



William Close and The Earth Harp Collective Technical Rider Requirements & Installation Details



This is a general rider for DUET & TRIO productions

SOUND

Purchaser to provide concert quality sound system and back line to suit the needs of the overall program inclusive of the Performance. Please check with Management about specific needs for your show.

High quality sound system adequate for venue - with operator
High Quality Reverb and Delay unit
3 monitor and side fills

INSTRUMENTATION (varies per event)

Earth Harp - 3 Direct boxes - on stage power
Drum Cloud -3 microphones Sure sm57s
Violin - 1 Direct Box and onstage power
Drum Jacket – 1 Direct Box, onstage power
2 Vocal mics (1 wired + 1 Wireless)
Drum Pads - 2 direct boxes
Midi Keyboard w/laptop - 1 DI, power and mini keyboard stand (small table, if stand unavailable)
1 wireless Talk Mic for William next to Earth Harp
Electric piano - 1 Direct box
Computer - 1 Direct box

International Electrical Power - power converters for 220 - 110 (one fore each performer)

BACK LINE

4 music stands

2 standard speaker stands to support the Drum Cloud

1 electric piano and stand, 88 weighted key - brands Yamaha mx 88 or something comparable.

LIGHTING

Purchaser agrees to provide a lighting system and operator to be mutually agreed upon by Event Producers, Lighting Director, and Artist. Floor lighting to showcase the Earth Harp and dedicated fixtures to highlight individual performers and instruments to be included and decided on a case to case basis. The general parameters of our requirements are as follows:

Theater Lighting operator

*** 8-12 incandescent par cans on floor mounts for the Earth Harp - these lights rest on the staging platforms of the Earth Harp, under the strings, creating a crucial reflective lighting effect on the strings. See below...**

4 – 8 moving lights resting on the stage
Hazer and smoke machine

Side lighting white and amber

3 down lit specials for performers. Suggestions:

Downstage left special for vocalist – rose

Downstage left special – rose

Downstage center two specials side by side – rose

Mid stage center two specials side by side – rose

Up stage floor two lights to backlight drum clouds.

LIVE CAMERA

Live camera / I mag is recommended for the performance. The cameras can get in close on the performers and instruments allowing the audience a up close experience of the performance.

WIFI - Access code to wifi internet is needed by the Install and performance team.





STAGING

Please have all staging built and in place before the install team arrives.

Stage size tbd - ideally at least 24 wide 20 deep.

RISERS

8' x 8' x 1'h carpeted drum riser

8' x 8' x 2' riser for Earth Harp (this unified riser either gets attached or tied back to the stage. Or it is weighted down with 1200 lbs of stage weight.

Load in and Load out and Stage Hands

Load in and setup takes approximately 4-5—hours for all instruments including Earth Harp. Load out is one hour.

Three stagehands are needed for load-in, setup and load-out.

Once the Earth Harp is set it cannot be moved until after the performance. After the performance, all of the instruments except the earth harp can be quickly moved off stage, provided there is enough room in the wings, or they can be dismantled in approx. 1/2 hr.

Earth Harp Load out - Strings are released from there Earth Harp base. They are then gathered and clipped off on the other end. String is recycled.

Travel, Shipping, Ground Transportation and Housing

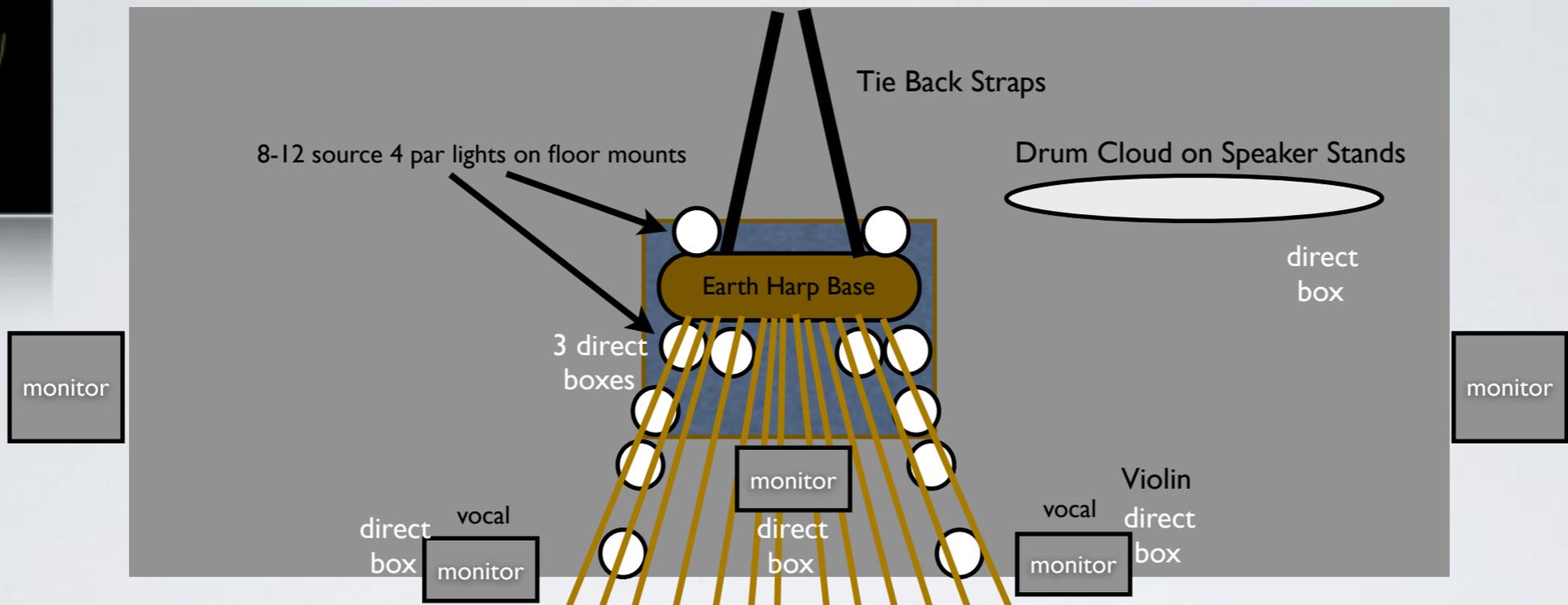
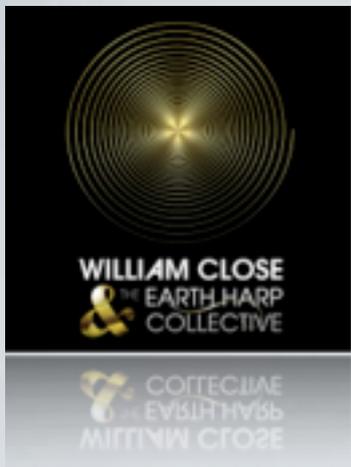
Travel consists of 4-7 round trip air tickets fro Los Angeles.

Shipping is a usually a \$1000 - \$2000 buyout from the presenter. This is to pay excess baggage fees.

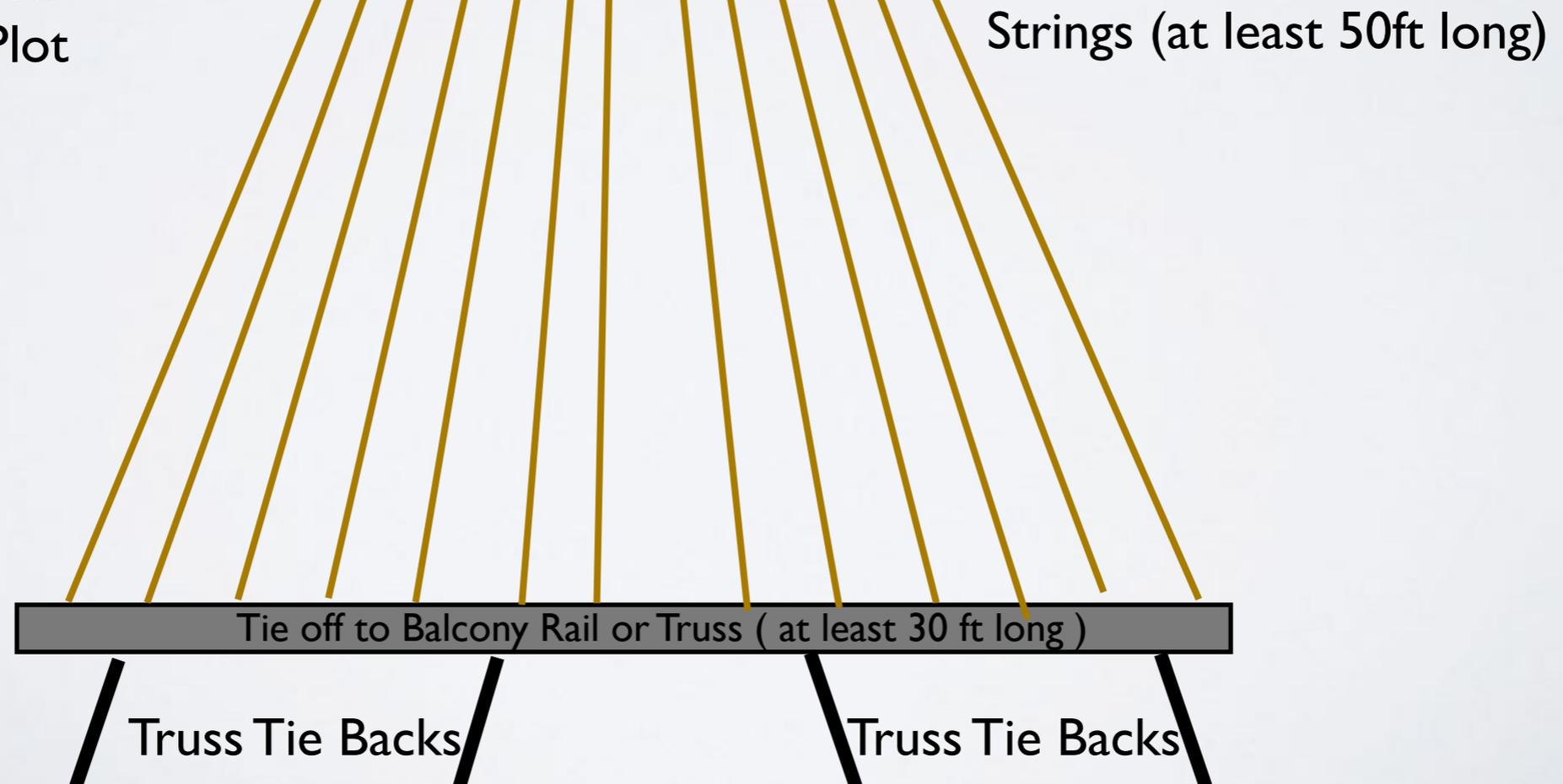
All the equipment travels as baggage on the plane. All instruments arrive by plane with the performance team.

Ground Transportation from and to the Airport, Hotel and Venue needs to cover 2-3 performers and the 7 pieces of luggage. Usually it is a large van or an Escalade(suv) and a town car.

Housing - Performance team is to be put up in individual rooms at a nice business class hotel. 2-3 rooms - King Beds non smoking.



Earth Harp Collective General Stage Plot





Earth Harp Staging and Rigging

The Earth Harp Base (Resonating Chamber) requires at minimum an 8ft X 12ft (8x8 if need be) staging platform that is roughly 2ft in height. The Earth Harp can be affixed to the stage with 4 small wood screws that go straight into the platform. If it is not acceptable to screw directly into the stage, then 1200 lbs. of stage weight will be necessary to keep Earth Harp in place on the stage. Two Ratchet Straps come off the back of the Earth Harp and attach to the underneath of the staging platform or some other tie off point behind the Earth Harp. These straps hold all the tension so the points need to be strong.

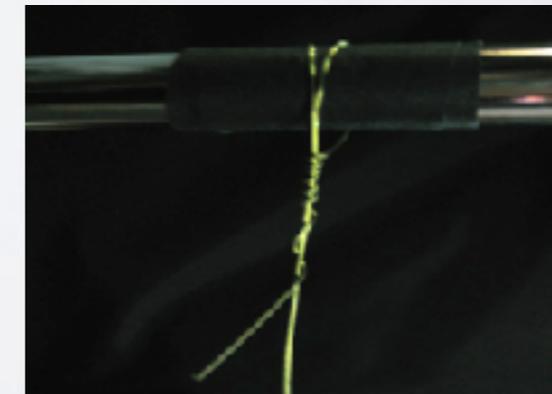
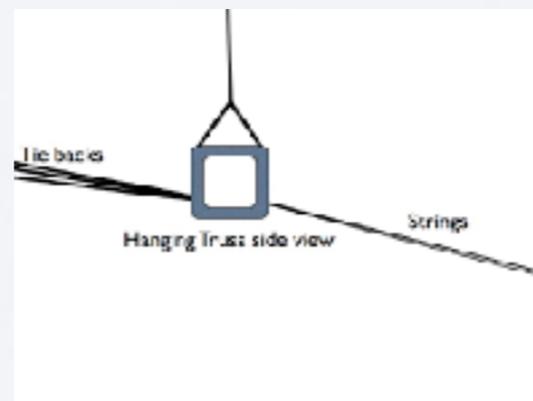
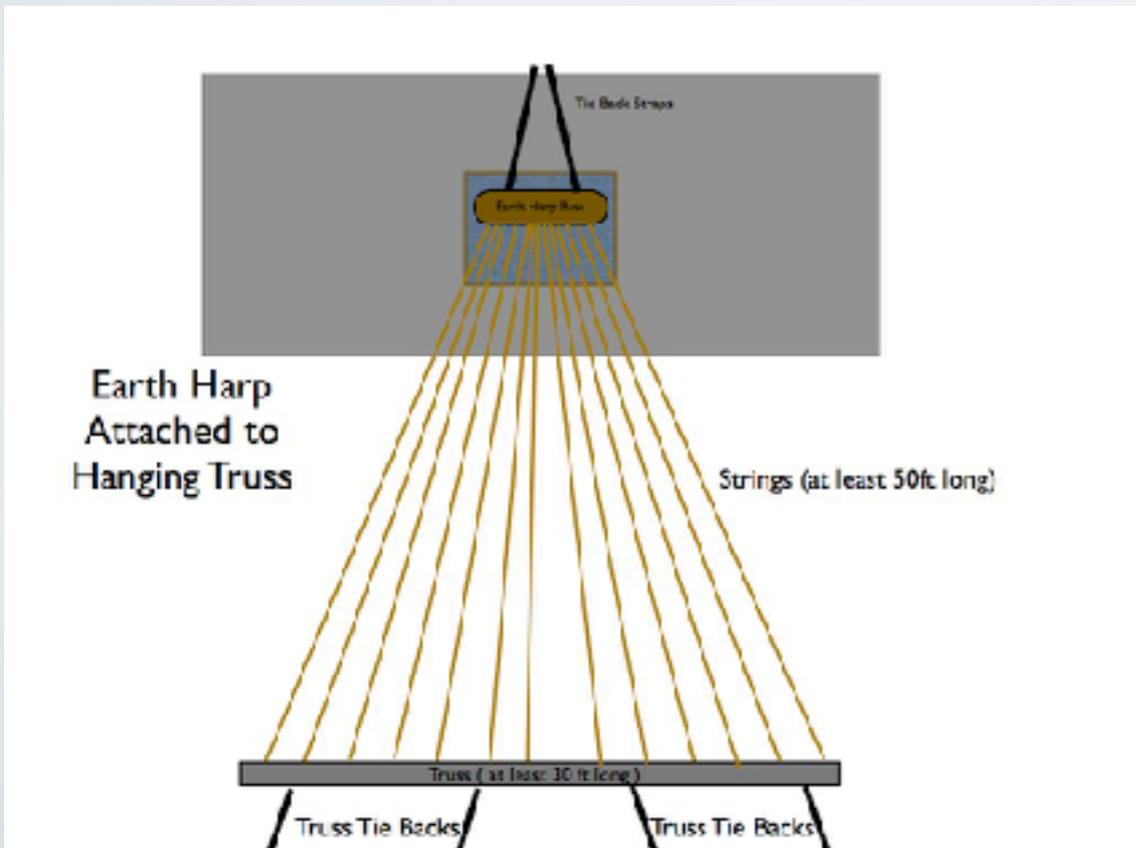
The strings attach directly to any existing architectural structure. Hand railings of a balcony are usually perfect. By code hand rails need to handle close to 500 lbs of push per foot. This is 10 X the amount of pull put on from one string (50 lbs of pull). The strings are tied off with approximately 2ft between each tie off.

Strings can also tie off to lighting truss. The truss should be at least 30ft in length and at least 50 ft from the stage. The strings tie off to truss and railings in the same manner. It wraps around the rail/truss three times and then wraps around itself 7 times. it is important not to put any bends in the tension side. see image below

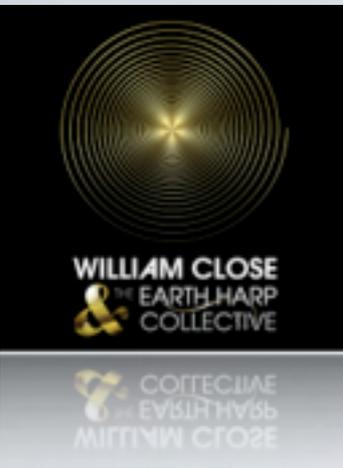
Important If the strings are attached to a hanging lighting truss it is very important that the truss is tied back on the opposite side from the string attachment. This is to counter act the pull of the truss toward the stage, The truss should ideally be tied back with four points at a similar or lower angle then the angle od the Strings. See diagram below.

Necessary materials for setup:

1. Scissor Lift that can reach at least 40 ft. or the hight of the strings
2. 12 to 15 ft. A-Frame Ladder
3. Gaff tape
4. Power Drill with philips driver bit
5. 1200lbs of Stage Weight only if it is not possible to screw wood screws into the stage

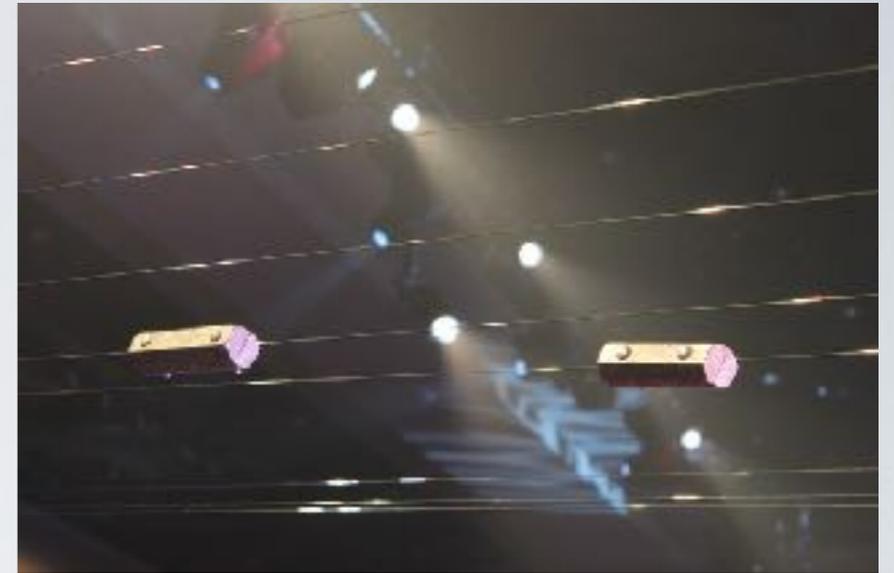


String tie off -



TUNING:

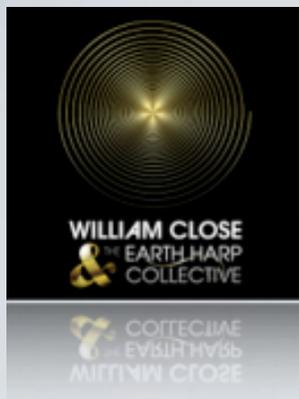
The strings run from the resonating chamber of the Earth Harp at the Stage to the Truss or Architectural Structure. The strings are then pulled taut, and then tuning can begin. Wooden blocks are attached to the strings at specific distances from the Earth Harp chamber. A Scissor Lift and or a large A-Frame Ladder will be necessary to reach the strings and attach the tuning blocks. For safety we wrap gaff tape around the blocks and use a wrench to tighten the wing nuts.



Earth Harp Strings, tension and safety

- The strings are made of a special spring tempered brass wire and are 0.035 in diameter, which is roughly the thickness of spaghetti.
- Each string has approximately 30 lbs of tension - This is **NOT a lot of tension**. It is a low tension instrument.
- Earth Harp installations are **completely safe** to audience and architecture.
- The strings attach directly to a truss or any existing architectural structure. Hand railings are usually perfect. By code hand rails need to handle close to 500 lbs of push per foot. This is 10 X more than the amount of pull put on from a string.
- There is never a great deal of tension at any one point in the architecture as the strings go to multiple points, dispersing the tension load.
- The strings wrap around a railing or other tubular aspect of the architecture, or a large C-clamp can be attached to the architecture and the strings attach to the C-clamp.
- Installations are usually between 16 to 24 strings in total, sometimes more if the installation allows.
- There is great caution in dealing with the architecture. Where ever the strings come in contact with architecture gaff tape or cloth is used to protect the architecture.





SECURITY

Purchaser shall provide adequate security to guarantee the safety of the audience and the Artist. Special arrangements shall include overnight security as necessary to protect Artist's unique group of instruments, which may be left overnight in public places.

DRESSING ROOM

Purchaser shall provide a minimum of 2 lockable, safe, clean, dressing rooms. Purchaser shall provide backstage security to prevent unauthorized personnel from having access to the dressing area. Special arrangements shall include a storage room for packing equipment and carts.

HOSPITALITY

Unless otherwise indicated, Purchaser will provide an allowance of hot and cold beverages, including juices and unlimited bottled water in the dressing rooms for the sole use of Artist and crewmembers (up to 4 people). In addition all performances require the following:

Two bottles of Chardonnay (two bottles of pinot or cabernet)

Two 6 packs of imported beer

Unlimited Tea, coffee, water and fruit

Meals

Please communicate directly with Artist for specific needs, as they vary based on performers.

Morning shows: Odwalla/natural juices, bananas, black tea, herbal tea, soy milk, honey, water, pastries, oatmeal, muffins, bagels

Afternoon shows: Vegetarian sandwiches and salad, fruit, soda, water

Evening shows: 3 Chicken or fish entrees, 3 vegetarian entrees, tea, water, sodas, salad or greens — change to ask according to performers

Wifi - Artist is given access to wireless internet.

Video and Audio recording

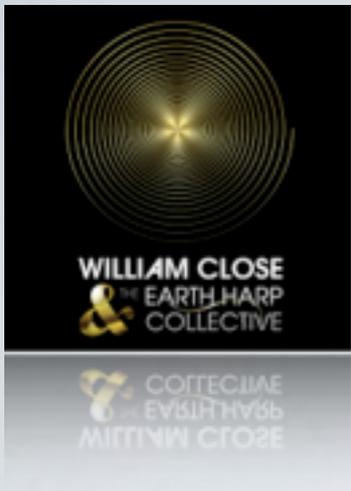
Whenever possible Purchaser will record the video and audio of the performances and supply Artist with quicktime and audio files.

Merchandise

Purchaser agrees to provide a Merchandise table with one person to provide sales of ARTIST merchandise. Commission structure to be worked out in subsequent agreement.

Loading and Parking

Purchaser agrees to provide 1 parking space for suv during the length of the performance including overnight. A loading entrance should be as close to performance area as possible. Venue provides at least 2 flatbed rolling carts for load in and load out. Stage hands help with load in and load out.



Some of the William Close Instruments



Drum Jacket - 1 direct box



Drum Cloud supported by speaker stands and microphones behind



Earth Harp - well light from underneath



Aquatar - 3 direct boxes



Drumbrella - 1 microphone on short stand



Earth Harp strung to balcony of a performing arts center



Drum Orbs (only sometimes used in the performance)



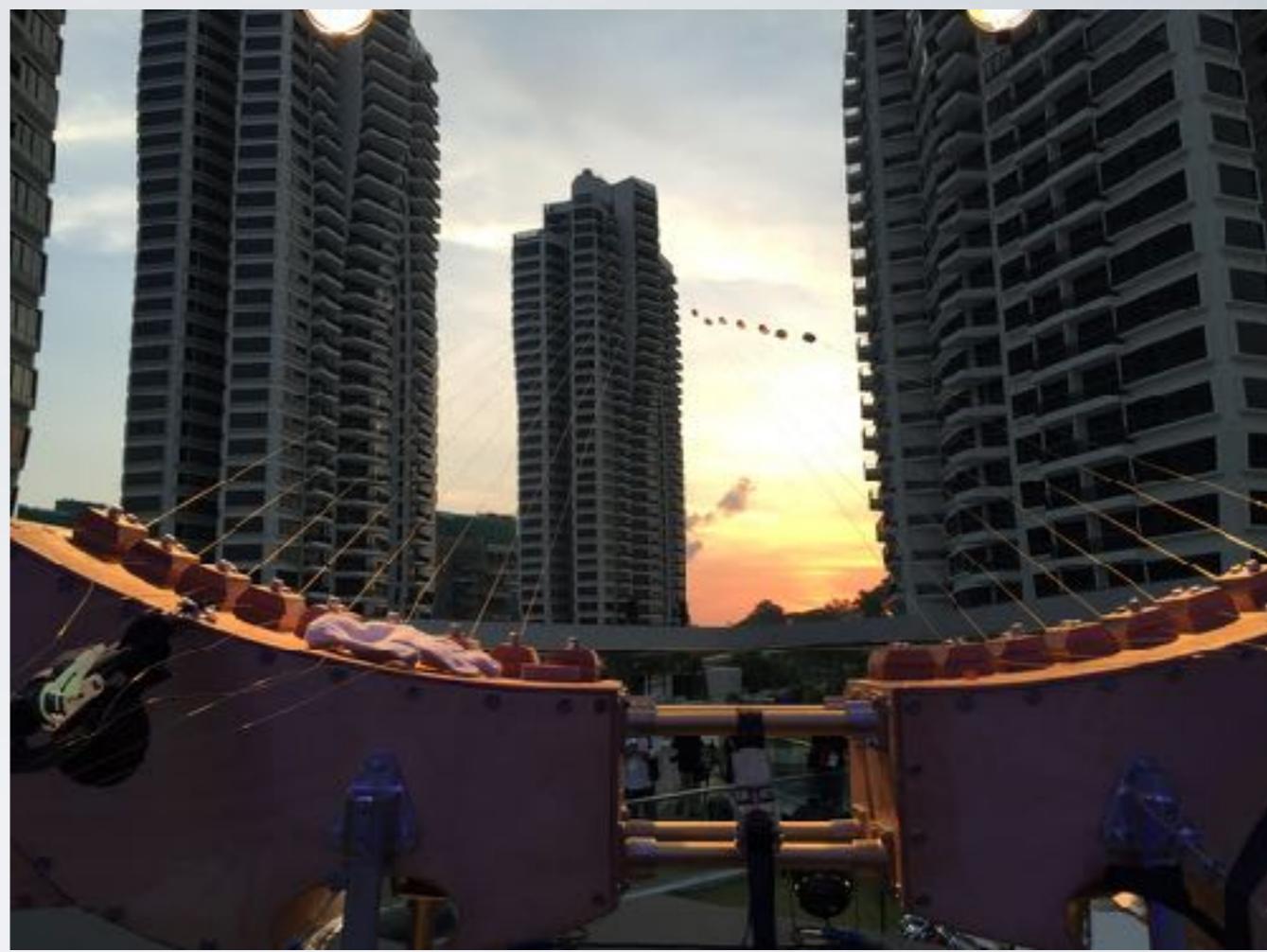
Some different set up environments



Setting up on a performing arts center stage



Rehearsing with full Symphony Orchestra



Earth Harp strung to the top of a building



Performing in a Hotel Ballroom