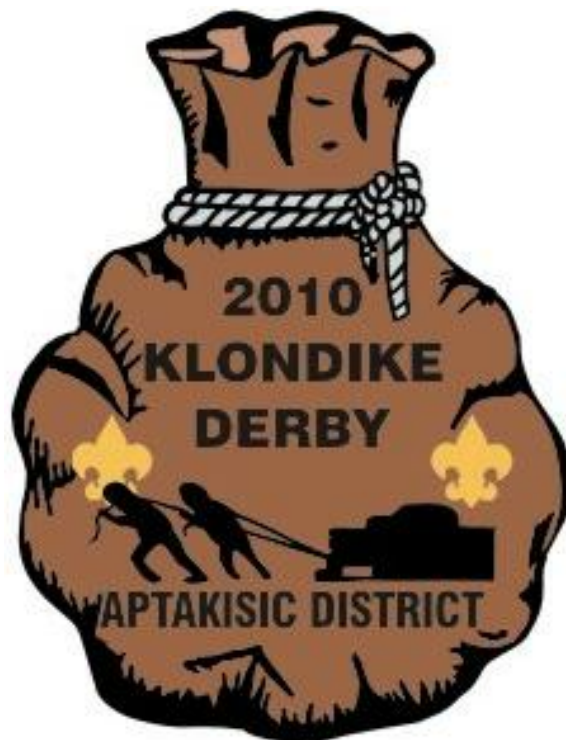


# Race To The Stake

2010

Aptakistic District Klondike Derby



Information For Leaders

January 30, 2010

Camp Oakarro

40635 Mill Creek Road • Wadsworth, IL 60083

# Race To The Stake

## 2010 Aptakistic District Klondike Derby

### The Story

The Klondike Gold Rush was touched off by the discovery of gold on Rabbit (later Bonanza) Creek, a tributary of the Klondike River, in August, 1896. The world learned of the discovery when some of the newly rich pioneers reached the West Coast by steamship in July, 1897. The Seattle Post-Intelligencer's description of a "ton of gold" touched off a stampede of adventurers and gold seekers.

The wealthy went by water. The poor struggled over the White Pass and Chilkoot Pass and then down the Yukon River in handmade craft. The foolhardy took the "all-Canadian" route and found themselves spending two years on the trail.



Once they arrived and found an unoccupied section of stream or river, a miner could stake his claim by registering it with the government offices. Those who arrived earliest got the best stakes.

Arriving quickly meant being prepared, well equipped, and skilled in the outdoors. Our "Race To The Stake" is a continuation of that tradition. Your Patrol will be presented with a number of challenges along the course of the Klondike Derby. If you've brought the right gear and mastered some outdoor skills, you have a chance to bring back enough gold to qualify for a finishing prize.

# Race To The Stake

## 2010 Aptakasic District Klondike Derby

### Schedule of Events

- 7:00 - 8:00 Volunteers come to Pavilion for information and materials
- 8:00 – 8:50 Registration and Sled Inspection
- 8:50 – 9:00 Flag Ceremony at Pavilion
- 09:00 – 09:05 Travel Period  
09:05 – 09:45 First Assigned City
- 09:45 – 09:50 Travel Period  
09:50 – 10:30 Second Assigned City
- 10:30 – 10:35 Travel Period  
10:35 – 11:15 Third Assigned City
- 11:15 – 11:20 Travel Period  
11:20 – 12:00 Fourth Assigned City
- 12:00 – 1:00 Lunch  
(Lunch is to be prepared and eaten where you are)  
Judges return score sheets to pavilion
- 01:00 – 01:05 Travel Period  
01:05 –01:45 Fifth Assigned City
- 01:45 – 01:50 Travel Period  
01:45 – 02:30 Sixth Assigned City
- 02:30 – 02:45 Patrols Assemble at Pavilion  
Judges return score sheets to Pavilion
- 02:45 – 03:15 Race To the Stake  
Tally of scores
- 3:15 - 3:45 Closing and Awards Ceremony  
Dismissal

# Race To The Stake

## 2010 Aptakistic District Klondike Derby Preparation



The events for the Race to the Stake have been set:

- Snow Blind Compass
- Run, Balto, Run
- Through the Ice and Snow
- Ski The Trees
- Lunch
- Here And There
- I Like Fire!
- Race To The Stake



A prepared Patrol would know how to:

- Use a compass
- Pace a consistent step
- Ensure their sled will hold a patrol member
- Understand safe winter rescue techniques
- Be able to demonstrate first aid for common winter accidents
- Be able to identify common Midwestern tree species by bark, leaves or berries
- Be able to work together as a team under a single leader's direction
- Prepare a warm meal in a cold environment
- Estimate distance, height and time
- Build and light a fire using no lighters, accelerants, or fire starters
- Be able to pull their sled and its contents
- Be able to follow directions

# Race To The Stake

## 2010 Aptakistic District Klondike Derby

### Preparation

If you had participated in the Klondike Gold Rush, the Canadian Mounted Police would have required that you have ALL of the following material before being allowed to proceed:

- 150 lb. bacon
- 400 lb. flour
- 25 lb. rolled oats
- 125 lb. beans
- 10 lb. tea
- 10 lb. coffee
- 25 lb. sugar
- 25 lb. dried potatoes
- 2 lb. dried onions
- 15 lb. salt
- 1 lb. pepper
- 75 lb. [dried fruits](#)
- 8 lb. baking powder
- 2 lb. soda
- 1/2 lb. evaporated vinegar
- 12 oz. compressed soup
- 1 can mustard
- 1 tin matches (for four men)
- Stove for four men
- Gold pan for each
- Set granite buckets
- Large bucket
- Knife, fork, spoon, cup, and plate
- [Frying pan](#)
- Coffee and teapot
- [Scythe stone](#)
- Two picks and one shovel
- One whipsaw
- Pack strap
- Two [axes](#) for four men and one extra handle
- Six 8-inch (200 mm) [files](#) and two [taper files](#) for the party
- [Draw knife](#), [brace and bits](#), [jack plane](#), and [hammer](#) for party
- 200 feet three-eighths-inch rope
- 8 lb. of [pitch](#) and 5 lb (2.3 kg). of [oakum](#) for four men
- Nails, five lbs. each of 6,8,10 and 12 penny, for four men
- [Tent](#), 10 x 12 feet (3.7 m) for four men
- Canvas for wrapping
- Two [oil blankets](#) to each boat
- 5 yards of [mosquito netting](#) for each man
- 3 suits of heavy underwear
- 1 heavy [mackinaw coat](#)
- 2 pairs heavy [machinaw trousers](#)
- 1 heavy rubber-lined coat
- 1 doz heavy wool socks
- 1/2 doz heavy wool mittens
- 2 heavy overshirts
- 2 pairs heavy snagproof rubber boots
- 2 pairs shoes
- 4 pairs blankets (for two men)
- 4 towels
- 2 pairs overalls
- 1 suit oil clothing
- Several changes of summer clothing
- Small assortment of medicines



Fortunately, our list is somewhat shorter ...

# Race To The Stake

## 2010 Aptakistic District Klondike Derby Preparation



A prepared Patrol would have in their possession:

- A sled with a harness or pulling position for each patrol member (except musher)
- A brake or brake rope for the musher
- Ropes, straps or bungee cords to secure sled load
- Patrol Flag
- Two ropes, 25' or longer
- Tarp to cover load and for lunch seating
- One or more compasses
- First aid kit
- Additional triangular bandages, splints, etc for demonstrating first aid
- Two staves
- Blanket (or something resembling a blanket, like a tarp)
- Garbage bag
- Tinder, Kindling and Fuel for building a fire that might have flames reaching as tall as 4 feet
- Small shovel
- Lunch meal & beverage for each patrol member
  - Should include (or more) one hot item which is not a beverage
  - Should be prepared and eaten as a patrol
- Propane or other approved backpacking stove on which to prepare meal
- Cooking pot or pan for lunch meal preparation
- One pair ice picks (even a pair of screw drivers on a string might work)

# Race To The Stake

## 2010 Aptakistic District Klondike Derby Preparation



A prepared Patrol member would be wearing or have on their person:

- Long underwear or other base layer (optional if temperature is above 40 degrees)
- Sweater or fleece
- Winter coat
- Snow pants
- Winter hat
- Neck gaiter or scarf
- Mittens or Gloves
- Insulated winter boots – no gym shoes or sandals
- Personal survival kit (compass, matches, small first aid kit)
- Water container like a nalgene with water inside it
- Pen or pencil
- Pocketknife (unless you have not earned your Tot'n Chip)
- Plate or bowl, and spoon or fork for eating lunch. Mug if you like hot chocolate.
- Dry clothing kept in their vehicle in case it gets slushy and you get wet

# Race To The Stake

## 2010 Aptakasic District Klondike Derby

### What To Expect

#### Behavior

The Boy Scout Oath and Law should guide your behavior for the day. Scout Spirit and Patrol cooperation play a part in the scores at several of the Cities.

#### Patrols

Every Patrol will consist of between four and nine Scouts. Each Patrol should have a leader. Each Patrol must have a sled capable of carrying one of several of their Patrol members.

#### Registration

Registration will take place at the pavilion. You will identify all members of your Patrol and the adult leaders attending, and settle up any additional fees. Patches will be distributed to your leaders. Each Patrol will receive a Poke (small closeable bag) for holding nuggets they may be awarded. Each Patrol must have a name, know their Troop number and consider having a yell.

Sled and Patrol Member inspection will take place after Registration just outside the pavilion. Your Patrol will be assigned a starting City and given a map after Sled Inspection.

#### Cities and Mayors?

Every activity station is known as a City. Each City has a Mayor who is the volunteer judge in charge of that City. The Mayor determines your Patrol's score for the event being hosted in his City. Arguing with the Mayor is not a good idea and will usually result in a lower score.

#### Scoring

At each City you will be challenged to complete an activity to the best of your Patrol's ability while exhibiting teamwork, leadership and Scout Spirit. Your Patrol will be awarded a certain number of gold nuggets based on your performance. Store the nuggets in your Patrol's poke.

Each Mayor will keep corruption in his or her city to minimum by recording the number of nuggets distributed on a master score sheet as well.

#### Travel

You may NOT proceed to the next City until directed to do so by the Mayor. Do not visit the Cities out of order. It is almost certain to cause confusion when adding your Patrol's score.

#### Lunch

Lunch is to be prepared and eaten at the fourth City you visit.

#### Electronics

There were no cell phones, game boys, pagers, iPods, smart phones or laptops in 1896. Hint.

#### Adult Assistance

Adults may not help any Patrol with the challenges to be completed. If your Patrol is found to have been helped by an Adult it will cost you five nuggets off your final score.

# Race To The Stake

## 2010 Aptakasic District Klondike Derby

### Other Information

#### First Aid

First Aid will be provided at the Pavilion. If you are a first responder, please make the registration staff aware of this and provide your cell phone number.

#### Warming Center

The Training Building will be available as a warming center and is located between the fire bowl and the caretaker's house just off the parking lot. Adult leader training will be taking place during the event, and for that reason we ask that Scouts be accompanied by an adult if they need to warm themselves.

#### Water

Hot water will be available throughout the day at the Pavilion. If the pump is frozen, cold drinking water will be available as well at the Pavilion.

#### Parking

Cars and trailers are not to be taken past the gate at the top of the hill.

#### Camping

Please contact Rick Ryan at 847-226-0551 for a campsite assignment if your troop would like to camp. If you setup in an event area, you will be asked to move.

#### Volunteers

The more the merrier! If your unit is coming, please bring an extra adult or two to help with the activity stations. Free Coffee! Lunch is provided! It's really not that cold!

#### Volunteer Lunch

Lunch will be provided to Adult volunteers working at an activity station. Come to the Pavilion at the lunch break. Bring your score sheets with you.

#### Weather Cancellations

If the wind chill is less than 15 degrees below zero, Fahrenheit, the event will be cancelled. We'll try to contact the unit leader at the phone number and email address provided on the registration form if the event is cancelled.

#### Any Other Questions?

Contact Rick Ryan

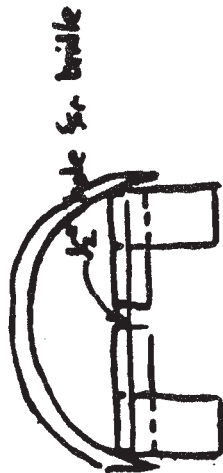
[rryan@t150.org](mailto:rryan@t150.org)

(847) 226-0551 (cell)

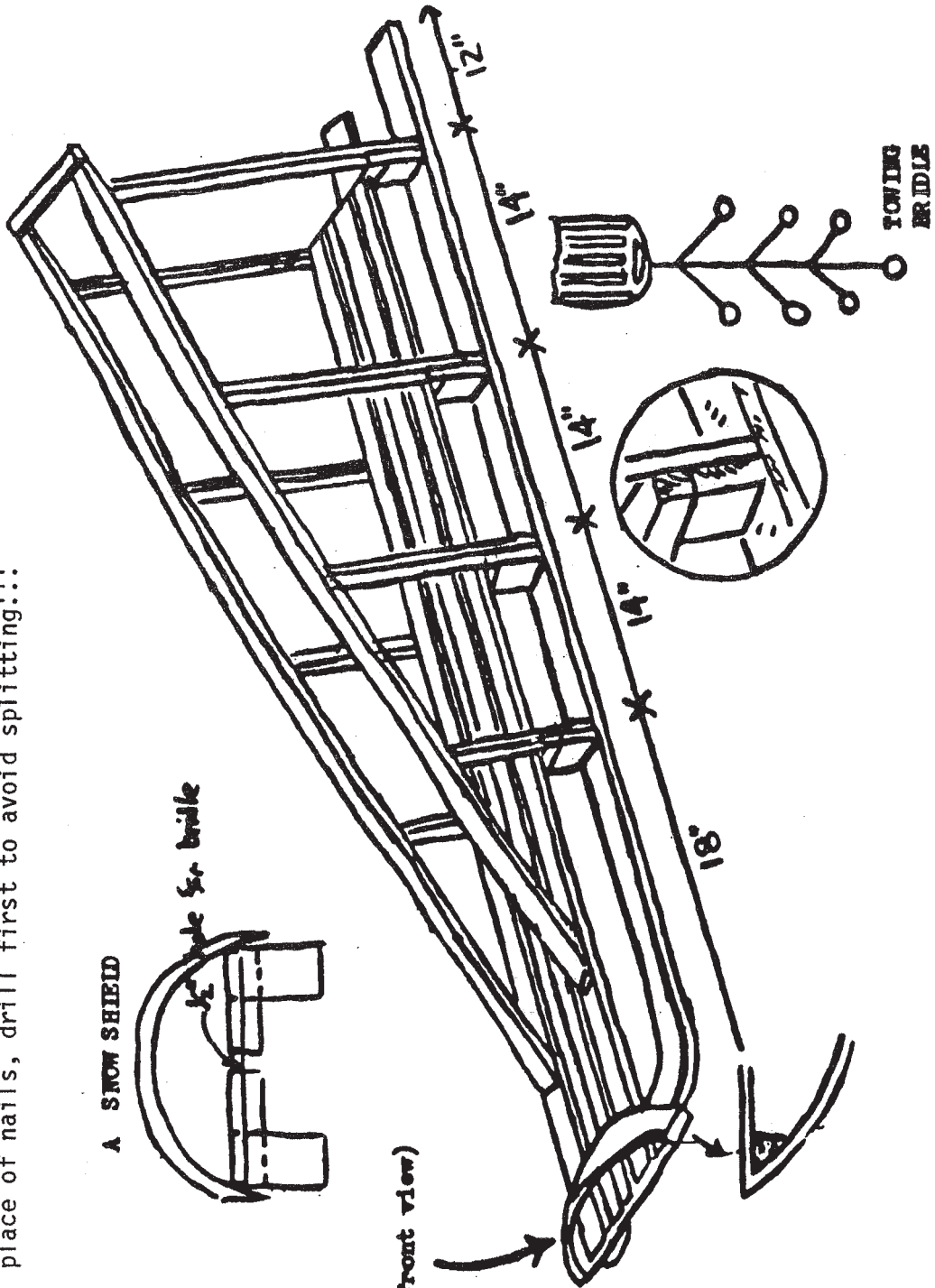
KLONDIKE SLEDGE PLAN

This year all entries in the Best Sledge Contest will be judged for approved length of 6 feet long and 18 inches wide. The drawing should be self explanatory. Your own design will be accepted. Use your imagination. However, after researches in our Public Libraries, the accompanying sketch is authentic and we ought to be the "real McCoy." Paint your sledge bright colors -- varnish the bottom of the runners -- then wax before use. The Eskimos iced their runners. Accessories may be added -- a canvas snow curtain as a snow guard front and sides will keep equipment dry. Use screws in place of nails, drill first to avoid splitting!!!

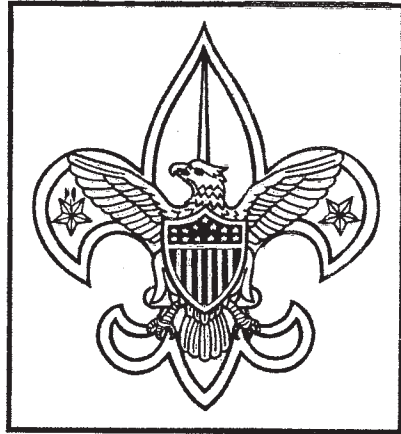
A SNOW SHIELD



(Front view)

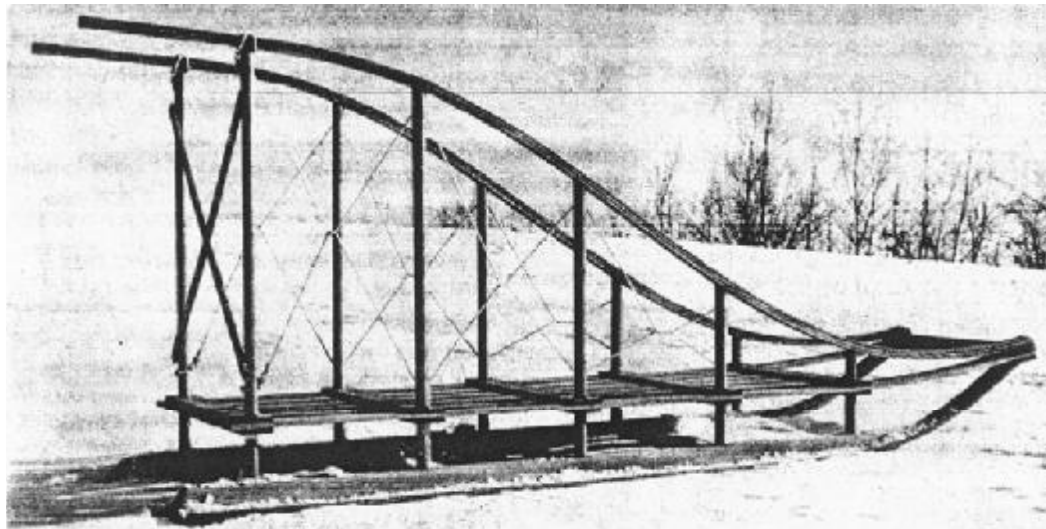


BILL OF RIGHTS	
2 pcs.	4" x 1/2" x 6'6" - Runner
6 pcs.	1" x 1" x 18" - Cross Support
4 pcs.	1/2" x 4" x 5" - Floor Cover
8 pcs.	1" x 2" x 6" - Upright Support
2 pcs.	1" x 2" x 40" - Rear Upright
2 pcs.	1" x 2" x 36" - 2nd Rear Upright
2 pcs.	1" x 2" x 26" - 2nd Front Upright
2 pcs.	1" x 2" x 12" - Front Support
2 pcs.	1/2" x 2" x 6' - Hand Rail
1 pc.	1/2" x 2" x 30" - Front Curved Guard
1 pc.	2" x 2" x 18" - Tow Bar



## A KLONDIKE DERBY SLED

By GLENN WAGNER



**G**et set for those exciting Klondike Derby days with this sleek-looking Eskimo-type sled. Measuring seven feet long, 20 inches wide and 34½ inches high, it is large enough to carry a good-size load, yet small enough to be transported in a station wagon or car trunk. Making and racing one will be a fine troop project. And when the races are over, the sled can be used to transport overnight camping gear, for rescue work, or lugging skis and equipment to the slopes either by pulling it by hand, or towing it behind a snowmobile.

The sled is designed so it can be built without the necessity of steaming the wood. The unique design and construction of the double cross rails keep weight at a minimum, yet give strength and rigidity to the framework. Since the construction is based on a series of holes that must be aligned, the use of a drill press equipped with a 1" diameter spur bit is recommended, to assure correct alignment and squareness of the bore. Drilling

small pilot holes to locate hole centers is a technique that can be used for hand boring or machine boring of the larger holes. Follow the suggestions for construction and assembly procedure and you will have a sled that will be the hit of your Klondike Derby.

### Assembly Procedure:

1. Glue the 10 posts in the runner blocks; use waterproof glue.
2. After the glue is dry, make and use a wood-block drilling jig to locate and drill the top and bottom pinholes in the posts. The top hole in the drilling jig should be located after clamping two cross rails and one side rail together to check the thickness of the stock. A 7/64" drill will bore a drive-fit hole for the pins.
3. Cut off the heads of the finishing nails and drive one nail in each bottom posthole. Center the exposed ends. Now slip five cross rails over the posts into position on top of the pins. (Note: Since wood dowels may vary slightly in diameter, check to see

that each cross and side rail will slip over the dowels without binding to prevent splitting of wood during installation. Sand or file holes—or sand dowels as required for a snug fit.) Next, slide the side rails into position on the posts, then add the five remaining cross rails to the assembly and drive the other 10 nails in the posts to hold the parts together tightly. A little waterproof glue applied at each joint during assembly will strengthen the framework. Check frame for squareness before glue sets.

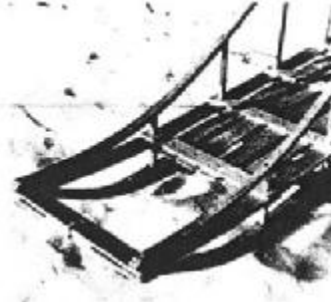
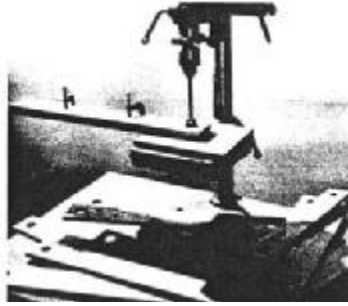
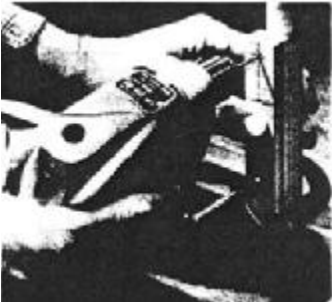
4. Insert the four floorboards between the cross rails; clamp to hold. Then drill and countersink holes for the 3/16" x 1½" flathead stove bolts; install bolts.
5. Make and install the front cross rail assembly.
6. Now, center the runners on the bottom of the runner blocks. The rear edges should be aligned flush. Drill and countersink holes for 1" No. 8 flathead brass wood screws spaced on 8" centers, starting 2" from the rear ends. Use two 3/16" x 1½"

flathead stove bolts to fasten the runners to the runner blocks 4" from the forward end of the blocks.

7. Raise the front rail unit sufficiently so the front ends of the runners when bent can be snapped into position behind the lower front rail; clamp if necessary. Make two wedge-shaped filler blocks to fit between each side rail and runner, then drill and countersink holes for one stove bolt on each side. Install bolts.

8. The railings are made in a unique way. The pieces are fitted and assembled without glue first, then each railing is disassembled and finally reassembled with waterproof glue. First, assemble three pieces, clamp together near one end, then locate and drill the ¼" hole for the 3" bolt. Insert bolt and tighten the nut loosely. Next, insert the bolt in the front rail and use another nut to hold the assembly in position temporarily. Then, carefully bend and raise the three pieces over the tops of the posts; clamp or use heavy twine to hold pieces together during this operation. Determine the angles at which the tops of the posts should be cut, then use a fine-tooth saw to cut post tops. After railings are arranged into a smooth curve, locate and drill holes for the 2" No. 10 flathead wood screws and install screws temporarily. Drill body holes in railings and lead holes in the posts to prevent splitting. Note the angle and position of the screws as indicated on the side view of the assembly drawing. When everything is satisfactory, disassemble the units and reassemble with waterproof glue. Use clamps or twine wrapped around the pieces to hold strips until glue is dry. Clean up edges afterward and cut ends of handles square. Round off all edges slightly.

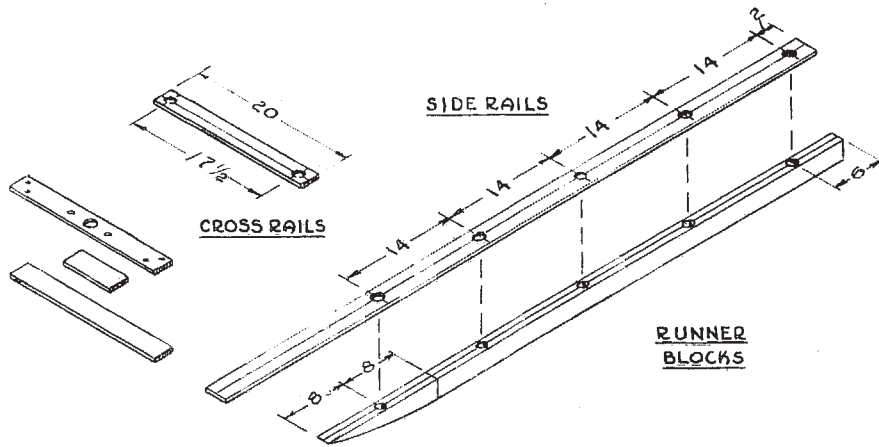
9. Make and install the braces on rear posts.
10. Saw off any extra lengths of bolts protruding beyond nuts and clean up flush with a file.
11. Sand completely and give finished sled several coats of waterproof varnish or use a vinyl finish. If sled is to be painted, apply a coat of a good grade outdoor paint primer first.
12. Locate and drill 3/16" holes in posts for the rope lacing. Lace rope in one piece as indicated on the drawing. Wrap the handle with an X-type loop to add strength to the joint.



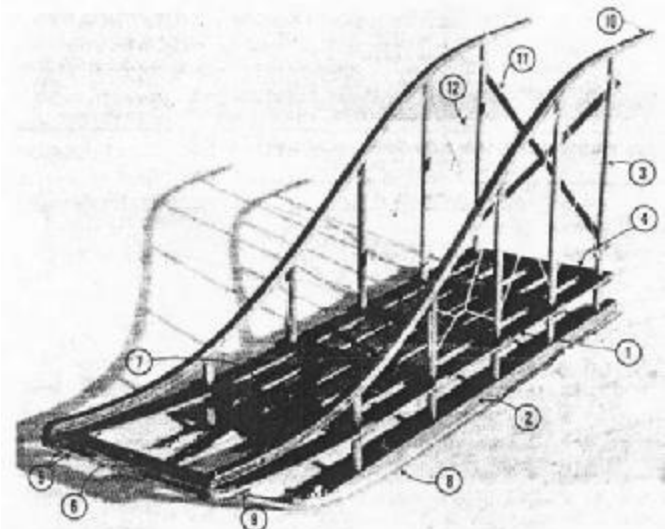
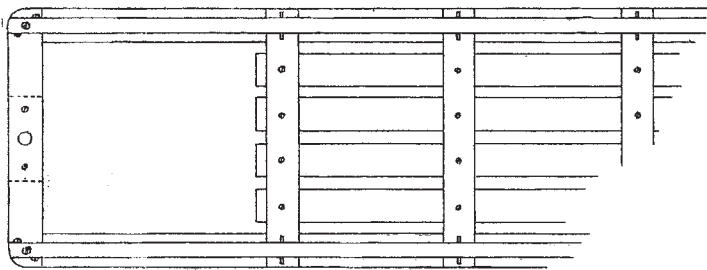
Make simple wood jig. Clamp in place to drill  $7/64$ " holes in posts, for nail-pin drive fit.

Clamp cross rails and side rails in pairs to bore 1" postholes. See text. Mark slashes on sides of pairs so you can align them.

Closeup of construction details of front end of sled. Note bolts, filler blocks, top post pins, rope lacing and railing screws.

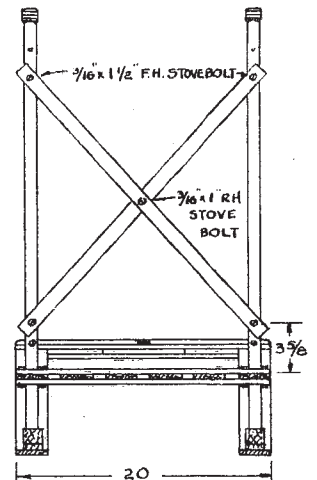
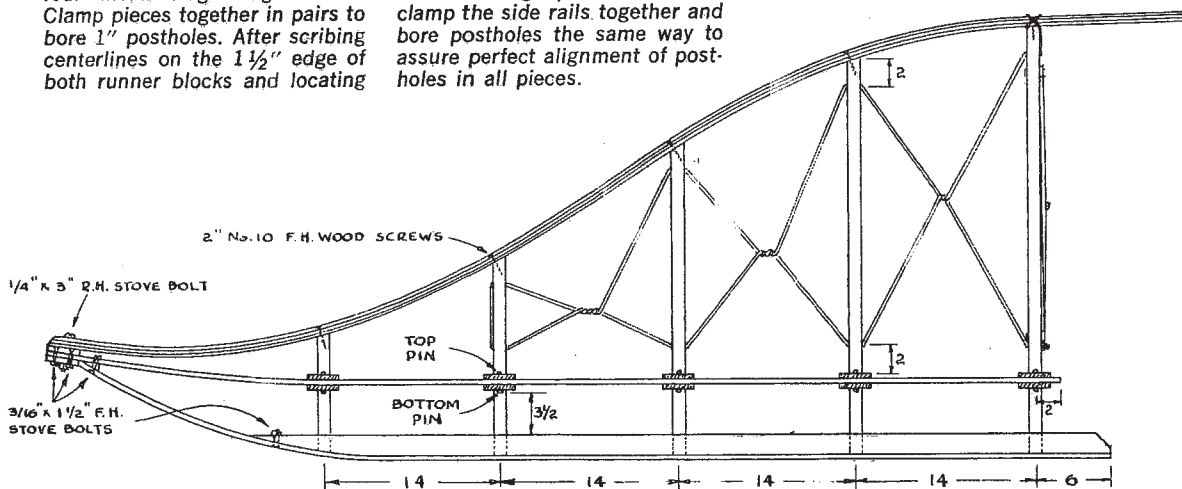


**FRONT  
RAIL  
UNIT**



Cut all stock to finished dimensions. Scribe centerlines on ONE side rail and ONE cross rail. Following sketches, lay out posthole centers. Drill  $1/8$ " pilot holes in both pieces at these points. With this cross rail as a pattern, drill four more. Align edges flush. Clamp pieces together in pairs to bore 1" postholes. After scribing centerlines on the  $1\frac{1}{2}$ " edge of both runner blocks and locating

the last hole in each block as a reference point, clamp the side rail you used as a pattern in position on top of the  $1\frac{1}{2}$ " edge and drill pilot holes in each runner block. Use the pilot holes in each runner block to center the bit while boring postholes. Now clamp the side rails together and bore postholes the same way to assure perfect alignment of postholes in all pieces.



# Klondike Sled "Sledge"

DESIGNED & CONSTRUCTED

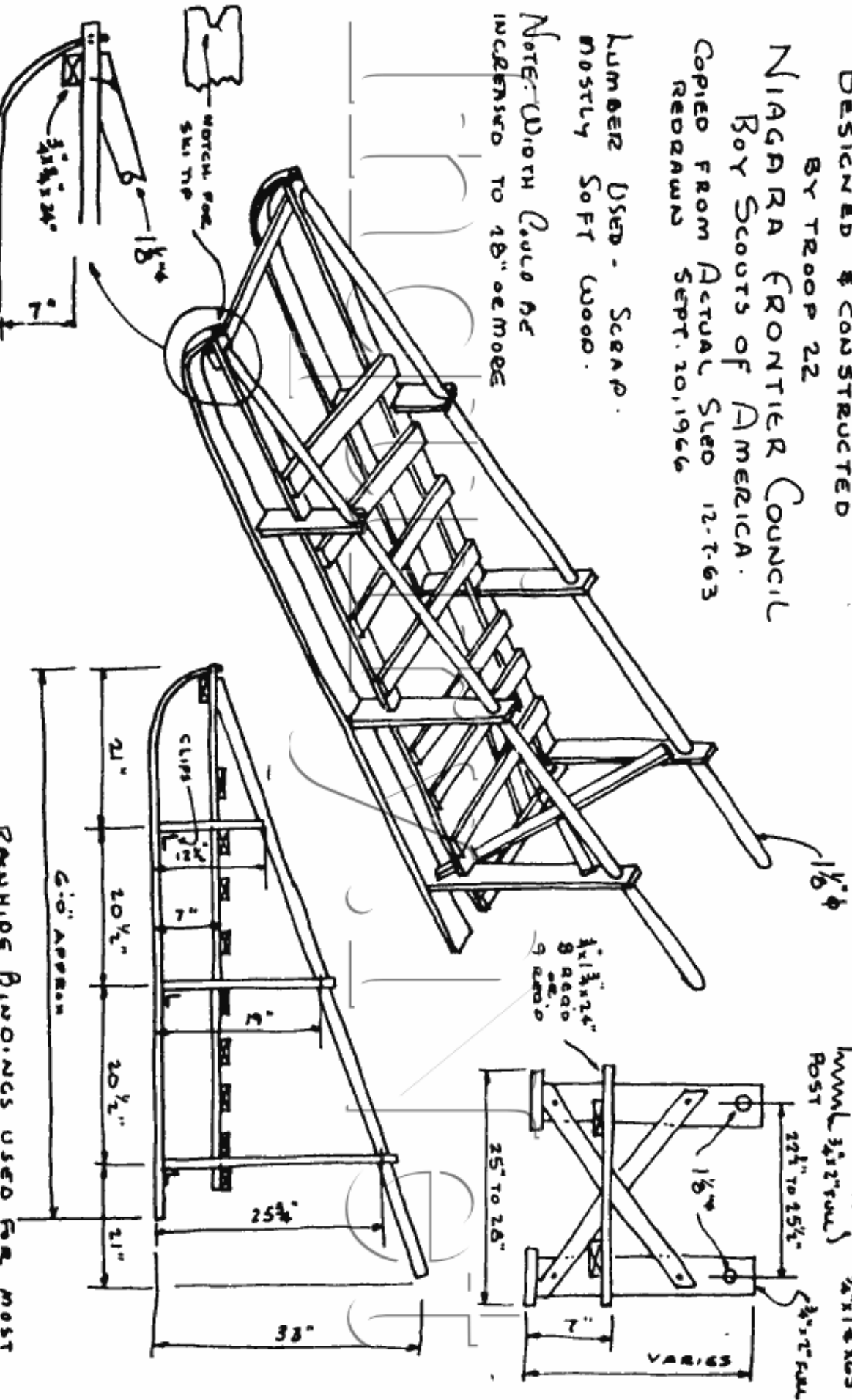
BY TROOP 22

NIAGARA FRONTIER COUNCIL  
Boy Scouts of America.

COPIED FROM ACTUAL SLED 12-T-63  
REDESIGNED SEPT. 20, 1966

LUMBER USED - SCRAP.  
MOSTLY SOFT WOOD.

NOTE: WIDTH COULD BE  
INCREASED TO 18" OR MORE



RAUHLIDE RINGS USED FOR MOST  
FASTENINGS - SCREWS USED SPARINGLY  
AT MAJOR POINTS OF STRESS

THIS DRAWING REISSUED FOR KLONDIKE DERBY IN CONJUNCTION WITH WINTER FESTIVAL 1967