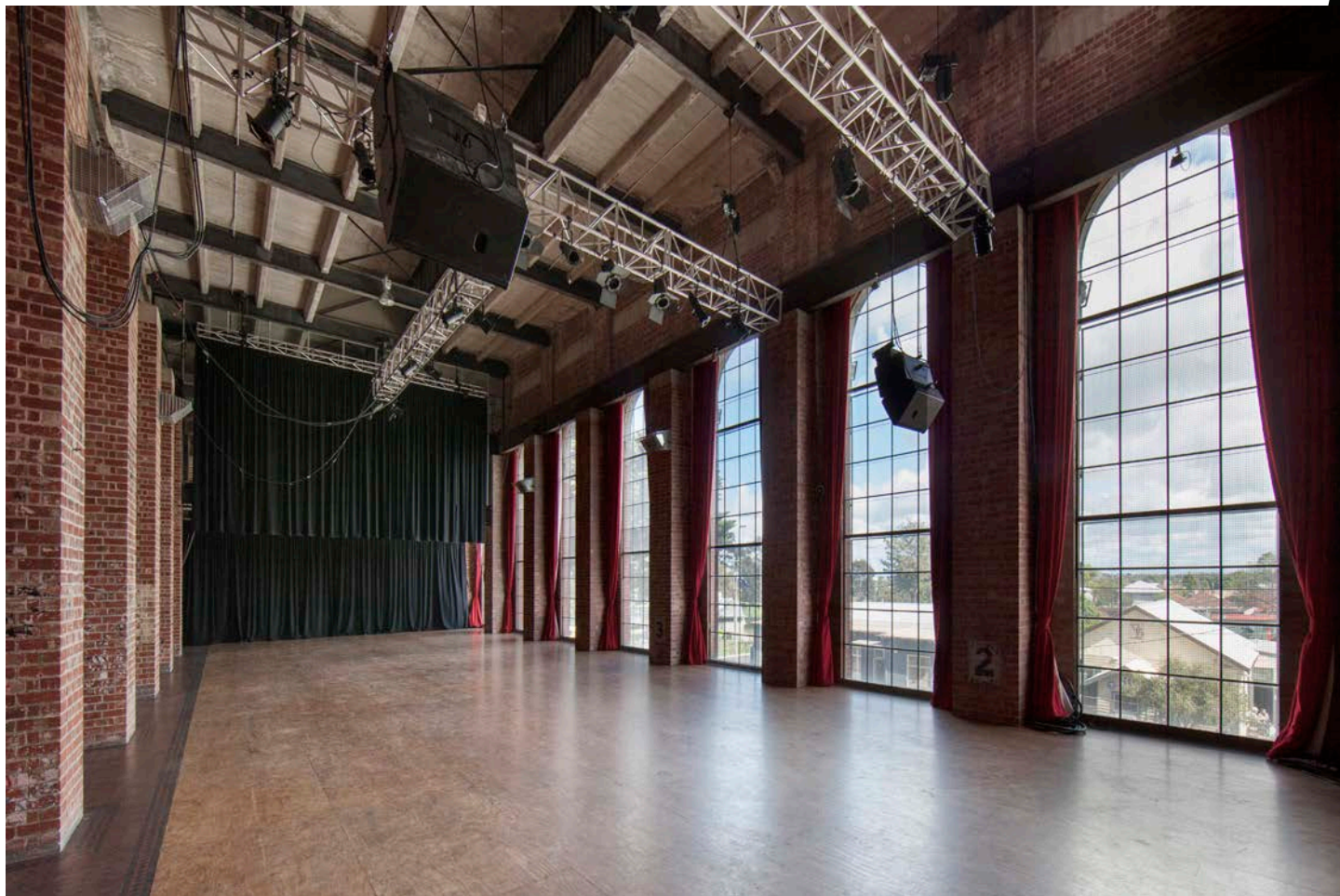
**Corridors** No corridors are narrower than the access door-ways

**Lift Dimensions** Entry Door: 897mm wide x 2000mm high  
Depth: 2004mm  
Width: 1097mm  
Height floor to ceiling: 2236mm



# PHOTOS

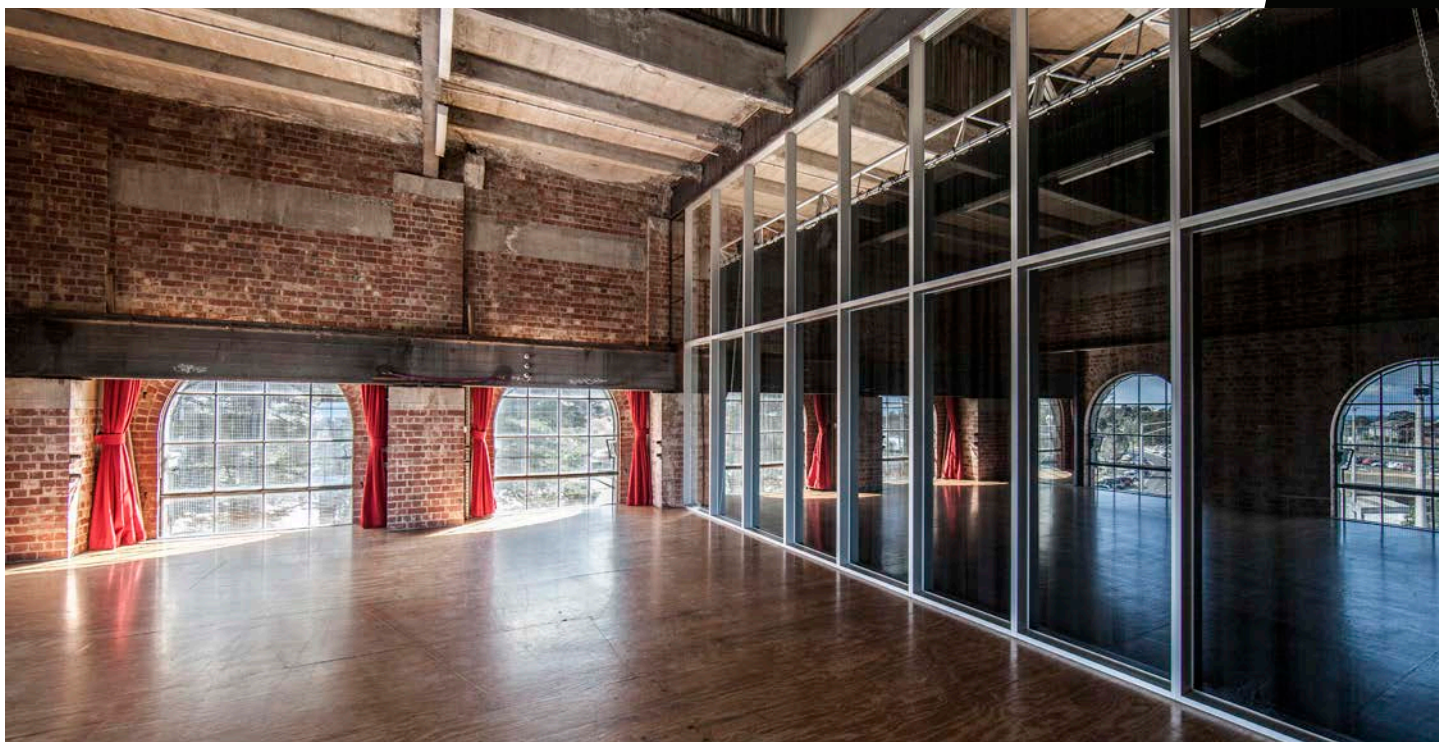
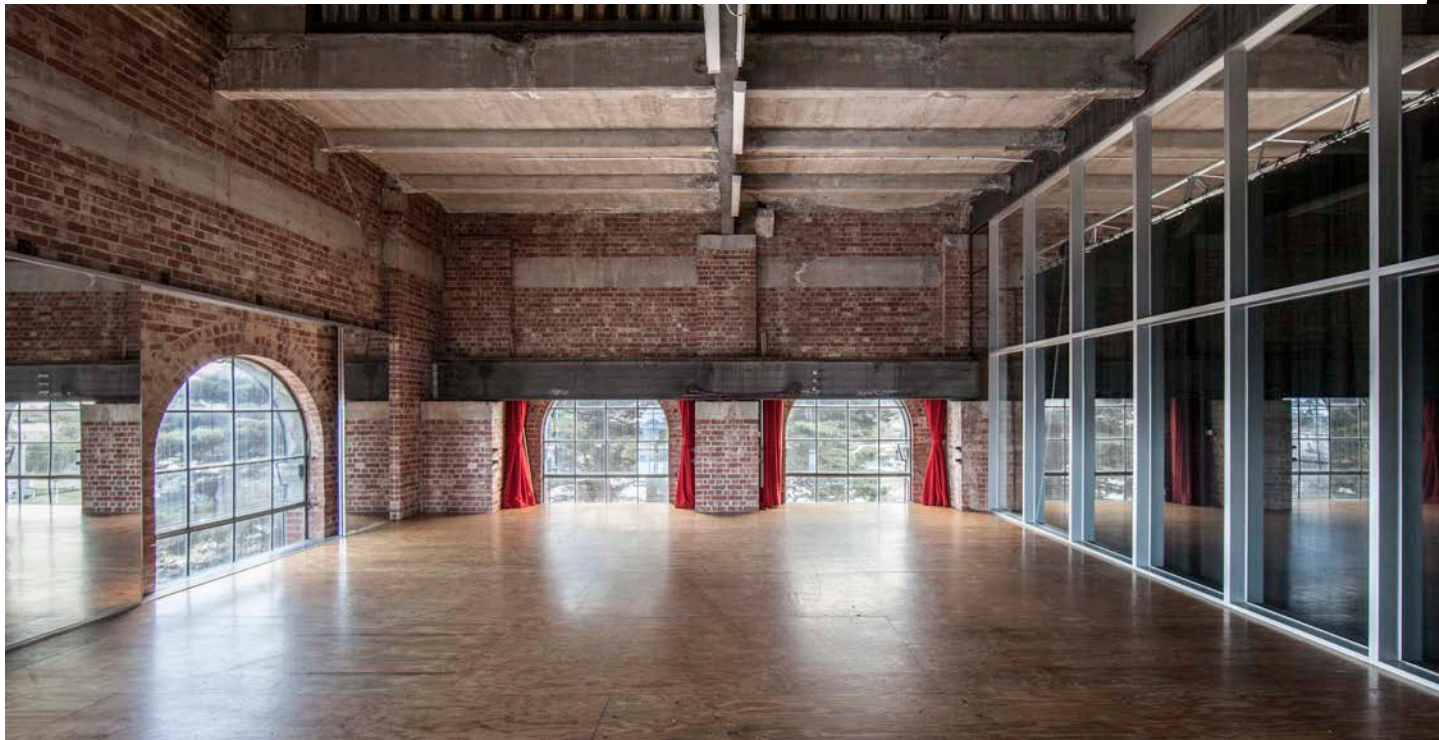
## MAIN HALL





# PHOTOS

## DANCE STUDIO





# PHOTOS

## ENTRANCE AND FOYER

