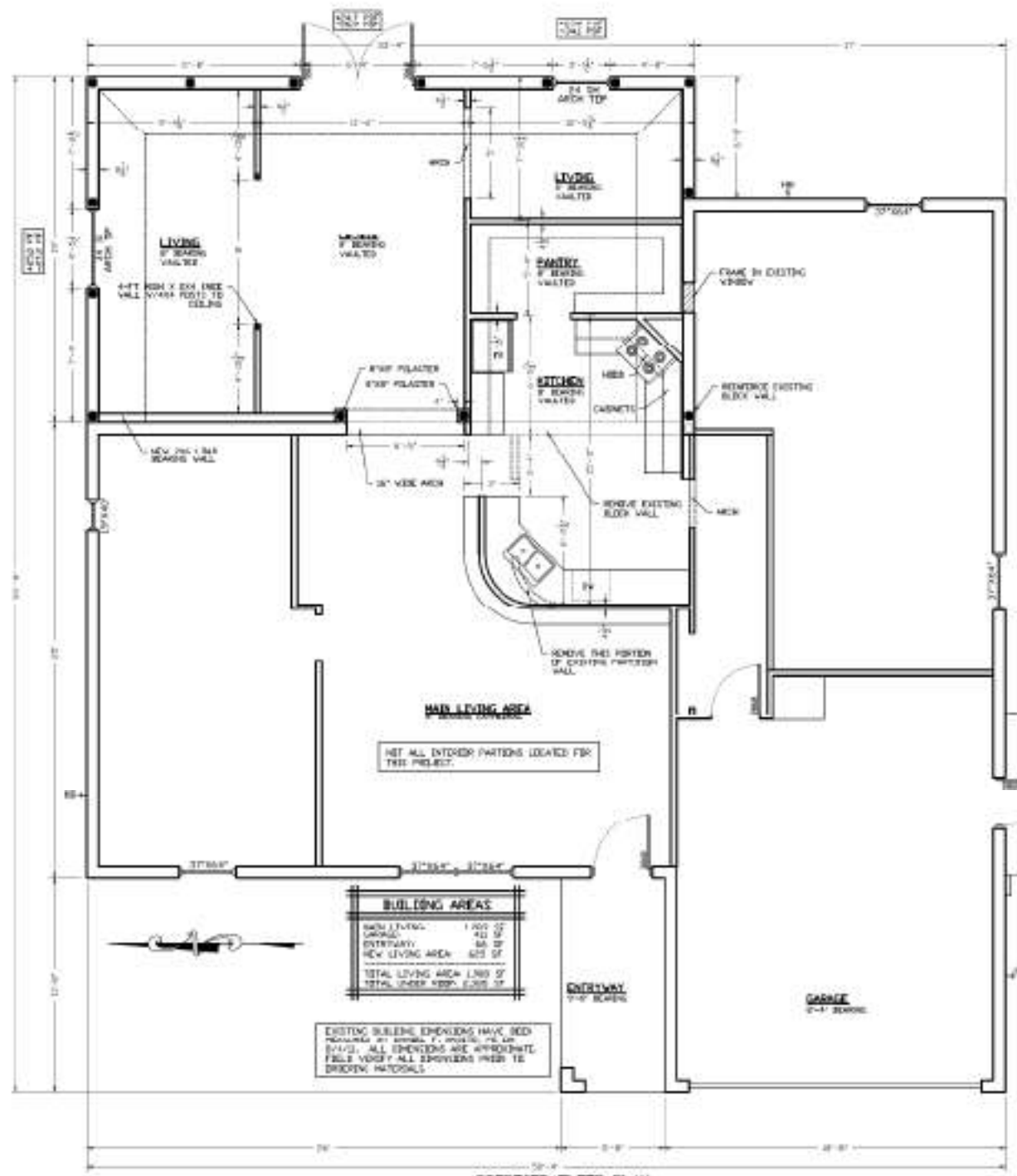


Daniel F. Ardito, P.E.
Florida PE# 35804

SHEET	1	OF 3
JOB NAME:	BUILDING ADDITION CITRUS COUNTY, FL	
SHEET TITLE:	EXISTING BUILDING	
DATE:	8/18/11	DRAWN BY: JSA
DATE:	8/18/11	JOB NUMBER: 11-132
Daniel F. Ardito, P.E. Professional Engineer 3644 S. PLANKLIN PL. LEWISTON, FL 32041 (904) 462-4100		



DESIGN CRITERIA

THIS ADDITION HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE-2007 W/2009 SUPPLEMENTS.

WIND SPEED 121 MPH (3-SEC GUST)
 IMPORTANCE FACTOR 1.00
 WIND EXPOSURE 3
 ROOF LIVE LOAD 16 PSF
 INTERNAL PRESSURE COEFF. 0.18

NOTE:
 BUILDER IS RESPONSIBLE FOR DETERMINING ROOM SIZES FOR EXISTING VENTILATION AND ROOM SIZES FOR MANUFACTURED SLEEPING BAGS. BUILDER IS ALSO RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF CITRUS COUNTY. WITHIN THE WALL A NUMBER OF 4 FROM LOCATION IS INDICATED IN PLAN TO OBTAIN ROOM SIZES. SEE DRAWING 21-1.

ENTER THE WALLS 3/4" FURRING, BR/VAL, & REED INSULATION PARTITION.
 1/2" BR/VAL
 1/2" BR/VAL WITH-2

121 MPH (3-SEC GUST)

COMPONENT AND CLADDING PRESSURE ZONES	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
100 SF	15.00	15.00	15.00	15.00	15.00
100 SF	15.00	15.00	15.00	15.00	15.00
100 SF	15.00	15.00	15.00	15.00	15.00
100 SF	15.00	15.00	15.00	15.00	15.00

TAPCON SCREW ANCHORS WINDOW AND DOOR BUCK STRIP ANCHORS

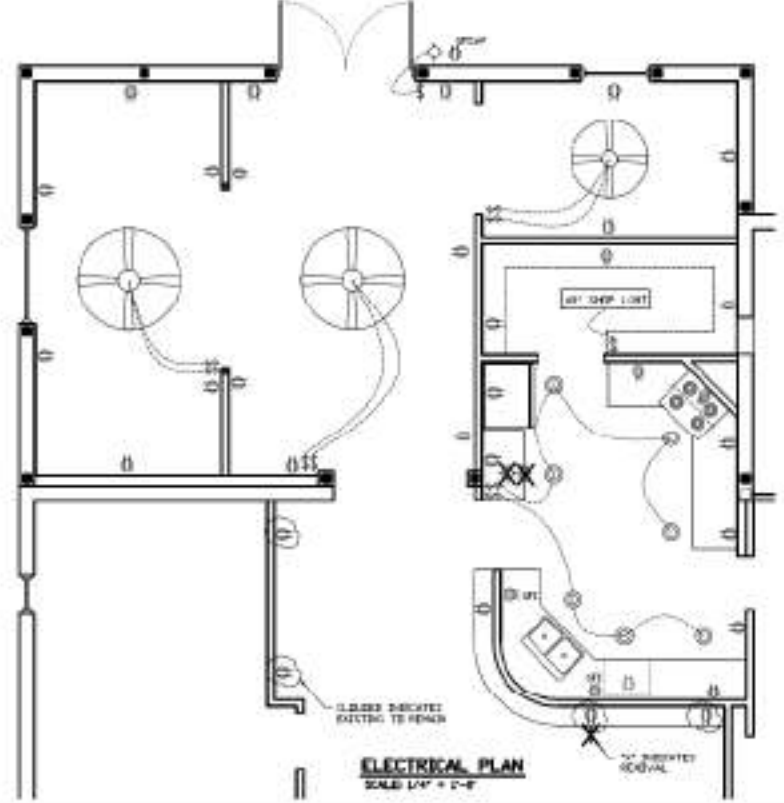
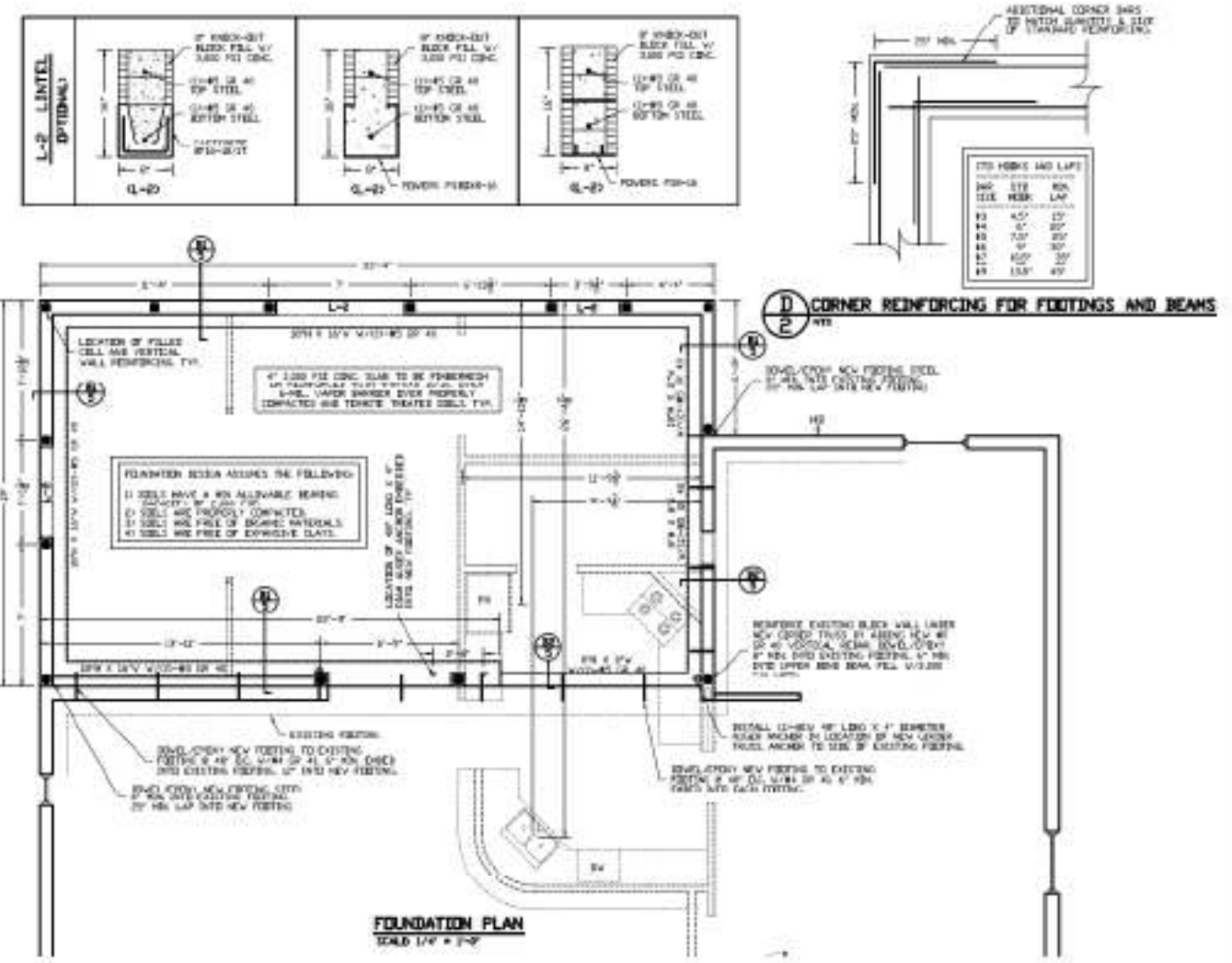
- BUCK STRIPS ARE TO BE CONTIGUOUS 1 PIECE MEMBERS ON THE TOP AND SIDES OF OPENINGS. LEGS OF 3/16" PRECASTER TREATED ANCHORS.
- WHEN BUCK STRIPS ARE 2" OR MORE THICK, THE WINDOW/DOOR SHALL BE ATTACHED DIRECTLY TO THE CONCRETE WITH THE MAIN FRAME OR BY JAMB CLIP OR SUPPORT SYSTEM IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. STRUCTURAL ANCHORS SHALL BE FASTENED DIRECTLY INTO THE CONCRETE WITH ANCHORS.
- WHEN THE BUCK THICKNESS IS 1" OR GREATER, THE BUCK SHALL BE SECURELY ANCHORED TO TRANSFER LOAD TO THE CONCRETE THROUGH ANCHORS AS LISTED BELOW.
- ANCHOR BUCKS TO MOUNT WITH 3/4" ANCHOR/STRIP THROUGHT AT SPACING INDICATED BELOW BASED ON TOTAL SIZE OF WINDOW/DOOR OPENING.
- INSTALL TAPCON SCREWS FOR MANUFACTURER'S SLEEPING BAGS/TENTER CURVES TO SHAG - DO NOT OVERDRIVE. MINIMUM EMBEDMENT INTO CONCRETE 2 1/4".
- ANCHOR SPACING IS FOR WINDOW OR DOOR BUCK STRIPS AT THE TOP AND SIDES OF OPENINGS. THE SHAG IS TO BE FASTENED TO THE MANUFACTURER'S SLEEPING BAGS/TENTER CURVES. EQUALLY SPACE ALL ANCHORS.
- MANUFACTURER'S SPECIFICATIONS SUPERSEDE THESE TABLES AS INDICATED.

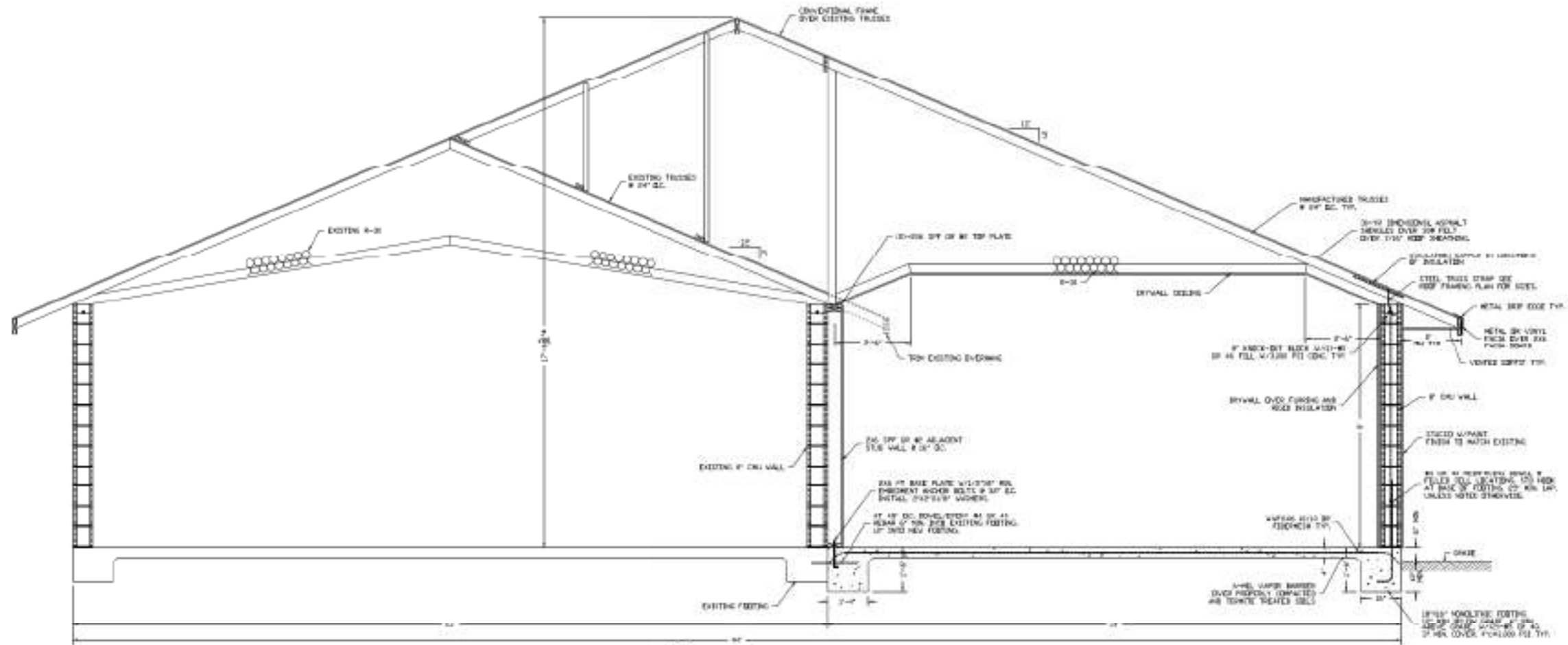
WINDOW OPENING WIDTH	ANCHOR SPACING	TAPCON SCREW ANCHOR
1'-0"	2'-0"	1/2" DIA.
1'-0"	2'-0"	3/8" DIA.
1'-0"	2'-0"	1/2" DIA.
1'-0"	2'-0"	3/8" DIA.

8. PROVIDE ANCHOR 12-TAPCON SCREWS INTO EACH BUCK STRIP.

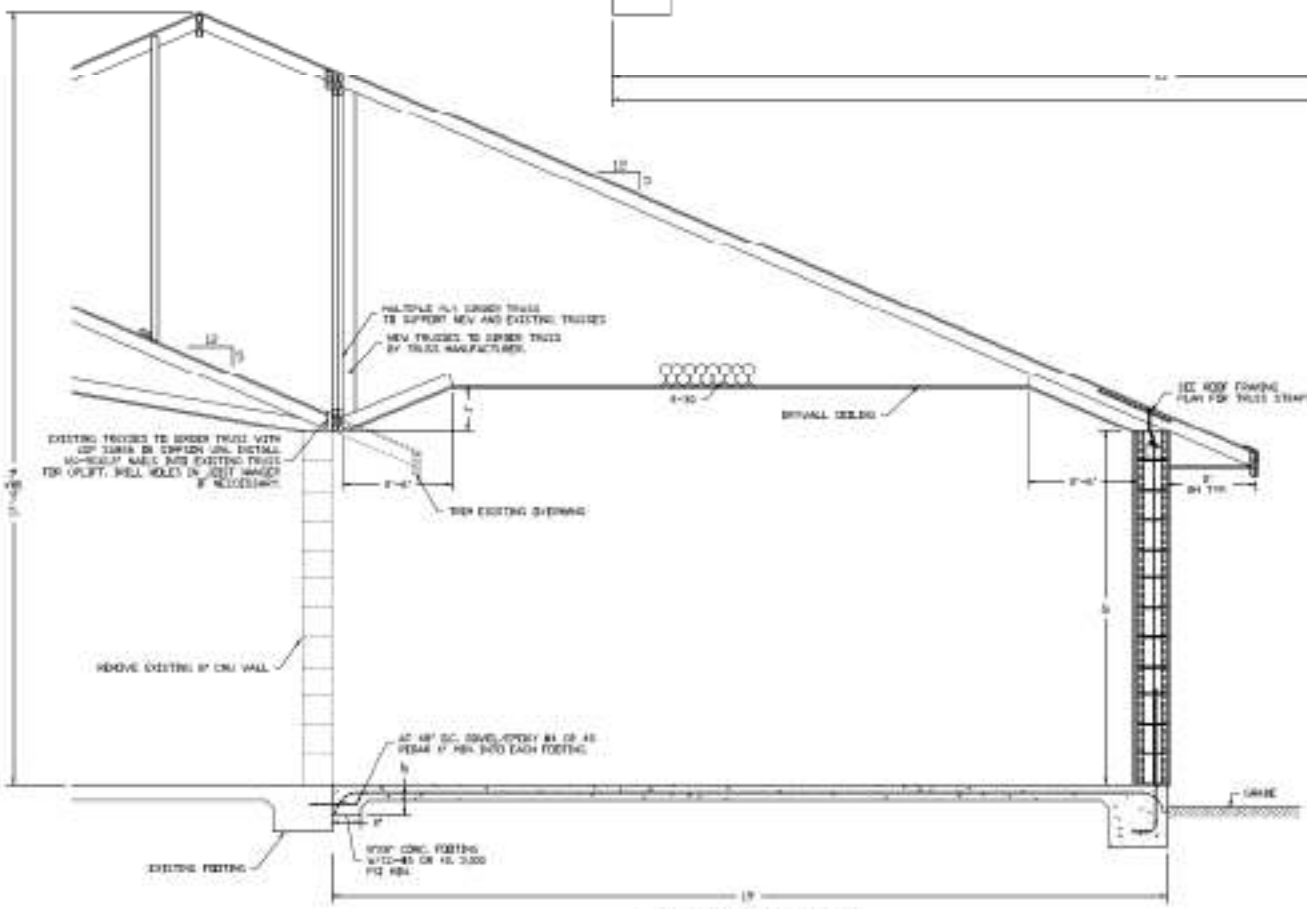
WINDOW AND DOOR FASTENING FBC-2007 NOTES

- ALL EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED IN ACCORDANCE WITH FBC-2007 FLORIDA BUILDING STANDARDS AND BEAR AN APPROVED VISION LABEL INDICATING MANUFACTURED PERFORMANCE AND APPROVED PRODUCT TESTING ENTITY, IN ACCORDANCE WITH FBC-2007 SECTION 704.1.2.
- ALL EXTERIOR DOORS AND VENTILATORS SHALL BE ANCHORED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS IN ACCORDANCE WITH FBC-2007 (704.1.2).
- GLASSING AND WINDOW GLAZING TO BUCK STRIPS SHALL BE FASTENED THROUGH THE JAMB TO THE STRUCTURAL SUBSTRATE IN ACCORDANCE WITH FBC-2007 (704.1.2).
- WINDOWS AND DOOR JAMBS ASSEMBLIES SHALL BE TESTED AND TESTED BY TRANSMITTED TO THE SUBSTRATE IN ACCORDANCE WITH FBC-2007 (704.1.2).

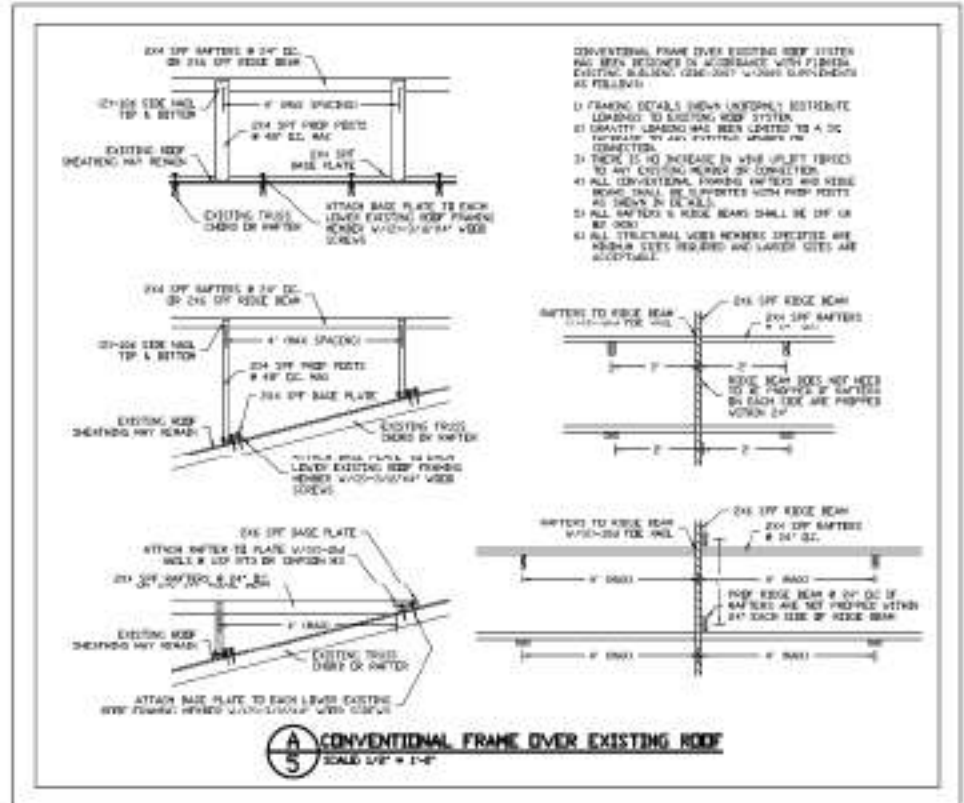




B BUILDING SECTION
SCALE 1/2" = 1'-0"



B BUILDING SECTION
SCALE 1/2" = 1'-0"



A CONVENTIONAL FRAME OVER EXISTING ROOF
SCALE 1/2" = 1'-0"

DATE: 8/18/11
DRAWN BY: JSA
JOB NUMBER: 11-028

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SHEET TITLE: BUILDING ADDITION
CITRUS COUNTY, FL

JOB NAME: BUILDING ADDITION
CITRUS COUNTY, FL

SHEET 5 OF 5

Daniel F. Ardito, P.E.
Florida Prof. Seal