and there is a very interesting link to the Tampa Library via the University of Southern Florida. The Tampa Library tab has numerous lectures on local history and culture, and one of them is a series featuring Edgar Chattin discussing his life and the craft of bladesmithing.

-Go to the I-Tunes website
-find the tab or use site-search for "I-Tunes U"
-On the left-hand side is a listing of the colleges, USF is toward the bottom of the list
-A list of topics will pop up, choose the "Tampa Library" heading.
-on the opening page you should see another set of tabs just above
the list of lectures, look for the one labeled "Oral Histories", it contains the videos of Edgar.

Directories

From time to time, FABA publishes a directory of members but I need some guidance from you folks - the people who pay the tab. If the directory is printed with anything but tiny type, it will run to approximately 10 pages. With postage, the damages will be near $500. Our options are:

(1) We print a mega issue of the newsletter;

(2) We print up a limited number of directories and send a bunch to the coordinators to hand out at meetings and have a stack at the conference. For those who want one and cannot make a meeting, they send me postage and I mail them the directory;

(3) We post it on-line. There are security problems with this if we want to not feed spammers and phone solictors, i..e, a password locked folder and we publish the password in the newsletter.

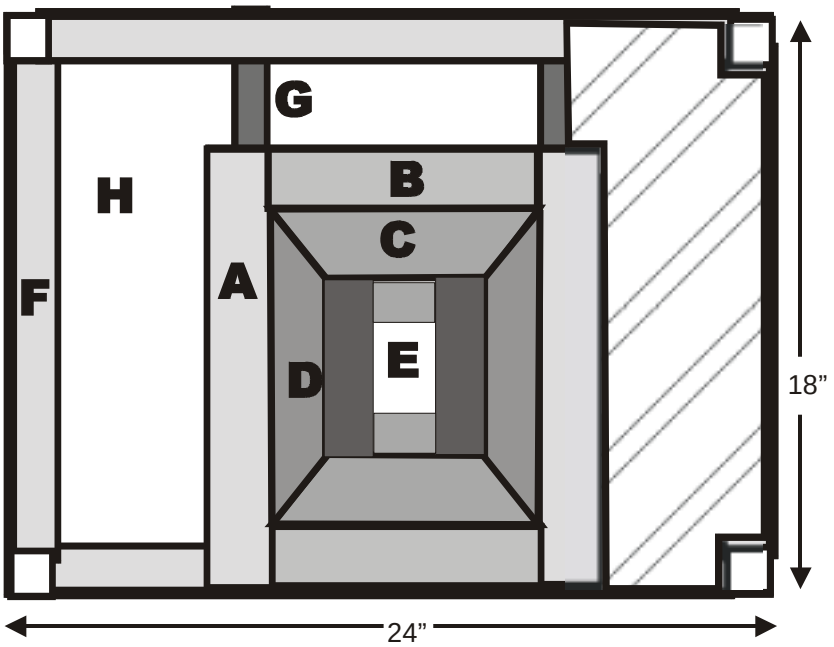
(4) Anyone who wants one sends me an e-mail and I e-mail back a PDF of the directory

#1 is the most expensive but the least hassle and #4 is the least expensive but the most hassle (besides not helping folks who are not on line).

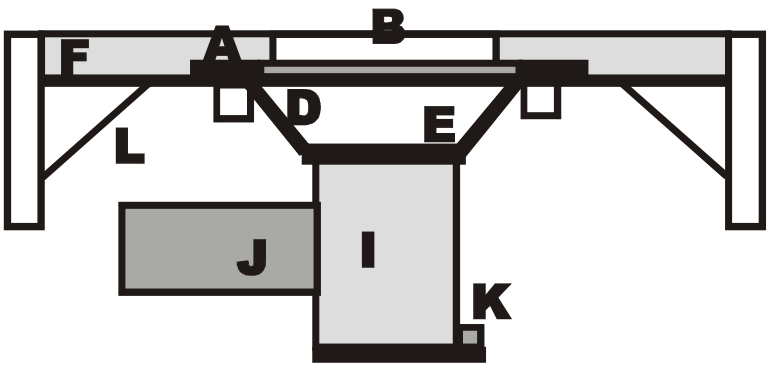
What do you want? Let me or your coordinator know ASAP .

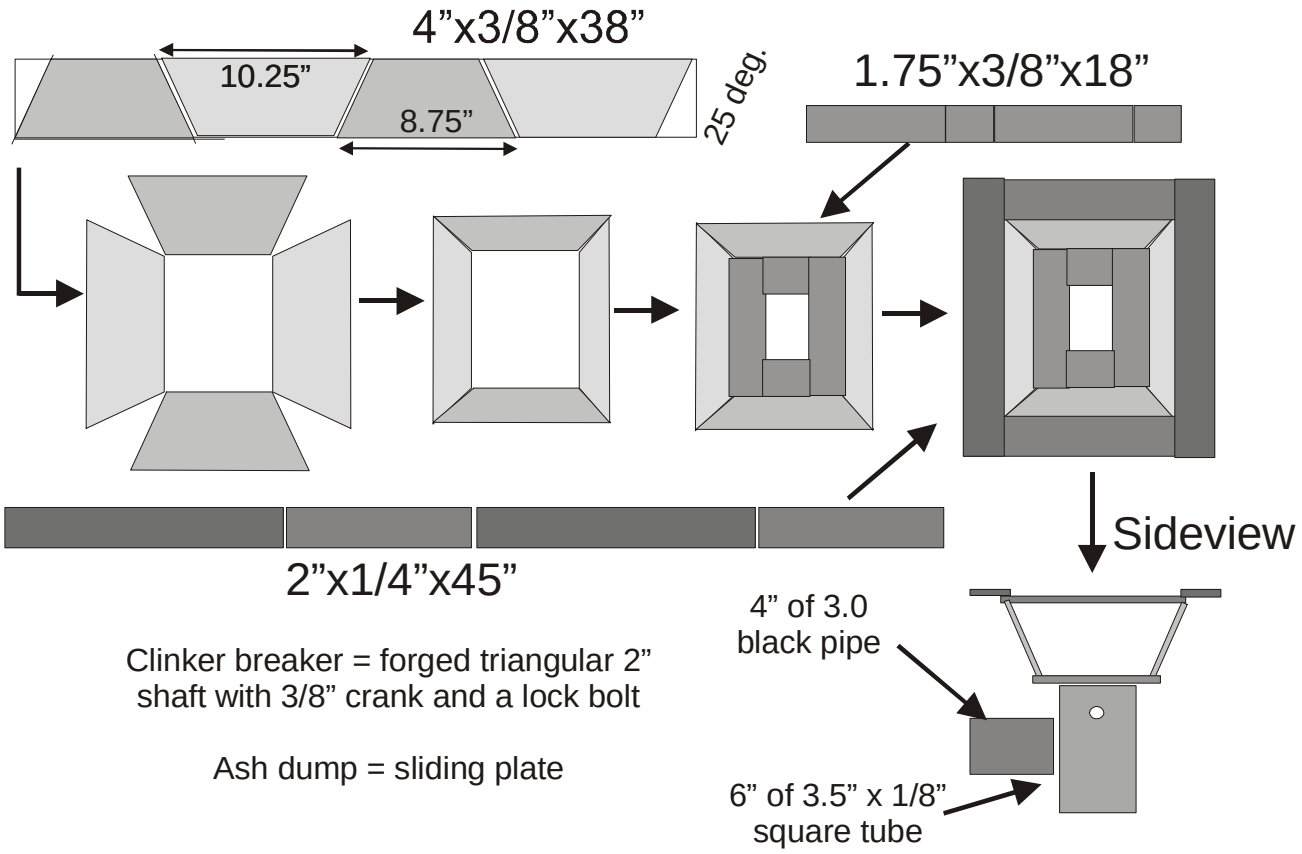
Mark I Coal Forge
(Dec 2007)

Forge Body
F = 1/8" x 1.5 x 1.5" angle iron
2 @ 22" with cut-aways;
2@ 16", 2@ 8.5" (under B)
(tie rear & support front cut)
G = 1" square tubing -
2 @ 18" (support pot)
4 @ 6 " (corner & leg sockets)
H = 16 gauge deck
2 @ 7.25"x17.5", 1@ 6"x8.5"
L = brace (1"x8"x1/4" bar)@8
Legs = 12' of whatever
telescopes into G



Forge Pot:
A & B = 2x1/4x48
1/2x1/4x18
C & D = 4x3/8x38 (25 deg)
E = 1 ¾ x 3/8 x 18 (4 pcs)
I = Air upright = 6" of 4" square
J = air input = 4" of 3" round
K = 6x1/8x4 ash dump plate
~30lb overall



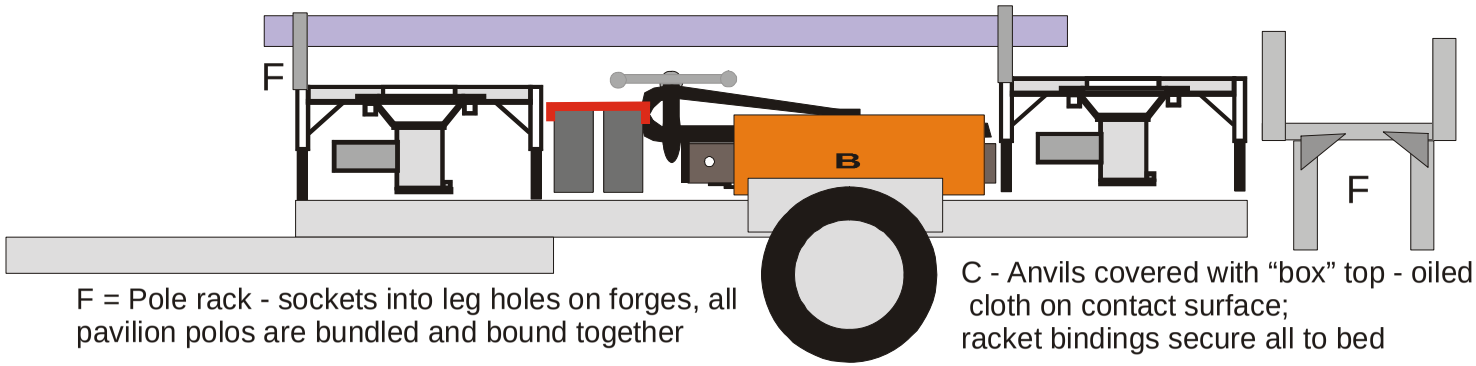


The design is based on standard size stock that can be sheared to the correct sizes and then welded into the forge pot. We are exploring the costs of a commercial pot but preliminary estimates are that the cost differential is over $100. The pot is dimensioned to fit into the same hole in a forge table as a Centaur rectangular pot. The forge table is designed to minimize weight and to have removable (but steady) legs.

The teaching trailer (next page) is designed to feature light weight (approximately 1/2 ton) so that virtually any tow vehicle can handle it and to pack four complete forge stations into a compact and convenient unit. The base concept is to have a trailer such that the volunteer caring for and transporting the trailer does not have to load and unload equipment ever time the trailer is used. If we can achieve this goal, then the load on the volunteer drops dramatically and the probability of actually seeing the trailer at meetings and conferences goes up significantly.

The trailer is envisioned as being a 4’ x 8’ unit (such as the Harbor Freight 1700 lb load trailer at $400) and would have four forges which pivot off the bed when they are deployed for use (the front right “socket” would be a pipe telescoping over a stub pipe welded to the trailer bed). This allows plenty of room around the forges when in use and also allows the forge to be removed from the trailer if that is necessary. The anvils will be forward of the axle and be clamped to the bed by a combination of a cover plate (with oiled cloth between the cover and the faces) and a rachet strap. Large ammo boxes will be just rear of the axle and will contain the fire tools, blowers, hammers, and miscellaneous gear. Forward of the wheel will be mounting plates for the post vises. Each post will have a pair of “square Z” clips that fit into hasps on the mounting plates. Those hasps would have lock bolts to secure the anvil when in use. Another set of similar hasps would be on the centerline of the bed to secure the vises when in transit. Collapsible anvil stands would be strapped to the tool boxes, 5 gallon pails will go between the forges (doubling as coal bins, slack tubs, holders for the canopy connectors, etc.). The tarp will be tied up and rides forward of the vises. A pair of pipe racks will span the sockets on the front and rear forge pairs and will support the pipes of the canopies. Though not pictured, there will probably be a third tool box on the tongue containing tools for deploying the unit and a set of laminated instructions on setup/tear down. A spare tire will be mounted under and within the frame. All of this is, of course, blue sky at present. The first trailer should be regarded as a prototype and I’m sure that both construction and subsequent use will result in design alterations. Our eventual goal is to have a trailer in each region and to store the trailer with a volunteer with shed space and/or space to put up a cover over the trailer. Look over the design and please feel free to comment -- after all -- it’s your money we are proposing to spend!

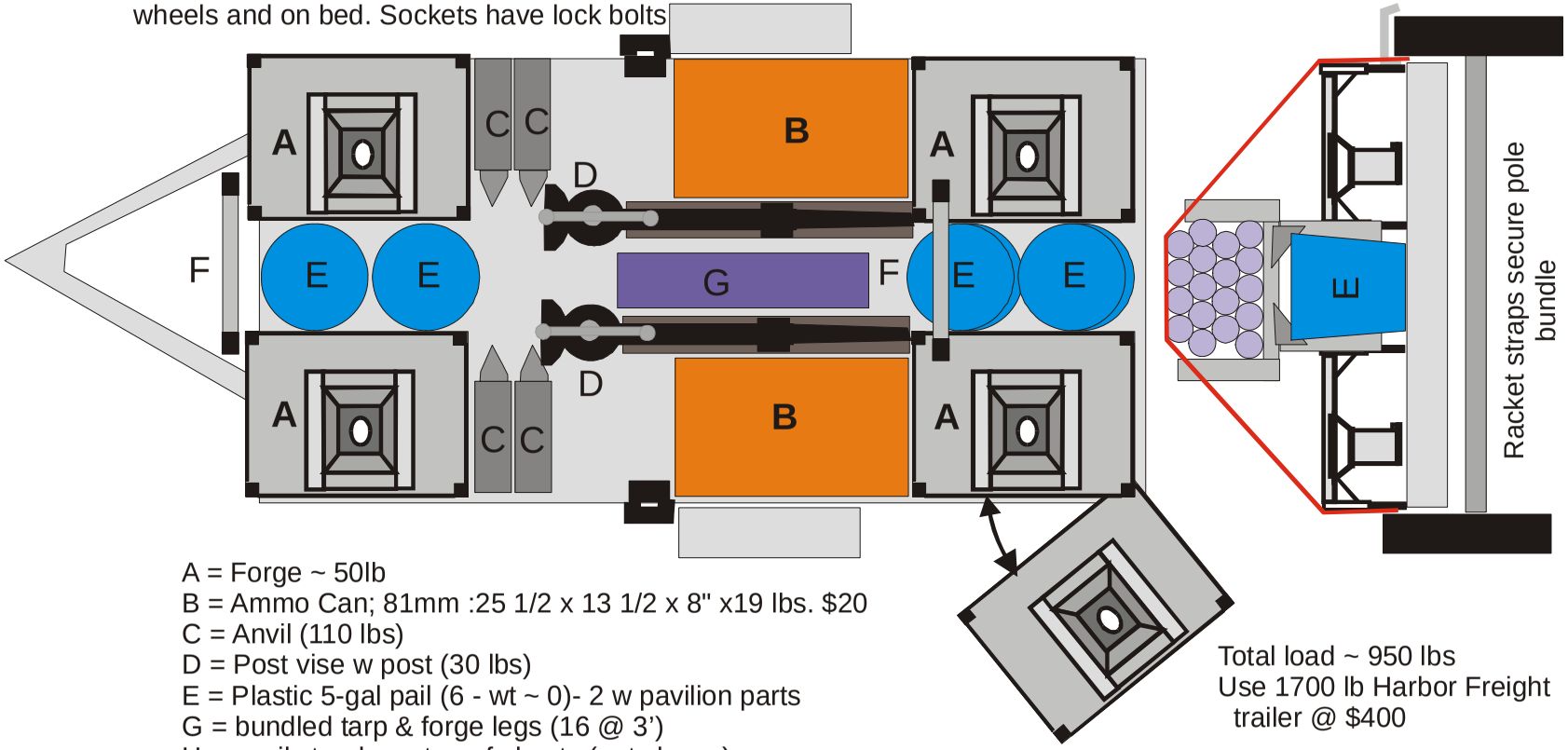
Mark I Teaching Trailer - Dec 2007



F = Pole rack - sockets into leg holes on forges, all pavilion polos are bundled and bound together

C - Anvils covered with “box” top - oiled cloth on contact surface;
racket bindings secure all to bed

Post vises: 2 flat hooks on rear - matching sockets on plate near wheels and on bed. Sockets have lock bolts



A = Forge ~ 50lb
B = Ammo Can; 81mm :25 1/2 x 13 1/2 x 8" x19 lbs. $20
C = Anvil (110 lbs)
D = Post vise w post (30 lbs)
E = Plastic 5-gal pail (6 - wt ~ 0)- 2 w pavilion parts
G = bundled tarp & forge legs (16 @ 3’)
H = anvil stands on top of chests (not shown)

Total load ~ 950 lbs
Use 1700 lb Harbor Freight trailer @ $400