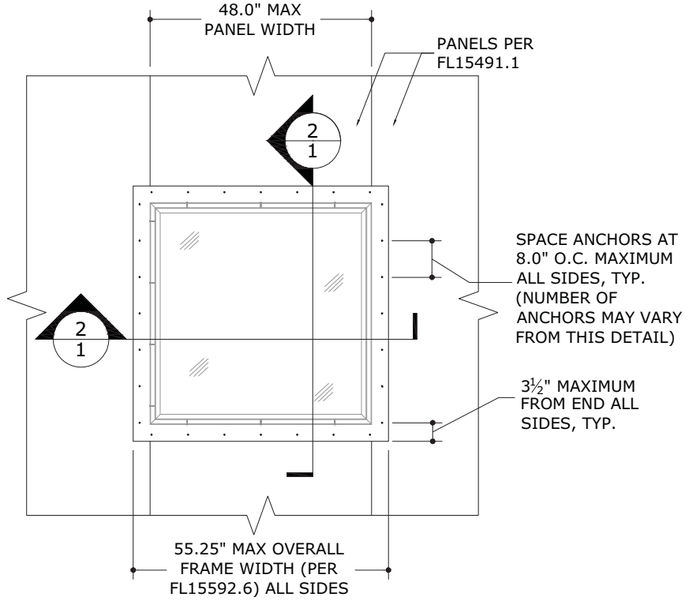
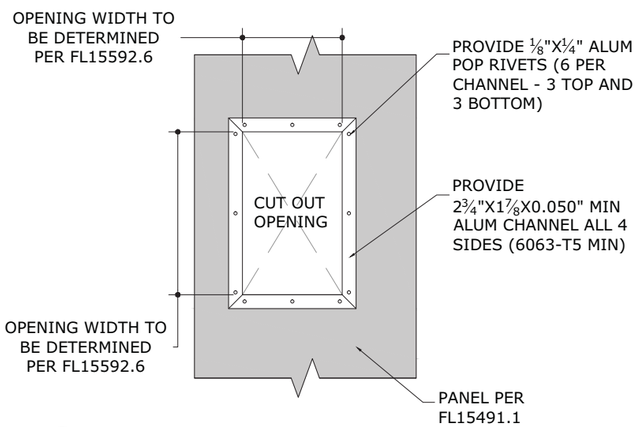
SKYLIGHT TO EPS PANEL ATTACHMENT

MASTER PLAN SHEET



1/1 SKYLIGHT TO PANEL

SCALE: NTS — PLAN VIEW



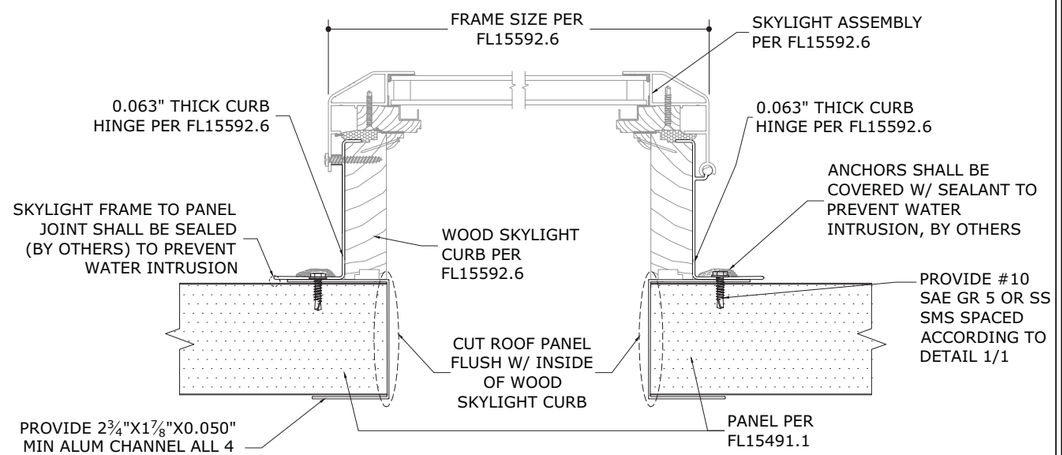
3/1 CHANNEL CUT OUT CONNECTION

SCALE: NTS — PLAN VIEW

SCOPE: THIS MASTER PLAN SHEET IS INTENDED TO CERTIFY THE ATTACHMENT OF THE KENNEDY SKYLIGHT (FLORIDA STATEWIDE APPROVAL FL15592.6) TO THE STRUCTALL EPS FOAM CORE ROOF PANELS (FLORIDA STATEWIDE APPROVAL FL15491.1) FOR STATIC WIND LOADING ONLY. THIS DRAWING DOES NOT CERTIFY IMPACT RESISTANCE OR WATER INFILTRATION UNDER ANY CIRCUMSTANCE.

DESIGN PRESSURE NOTE: THE MAXIMUM SKYLIGHT DESIGN PRESSURES SHALL NOT EXCEED ±60PSF (PER FL15592.6) AND THE MAXIMUM ROOF PANEL DESIGN PRESSURES SHALL BE PER FL15491.1. ALL PRESSURE REQUIREMENTS SHALL BE FOUND ON A SITE SPECIFIC BASIS PER SEPARATE ENGINEERING

LIMITATIONS: SKYLIGHT FRAME SIZE MAY VARY ACCORDING TO THE LISTED PRODUCT APPROVAL. PANEL CUTOUTS SHALL NOT EXTEND INTO ADJACENT ROOF PANELS.



2/1 SKYLIGHT TO PANEL

SCALE: NTS — SECTION VIEW

GENERAL NOTES:

1. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE. SITE-SPECIFIC PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-10 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE FIFTH EDITION (2014) SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
2. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS CONTAINED HEREIN.
3. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY BUT MUST REMAIN WITHIN 5% OF THE INTENDED DESIGN. CONTRACTOR IS TO VERIFY ALL FIELD DIMENSIONS PRIOR TO INSTALLATION.
4. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
5. ALL FASTENERS TO BE #10 OR GREATER 18-8 SERIES 316 NON-MAGNETIC STAINLESS STEEL, CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.1 BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
6. ENGINEER SEAL AFFIXED HERE TO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
7. THESE PLANS CERTIFY THE STRUCTURAL ADEQUACY OF THE PROPOSED SYSTEM IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE BUILDING CODE ONLY. WE OFFER NO CERTIFICATION NOR REVIEW THAT THE PROPOSED UNITS MEET ANY EGRESS REQUIREMENTS. ALL EGRESS ISSUES ARE TO BE ADDRESSED BY THE PERMITTING CONTRACTOR AND THE LOCAL BUILDING OFFICIAL.
8. THIS DOCUMENT IS GENERIC AND DOES NOT PERTAIN TO ANY SPECIFIC PROJECT SITE. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.
9. FOR ALUMINUM ATTACHMENTS ALL ANCHORS SHALL BE SPACED WITH 2xDIAMETER END DISTANCE AND 2.5xDIAMETER MIN SPACING TO ADJACENT ANCHORS, UNLESS NOTED OTHERWISE.
10. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

FRANK L. BENNARDO, P.E.
PE# 0046549

04/05/2017

IF CHECKED, CERTIFYING P.E. APPEARS BELOW
FRANK L. BENNARDO, P.E.
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KENNEDY SKYLIGHT TO STRUCTALL EPS ROOF PANELS
MASTER PLAN SHEET
FLORIDA BUILDING CODE FIFTH EDITION (2014)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RWN	FLB	03/30/17
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SCALE: N.T.S.

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