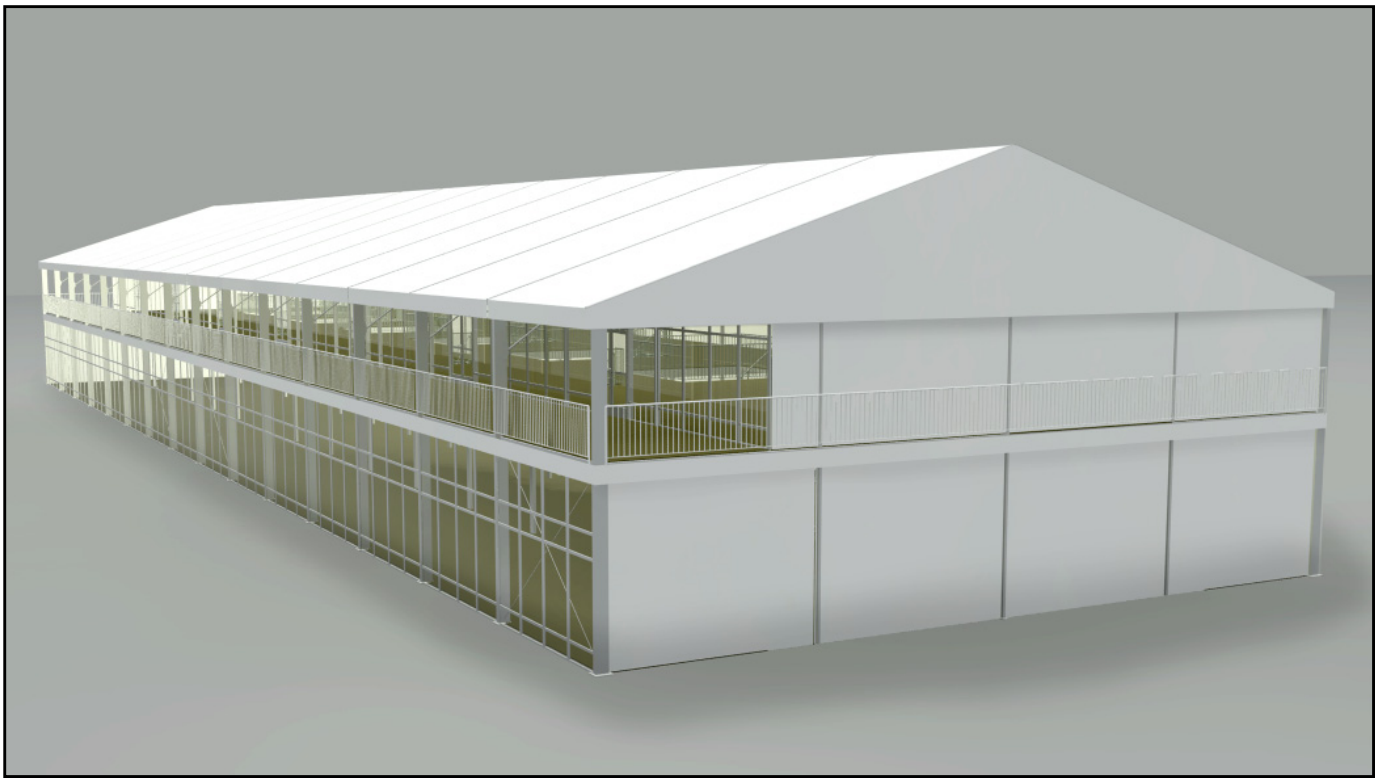
Roder Double Decker Installation Sequence



ANCHOR® INDUSTRIES INC.

Please read all assembly / installation instructions before the installation or removal of this product.

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Quality, Craftsmanship and Service since 1892

RDD 071612

CAUTION

Installation of double decker tent structures requires training for the installation crew. Anchor requires that a double decker tent install professional who has experience with double decker structures be responsible for this training. Typically, this is accomplished during the first installation of a structure after purchase. However, Anchor can arrange crew training prior to an actual event installation. Contact your sales representative for more information.

The double decker tent install professional who is trained on the installation of double decker structures should work with the installation crew, however the installation crew foreman is ultimately responsible for a safe tent installation. The responsibility of the double decker tent installation professional is to teach the proper assembly method of the components of the structure. All other factors such as ground anchoring or usage outside of the designed parameters of the structure remain the responsibility of the installation crew.

These instructions are meant to supplement the training provided to the install crew and to serve as a general sequence of installation steps. It is extremely important that all components are assembled properly and in accordance the requirements of the engineering certification package. The engineering package is provide a the time of purchase and it is the install crew leader's responsibility to understand and implement the requirements.

Table of Contents

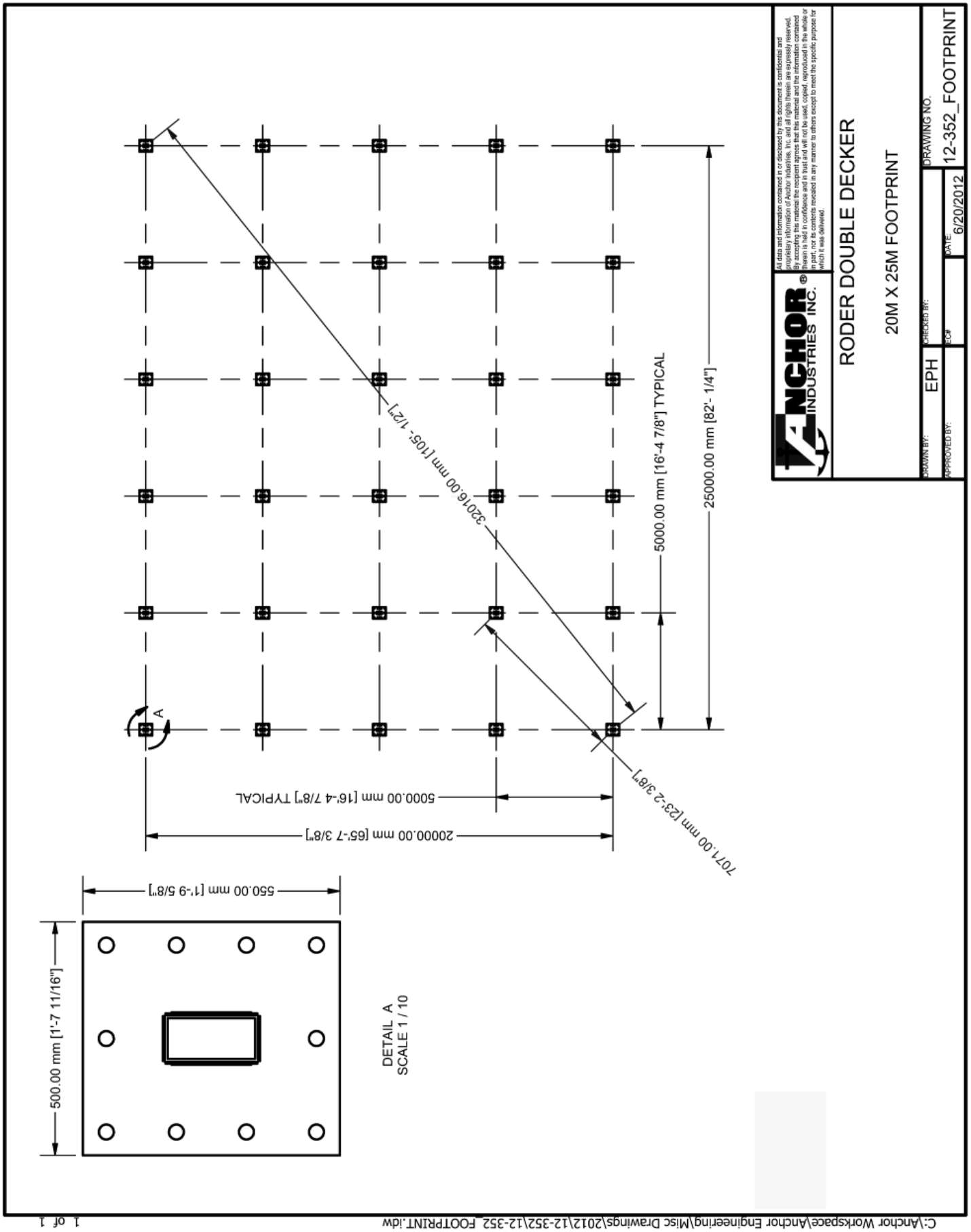
Layout/Footprint Drawing

The following page illustrates a typical baseplate layout that must be used to insure the Structure's Foundation is square. In this example a 20M structure was used.

Baseplate layouts for standard structures can be found at Anchor's web site (www.anchorinc.com) or obtained by calling your sales representative.

Refer to Engineering Certifications Package for baseplate loadings on building. Please note that up-lifts and loads vary per size of Building.

Layout/Footprint Drawing Example



Extracts from Engineering Certification Package

The following (3) pages illustrate nominal dimensions and location of required cabling/bracing per the Engineering Certification Package. In this example a 20M structure was used.

It is critical that all requirements of the Engineering Certification Package be complied with.

Baseplate anchoring load requirements can be found in the Engineering Certification Package. It is the installer's responsibility to determine anchoring that is suitable. See last page of this document for details.

FTL VENTURES STUDIO

PROJECT RODER DOUBLE DECKER TENTS 5M, 10M, 15M, 20M, 25M, 30M	PROJECT #	DESCRIPTION	PAGE #
AUTHOR	DATE MAY 2009	FIGURE 2-1 20M VERSION	CHECKED BY DB

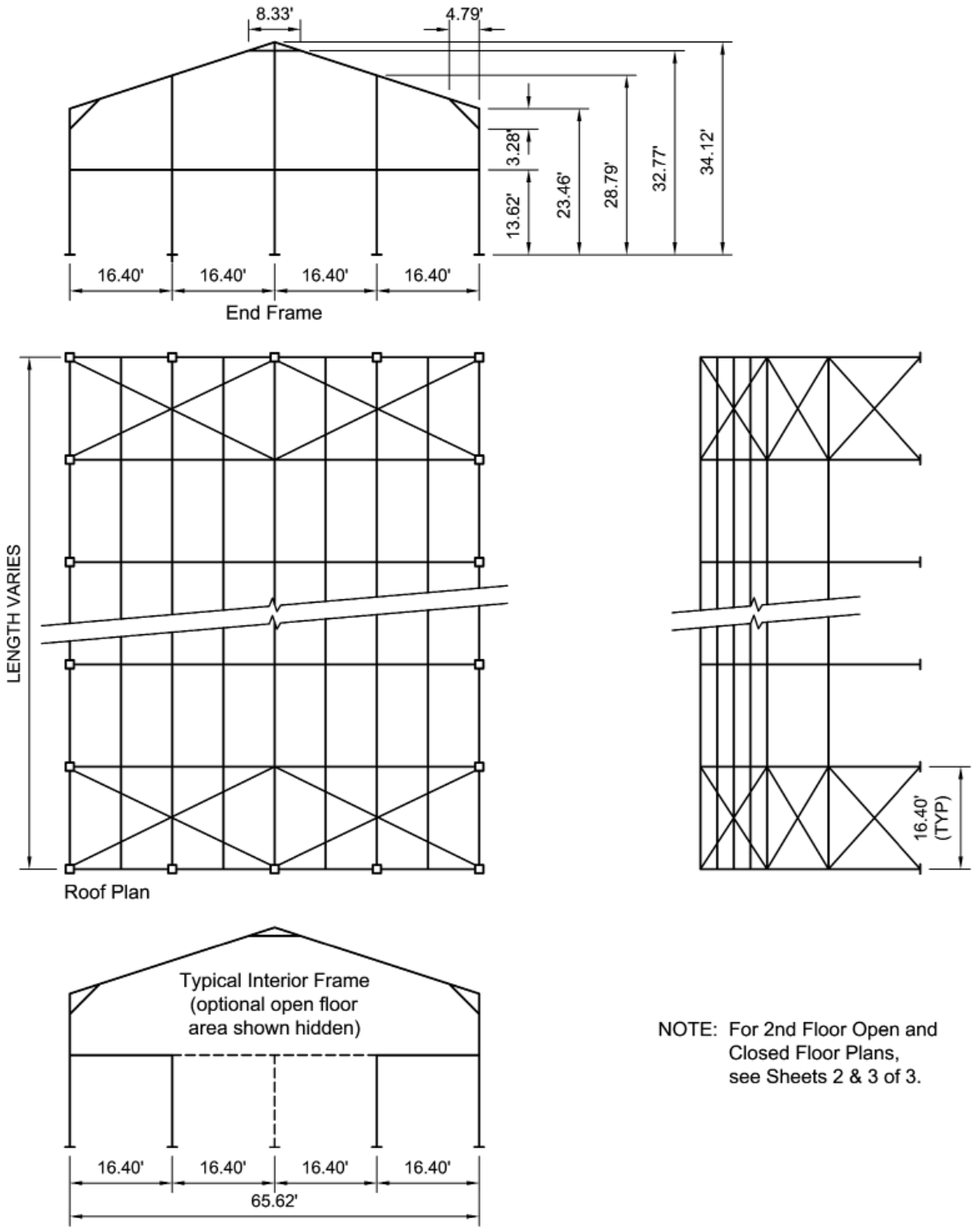
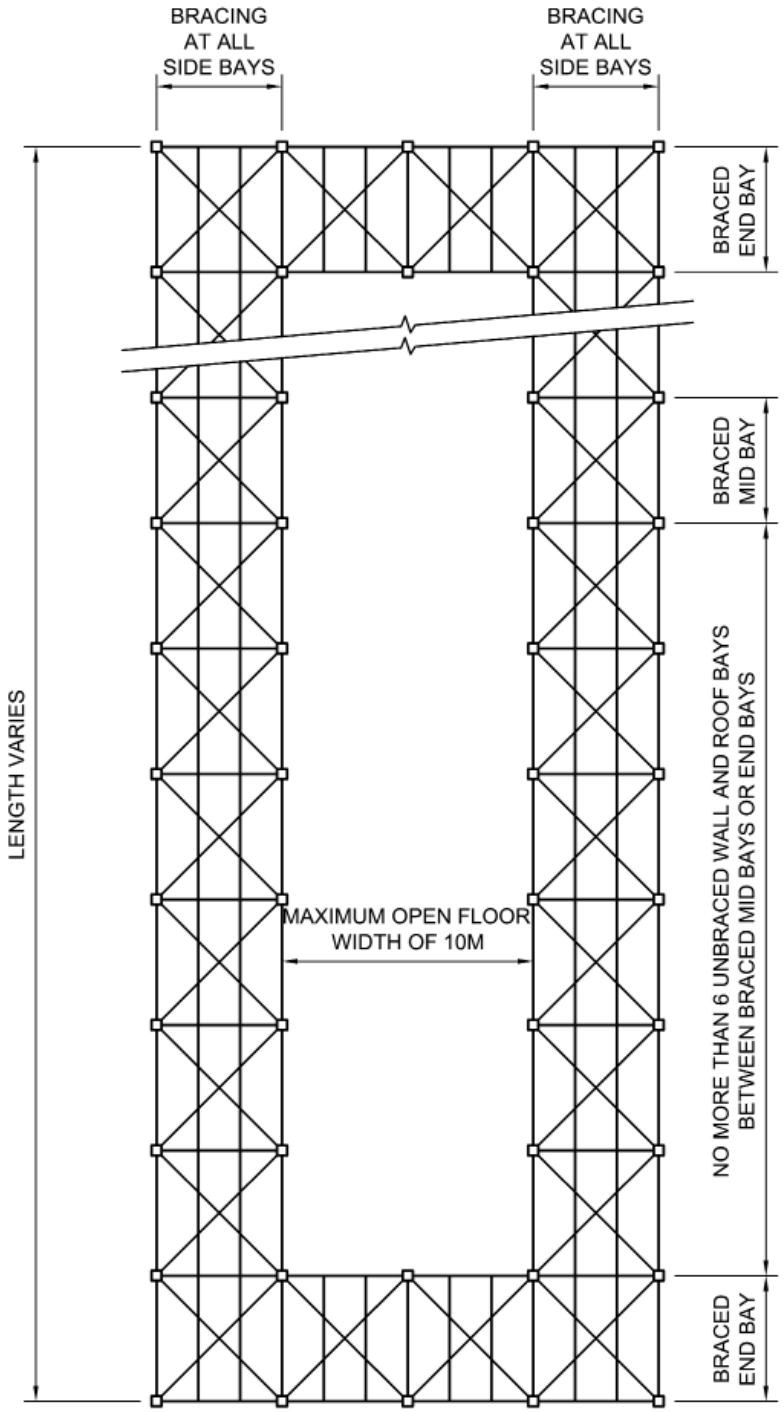


Fig. 2-1: RODER 20 METER DOUBLE DECKER TENT
Roof and Side Wall Structural Layout Plan - Sheet 1 of 3

FTL VENTURES STUDIO

PROJECT RODER DOUBLE DECKER TENTS 5M, 10M, 15M, 20M, 25M, 30M	PROJECT #	DESCRIPTION	PAGE #
AUTHOR	DATE MAY 2009	FIGURE 2-1 CONT. 20M VERSION	CHECKED BY DB



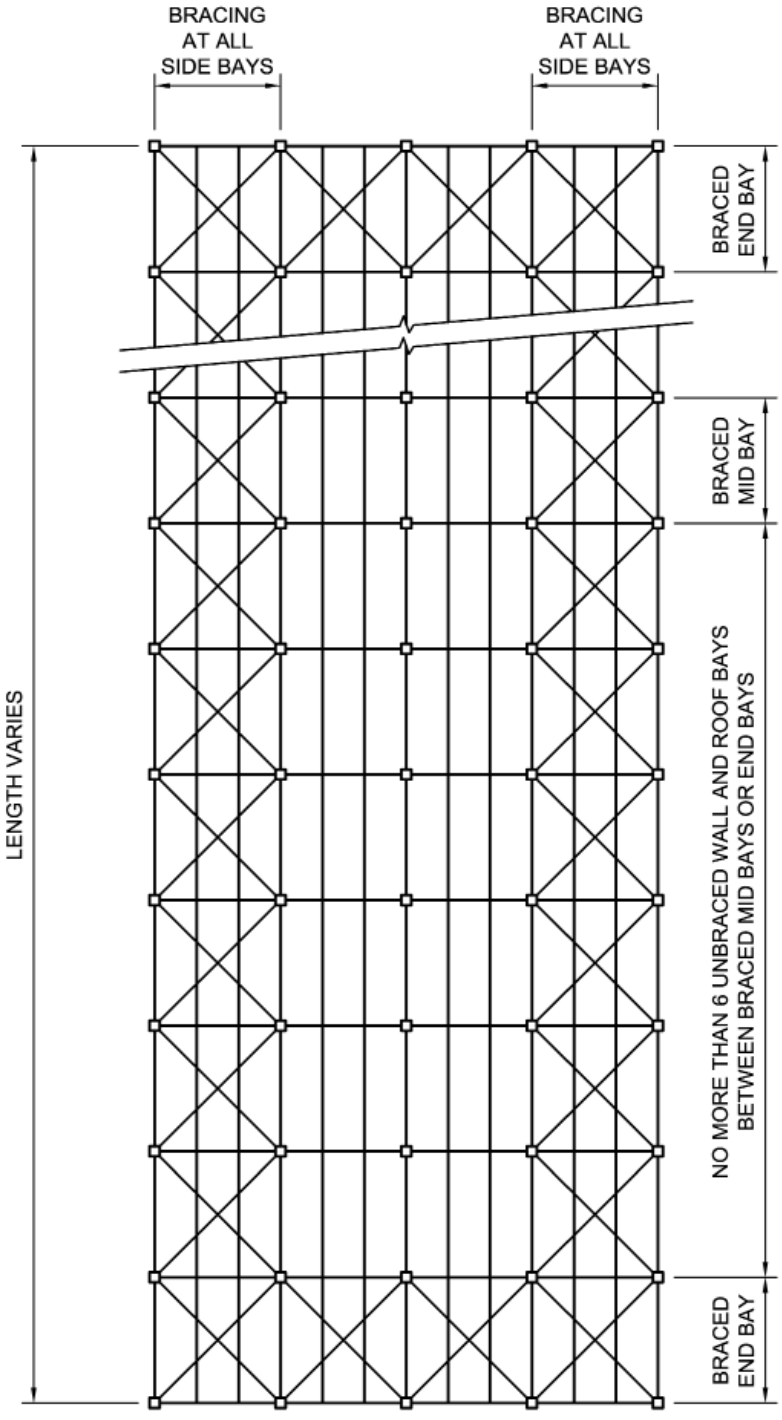
2nd Floor Open Floor Plan

NOTE: For balance of info, see Sheet 1 of 3.

Fig. 2-1: RODER 20 METER DOUBLE DECKER TENT
Open 2nd Floor Structural Layout Plan - Sheet 2 of 3

FTL VENTURES STUDIO

PROJECT RODER DOUBLE DECKER TENTS 5M, 10M, 15M, 20M, 25M, 30M	PROJECT #	DESCRIPTION	PAGE #
AUTHOR	DATE MAY 2009	FIGURE 2-1 CONT. 20M VERSION	CHECKED BY DB



2nd Floor Closed Floor Plan

NOTE: For balance of info, see Sheet 1 of 3.

Fig. 2-1: RODER 20 METER DOUBLE DECKER TENT
Closed 2nd Floor Structural Layout Plan - Sheet 3 of 3

Installation Sequence

The following pages describe in a sequential manner the assembly and installation of the Roder Double Decker Structure.

Please read all instructions before the installation or removal of this product.

Work from step to step.

Before erecting any tents or membrane structures, first obtain permits and approvals as required from the local building and fire code officials on the jurisdiction of your installation.

PLEASE PAY SPECIAL ATTENTION TO SAFETY WARNINGS AND CAUTIONS FOR PREVENTION OF ACCIDENTS.

Regarding the contents of this document:
The illustrations and photos are made to show clearly the construction and dismantling procedures and also for identification of the components. Not all illustrations/photos correspond to the actual dimensions and size. Explanations and/or notes have been added to these illustrations/photos.

If you have questions, please call your sales representative at the phone number listed on the front of this manual.

Safety Notes

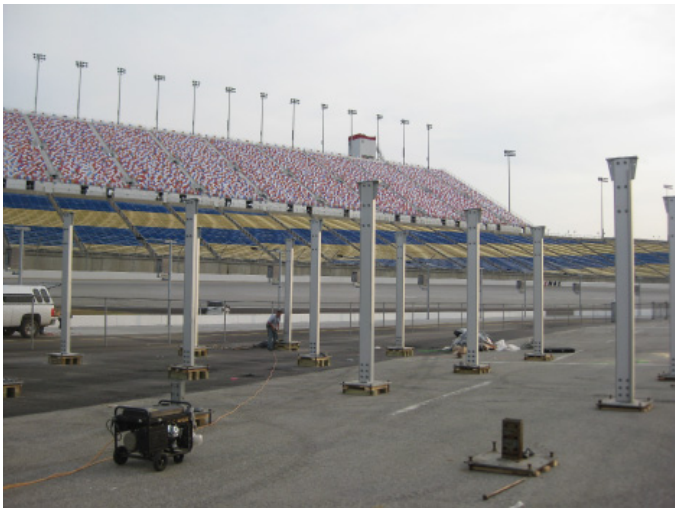
- Please read through this assembly manual completely before beginning your installation. Be sure the proper equipment and safety precautions are in place. We hope that you enjoy the design features of the Roder Double Decker frame tent each time the unit is installed.
- Consult your local utility locator service or the National Utility Locating Contractors Association (NULCA) prior to installation.
- Prior to actual tent assembly, be sure to look up, down, above & below for obstacles, pipes, wires, trouble, etc.
- Be alert to avoid contact of frame sections with any overhead power lines near the site.
- Keep site clear of debris to avoid tripping, especially while carrying frame parts or bundle of fabric.
- When moving frame sections by hand, use proper lifting techniques to protect the back, and avoid pinching fingers while making hardware connections.
- The installation method described here requires coordination of tasks between workers. A safe installation is dependent on that coordination. Work cooperatively as a team.
- Be sure all pins and bolts are installed and secured correctly during assembly.
- Ensure that all purlin hooks are correctly seated in their rafter brackets.
- Replace used or damaged components with original new ones.
- To prevent injuries, wear suitable protective clothing such as hard hats, steel toed shoes, etc.
- Do not drag bundle of fabric on concrete, asphalt, or ground as this can cause damage to the fabric from abrasion through the bag.

#1 Lay out the base plates for the lower building using a 5m x 5m grid.

#2 All base plates must be aligned with the surrounding plates in both directions. (This is critical to allow for proper installation of second floor sub structure)

Install stakes/anchoring to hold the plate in the correct location and orientaion. (If using stakes do not drive all the way in)

#3 All lower plates must be at the same elevation. Therefore if the surface you are installing the double decker on is not level you will have to use shims and a laser sight level to raise the baseplates till they are all at the same elevation.



#4 Install the uprights onto the baseplates. They connect to the base plates with six (6) bolts and nuts.

#5 On bays that require upright cables there is a cable connection bracket that needs to be bolted to the bottom of the four uprights in that bay.

#6 Set first portion i-beam rafter on top of uprights. (There will be an overhang towards the center of the building)

#7 Detail of upright to rafter connection.

#8 Set second portion on top of uprights and bolt the rafters together at the end flange and then bolt the upright and rafter together.

Repeat this step for any remaining portion of the rafter.

Repeat steps #6, #7, and #8 for each remaining arch.

#9 Once two (2) arches are up, start at one end and install the “purlin” i-beams that run the length of the building. The larger of the two will be installed inline with the uprights with two (2) smaller beams in between.
(Larger beam shown)

Bolts should be inserted so that the nut can be removed and the purlin beam from the next bay can be placed onto the bolts. (Bolt should be inserted in the same direction that you are moving from bay to bay inserting purlin beams)

#9A Small purlin beam.

#9B Completed bay (before cabling).

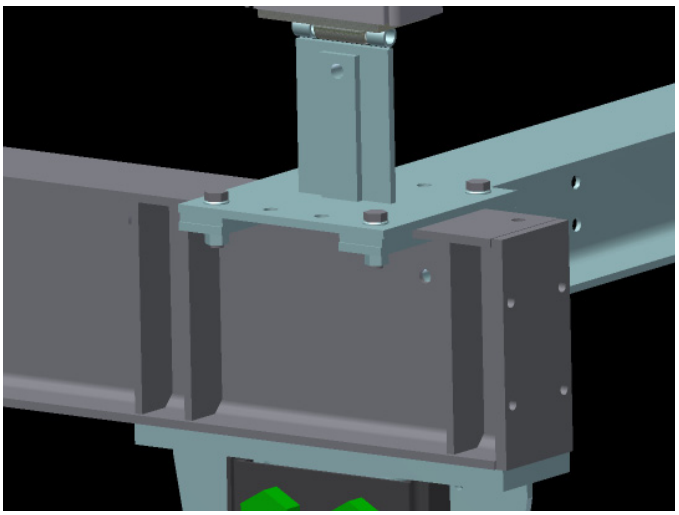
#10 After first bay of purlin beams are completed, install upright cables and lower roof cables.

The upright cables are installed in all end bays and in middle bays to insure no more than six (6) consecutive open bays.

Roof cables must be installed around the outer perimeter of the building.

#11 Install shutter tensioners on end of each rafter beam

#12 Install shutter eave bar on top of the threaded tensioner and secure with r-clip



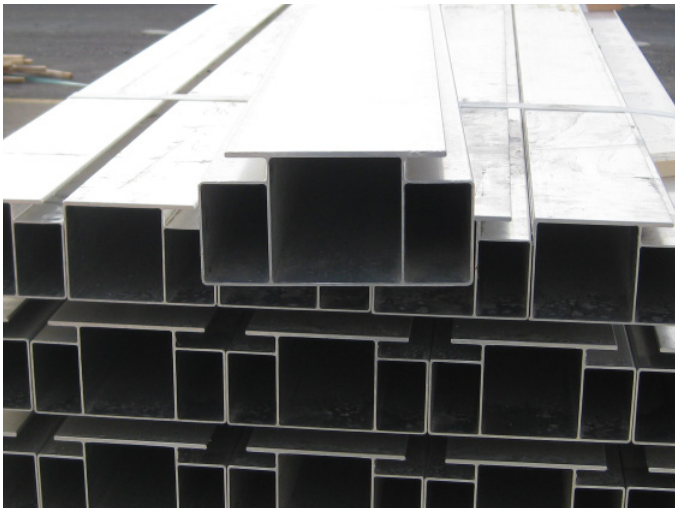
#13 Install base plates for upper structure

Note: Baseplates for UPPER Structures are NOT the same as if mounting the upper structure on the ground.

#14 Place end flooring extrusion down the length of the first rafter beam

#15 Place steel tubing across the purlin beams at each tab location on top of the large purlin beam (tubes will overlap at intermediate large purlin beams)

#15A Tubes may overlap at intermediate large purlin beams



#16 Place middle flooring extrusion down the length of the second rafter beam

#17 Slide the 5m x 0.5M floor panels between the flooring extrusion

Continue to slide the floor panels between the flooring extrusion and interlock them into the panel before them until you have finished the entire width in the first bay.

Repeat steps #13, #14, and #15 until you have finished the length of the structure.

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Anchor products are of superior design and operate best within the parameters of these instructions. It is imperative that the instructions be carefully read and **COMPLETELY FOLLOWED**. Please read installation instructions before the installation or removal of this product. Installation instructions are available online at **www.anchorinc.com** or by calling 1-800-544-4445.

CAUTION:

1. For each installation, the installer is solely responsible for evaluating the site and the proper securing method determined. Some soils require different staking or securing than that provided with the tent. Due to this variety of soil conditions, these are the manufacturer's suggested sequence of installation procedures. Anchor's responsibility is limited to the manufacture of the tent parts and materials. We are not responsible for methods that installers may choose to erect and secure the tent to the ground.
2. The number of stakes suggested in the installation instructions do not necessarily meet all or any relevant codes on the site of the tent installation. The number of stakes suggested **will, in many cases, keep the tent erected,** however, due to various soil conditions; these stakes will be insufficient **to keep the tent secure in high winds**. It is the tent installer's responsibility, not the manufacturer, to determine the appropriate number of stakes to meet the necessary wind loads on the site. Regardless of the number of stakes we suggest, we make no representation or warranty as to whether this specific number of stakes will meet the local tent code. Anchor does not, nor can it make any suggestions, representation, or warranties about the adequate staking required at each specific installation site. Staking information provided in the installation instructions **is not a suggestion about what is necessary to meet a site-specific load.**

   For additional important information, consult: "The IFAI Procedural Handbook For the Safe Installation and Maintenance of Tentage" and the IFAI Pocket Guide "Pullout Capacity of Tent Stakes", both available from the IFAI Tent Rental Division or on our website.
3. Inasmuch as the weather is unpredictable, good judgment and common sense must be incorporated within installation guidelines. It is the responsibility of the tent installer/maintainer to determine the severity of the weather, proper time and method of installation and/or erection and disassembly. **Note: We recommend that snow and ice be removed from the tent surface as soon as possible because accumulation will damage the tent or fabric structure. Please consult with our Engineering Department about the maximum loads for each product.**

   This product has been manufactured for use as a temporary structure. For the safety of all occupants, evacuation is recommended if threatening weather occurs, or if there is any doubt concerning the safe use of this product.
4. Proper safety equipment should be used at all times to insure a safe installation and take down. We suggest a careful evaluation be made to determine safety equipment needed, such as hard hats, steel-toe shoes, safety glasses and other as required. It is our desire that all installations are safe. Please be aware of hidden dangers both underground, i.e., gas lines, water lines, electrical lines, etc. and above the tent such as power lines and telephone lines.
5. Anchor stands behind its products in accordance with its standard Terms and Conditions of sale. A copy of our Terms and Conditions of Sale can be obtained by contacting Anchor at the telephone number and/or address on this document.