id Pkg	Quant		m H Amoss PAC Performance Rig	Notes
A.	21	Refurbish	n Single Purchase line sets, each W/:	
		1	New Single purchase upright Headblock	1 set grooved for 1" purchase line
		7	New 8" Upright Loft Block	Custom Clips - per drawing
		7	1/4 GAC Lift lines-	Length as Necessary
		AN	Cable end terminations, per spec	With Trim device at batten end
		1	New Purchase line-	Length as Necessary
		1	New Rope lock	5 11 1 11 60 11 11 110 70 70
		AN	New Oak Top Stop Block Rail assembly.	Entire length of Guide wall- US TO DS
		AN	New Oak Bottom Stop Block Rail assembly.	Entire length of Guide wall- US TO DS
		Z	New Truss Batten Assembly	as noted on dwgs
		Exist Exist	Adjust Align existing Guide Channels Existing Arbor, adjust and replace guide shoes as necessary	
		Exist	Tension Block assembly- Inspect and adjust as necessary	
	3		assemblies, grid mounted, Each With	
	3	3	Grid Mount Stanchion assembly with oak rail	
			Site Wied to Startement assembly with oak ran	
B.	4	Refurbish	n Performance Lighting line sets, single purchase each W/:	
	'	1	New Single purchase Headblock- 8 lines	
		8	New 8" Upright Loft Block	Custom Clips / 1 block for Cable Management
		8	1/4 GAC Lift lines-	Length as Necessary
		AN	Cable end terminations per spec	With Trim device at batten end
		1	New Purchase line	Length as Necessary
		1	New Rope Lock	•
		AN	Cable Cradle for each SO Cable Drop	Provide Yolk assembly for Multiple Cradles
		Exist	Adjust Align existing Guide Channels	
		Exist	Existing Arbor, adjust and replace guide shoes as necessary	
		Exist	Tension Block assembly- Inspect and adjust as necessary	
	1	Performa	ance Lighting Electrical Work	
		4	Relocate Existing Performance Electric Grid J-Box Offstage	See dwgs.
		Lot	New SO Cable for 4 Existing Electrics	Replace with similar gauge and Conductors
		Lot	Cable Strain Relief	Kellum's as noted on dwgs.
		Lot	Termination - each end of So Cable	
		4	Relocate Existing Drop Box J-Box Offstage Approx. 5 ft	See dwgs.
		Lot	Disconnect and reterminate Drop Box cable as necessary	
C.	5	Convert 1	Double Purchase line set to single purchase, each W/: 7' arbor	
		1	Single Purchase loft block	
		1	New Single Purchase Headblock	
		7	New 8" Upright Loft Block	Custom Clips - per drawing
		7	1/4 GAC Lift lines-	Length as Necessary
		AN	Cable end terminations per spec	With Trim device at batten end
		1	New Purchase line	Length as Necessary
		1	New Rope lock	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
		AN	J bar guide wall to extend existing to floor	W/ Battens and wall knees as necessary
		AN	New Oak Bottom Stop Rail assembly.	Set for high trim as shown in dwgs.
		Exist	Tension Block assembly-Relocate to floor Inspect and adjust as necessary	
	1			
)-Base	1	Fire Curt	 ain repairs- Based Bid	ļ
)-Base	1		ain repairs- Based Bid Adjust and repair curtain system as necessary to achieve full	
)-Base	1	Fire Curt	Adjust and repair curtain system as necessary to achieve full deployment	
)-Base	1		Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings	
)-Base	1	AN	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary	
)-Base	1	AN Lot	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure.	
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)-Base	1	AN Lot Lot T 1 1	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly	
)-Base	1	AN Lot Lot Lot 7 1 Lot	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection.	
)-Base	1	AN Lot Lot T 1 1	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly	
		AN Lot Lot 7 1 Lot Exist	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket.	
	1	AN Lot Lot 7 1 Lot Exist	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch-	
D-Alt		AN Lot Lot T T Lot Lot Exist	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent	Equal to JR Clancy 501P-2-W
		AN Lot Lot T T Lot Lot Exist	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper	Equal to JR Clancy 501P-2-W
		AN Lot Lot Lot 7 1 1 Lot Exist Replace of	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper Wall mounted control station	
		AN Lot Lot T T Lot Lot Exist	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper	Equal to JR Clancy 501P-2-W From Scene shop panel or closer if possible
		AN Lot Lot Lot 7 1 1 Lot Exist Replace 6 1 Lot	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper Wall mounted control station	
D-Alt	1	AN Lot Lot Lot 7 1 1 Lot Exist Replace 6 1 Lot	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper Wall mounted control station New Electrical power feed for winch	From Scene shop panel or closer if possible
D-Alt	1	AN Lot Lot Lot 7 1 1 Lot Exist Replace 6 1 Lot	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper Wall mounted control station New Electrical power feed for winch	From Scene shop panel or closer if possible
D-Alt G	1	AN Lot Lot Lot 7 1 1 Lot Exist Replace 6 1 Lot Smoke H	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper Wall mounted control station New Electrical power feed for winch atch Release repairs and upgrades	From Scene shop panel or closer if possible As noted in drawings Work in separate package. Listed here for
D-Alt	1	AN Lot Lot Lot 7 1 1 Lot Exist Replace 6 1 Lot Smoke H	Adjust and repair curtain system as necessary to achieve full deployment New release station SL and SR per drawings Repair and align release line pullies as necessary Replace all Stay/Safety chain and chain clamps to grid structure. New 8" Loft block New Head block Guided Clue Assembly New lift lines and connection. Fire curtain, guides, smoke pocket. existing manual FC winch with Motorized wall mount winch- Motorized FC Hoist Assembly with Brake system and decent damper Wall mounted control station New Electrical power feed for winch	From Scene shop panel or closer if possible As noted in drawings

1 Performance Equipment Package Scope SCALE: NTS

KEYED NOTE SUMMARY ALL NOTES:

- A1- Provide 1" Synthetic purchase line and rope locks for main curtain line set
- A2- Reuse existing Floating Floor Tension blocks all sets adjust and lubricate as necessary
- A3- Provide new rope locks and 3/4" Synthetic purchase line for each existing set at existing index rail per bid package scope and specifications

A4- Add new hardwood Bottom stop block mount to existing stop angle

A5- Reuse existing single purchase arbors- Inspect and replace all connection hardware, Add stickers to backbone to indicate proper spreader plate use location.

A6- Provide New Truss batten for curtain line sets.

- A7- Add new hardwood upper arbor stop length of guide wall
- A8- Add new hardwood sag bar and support frames
- A9- Typical Head block- replace as noted per bid package scope and specifications
- A10- Typical Loft Block- replace as noted per bid package scope and specifications
- A11- Provide clips for ALL loft blocks to span interior of loft well. Grid plate configuration prevents traditional clipping to outside of loft well.
- A12- Replace existing lift lines, cable termination, and hardware for each set per bid package scope and specifications. A13- Provide short sag bar or cable roller assembly to prevent rubbing of lift lines on fire hose main just above grid.
- B1- Add additional loft block and cable lift line for SO cable management
- Provide new Head block to accommodate 8 lift line per bid package scope and specifications.
- B3- Provide new Cable Cradles, I per SO Cable. Provide yoke assembly to secure and hang vertically stacked to single lift line if more than 1 cradle is required.
- B4- Provide High trim stop for each electrics arbor at high trim of cable cradle assembly
- C1- Convert 5 Double Purchase line sets to Single purchase per bid package scope, Relocate operation to floor level
- C2- Extend Existing J bar guides to floor for 5 Linesets. Wall batten, knees, J track as necessary per bid package scope
- C3- Provide new rope lock and purchase line at existing index rail for each relocated Linesets
- C4- Provide new 7' arbor with shoes per bid package scope and specifications for each relocated lineset.
- C5- Relocate existing tension blocks to floor level.
- C6- Demo existing rope locks. Index rail to remain
- C7- Demo existing double purchase arbors. Turn over to owner.
- C8- Typical Head block- replace as noted per bid package scope
- C9- Typical Loft Block- replace as noted per bid package scope and specifications
- D1- Test and Adjust fire curtain for correct operation Adjust batten weight and winch tension as necessary to ensure full closure
- D2- Test and Adjust Existing Hand Crank winch. Adjust decent damper a necessary for correct operation (Base Bid)
- D3- Existing Fire Curtain Fire Alarm Interface box- verify operation, replace battery
- D4- Fire Curtain head Block replace as noted per bid package scope.
- D5- Typical FC Loft Block- Replace as noted per bid package scope.
- D6- Relocate Fire curtain release to this location, provide new pull station and signage. Coordinate exact location with existing services on wall
- D7- Provide power disconnect for motorized Fire Curtain Hoist Assembly. Run new 3 ph circuit to nearest panelboard with available space. Supply breaker if necessary
- D8- Clean and adjust existing fire curtain break release counterweighted stack. Install wire mesh at top of unit to prevent use as trash receptacle.
- D9- Inspect existing Fire Curtain release line. Adjust and repair as necessary and confirm Fusible links installed per code. Add link as necessary
- D10- Replace existing stay chains, Provide rated clamp connection to structure at grid.
- D11- Add spacer under fire curtain release line pulley and extend off wall to allow clear path for release cable.
- D12- Replace Existing Hand Crank Fire Curtain hoist assembly per bid package scope and specifications (Add Alternate)
- E1- Replace all SO cables feeding Lighting Raceways. Length to allow full travel as shown in dwgs. Size per NEC w/1 hot & 1 neutral for each performance circuits + ground per code. Supply 1 eye grip Kellum for each SO Cable in addition to box grip Kellum's noted below.
- E2- Relocate Lighting Raceway Grid Junction box Offstage approx. 15' (Field Verify) Install each new SO cable with Box grip Kellum Reterminate new cable per existing raceway circuit
- E3- Remove existing SO Cable from Raceway. Install each new SO Cable with box grip Kellum. Reterminate per existing circuit layout and confirm address and operation of each circuit
- Relocate existing Drop Box Grid Junction Box offstage as shown. Disconnect and reterminate cable as necessary to relocated and re-feed drop cable through grid
- E5- Existing location of Lighting Raceway Grid Junction box- to be moved as noted above
- G1- Re wrap Smoke hatch cable on hand winch drum correctly with cable running below keeper and not binding.
- G2- Inspect Smoke hatch Release line rigging, adjust and modify as necessary.
- X1- Coordinate air duct relocation with HVAC Sub Contractor
- Ad1- Relocate existing J-bar Guide wall offstage to provide proper arbor spacing and alignment with stage Level Lock Rail. Provide new J-bar, wall batten and wall knees as necessary to ensure smooth operation of relocated sets.

GENERAL RIGGING NOTES

- FIELD VERIFY ALL EXISTING DIMENSIONS AND LOCATIONS OF EQUIPMENT TO BE REPLACED.
- SEE SPECIFICATIONS FOR HARDWARE AND EQUIPMENT REQUIREMENTS
- DEMO AND REMOVE ALL EXISTING HARDWARE AND EQUIPMENT SCHEDULED FOR REPLACEMENT. RETAIN ANY EQUIPMENT AS DIRECTED BY OWNER, DISPOSE OF REMAINING ITEMS
- STORE ALL BATTENS FOR REUSE UNLESS SPECIFICALLY NOTED FOR REPLACEMENT

- THIS CONTRACTOR TO SUPPLY ALL ELECTRICAL WIRING, CONDUIT, AND TERMINATIONS AS NECESSARY FOR THE INDICATED SCOPE OF WORK.
- REMOVE AND STORE ALL CURTAIN TRACKS AND HARDWARE FOR REUSE. REINSTALL AT COMPLETION OF PROJECT.

PERFORMANCE LIGHTING CIRCUIT QUANTITY BY POSITION

- 1ST ELECTRIC -24 PERFORMANCE+ 1 WORKLIGHT
- 2ND ELECTRIC -16 PERFORMANCE + 1 WORKLIGHT
- 3RD ELECTRIC -16 PERFORMANCE + 1 WORKLIGHT
- 4TH ELECTRIC -17 PERFORMANCE + 1 WORKLIGHT DSL DROP BOX - 3 CIRCUITS
- USL DROP BOX 3 CIRCUITS
- DSR DROP BOX 3 CIRCUITS DSL DROP BOX - 3 CIRCUITS.

WH AMOSS PAC STAGE EQUIPMENT UPGRADES

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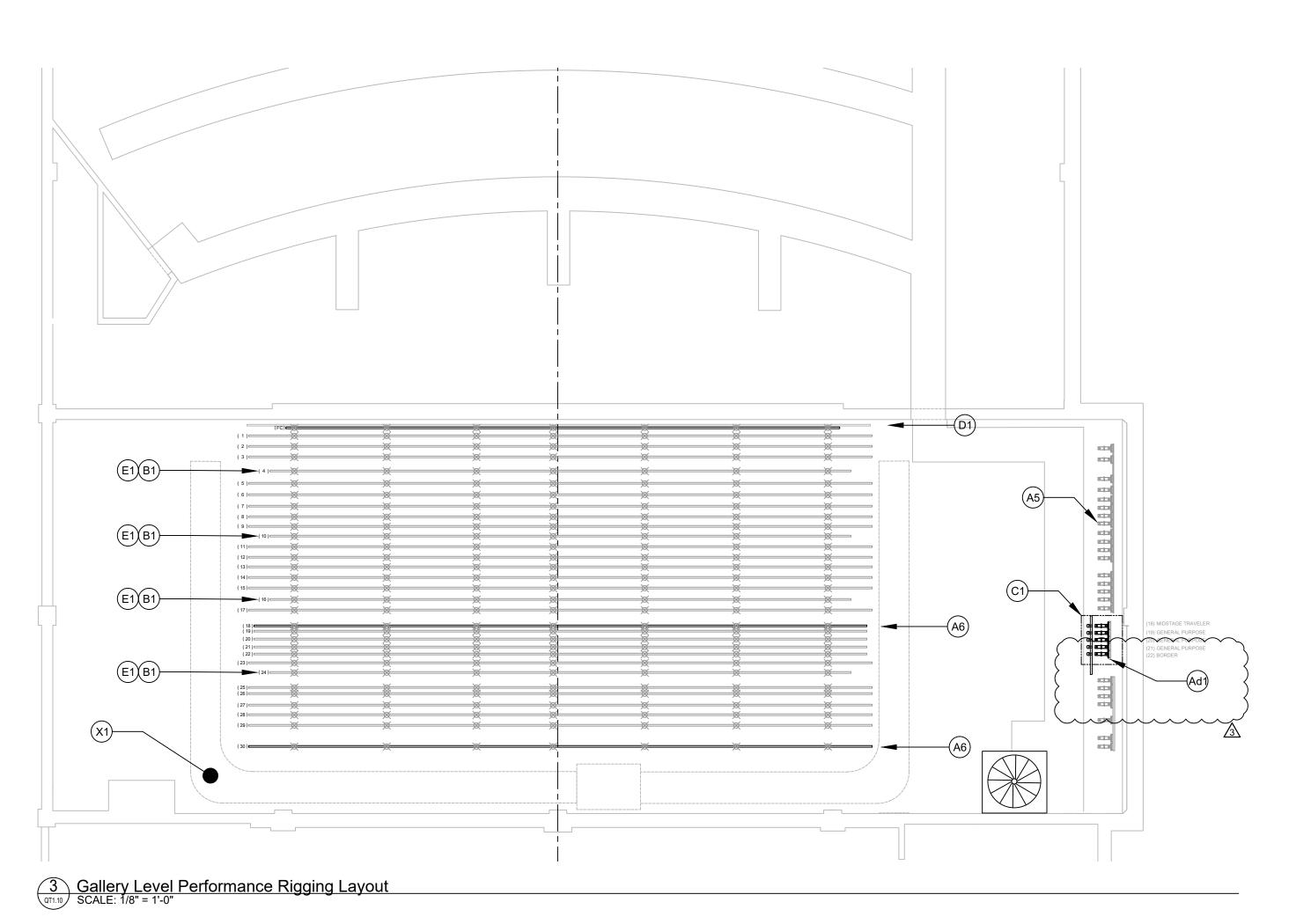
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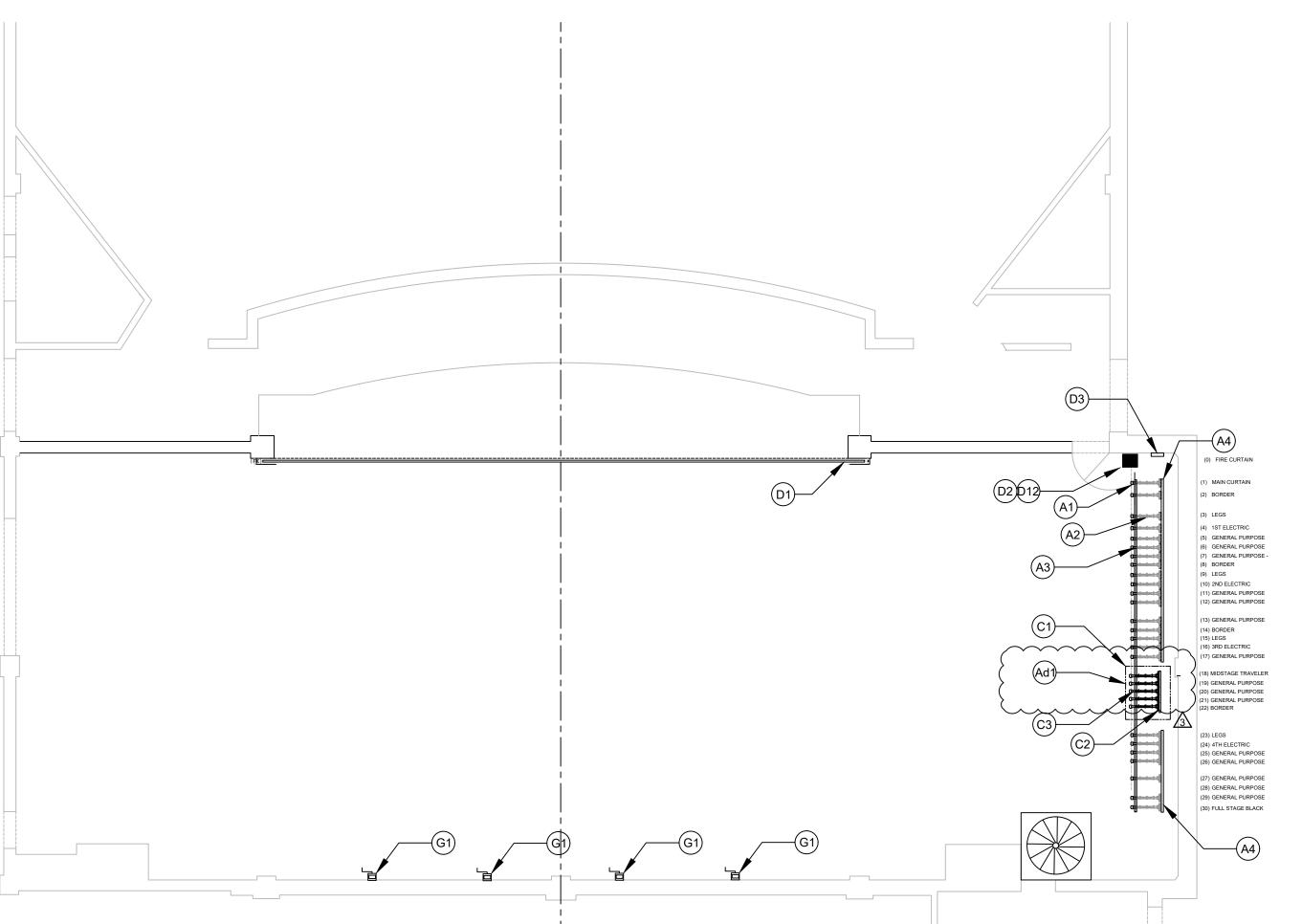
AS NOTED

SCALE: PERFORMANCE RIGGING

PROJECT NUMBER:

Schedules & Notes





Stage Level Performance Rigging Layout
SCALE: 1/8" = 1'-0"

KEYED NOTES:

A1- Provide 1" Synthetic purchase line and rope locks for main curtain line set

A2- Reuse existing Floating Floor Tension blocks all sets - adjust and lubricate as necessary

A3- Provide new rope locks and 3/4" Synthetic purchase line for each existing set at existing index rail per bid package scope and specifications

A4- Add new hardwood Bottom stop block mount to existing stop angle

A5- Reuse existing single purchase arbors- Inspect and replace all connection hardware, Add stickers to backbone to indicate proper spreader plate use location.

A6- Provide New Truss batten for curtain line sets.

B1- Add additional loft block and cable lift line for SO cable management

C1- Convert 5 Double Purchase line sets to Single purchase per bid package scope, Relocate operation to floor level

C2- Extend Existing J bar guides to floor for 5 lineset. Wall batten, knees, J track as necessary per bid package scope

C3- Provide new rope lock and purchase line at existing index rail for each relocated lineset

D1- Test and Adjust fire curtain for correct operation - Adjust batten weight and winch tension as necessary to ensure full closure

D2- Test and Adjust Existing Hand Crank winch. Adjust decent damper a necessary for correct operation (Base Bid)

D3- Existing Fire Curtain Fire Alarm Interface box- verify operation, replace battery

D12- Replace Existing Hand Crank Fire Curtain hoist assembly per bid package scope and specifications (Add Alternate)

E1- Replace all SO cables feeding Lighting Raceways. Length to allow full travel as shown in dwgs. Size per NEC w/ 1 hot & 1 neutral for each performance circuits + ground per code. Supply 1 eye grip Kellum for each SO Cable in addition to box grip Kellum's noted below.

G1- Re wrap Smoke hatch cable on hand winch drum correctly with cable running below keeper and not binding.

X1- Coordinate air duct relocation with HVAC Sub Contractor

Ad1- Relocate existing J-bar Guide wall offstage to provide proper arbor spacing and alignment with stage Level Lock Rail. Provide new Jbar, wall batten and wall knees as necessary to ensure smooth operation of relocated sets.

SET	BATTEN - TO DATUM	ROPE LOCK/HB - TO DATUM	DESCRIPTION	OPERATION- EXISTING	OPERATION- REFURBISHED	BATTEN LENGTH	BATTEN TYPE	ARBOR LENGTH	LIFT LINES	LIVE CAPACITY	NOTES	COMMENTS
FC	-0'-3"	N/A	Fire Curtain	Manual Winch	Motorized Hoist	A/R	Single Pipe	N/A	A/R	A/R	D, J	
1	1'-0"	2'-1 3/4"	Main Drape	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
2	2'-0"	3'-2 1/2"	Border	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
3	3'-0"	5'-0 1/2"	Legs	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
4	4'-4"	6'-1"	1st Electric	Single Pchs Ctwt	Single Pchs Ctwt	55'-0"	Double Pipe	5'-0"	7+1	1500#	B, E, J	
5	5'-6"	7'-0"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
6	6'-7"	7'-9 3/8"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
7	7'-8"	8'-6 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
8	8'-8"	9'-3 1/4"	Border	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
9	9'-7"	10'-2"	Legs	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
10	10'-6"	11'-0"	2nd Electric	Single Pchs Ctwt	Single Pchs Ctwt	55'-0"	Double Pipe	5'-0"	7+1	1500#	B, E, J	
11	11'-6"	11'-9 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
12	12'-6"	12'-6 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
13	13'-5"	14'-2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
14	14'-5"	15'-0"	Border	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
15	15'-5"	15'-8 1/2"	Legs	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
16	16'-6"	16'-5 1/2"	3rd Electric	Single Pchs Ctwt	Single Pchs Ctwt	55'-0"	Double Pipe	5'-0"	7+1	1500#	B, E, J	
17	17'-6"	17'-3 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
18	19'-0"	19'-0"	Traveler -Mid Stage	Double Pchs Ctwt	Single Pchs Ctwt	58'-0"	Single Pipe	5'-0"	7	1200#	C, J	
19	19'-6"	19'-6"	Utility	Double Pchs Ctwt	Single Pchs Ctwt	58'-0"	Single Pipe	5'-0"	7	1200#	C, J	
20	20'-3"	20'-3"	Utility	Double Pchs Ctwt	Single Pchs Ctwt	58'-0"	Single Pipe	5'-0"	7	1200#	C, J	
21	21'-0"	21'-0"	Utility	Double Pchs Ctwt	Single Pchs Ctwt	58'-0"	Single Pipe	5'-0"	7	1200#	C, J	
22	21'-8"	21'-8"	Border	Double Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	C, J	
23	22'-6"	24'-1 1/2"	Legs	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
24	23'-5"	24'-10 1/2"	4th Electric	Single Pchs Ctwt	Single Pchs Ctwt	55'-0"	Double Pipe	5'-0"	7+1	1500#	B, E, J	
25	24'-10"	25'-7 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
26	25'-5"	26'-4 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
27	26'-6"	27'-10 1/2"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
28	27'-5"	28'-10"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
29	28'-5"	29'-7"	Utility	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
30	30'5"	30'-5"	Full Stage Black	Single Pchs Ctwt	Single Pchs Ctwt	59'-0"	Single Pipe	5'-0"	7	1200#	A, J	
	Notes:											
	Δ.	Refurbish Single Purc	hase line set per rigging scope.									
		<u> </u>	1 00 0 1	one Provide new lift line and	o cradica por cocas							
		B: Refurbish Performance Lighting Line Set per rigging scope, Provide new lift line and cable cradles per scope										
			Refurbish DP set, convert to Single purchase per Rig Scope. Move lock to stage level, add addition J bar, wall Batten, and Knees as necessary.									
	D:	Upgrade/Refurbish Fire Curtain Rigging per Rigging Scope										
	E:		Replace Existing power and control cable feed to Raceways per rigging scope.									
		Not Used										
		Not Used										
	H:	Not Used										
	l:	Not Used										
i	J:	Field Verify all dimens	sions prior to removal of existing e	equipment								
	l	i i			1	1	1	1			i	i e



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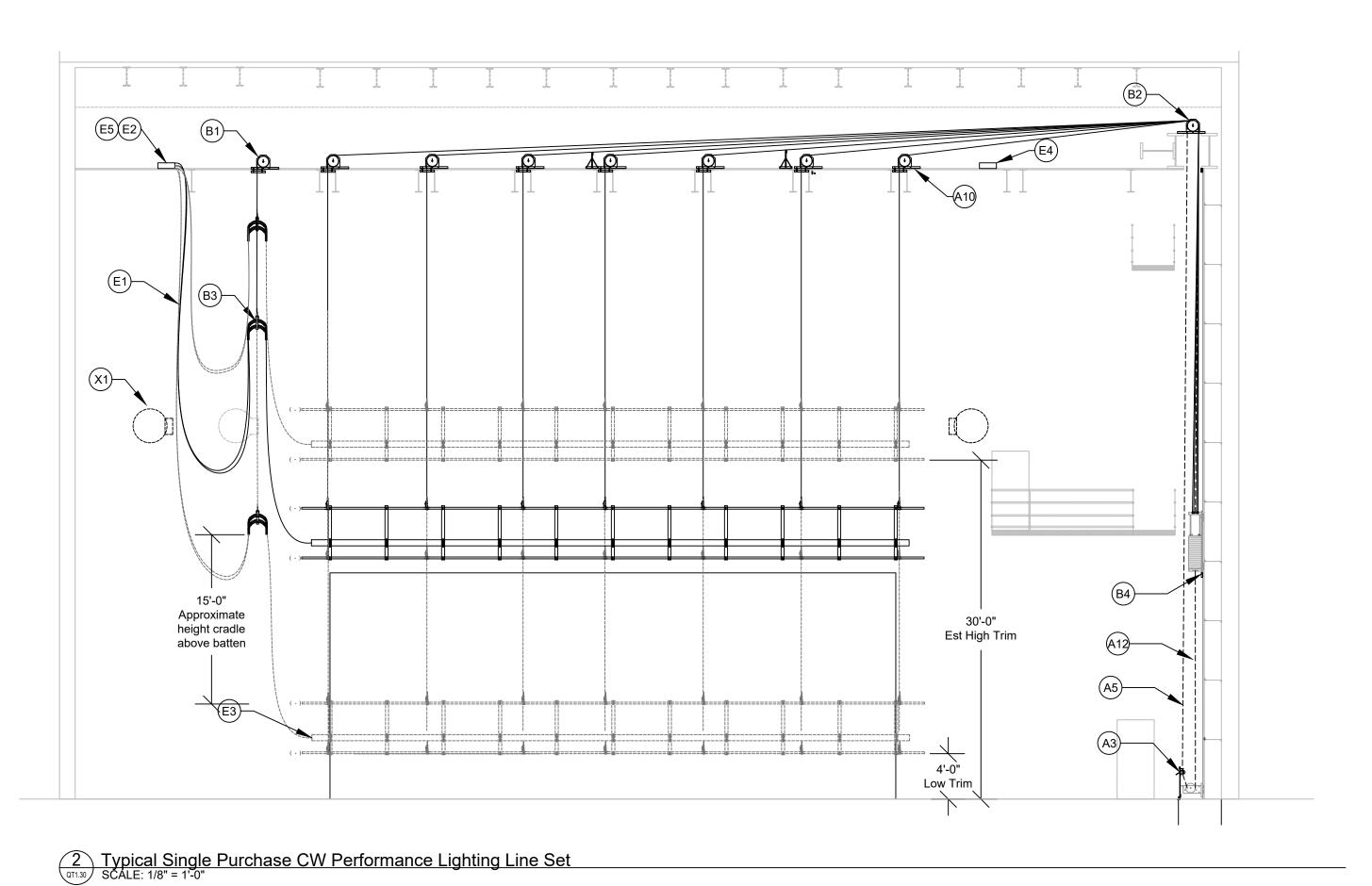
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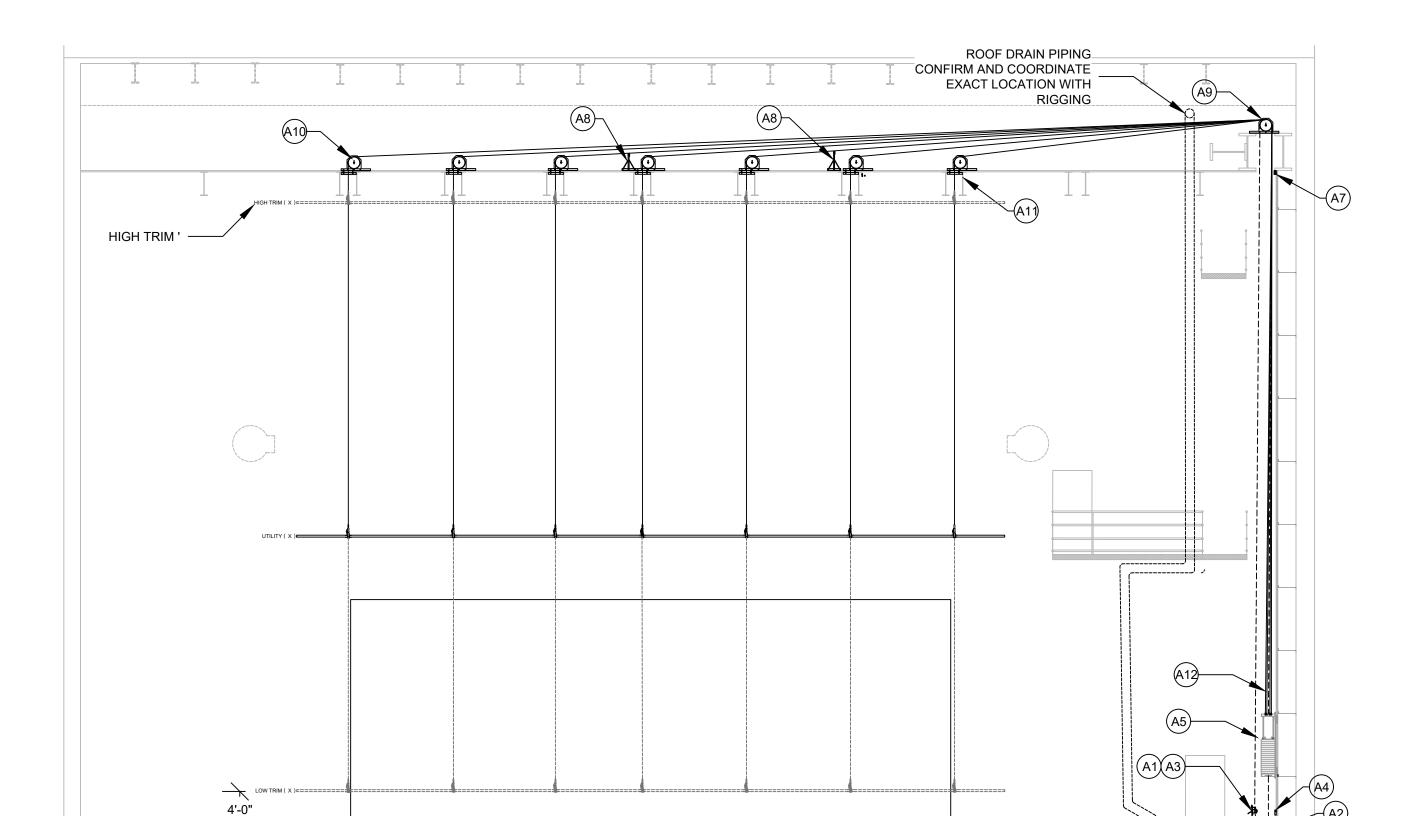
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AS NOTED

Performance Rigging Layouts

QT 1.10





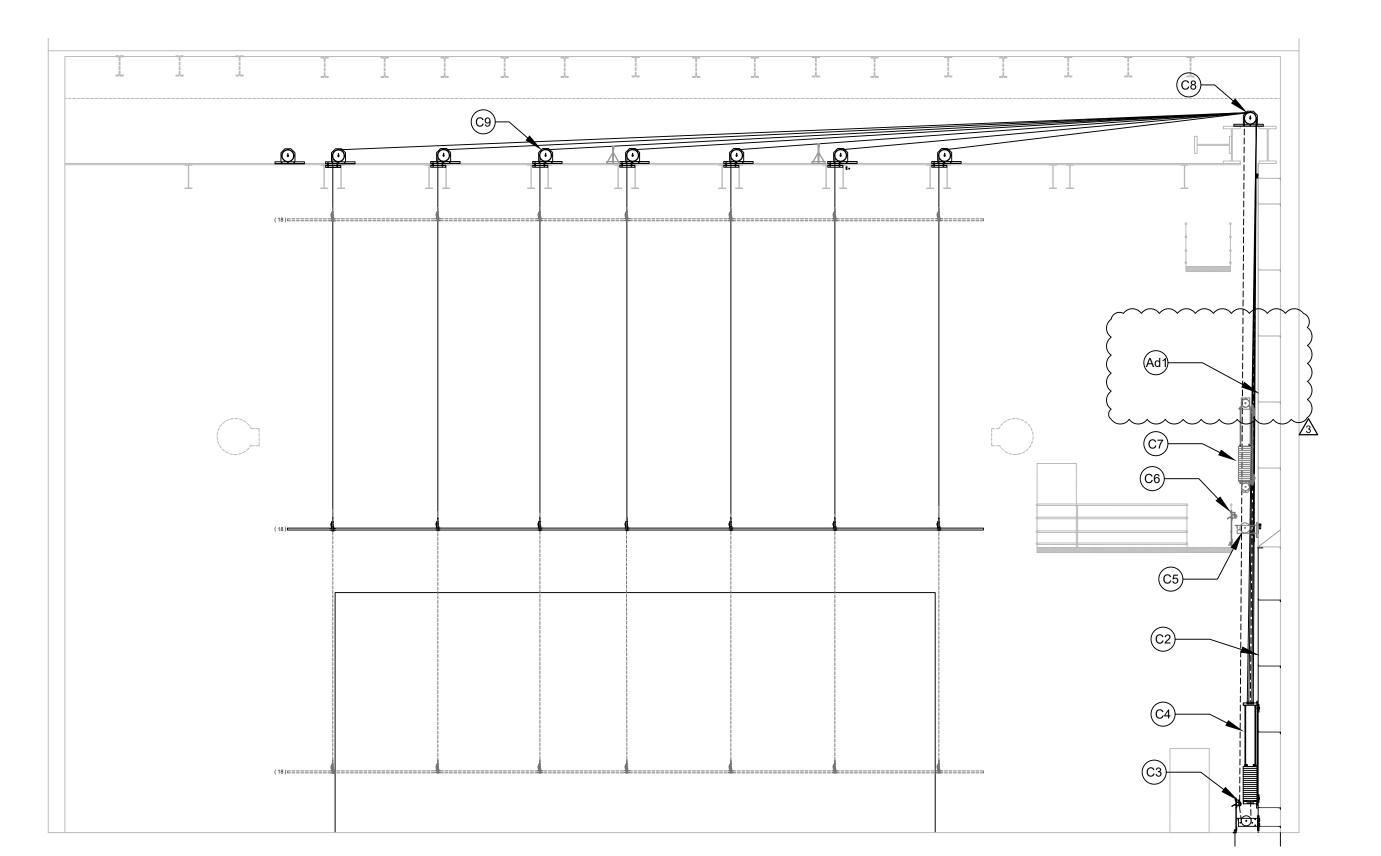
Typical Single Purchase CW Utility Line Set

OTI.30 SCALE: 1/8" = 1'-0"

KEYED NOTES:

- A1- Provide 1" Synthetic purchase line and rope locks for main curtain line set
- A2- Reuse existing Floating Floor Tension blocks all sets adjust and lubricate as necessary
- A3- Provide new rope locks and 3/4" Synthetic purchase line for each existing set at existing index rail per bid package scope and specifications
- A4- Add new hardwood Bottom stop block mount to existing stop angle
- A5- Reuse existing single purchase arbors- Inspect and replace all connection hardware, Add stickers to backbone to indicate proper spreader plate use location.
- A7- Add new hardwood upper arbor stop length of guide wall
- A8- Add new hardwood sag bar and support frames
- A9- Typical Head block- replace as noted per bid package scope and specifications
- A10- Typical Loft Block- replace as noted per bid package scope and specificationsA11- Provide clips for ALL loft blocks to span interior of loft well. Grid plate configuration prevents traditional clipping to outside of loft well.
- A12- Replace existing lift lines, cable termination, and hardware for each set per bid package scope and specifications.
- B1- Add additional loft block and cable lift line for SO cable management
- Provide new Head block to accommodate 8 lift line per bid package scope and specifications.
- Provide new Cable Cradles, I per SO Cable. Provide yoke assembly to secure and hang vertically stacked to single lift line if more than 1 cradle is required.
- B4- Provide High trim stop for each electrics arbor at high trim of cable cradle assembly
- C2- Extend Existing J bar guides to floor for 5 lineset. Wall batten, knees, J track as necessary per bid package scope
- 3- Provide new rope lock and purchase line at existing index rail for each relocated lineset
- C4- Provide new 7' arbor with shoes per bid package scope and specifications for each relocated lineset.
- C5- Relocate existing tension blocks to floor level.
- C6- Demo existing rope locks. Index rail to remain
- 7- Demo existing double purchase arbors. Turn over to owner.
- C8- Typical Head block- replace as noted per bid package scope
- C9- Typical Loft Block- replace as noted per bid package scope and specifications
- E1- Replace all SO cables feeding Lighting Raceways. Length to allow full travel as shown in dwgs. Size per NEC w/ 1 hot & 1 neutral for each performance circuits + ground per code. Supply 1 eye grip Kellum for each SO Cable in addition to box grip Kellum's noted below.
- E2- Relocate Lighting Raceway Grid Junction box Offstage approx. 15' (Field Verify) Install each new SO cable with Box grip Kellum Reterminate new cable per existing raceway circuit
- E3- Remove existing SO Cable from Raceway. Install each new SO Cable with box grip Kellum. Reterminate per existing circuit layout and confirm address and operation of each circuit
- in raceway.

 E4- Relocate existing Drop Box Grid Junction Box offstage as shown. Disconnect and reterminate cable as necessary to relocated and re-feed drop cable through grid
- E5- Existing location of Lighting Raceway Grid Junction box- to be moved as noted above
- X1- Coordinate air duct relocation with HVAC Sub Contractor
- Ad1- Relocate existing J-bar Guide wall offstage to provide proper arbor spacing and alignment with stage Level Lock Rail. Provide new Jbar, wall batten and wall knees as necessary to ensure smooth operation of relocated sets.



WH AMOSS PAC
STAGE EQUIPMENT UPGRADES

Theatre Consultants

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DATE:	IS
PROJECT NUMBER:	HARFORDTECI
SCALE:	AS NO

Elevations

QT 1.30

3 Double Purchase CW Utility Line Set Conversion to Single Purchase- Typ SCALE: 1/8" = 1'-0"