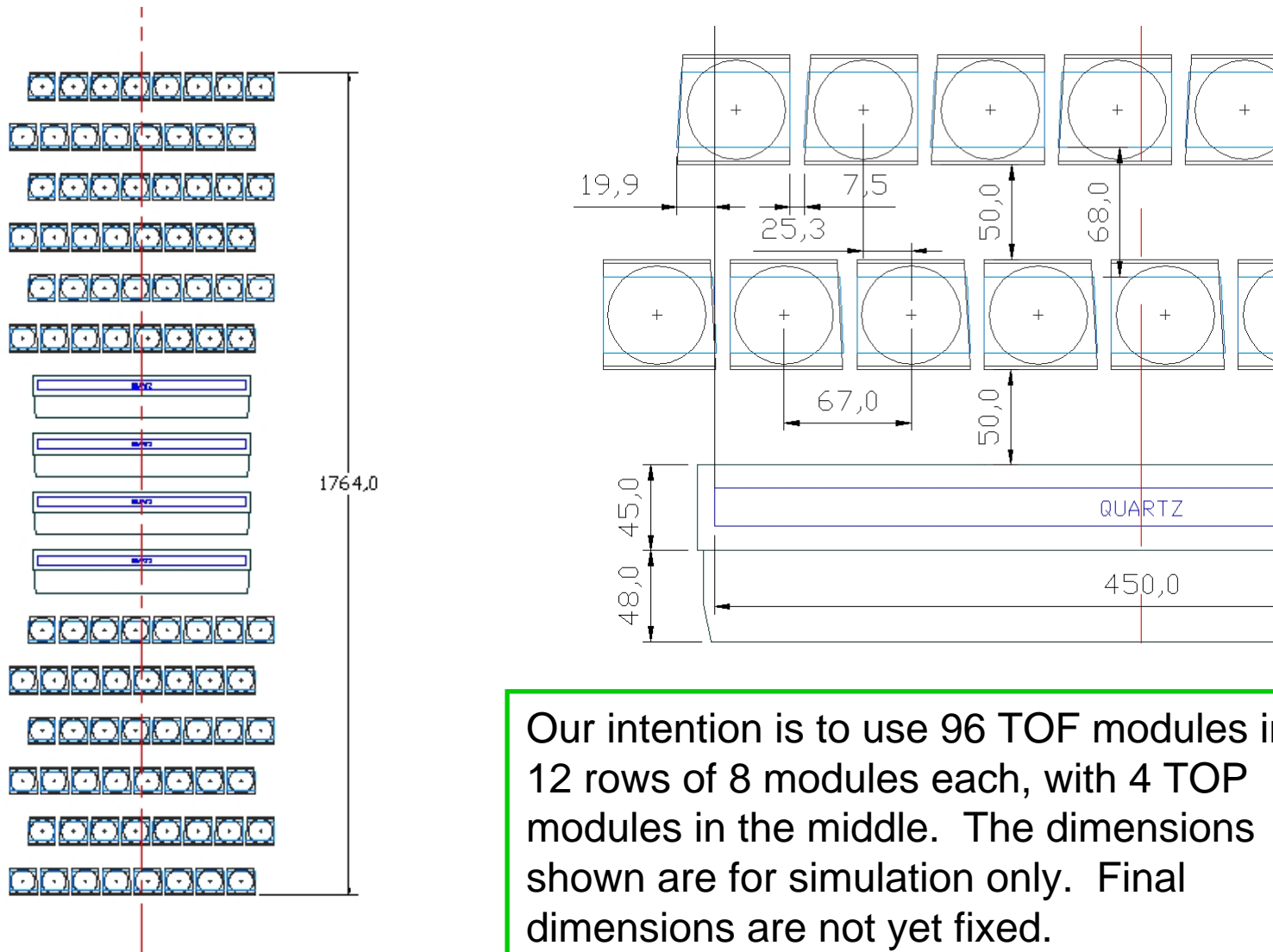


This is the initial configuration that will be simulated/optimized by Gary and Kurtis



Our intention is to use 96 TOF modules in 12 rows of 8 modules each, with 4 TOP modules in the middle. The dimensions shown are for simulation only. Final dimensions are not yet fixed.

The CR test stand will require a rigid support frame.

The pictures below show the Hawaii TOF calibration stand (built in 1996). The construction consists of simple to use (steel) Unistrut components. The BEAST structure used a similar material called Aickinstrut, which is fiberglass.

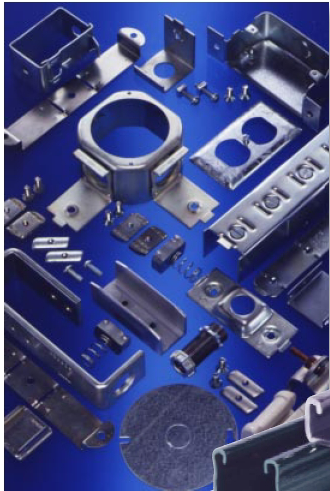


Center supports use large cantilever brackets. End supports use simple right angle brackets. The cantilever mid-supports allowed us to take the TOF counters in and out without moving other components.

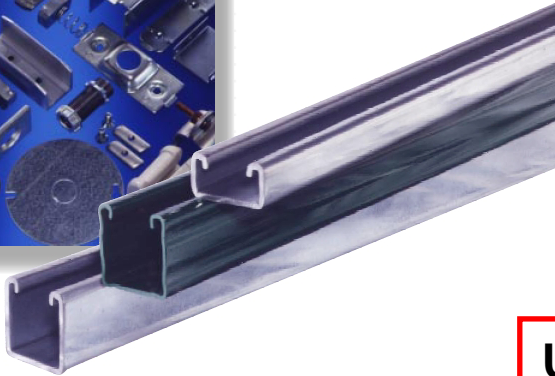
**Unistrut construction is fast, easy, strong,
and it has many applications.**



UNISTRUT
Metal Framing



ELECTRICAL CONSTRUCTION
**APPLICATION,
INSTALLATION,
SPECIFICATION
GUIDE**



Select your area of the world to view products and services available:

UNISTRUT, The Original Metal Framing

- Highest Quality Material
- Wide Variety of Material and Finish
- Broadest Product Line in Industry

© 2004-2010 Tyco International, Ltd. All Rights Reserved.

**Unfortunately, Australia is the closet place to
Japan where Unistrut can be purchased.**

MR has checked the Joyful Honda and Homac web
sites for suitable shelving materials, with no success.

Summary and action item list:

- Kurtis and Gary will run simulations.
- Marc will draw final configuration and determine structural requirements.
- We hope Adachi-san can locate suitable construction materials.
- The final configuration of the CR stand will not be needed immediately.
- We therefore think it is more important now to find temporary shelves that can be used to set up the TOF counters in Fuji Hall for initial testing.
- Comments on this plan are welcome.