

**PROFESSIONAL CERTIFICATION**  
 I certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland, License Number #14678, Expiration Date: 6/30/2024

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## PROPOSED DETACHED GARAGE

### HASLBECK RESIDENCE

15049 Double Bridges Court  
 Glenelg, Maryland 21737

**ARCHITECT**  
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**STRUCTURAL ENGINEER**  
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**BUILDER**  
 Randy Keiser  
 MOST, INC.  
 GENERAL CONTRACTOR

7203 BELAIR ROAD  
 BALTIMORE, MD 21206-1129  
 Phone: (410) 668-6678  
 Fax: (410) 668-4973

ISSUE DATE	REVISION
1 4-7-23	PERMIT REVIEW

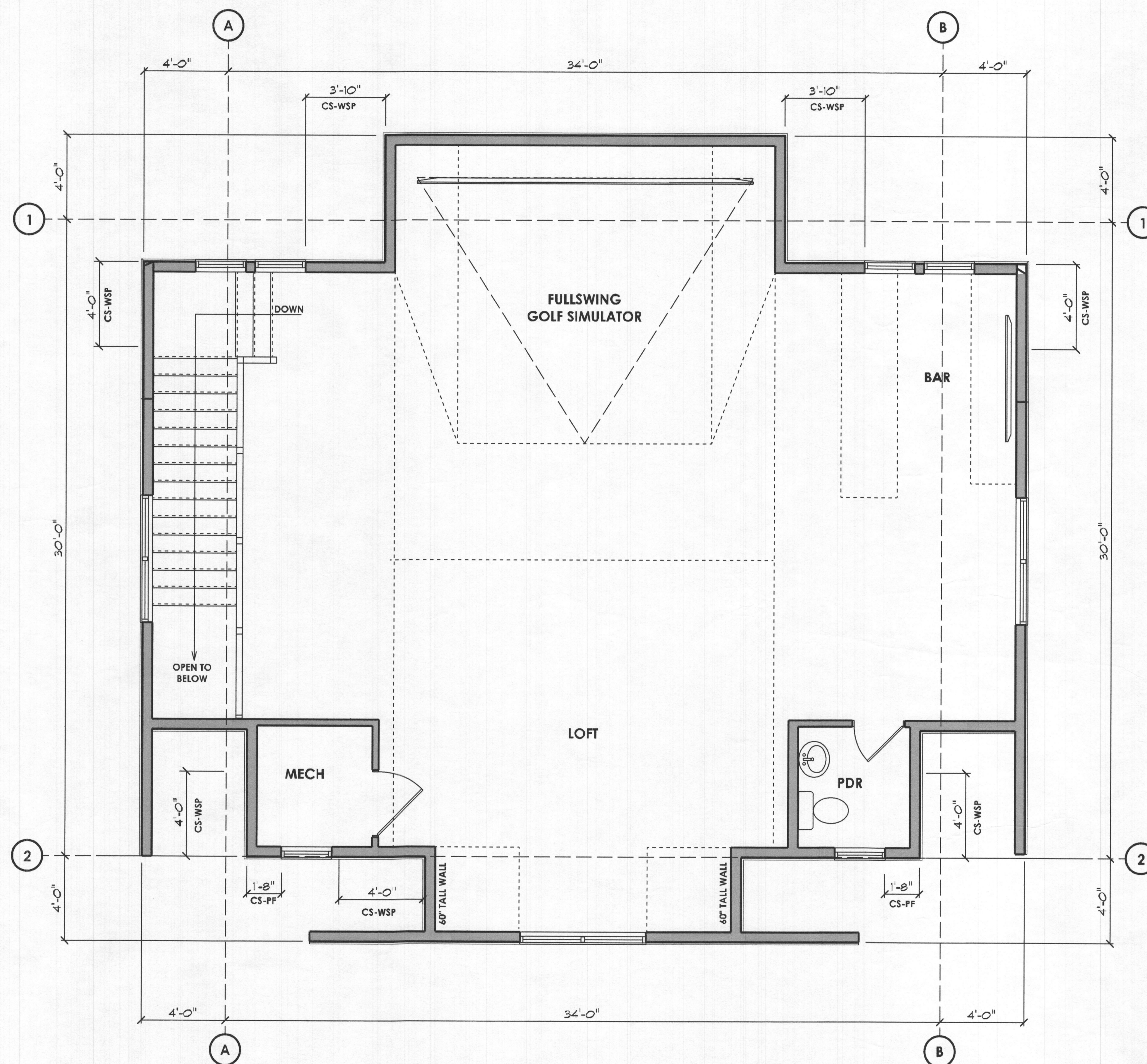
SCALE: 1/4" = 1'-0"

## 2nd FL BRACING

# 3.52

PRINT DATE:  
 Friday, April 7, 2023

Ultimate Wind Speed (mph)	115								
BWL Designation	A		B		1		2		
No. of Floors above BWL	0		0		0		0		
BWP Method	CS-WSP		CS-WSP		CS-WSP		CS-PF		
Average BWL Spacing (ft)	34		34		30		30		
Tabular Requirement (ft)	5.10		5.10		4.50		4.50		
Exposure	B	1.00	B	1.00	B	1.00	B	1.00	
Eave-to-Ridge Ht. (ft)	17.00	1.42	17.00	1.42	17.00	1.42	17.00	1.42	
Max. Wall Ht. (ft)	9.00	0.95	9.00	0.95	9.00	0.95	9.00	0.95	
No. of BWLs	2		2		2		2		
Omit Interior Finish?	No	1.00	No	1.00	No	1.00	No	1.00	
Added Hold-downs?	No	1.00	No	1.00	No	1.00	No	1.00	
Joints Blocked?	Yes	1.00	Yes	1.00	Yes	1.00	Yes	1.00	
Fasteners @ 4" o.c.?	No	1.00	No	1.00	No	1.00	No	1.00	
Required BWP Length (ft)	6.88		6.88		6.07		6.07		
Actual BWPs	Contributing Length (ft)	BWP	Method	Length	Method	Length	Method	Length	
	1	CS-WSP	4.00	CS-WSP	4.00	CS-WSP	3.75	CS-PF	2.50
	2	CS-WSP	4.00	CS-WSP	4.00	CS-WSP	3.75	CS-WSP	4.00
	VSP=actual SFE=actual GB(ss)=0.5xactu	3						CS-PF	2.50
	at GB(ds)=actual CS-PF=1.5xactual	4							
	PFH=1.5xactual PFH=4" ABN=4"	5							
	6								
7									
Actual BWP Length (ft)	8.00		8.00		7.50		9.00		
Actual ≥ Required?	PASS		PASS		PASS		PASS		
BWPs ≤ 20' Apart?	Yes		Yes		Yes		Yes		
≥ 2 Panels in BWL?	Yes		Yes		Yes		Yes		
BWP 10' from Ends?	Yes		Yes		Yes		Yes		
Continuous Sheathing	End 1	End 2	End 1	End 2	End 1	End 2	End 1	End 2	
End Conditions	1	1	1	1	1	1	1	1	
BWL Compliance	PASS		PASS		PASS		PASS		



Digitally signed by Matthew W Anderson  
 Date: 2023.04.07 09:01:55-04'00'  
Professional Engineer License No. 31582