ROOF PLAN
1/4" = 1'-0"

0 2 6 12

NOTES

1. TOTAL ROOF AREA 1 = 140 SQ. FEET (INCLUDING OVERHANGS)
   TOTAL REQUIRED CLEAR FREE AREA AT RIDGE VENT = 0.23 SQ. FEET
   TOTAL REQUIRED CLEAR FREE AREA AT SOFFIT VENT = 0.23 SQ. FEET

   TOTAL ROOF AREA 2 = 2149 SQ. FEET (INCLUDING OVERHANGS)
   TOTAL REQUIRED CLEAR FREE AREA AT RIDGE VENT = 3.58 SQ. FEET
   TOTAL REQUIRED CLEAR FREE AREA AT SOFFIT VENT = 3.58 SQ. FEET

   TOTAL ROOF AREA 3 = 1008 SQ. FEET (INCLUDING OVERHANGS)
   TOTAL REQUIRED CLEAR FREE AREA AT RIDGE VENT = 1.68 SQ. FEET
   TOTAL REQUIRED CLEAR FREE AREA AT SOFFIT VENT = 1.68 SQ. FEET

   TOTAL ROOF AREA 4 = 300 SQ. FEET (INCLUDING OVERHANGS)
   TOTAL REQUIRED CLEAR FREE AREA AT RIDGE VENT = 0.50 SQ. FEET
   TOTAL REQUIRED CLEAR FREE AREA AT SOFFIT VENT = 0.50 SQ. FEET

- CALCULATIONS BASED ON 4 MIL POLYETHYLENE VAPOR BARRIER WITH TAPED SEAMS ON WARM SIDE OF CEILINGS BELOW INSULATION, TYP.
- IF VENTILATION CLEAR AREA REQUIREMENTS CAN NOT BE ACCOMPLISHED WITH PASSIVE RIDGE AND SOFFIT SYSTEMS, THEN MECHANICAL VENTILATION DEVICES MUST BE INSTALLED TO MEET THE VENTILATION MINIMUM CLEAR AREAS AS INDICATED.

2. ICE & WATER SHIELD MEMBRANE BASED ON "W.R. GRACE ULTRA" ROOFING UNDERLAYMENT
3. PROVIDE INSECT SCREEN ON ALL RIDGE AND SOFFIT VENTS AS REQUIRED (FOLLOW MFGR RECOMMENDATIONS)
4. ROOF SHINGLES ARE BASED ON CERTAINTEED LANDMARK PREMIUM, TWO PIECE LAMINATED FIBERGLASS BASED SHINGLE. 300 LBS PER SQUARE, CLASS A FIRE RESISTANCE, 15 YEAR–110 MPH LIMITED HIGH WIND WARRANTY, FASTEN SHINGLES FOR HIGH WIND APPLICATION – FOLLOW MANUFACTURERS RECOMMENDATIONS.
5. SOFFIT VENTS ARE BASED ON CERTAINTEED PERIMETER TRIPLE 3–1/3 VINYL VENTILATED SOFFIT. 9.65 SQ. IN. [0.06 SQ FT] NET FREE AREA PER SQ. FT. OWNER SELECT COLOR.
6. RIDGE VENTS BASED ON COR–A–VENT V–600 RIDGE VENTILATION SYSTEM. 1" HIGH LOW PROFILE. 20 SQ. INCHES [0.13 SQ. FT.] NET FREE AREA PER LINEAL FT.

RESURGAM. MAINE. CITY OF PORTLAND
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/27/16

REGISTERED ARCHITECT JOHN H. LEASURE No. 310 STATE OF MAINE

REV.	DATE	STATUS
0	3-28-16	PERMIT SUBMISSION

JOHN H. LEASURE ARCHITECT, INC.
6 Q STREET
SOUTH PORTLAND, MAINE 04106

MICHAEL & MARY ANN JIMINO RESIDENCE
1637 WASHINGTON AVENUE
PORTLAND, MAINE

ROOF PLAN

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