



## Pueblo Memorial Hall Tech Rider Document

1 City Hall Pl. Pueblo CO, 81003  
Updated January-2024



# PUEBLO MEMORIAL HALL

1 City Hall Place Pueblo, Colorado 81003



For almost a century Memorial Hall has been center stage for Pueblo's entertainment, social and civic functions. Its location in the middle of Historic Downtown Pueblo, adjacent to the Historic Arkansas River Project makes Memorial Hall a fundamental component of Pueblo's City Center. In 2012, the 1,600 seat Historic Theatre underwent an \$11.5 million renovation which included added back of house production, expanded stage and orchestra pit as well as state of the art sound and lighting equipment. Memorial Hall re-opened on July 10, 2013.

## **Memorial Hall:**

Physical Address: 1 City Hall Place  
Pueblo, CO 81003

Mailing Address: 320 Central Main St.  
Pueblo, CO 81003

## Contacts

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## TECHNICAL SPECIFICATIONS

### STAGE DIMENSIONS:

Proscenium Width: 41ft 8-1/2in

Proscenium Height: Arched, 24ft 11in at edge, 27' at center.

Depth from Plaster Wall to upstage wall: 28ft 9in

Left Wing Space: 26ft 2in (21ft unobstructed)

Right Wing Space: 26ft 2in (21ft unobstructed)

Apron: Curved apron 31in at edge from plaster line, 61in at center from plaster line.

### STAGE DECK:

Stage Deck: PVC Floating Flooring

Orchestra Pit: 52ft wide x 5ft 4in at center, 9' travel

Lift capability: Gala Spiralift, 8 fpm, static load 125lbs/ft<sup>2</sup>, live load 50lbs/ft<sup>2</sup>, dead load 30lbs/ft<sup>2</sup>.

### RIGGING SYSTEM:

JR Clancy power lift winches with Altus Control System

Spot rigging on single 3" grid decking is rated at 500 lbs.

Spot rigging on double channel (around both 10" C-channels) is rated at 2500 lbs. .

Fly System: Forty (40) fully motorized line sets, Thirty-four (34) variable speed 0-120 fpm at 1080#, six (6) electrics fixed speed 20 fpm at 2050lbs,

Electrics are on Pipes – 3,9,17,24,31,37

One (1) dead hung valance,

One (1) manual counterweight main drape (guillotine)

Operating Gallery: Two (2) plug-in stations at stage level stage right and stage left for mobile control pedestal

Gridiron: Bottom of gridiron 54'6" above stage floor.

Roof Beam (bottom): Sloped roof beams—approximately 56' to 67'

### SOFT GOODS:

1 – Sky drop 56'x28' bleached white muslin, sewn flat & seamless.

4-26' tall by 18' wide flat legs

3 - Blackout Drop: 28'x28' panels, 22oz velour, 75% fullness, black

5 – Sets of Legs: 28'x7', 22oz velour, 75% fullness, black

5 - Borders: 8'x56', 22oz velour, 75% fullness, black

2- 24' wide by 18' panels, 22oz velour, 75% fullness, black

House Main: (Guillotine) Cobalt Blue

## HOUSE LIGHTING

ETC Console and Dimmer Racks

(4) Xenon Strong Super Trouper II Follow spots

### LIGHTING INSTRUMENTS:

Ellipsoidal: Various field angles, 75 fixtures on battens above the stage.

Cyc/Strip Lights: 10 fixtures

Front-of-House Truss with Lighting available at an additional charge.

## HOUSE AUDIO:

Digital Console: 48+ Channel Yamaha M7CL (no IPAD connectivity)

FOH Speakers: thirty(30) RCF HDL 30 (10 per side)

Flown subs 'six (6) RCF HDL 38 (3 per side)

FOH Subs: Four (4) Danley TH115I (two per side)

FOH Fills: (9) Renkus-Heinz SGX42 (nine. Five in one ring, four in the second ring. Fully integrated into stage/lift.)

FOH Fills 4 –RCF 26 placeable per show

Under Balcony Delay: Five (5) integrated Renkus-Heinz TRX81/12

Over Balcony Delay: Two (2) Renkus-Heinz TRX81/12

Stage Monitors: Four (4) Radian Apex Neo 1200XD

DSP Processing: One (1) QSC Q-sys Core 500i

Amplifiers:

- Four (4) QSC CX404 – Front Fills/Delay
- Two (2) QSC PL380 – Subs
- Four (4) QSC PL340 – Monitors

Communication: Clear-com 4-channel partyline

- Sixteen (12) Single Channel Beltpacks
  - Two (2) Dual Channel Beltpacks
  - Twenty (14) Single Sided Headsets,
- 4 squack boxes

## SHOW POWER

Show Power: One (1) 400A 3  $\Phi$ /208VAC Disconnects located up stage right

Additional 400 amp 3  $\Phi$  /208VAC Disconnects located up stage right on request

One (1) 200A 3  $\Phi$  /208VAC Disconnect located up stage left w/isolated ground

Shore Power: 50A 208v NEMA14-50R receptacles plus 20A dedicated duplex receptacles

6 Electrics  
Distance from plaster  
1st - (3'6")  
2nd - (7'3.5")  
3rd - (12'8.5")  
4th - (18'1")  
5th - (22")  
6th - (26.5")

PIPES EXTENDED  
6'-5"

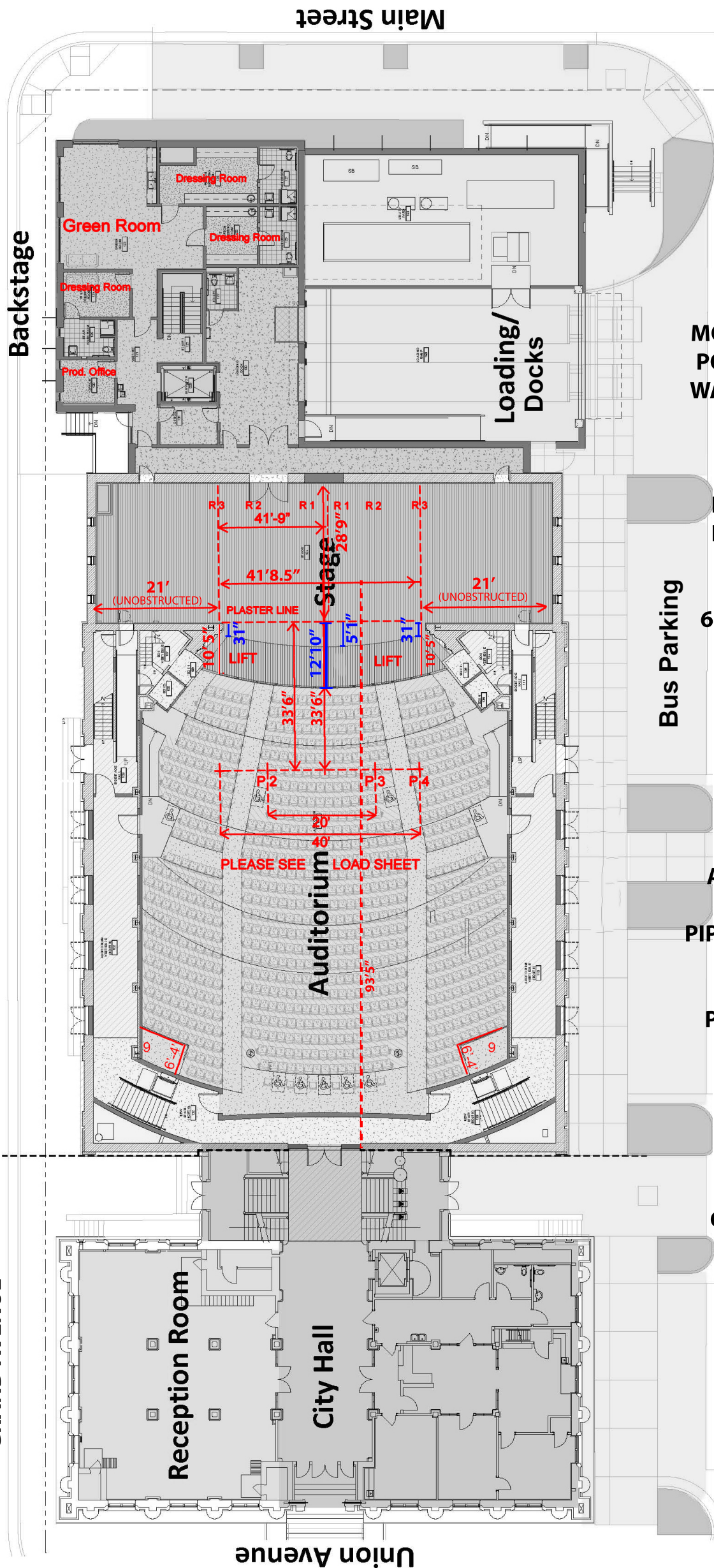
PAST PROSCENIUM IN  
USABLE SPACE  
END IN 3" YELLOW CAP

PIPES SPACED 8.5" ON  
CENTERS

40 PIPE TOTAL PIPES  
MINIMUM DIST TO DECK  
4'

PIPES MAX DIST FROM  
DECK 53"

ELECTRICS MAX DIST  
FROM DECK 49'



MOST UPSTAGE RIGGING  
POINT 4'-9" FROM BACK  
WALL GRID 56'-1" ABOVE  
DECK

R1-5' FROM CENTER  
R2-15' FROM CENTER  
R3-25' FROM CENTER  
BEAMS 3.5"X15"

6.75" BETWEEN BEAMS  
13.5" EDGE TO EDGE  
MOST DOWNSTAGE  
RIGGING POINT 2'-5"  
FROM PLASTER

P-P4  
54'-9"  
ABOVE HOUSE FLOOR

PIPE 1 TO BACK OF HOUSE  
95'6"

PROCENIUM OPENING  
WIDTH 41'8.5"  
HEIGHT SL/SR  
24'11"

CENTER HEIGHT 27'

CURVED PROCENIUM  
OPENING

## Pueblo Memorial Hall Line set Schedule

Pipe #	Distance from Plaster	Notes	Capacity LBS
Dead	8 5/8 in	Fire Curtain with Pocket	1100
dead	8 5/8 in	Dead Hung Legs Hung 18ft off Center	N/A
dead	1 ft (12 in)	Dead hung Valance at 22ft to deck	N/A
man	1ft-7in (19 in)	Manual Guillotine Main curtain	N/A
1	2ft-1 in (25 in)		1080
2	2ft-8in (32 in)		1080
3	3 ft- 6 in (42 in)	Electric one (speed limited to 20ft per min)	2050
4	4 ft (48 in)	Dead Winch Break (Pipe Removed for safety)	N/A
5	4 ft 9 in (57")		1080
6	5ft-5 1/2in (65 1/2 in)	Border two	1080
7	6 ft 1 in (73 in)	Legs two	1080
8	6 ft 9 in (81 in)		1080
9	7ft-3 1/2 in (87 1/2 in)	Electric two (speed limited to 20ft per min)	2050
10	8ft 1 in (97 in)		1080
11	8ft-8 1/2 in (104 1/2 in)		1080
12	9ft-6 in (114 in)		1080
13	10 ft 1 in ( 121 in)		1080
14	10ft-9 1/2 in (129 1/2 in)	Border three	1080
15	11ft-6 in (138 in)	Legs 3	1080
16	12ft 1/2 in ( 144 1/2 in)		1080
17	12ft-8 1/2 in (152 1/2 in)	Electric three (speed limited to 20ft per min)	2050
18	13ft-5in (161 in)		1080
19	14ft 1/2 in (168 1/2 in)		1080
20	14ft-8 in (176 in)		1080
21	15ft-5 in (185 in)		1080
22	16ft 1 in (193 in)	Border four	1080
23	16ft-9 in (201 in)	Legs four	1080
24	17ft-4 1/2 in (208 1/2 in)		1080
25	18ft 1 in (217 in)	Electric four (speed limited to 20ft per min)	2050
26	18ft-9in (225 in)		1080
27	19ft-5 1/2in (233 1/2 in)		1080
28	20ft 1 1/2 in ( 241 1/2 in)	Border five	1080
29	20ft-8 1/2in ( 248 1/2 in)	Legs five	1080
30	21ft-3 1/2 in ( 255 1/2 in)		1080
31	22ft (264 in)	Electric five (speed limited to 20ft per min)	2050
32	22ft-8in (272 in)	Dead Winch Break (pipe Removed for safety)	N/A
33	23 ft-5 in (281 in)		1080
34	24ft 1 1/2 in ( 289 1/2 in)		1080
35	24ft-9 1/2 in (297 1/2 in)	Border six	1080
36	25ft 5 1/2 in (305 1/2 in)	Legs six	1080
37	26 ft 1/2 in (312 1/2 in)	Electric six (speed limited to 20ft per min)	2050
38	26ft 9 1/2 in ( 321 1/2 in)	24ft Front Projection Screen	1080
39	27ft 5 in (329 in)	Full Stage Cyc	1080
40	28ft (336 in)	Full Stage Black Curtain	1080
Wall	28 ft 9 in (345 in)	UP Stage Wall	n/a

## Pueblo Memorial Hall Line set Schedule Notes























- All pipes and Electrics are 56feet in Length
- All pipes high trim limit is 53ft, low trim is 4ft
- All Electrics High Trim is 49ft, low trim is 4ft
- Pipe 1 to back of house is 95ft 6in
- Soft goods are 28ft tall, 26 ft tall, and 18 ft tall
- Plaster line to back wall is 28' 9
- Procineum Opening Width is 41ft 8 1/2 in wide
- Procineum Opening is Curved; Height Outside Stage Left/ Stage right is 24ft 11in
- Procineum Opening Height at Center is 27 ft (Remember: this is curved)
- 21ft of unobstructed wing space on Stage Right and Stage L
- Plaster to Front Truss is 33ft 6in
- Spots to Plaster line is Approx 115ft
- Pipes can not be married
- Line set maximum speed is 120ft/min for lines & 20ft/Min Electrics
- Plaster line to back of house is 93ft 5in
- In the grid, hoists start at 15ft 2in from center stage, stage left & stage right
- Our grid ends 30ft 6in from center stage
- Stage thrust at center stage extends 5ft 1in (61in) from the plaster line
- Stage thrust at stage left and stage right extends 31 in for plaster line (curved stage)
- With pit up, from plaster line at center stage extends 12ft 10in (154in)
- With pit up, from plaster line at stage Left/stage right extends 10ft 5in (125in)
- The two downstage motor points are 9ft downstage from the plaster line and are 22ft 2in off center
- Total excess grid capacity is 45,000Lb

U.S.R.	R80	6th Electric #	U.S.L.
		216	
		215	
		214	
		213	
		212	
		211	
		210	
		209	
		208	
		207	
		206	
		196	
		205	
		204	
		203	
		195	
		202	
		201	
		200	
		199	
		198	
		197	

Led Pipe #					
	R20	R26	R90	R80	
	R20	R26	R90	R80	
	R20	R26	R90	R80	
	R20	R26	R90	R80	
	R20	R26	R90	R80	

5th Electric # 8ft-6in Clamp to Clamp for Cyc Washes Note 183 is Dead

Power Mover 172

172	171	170	169	168	167	166	165	164	163	162	161	160	159	158	157	156	155	154	153	152	151
																					

130

[illegible][illegible]

2100 Electric

D.S.R.

106 R49

105 R26

104 R80

103 R80

102 R26

101 n/c

100 R13

99 R80

98 R26

97 n/c

96 n/c

95 R26

94 R80

93 R13

92 n/c

91 R26

90 R80

89 R80

88 R80

87 R26

86 R49

D.S.L.

103

88

[illegible]

Source4 19deg

Source4 26deg

ETC Par Wide

Hotbox RGBAW

Open Circuit

Stage View

# Memorial Hall Pueblo Back of house space inventory

## Main Level

Loading dock 25'W by 16'D

- Truck height 2 truck dock
- 2 roll up doors 8'-6" W by 10'H
- 1 Walk-up door with a ramp to ground level 39" by 93"
- Dock Space 2 has a hydraulic dock leveler.
- Dock Space 1 can use the elevator to unload longer trusses. (Utilizing elevator)
- Single stall ADA crew bathroom accessed from the loading dock

**Double Stage Door from Dock to Cross Over 8'W by 10'H (93" W clearance with door swing clearance)** (Door Swings into Loading Dock)

## Crossover Hall (directly upstage)

- 5'-5"W by 70'L
- Double Main Loading door 8'W by 10'H (Door Swings onto stage)
- Stage Left and Right Doors 33" W by 82.5"H (Doors swing into crossover)

**Elevator from the loading dock to basement laundry, wardrobe, and downstairs dressing rooms**

- Elevator Door 4'W by 7'H (elevator has a pass through to green room and upstairs dressing rooms)
- Elevator 64.5" W by 8'ftD

**Room 131 Memorial Hall Office 11'-10" by 7'-2"**

- Doors from the loading dock and greenroom side. Hardwire internet connection.

**Room 120 Traveling Production Office 10'-6" by 8'10"**

- Hardwire internet is possible.

**Room 124 Star Dressing Room 13'D by 9'3" W**

- With Private Bathroom 7'-7" by 10'-6" with shower stall

**Room 123 Green Room 24'-11" by 28'-8"**

- 2 Basin Sink with 8ft of counter Space

**Room 126 Dressing Room 11'-5" by 20' (off Green Room 123)**

- 11 Mirrored Makeup Stations (one station with a sink)
- Bathroom with shower 11'-3" by 7'-6"

**Room 128 Dressing Room 10'-7" by 11'-10" (off Green Room 123)**

- 8 Mirrored Makeup Stations (one station with a sink)
- Bathroom with shower 10'-7" by 7'-6"

## Basement Level (Stairs or Elevator access)

- Basement Common Area 18'-2" by 49'-6"
- Laundry Room 16' by 8'(2 washers 2 dryers)
- Basement Men's Bathroom 2 sinks, 1 urinal, 1 stall, 1 ADA stall.
- Basement Women's Bathroom 2 sinks, 2 stalls, 1 ADA stall

**Room 15/16 Large Downstairs Dressing Room 31'-5" by 15'-7"**

- 10 Makeup Stations (2 Makeup Stations have Sinks)

**Room 35 Small Dressing Room 7'-5" by 9'-9"**

**Room 36 Small Dressing Room 7'-5" by 9'-9"**

- 2 Makeup Stations and Sink

**Pit Area Under Stage 7'-8" by 22'**

- Sliding Door from movable pit 9'W by 6'-4" H

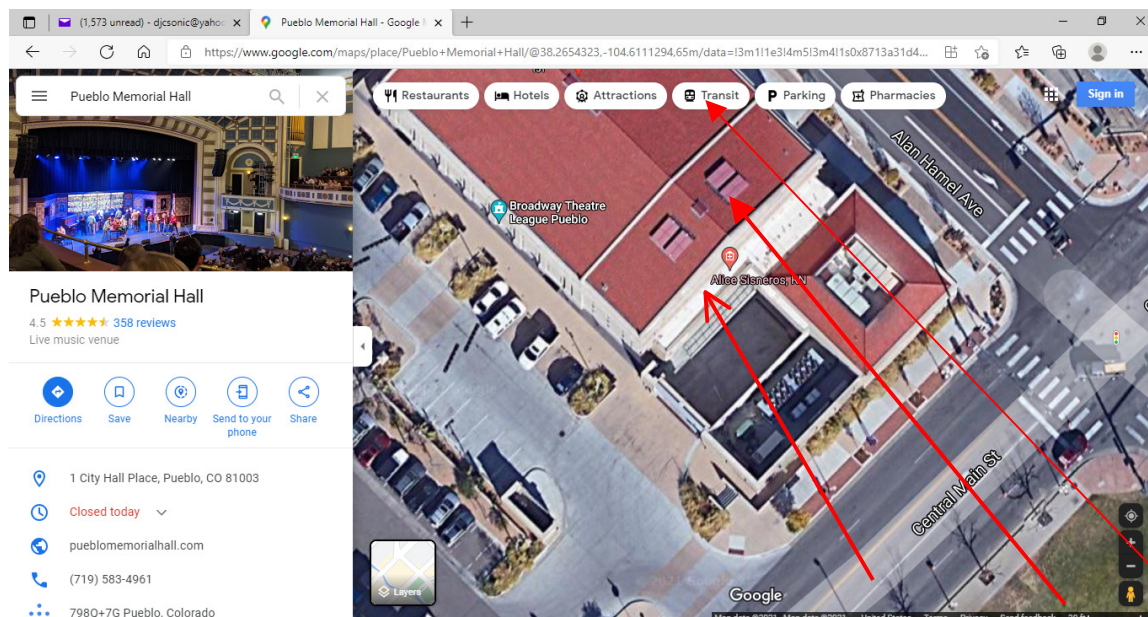
**Gala Pit Lift 7'-8" by 44'**

- Lift Capacity 17,600Lbs evenly distributed.
- Static Lift capacity 44,000lbs evenly distributed.

# Loading Dock/Driving Directions



Looking at the driveway of Memorial Hall dock standing on Central Main St look to the north. The big garage door will be open the bus should park in the dock space closer to the walk up ramp.



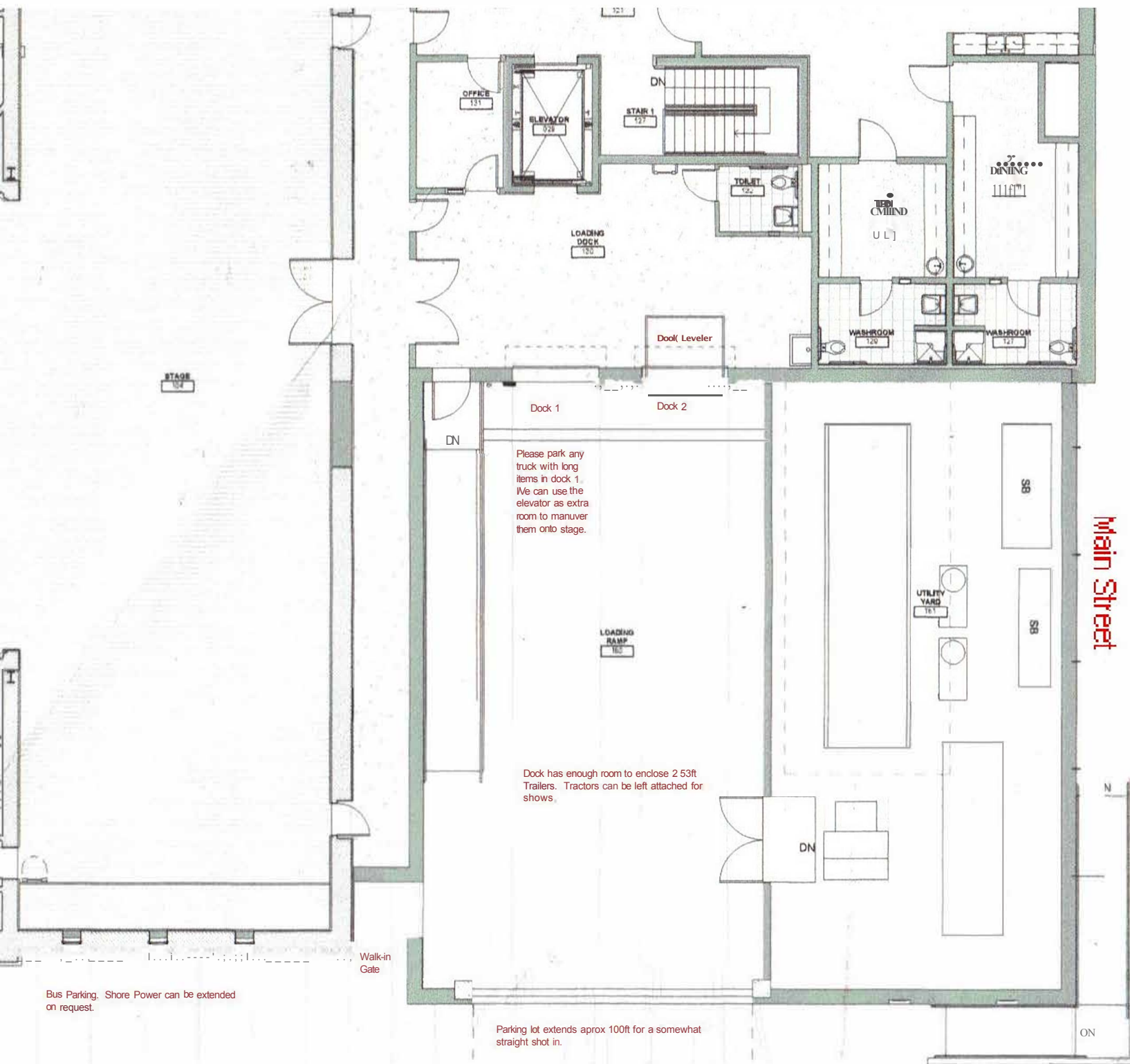
Overhead Google map showing the loading dock of Memorial Hall. Walk Ramp.

Google maps shows good directions at 1 City Hall Place, Pueblo, CO 81003.

The stage is the area of the building under the 4 pink smoke pocket doors. Best driveway for the bus is from Central Main Street just past Alan Hamel Ave. Pull the bus forward into the dock leaving the trail sticking out. Dock will be open and clear. Shore power is by each roll up door.

Dave Cesario if any problems. 713-822-9264

# Loading Dock Layout



## LOADING DOCK INFO

Two truck bays, truck height with one dock leveler, loading doors 10' high x 8'8" wide

## NAVIGATION

Located 100 miles South of Denver at the City Center Drive exit (98B) off of Interstate 25, turn right onto City Center Drive for 3 blocks then left onto N. Union Ave, Memorial Hall is on the left.

The Colorado Springs Airport, which is only a 40-minute drive from Pueblo, has numerous flights to and from destinations throughout the country. In addition, access to regional flights is available at the Pueblo Memorial Airport.

## HOTELS

Courtyard Marriott:

Adjacent to the Pueblo Convention Center (two blocks away from Memorial Hall) this 163-room hotel is a member of our joint sales team and assists in accommodations for the groups that come through our facilities.

Springhill Suites by Marriott:

Located just across the street from the convention center, Springhill provides an additional 105 rooms and is also a member of our joint sales team.

## Seating and Ticketing Information:

Seating Capacity            1,614 with pit seating installed  
                                     1,583 with pit seating removed

Orchestra Level – 862 seats (includes pit seating and ADA)

Balcony Level – 752 seats (includes ADA)

Venue Charges a \$3 Facility Fee on all tickets

Credit card sales are billed to promoters at 3.5%

Venue uses the Paciolin ticketing system exclusively

Venue Box Office is open from 9 am – 5 pm Monday – Friday  
with the exception of major holidays.

Ticketing reports can be generated and sent on a  
daily/weekly/biweekly basis via email upon request.

