

VIP PRODUCTS  
GOODYEAR, AZ.  
ROOF PLAN

A-103  
40012.010  
25MAR21  
14MAY21

CITY CORRECTIONS/  
COORDINATION



CITY OF Goodyear Approved 07/01/21 21-2119 - VIP PRODUCTS

SCUPPER CALCULATIONS:

SCUPPERS SHALL HAVE A MINIMUM OPENING HEIGHT OF 6" (+2" FOR FLASHING AND SEALANT = 8"). R.O. SHALL BE 8" HIGH

SCUPPERS SHALL HAVE A MINIMUM OPENING WIDTH EQUAL TO THE CIRCUMFERENCE OF THE VERTICAL DRAIN LEADER FOR THE AREA SERVED. REQUIRED MINIMUM DRAIN SIZE = 6" DIAMETER (3.14 x 6 = 18.84"). ADD 2" FOR FLASHING AND SEALANT = 21.00" MIN. R.O.

DOWNSPOUT SHALL HAVE A MINIMUM CROSS SECTION AREA EQUAL TO OR LARGER THAN THE VERTICAL DRAIN LEADER FOR THE AREA SERVED. REQUIRED MINIMUM DRAIN SIZE = 6" DIAMETER, DOWNSPOUTS SHALL BE 8" SQUARE. SEE DETAIL 4/A106

SECONDARY (OVERFLOW) SCUPPER R.O. SHALL BE 6"h x 24"w. SEE DETAIL 2/A-106.

CLASS 'B' ROOFING NOTES:

1" SPRAY FOAM ROOFING WITH ACRYLIC ELASTOMERIC COATING W/ EMBEDDED GRANULES ON PANELIZED ROOF DECK - ICC EVALUATION REPORT #ESR-3392.

CRICKETS: MINIMUM SLOPE IS 1/4" PER FOOT MEASURED ALONG THE DIAGONAL AND FORMED WITH TAPERED RIGID INSULATION BELOW SPRAY FOAM ROOF SYSTEM.

CRICKETS



INDICATES CRICKET AS NEEDED BY ROOFING CONTRACTOR / MANUFACTURER.

MAINTAIN ROOF DRAINAGE, AND MINUM SLOPE OF 1/4" PER FOOT

ROOF INSULATION:

ROOF SIDE:

C.I.  
R-0.17 OUTSIDE AIR FILM  
R-6.67 1" URETHANE FOAM  
R-0.62 1/2" OSB  
INTERIOR:  
R-30.0 BATT INSULATION & WHITE SCRIM SHEET  
R-0.61 INT CEILING AIR FILM  
TOTAL R38.07  
I.E.C.C. REQUIRED: R-38

MECHANICAL UNIT NOTE:

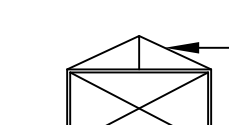
ALL ROOF MOUNTED MECHANICAL UNITS MUST BE SCREENED BY BUILDING PARAPET WALLS OR OTHER APPROVED MEANS.

SEE MECHANICAL AND PLUMBING DRAWINGS FOR MISC. SMALL ROOF EXHAUST FANS AND VENTS.

DEFINITIONS

B.O. DECK = BOTTOM OF ROOF DECK  
T.O. PARAPET = TOP OF PARAPET

SYMBOL



CRICKET BY ROOF INSTALLER  
DOUBLE DOME SKYLIGHTS PER DETAIL 5/A106, OR EQUAL

ROOF PLAN

SCALE: 1/16" = 1'-0"

