



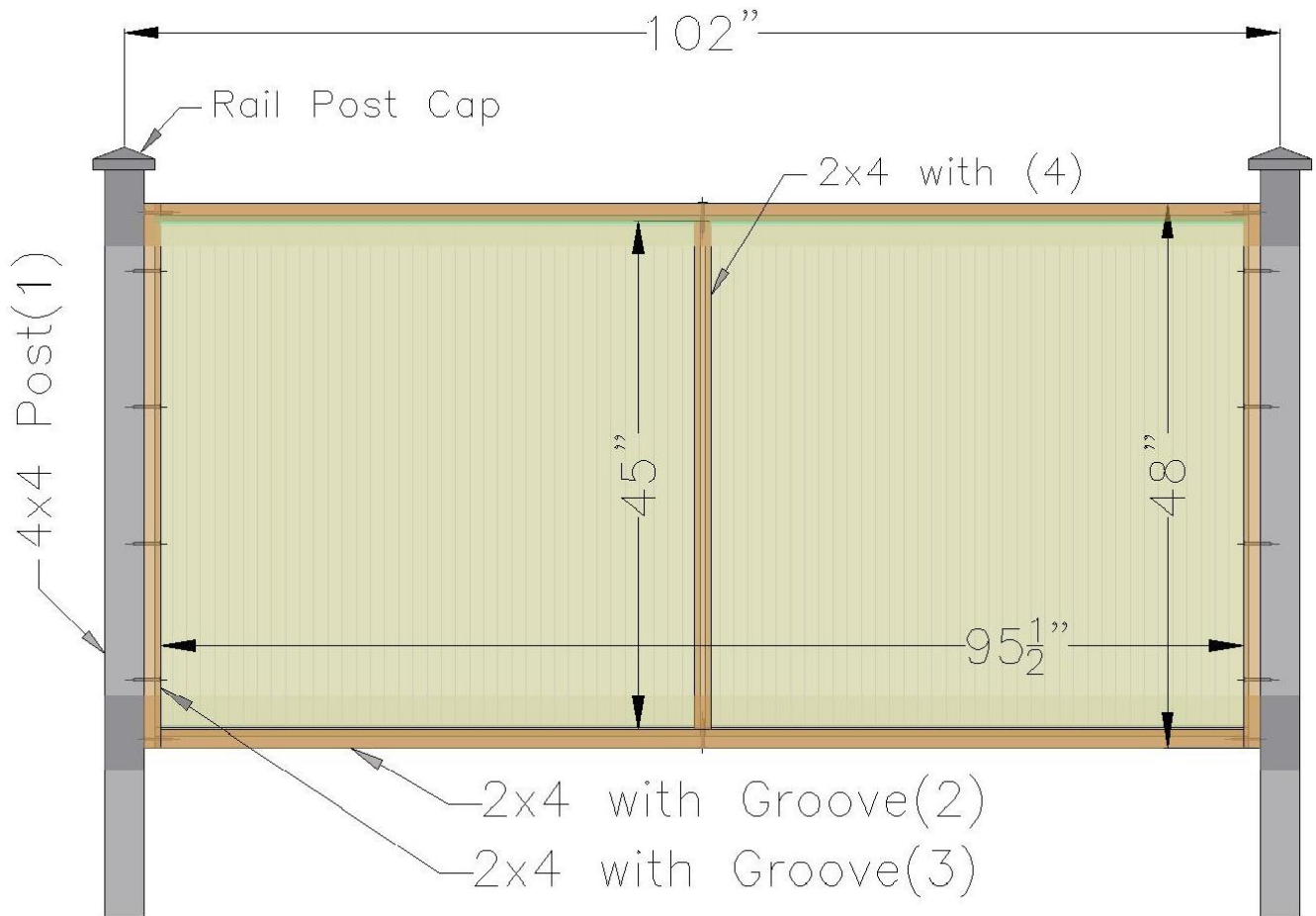
Railing

**Using Polycarbonate
Twin Wall Sheets**

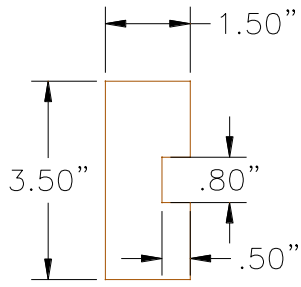
Greenwall Solutions Inc.

Bill of Material (based on 8' sections)

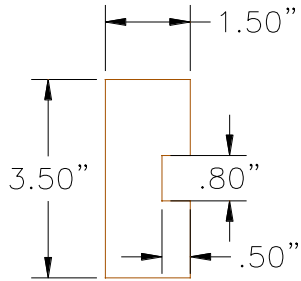
Description	QTY for 8'	QTY for 16'	QTY for 24'	QTY for 32'	QTY for 40'	QTY for 48'	QTY for 56'	Comments
4x4 - 72" Lumber (for posts)	2	3	4	5	6	7	8	cut to desire Height
Post Cap	2	3	4	5	6	7	8	Your choice
Post Holder	2	3	4	5	6	7	8	For 4x4 posts
2x4 - Lumber 96"L	2	4	6	8	10	12	14	Cut to 95½"
2x4 - Lumber 48"L	2	4	6	8	10	12	14	Cut to 48"
2x4 - Lumber 45"L	1	2	3	4	5	6	7	Cut to 45"
PC Multiwall Multi-wall 48"x48" 8mm	4	8	12	16	20	24	28	Applied Back to Back
PCU Profile 16mm 48"L	4	8	12	16	20	24	28	Profiles Comes in units of 12' long
8 X 2 ½" Flat - Deck Screw	24	48	96	120	144	168	192	



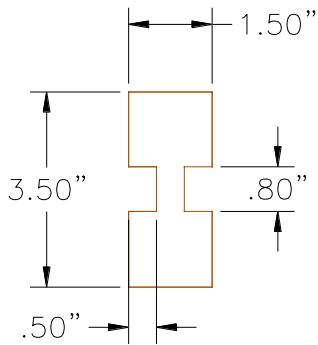
Step 1. Take 2x4 No. ② and Cut Groove per cross-section drawing: Length 96" (Need 2)



Step 2. Take 2x4 No. ③ and cut groove per cross-section drawing: Length 48" (need 2)

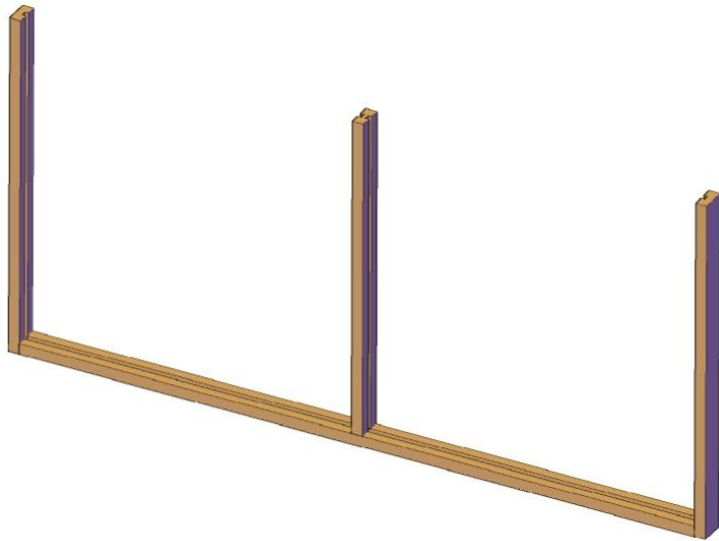


Step 3. Take 2x4 No. ④ and cut Grooves on Both side per cross-section drawing: Length 45" (need 1)

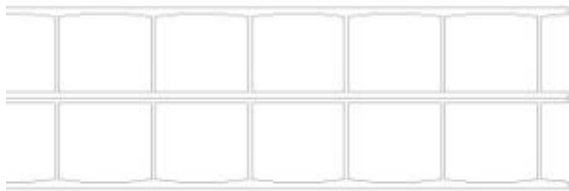


Step 4. Attach two 2x4's ③ on both side of 2x4 ② and attach 2x4 ④ in the middle

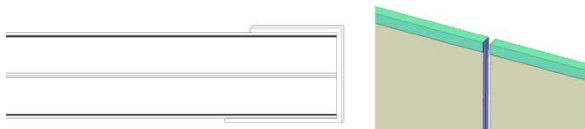
See drawing below:



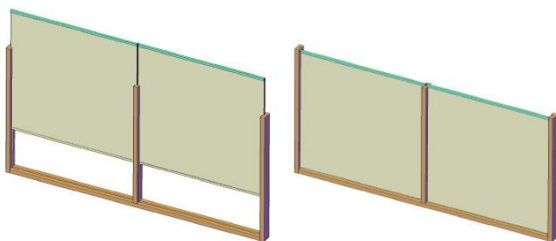
Step 5. Place 2 sheets of 8mm 48" x 48" back to back (UV protected side out)



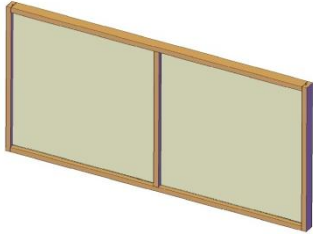
Step 6. Place UP 16 Edge Profile on all open edges (4 places)



Step 7. Insert Sheets to groove, per drawing:



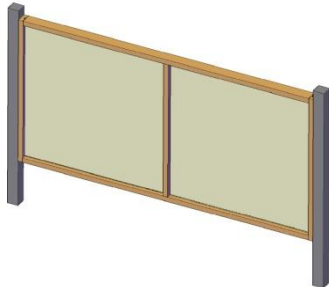
Step 8. Attach 2x4 No. ② on the frame top



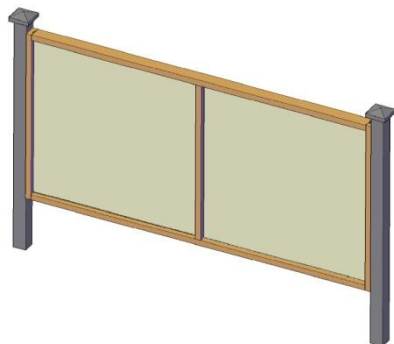
Step 9. Cut 4x4 ① posts to desired height



Step 10. Attach Posts on both sides of frame per drawing



Step 11. Attach Post's caps



Step 12. Mount to Deck



Step 13. Add more sections as needed



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