

Gizmos, Gadgets, & Gilhickies



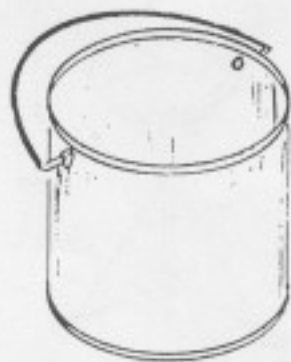
Hobo Stove

Punch out with triangular beverage can opener

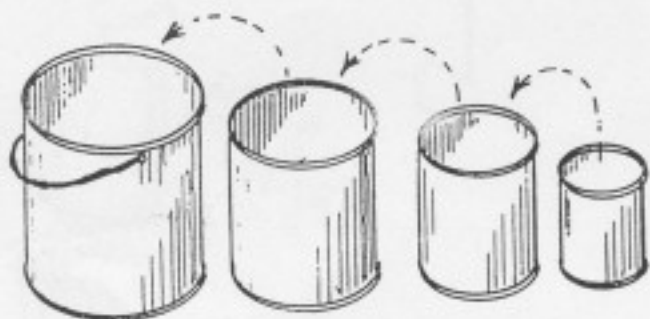


Tin Can Charcoal Stove

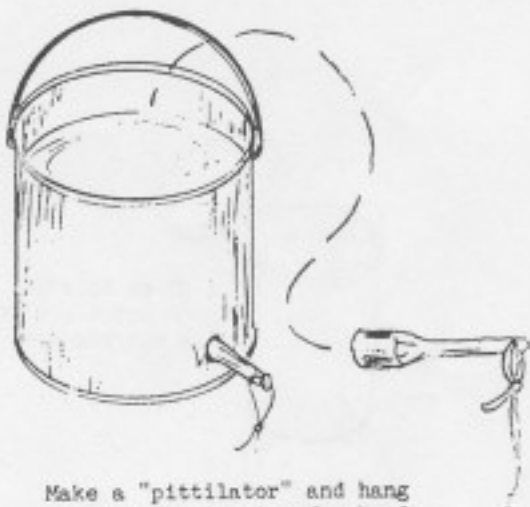
Use coat hanger wire through holes punched with nail.



Holes punched in cans and fitted with coathanger wire bails make good camp pots.



Nesting tin can pot set



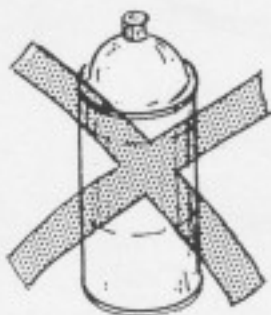
Make a "pittillator" and hang it near the latrine for hand washing.



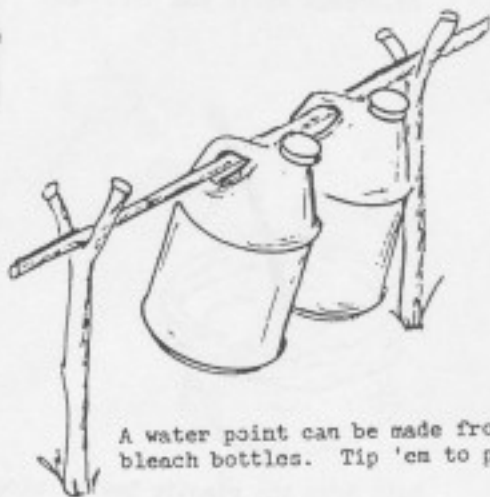
A forked stick with a few notches makes a good pot pourer.



Coathanger wire has endless use around camp.



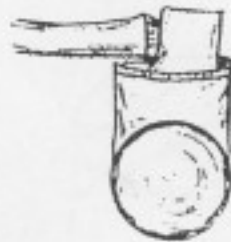
Don't use insect spray or spray repellent in camp. It'll take the waterproofing out of the tents!



A water point can be made from 1½ gal bleach bottles. Tip 'em to pour.



Build a wash stand. Tie the soap in an old sock and hang on a string -- it won't fall in the dirt

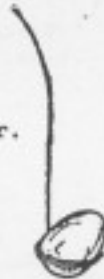


Try using a flattened tin can as an ax sheath

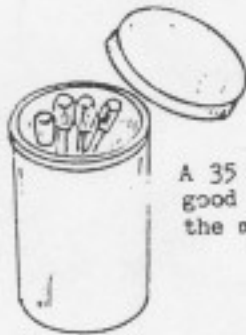


Drill holes in the ends of lengths of reinforcing rod. Fasten loosely with a bolt.

A loop of wire makes an egg lifter.



A "kitchen tree" is a dead tree or branch planted near the kitchen to hang stuff on.

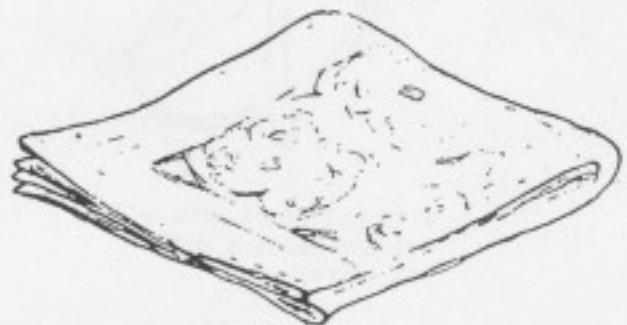


A 35 mm film can makes a good match box if you cut the matches down to fit.

Cut out the bottom of a bleach bottle for a mixing bowl. Use different sizes and nest 'em.



Roll down the plastic bag of biscuit mix, make a little hole in the mix and add 1/2 teaspoon of water. Stir with the twixer to "twix" up a biscuit. Bake it on the twixer or transfer to foil.



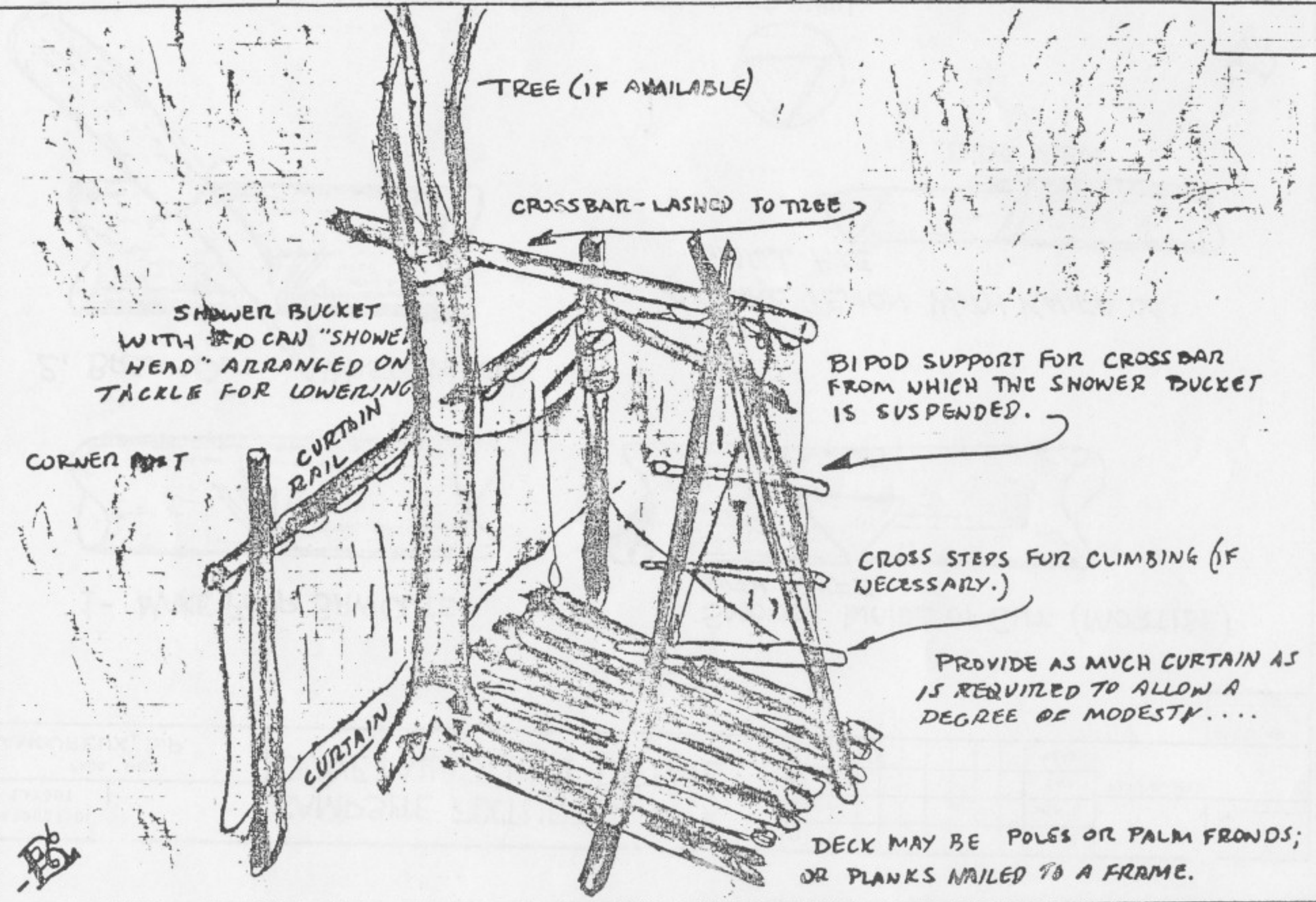
A pair of pliers and a bandana handkerchief are the chuckwagon cook's favorite tools. Use a blue bandana for the nose and a red one around the fire!

PRODUCTION LAYOUT

PROD. ENG. LAMOUREUX, L.P.

CAMPSITE ARRANGEMENT SHOWER DEVICE ... (ONLY 1 WAY...)

A							ISSUE	SHT. 4
6							MONTH	OF
2							DAY	PART NUMBER
32							YEAR	



TREE (IF AVAILABLE)

CROSSBAR - LASHED TO TREE

SHOWER BUCKET WITH NO CAN "SHOWER HEAD" ARRANGED ON TACKLE FOR LOWERING

BIPOD SUPPORT FOR CROSSBAR FROM WHICH THE SHOWER BUCKET IS SUSPENDED.

CORNER POST

CURTAIN RAIL

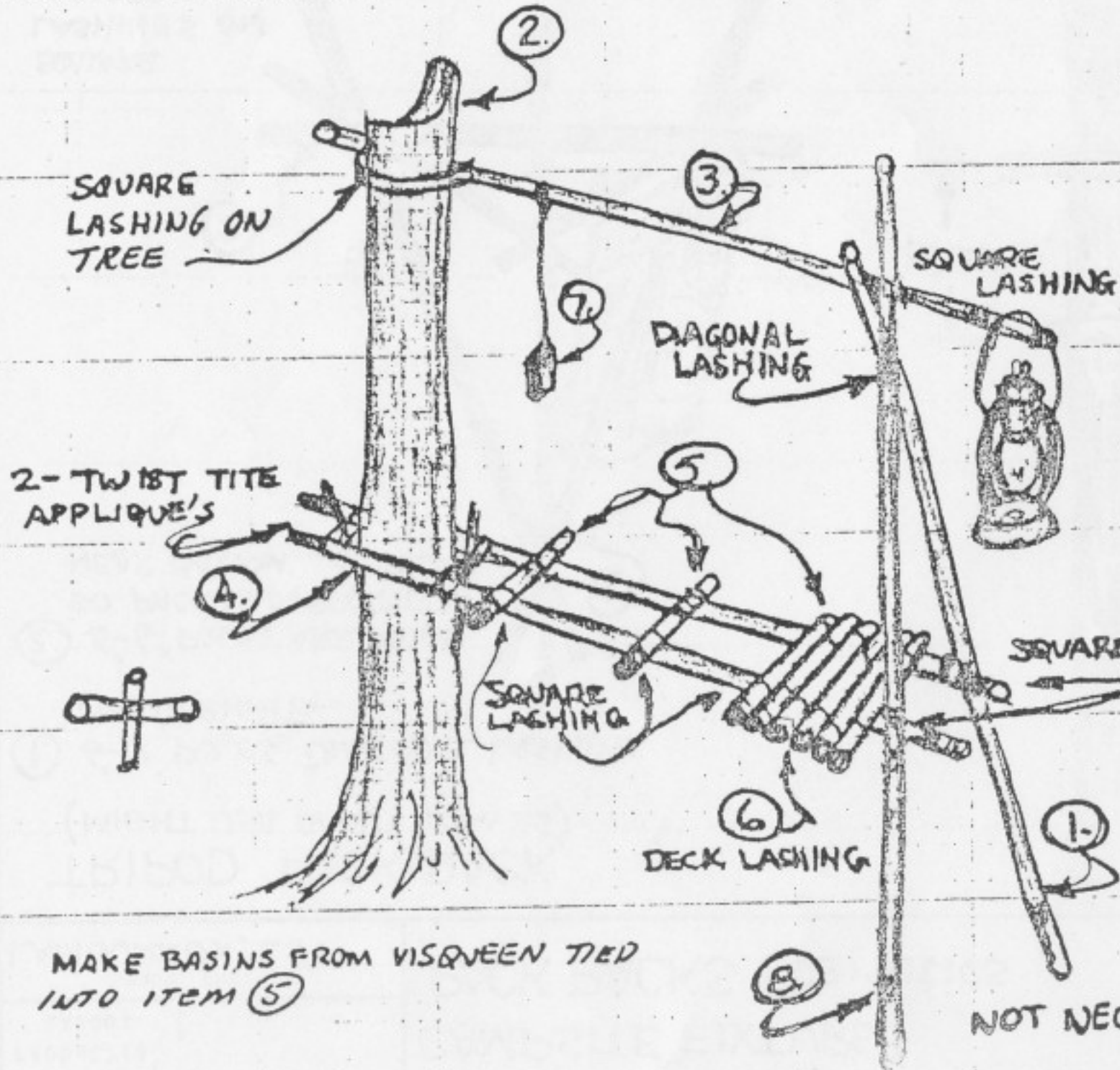
CROSS STEPS FOR CLIMBING (IF NECESSARY.)

CURTAIN

PROVIDE AS MUCH CURTAIN AS IS REQUIRED TO ALLOW A DEGREE OF MODESTY...

DECK MAY BE POLES OR PALM FRONDS; OR PLANKS NAILED TO A FRAME.





CAMP WASHSTAND

- ① PERMANENT BIRD 8' LG
- ② ANY CONVENIENT TREE
- ③ TOP BRACE (TOWEL BAR) 8' LG
- ④ MAIN BASIN SUPPORTS (2) 8' LG
- ⑤ CROSS MEMBERS - THESE AND MAIN BASIN SUPPORTS FORM THE FRAME FOR THE VISQUEEN BASINS. 3 - 2' LG
- ⑥ SHELF DECK - FORMS PLACE FOR WASHING EQUIPMENT. 5-6-2' LG
- ⑦ SOAP-ON-A-ROPE

⑧ ALL PARTS COLOR CODED BY PAINT BANDS AND/OR END BUTT COLORING APPLIED BY SPRAY OR BRUSH.

MAKE BASINS FROM VISQUEEN TIED INTO ITEM ⑤

NOT NECESSARY TO BURY SUPPORTS.

EB

CAMPSITE FIXTURES

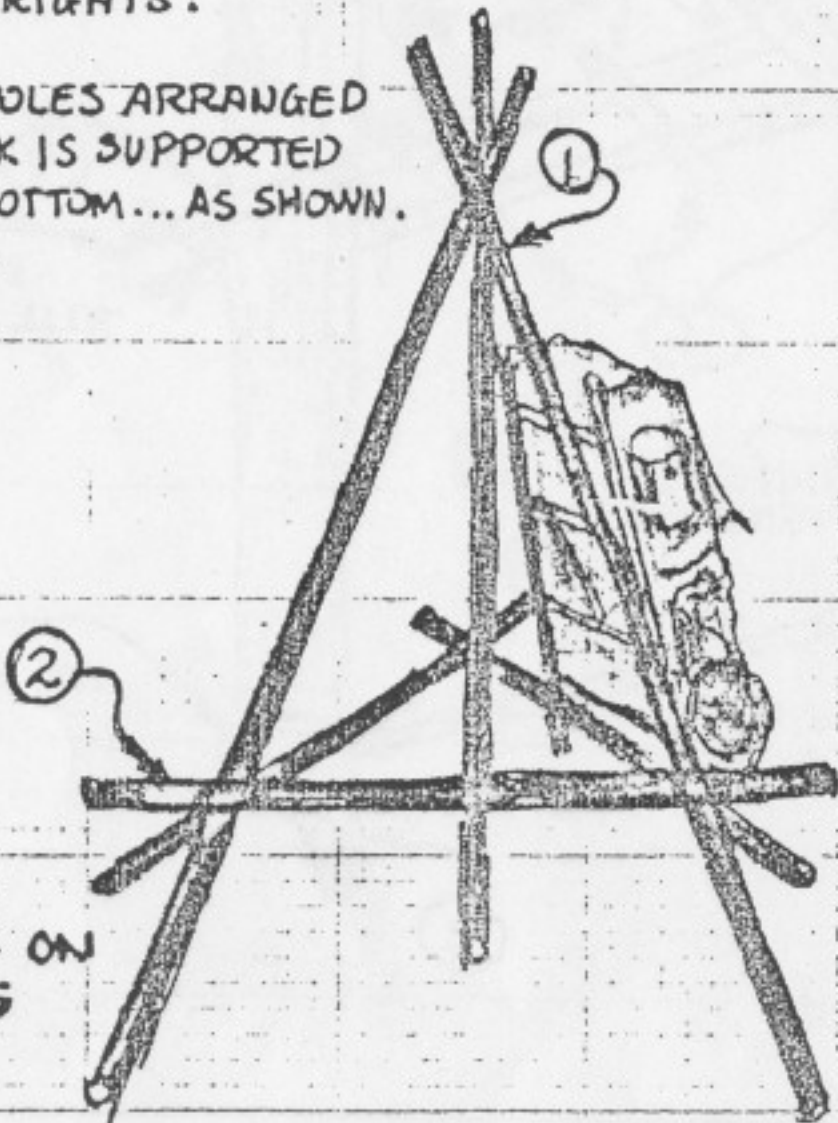
PACK RACKS - Varieties

PROD. ENG.
LAMOUREUX, L.P.

A								ISSUE	SHT. 14
4								MONTH	OF
20								DAY	PART NUMBER
2								YEAR	OPER. NO.

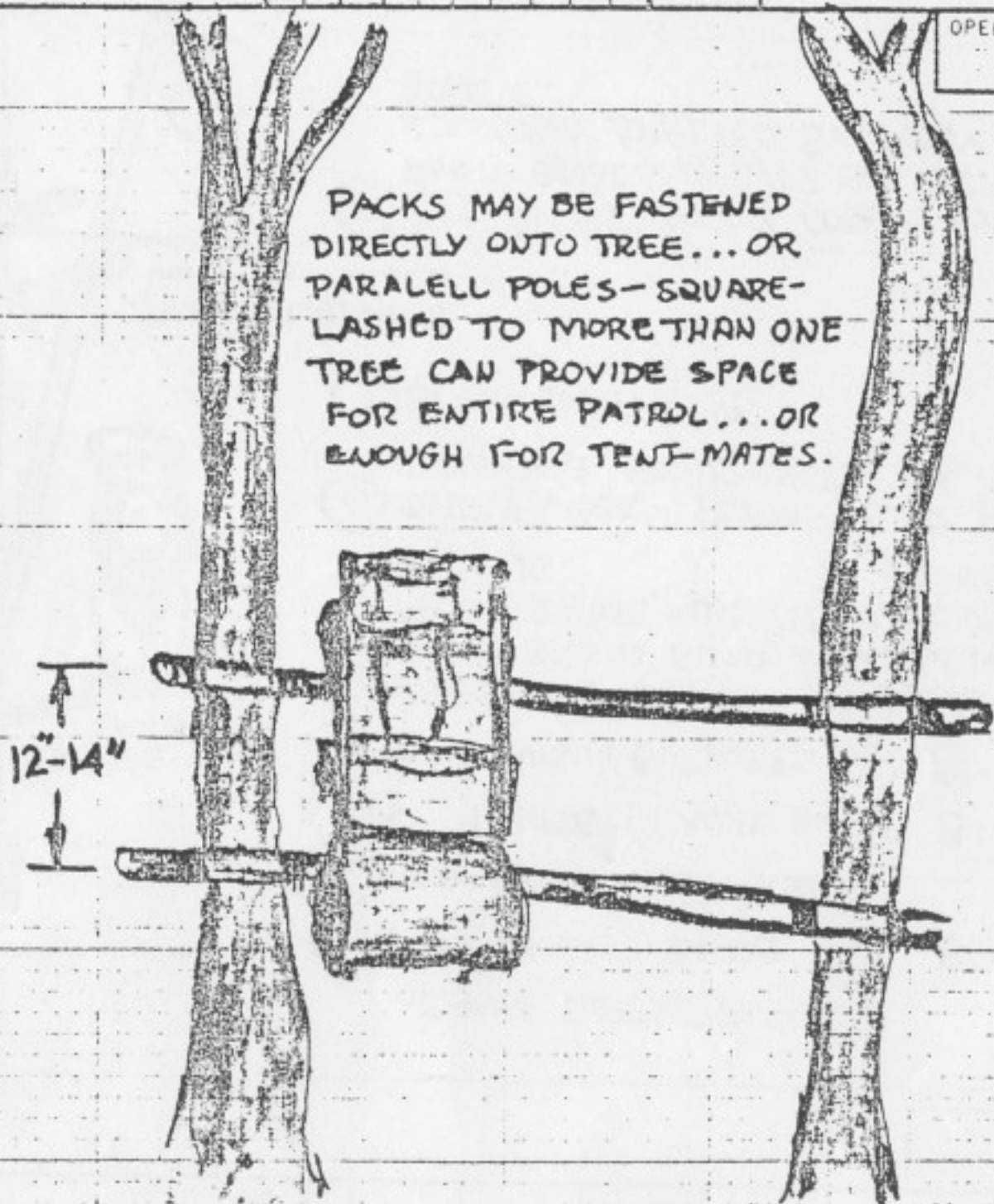
TRIPOD PACK RACK (MIGHT USE SCOUT STAVES)

- ① 6'-7' POLES, DIAGONAL LASHINGS FOR UPRIGHTS.
- ② 5'-6' POLES ARRANGED SO PACK IS SUPPORTED NEAR BOTTOM... AS SHOWN.



SQUARE LASHINGS ON ALL CROSS POLES.

PACKS MAY BE FASTENED DIRECTLY ONTO TREE... OR PARALELL POLES - SQUARE-LASHED TO MORE THAN ONE TREE CAN PROVIDE SPACE FOR ENTIRE PATROL... OR ENOUGH FOR TENT-MATES.



PRODUCTION
LAYOUT

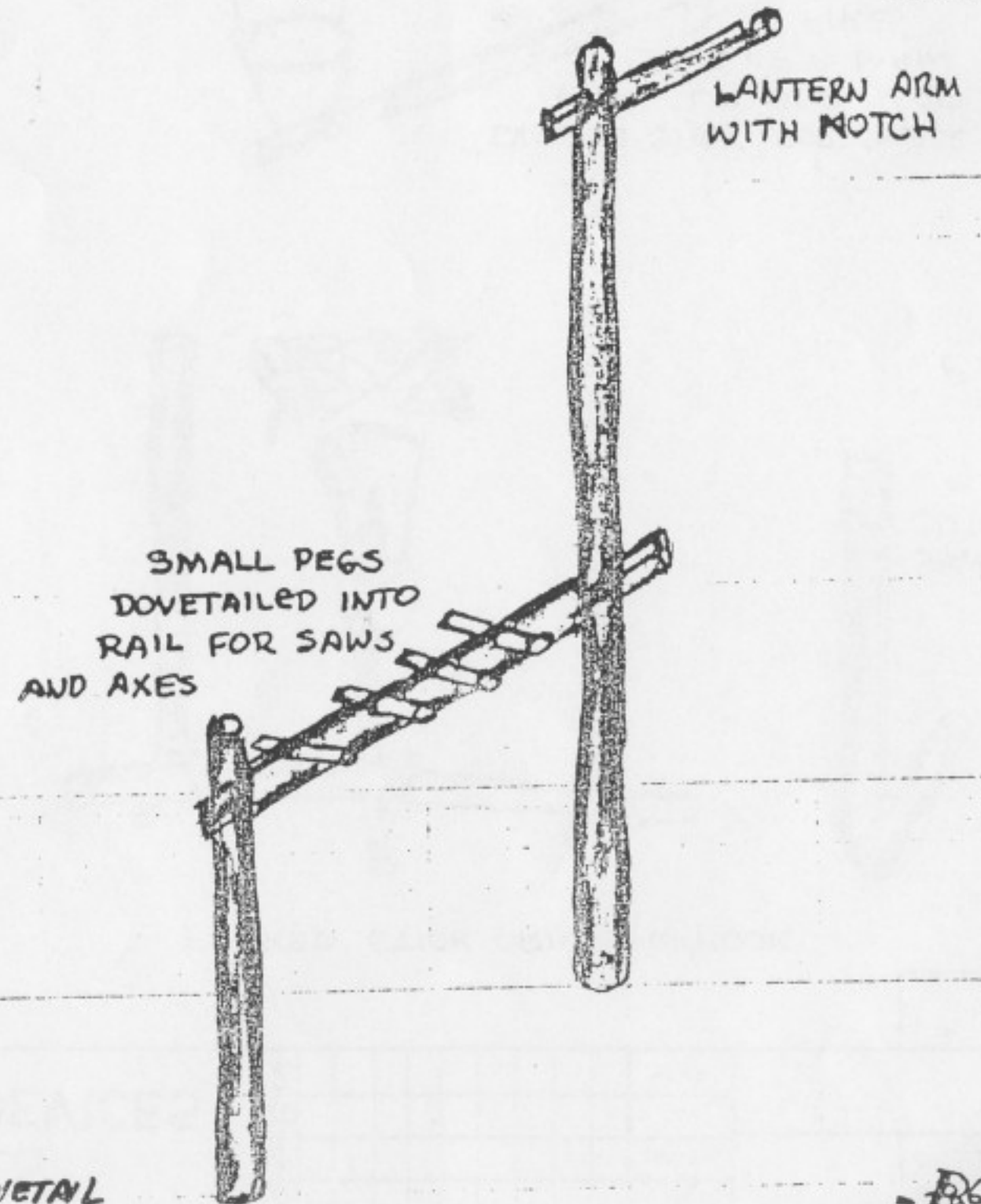
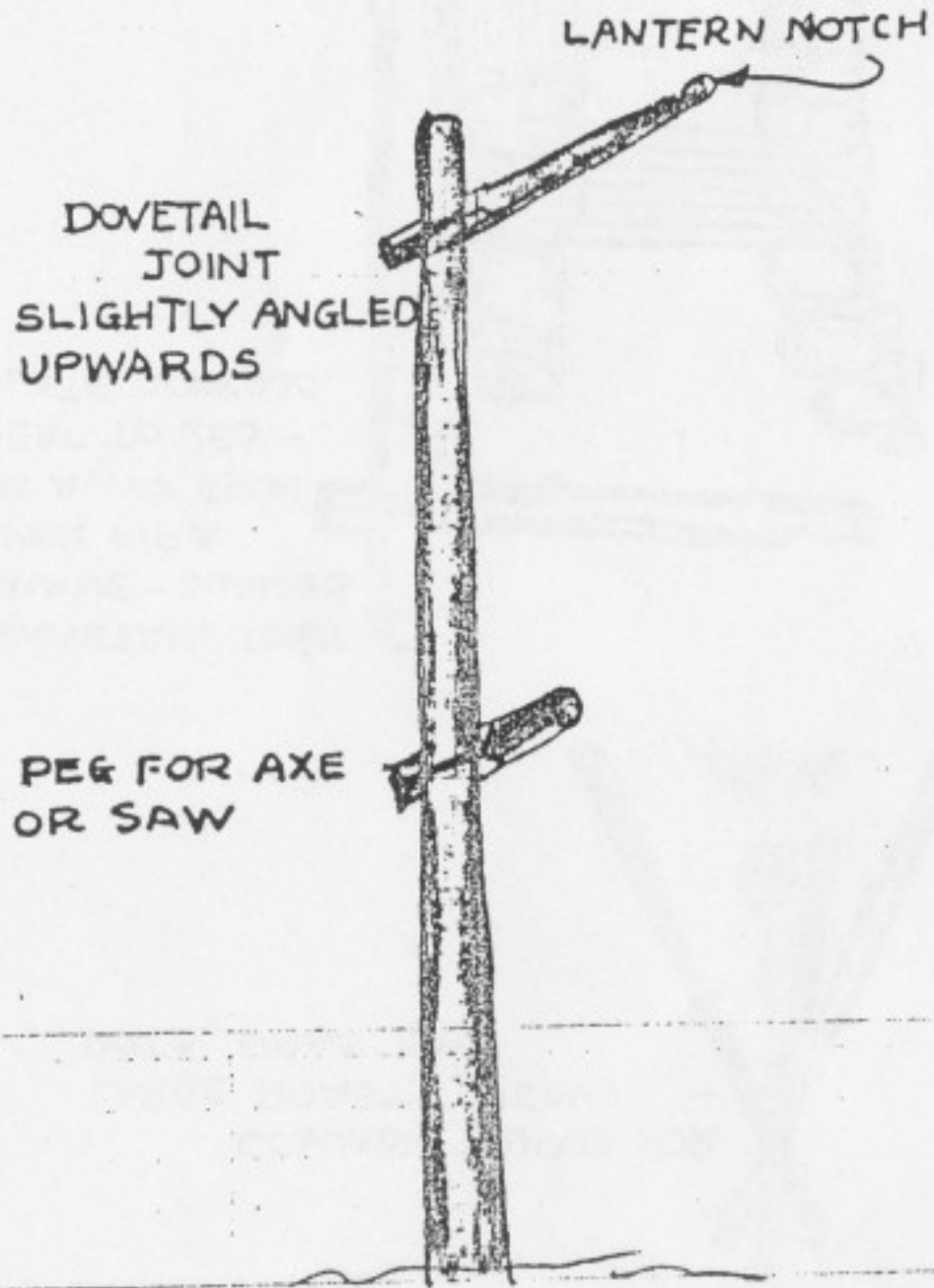
PROD. ENG.
LAMOUREUX, L.P.

CAMPSITE FIXTURES WOODYARD LAMP POST

AS
20
2

ISSUE
MONTH
DAY
YEAR

SHT. 10
OF



ALL JOINTS DOVETAILED... SEE DOVETAIL
SHEET FOR CONSTRUCTION.

CAMPSITE FIXTURES COOKING CRANE DEVICES

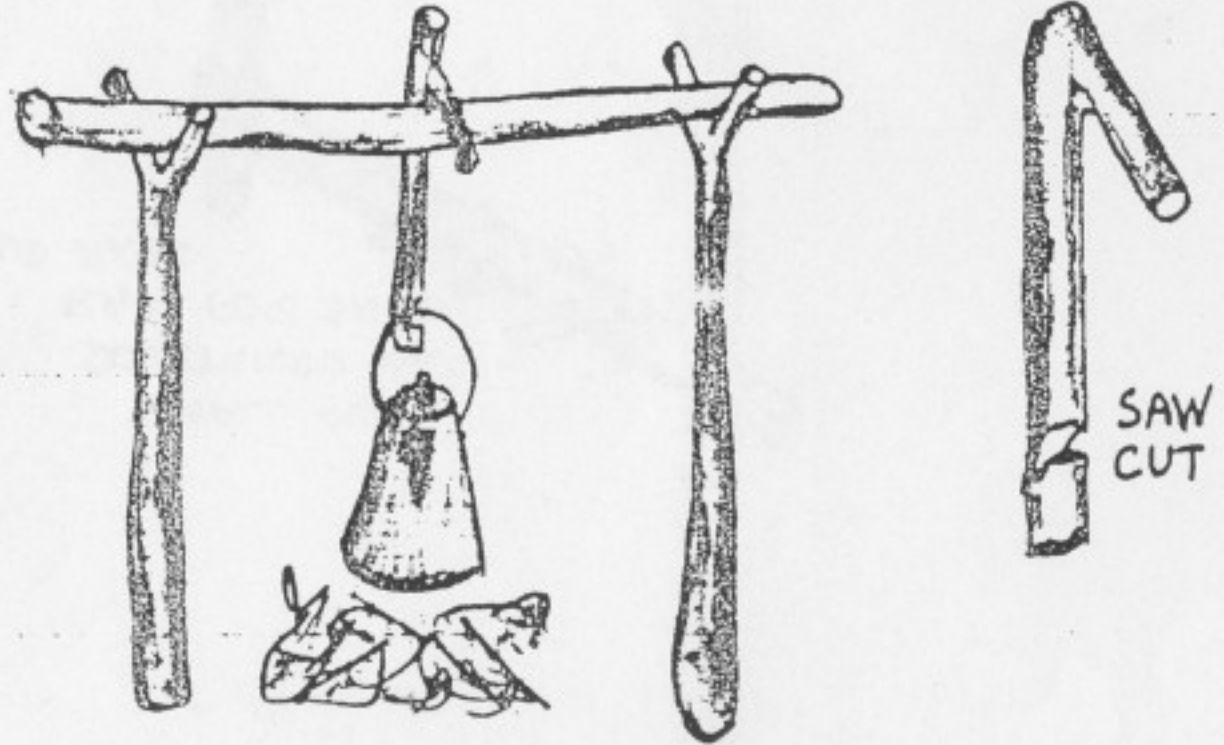
PROD. ENG.
LAMOUREUX, L.P.

A								ISSUE
4								MONTH
20								DAY
2								YEAR

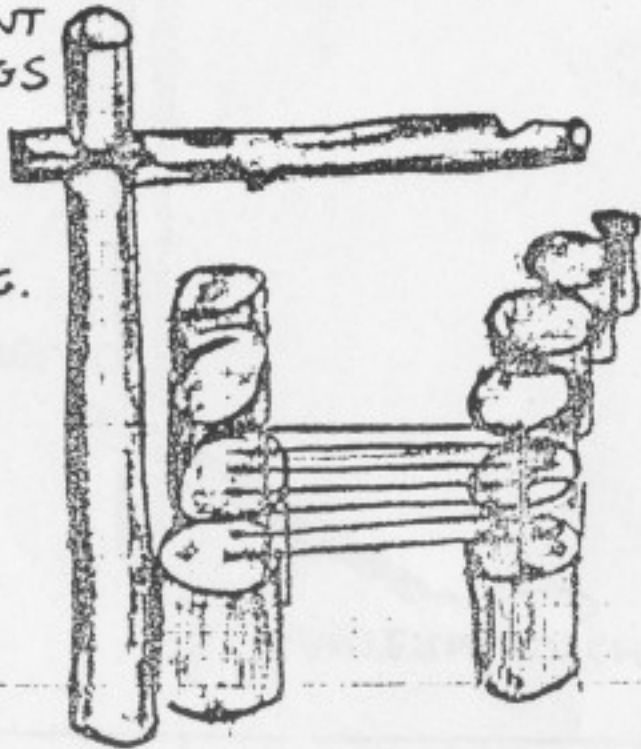
COMMON TRIPOD FOR
LARGE ROASTS, HEAVY
POTS, PAILS ETC.



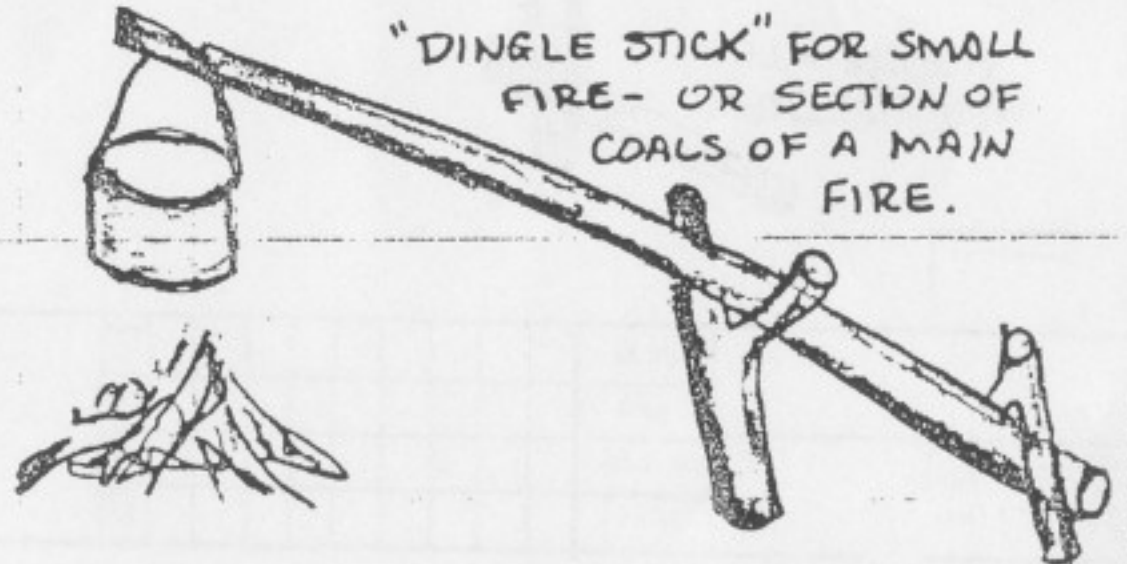
FORKED STICK CRANE W/HOOK



DOYETAILED JOINT
CRANE - SWINGS
OVER FIRE
OR AWAY FROM
HEAT TO REG -
ULATE COOKING.



"DINGLE STICK" FOR SMALL
FIRE - OR SECTION OF
COALS OF A MAIN
FIRE.



PRODUCTION LAYOUT

PROD. ENG.

REASON FOR CHANGE

CAMPSITE FIXTURES ASSORTED HOOKS

ISSUE	SHT. 17
MONTH	OF
DAY	PART NUMBER
YEAR	

OPER. NO.

CORD

BORED CORE FOR CORD

THIS BLADE CAN BE USED FOR BORING THE PITH CORE HOLES FOR CORDS

STOPPER KNOT

BORED CORE/CORD ALLOWS ADJUSTING HEIGHT OF DEVICE BEING SUSPENDED SUCH AS LANTERN OR POT...

REMOVE BARK FROM FRESH CUT CROTCHES... ALLOW TO DRY - BONE - PRINT.

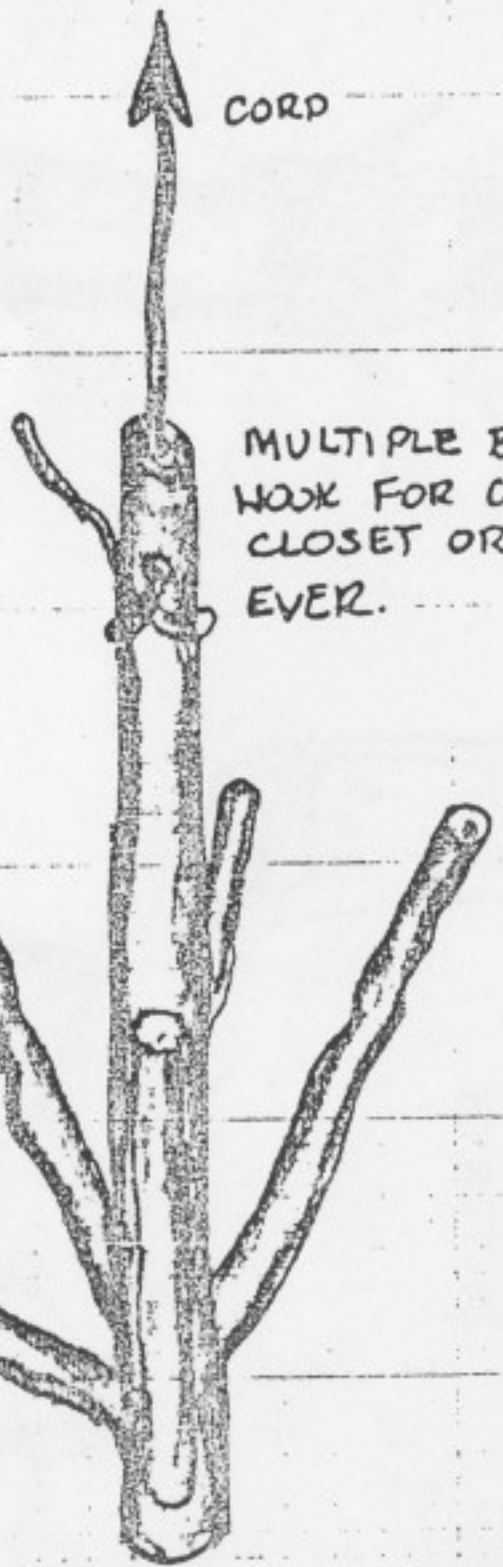
CORD

MULTIPLE BRANCH HOOK FOR CUPS, CLOSET OR WHAT-EVER.

CORD

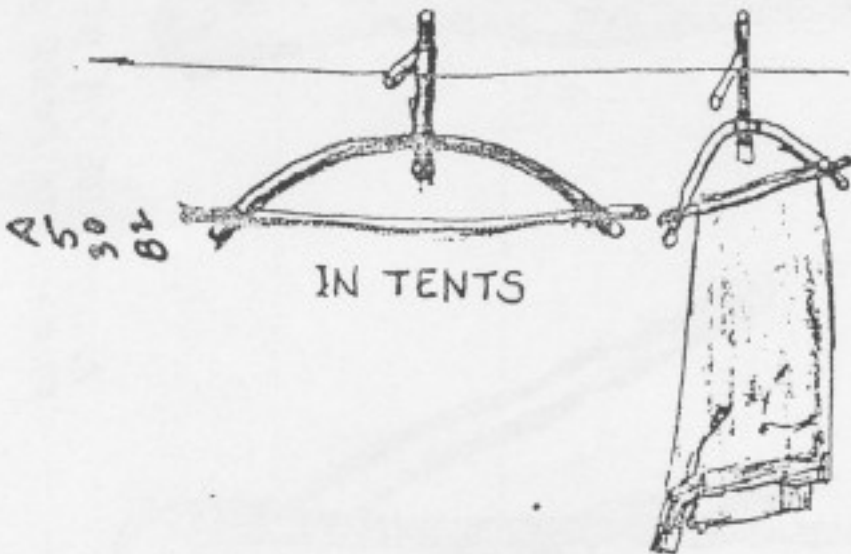
LOCKED CLOVE HITCH TO ATTACH CORD TO HOOK FOR LIGHT DUTY LOADS.

CORDS ARE 1/8" BRAIDED NYLON PARACHUTE CORD OR EQUAL.

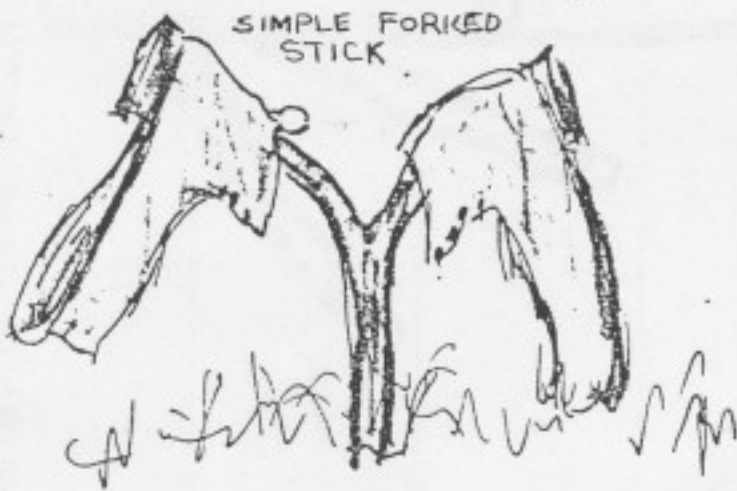


FOR APPAREL - HANG UPS

HATS...
COATS...
FLASHLITES

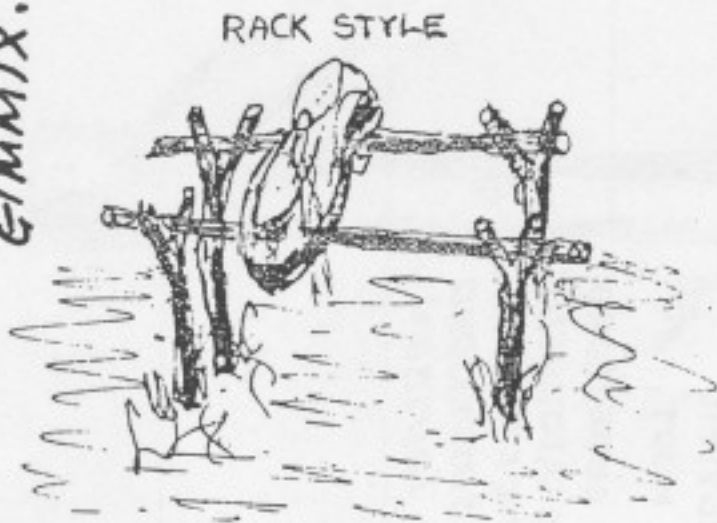


IN TENTS



SIMPLE FORKED
STICK

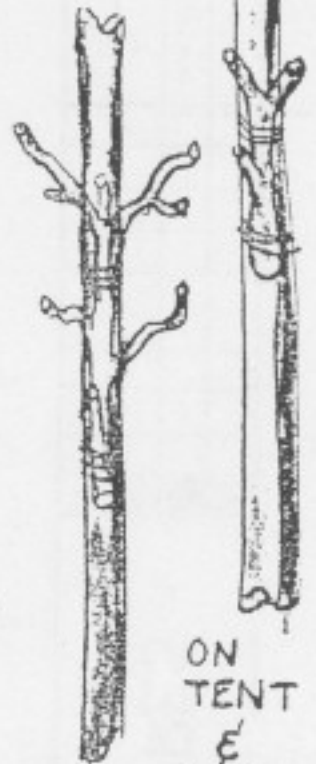
CAMPFIRE FIXTURES
GIMMIX.



RACK STYLE

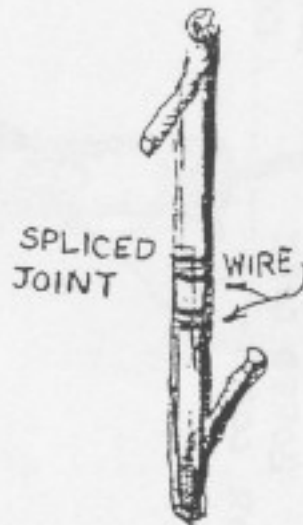


TREES



ON
TENT
&
FLY
POLES

HANGING HOOKS

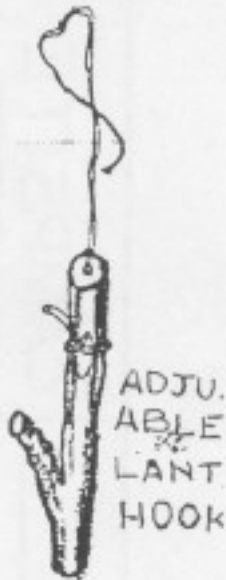


SPliced
JOINT

WIRE

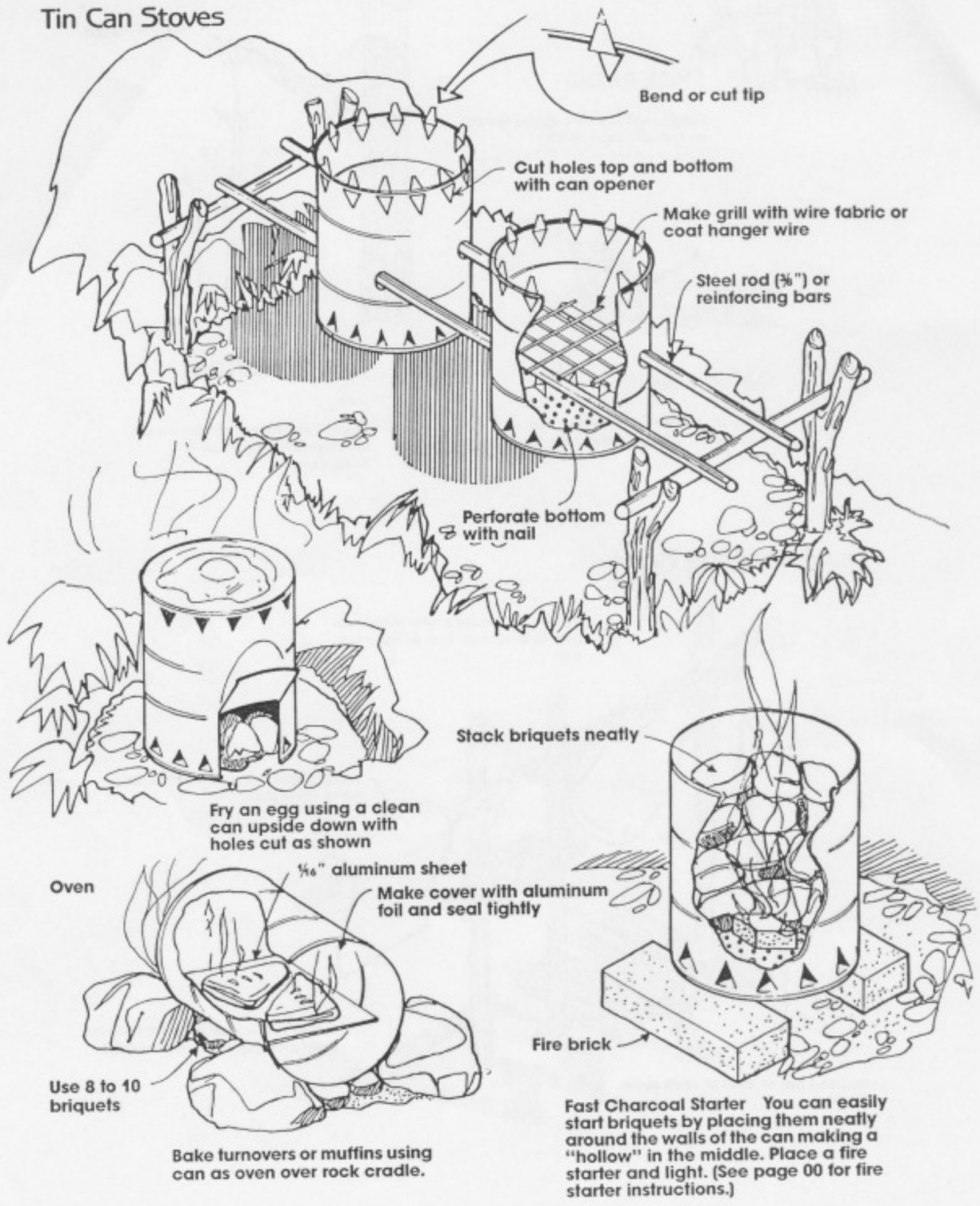


POT
HOOK



ADJU.
ABLE
LANT
HOOK

Tin Can Stoves



Bend or cut tip

Cut holes top and bottom with can opener

Make grill with wire fabric or coat hanger wire

Steel rod ($\frac{3}{8}$ ") or reinforcing bars

Perforate bottom with nail

Fry an egg using a clean can upside down with holes cut as shown

Stack briquets neatly

Oven

$\frac{1}{16}$ " aluminum sheet

Make cover with aluminum foil and seal tightly

Use 8 to 10 briquets

Fire brick

Bake turnovers or muffins using can as oven over rock cradle.

Fast Charcoal Starter You can easily start briquets by placing them neatly around the walls of the can making a "hollow" in the middle. Place a fire starter and light. (See page 00 for fire starter instructions.)



SHOE RACK

Keep shoes dry and off the ground on a simple shoe holder.



CAMP CHAIR

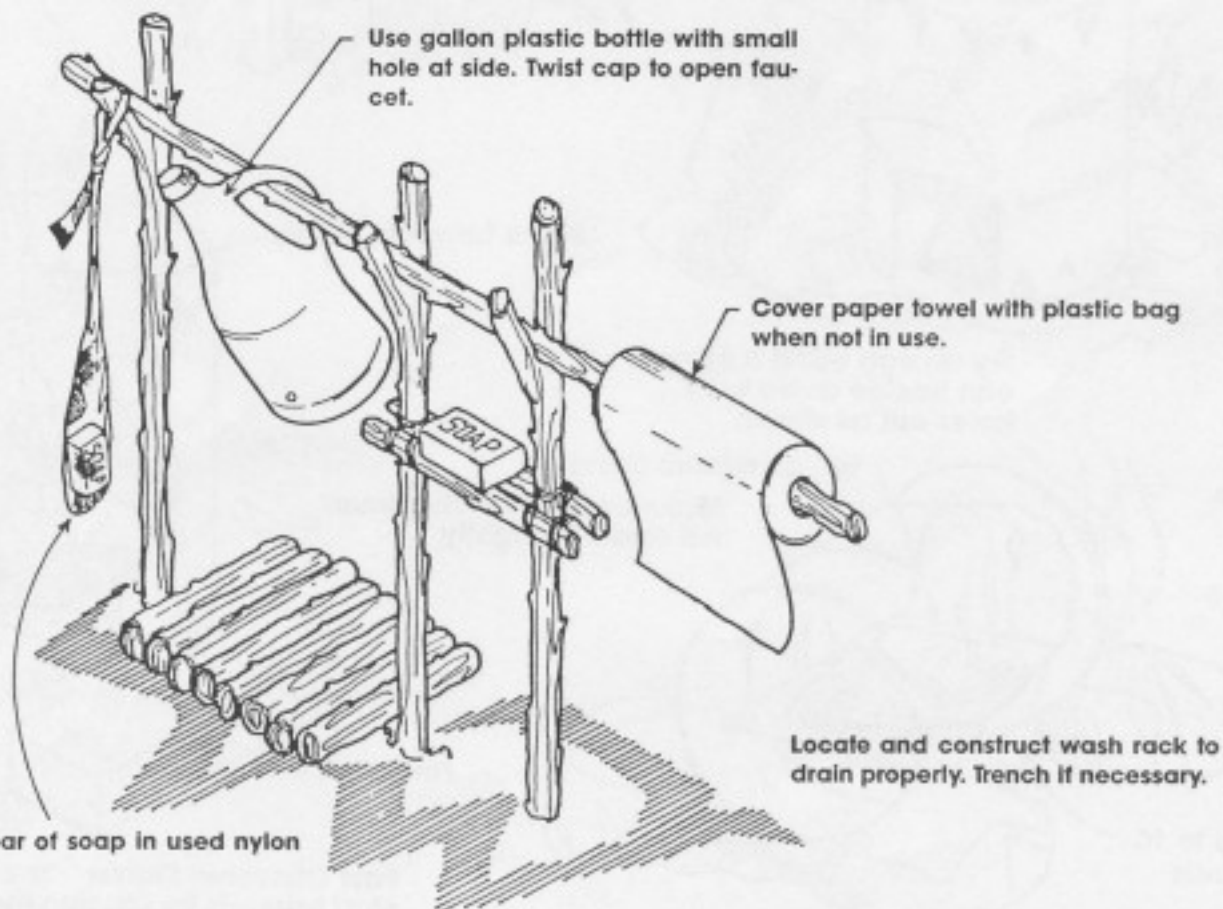
No rocking chair in camp but this Scouts chair will give you loads of comfort.



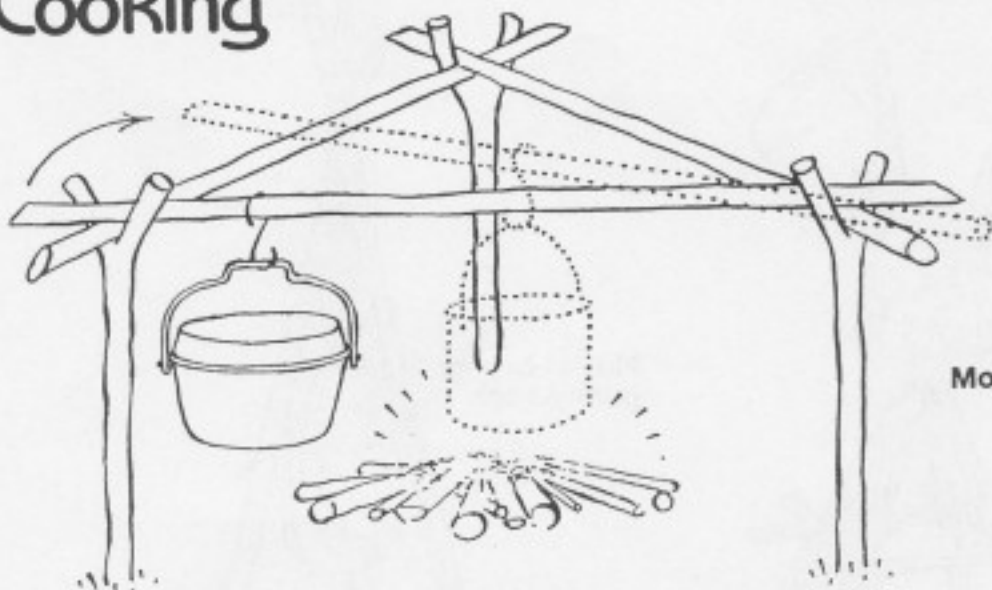
HANDY HANGER

Branch with short side branches solves problem of where to hang things.

Hand Washing Rack



Cooking

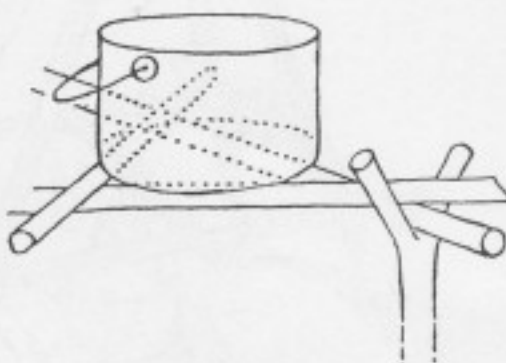


Move any stick over

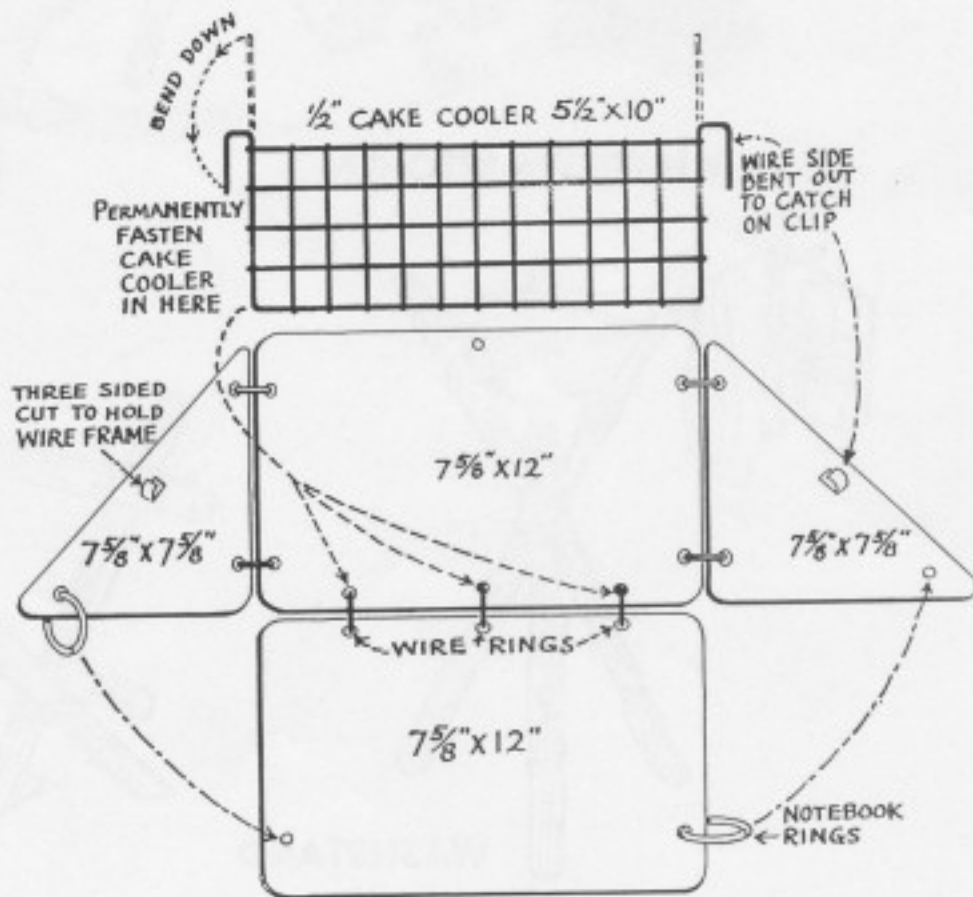
The Bangor Dixie Crane

Rarely seen today, the Bangor Dixie Crane is the best of them all, say the veterans.

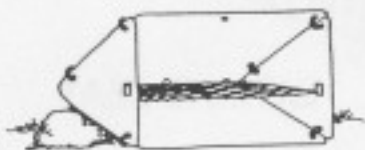
As the dotted "ghost" lines show, any of the top suspension sticks can be moved, so that dixies and billies can be moved over any part of the fire, for boiling or simmering. Also, utensils can be placed on other sticks, laid across as shown.



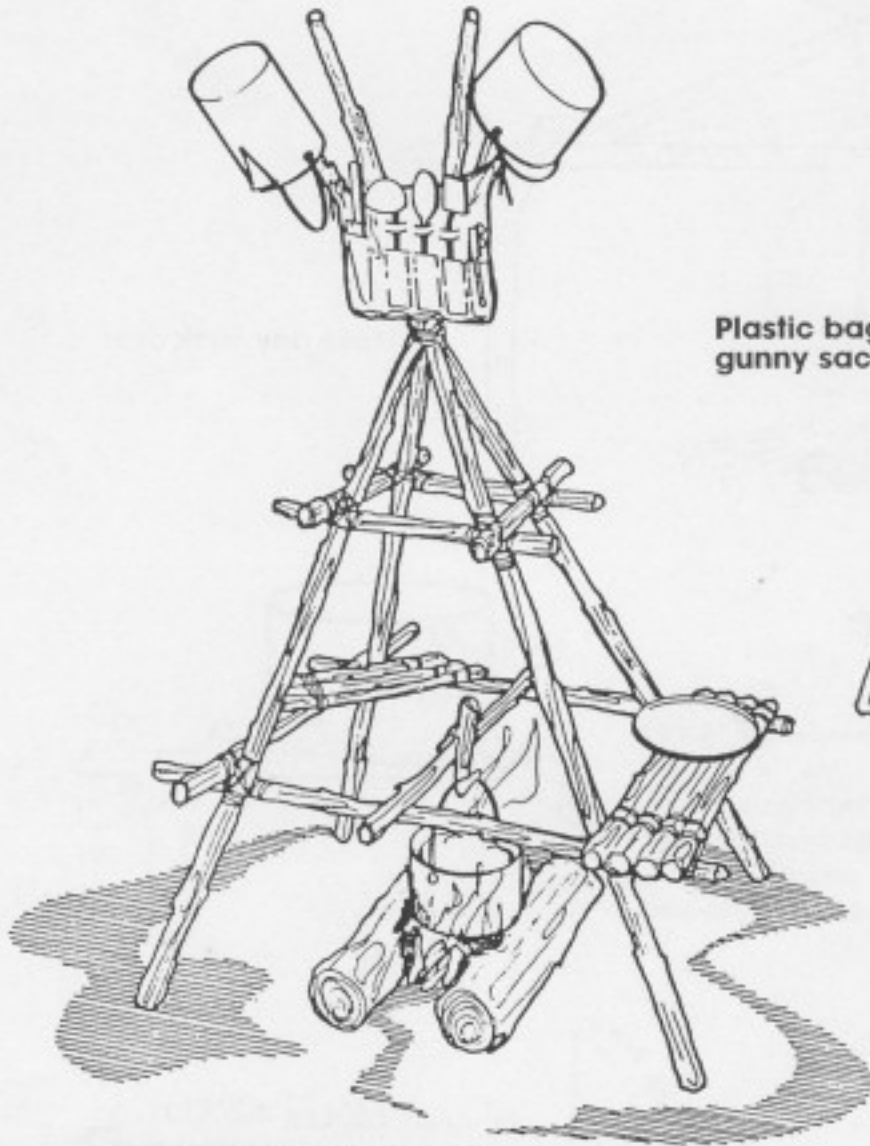
Rodgers Reflector Oven



This reflector oven folds flat, and is light weight.



Constructing Camp Projects



CHIPPEWA KITCHEN

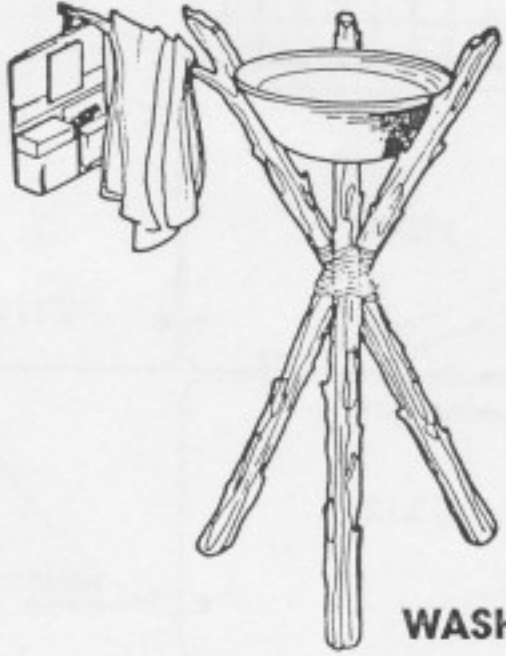


Plastic bag or
gunny sack

PROVISION BAG



FIRE BUCKET RACK

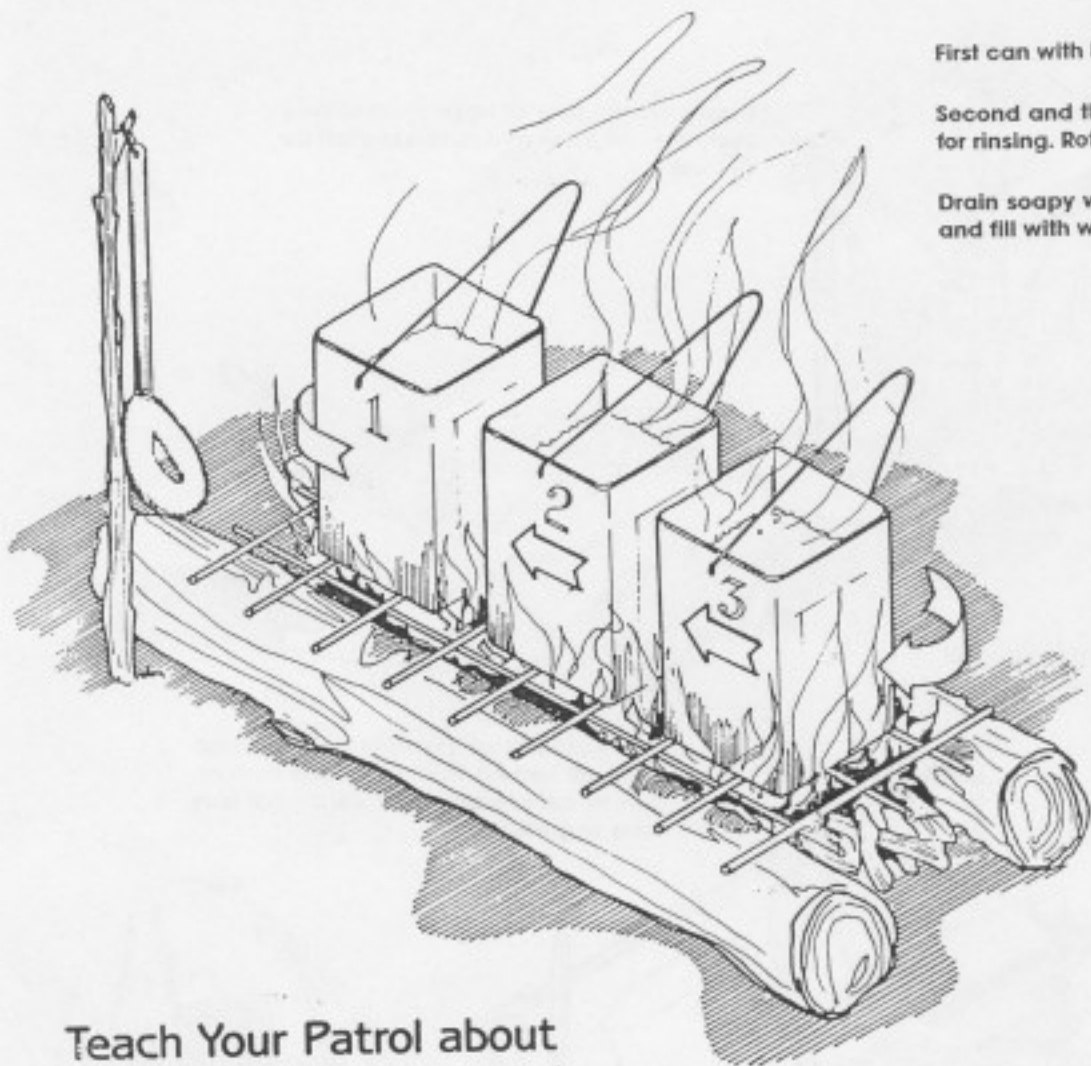


WASHSTAND



Tin can cover

LATRINE SEAT



First can with hot water and detergent.

Second and third cans with boiling water for rinsing. Rotate cans after each meal.

Drain soapy water from first can, cleanse and fill with water and rotate as shown

Teach Your Patrol about Campsite Layouts

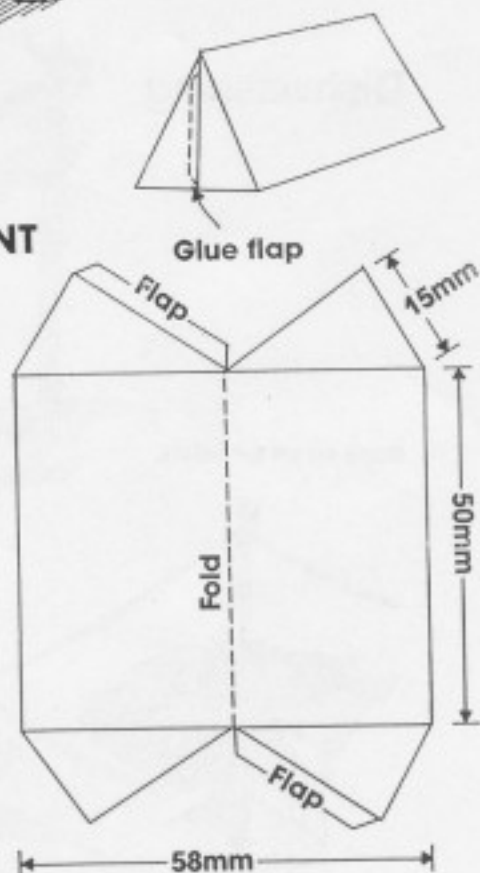
This is much more realistic and interesting if you can set up a model campsite. You can use a large tray with sand or soil to represent the ground, or better still, use the models and materials from a model railway such as model trees and people. If your site can have hedges and rocks and so on, this will enable you to discuss making use of shelter. Model brick or stone walls can also be useful. Use a strip of plastic for a river.

Below we have suggested some models you can make. We have only given the dimensions for the tent because you need to be able to get the shape of the ends right. The others you can make to an appropriate scale.

If you have time you can make model gadgets (such as a dresser) — and if you have the time and inclination you could make this part of your patrol/troop meeting. Give each patrol some dowl and string and spend part of the evening making gadgets for your model campsite.

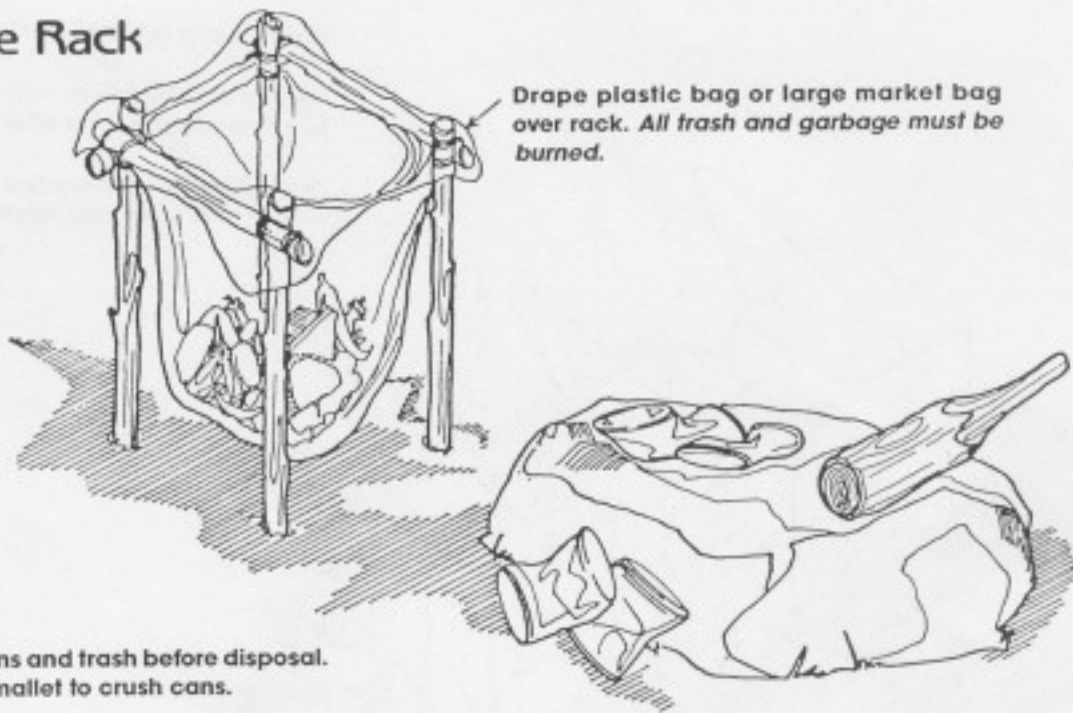
You will find it helpful preparation to read pages 24-25 (simple two-man campsite) in 'The Scout Badge and The Scout Standard', and pages 9-12 (what to look for in a site, choosing a site and camp kitchen layout) in 'The Advanced Scout Standard' (both books by Steve Scholes and published by The Scout Association).

MODEL TENT



Make this out of light card stock. Alternative—Make one with the above measurements for a store tent and another with doubled measurements as a sleeping tent.

Garbage Rack



Drape plastic bag or large market bag over rack. All trash and garbage must be burned.

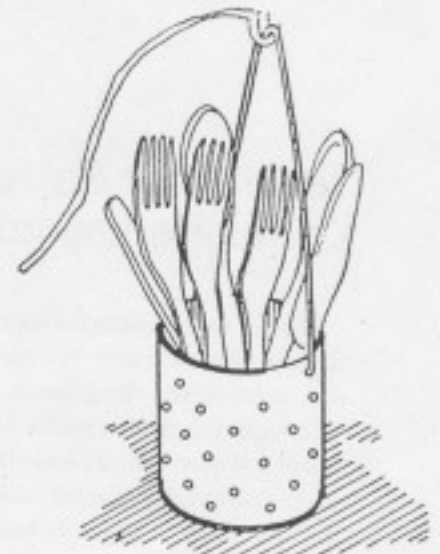
Burn all tin cans and trash before disposal. Use wooden mallet to crush cans.

If camping area does not provide trash cans, all burned trash and cans must be carried out of camp grounds. Do not bury cans or garbage.

Dishwashing

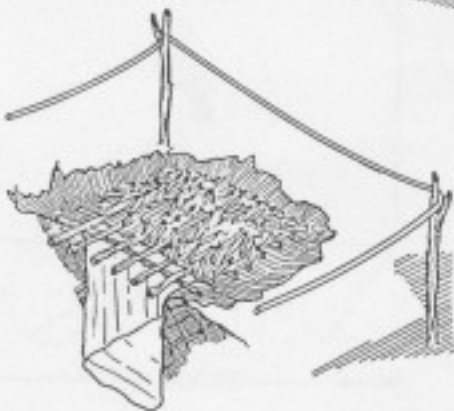


DISH DRYING RACK



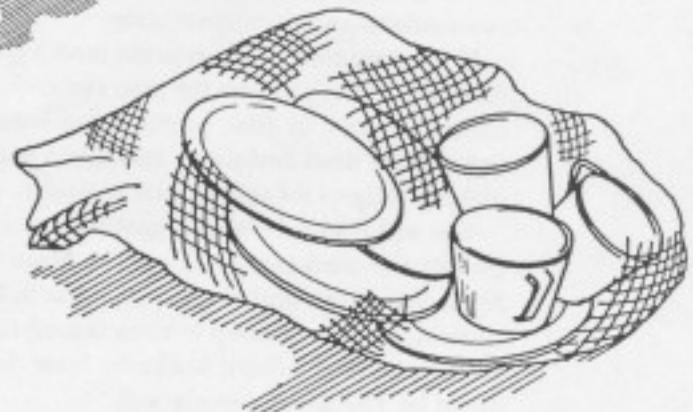
Nylon mesh bag for rinsing. Perforated can utensil rinse.

Rope off pit for safety.



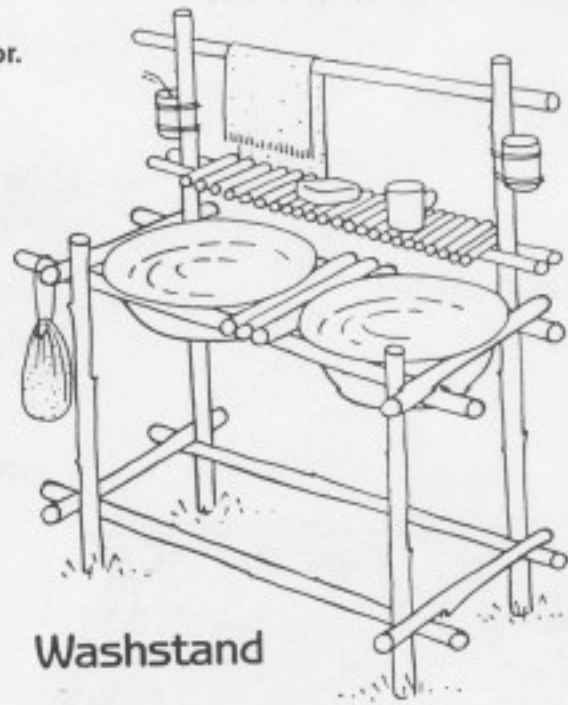
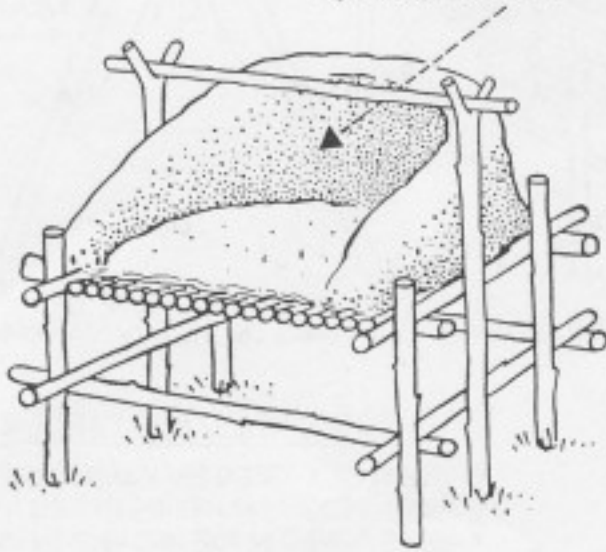
GREASE PIT

Dig approximately 12-inches deep and 8-inches square in width. Place twigs as shown and place pine needles or grass over to trap grease.



Altar Fireplace

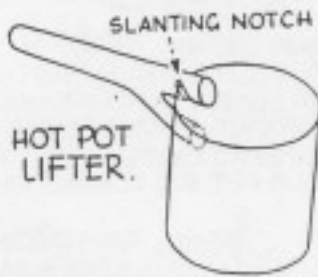
Make mud heat reflector.
Intensify heat further
by lining with foil.



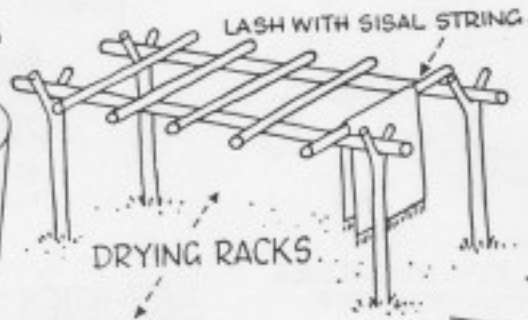
Washstand

Lash with sisal string.

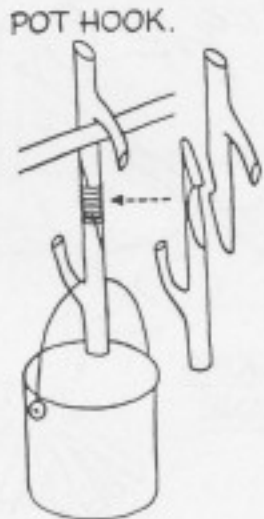
Some Traditional Camp Gadgets



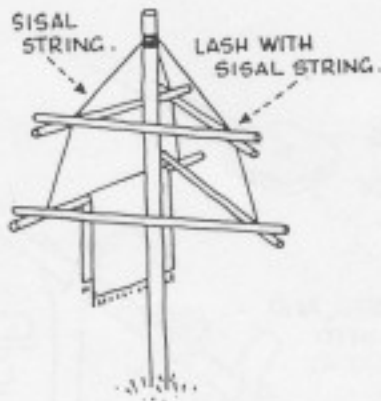
HOT POT LIFTER.



DRYING RACKS.



POT HOOK.



CAMP SHOWER.



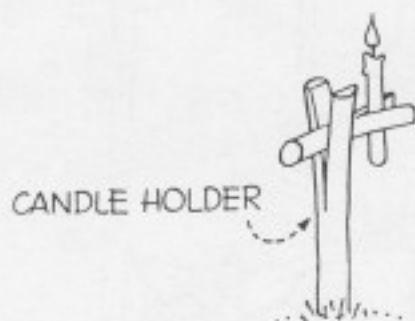
PLATE DRYER.

CLOTHES PEGS.

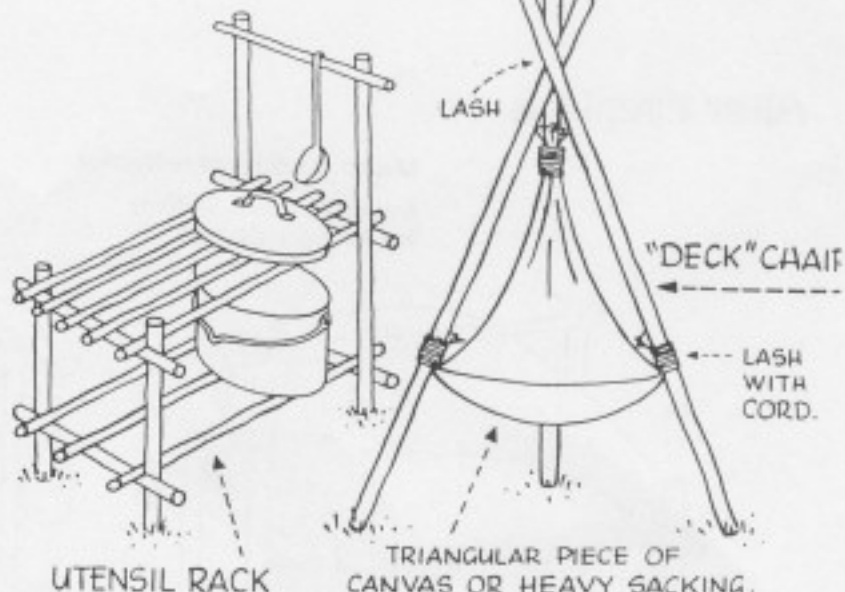
WASH STAND.

PULL

Gadgets Old and New

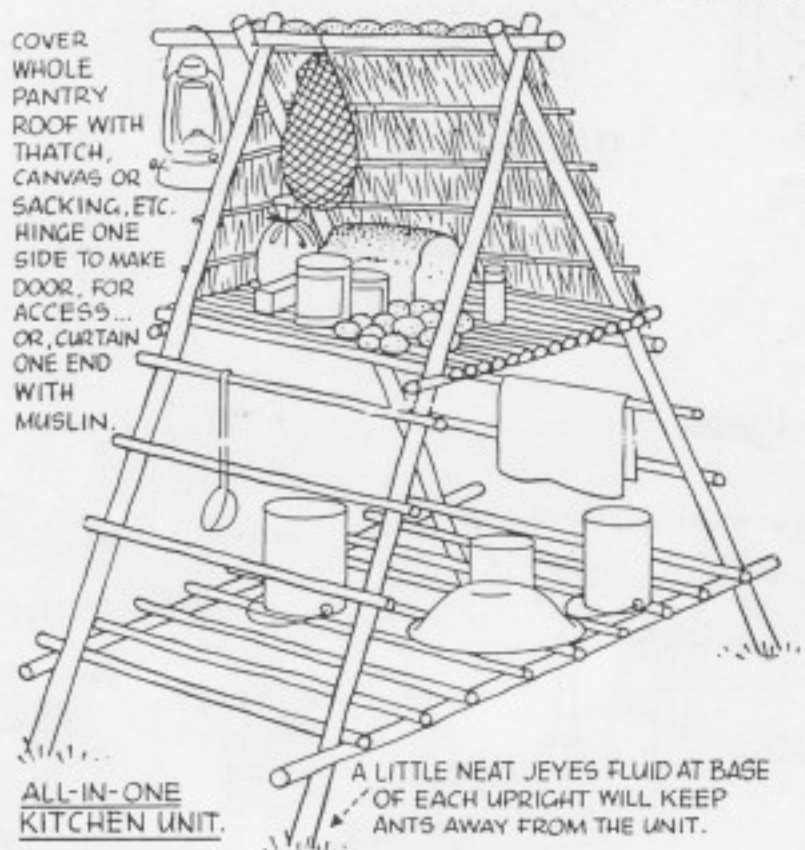


CANDLE HOLDER



UTENSIL RACK

TRIANGULAR PIECE OF CANVAS OR HEAVY SACKING.



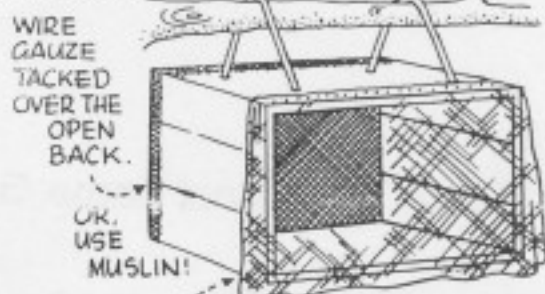
COVER WHOLE PANTRY ROOF WITH THATCH, CANVAS OR SACKING, ETC. HINGE ONE SIDE TO MAKE DOOR, FOR ACCESS... OR, CURTAIN ONE END WITH MUSLIN.

ALL-IN-ONE KITCHEN UNIT.

A LITTLE NEAT JEEVES FLUID AT BASE OF EACH UPRIGHT WILL KEEP ANTS AWAY FROM THE UNIT.

SUSPENDED BOX LARDER

WOODEN BOX, OPEN BACK AND FRONT, AND SUSPENDED BY TWO ROPE'S PASSED THROUGH 4 HOLES BORED IN TOP, AND HELD BY KNOTS INSIDE BOX.



WIRE GAUZE TACKED OVER THE OPEN BACK.

OR, USE MUSLIN!

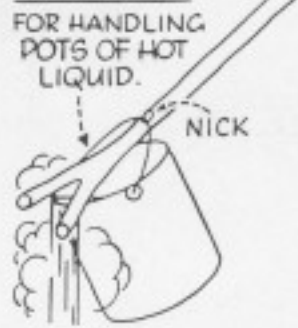
MUSLIN CURTAIN, TACKED AT TOP. HOLD CURTAIN TAUT WITH ELASTIC BAND AROUND BOX FRONT. REMOVE BAND FOR ACCESS TO LARDER. KEEP THE MUSLIN WET, FOR COOLNESS.

FUZZ-STICK



FOR STARTING A FIRE IN DAMP CONDITIONS.

POT-FORK

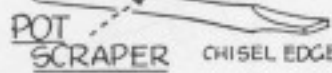


FOR HANDLING POTS OF HOT LIQUID.

NICK

TOASTER

- A SPLIT GREENSTICK.

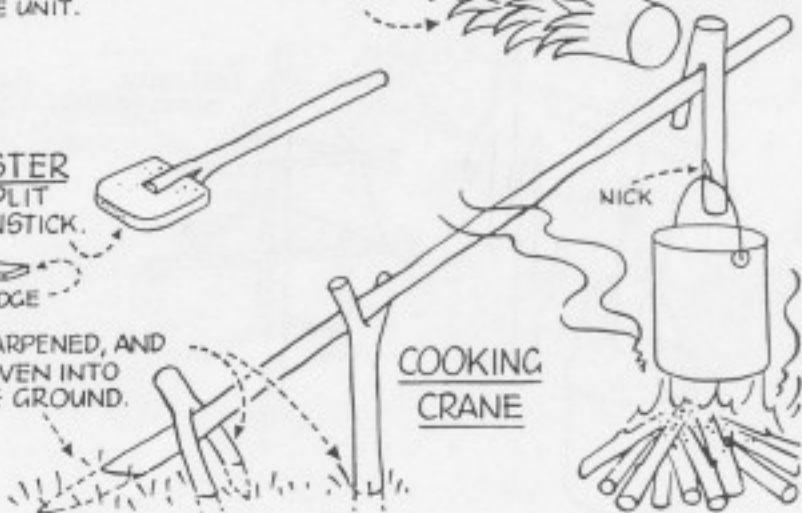


POT SCRAPER

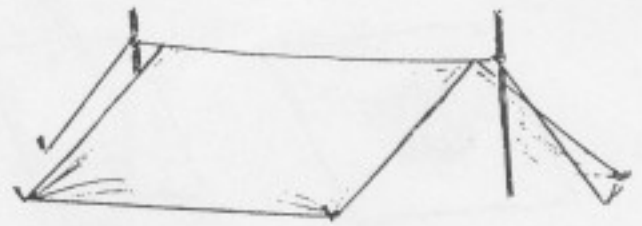
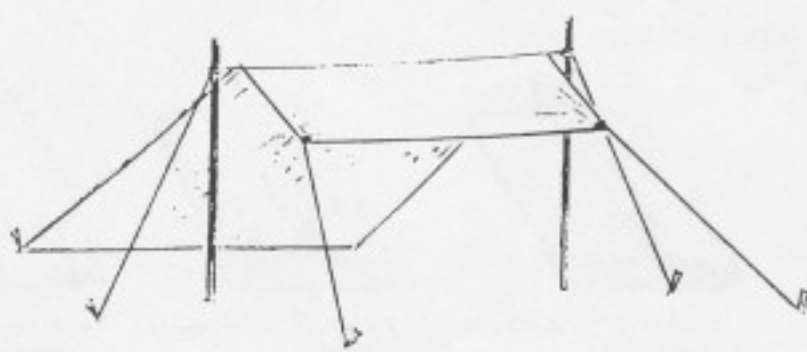
CHISEL EDGE

SHARPENED, AND DRIVEN INTO THE GROUND.

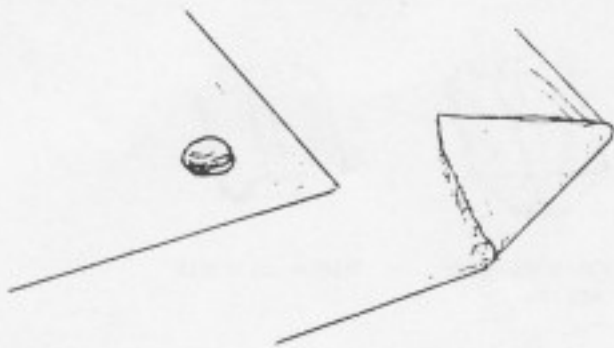
COOKING CRANE



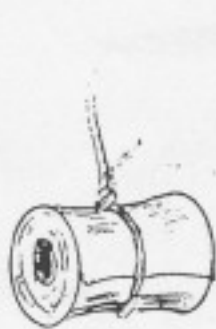
NICK



Builder's plastic can be used for ground cloths and to improvise tents and flies. Tie a small stone in the corner with the tent rope. It won't easily rip out.

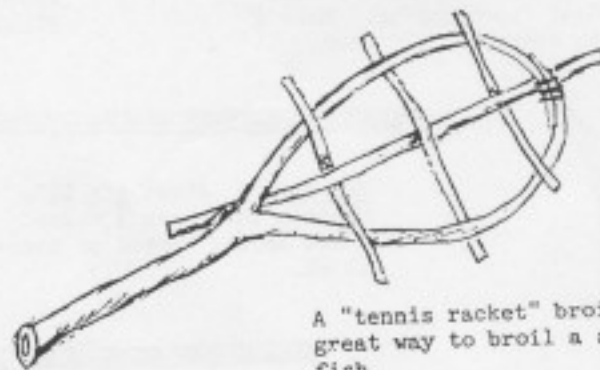


Film cans make good personal salt & pepper shakers. Close the top with tape - stick it on the side when in use.

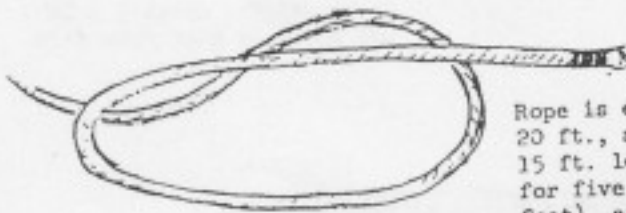


Dip with toothpick

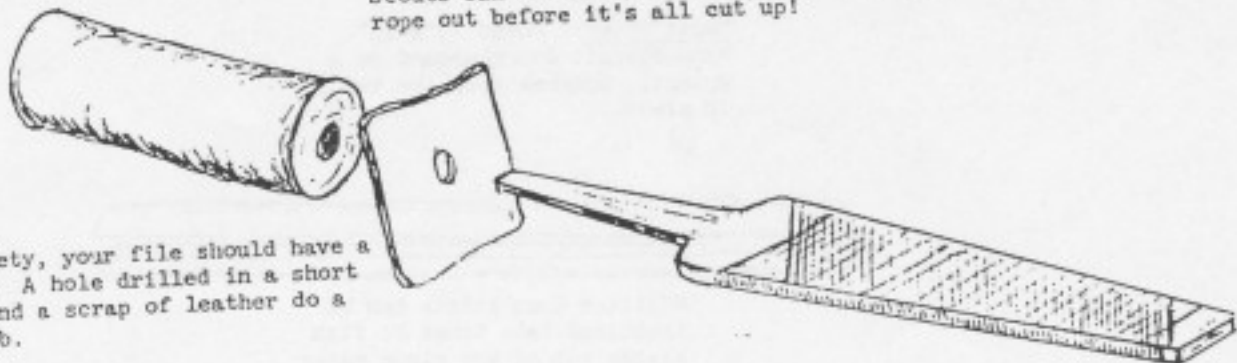
Cubes of Celotex or short rolls of newspaper, dipped in paraffin make good fire starters. Nick 'em to light. **WARNING:** Always melt paraffin in a pan of water to prevent fire.



A "tennis racket" broiler is a great way to broil a small steak or fish.



Rope is expensive and here's how to conserve it. Cut rope into 15 ft., 20 ft., and 25 ft. lengths. Whip the ends. Paint the whippings on the 15 ft. lengths with red paint. Three letters in red - each letter stands for five ft. Paint the 20 ft. lengths with blue (4 letters x 5 ft. is 20 feet), and the 25 ft. lengths with green paint. Set the standard that rope is never cut - tuck in what you don't need or get a shorter piece. Scouts can instantly identify the lengths and you'll probably wear the rope out before it's all cut up!



For safety, your file should have a handle. A hole drilled in a short stick and a scrap of leather do a fine job.

More Gizmos, Gadgets, & Gilhickies

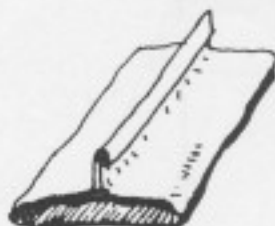
COOKIN' WITH FOIL



Place food in center of foil



Bring sides up loosely



Fold top $\frac{1}{2}$ " down, crease



Fold top down again. Don't crease.



Fold top down flat. Press ends together



Fold corners over along dotted lines.



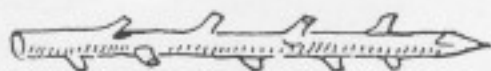
Fold pointed ends over $\frac{1}{2}$ ".



Fold ends over again.



Place on coals



Meat Loaf Stick: The barbs or branches keep the meat loaf from turning. Make $\frac{1}{2}$ " in diameter, 12" long.



Shishka-Stick: About $\frac{1}{2}$ " x 12". Punch through the meat for kabob. Flatten one side to meat won't slip.



Temp Stick: Used for heat control. The lower the fork, the hotter. Pegs in the stick work too.



Forked Stick: Used in pairs to hold Shiska-stick, Egg stick, or meat loaf stick.



Egg Stick: About $\frac{1}{4}$ " x 12". Whittle so it has 3 sides. Place across forked or temp-stick.



Twixer: Used for stirring dough to "twix" up biscuits.



Spear Stick: About $\frac{1}{4}$ " x 12". Use to spear meat from fire.



Twist Stick: About $2\frac{1}{2}$ " x 12". Wrap biscuit dough around in a spiral. Notches keep the twist in place.



Whittled down sticks can be fashioned into tongs to fish plates out of hot rinse water

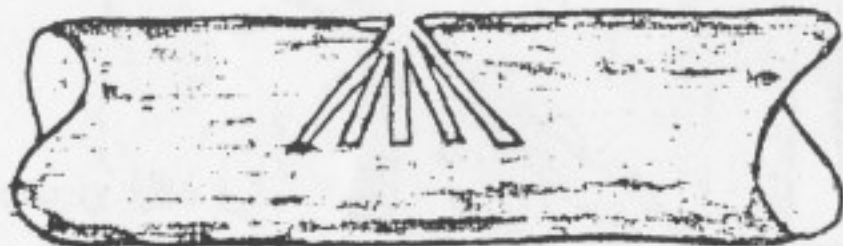
PRODUCTION LAYOUT

CAMPSITE FIXTURES DOVETAIL JOINT DETAIL

A									ISSUE	SHT. 8
4									MONTH	OF
20									DAY	PART NUMBER
2									YEAR	OPER. NO.

PROD. ENG.
LAMOUREUX, L.P.

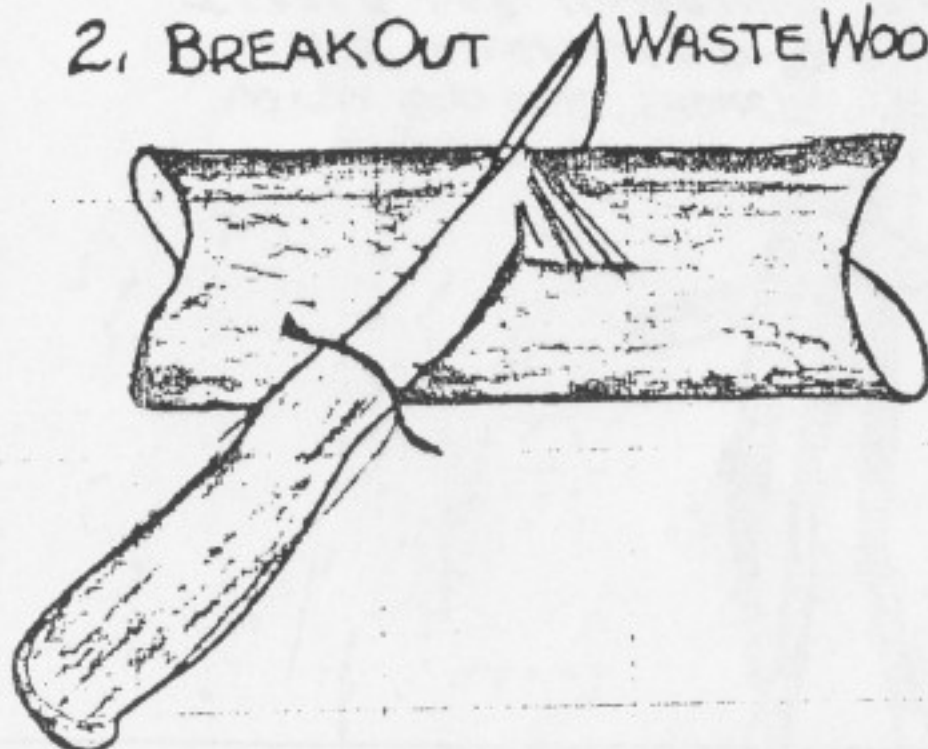
1- MAKE FOUR SAWCUTS



3. SMOOTH INSIDE OF CUT (MORTISE) WITH KNIFE.



2. BREAK OUT WASTE WOOD



4. MAKE TENON WITH KNIFE OR SMALL AXE



SIDE VIEW



END VIEW

THE MORTISE (FEMALE PART) SHOULD NOT BE MADE TO WEAKEN THE PIECE IT IS CUT INTO. IT NEEDS TO BE ONLY AS LARGE AS THE TENON PART (MALE) THAT FITS INTO IT. TOOLS NEEDED ARE A SAW (PACKSAW OR 24" BONSAW) AND A STOUT KNIFE. DO NOT USE THE COMMON SCOUT FOLDING KNIFE EXCEPT IN VERY SMALL JOINTS. THE PIVOT LOOSENS. DRIVE MORTISE INTO TENON WITH MAUL, HAMMER OR CAREFULLY WITH FLAT HEAD OF AN AXE.