
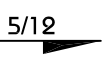


Legend

 EYEBROW VENT (APPROXIMATE LOCATION)
 ROOF SLOPE AND DIRECTION

work notes

- ROOFING : CONCRETE TILES
MANUFACTURER : MONIER LETILE
MODEL : SHANE MIDGRA
COLOR : RUTUNN UICOD, 1MDCL3002
- PROVIDE CROSS-VENTING OPENINGS OF 1/150 ATTIC AREA COVER WITH 26 GA. GALV. 1/4" MESH) TYPICAL AT NEW ROOF (PER UBC 1505.3).
- INSTALL ROOF MOUNT TAMPAARCH WHOLE HOUSE FAN MODEL # TC1000H
- INSTALL SOLAR AIR HEATER, MANUF: YOUR SOLAR HOME INC. MODEL 1023 SOLAR SHEET 2-PACK (86" X 87")
- VELUX OPERABLE SKYLIGHT
- VENT PLUMBING & FLUES 10' FROM OPERABLE SKYLIGHTS TYP.
- INSTALL EYEBROW VENTS IN LOCATIONS SHOWN TO MEET ATTIC VENTILATION REQUIREMENTS (SEE ROOF FRAMING PLAN FOR CALCULATIONS)

general notes

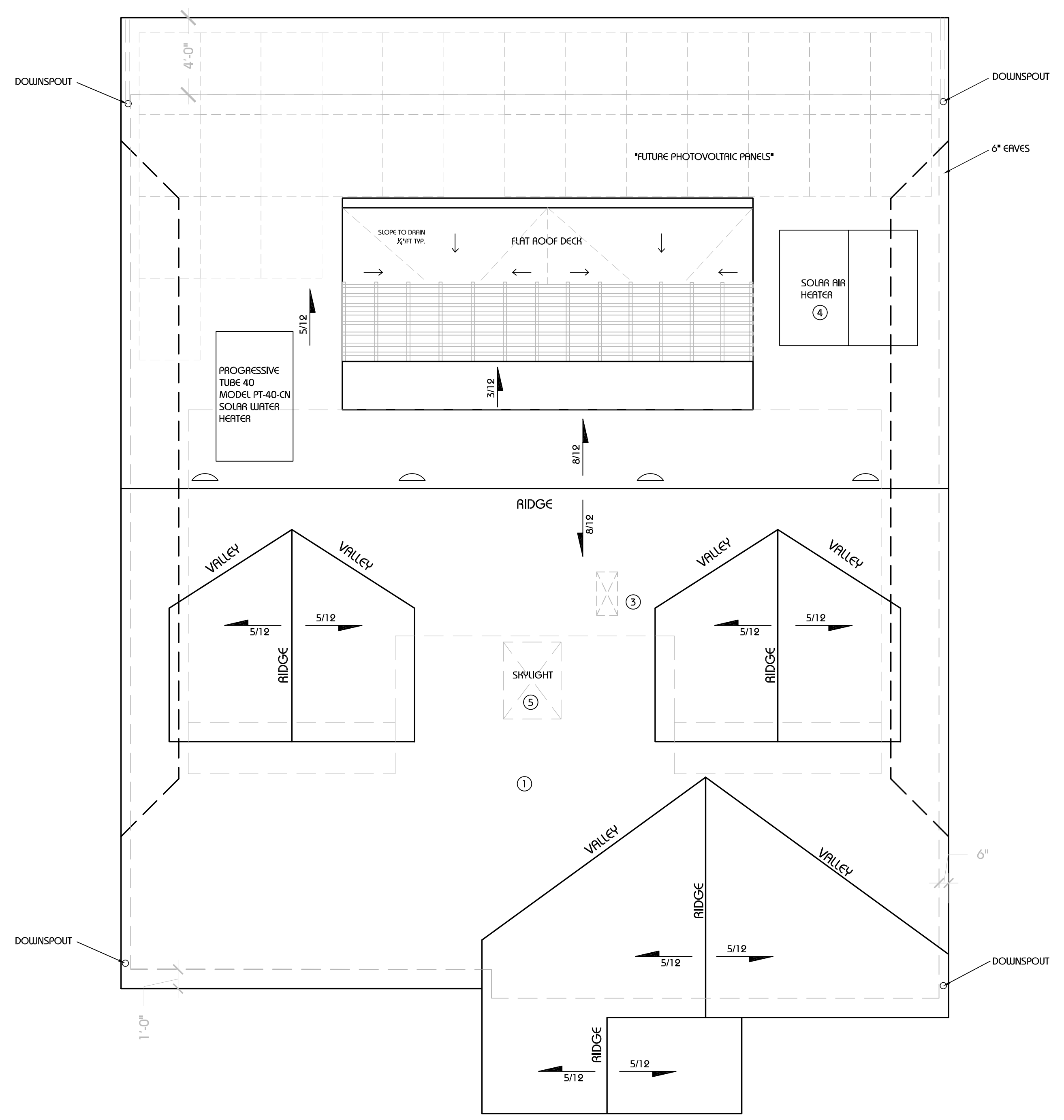
- SLOPED GLAZING AND SKYLIGHTS SHALL BE DESIGNED TO WITHSTAND THE TRIBUTARY LOADS AS SPECIFIED IN UBC 1605.
- CONSTRUCTION OF SKYLIGHT GLAZING SYSTEM TO MEET REQUIREMENTS OF UBC 2403 AND 2603.

VENTILATION CALCULATION FOR EACH RAFTER BAY

LONGEST RAFTER BAY = 1'-10" X 25'-0"
 = (22" X 300")
 = 45.83 SQ. FT.
 VENTILATION REQUIRED = (1SQ. FT. PER 300 SQ. FT.) = 45.83/300
 = .152 SQ. FT.
 VENTILATION REQUIRED FOR 10 RAFTER BAYS = 10 X .152 = 1.52 SQ. FT.

VENTILATION PROVIDED (RIDGE) = 2 X 3.14 = 6.28 $\frac{3}{4}$ in = .04 SQ. FT.
 VENTILATION PROVIDED (EAVE) = 9 X 14 = 9 $\frac{3}{4}$ in = .045 SQ. FT.
 VENTILATION PROVIDED FOR 10 RAFTER BAYS = 10 X 10 X 0.105 = 1.05 sq. ft.
 VENTILATION PROVIDED (EYEBROW VENT) = 19 X 4 = 76 SQ. IN. = 0.52 SQ. FT.

TOTAL VENTILATION PROVIDED = 1.05 + 0.52 = 1.57 sq. ft.



ROOF PLAN

(DESIGNER) FOR VOX DESIGN GROUP INC.

0 2' 4' 8'


VOX
 DESIGN
 GROUP
 INC
 421 castro street
 mountain view
 CALIFORNIA 94041
 P: 650.954.2800
 F: 650.954.2805

(N) RESIDENCE, SINGLE FAMILY HOME
 JOHN WENDT & JOAN SVOBODA
 59 ELDORA DR
 MOUNTAIN VIEW, CA 94041

Rev	Description	Date
10	ISSUE FOR PERMITS	03/20/20
11	ISSUE FOR PERMITS	10/09/20

A4

ROOF PLAN