

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 FLORIDA BUILDING CODE (FBC). THE PRODUCT DETAILS CONTAINED HEREIN ARE TESTED IN ACCORDANCE WITH TAS 100(A)-95 AND DOCUMENTED IN SIGNED AND SEALED TEST REPORT # NLES-001-0202, DATED 12/30/09 AND ASSOCIATED LABORATORY DRAWINGS.
2. ADEQUACY OF THE EXISTING STRUCTURAL 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
3. 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
4. FRAME FLASHING MATERIAL: 1100-O ALUMINUM
5. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR ($C_d = 1.0$) HAS BEEN USED FOR WOOD ANCHOR DESIGN.
6. PRIOR TO AN ANTICIPATED HURRICANE OR HIGH WIND EVENT, THE SOLAR PANEL MUST BE SECURED WITH SCREWS IN THE FLAT HORIZONTAL POSITION.
7. SOLAR ATTIC FAN TESTED INCLUDED THE 40 WATT SOLAR PANEL MOUNTED IN A HORIZONTAL POSITION. ROOF MOUNTED SOLAR ATTIC FAN IS AVAILABLE IN 10, 20 & 30 WATT SIZES AS WELL. BRACKETS AND ANCHORING ARE IDENTICAL FOR ALL SOLAR PANEL SIZES.

INSTALLATION NOTES:

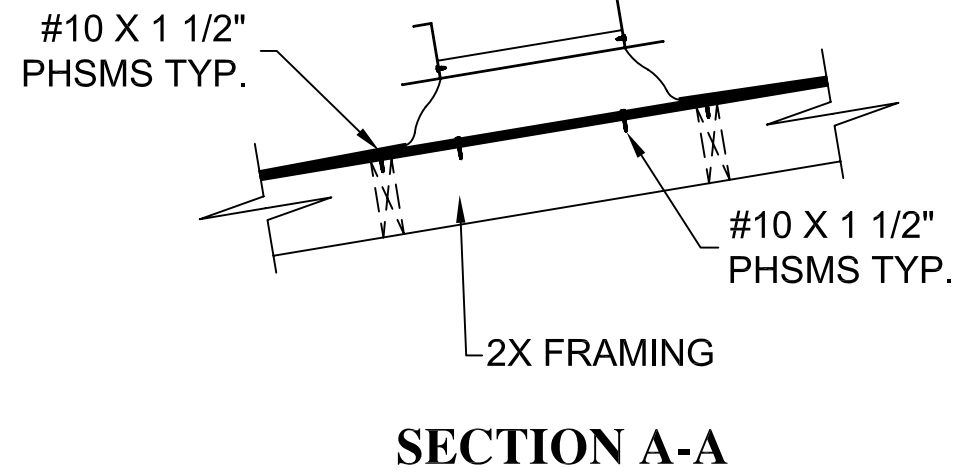
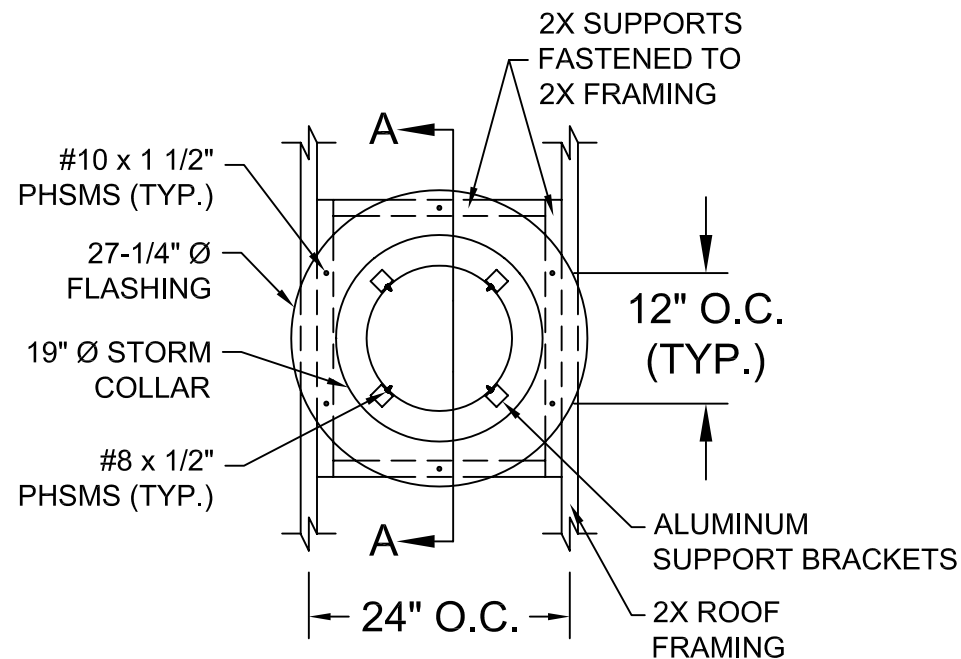
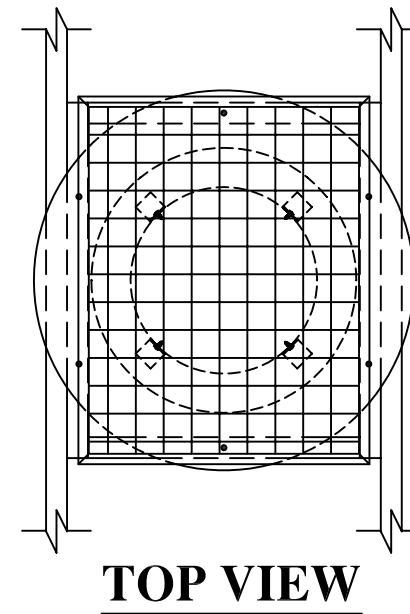
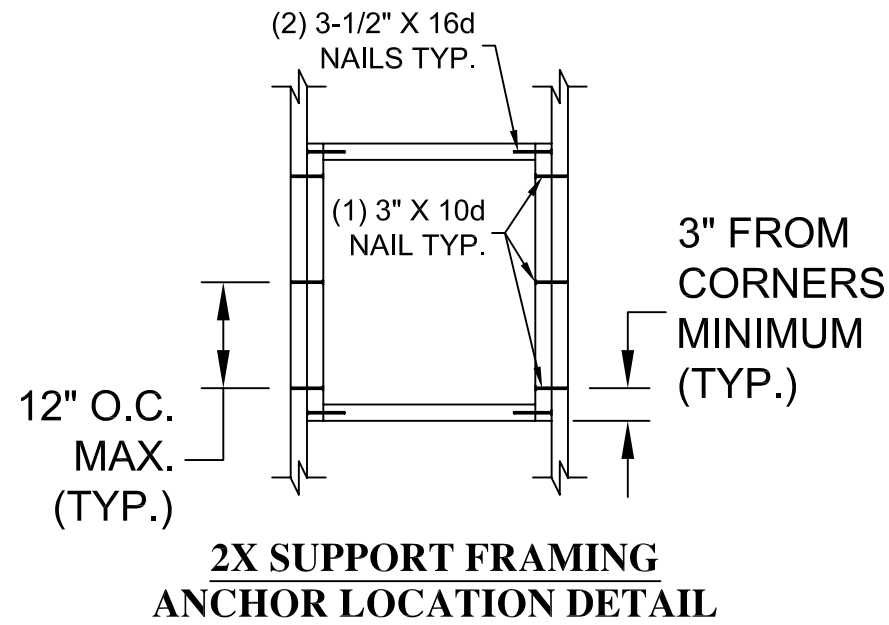
1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCHES.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE ROOFING FINISHES, INCLUDING BUT NOT LIMITED TO ROOFING TILE, SHINGLES, UNDERLAYMENTS, ETC.
5. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55

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2	---	COMPONENTS

NATURAL LIGHT ENERGY SYSTEMS

ROOF MOUNTED SOLAR ATTIC FAN

INSTALLATION ANCHORAGE DETAILS



PROJECT #310-0101

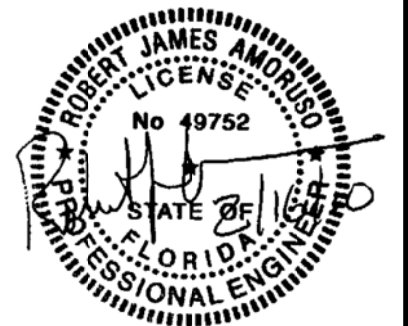
NATURAL LIGHT ENERGY SYSTEMS
10821 N. 23RD AVENUE
PHOENIX, AZ 85029

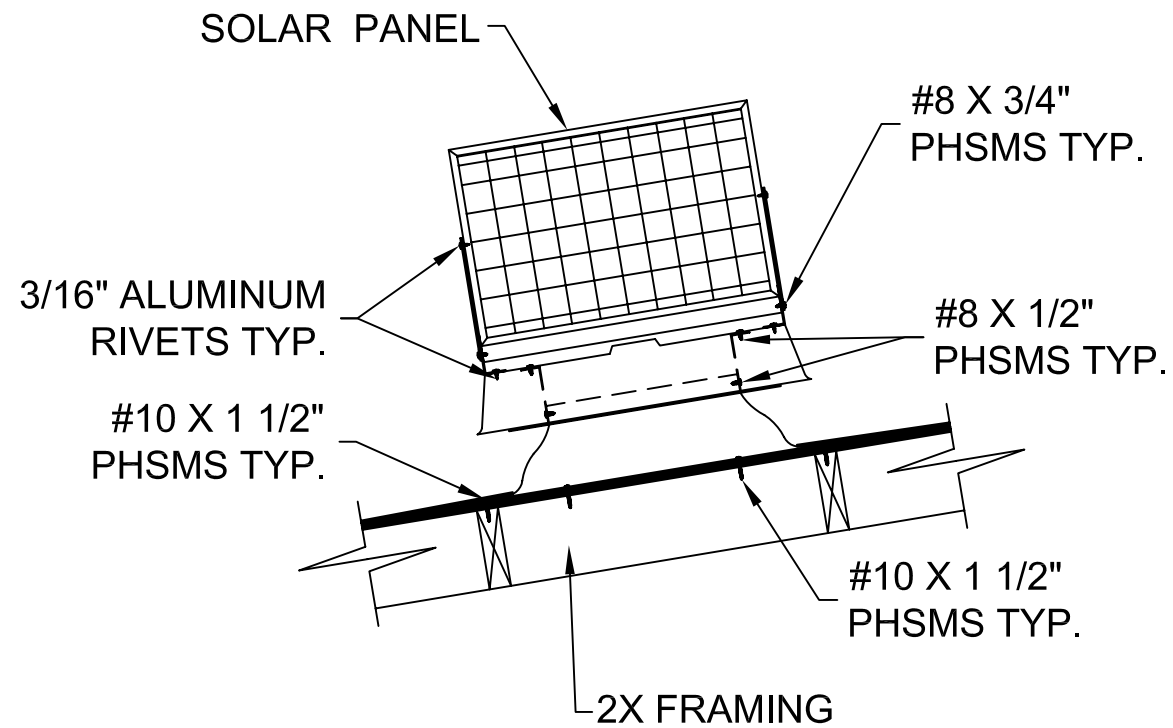
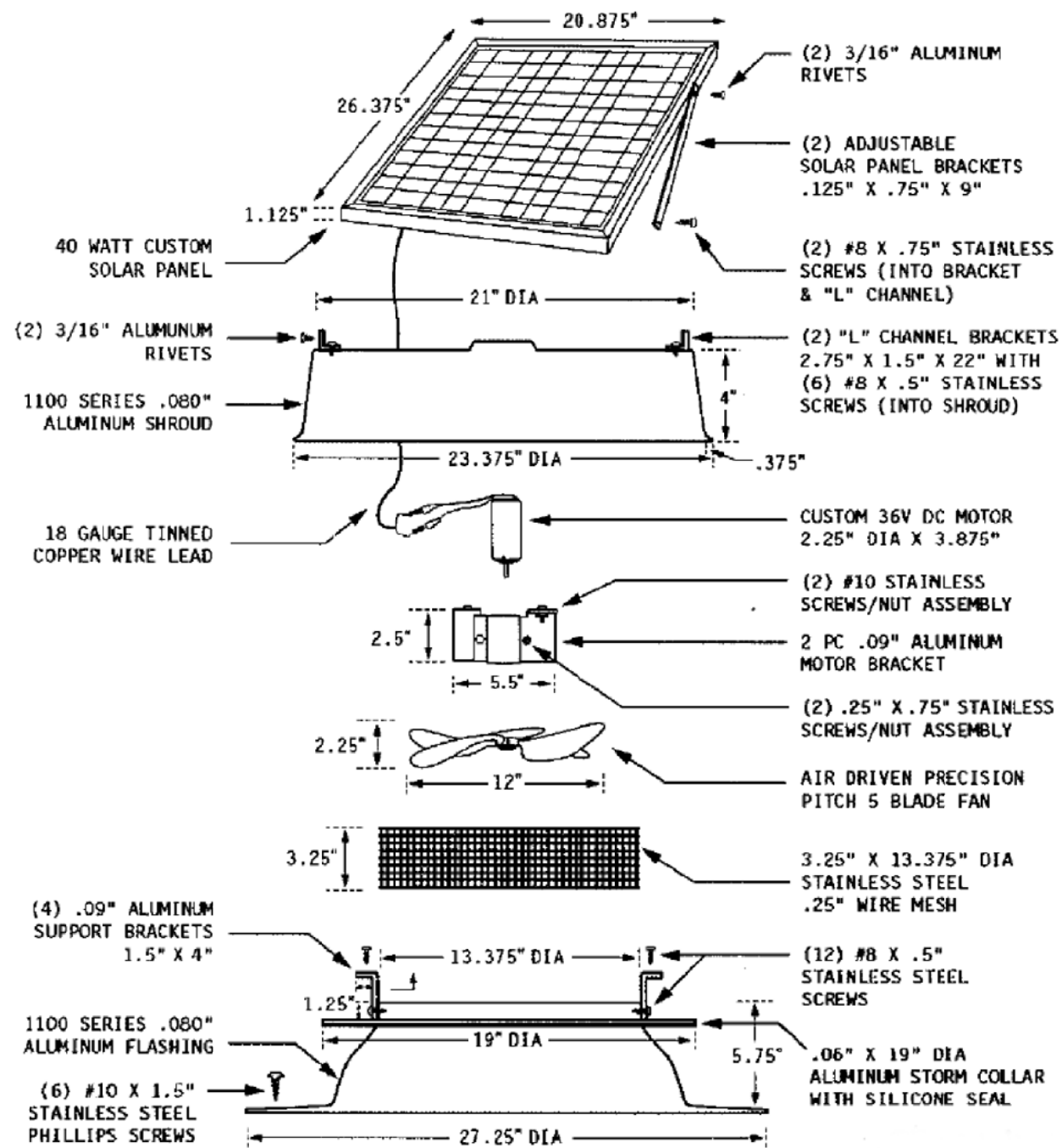
ROOF MOUNTED SOLAR ATTIC FAN
GENERAL AND INSTALLATION NOTES

DRAWN BY: SMC
SCALE: N.T.S.
DATE: 02/02/10
DRAWING NO.: NLS0004
SHEET: 1 OF 2

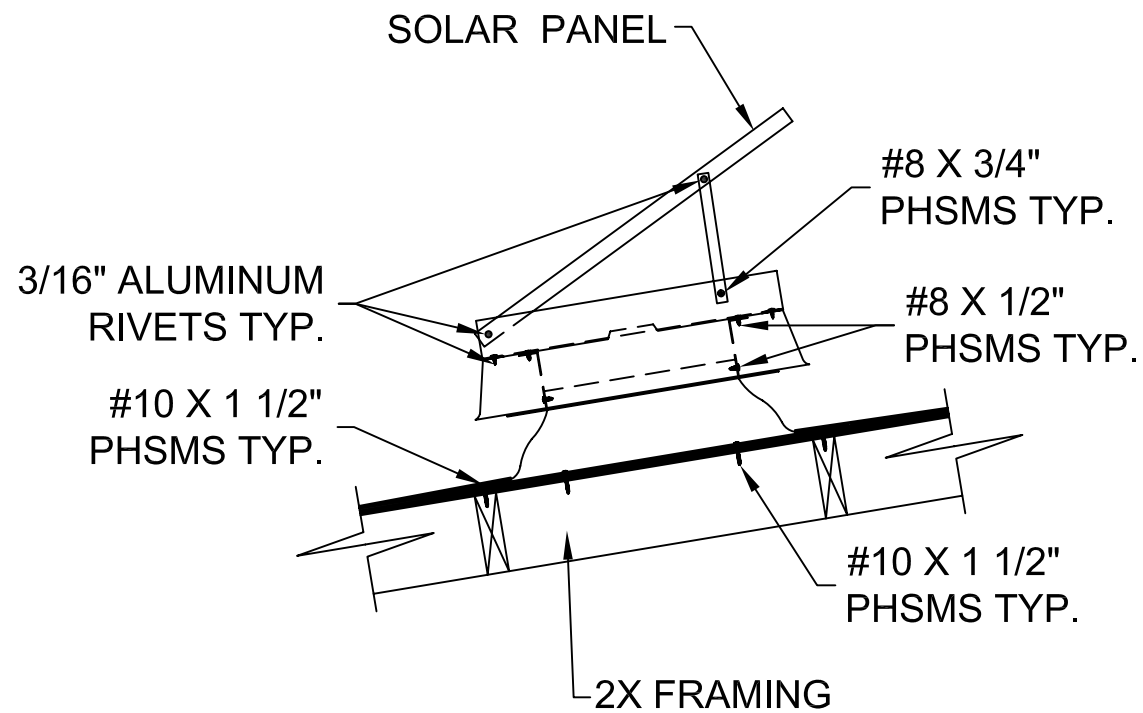
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ELEVATION



PROFILE

PROJECT #310-0101

NATURAL LIGHT ENERGY SYSTEMS
 10821 N. 23RD AVENUE
 PHOENIX, AZ 85029

TITLE: ROOF MOUNTED SOLAR ATTIC FAN COMPONENTS

DATE:	02/02/10
DRAWING NO.:	NLS0004
SCALE:	N.T.S.
SHEET:	2 OF 2
PREPARED BY:	SMC
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