

SOLAR SUPPORT SYSTEM IS NOT RATED FOR IMPACT.

SOLAR SUPPORT SYSTEM IS SECURED TO ROOF STRUCTURE (BY OTHERS)

QUICKMOUNT QBASE & L-MOUNT SOLAR ROOF ATTACHMENTS

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ROOF SHEATHING.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND WEATHER SEALING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1703.5 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1703.5.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

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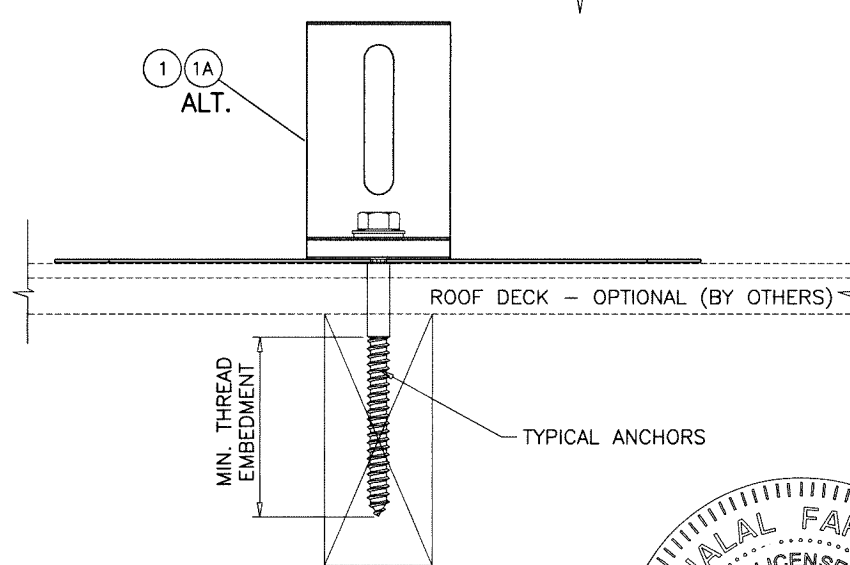
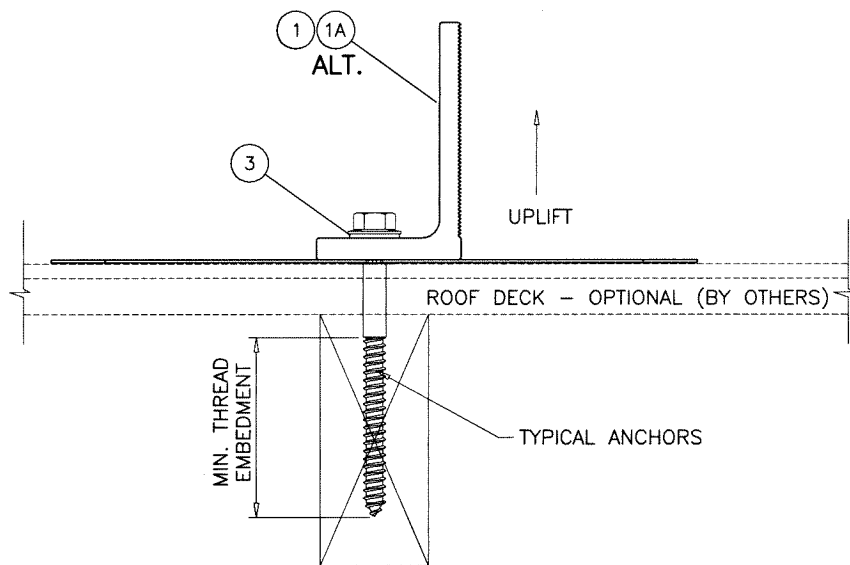
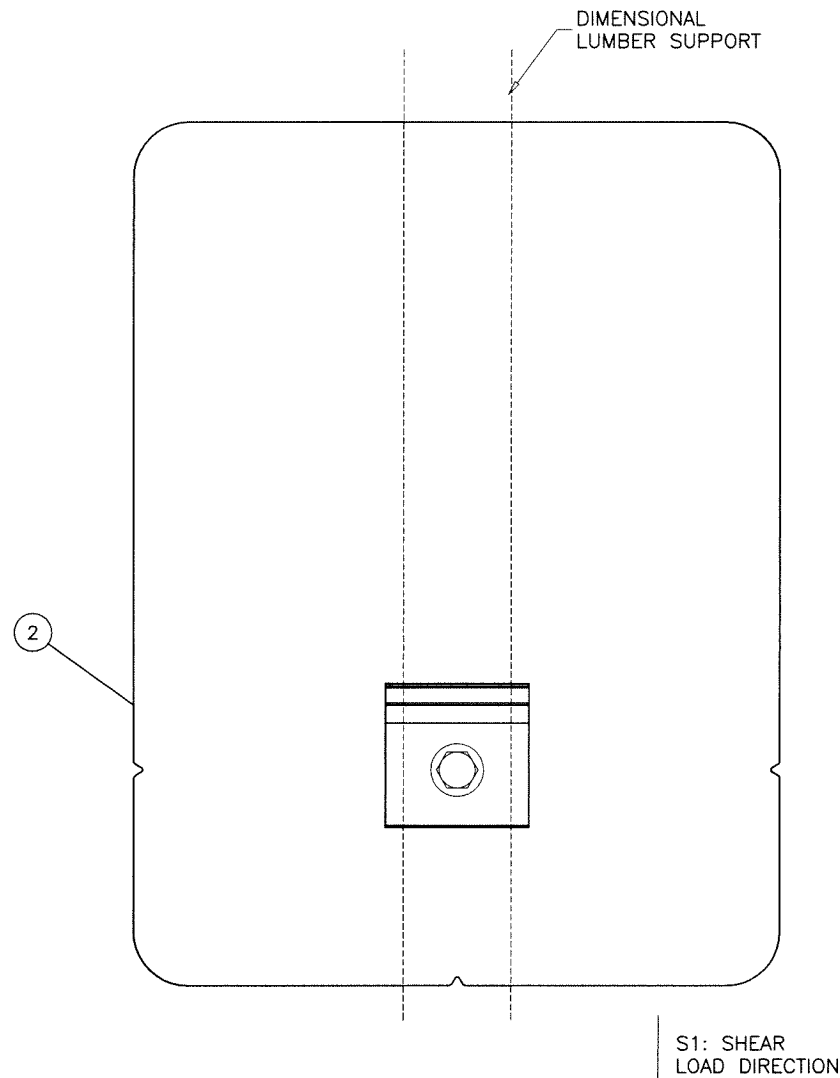
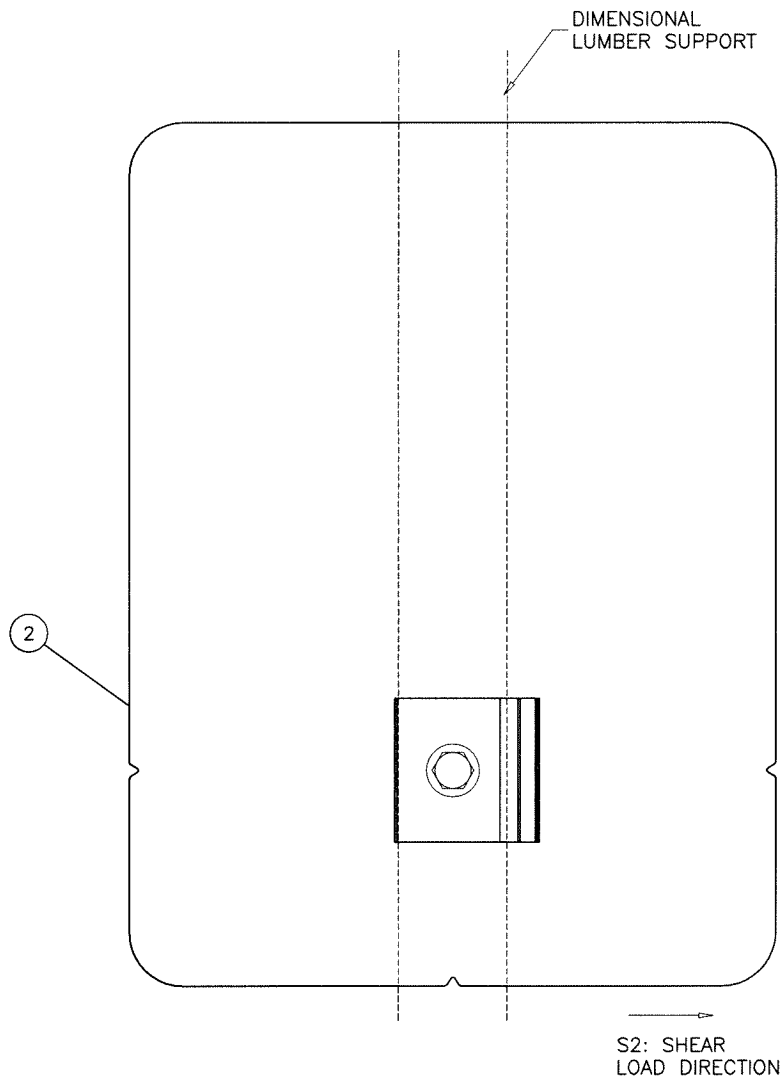


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QUICKMOUNT	QBASE & L-MOUNT SOLAR ROOF ATTACHMENTS (N.I.)
28357 Industrial Blvd.	
Hayward, CA, 94545	
Phone: (800) 227-9523	Fax: (510) 259-9747

AL-FAROOQ CORPORATION	ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220	MIAMI, FLORIDA 33173
TEL. (305) 264-8100	FAX. (305) 262-6978
SOLAR-RACK\20-79-QM	

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ROOF STRUCTURE AND ROOF DECK NOT BY 'QUICKMOUNT'
MUST SUSTAIN LOADS IMPOSED BY SOLAR SUPPORT SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHOR

TYPE 'A' - 5/16" DIA. X 4" HEX HEAD LAG SCREW. (Fy=60 KSI)
INTO WOOD STRUCTURES
2-5/16" MIN. THREAD PENETRATION INTO WOOD

CRITICAL EDGE DISTANCE

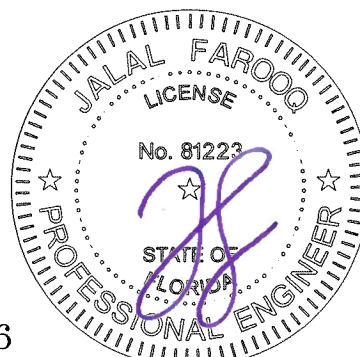
INTO WOOD STRUCTURE = 3/4" MIN.

WOOD SUBSTRUCTURE SG = 0.45 MIN.

MAXIMUM L-MOUNT SYSTEM WIND UPLIFT RESISTANCE = 1,437.5 LBS
MAXIMUM L-MOUNT SYSTEM WIND SHEAR RESISTANCE S1 = 800 LBS
MAXIMUM L-MOUNT SYSTEM WIND SHEAR RESISTANCE S2 = 1,025 LBS

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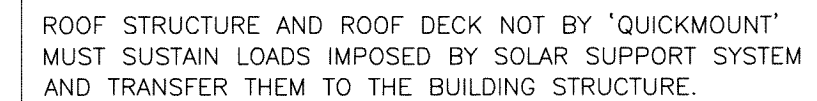
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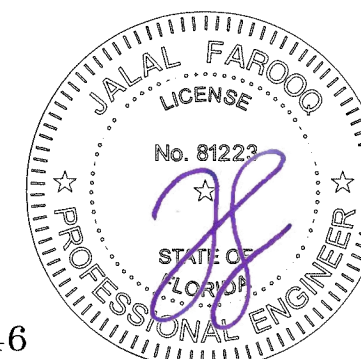
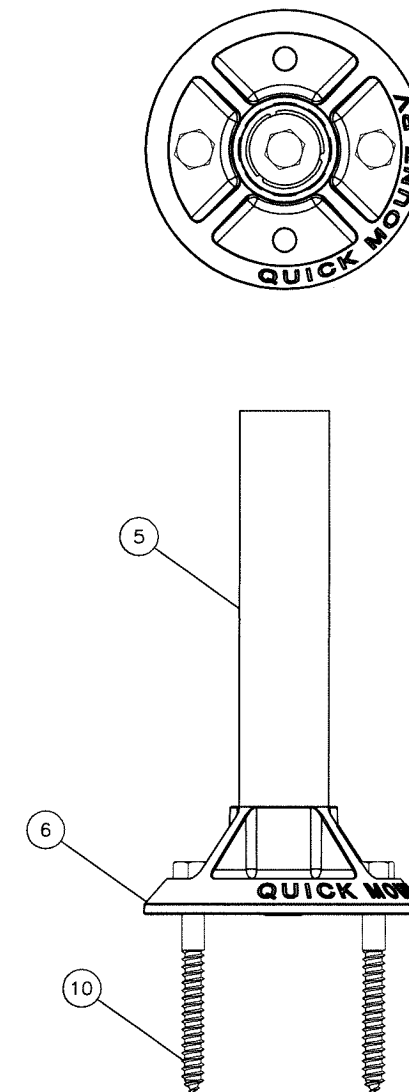
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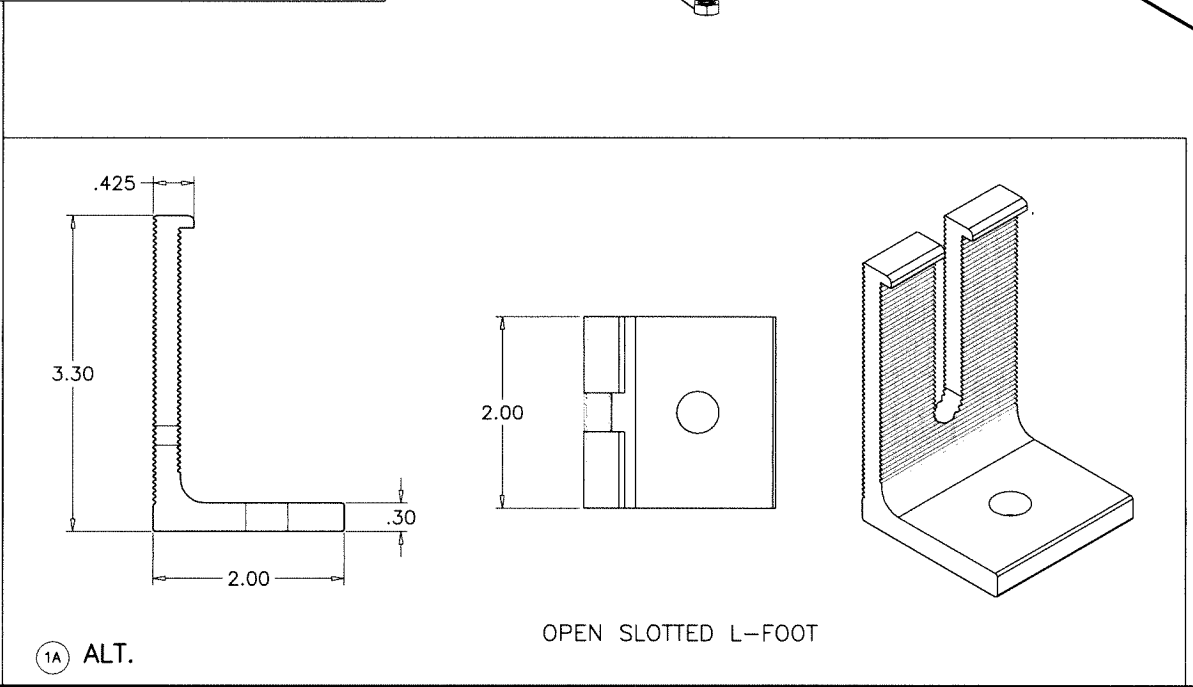
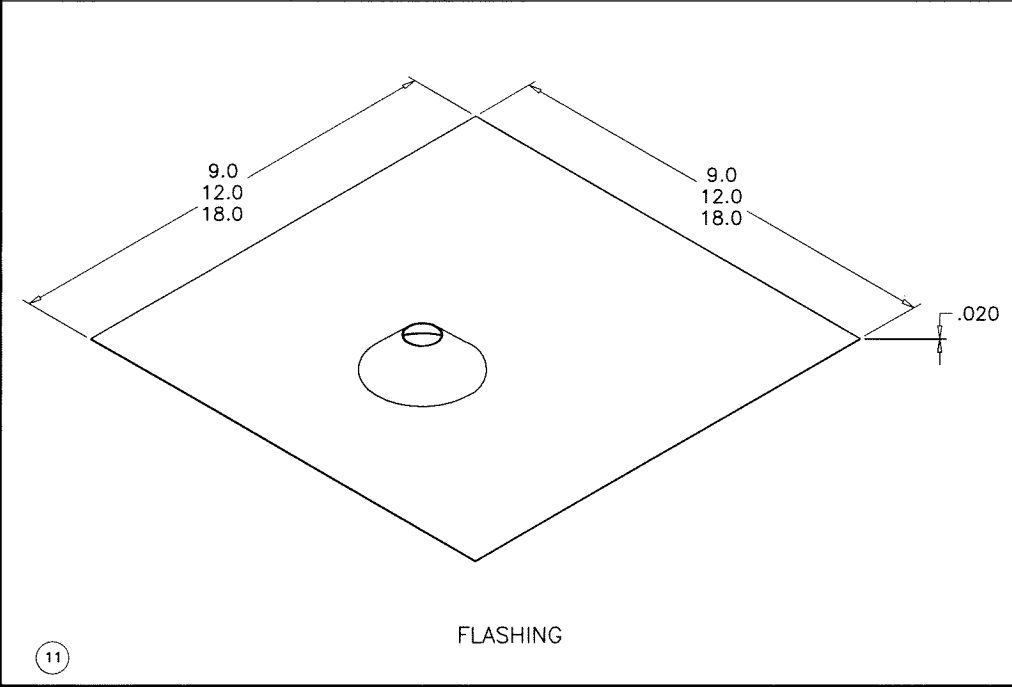
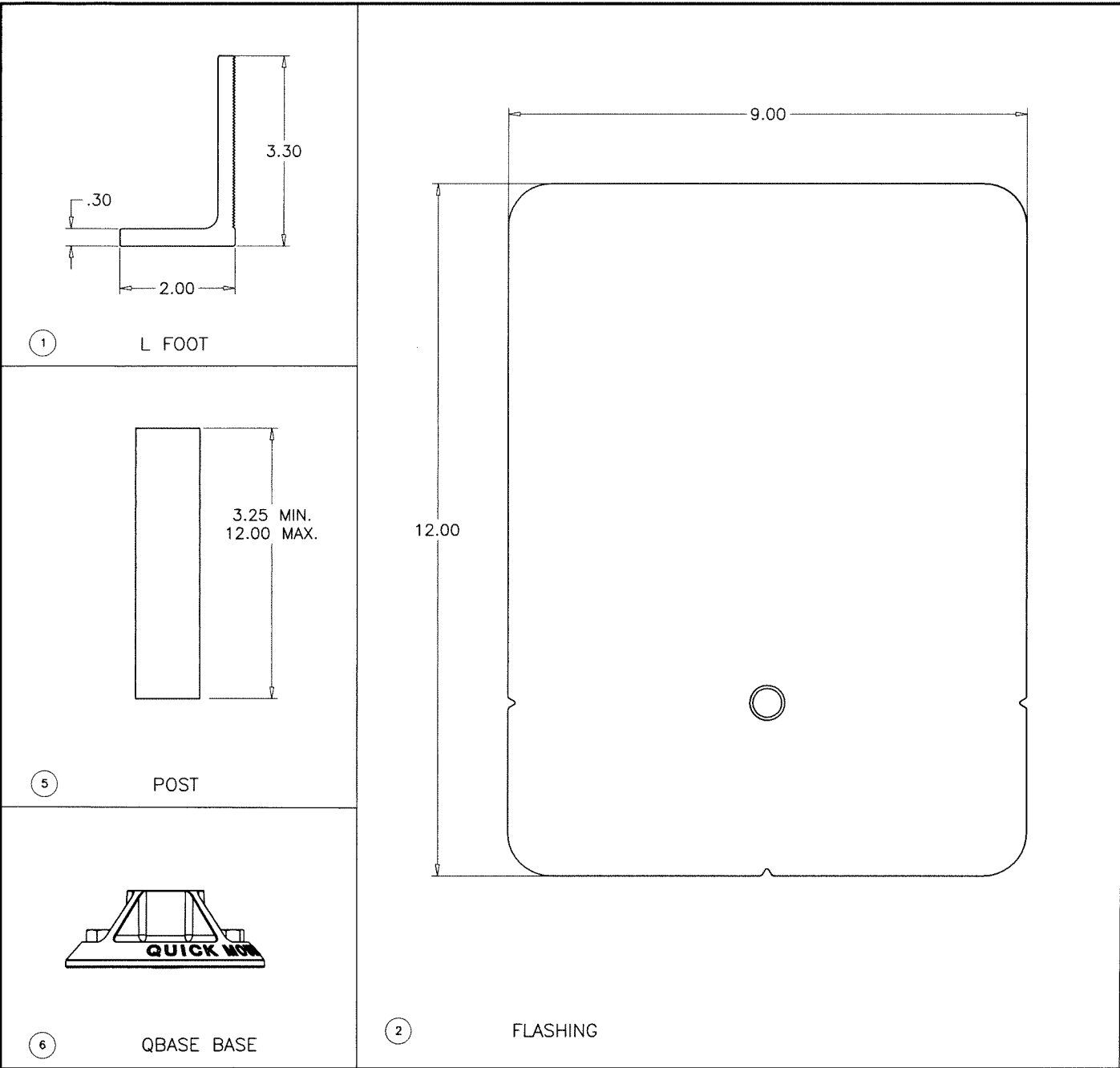
WOOD SUBSTRUCTURE SG = 0.45 MIN.



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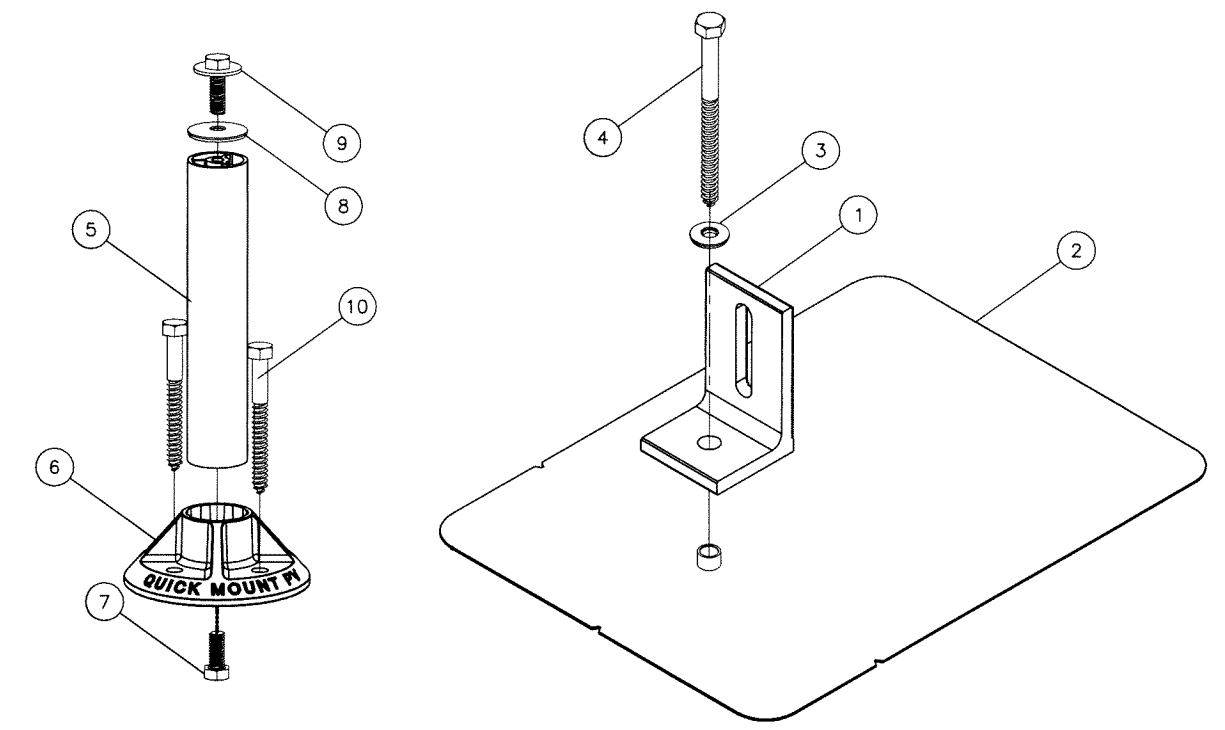
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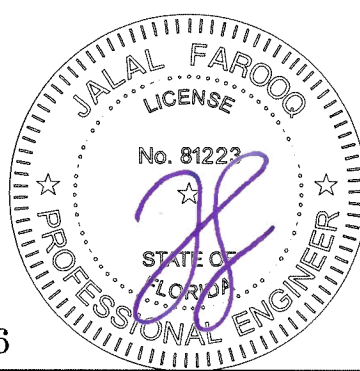


L-MOUNT				
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	---	AS REQD.	L-FOOT	6000 SERIES ALUM (Fy MIN. 35 KSI)
1A	---	AS REQD.	OPEN SLOTTED L-FOOT	6000 SERIES ALUM (Fy MIN. 35 KSI)
2	---	AS REQD.	9 " X 12" X 0.40" FLASHING	300 SERIES ALUM (Fy MIN 23 KSI)
3	---	AS REQD.	5/16" ID X 3/4" OD. WASHER	EPDM BACKED STAINLESS STEEL
4	---	AS REQD.	5/16" Ø X 4" HEX HEAD LAG SCREW	ZINC PLATED OR STAINLESS STEEL

QBASE				
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
5	---	AS REQD.	1.25 Ø POST (3.25" MIN - 12.0" MAX.)	6000 SERIES ALUM (Fy MIN. 16 KSI)
6	---	AS REQD.	QBASE BASE	300 SERIES ALUM (Fy MIN. 23 KSI)
7	---	AS REQD.	5/16"-18 X 3/4" CAP SCREW, H.H.	COATED STEEL
8	---	AS REQD.	5/16" ID X 1-1/4" OD. WASHER	EPDM BACKED STAINLESS STEEL
9	---	AS REQD.	5/16"-18 X 1" CAP SCREW H.H.	300 SERIES STAINLESS STEEL
10	---	AS REQD.	5/16" Ø X 3" HEX HEAD LAG SCREW	300 SERIES STAINLESS STEEL
11	---	AS REQD.	QBASE FLASHING (9"x9", 12"x12", 18"x18")	300 SERIES ALUM (Fy MIN 23 KSI)



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