

ALUMABOARD INTER-LOCKING 1" x 6" BATTENS

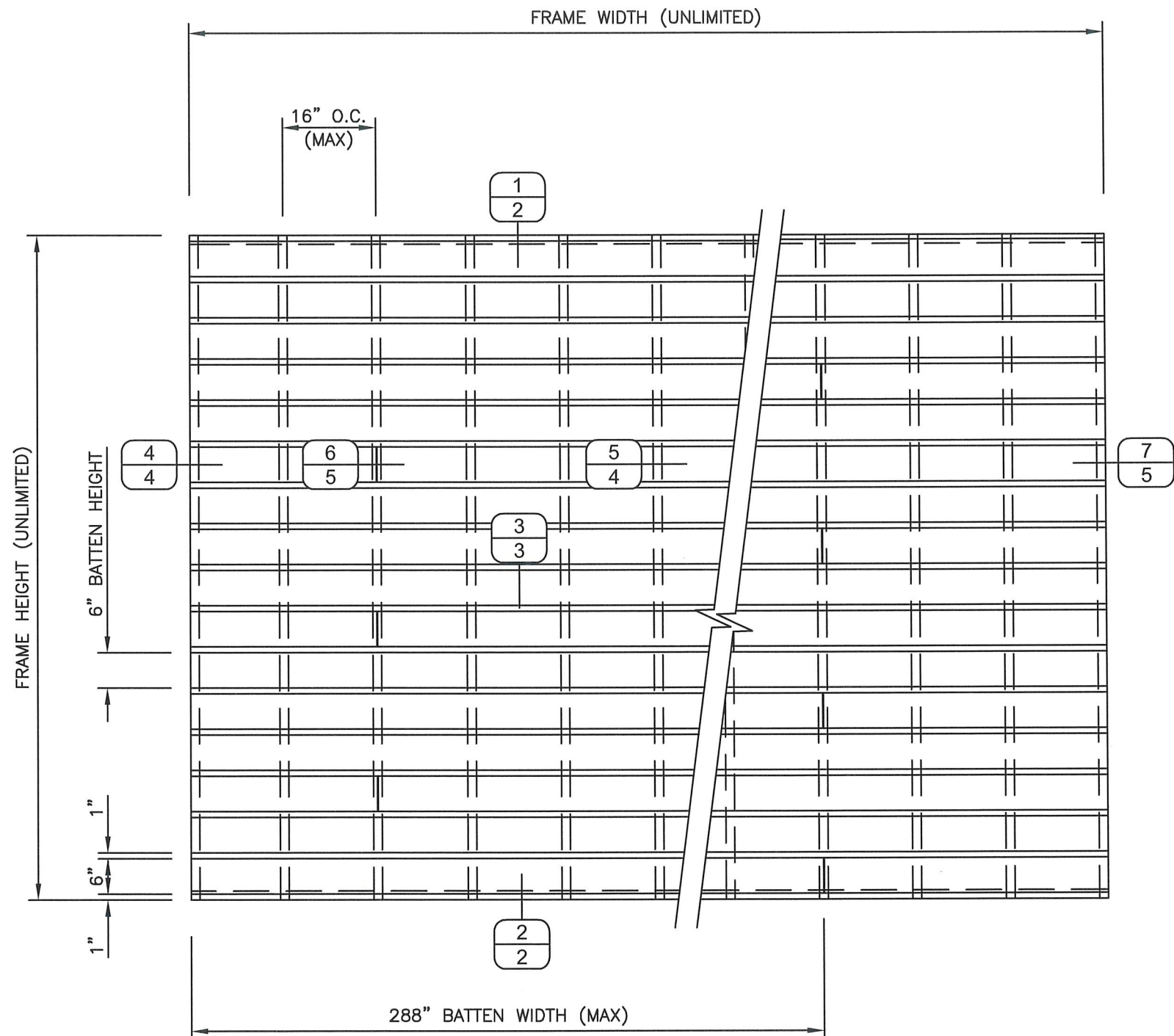
GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, FOR USE OUTSIDE OF THE HVHZ.
2. THIS SYSTEM HAS NOT BEEN TESTED FOR IMPACT RESISTANCE, AND IN WINDBORNE DEBRIS REGIONS MAY ONLY BE INSTALLED OVER WALL TYPES LISTED IN FBC SECTION 1626.4.
3. THIS SYSTEM HAS NOT BEEN TESTED FOR WATER INFILTRATION. A WEATHER-RESISTIVE BARRIER MEETING THE REQUIREMENTS OF FBC SECTION 1404.2 WITH FLASHING MEETING FBC SECTION 1405.4 MUST BE INSTALLED BEHIND THIS SYSTEM.
4. THE STUD WALL (METAL or WOOD) IS NOT A PART OF THIS SYSTEM. THE STUD SYSTEM MUST ADEQUATELY SUPPORT THE LOADS IMPOSED BY THE BATTEN SYSTEM AND TRANSFER THEM SAFELY TO THE BUILDING STRUCTURE.
5. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT PRESSURE (ASD) CANNOT EXCEED THE DESIGN PRESSURES LISTED ON THIS SHEET.
6. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
7. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
8. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. $C_d=1.6$ WAS USED FOR WOOD SCREWS ONLY.

DESIGN PRESSURE
+/- 110 Psf

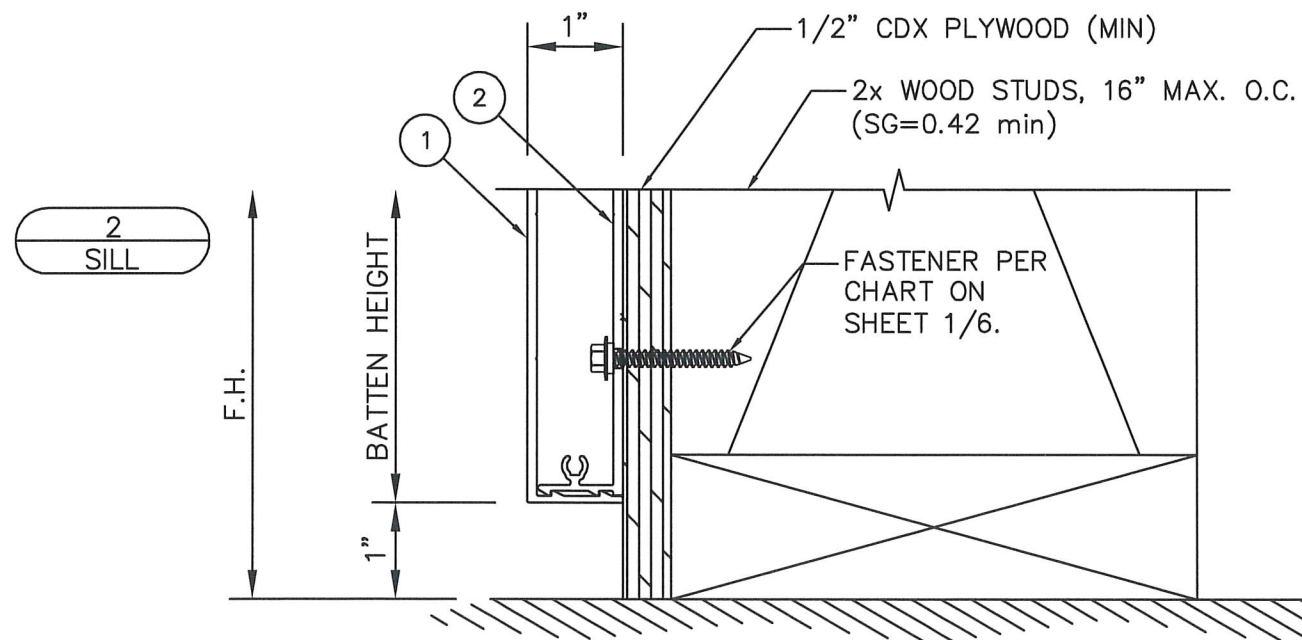
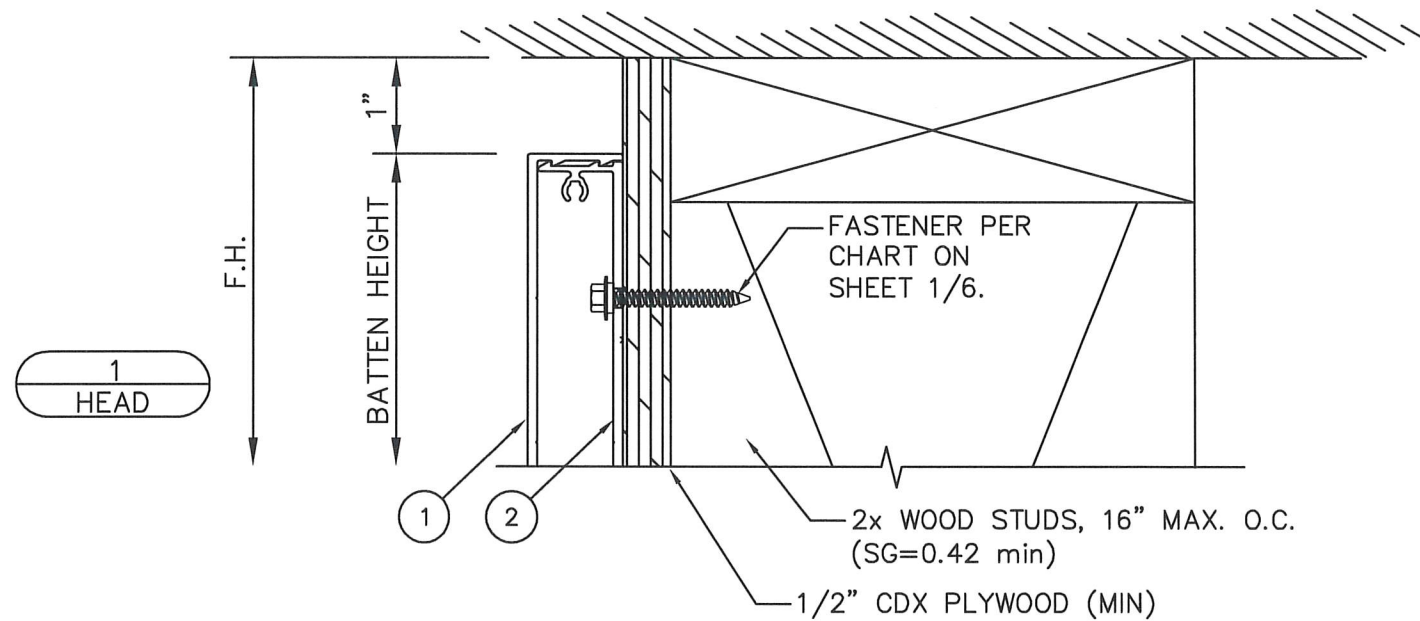
FASTENER CHART			
SUBSTRATE	FASTENER TYPE	MIN EMBED	MIN EDGE DISTANCE
2x WOOD STUDS (16" max O.C, SG=0.42 min)	#10 x 1 1/2" HHSM SCREW	1 1/4"	5/8"
18 Ga. METAL STUDS (16" max O.C. Fu=45 ksi min)	#10 DIA TEKS-TYPE THREAD FORMING SCREWS	FULL ²	1/2"
CONCRETE (2846 psi, min)	3/16" DIA. CONCRETE SCREW ¹	1 1/4"	2 1/2"
CMU BLOCK (ASTM C90, min)	3/16" DIA. CONCRETE SCREW ¹	1 1/4"	2 1/2"

NOTES: 1. CONCRETE SCREWS MAY BE DEWALT ULTRACON, HILTI KWIK FLEX, OR ITW TAPCONS.
2. METAL SCREWS MUST FULLY PENETRATE THE WALL OF THE METAL STUD, WITH THREE ADDITIONAL THREADS BEYOND.

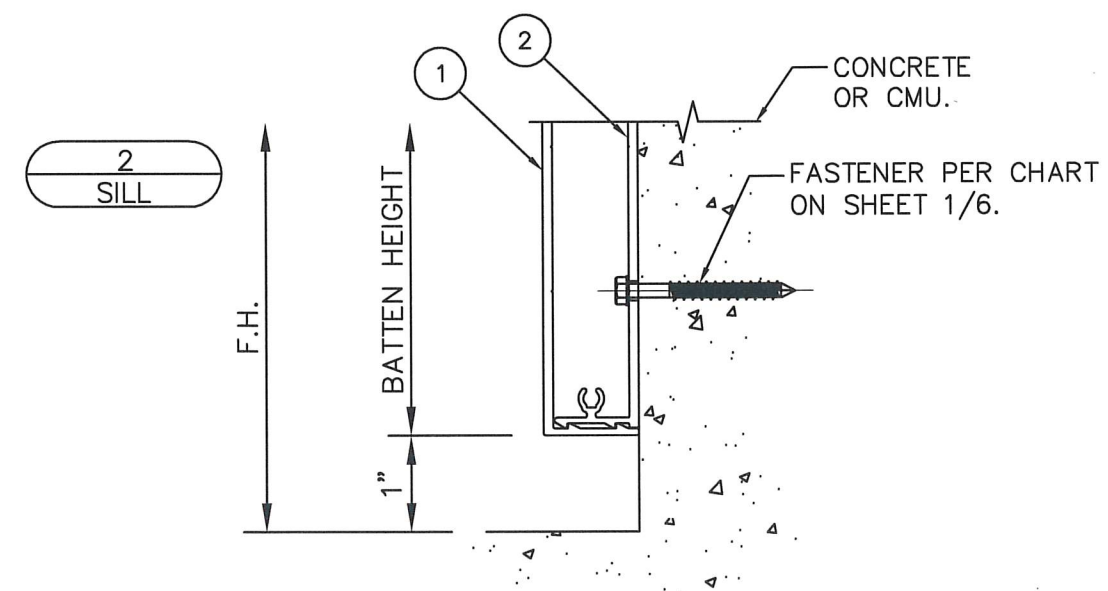
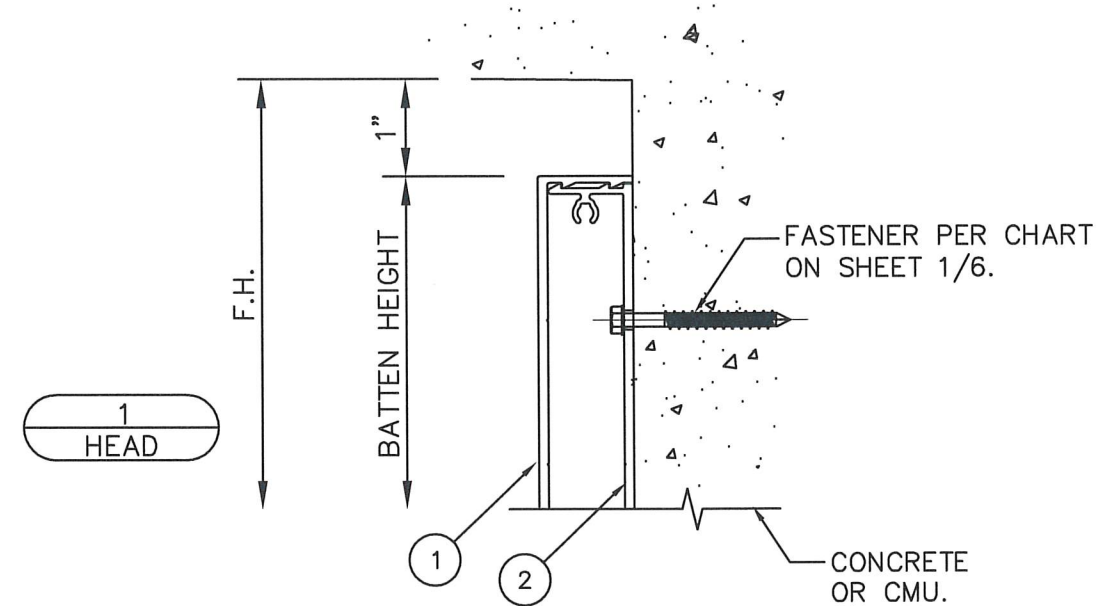


EXTERIOR VIEW
(NOT TO SCALE)

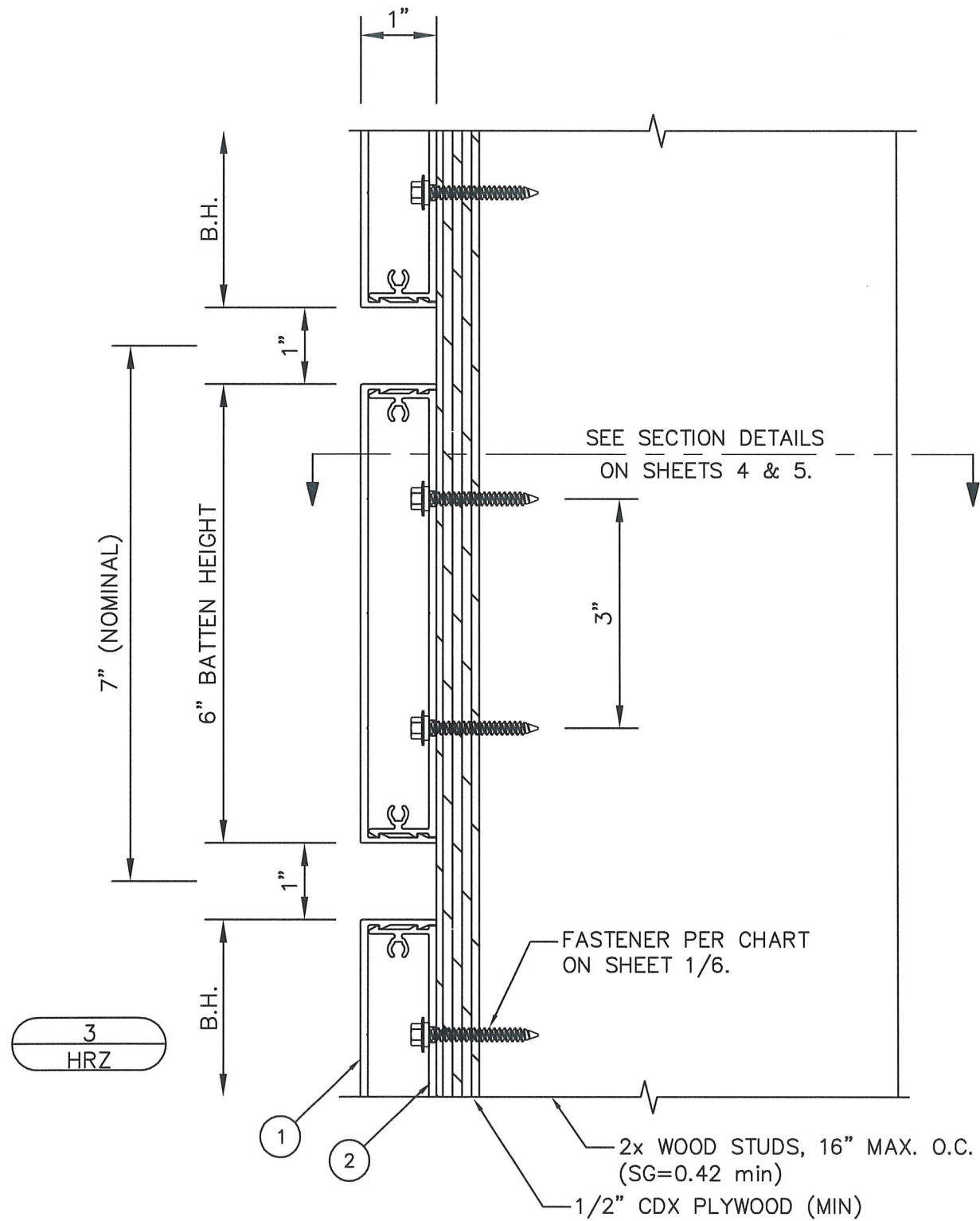
SEAL: SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N. WEST PALM BEACH, FL 33412 PH/FAX:(561) 225-1982 STATE OF FLORIDA DEC 13 2023	 Lumabuilt	2529 WEST JACKSON ST PHOENIX, AZ 85009 PH: (602) 275-1676 www.lumabuilt.com	1ST SUBMITTAL	REV.#	DATE
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PRODUCT: ALUMABOARD INTER-LOCKING 1" x 6" BATTENS			DWG: LBAB-NHZ		
SHEET: 1/6					



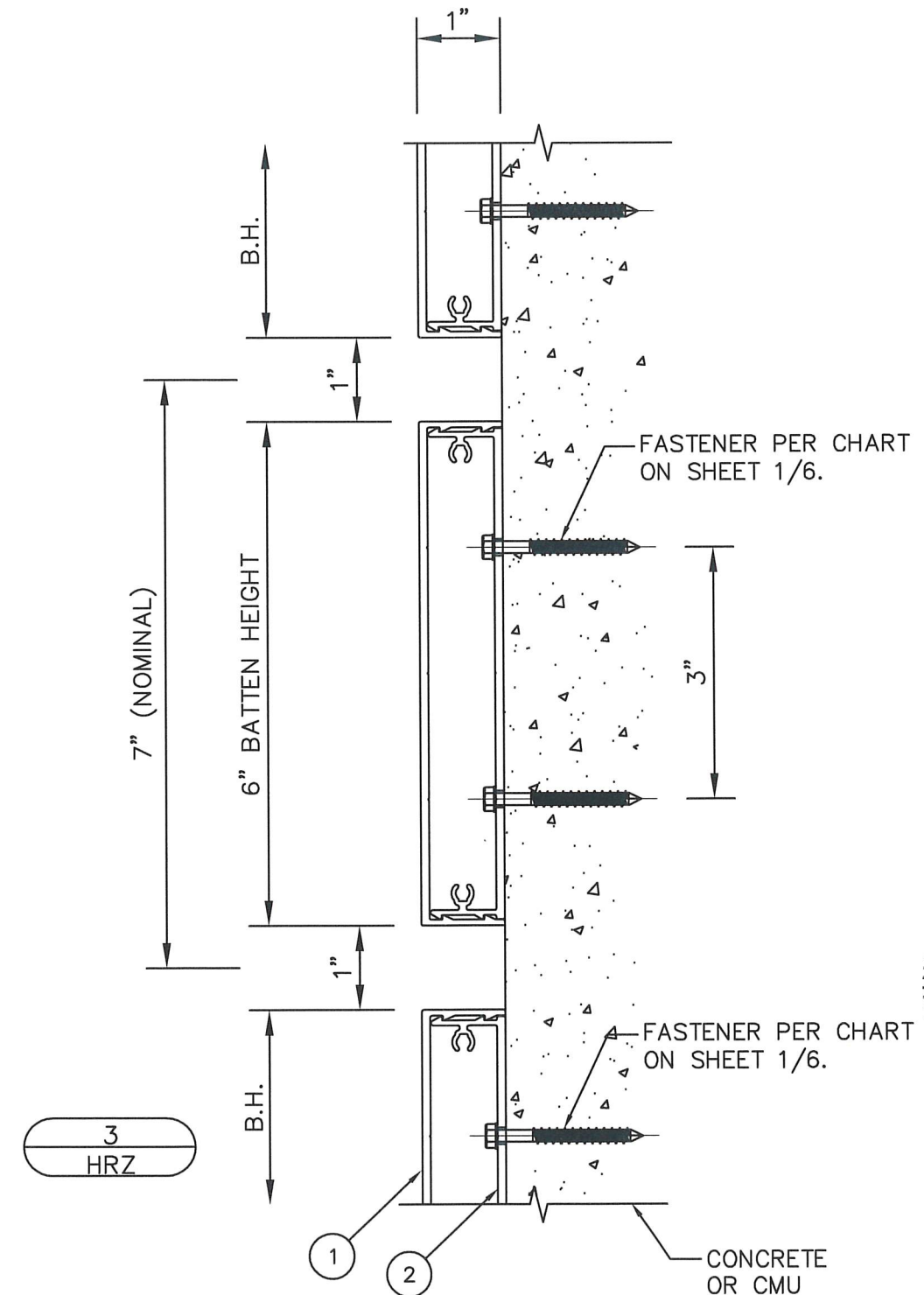
ALTERNATE DETAILS (CONCRETE/CMU)



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7L			
SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD NE WEST PALM BEACH, FL 33412 PH/FAX (561) 225-1982		STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER BEC 13 2023	
PRODUCT: ALUMABOARD INTER-LOCKING 1" x 6" BATTENS			
DWG: LBAB-NHZ			
SHEET: 2/6			
		1ST SUBMITTAL	REV.#
		PRINTS ISSUED FOR	DATE
			12/13/23



ALTERNATE DETAILS (CONCRETE/CMU)



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FL PE# 62354

WOLTERS ENGINEERING
(CO.# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
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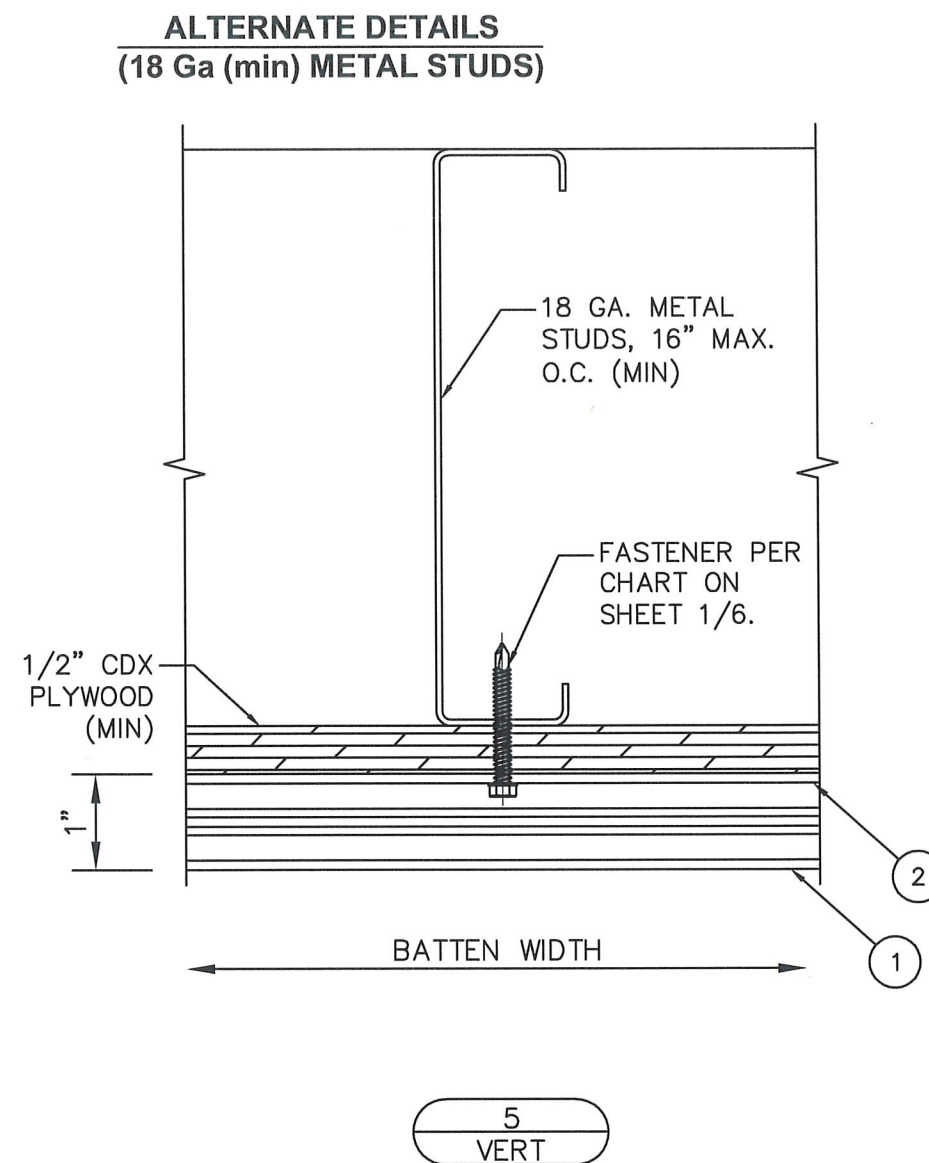
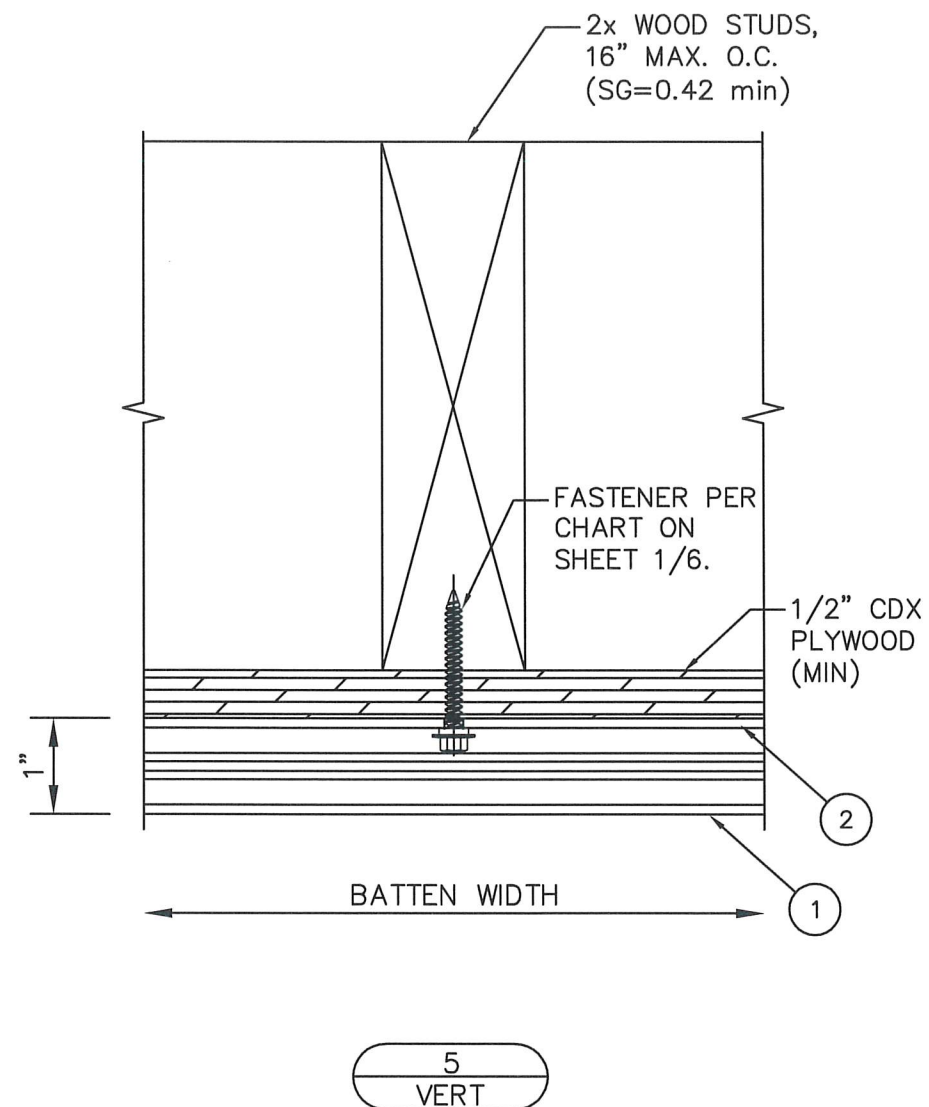
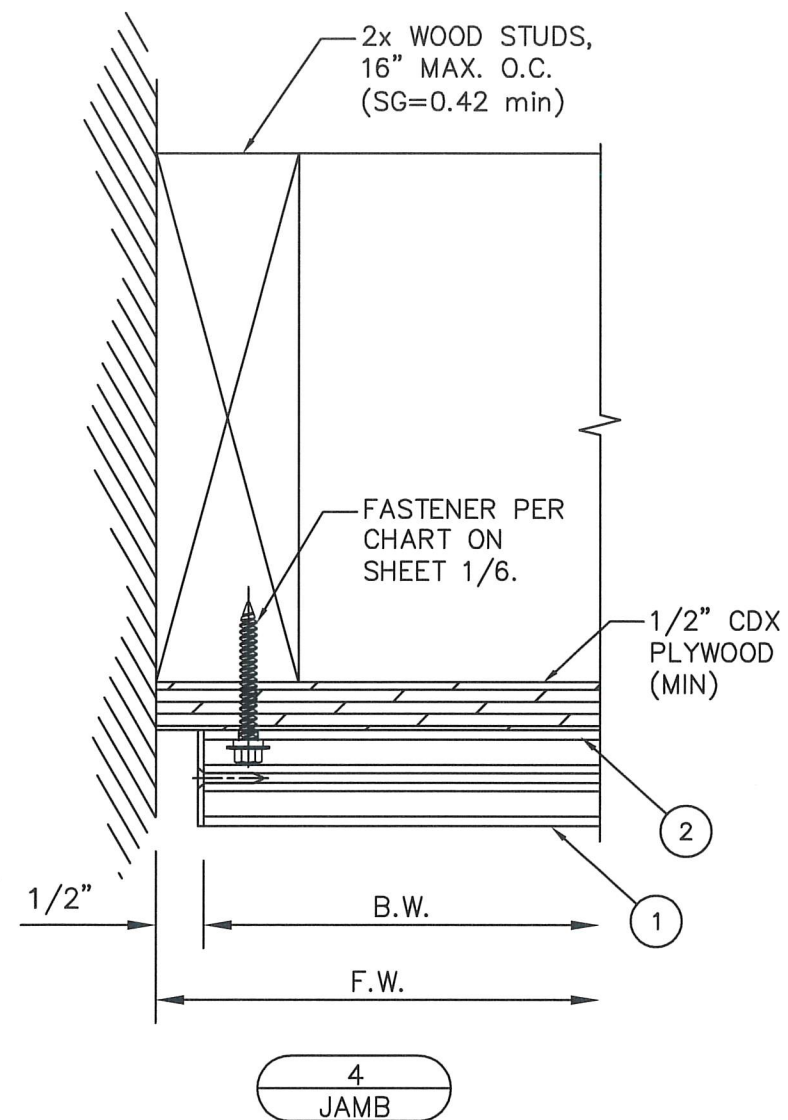
DEC 13 2023

PROFESSIONAL ENGINEER

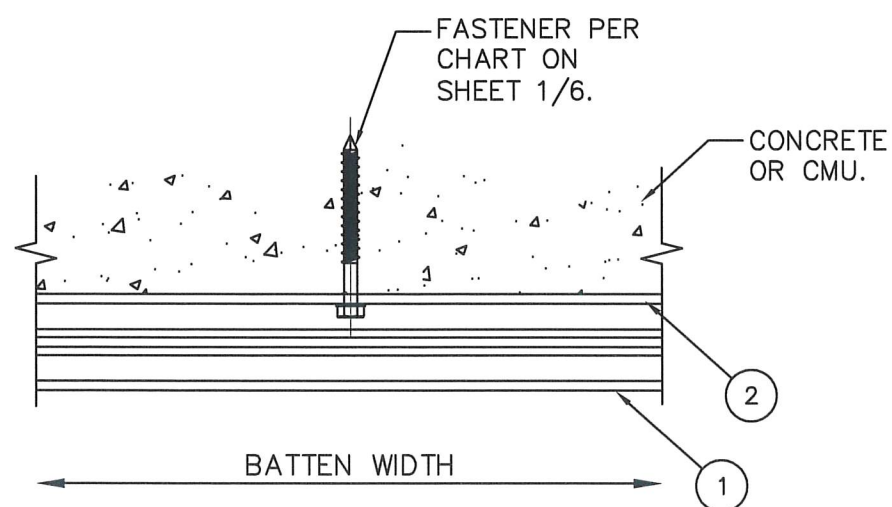
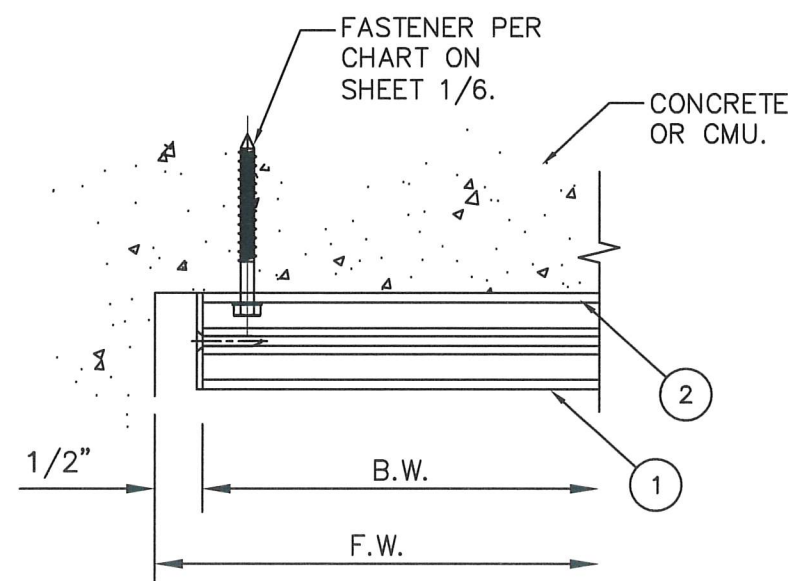
PRODUCT:
ALUMABOARD
INTER-LOCKING
1" x 6" BATTENS

DWG:
LBAB-NHZ

SHEET:
3/6



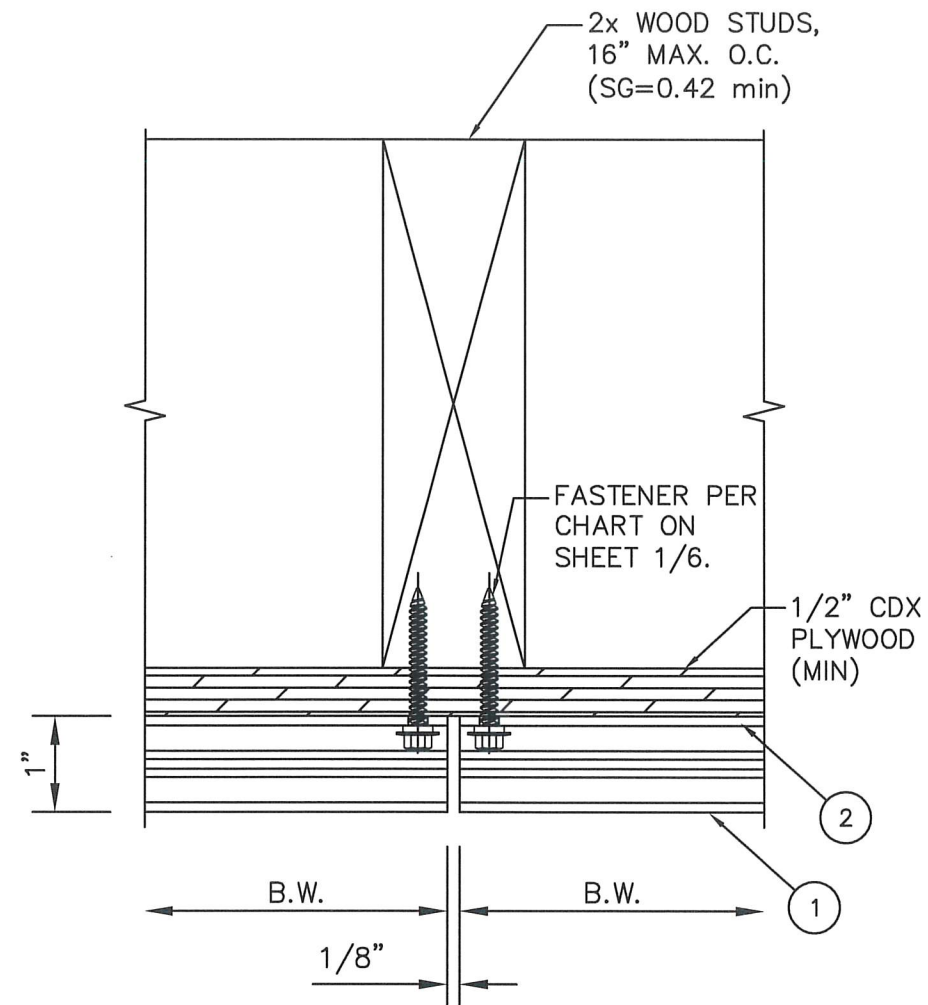
ALTERNATE DETAILS (CONCRETE/CMU)



12/13/23	DATE
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1ST SUBMITTAL	PRINTS ISSUED FOR
Lumabuilt 77 SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX: (561) 225-1982 STATE OF FLORIDA DEC 13 2023 PROFESSIONAL ENGINEER PRODUCT: ALUMABOARD INTER-LOCKING 1" x 6" BATTENS DWG: LBAB-NHZ SHEET: 4/6	

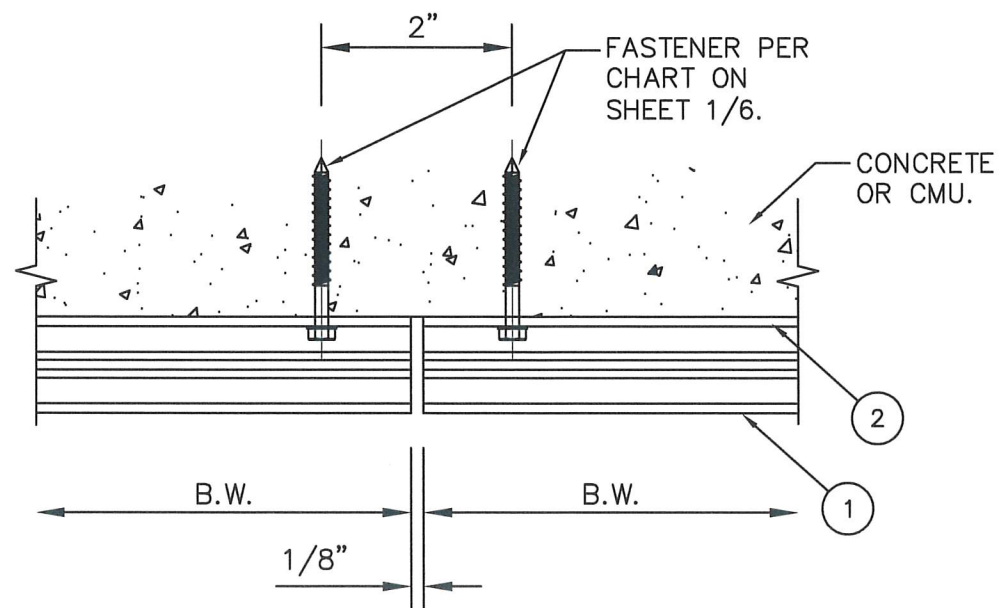
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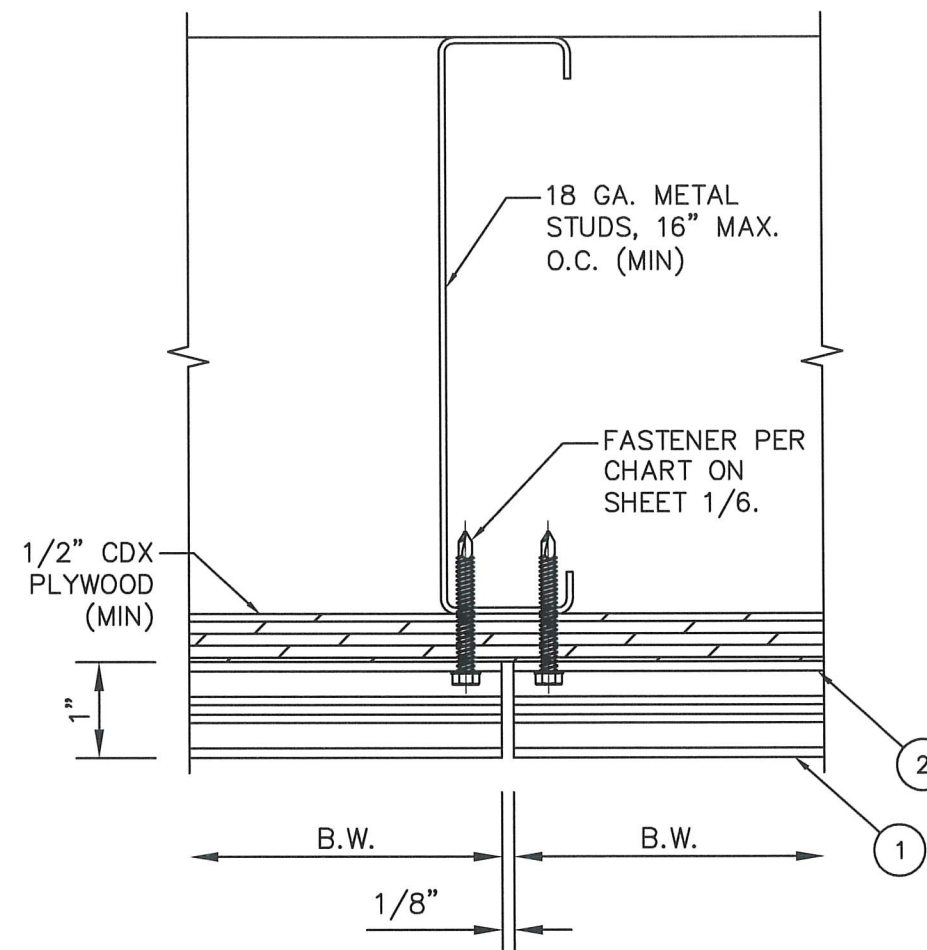


6
VERT

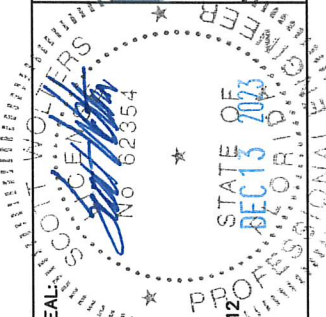
ALTERNATE DETAILS (CONCRETE/CMU)



ALTERNATE DETAILS (18 Ga (min) METAL STUDS)



6
VERT

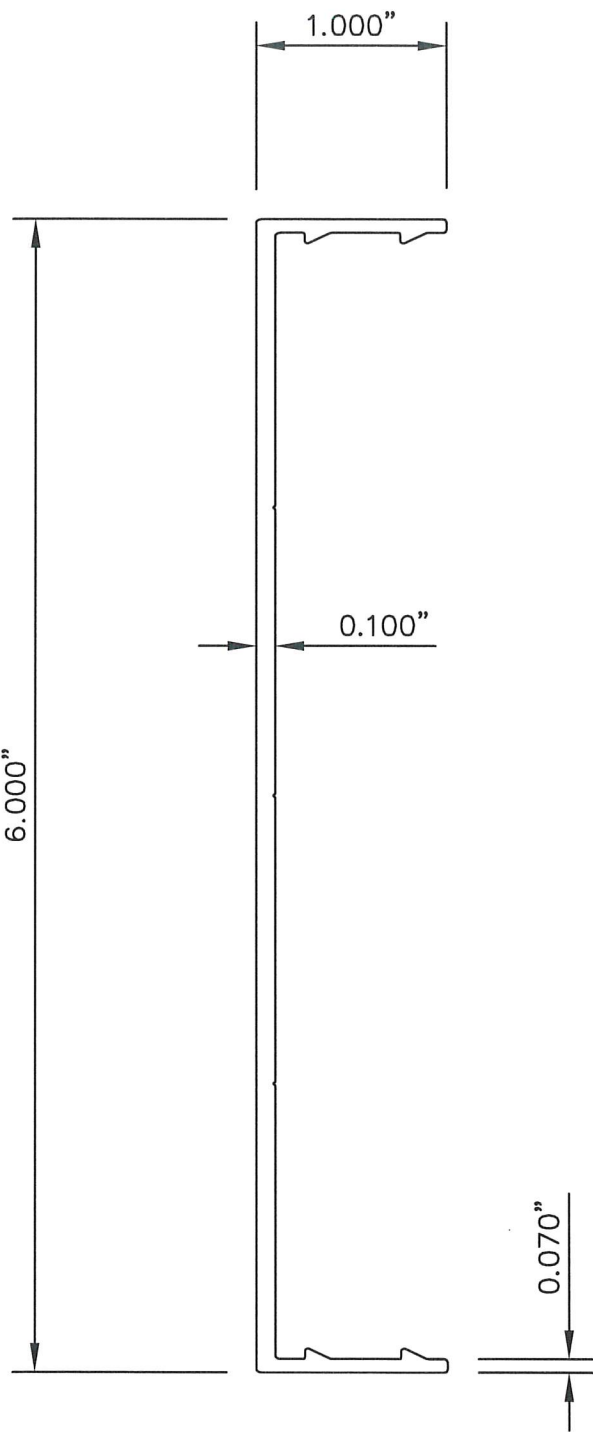
			
PRODUCT: ALUMABOARD INTER-LOCKING 1" x 6" BATTENS		DWG: LBAB-NHZ	
SHEET: 5/6		DATE: 12/13/23	

SCOTT WOLTERS
FL PE# 62354

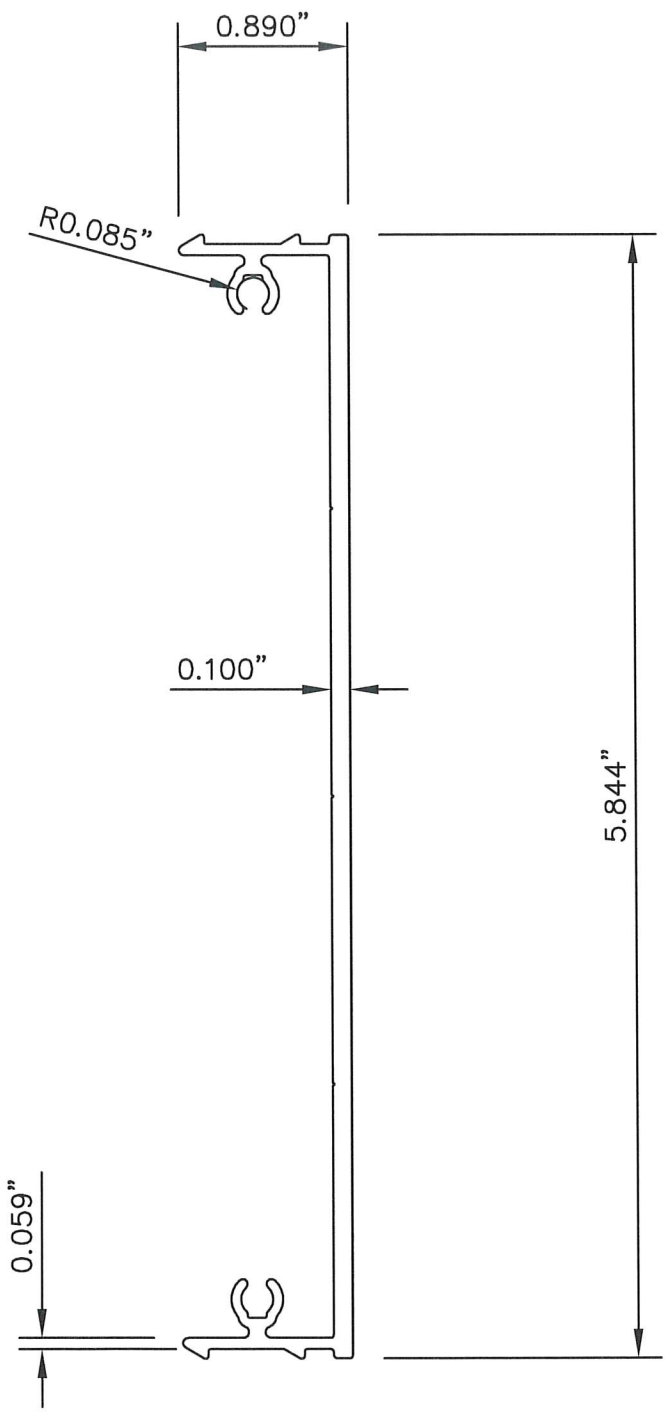
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

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BILL OF MATERIALS



1 BATTEN COVER
(6063-T5 ALUM)



2 BATTEN BASE
(6063-T5 ALUM)

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77		2529 WEST JACKSON ST PHOENIX, AZ 85009	
SCOTT WOLTERS FL PE# 62354		STATE OF ARIZONA PROFESSIONAL ENGINEER No 62354 DEC 13 2013	
WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX: (561) 225-1982		PRODUCT: ALUMABOARD INTER-LOCKING 1" x 6" BATTENS	
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