**Navigation Guide – August 2020**

for

**“State Playhouse 2020 quarter inch scale”**

**“State Playhouse 2020 quarter inch scale VW2017”**

**“State Playhouse 2020 Music and Events Setups”**

*General note: The two Design Layers, “2017 Site Survey” and “Design Layer-1” are not used in the basic drawings and pages, so those may stay invisible until you need to use them for anything.*

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**Quick Reference – Plan view for scenic (Scenic sheet 1 of 2)**

* Design Layer “**Title Block-Plan View**” should be visible.
* Design Layer “**State Playhouse-Plan View**” should be visible.
* All other Design Layers should be invisible.
* Classes under “**Curtains**” should be invisible unless you are using those classes.
* Classes under “**Lighting**” are generally not needed to be visible, but they shouldn’t display anything on these Design Layers anyway.
* Class “**Orchestra Pit-plan view**” can be turned off if you are using the full apron in the normal position. Turn these on if you need to lower the orchestra pit and want to know where those elements fall (where the new apron edge would be, etc.).
* Classes “**Rigging-ante proscenium**” and “**Rigging-linesets plan**” are normally invisible. “**Rigging-box boom**” is normally visible.
* Class “**Stage traps-plan**” is normally invisible, but available should you need to use them.
* Class “**Titleblock-scenic only**” should be visible, “**Titleblock-lighting only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Section view for scenic (Scenic sheet 2 of 2)**

* Design Layer “**Title Block-Section View**” should be visible.
* Design Layer “**State Playhouse-Section View**” should be visible.
* All other Design Layers should be invisible.
* Class “**Auditorium-concrete edge or orchestra at floor**” will be duplicated or over-drawn by several of the standard “**Orchestra Pit**” classes.
* Class “**Auditorium-door emergency exit**” is normally visible, with hidden lines behind the orchestra pit at stage level, but may be made invisible to reduce clutter on the drawing.
* Class “**Auditorium-paint line**” shows the area painted black behind the tower stage left. This class is normally visible, but may be made invisible to reduce clutter in the drawing. Paint color is actually black, but is drawn in a dark grey to distinguish this feature from the solid black of the structural building walls and components.
* Class “**Auditorium-Seating-seating section**” is normally visible and displays the physical seats themselves. The seating symbol for the section contains the seat and a scale figure, but the two components are on different classes so they may be controlled independently.
* Classes under “**Curtains**” should be invisible unless you are using those classes.
* Classes under “**Lighting**” are generally not needed to be visible, but they shouldn’t display anything on these Design Layers anyway.
* Class “**Lighting-rigged speakers**” is normally visible and draws the main speakers in the section.
* Classes under “**Orchestra Pit**” provide four standard orchestra pit locations: *stage height, auditorium height, orchestra shortened height, and orchestra standard height.* Only use one of those four in the section. If you want a custom position, duplicate one of these classes and its contents and adjust the elements in your new class.
* Class “**Rigging-ante proscenium**” will need to be made visible to see those elements in the section.
* Class “**Rigging-box boom**” draws the stage left box booms and the stage left tower. This is normally visible. May be made invisible if the SL tower is cluttering the drawing.
* Classes “**Rigging-grid**” and “**Rigging-linesets section**” are normally visible and display the top grid elements and the linesets in the “fully out” position. Drawn “fully out” positions represent general positions. Refer to other rigging spreadsheets for details on full in and out travel of any particular lineset.
* Class “**Rigging-loading bridge section**” displays the stage right wing position of the loading bridge components. May be made invisible to reduce clutter on the drawing.
* Class “**scale figure-seated in audience**” is normally visible and displays a representative human sitting in each of the seats. The seating symbol for the section contains the seat and a scale figure, but the two components are on different classes so they may be controlled independently.
* Class “**scale figure-stage floor**” draws a scale figure standing on the stage level just upstage of the proscenium.
* Class “**scale figure-stage floor apron**” draws a scale figure standing on the stage level on the apron, downstage of the proscenium.
* Class “**Stage traps-section**” is normally visible. The stage floor in this area is only drawn by the stage traps themselves, so making this class invisible will require drawing a new stage floor level in the section.
* Class “**Titleblock-scenic only**” should be visible, “**Titleblock-lighting only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Seating Chart**

* Select Sheet Layer “**Seat Chart**”. This displays the seating chart viewport on an Arch D landscape page.
* All visible classes and layers are built in to the viewport, so no need to select anything special and/or adjust any visibility settings.
* There are no pre-built title blocks on this sheet layer. Mostly this page gets exported to PDF and then manipulated for its intended destination, whether in the Playhouse Tech Specs document or for other uses.

**Quick Reference – Auditorium grades**

* Select Sheet Layer “**Auditorium Grades**”. This displays the viewport of the auditorium with noted grades on all of the steps in the auditorium, on an Arch D landscape page.
* All visible classes and layers are built in to the viewports, so no need to select anything special and/or adjust any visibility settings.
* There are no pre-built title blocks on this sheet layer.

**Quick Reference – Concert Setup with curtains (plan view)**

* Design Layer “**Title Block-Plan View**” should be visible.
* Design Layer “**State Playhouse-Plan View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Plan view for scenic for additional recommendations.*
* Class “**Curtains-concert plot**” should be made visible. This class only draws concert curtains in the plan view. Concert curtains in the section view are drawn on class “**LX-section-concert house plot**”.
* Classes under “**Lighting**” are generally not needed to be visible, but they shouldn’t display anything on these Design Layers anyway.
* Class “**Titleblock-scenic only**” should be visible, “**Titleblock-lighting only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Plan view for lighting (Lighting sheet 1 of 6)**

* Design Layer “**Title Block-Plan View**” should be visible.
* Design Layer “**Lighting-Plan View**” should be visible.
* Design Layer “**State Playhouse-Plan View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Plan view for scenic for additional recommendations.*
* Classes under “**Lighting**” are generally all visible for all lighting drawings, except “**Lighting-AP1 floor edge**” and “**Lighting-AP1 structural walls**”. These two invisible classes provide added facility information which is not essential for most drawings.
* Class “**Lighting-AP1 windows**” should be visible both as an aid for the designer plotting the fixtures and as an aid for the stage crew when hanging the fixtures.
* Class “**Lighting-guides-centerline rulers**” displays centerline rulers as an aid in spacing fixtures and to assist the crew while hanging the light plot.
* Class “**Lighting-guides-snap lines**” displays several greyed snap lines at each batten lighting position for easy alignment of lighting fixtures.
* Classes under “**LX**” are generally all visible for all lighting drawings.
* Class “**LX-position support**” should be visible to display things like SL and SR tower truss structure in plan view.
* Class “**Rigging-ante proscenium**” should be invisible. The lighting position class “**LX-positions**” duplicates all of the rigged AP positions drawn on this class. The rigged components are built on independent classes for non-lighting and maintenance purposes.
* Class “**Rigging-box booms**” should be visible. The lighting position classes for these positions are on the “Towers and Booms” sheet. These drawn positions on this plan view show greyed representative fixtures that do not appear on lightings schedules.
* Class “**Titleblock-lighting only**” should be visible, “**Titleblock-scenic only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Plan view for lighting 1A and 2A (Lighting sheet 2 of 6)**

* *These two lighting positions have a separate sheet because they are used less frequently and makes the primary electrics sheet (1 of 6) less cluttered.*
* Design Layer “**Title Block-Plan View**” should be visible.
* Design Layer “**Lighting-Plan-1A and 2A**” should be visible.
* Design Layer “**State Playhouse-Plan View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Plan view for scenic for additional recommendations.*
* Classes under “**Lighting**” are generally all visible for all lighting drawings, except “**Lighting-AP1 floor edge**” and “**Lighting-AP1 structural walls**”. These two invisible classes provide added facility information which is not essential for most drawings.
* Class “**Lighting-AP1 windows**” will not display anything on this layer.
* Class “**Lighting-guides-centerline rulers**” displays centerline rulers as an aid in spacing fixtures and to assist the crew while hanging the light plot.
* Class “**Lighting-guides-snap lines**” displays several greyed snap lines at each batten lighting position for easy alignment of lighting fixtures.
* Classes under “**LX**” are generally all visible for all lighting drawings.
* Class “**LX-position support**” should be visible to display things like SL and SR tower truss structure in plan view.
* Class “**Rigging-ante proscenium**” should be invisible. The lighting position class “**LX-positions**” duplicates all of the rigged AP positions drawn on this class. The rigged components are built on independent classes for non-lighting and maintenance purposes.
* Class “**Rigging-box booms**” should be visible. The lighting position classes for these positions are on the “Towers and Booms” sheet. These drawn positions on this plan view show greyed representative fixtures that do not appear on lightings schedules.
* Class “**Titleblock-lighting only**” should be visible, “**Titleblock-scenic only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Towers and Booms (Lighting sheet 3 of 6)**

* ***This sheet is in ½” scale***. All other drawings are in ¼” scale.
* Design Layer “**Lighting-Booms and Trees ½” scale**” should be visible.
* All other Design Layers should be invisible.
* Classes under “**Lighting**” are generally all visible for all lighting drawings, except “**Lighting-AP1 floor edge**” and “**Lighting-AP1 structural walls**”. These two invisible classes provide added facility information which is not essential for most drawings.
* Class “**Lighting-guides-centerline rulers**” displays rulers for trim positions as an aid in spacing fixtures and to assist the crew while hanging the light plot. *Box Boom positions have two available guides: one for a measurement from the ceiling and one as a trim position from the stage floor.*
* Classes under “**LX**” are generally all visible for all lighting drawings.
* Class “**LX-position support**” should be visible. This is where all the box boom and tower truss structure and wall/ceiling reference data is drawn.
* Class “**Rigging-box booms**” does not display anything on this sheet, only on the plan and section views.
* Class “**Titleblock-lighting only**” should be visible, “**Titleblock-scenic only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – House and Aisle Lights (Lighting sheet 4 of 6)**

* Select Sheet Layer “**House and Aisle Lights**”. This displays the house and aisle light viewport on an Arch D landscape page with a border and a second viewport of the title block for this page.
* All visible classes and layers are built in to the viewports, so no need to select anything special and/or adjust any visibility settings.

**Quick Reference – Section view for lighting (Lighting sheet 5 of 6)**

* Design Layer “**Title Block-Section View**” should be visible.
* Design Layer “**Lighting-Section View**” should be visible.
* Design Layer “**State Playhouse-Section View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Section view for scenic for additional recommendations.*
* Class “**Curtains-concert plot**” displays standard house drapes in the plan view only. See class “**LX-section-concert house plot**” for standard house drapes and lighting electric trims for the concert plot hang in the section view. Duplicate this class and its contents to draw custom drapes and electric trims on the new class.
* Classes under “**Lighting**” are generally all visible for all lighting drawings, except “**Lighting-AP1 floor edge**” and “**Lighting-AP1 structural walls**”. These two invisible classes provide added facility information which is not essential for most drawings.
* Class “**Lighting-guides-sight lines**” displays sight lines applicable to the concert plot light and curtain hang and trims. Duplicate this class and draw custom sight lines on the new class.
* Class “**Lighting-rigged speakers**” is normally visible and draws the main speakers in the section. Recommend keeping this visible in lighting drawings to avoid plotting fixtures that will interfere with them.
* Classes under “**LX**” are generally all visible for all lighting drawings.
* Class “**LX-section-concert house plot**” displays standard house drapes and lighting electric trims for the concert plot hang in section view. Duplicate this class and its contents to draw custom drapes and electric trims on the new class. These lighting positions and fixtures all contain profiles of typical fixtures on that position and do not plot instruments or lighting positions that will appear on lighting schedules and reports.
* Class “**Rigging-ante proscenium**” will need to be made visible to see those elements in the section, although these items are duplicated on the class “**LX-section-concert house plot**” and are overdrawn by that class, so this class visibility is redundant.
* Class “**Rigging-box boom**” draws the stage left box booms and the stage left tower. This is normally visible. If made invisible, the profiles of typical fixtures will remain but the lighting position structures will disappear.
* Class “**Titleblock-lighting only**” should be visible, “**Titleblock-scenic only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Lighting Distribution chart (Lighting sheet 6 of 6)**

* Design Layer “**Title Block-Plan View**” should be visible.
* Design Layer “**Lighting-Circuit Distribution**” should be visible.
* Design Layer “**State Playhouse-Plan View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Plan view for scenic for additional recommendations.*
* Classes under “**Lighting**” are generally all visible for all lighting drawings, except “**Lighting-AP1 floor edge**” and “**Lighting-AP1 structural walls**”. These two invisible classes provide added facility information which is not essential for most drawings.
* Class “**Lighting-AP1 windows**” does not display anything on these layers.
* Classes under “**LX**” are generally all visible for all lighting drawings.
* Class “**LX-circuit layout**” should be visible. This is where all of the circuit layout elements are drawn.
* Class “**LX-position**” should be visible to display the lighting battens beneath the circuit layout labels.
* Class “**LX-position support**” should be visible to display things like SL and SR tower truss structure in plan view.
* Class “**Rigging-ante proscenium**” should be invisible. The lighting position class “**LX-positions**” duplicates all of the rigged AP positions drawn on this class. The rigged components are built on independent classes for non-lighting and maintenance purposes.
* Class “**Rigging-box booms**” should be visible. The lighting position classes for these positions are on the “Towers and Booms” sheet. These drawn positions on this plan view show greyed representative fixtures that do not appear on lightings schedules.
* Class “**Rigging-linesets plan**” should be invisible. The lighting position class duplicates all of the onstage lighting positions.
* Class “**Titleblock-lighting only**” should be visible, “**Titleblock-scenic only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – FOH projection (section view)**

* *Note: there is no specific FOH projection plan view pre-built into this VW document, since the plan would likely be dependent upon scenic design specifications.*
* Design Layer “**Title Block-Section View**” should be visible.
* Design Layer “**Lighting-Section View**” may need to be visible *(see below on this page under Class “LX-section-concert house plot”).*
* Design Layer “**State Playhouse-Section View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Section view for scenic for additional recommendations.*
* Classes under “**Curtains**” should be made visible as needed.
* Classes under “**Lighting**” are generally not needed to be visible, but they shouldn’t display anything on these Design Layers anyway, unless Design Layer “**Lighting-Section View”** is made visible.
* Class “**Lighting-guides-sight lines**” should be made invisible for better visibility of the projection sight lines.
* Class “**Lighting-rigged speakers**” is normally visible and draws the main speakers in the section.
* Class “**LX-section-concert house plot**” will need to be visible if the FOH projector is using that standard setup. *NOTE: In order for this class to be visible, the design layer “Lighting-Section View” also needs to be visible.*
* Class “**Rigging-ante proscenium**” will need to be made visible.
* Class “**Rigging-box boom**” draws the stage left box booms and the stage left tower. This should be made visible.
* Classes “**Rigging-grid**” and “**Rigging-linesets section**” are normally visible.
* Class “**scale figure-stage floor**” draws a scale figure standing on the stage level just upstage of the proscenium.
* Class “**scale figure-stage floor apron**” draws a scale figure standing on the stage level on the apron, downstage of the proscenium and should be visible.
* Class “**Stage traps-section**” is normally visible. The stage floor in this area is only drawn by the stage traps themselves, so making this class invisible will require drawing a new stage floor level in the section.
* Class “**Titleblock-scenic only**” should be visible, “**Titleblock-lighting only**” should be invisible. All other “**Titleblock**” classes should be visible.
* Class “**Video-AP2 projector sight lines**” should be visible.

**Quick Reference – Guest Lecture setup and AP2 projector (plan view)**

* Design Layer “**Title Block-Plan View**” should be visible.
* Design Layer “**State Playhouse-Plan View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Plan view for scenic for additional recommendations.*
* Class “**Curtains-lecture projection screen**” should be visible. This layer also adds an additional title block label.
* Classes under “**Lighting**” are generally not needed to be visible, but they shouldn’t display anything on these Design Layers anyway.
* Class “**Titleblock-scenic only**” should be visible, “**Titleblock-lighting only**” should be invisible. All other “**Titleblock**” classes should be visible.

**Quick Reference – Guest Lecture setup and AP2 projector (section view)**

* Design Layer “**Title Block-Section View**” should be visible.
* Design Layer “**State Playhouse-Section View**” should be visible.
* All other Design Layers should be invisible.
* *See quick reference under Section view for scenic for additional recommendations.*
* Class “**Curtains-lecture projection screen**” should be visible. This layer also adds an additional title block label.
* Classes under “**Lighting**” are generally not needed to be visible, but they shouldn’t display anything on these Design Layers anyway.
* Class “**Lighting-rigged speakers**” is normally visible and draws the main speakers in the section.
* Class “**Rigging-ante proscenium**” will need to be made visible.
* Class “**Rigging-box boom**” draws the stage left box booms and the stage left tower. This should be made visible.
* Classes “**Rigging-grid**” and “**Rigging-linesets section**” are normally visible.
* Class “**scale figure-stage floor apron**” draws a scale figure standing on the stage level on the apron, downstage of the proscenium and should be visible. The section does not draw a podium on the apron.
* Class “**Stage traps-section**” is normally visible. The stage floor in this area is only drawn by the stage traps themselves, so making this class invisible will require drawing a new stage floor level in the section.
* Class “**Titleblock-scenic only**” should be visible, “**Titleblock-lighting only**” should be invisible. All other “T**itleblock**” classes should be visible.
* Class “**Video-AP2 projector sight lines**” should be visible.

**Classes – Master List and general information for each**

Class Name Notes and Comments

**0**  – hidden information for specialty symbols

– KEEP INVISIBLE

**02, 03** – imported with L-Acoustics speaker drawings

These are not needed since speakers were moved to other classes, but they do provide full working drawings of installed speakers.

**A** – a group of classes used by MetaBIM site drawings from 2017. Most should remain visible as this is where building fixtures like doors, windows, handrails, etc. are drawn.

Keep these three classes invisible: AREA; DETL; DOOR-FRAM. Some may only be visible if design layer 2017 Site Survey is turned on.

**Annotation** – used by MetaBIM site drawings from 2017.

**­**Annotation-names are individual room names assigned by them.

Annotation-scale is their drawing scale ruler lower left corner off of the primary page/workspace.

May only be visible if design layer 2017 Site Survey is turned on.

**Auditorium** – various classes specific to the auditorium plan and section

**Auditorium-apron edge** – this is the downstage edge/shape of the apron where it meets at the stage and auditorium.

Keep this turned on for all regular usage.

This class may be turned off if the design requires an alternate edge for the apron.

**Auditorium-box seat steps** – these are the steps in plan view for the box seats house right.

**Auditorium-concrete edge of orchestra pit at floor**

– this is the concrete lip that bounds the orchestra pit and meets the carpet of the auditorium.

This should not be confused with the Auditorium-apron edge. This is useful for precise installations that extend beyond the standard edge of the stage.

**Auditorium-door emergency exit**

– This is the house right door near the stage and Tower “T1 L” as viewed in the section drawings only.

Normally keep this class visible.

It will not draw anything in any of the plan views.

**Auditorium-floor grade** – Reveals floor grades for all auditorium tiered rows of the orchestra and the three box seats in the plan views.

**Auditorium-floor steps** – draws all of the auditorium floor step edges for the tiered rows of the orchestra seats in the plan views.

This may be turned off for lighting plan views for a cleaner drawing.

**Auditorium-low walls** – Draws all the low walls of the box seats, behind row L, and for the FOH mix position.

Includes the same elements in drawn both plan and section views.

**Auditorium-paint line** – Draws the paint line between the proscenium and the auditorium in the section views only, where the wall is painted black on either side of the apron.

May be hidden for section views if it becomes distracting for the required drawings.

**Auditorium-seating-movable style**

– Indicates which seats are removable (R) and which seats are loose chairs (L) or stools (S).

Normally invisible.

Requires Auditorium-seating-seating to be visible due to specialized grouping within the orchestra seating.

**Auditorium-seating-row label**

– Displays labels for all orchestra rows and for box seats. Normally invisible.

**Auditorium-seating-seat numbers**

– Displays seat numbers. Normally invisible.

Will display with or without visible seats.

**Auditorium-seat-seat size** – Displays installed seat width of set back: 20”, 21”, 22” or 23”.

Normally invisible.

Requires Auditorium-seating-seating to be visible due to specialized grouping within the orchestra seating.

**Auditorium-seating-seating** – Displays seats in the plan view only.

Turn seating off normally for lighting plan views to reduce clutter.

Typically invisible unless needed for specialized scenery floorplans.

**Auditorium-seating-seating section**

– Seats drawn on section views.

Normally visible.

Seats are grouped with scale figure-seated in audience.

**Auditorium-seating-wheelchair**

– Draws recommended wheelchair locations, per designs by Pfeiffer during renovation.

Some seats or box seats need to be moved to accommodate wheelchair seats.

Normally invisible.

**Auditorium-tectum** – Draws the 1” thick tectum + 3” thick fiberglass acoustic wall treatment, in either grey or red, depending on the wall location.

Plan views only.

Normally visible.

**Auditorium-tectum view from SR**

– Draws the 1” thick tectum + 3” thick fiberglass acoustic wall treatment on the House Right wall, including the decorative pattern.

Section views only.

Normally visible.

**Booth 2nd floor control-section furnishings**

– TA 203 control booth section view of north wall and fixtures/furnishings. Normally visible.

**Centerline-additional for Arch D**

– Draws additional center line CL labels that are not visible on the drawing when using title blocks for Arch D size drawings in ¼” scale.

Normally visible in most plan views.

Normally invisible in drawings of auditorium, such as seating chart, house light and aisle light drawings.

**Centerline-normal** – centerline and CL labels.

Normally visible.

**Curtains-concert plot** – Displays the concert plot curtains in plan and section view.

Make visible as needed.

**Curtains-lecture projection screen**

– Displays the curtains, screen, and other setup components in plan and section view for the standard setup for a guest lecture or speaker type of event.

Normally invisible.

**Dimension**  – normally visible.

Normally where all plotted dimensions are drawn.

**Events (various)**  – Only in the Music and Events setup .vwx drawing

All are normally invisible unless selected as the active drawing layer.

Duplicate and create new classes as needed for future setups.

**LACHSA (various)**  – Only in the Music and Events setup .vwx drawing

All are normally invisible unless selected as the active drawing layer.

Duplicate and create new classes as needed for future setups.

**Lighting-Accessory** – Lighting accessory symbols will draw here.

Normally visible.

**Lighting-AP1 floor edge** – Draws the AP1 floor edge at base of AP1 windows.

Normally invisible.

**Lighting-AP1 structural walls**

– Draws structural walls at top of AP1 windows.

Normally invisible.

**Lighting-AP1 windows** – Draws the window grates that fixtures hung on AP1 will light through.

Best drawn on light plots with AP1 positions for reference for electricians to place fixtures accurately.

Normally visible.

**Lighting-Architectural** – Lighting symbols for architectural fixtures.

Normally visible.

**Lighting-guides-centerline rulers**

– Draws centerline rulers on plan view lighting positions and floor measurements on lighting tree and box boom drawings.

Normally visible.

**Lighting-guides-sight lines** – Draws sight lines on section view drawings.

Normally visible.

**Lighting-guides-snap lines** – Draws greyed-out snap lines near lighting battens and other positions for accurate drawing of lighting symbols.

Normally visible.

**Lighting-Incandescent** – Lighting symbols for traditionally lamped fixtures and house projectors.

Normally visible.

**Lighting-Label** – Draws lighting labels for Channel/Color/Dimmer/Unit #/etc.

Normally all visible.

**Lighting-LED** – Lighting symbols for LED fixtures.

Normally visible.

**Lighting-Movement Radius** – Lighting symbols for moving light spacing.

Normally visible.

**Lighting-Moving Light** – Lighting symbols for moving lights.

Normally visible.

**Lobby**  – Fixtures and furniture for lobby.

Normally visible.

**LX-circuit layout** – Draws circuit layout notes, drawn on Design Layer “Lighting-Circuit Distribution”.

Normally visible.

**LX-floor pockets** – Draws floor pocket locations on the Playhouse Stage in plan view.

Drawn on Design Layer “Lighting-Plan -1A & 2A”.

Normally visible.

**LX-position support** – Draws components that are not the actual lighting hanging positions, but are part of the support structure, such as the tower truss shape and location, box boom wall components and tectum locations, etc.

Normally visible.

**LX-positions** – Draws all lighting positions particular to each Design Layer.

**LX-section-concert house plot**

– Draws lighting positions and general fixture profiles in the section drawings, but does not generate or duplicate those lighting positions and instruments in LightWright data exports.

Normally visible.

**Music (various)**  – Only in the Music and Events setup .vwx drawing

All are normally invisible unless selected as the active drawing layer.

Duplicate and create new classes as needed for future setups.

**None**  – normally visible.

**Orchestra Pit-auditorium height**

– Draws in the section view the orchestra pit lift lowered to the auditorium position.

Normally invisible.

Make sure the other Orchestra Pit classes are invisible if you make this one visible.

**Orchestra Pit-orchestra height**

– Draws in the section view. the orchestra pit lift lowered to the standard orchestra position.

Normally invisible.

Make sure the other Orchestra Pit classes are invisible if you make this one visible.

**Orchestra Pit-orchestra shortened height**

– Draws in the section view the orchestra pit lift lowered to an orchestra position 24” below the auditorium position, but higher than the standard orchestra position.

Normally invisible.

Make sure the other Orchestra Pit classes are invisible if you make this one visible.

**Orchestra Pit-plan view** – Draws in the plan view the positions of the side pit platforms and the new apron downstage edge when the orchestra pit is lowered.

Normally invisible in the plan view.

**Orchestra Pit-stage height** – Draws in the section view the orchestra pit lift in the stage (normal) position.

Normally visible in the section view.

Make sure the other Orchestra Pit classes are invisible if you make this one visible.

**Rentals (various)**  – Only in the Music and Events setup .vwx drawing

All are normally invisible unless selected as the active drawing layer.

Duplicate and create new classes as needed for future setups.

**Rigging-ante proscenium**  – Displays all rigging positions on the auditorium side of the proscenium.

Lighting positions will be drawn separately on the LX-positions class, even though they are duplicates of the rigging positions.

This allows the rigging components to be displayed independently of the lighting positions.

Normally invisible.

**Rigging-box boom** – Displays the box boom and tower pipes.

Normally visible.

**Rigging-flyrail** – Displays flyrail, arbor, counterweights, T-track, etc.

Normally visible.

**Rigging-grid** – Displays grid components in section view.

(They are not drawn in any plan view class or layer.)

Normally visible.

**Rigging-linesets plan** – Displays all pipes of linesets in the plan view.

Normally invisible.

Used as a reference for set designers and lighting designers to create their own show plots accurately.

**Rigging-linesets section** – Displays in the section view all linesets in their general “fully-out” position near the grid.

Normally visible.

**Rigging-loading bridge plan** – Displays components of the loading bridges in plan view.

Normally visible.

**Rigging-loading bridge section**

– Displays both mid-loading bridge and upper-loading bridge in the section view.

**Rigging-support** – Displays other support components, such as the fire curtain pockets on either side of the proscenium.

Normally visible.

**Scale figure-seated in audience**

– Displays the scale figures seated in each of the seats in the section view.

Normally visible.

**Scale figure-stage floor** – Displays a scale figure in the section view on the stage floor level just upstage of the proscenium.

**Scale figure-stage floor apron**

– Displays a scale figure in the section view on the stage floor level downstage of the proscenium, on the apron.

**Sheet-4** – Used for lighting drawing #4, which displays viewport for house and aisle lighting.

Normally visible.

**Sheet-seating chart** – Used for the seating chart viewport.

Normally visible.

**Sort me** – Orphaned components.

Normally invisible.

**Stage traps-plan** – Displays stage traps in the plan view.

Normally invisible.

**Stage traps-section** – Displays stage traps in the section view.

Normally visible.

**Structural walls** – Displays all walls of building components in black ink with black fill.

Normally visible.

**Titleblock-border** – Displays the outline border of the title block in plan and section views.

Normally visible.

**Titleblock-keys** – Displays the keys for the title blocks in plan and section views.

Normally visible.

**Titleblock-lighting only** – Displays the keys for the lighting Design Layers.

Make visible when using the lighting layers.

Make invisible when using the scenic layers.

**Titleblock-masking** – Displays masking (white boxes with white borders) for plan view drawings to mask building components near the Titleblock-border.

Normally visible.

**Titleblock-rigging** – Displays the rigging chart on the left for the plan view, rotated and on the top for the section view.

Normally visible.

**Titleblock-scenic only** ­– Displays the keys for the scenic Design Layers. Make active when using the scenic layers.

Make invisible when using the lighting layers.

**Video-AP2 projector sight lines**

– Displays the projector on AP2 and sight lines in relation to the screen on lineset 21.

Normally invisible unless displaying the setup for class Curtains-lecture projection screen.

**Video-booth projector sight lines**

– Displays the sight lines for the projector in TA 203 control booth in relation to the full stage and shooting under AP2.

Normally invisible.

**Video-FOH reference display**

– Displays the reference LCD display behind the FOH mix position (below the projector port) on both plan and section views.

Normally visible.

**Video-lobby reference display**

– Displays the lobby LCD displays and speakers on both plan and section views.

Normally visible.