St Catherine's
BRAMLEY

Patron: Her Majesty The Queen

Chief Operating Officer: Mrs Chloe Stoneham

125th Anniversary Halls

Venue Technical Specifications

Contents

Contacts....2
Venue Information....2
Stage Details....3
Flying....4
Hanging Plot....4
Cloths....5
Venue Modes:....5
Orchestra Pit....6
Lighting System & Fixtures....7
Power....7
Audio System....8
Video System....8
Stage Management....9
Orchestra Pit Technical Drawings....10

Station Road, Bramley, Guildford, Surrey GU5 0DF | T: 01483 899701 | E: businessteampa @stcatherines.info | www.stcatherines.info

A company limited by guarantee. Registered DFE No. 3596520 England and Wales
Registered Charity No. 1070858

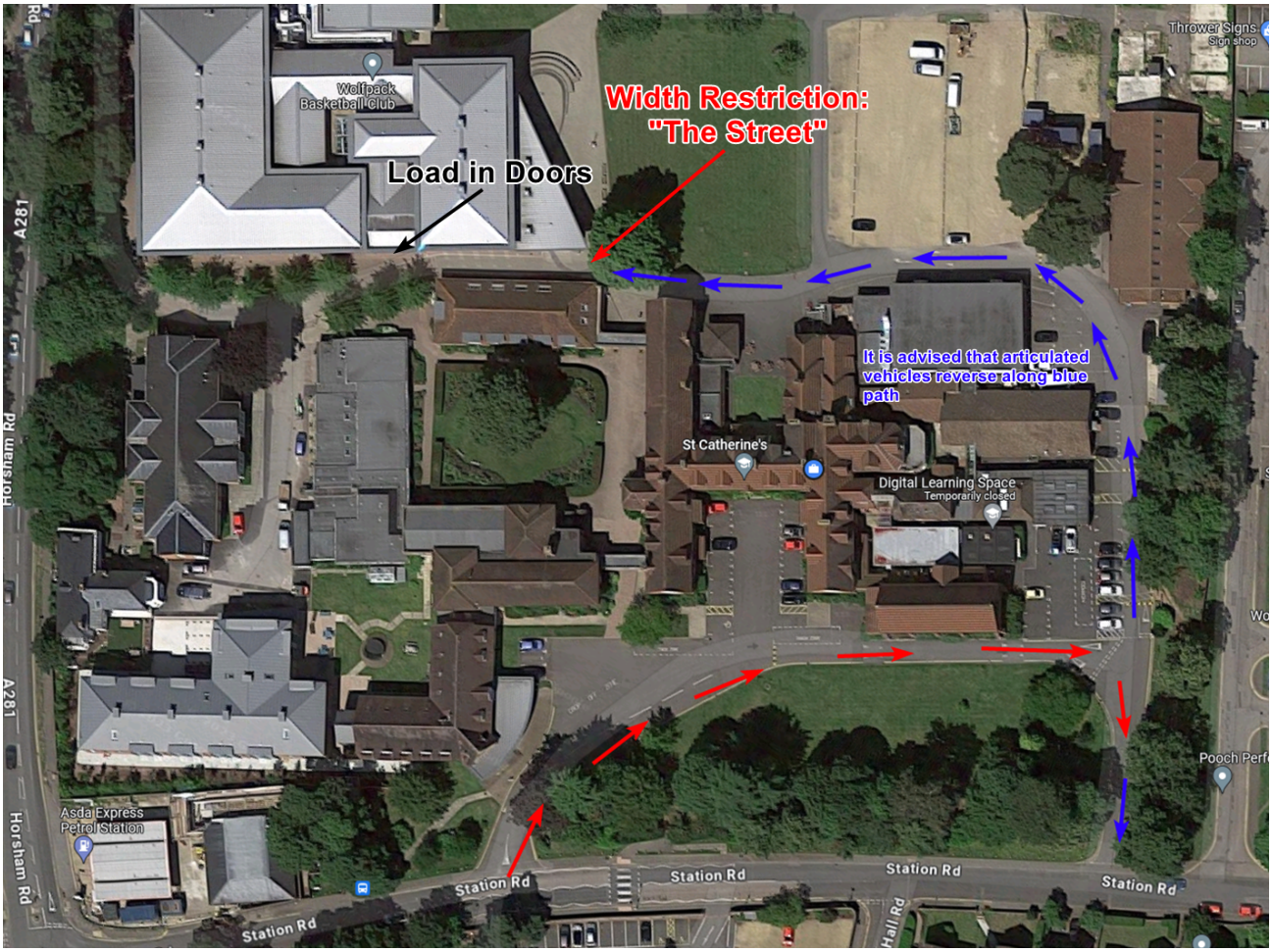
gsa SPECIALISTS IN GIRLS' EDUCATION.

Contacts

Lettings Team	Primary Contact	lets@stcatherines.info	
Duncan Smith	Technical Director (Anniversary Halls)	duncan.smith@stcatherines.info	01483 899790
Matt Coppinger	Venue Technician (Anniversary Halls)	matt.coppinger@stcatherines.info	01483 899742
Auditorium Control Room			01483 899793

Venue Information

Address:	St Catherine's School, Station Road, Bramley GU5 0AY (Google Maps)
Capacity:	260 Basic Capacity, additional 54 or 37 seats available in pit modes (see section 'Venue Modes') 4x Dedicated wheelchair seats available, at the loss of 8 Basic Capacity Additional floor seating available.
Rental:	For hire fees and rates please contact our lettings office.
Crew	No crew technical are supplied within the Basic Rental Fee. Technical Support is available at an additional cost per day. Technical Support will provide technical oversight but will not operate any equipment during performances or rehearsals on your behalf. Technical Crew is available at additional cost. Local Crew are available, suggested are Gallowglass or Silverback, we are unable to arrange this on your behalf.
Acoustic Limits:	No Active SPL monitoring, venue PA limited to 74dB(A) No Noise Curfew
Transport Links:	Bus Link to Guildford and surrounding areas, on-site parking available subject to availability – please notify us ahead of time on estimated visitor numbers if during term time.
Load in Details:	Double height (3.4 x2.25m) access all the way from loading bay to stage area. Vehicles up to 18t box can reverse up to loading bay, vehicles above 18t will be unable to reverse down The Street, contents will need to be transported ~100m by hand to loading bay
Load in Times:	Term Time: Load in from 4:30pm – earlier by prior arrangement Outside of Term Time: 9:00am
Load out Curfew:	Midnight – Load out continuing past this time may incur additional charge



Stage Details

Size:	Depth Approx: 9.5m Width Approx: 9.5m With Proscenium Arch Collapsed (See Section 'Venue Modes') Width Approx: 14.5m Fire Exists must be kept clear during performances, loading bay doors must be kept closed at all times where atmospheric effects are being used
Apron Size (when installed):	Width Approx: 7.5m Depth Approx: 1.7m at centreline, curving away to 0m by SL/SR
Clearance:	5.6m To House Pelmet
Wing Size:	Depth Approx: 9.5m Width Approx: 1.5-3.2m (variable)
Stage Surface:	Natural Sprung Timber Floor Matt Black LeMarc Dance Floor can be installed for the duration of hire upon prior request (Additional Charge) **NOTE: Under No Circumstances Should Anything Be Affixed to The Stage Floor** 20x 12.5kg Stage weights & braces of assorted sizes available

Flying

Type and Number:	12x Overhead Drill Driven flybars 5x Overhead Hemp Bars Bar 12: House Pelmet – non removable Bar 10: Projector/Foldback bar – removable by prior request – must be reinstalled upon vacating the venue Bar 2: Projector Screen – removable by prior request – must be reinstalled upon vacating the venue
Minimum Bar Width:	9m
Maximum Bar Width:	11m (Note: Bars will not reach full height with extensions in place)
Maximum Bar Height:	8.7m (Note: Bulky items will need to remain clear of the permanent acoustic panels)
Max Hight to acoustic panels:	6.5m
Hemp SWL:	100kg
Flybar SWL:	270kg

Please communicate point loads, and overall loads as early as possible.

Hanging Plot

BAR	Distance from Downstage Edge (m)	SWL (kg)	Notes
Fly 12	1.37	270	Proscenium Pelmet Permanently Fixed
Hemp 1	1.86	100	House Curtain
Fly 11	2.12	270	
Fly 10	2.56	270	Projector and Foldback
Fly 9	2.93	270	
Hemp 2	3.37	100	
Fly 8	4.33	270	
Fly 7	5.01	270	
Fly 6	5.42	270	
Hemp 3	5.88	100	
Fly 5	6.77	270	
Fly 4	7.60	270	
Fly 3	7.92	270	
Hemp 4	8.37	100	
Fly 2	9.26	270	Projection Screen
Fly 1	9.52	270	
Hemp 5	9.65	100	

Cloths	
House Tab	1x Full Width x 4.5m Off-Red Velvet
Star cloth	2x ShowLED Chameleon 5x7m
Black Stage Tabs	2x 6x6.5m Black Serge Tabs (Tripple-E UniTrack available)
Gauze	1x Full Width x 6.5m Black Sharkstooth 2x 6x6.5m White Sharkstooth

Venue Modes:

Note: Venue mode requests must be made at time of booking – the venue mode will be configured as per the requirements of the school. Change of venue mode is a 4-hour process and incurs extra cost, venue must be returned to original mode prior to the end of any hire period.

Full Flat Floor:

Orchestra Pit and Additional seating covered – Basic Seating Capacity available, plus option for additional floor seating.

Example Uses:

- Dance Shows
- Smaller Dramatical Performances
- Orchestral Performances

Pit Seating:

3x additional rows of seating (rows AA, BB and CC) extending basic seating capacity to 314. Orchestra pit remains covered, providing semicircular apron. Additional seating rows are below floor level and provide a 0.9m skirt drop from stage level.

Example Uses:

- Dramatic Performances
- Band Performances

Small Orchestra Pit:

3x Additional rows of seating (rows AA, BB and CC) extending basic seating capacity to 314. Orchestra pit cover opened.

Lage Orchestra Pit:

2x Additional Rows of Seating (rows AA and BB) extending basic seating capacity to 297. Orchestra pit cover removed to full extent.

Example Uses:

- Musicals
- Dramatic Performances

Acoustics:

3x Set of 4, overhead acoustic baffles above stage

5x Upright wheeled acoustic baffles, to be positioned up-stage

Can be set to reduce venue reverb times & increase audio projection towards auditorium seating.

Note, when above-stage baffles are in place; flybars & projection become unavailable, lighting intensity on stage will be reduced.

Orchestra Pit	
Dimensions:	Approx Width: 7.5m Approx Depth: 5.5m Approx Height (To Stage Level): 2.8m Additional Percussion Room available at rear (NOTE: Space is limited due to storage of pit cover sections – alternative storage is possible by prior arrangement) Raised Conductor Platform available at variable height Safety fall arrest net will be installed to cover pit, with opening for conductor unless otherwise requested.
Capacity:	Approx 25 Musicians + Conductor
Power:	21x 13a Sockets

Lighting System & Fixtures

Control:	ETC Ion XE 20 Dual Screen
Profiles:	7x Chauvet Ovation E-915 3x Chavet Ovation Rêve E-3 8x 25-50° Lens Tube 6x 19° Lens Tube 6x 26° Lens Tube 6x 36° Lens Tube 4x ETC ColorSource Spot JR Deep Blue 6x ETC Source 4 750W (Non-LED Fixtures)
Fresnel :	12x Chauvet Ovation F-910
Cyclorama :	5x Chauvet Ovation CYC1-FC
Moving Head :	2x High End Systems SolaFrame 750 6x Chauvet Rogue R1 BeamWash 2x Chauvet Rogue R3X Wash
Followspots :	2x Robert Juliat Buxie
Atmospheric :	1x Look Solutions Viper NT Smoke Machine 1x Look Solutions Unique 2.0 Hazer 1x Chauvet Cumulus Low Fogger/Hazer Note: Fluid for haze & smoke is not included in the Basic Hire Fee

Power

Dimmers:	6x EuroRack 60 Dimmerpacks permanently patched to 140x 16A Ceeform sockets around the auditorium and lighting gantries Dimmers by default are locked to hard-power bypass
Stage Left	1x 32A 3P+N+E 2x 32A 2x Show Worklight 16A 12x 13A
Stage Right	3x 32A 2x Show Worklight 16A 12x 13A
Flyfloor	4x 32A 3x Socapex wired to 18x Dimmer channels 36x 16A + 6x 13A distributed along 3 above-audience gantries
Control Room	12x 13A 1x 32A 3P+N+E

Audio System

Speakers:	EM Acoustics Main LR Full Range Speakers: 4x EMS-152 Center Full Range Speaker: 2x EMS-122 Sub Woofers: 2x i-12 Delays: 2x EMS-81 Front Fills: 4x i-2 Foldback: 2x EMS-81 SPARE: 2x EMS-81
Amplifiers:	Main LRC & Subs: QSC PL380 Front Fills/Delays: QSC PL340
Control:	Allen and Heath SQ-6 with Dante 64x64 Addon Card 2x Genelec 8050A Monitors 1x Allen and Heath DT168 Dante Enabled Stage Box Venue is fitted with ethernet patches in various locations, any Dante enabled device will be able to patch audio into or out of the system
Playback:	1x iMac based QLab Show Control 1x Mac-mini based Qlab Show Control
Microphones:	18x Sennheiser EW300 G3 Radio Mics (18x Beltpack, 2x Handheld) 4x Shure SM58 6x Shure SM57 3x AKG PCC160 Boundry Microphones 4x AKG C 391B 4x Behringer C-2 2x Rode NT-1 1x Rode NT-2 1x AKG Drum Set Big II (D112, 4x C518, 2x C1000S) 18x Encore/SubZero Headset Microphones (3.5mm Sennhsier Locking Jack) 6x Encore Lavalier Microphones (3.5mm Sennhsier Locking Jack) 6x Encore Lapel Microphones (3.5mm Sennhsier Locking Jack)

Video System

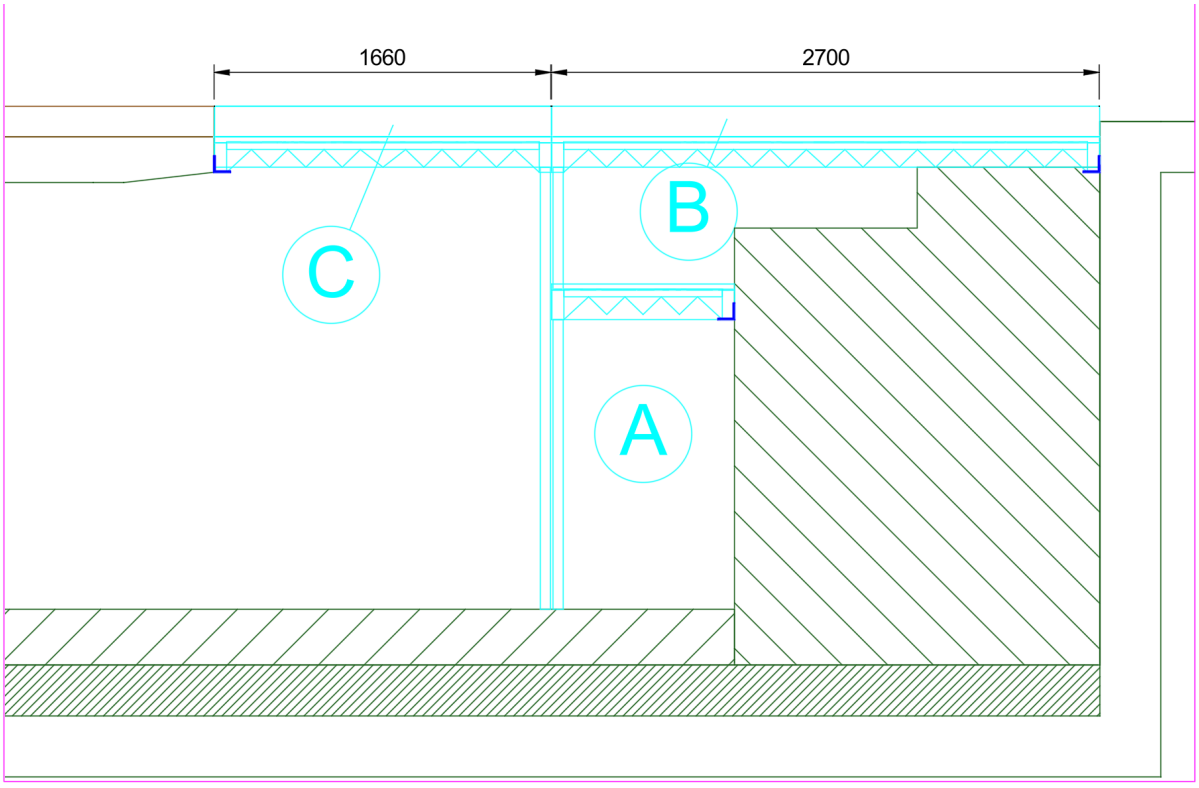
Cameras:	2x Blackmagic Design Micro Studio Camera gen 2 (Zoom Lens) 2x Canon XF-105 1x Canon XF-405 2x DataVideo PTC-140HD remote PTZ units
Control:	Blackmagic Design ATEM 2 M/E Production Studio Switcher Blackmagic Design 12x12 Smart Videohub 2x Blackmagic Design ATEM Mini Pro 1x Blackmagic Design ATEM Mini Pro ISO

	1x ZowieTech IP PTZ controller
Misc:	2x Blackmagic Design VideoAssist 4x Blackmagic Design HDMI-3GSDI Micro Converters 3x Blackmagic Design 3GSDI-HDMI Micro Converters 2x Blackmagic Design BiDi 3GSDI-HDMI Micro Converters Note: SDI patches originate from above stage patch room and terminate at various patch bays around the venue, including the possibility for live links between Auditorium and adjoining Drama Studio

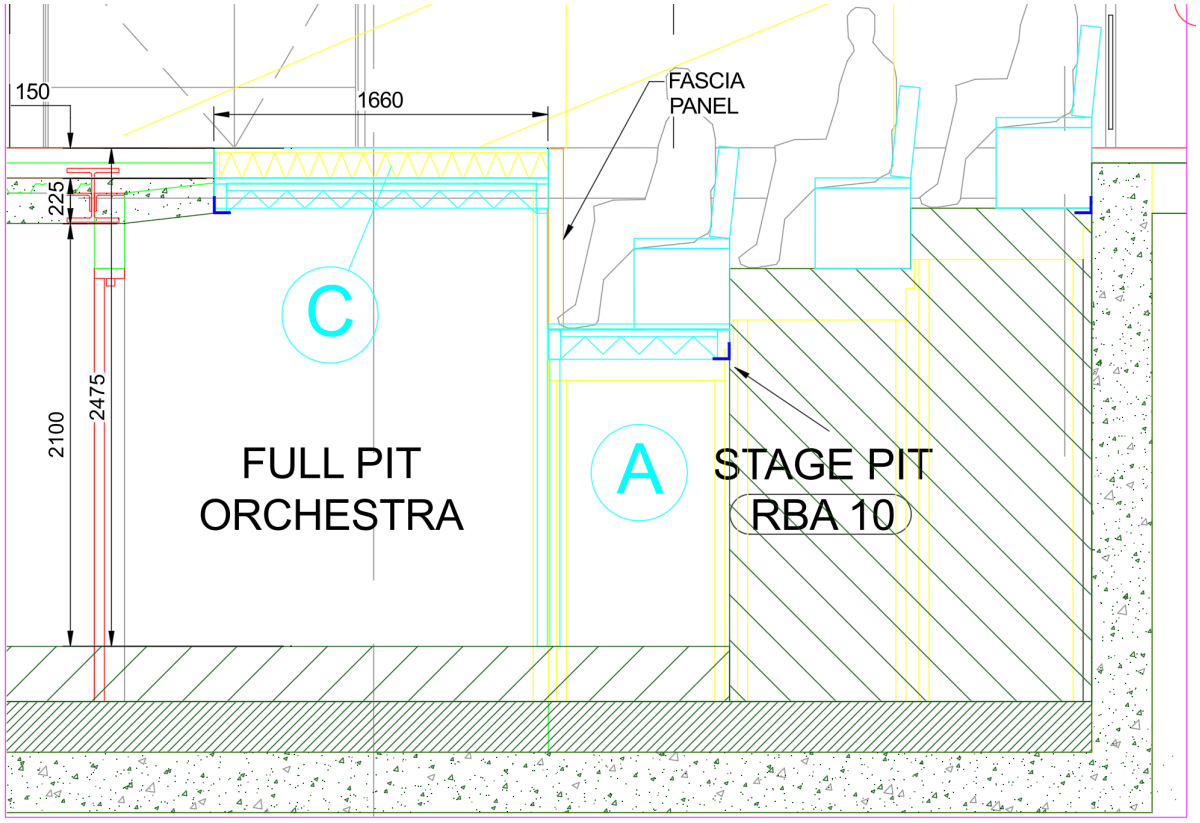
Stage Management

Theatre Coms	1x Twin Circuit Canford TecPRO communication sytesm 10x Single Muff Headsets and Belt Packs 1x Altair WBS 200 Wireless Base Station 4x Altair WBP-202HD Wireless Belt Packs & Single Muff Headsets
Cueing	14 Channel Interspace TheatreCue System 14x TheatreCue Satellite Units
Misc	Prompt Desk situated DSL with 2x video feeds available

Orchestra Pit Technical Drawings

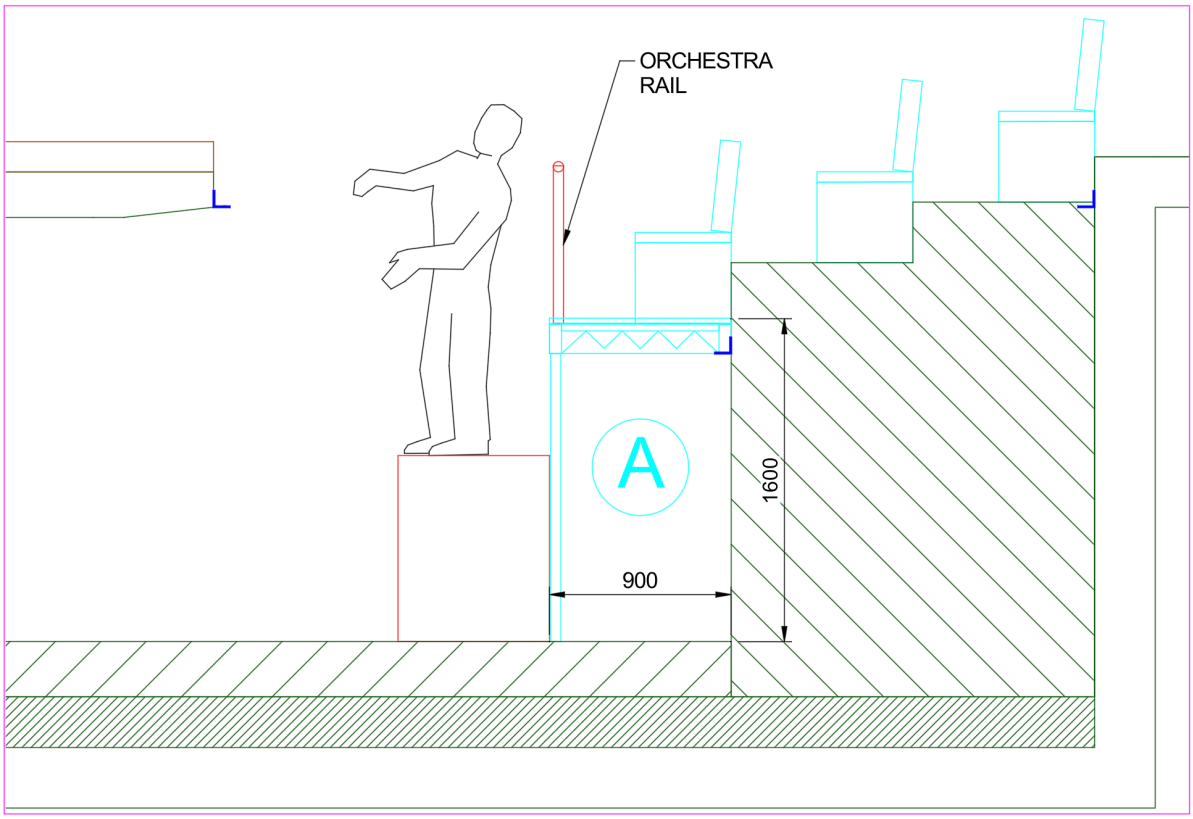


FLAT FLOOR

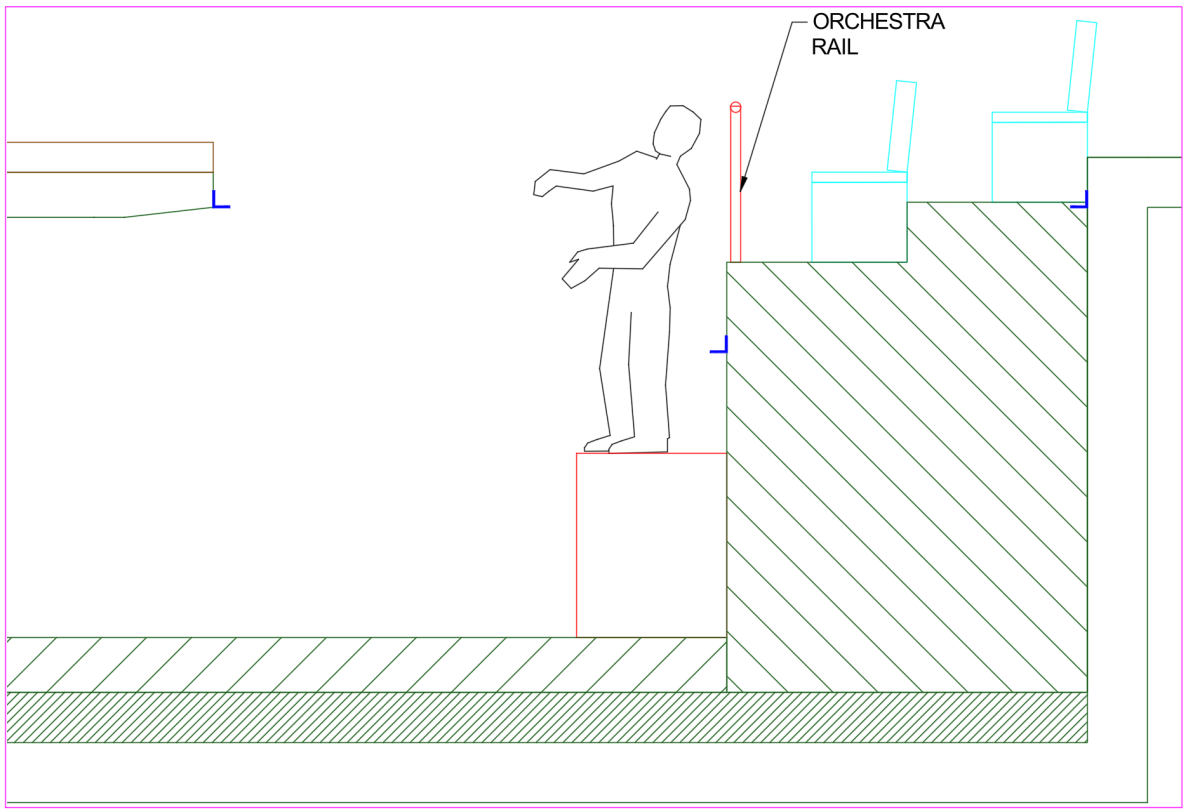


FULL SEATING WITH STAGE EXTENSION

rev. 1.2



SMALL ORCHESTRA PIT



LARGE ORCHESTRA PIT