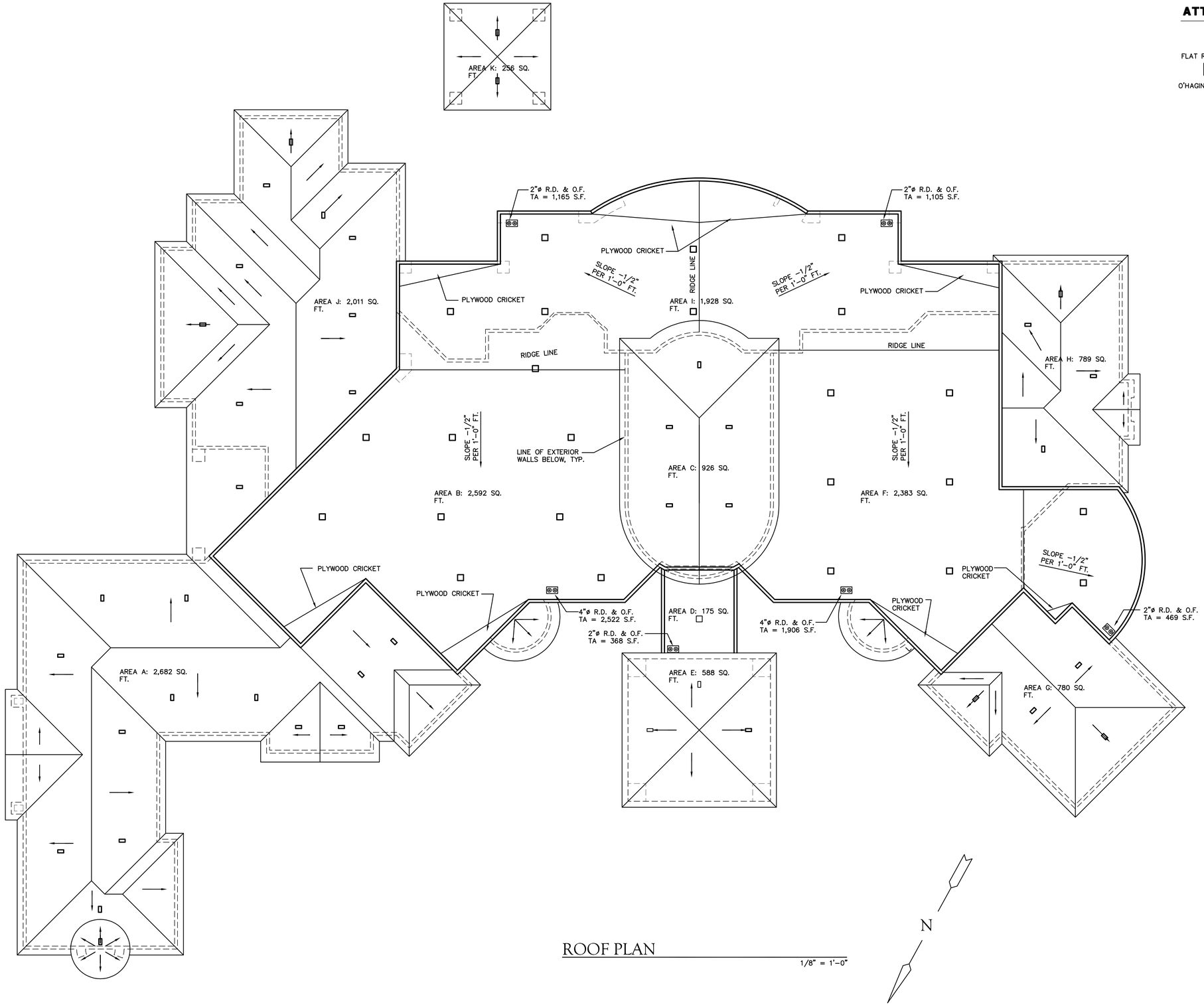

ROOF PLAN

1/8" = 1'-0"

ATTIC VENTILATION CALCULATIONS:

FLAT ROOF VENT

O'HAGIN TILE VENT

NET FREE VENTILATION SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED PER THE 2006 IRC

REQUIRED:

AREA A:
2,682 S.F. TOTAL ROOF AREA X .48 = 1,288 S.I. REQUIRED

AREA B:
2,592 S.F. TOTAL ROOF AREA X .48 = 1,245 S.I. REQUIRED

AREA C:
926 S.F. TOTAL ROOF AREA X .48 = 445 S.I. REQUIRED

AREA D:
175 S.F. TOTAL ROOF AREA X .48 = 84 S.I. REQUIRED

AREA E:
588 S.F. TOTAL ROOF AREA X .48 = 283 S.I. REQUIRED

AREA F:
2,383 S.F. TOTAL ROOF AREA X .48 = 1,144 S.I. REQUIRED

AREA G:
780 S.F. TOTAL ROOF AREA X .48 = 375 S.I. REQUIRED

AREA H:
789 S.F. TOTAL ROOF AREA X .48 = 379 S.I. REQUIRED

AREA I:
1,928 S.F. TOTAL ROOF AREA X .48 = 926 S.I. REQUIRED

AREA J:
2,011 S.F. TOTAL ROOF AREA X .48 = 966 S.I. REQUIRED

AREA K:
256 S.F. TOTAL ROOF AREA X .48 = 123 S.I. REQUIRED

PROVIDED:

AREA A:
O'HAGIN TILE VENT = 96 SQ. IN. PER FONT
14 O'HAGIN TILE VENTS = 1,344 S.I.

AREA B:
FLAT ROOF VENT = 145 SQ. IN. EACH
9 FLAT ROOF VENTS = 1,305 S.I.

AREA C:
O'HAGIN TILE VENT = 96 SQ. IN. PER FONT
5 O'HAGIN TILE VENTS = 480 S.I.

AREA D:
FLAT ROOF VENT = 145 SQ. IN. EACH
1 FLAT ROOF VENTS = 145 S.I.

AREA E:
O'HAGIN TILE VENT = 96 SQ. IN. PER FONT
3 O'HAGIN TILE VENTS = 288 S.I.

AREA F:
FLAT ROOF VENT = 145 SQ. IN. EACH
8 FLAT ROOF VENTS = 1,160 S.I.

AREA G:
O'HAGIN TILE VENT = 96 SQ. IN. PER FONT
4 O'HAGIN TILE VENTS = 384 S.I.

AREA H:
O'HAGIN TILE VENT = 96 SQ. IN. PER FONT
4 O'HAGIN TILE VENTS = 384 S.I.

AREA I:
FLAT ROOF VENT = 145 SQ. IN. EACH
7 FLAT ROOF VENTS = 1,015 S.I.

AREA J:
O'HAGIN TILE VENT = 96 SQ. IN. PER FONT
10 O'HAGIN TILE VENTS = 960 S.I.

AREA K:
O'HAGIN TILE VENT = 96 SQ. IN. PER FOOT
2 O'HAGIN TILE VENTS = 192 S.I.

Contractor must verify all dimensions at project before proceeding with this work.
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March 4, 2008

OVERALL FLOOR PLAN