

Kiosk Design



Acton Land Stewardship Committee
Acton, Massachusetts

New Kiosk Design

The design goals are:

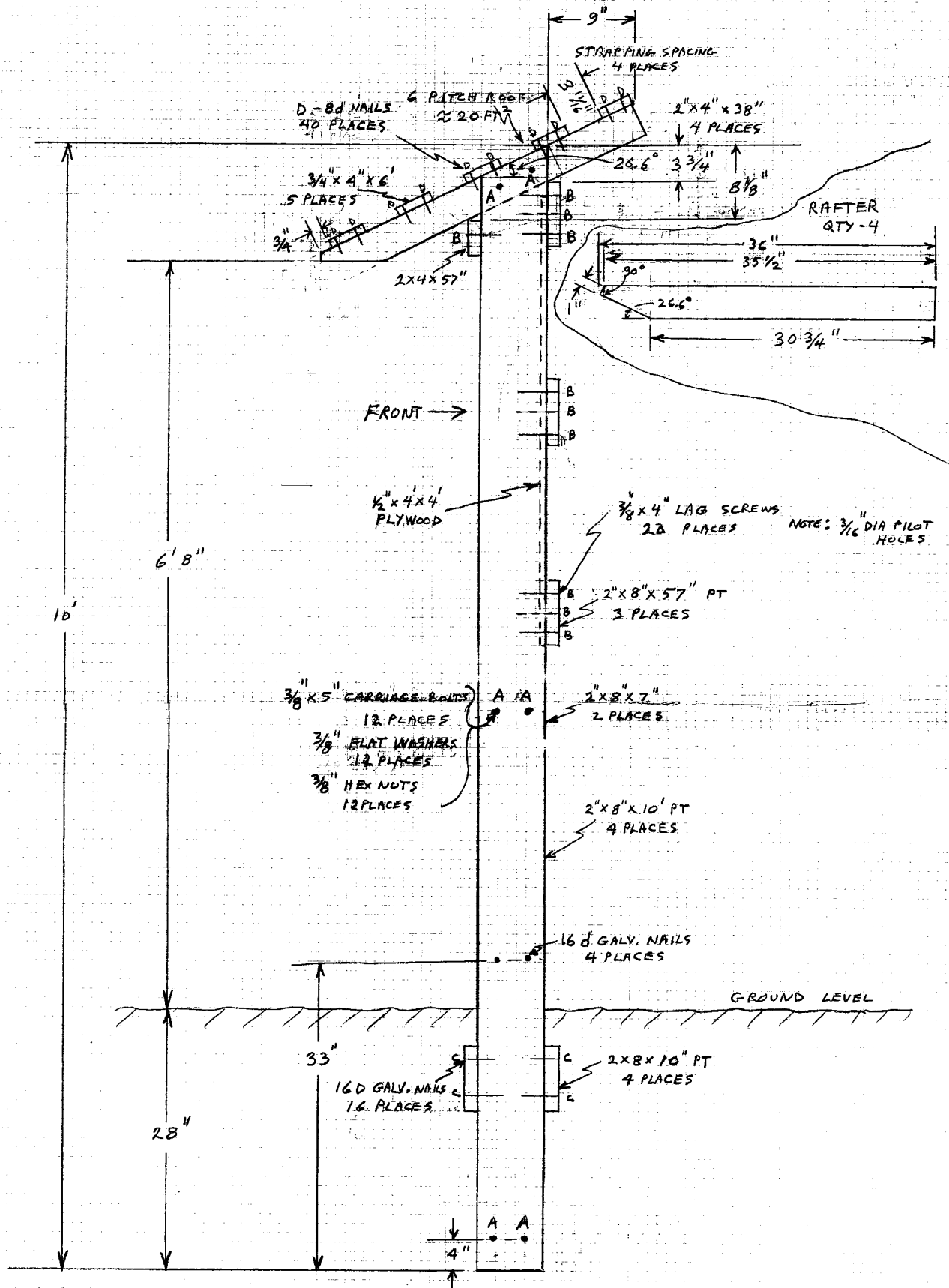
1. Lower cost.
2. Standard dimensional lumber.
3. Lower weight roof.
4. Recessed notice board.

Assembly Notes

It will be convenient to make templates from cardboard from the designs provided to quickly locate hardware hole locations.

Before bolting the top crosstie to the vertical supports, clamp a roof rafter and 1/16" shims between both pairs of 10' uprights. This is to provide a little clearance for the outer roof rafters to slip between the upright supports when the roof is placed on the erected kiosk.

With two of the rafters so clamped nail the bottom and top roof sheathing to the rafters to set the spacing. The roof frame can then be removed and the remaining rafters and roof sheathing added. Once this is done the roof can be shingled with its drip edges.



12"

SCALE

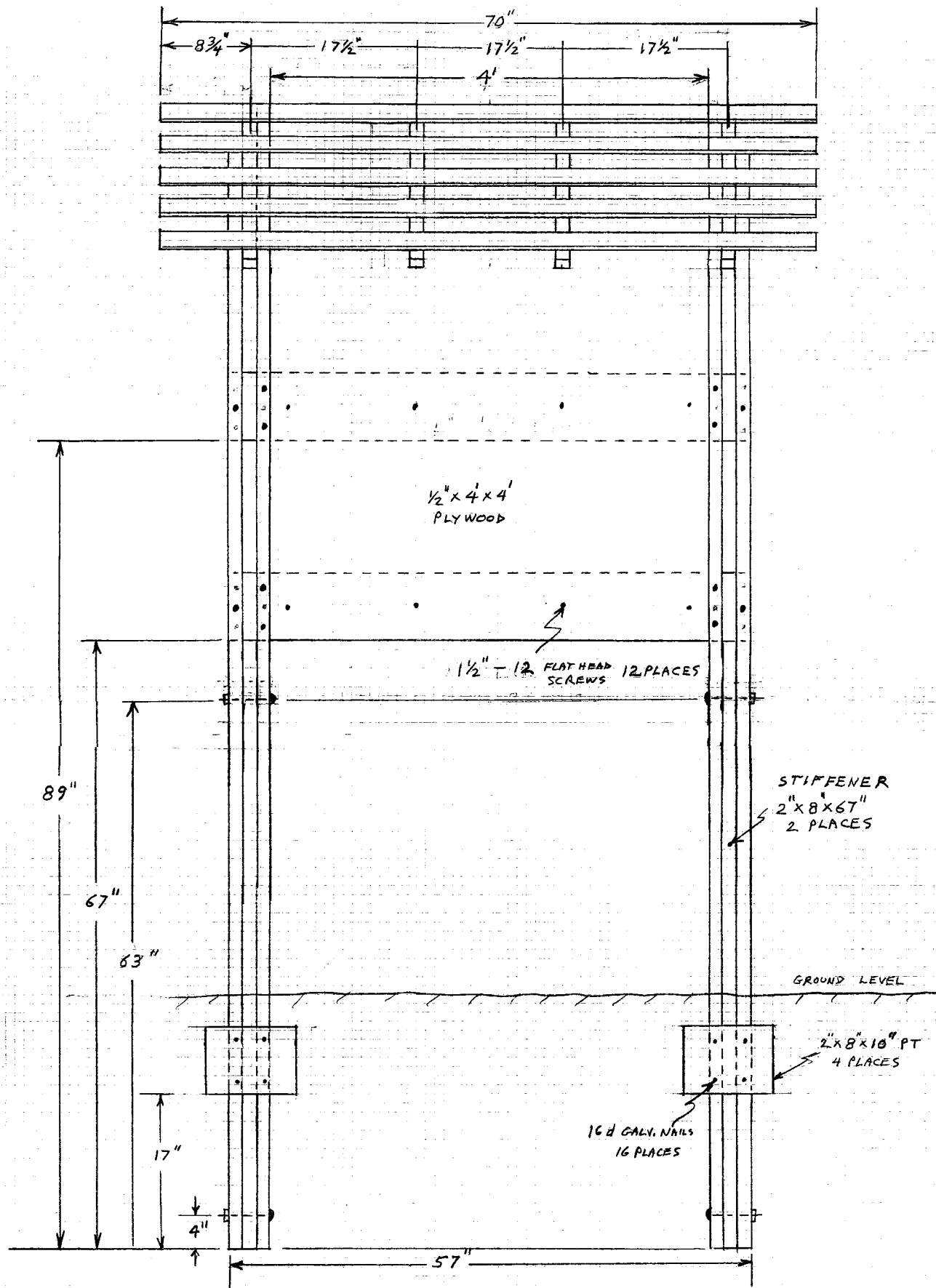
ACTION LANDSTEWARDSHIP COMMITTEE

KIOSK DESIGN

SIDE VIEW

Q7&L

10-22-02
REV 8-7-13



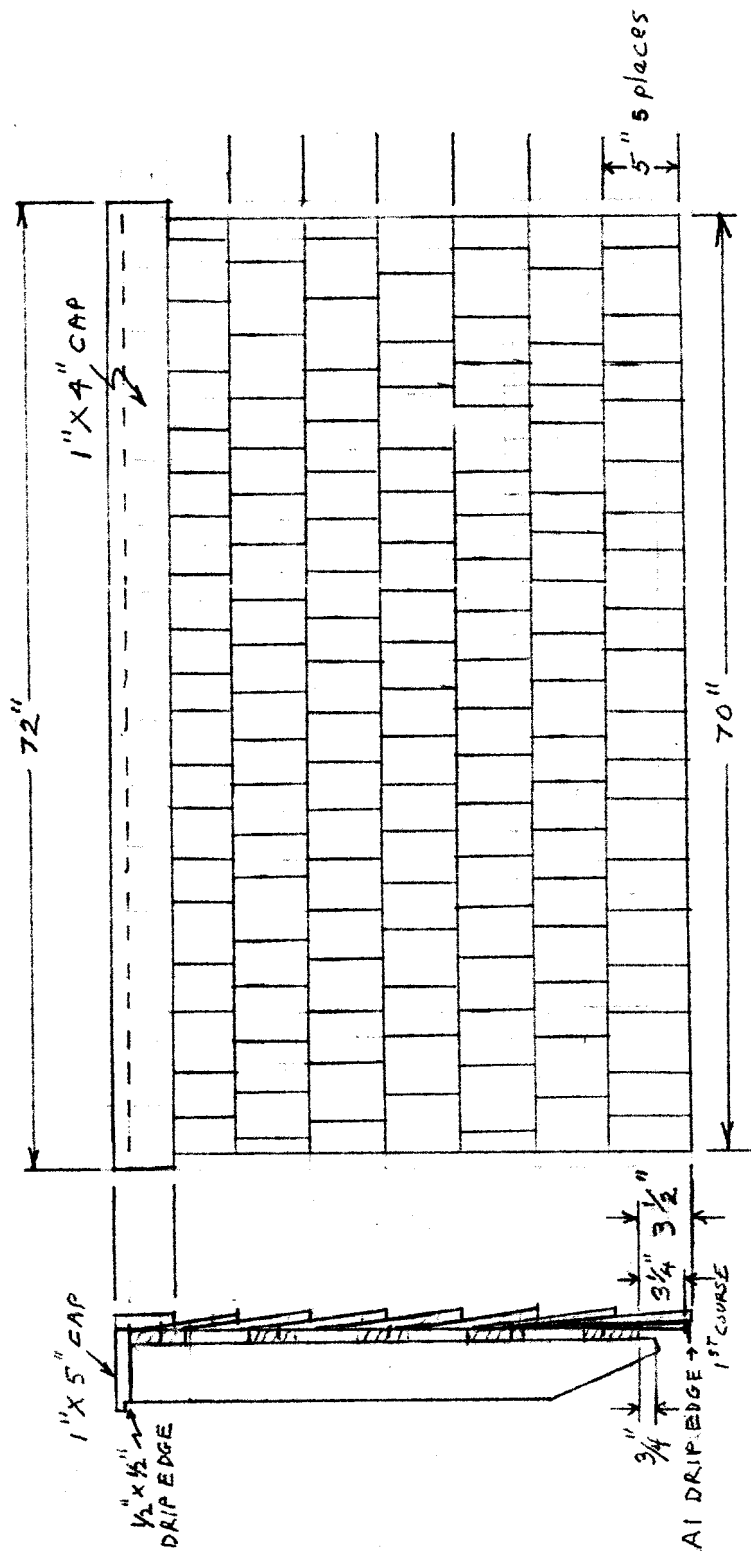
12"
SCALE

ACTON LAND STEWARDSHIP COMMITTEE

KIOSK DESIGN

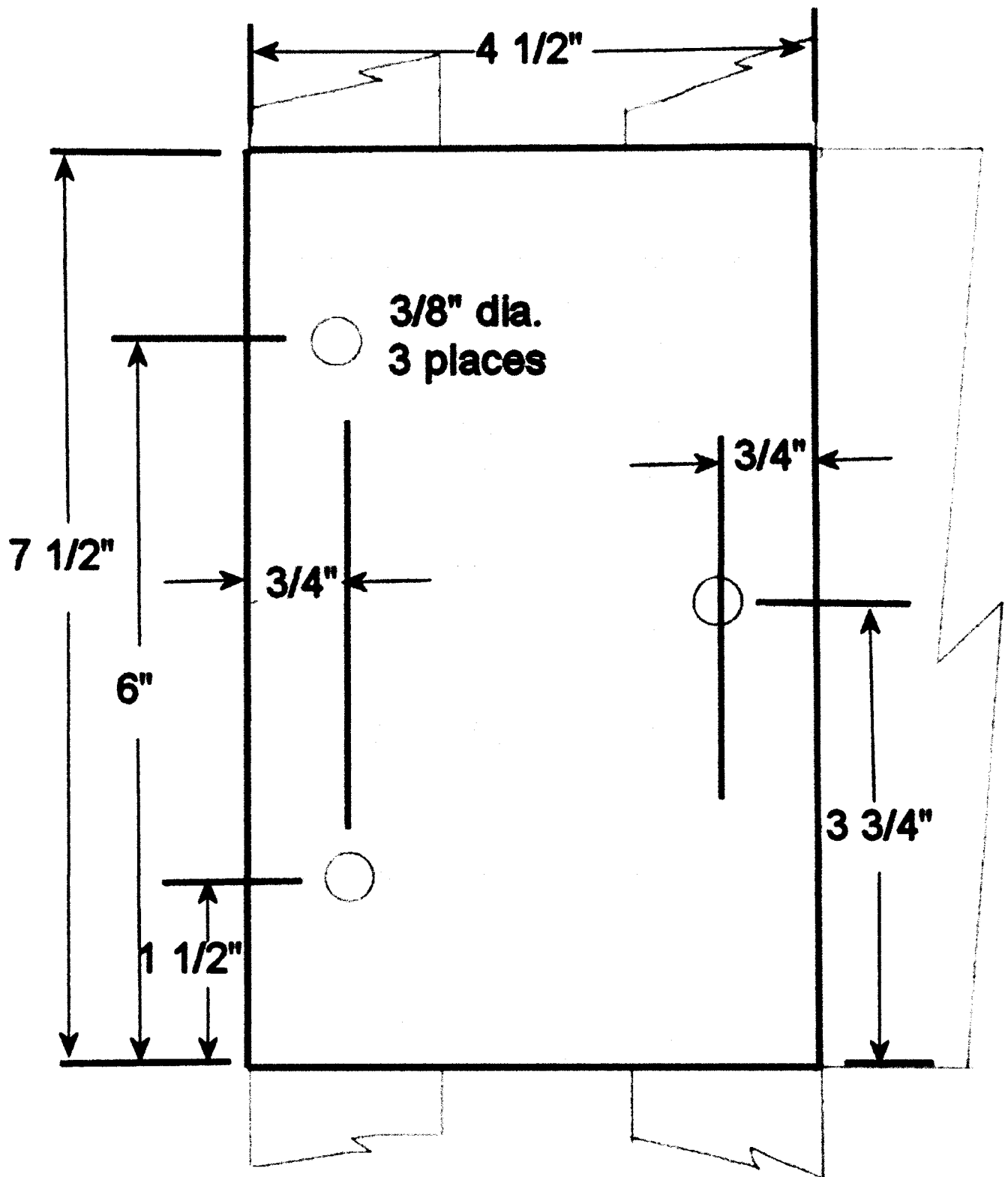
FRONT VIEW Q78

10-23-0.
REV B-7-

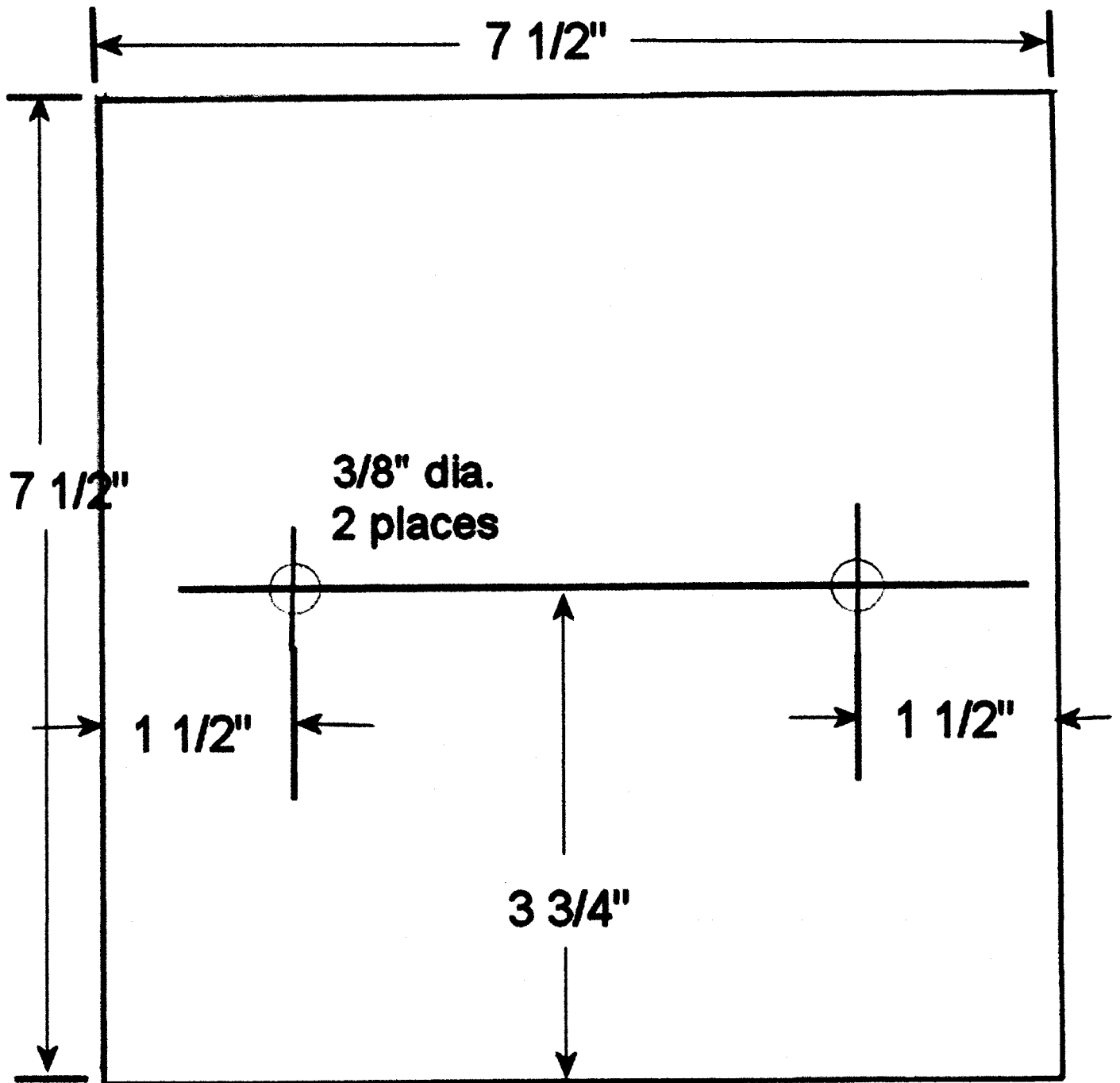


Roof Shingling
Not to scale

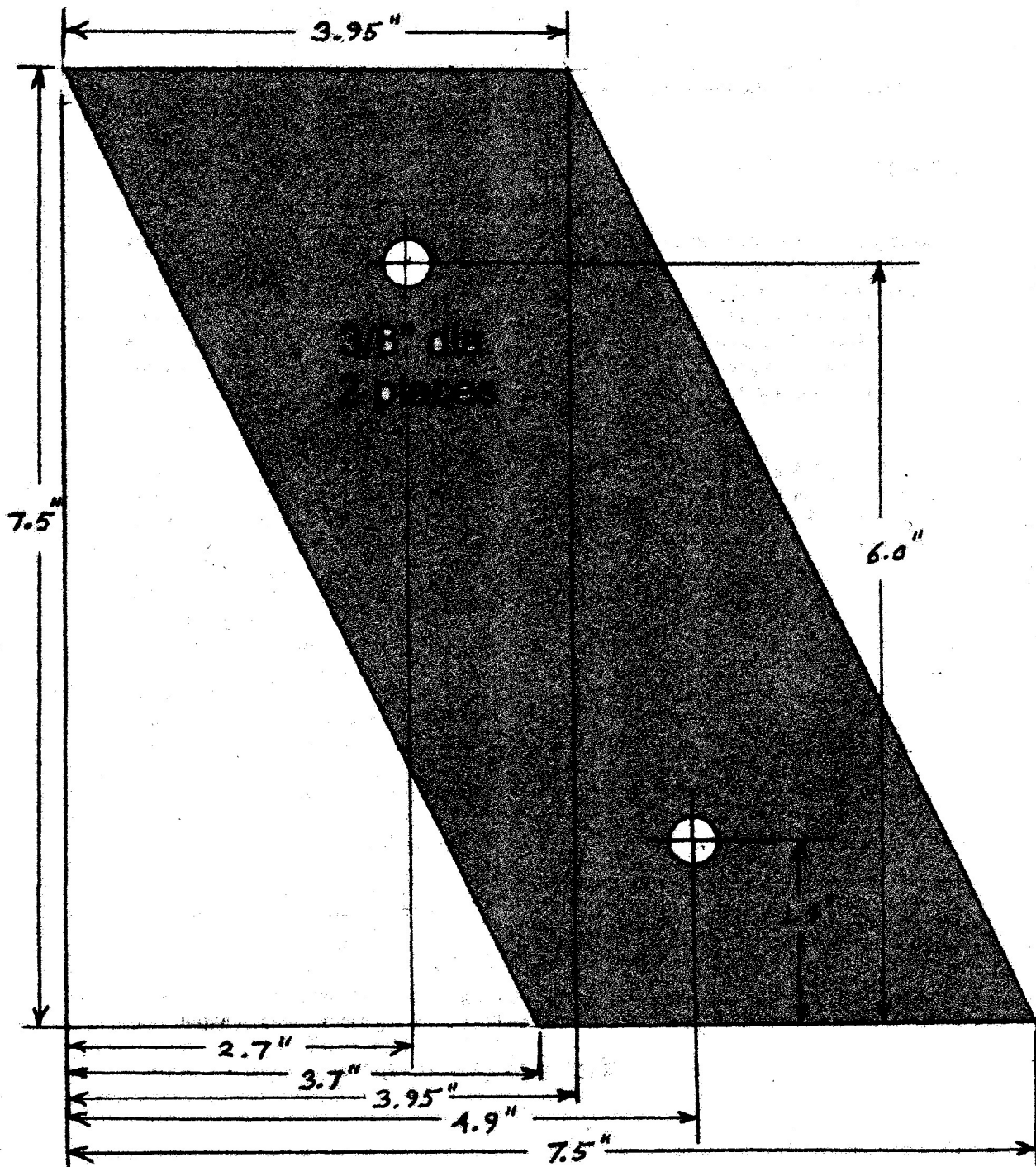
Crosstie Lag Screw Hole Template



Stiffener Bolt Template



Rafter Bolt Template



Kiosk Materials List

Quantity	Material	Description	Unit Cost	Cost
4	2"x8"x10' PT pine	4 - 10' vertical supports		
2	2"x8"x8' PT pine	2-67" stiffeners 4 - 10" deadmen		
1	2"x8"x8' spruce	1 - 57" crosstie		
1	2"x8"x10' spruce	2 - 57" crossties		
2	2"x4"x10' PT pine	1 - 57" crosstie, 4 - 36" rafters		
1	5/4"x6"x12' PT pine	1-4"x6', 1-5"x6' ridge caps		
1	1"x8"x16' rough spruce	5 - 1"x4"x6' sheathing		
1	3/8"x4'x8' plywood	1 - 1/2 sheet external grade CDX		
1	8"x10' Al brown drip edge	6' drip edge		
1	box	#1 grade Western Red Cedar shingles		
		Hardware		
12	3/8"x5"	galvanized carriage bolts		
20	3/8"x4"	galvanized lag screw		
32	3/8"	galvanized flat washers		
12	3/8"	galvanized hex nut		
15	1 1/2"-12	stainless steel flathead screws		
46	8d (2 1/2")	galvanized nails		
20	16d (3 1/2")	galvanized nails		
1 lb. box	4d (1 1/2")	stainless steel ring shank siding nails		
		Total		