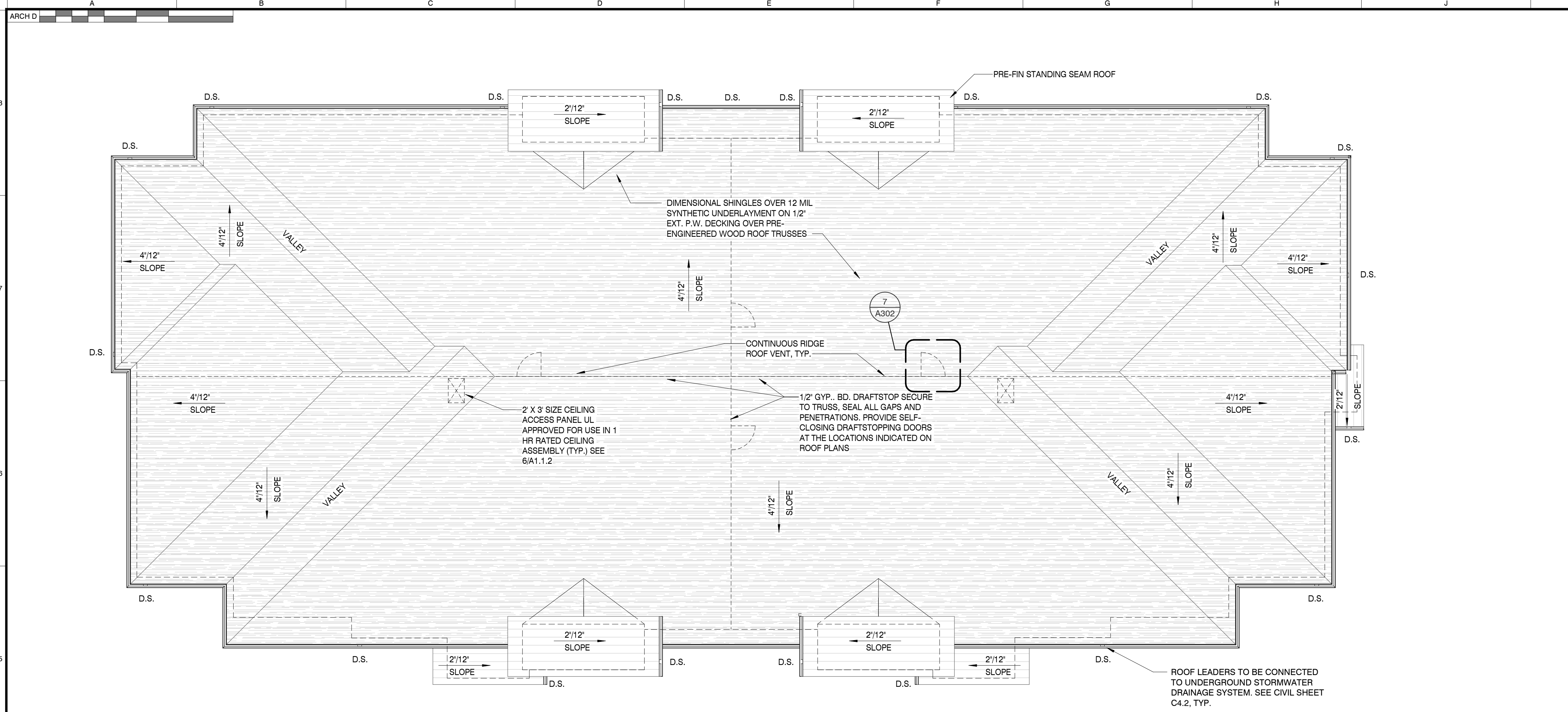


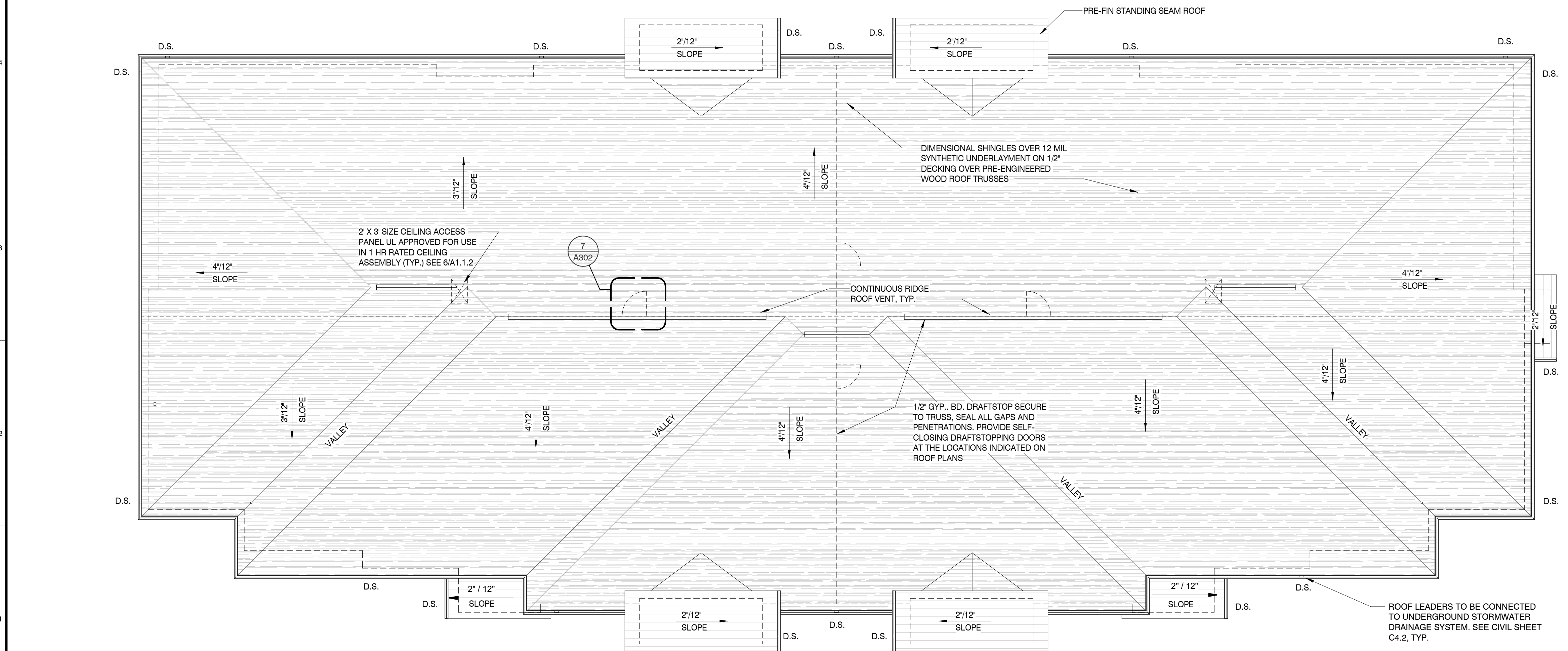
C:\Users\jg\Documents\150888_Annotation_safety.rvt
5/14/2019 9:46:11 AM



BUILDING TYPE 1 - ROOF PLAN

SCALE : 1/8" = 1'-0"

1



BUILDING TYPE 2 - ROOF PLAN

SCALE : 1/8" = 1'-0"

2

VENTILATION CALCULATIONS - TYPE 1

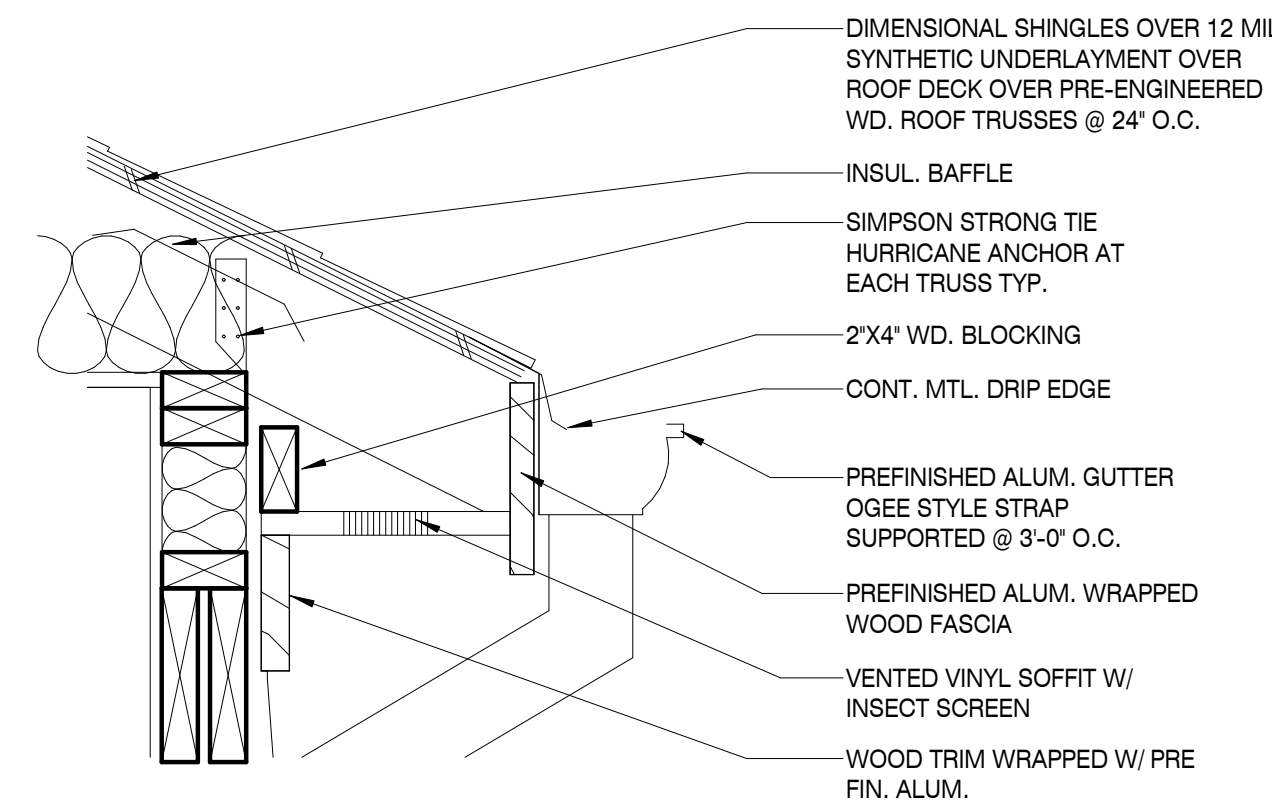
MIN. NET FREE VENTILATING AREA NOT LESS THAN 1/150 OF THE TOTAL AREA.
TOTAL AREA = 1,364,112 SQ. IN.

RIDGE VENTS - MIN. NET FREE AREA IS 18" SQ. IN. PER LINEAL FOOT
153 LINEAL FEET X 18 SQ. IN. = 2,754 SQ. IN.

SOFFIT - NET FREE AREA OF 5.9 SQ. IN. PER SQ. FT.
11,200 SQ. FT. X 5.9 SQ. IN. = 66,080 SQ. IN.

TOTAL FREE AREA = 68,834 SQ. IN.

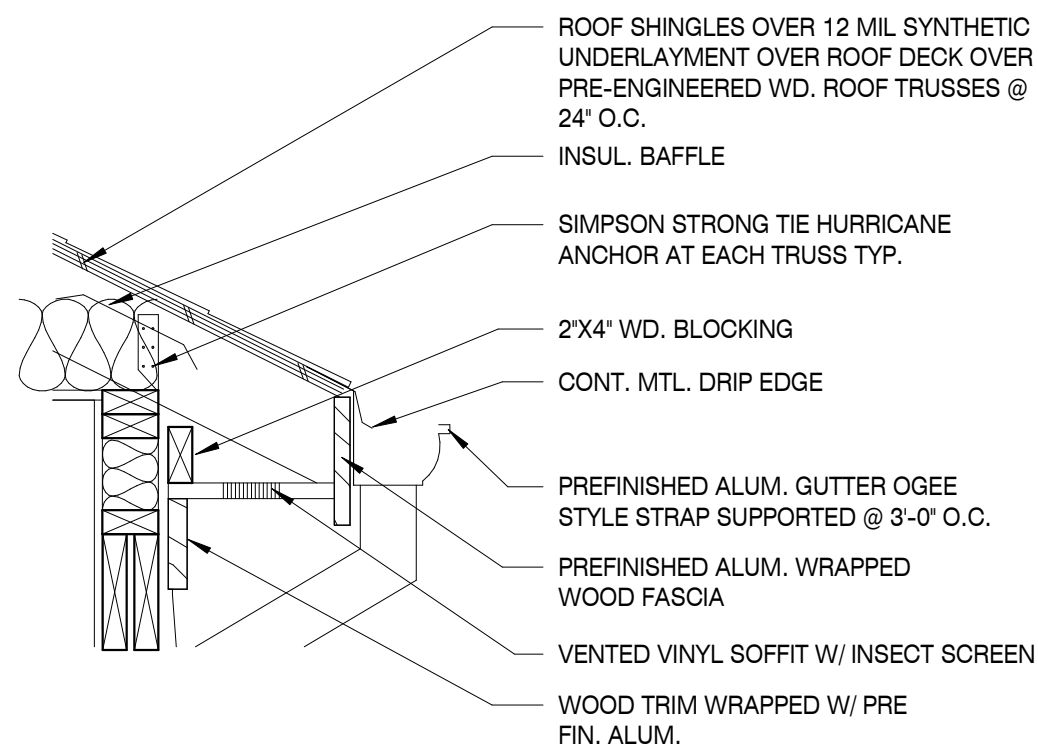
1/150 TOTAL AREA = 803.71 SQ. IN.



ROOF DETAIL

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

3



ROOF DETAIL1

SCALE : 1" = 1'-0"

4

VENTILATION CALCULATIONS - TYPE 2

MIN. NET FREE VENTILATING AREA NOT LESS THAN 1/150 OF THE TOTAL AREA.
TOTAL AREA = 1,569,204 SQ. IN.

RIDGE VENTS - MIN. NET FREE AREA IS 18" SQ. IN. PER LINEAL FOOT
175 LINEAL FEET X 18 SQ. IN. = 3,150 SQ. IN.

SOFFIT - NET FREE AREA OF 5.9 SQ. IN. PER SQ. FT.
12,320 SQ. FT. X 5.9 SQ. IN. = 72,688 SQ. IN.

TOTAL FREE AREA = 75,838 SQ. IN.

1/150 TOTAL AREA = 932.48 SQ. IN.

MBI

MBI COMPANIES INC.
100 COLONIAL CENTER SUITE 230
LAKE MARY, FL 32746
PHONE: (407) 585-0330
FAX: (407) 585-0336
WEB: mbicompanies.com
ARCHITECTURE NO.: AA26000828
INTERIORS NO.: IB26000665

CONSULTANT

SEAL

ARCHITECT:



SCOTT D. MALENOCK
AR 92510 ID4968

COPYRIGHT © MBI COMPANIES INC. 2019

THE DESIGN PROFESSIONAL DENIES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONAL'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

PROJECT INFORMATION

PROJECT:

WESTWOOD AT
WINTER HAVEN
APARTMENTS

PROJECT ADDRESS:

Avenue G
Winter Haven, FL 36801
HUD# 067-35554

PROJECT NO.: 180888

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
☐ FOR PERMITTING ONLY
☐ SCHEMATIC DESIGN
☐ DESIGN DEVELOPMENT
☐ CONSTRUCTION BIDDING
☒ CONSTRUCTION DOCUMENTS
☐ AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED: 03-25-19
DESIGNED BY: MES
DRAWN BY: AV
REVIEWED BY: CMG
SHEET TITLE:

BUILDING TYPE 1 & 2
ROOF PLANS

SHEET NO.:

A301