

ROOF & SOFFIT VENTILATION CALCULATIONS:
 FBC-R 306.2 REQUIRES THAT OFF RIDGE VENTS AND SOFFIT VENTS BE EQUALLY DISTRIBUTED.
 1. 1:150 REQUIRES 1 S/F OF VENTILATION FOR EVERY S.F. OF ATTIC SPACE.
 2. TOTAL AREA OF ATTIC TO BE VENTILATED = 96 S.F.
 3. TOTAL FREE AREA OF VENTILATION REQUIRED FOR ATTIC = 96 S.F./150 = 0.64 S.F.
 4. CONVERT SQUARE FEET INTO SQUARE INCHES = 0.64 S.F. X 144 = 92.16 SQ. INCHES
 5. LOCATION OF VENTS = 50% OFF-RIDGE ROOF VENTS = 92.16 X 0.50 = 46.08 SQ. INCHES AND SOFFIT/EAVE = 92.16 X 0.50 = 46.08 SQ. INCHES
 6. TOTAL SOFFIT VENTILATION AREA REQUIRED = AREA OF SOFFIT AVAILABLE FOR VENTILATION: 28 L.F. X 1.33 FT = 37.24 SQ.FT. VENTILATION AREA REQUIRED PER SQ.FT. OF SOFFIT = 92.16 SQ.IN./37.24 SQ. FT. = 0.864 SQ.IN./L.F.
 7. OFF-RIDGE VENTS = 92.16 SQ. IN./35 SQ.IN = 2.64 L.F OF OFF-RIDGE VENTS = one - FOUR FOOT OFF-RIDGE VENTS PER PLAN

ROOF NOTES:
 FASCIA: MATCH EXISTING
 EAVE OVERHANG: MATCH EXISTING
 SOFFITS: MATCH EXISTING
 SHINGLES: FIBERGLASS TO MATCH EXISTING
 ROOF PITCH: 8/12-FIELD ADJUST
 CONVENTIONALLY FRAMED ROOF AREA W/STANDARD HEELS TO ALLOW FIELD ADJUSTMENT
 VENTS: OFFRIDGE TYPE ONE-4 FOOTER
 NOTE: EVERY ATTEMPT WILL BE MADE TO MATCH EXISTING ITEMS BUT CANNOT GUARANTEE A PRECISE MATCH

BUBBLED AREA DENOTES NEW BATH & CLOSET ADDITION

CONVENTIONALLY FRAMED ROOF DEKED W/1/2" OSB SHEATHING AND FIBERGLASS SHINGLES OVER 15# FELT AND CEILING JOISTS PER ENGINEERS DETAILS

4' OFF-RIDGE VENT

R-30 FIBERGLASS INSULATION

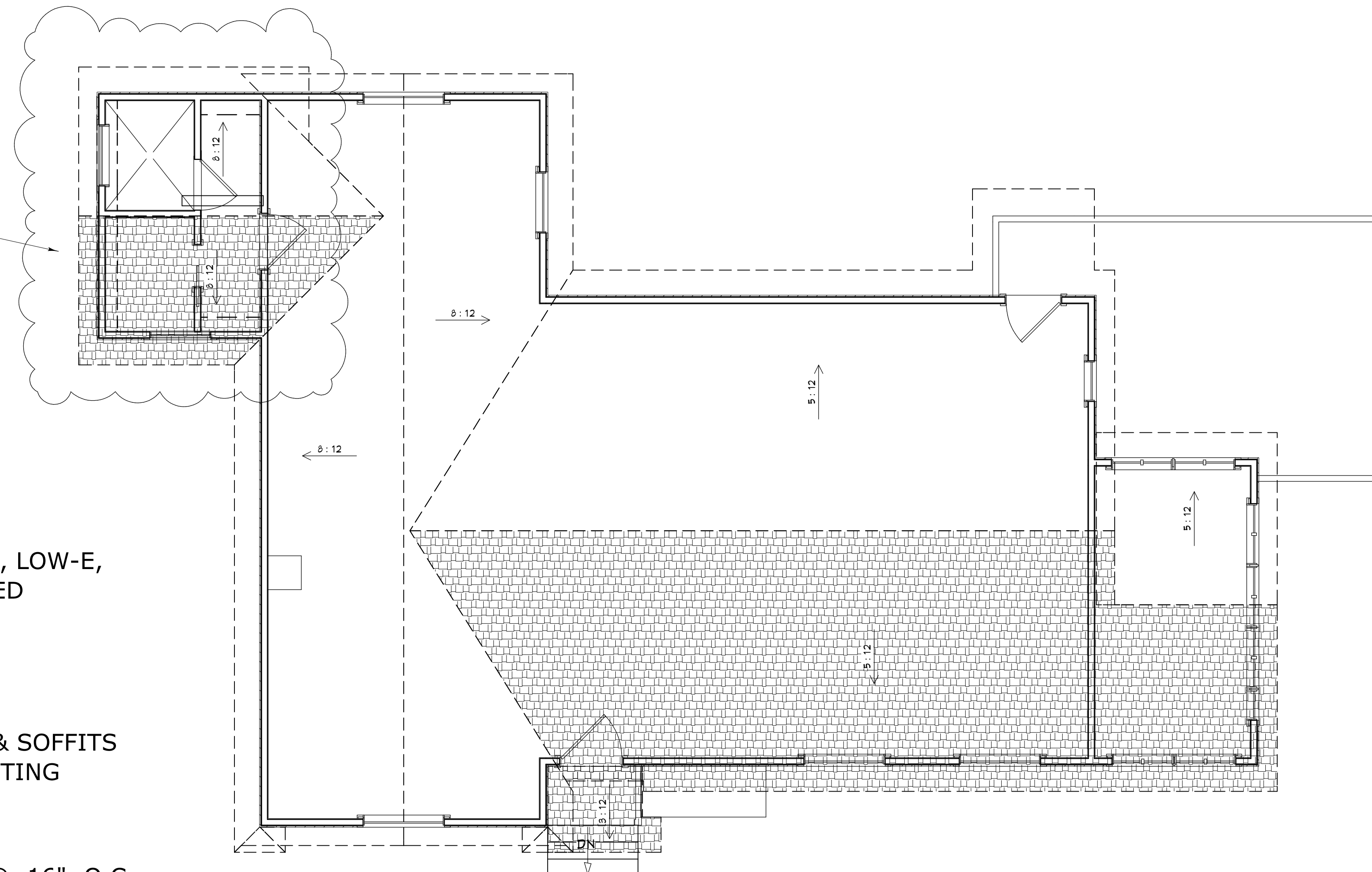
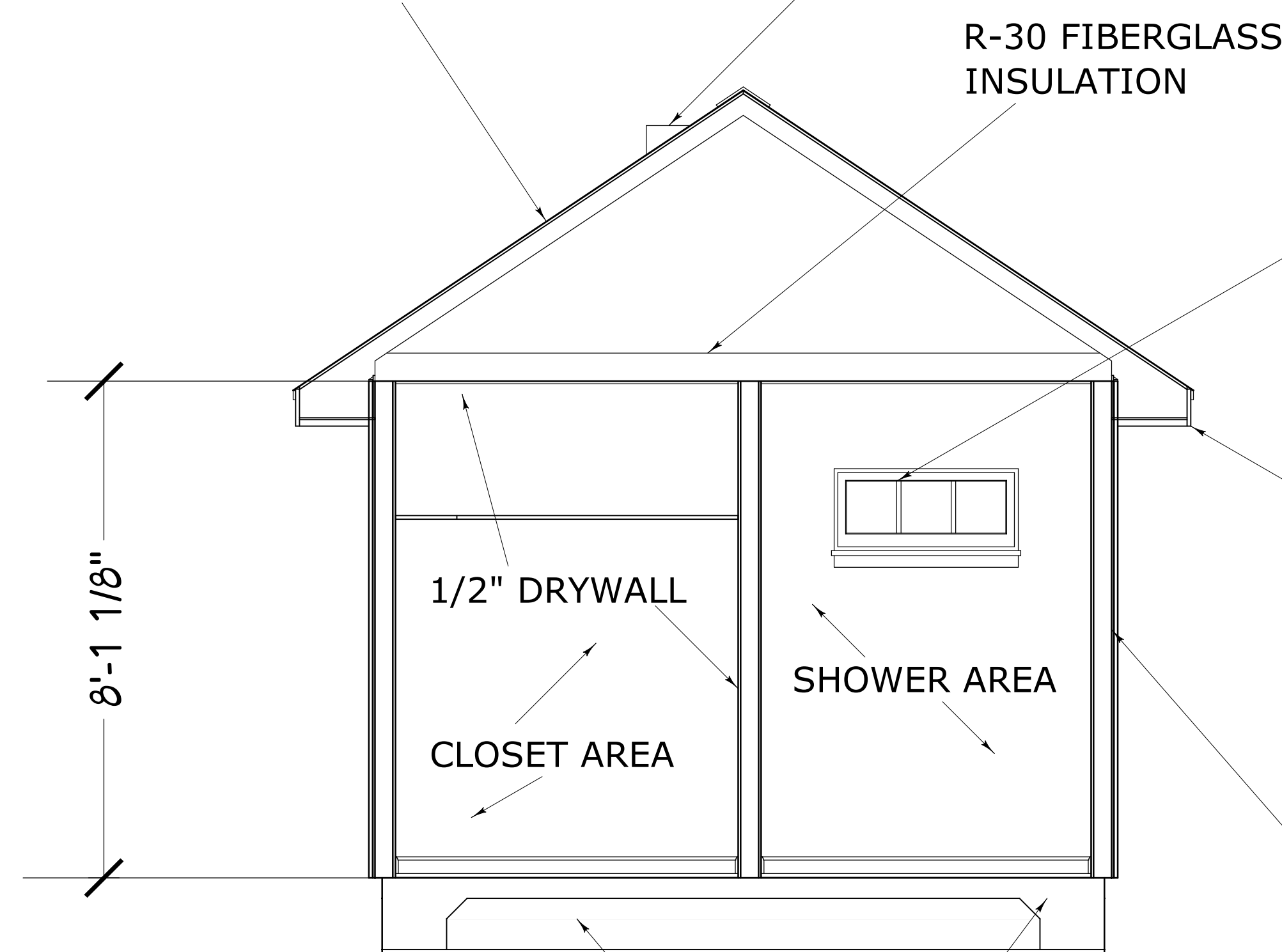
VINYL WINDOW, LOW-E, FIXED, TEMPERED

WOOD FASCIA & SOFFITS TO MATCH EXISTING

2X4 #2SPF @ 16" O.C. SHEETED WITH 1/2" OSB AND COVERED WITH HORIZONTAL SIDING, INSULATED W/R-13 FIBERGLASS BATTS

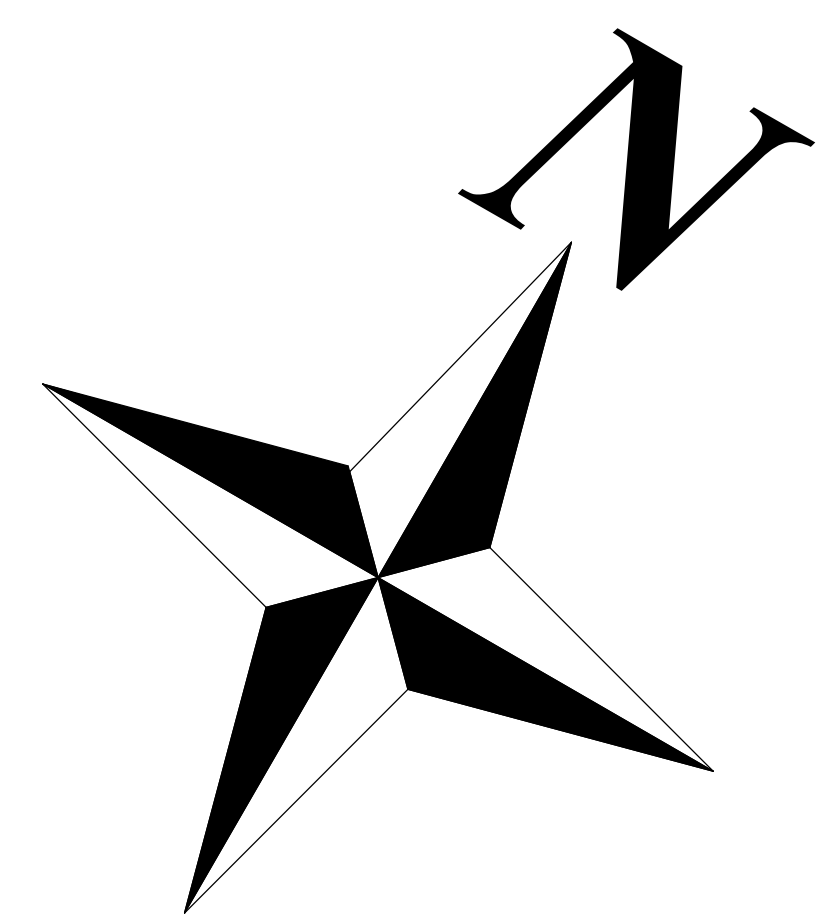
4" MONOLITHIC SLAB W/FIBERMESH OVER COMPACTED FILL WITH INTEGRAL 12"X20" INTEGRATED MONOLITHIC FOOTER W/2-#5 RODS CONTINUOUS ON CHAIRS @ 6'-0" O.C. (ENGINEERE'S DETAILS TAKE PRECEDENCE)

SCALE: 1/2" = 1'-0"



INSULATION NOTES:
 WALLS: R-13 FIBERGLASS BATTS
 ATTICS: R-38 BLOWN FIBERGLASS
 KNEEWALLS: R-19 FIBERGLASS BATTS

CONTRACT NOTE: CONTRACT AND SPECIFICATIONS TAKE PRECEDENCE OVER THESE DRAWINGS. ANY CONFLICT WILL DEFAULT TO SAID DOCUMENTS.



PROPOSED ROOF & SECTION PLAN

REVISED: 1/4/2017

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PLAN # 3805	CLIENT APPROVAL SIGNATURE ALEXIS RICHEY	DATE
Bracey BUILDING CONTRACTORS		
BUILT BY: CBC1251050	CELL: 904-237-3433	PROJECT DESCRIPTION: RICHEY/HARVIN FAMILY ADDITION 3805 HOLLINGSWORTH STREET JACKSONVILLE, FL 32205 R/E #: 093244-0000
DESIGNS FOR LIVING RESIDENTIAL DESIGN SINCE 1989 904-730-7135		
Design Drawings provided by:	DATE: 12/21/2016	SHEET: A-9
SCALE: 1/4" = 1'-0"		