INFORMATIONAL KIOSK PLANS

Designed by Stephen H. Street 2013 Bradford Rose SCV Camp #1638

This project can be completed by anyone with basic carpentry skills. The kiosk can be built off site as a unit and brought to the site OR it can be "stick built" on site. Since there are many ways to build the kiosk, I have only included a suggested series of construction steps in this booklet. The following material list includes the minimum materials required and you may need additional supplies depending on how you construct your unit.

ESTIMATED MATERIALS LIST

Quantity	Material
2	6" X 6" X 10' pressure treated posts
10	1" X 4" X 12' pressure treated
3	2" X 4" X 8' pressure treated
8	2" X 4"X 10' pressure treated
5	2" X 4" X 12' pressure treated
3	4' X 8' sheets ¼" exterior plywood grade AC or AD
2	4'X 8' sheets of 3/8" exterior plywood grade AC or AD
7	1" X 1" X 12' white PVC outside corner
7	24" X 8' metal roofing
3	8' metal ridge caps
6	50# bags of gravel (any size ¾" or less) DO NOT USE PEA GRAVEL!
5#	2" metal roofing screws with rubber washers
5#	1" decking screws
5#	2" deck screws
5#	3" deck screws
2	4' X 8' sheets of ¼" Lexan
3 – 5 yds	Fiberglass reinforced concrete at least 2,000 psi rated
1	tube white caulk - paintable
1	gallon latex paint – your choice of color
Estimated cost $2,500 - $3,000	

Suggested Construction Steps

Step 1: Level area and dig out pad;

Step 2: Dig holes and set 6" X 6" posts; install ridge 2" X 4";

Step 3: Install 2" x 4" framing for display boards; plywood backing for each display board; level posts and tamp gravel around posts;

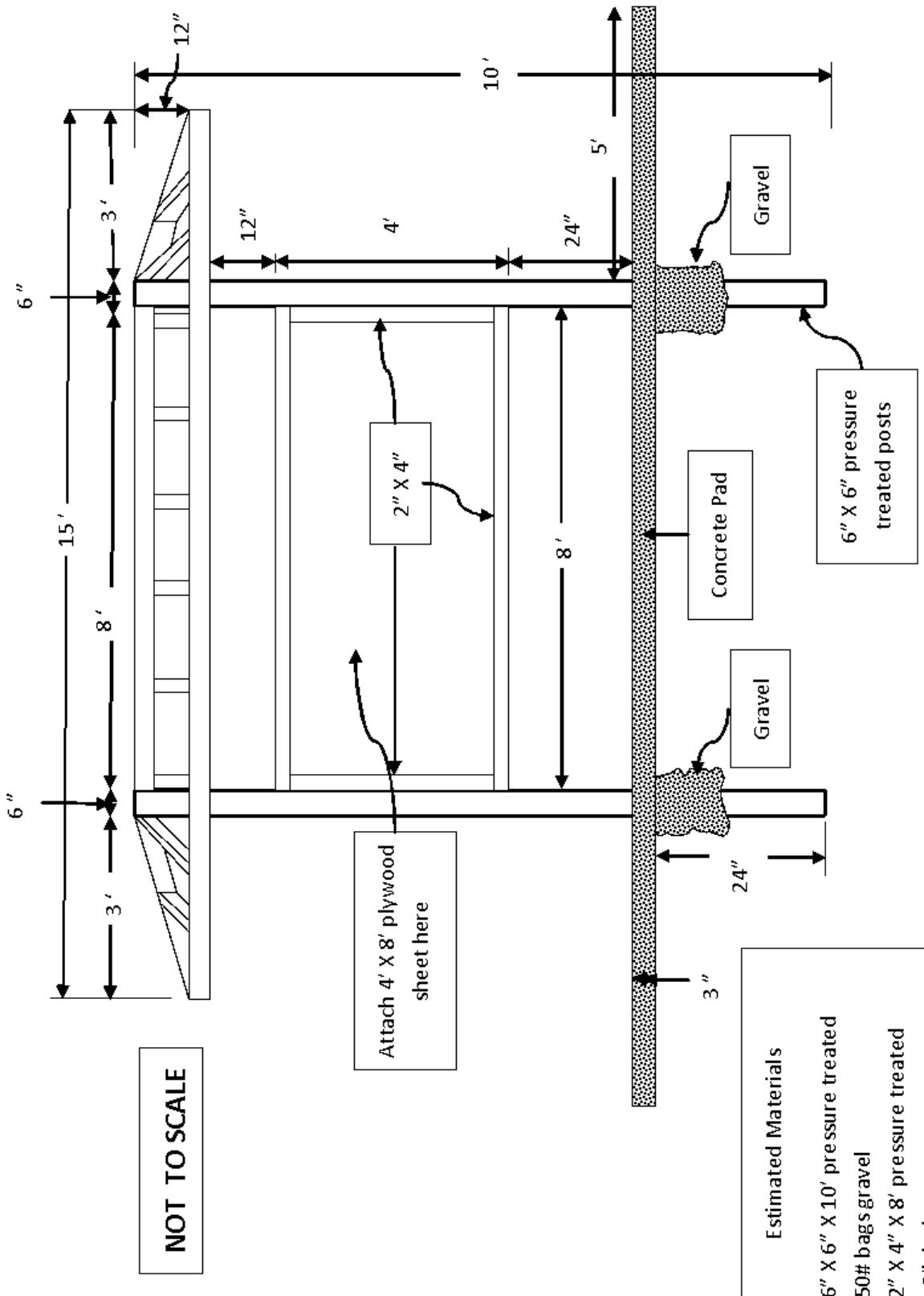
Step 4: Install roof framing and metal roofing;

Step 5: Install ceiling framing ; plywood ceiling and trim;

Step 6: Caulk cracks, etc. and paint entire structure;

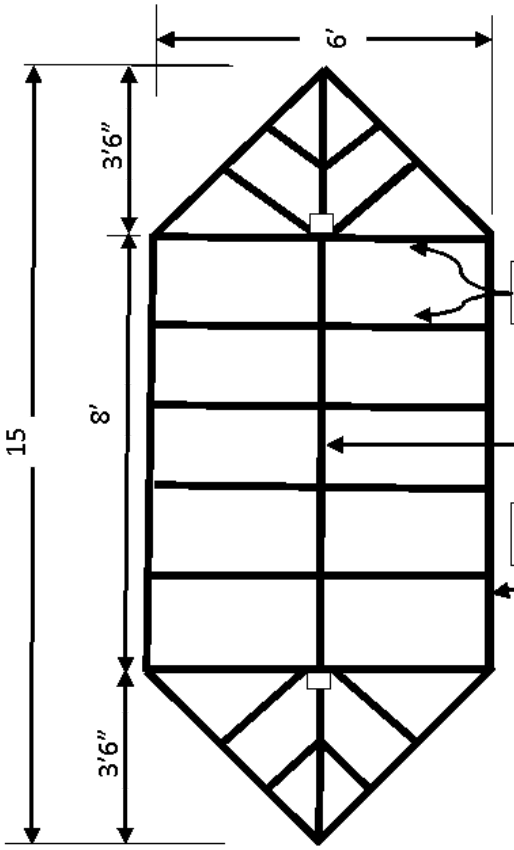
Step 7: Install display boards, Lexan covers and trim on each side.

KIOSK SIDE VIEW PLAN drawn by Stephen Street 2013



Roof Framing Plan drawn by Stephen Street 2013

NOT TO SCALE



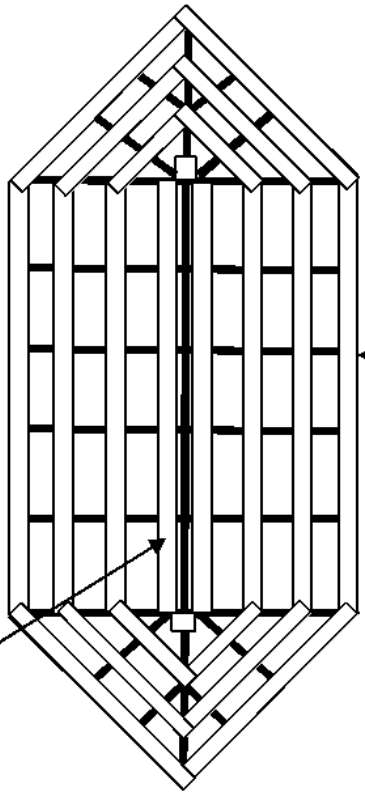
Estimated Materials

5 – 2" X 4" X 12' pressure treated
3 – 1" X 4" X 12' pressure treated
2# - 3" deck screws
7 – 24" X 8' metal roofing
3 – 8' metal ridge caps
5# - 2" metal roofing screws with rubber washers

Metal Roof Nailer Plan drawn by Stephen Street 2013

Estimated Materials

7 – 1' X 4" X 12' pressure treated
2# - 2" deck screws
See roofing plan for additional information and materials.

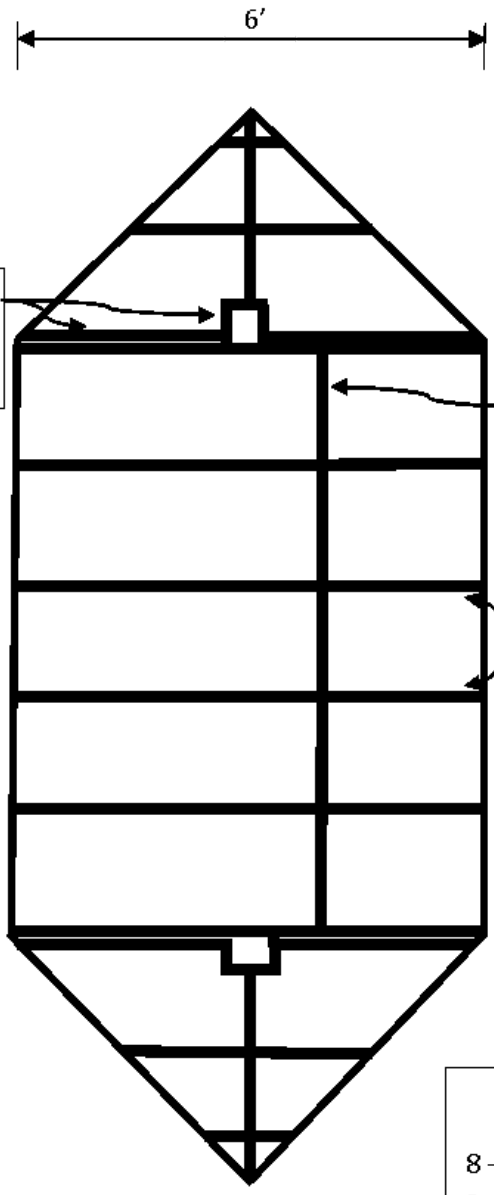


Ensure nailers are flush with the outside of the 1" X 4" trim

NOT TO SCALE

Attach 1" X 4" on top of roof rafters.
Install row nearest ridge line first, leaving at least a 1"gap for ventilation between the last row and the ridge 2' X 4".
Next attach the 1st row flush with the outside of the 1" X 4" trim.
Lastly install the other 2 rows evenly spaced in the remaining gap.

CEILING FRAMING PLAN drawn by Stephen Street 2013



Double 2″X4″ at each end. Nail 2″ X 4″ around each post to nail ceiling into.

Center nailer blocks at 4′ to use in nailing seams between sheets of plywood ceiling

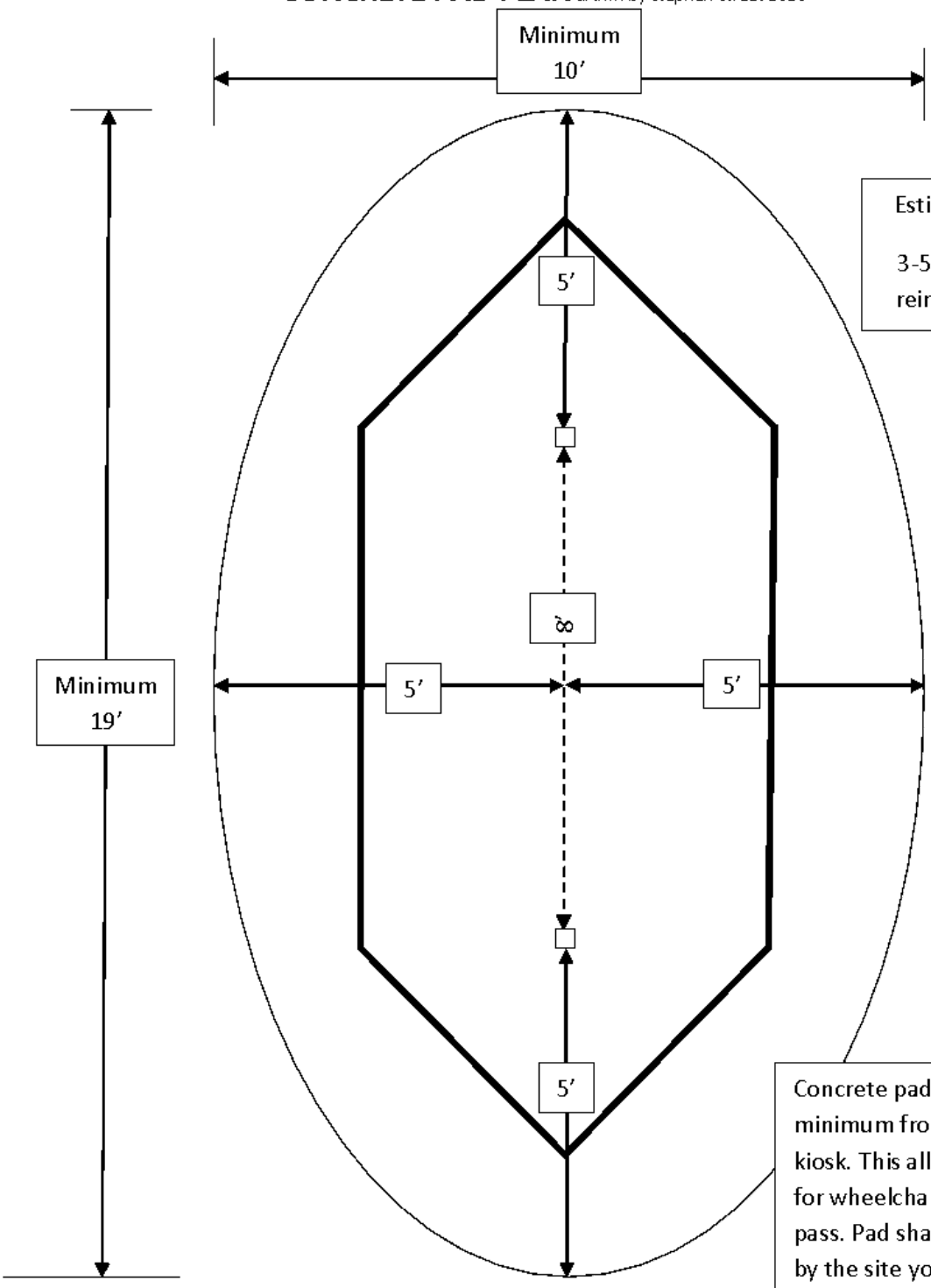
2″ X 4″ ceiling joists nailed to roof rafters

NOT TO SCALE

Estimated Materials

8 – 2″ X 4″ X 10′ pressure treated
3 – 4′X8′ sheets ¼″ exterior plywood
2# - 3″ deck screws
2# - 2″ deck screws
3 – 1″ X 1″ X 12′ white PVC outside trim

CONCRETE PAD PLAN drawn by Stephen Street 2013



Estimated Materials

3-5 yards fiberglass reinforced concrete

Concrete pad should be 5′ minimum from centerline of kiosk. This allows enough room for wheelchairs and people to pass. Pad shape will be dictated by the site you build upon.

NOT TO SCALE

Americans With Disabilities Act (ADA)

The Americans With Disabilities Act (ADA) may impact your kiosk design. Check with your local government and disability group(s) before you finalize a design. The following free resources are available to aid you:

1. www.access-board.gov "ADA Accessibility Guidelines for Buildings and Facilities";
2. www.fhwa.dot.gov "Designing Sidewalks and Trails for Access Part II: Best Practices Design Book";
3. www.gobrick.com " Tech Note 14: Paving Systems Using Clay Pavers";
4. www.icpi.org "Technical Specifications; Construction of Permeable Interlocking Concrete Paving Systems";
5. www.nps.gov "Preservation Brief 32: Making Historic Properties Accessible".

Use the following checklist to establish your design requirements.

<table>
<tr><th>ACCESSIBLE ROUTE APPROACH</th><th>YES</th><th>NO</th><th>N/A</th></tr>
<tr><td>Is there a route of travel that does not require the use of stairs?</td><td></td><td></td><td></td></tr>
<tr><td>Do sidewalks already exist? (If yes complete the following)
Construction material? [ ] Concrete [ ] Brick [ ] Gravel [ ] Pavers [ ] Brick
[ ] Other Specify:_____
Width_____ (at least 36" required)
Average slope in the direction of travel _____ (maximum 5%)
Average slope across width _____ (maximum 2%)</td><td></td><td></td><td></td></tr>
<tr><td>Will objects protruding into the sidewalk be detected by a person with a visual disability using a cane?</td><td></td><td></td><td></td></tr>
<tr><td>Do curbs on the sidewalk have ADA compliant curb cuts or ramps?</td><td></td><td></td><td></td></tr>
<tr><td>PARKING</td><td></td><td></td><td></td></tr>
<tr><td>What is the total number of available parking spaces? _____</td><td></td><td></td><td></td></tr>
<tr><td>How many spaces are marked for handicapped accessibility? _____</td><td></td><td></td><td></td></tr>
<tr><td>How many spaces are marked for a lift-equipped vans? _____</td><td></td><td></td><td></td></tr>
<tr><td>Are there sufficient accessible spaces available based on the following table?
<table><tr><th>Total Parking Spaces</th><th>Required Accessible Spaces</th></tr><tr><td>2 to 25</td><td>1 lift-equipped van</td></tr><tr><td>26 to 50</td><td>1 standard accessible space + 1 van space</td></tr></table></td><td></td><td></td><td></td></tr>
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51 to 75	2 standard accessible space + 1 van space			
76 to 100	3 standard accessible space + 1 van space			
101 to 150	4 standard accessible space + 1 van space			
151 to 200	5 standard accessible space + 1 van space			
200 to 300	6 standard accessible space + 1 van space			
Are 8-foot wide spaces, with a minimum of 8-foot wide aisles and 98-inch vertical clearance, available for lift-equipped vans?				
Are the accessible spaces located within 200-feet of the kiosk location?				
Are the accessible spaces marked with the International Symbol of Accessibility?				
Are the lift-equipped van spaces marked with “Van Accessible” signs?				
SITE INFORMATION				
Is a flat area at least 20-feet long by 12-feet wide available?				
Are retaining walls required to make a flat pad? If Yes add extra space for footers and wall thickness.				
Pad size around kiosk (36” minimum, 5-feet suggested).				
OTHER				

Disclaimer: This is only a checklist and it may not contain all elements of the ADA: every location will have its own design issues.