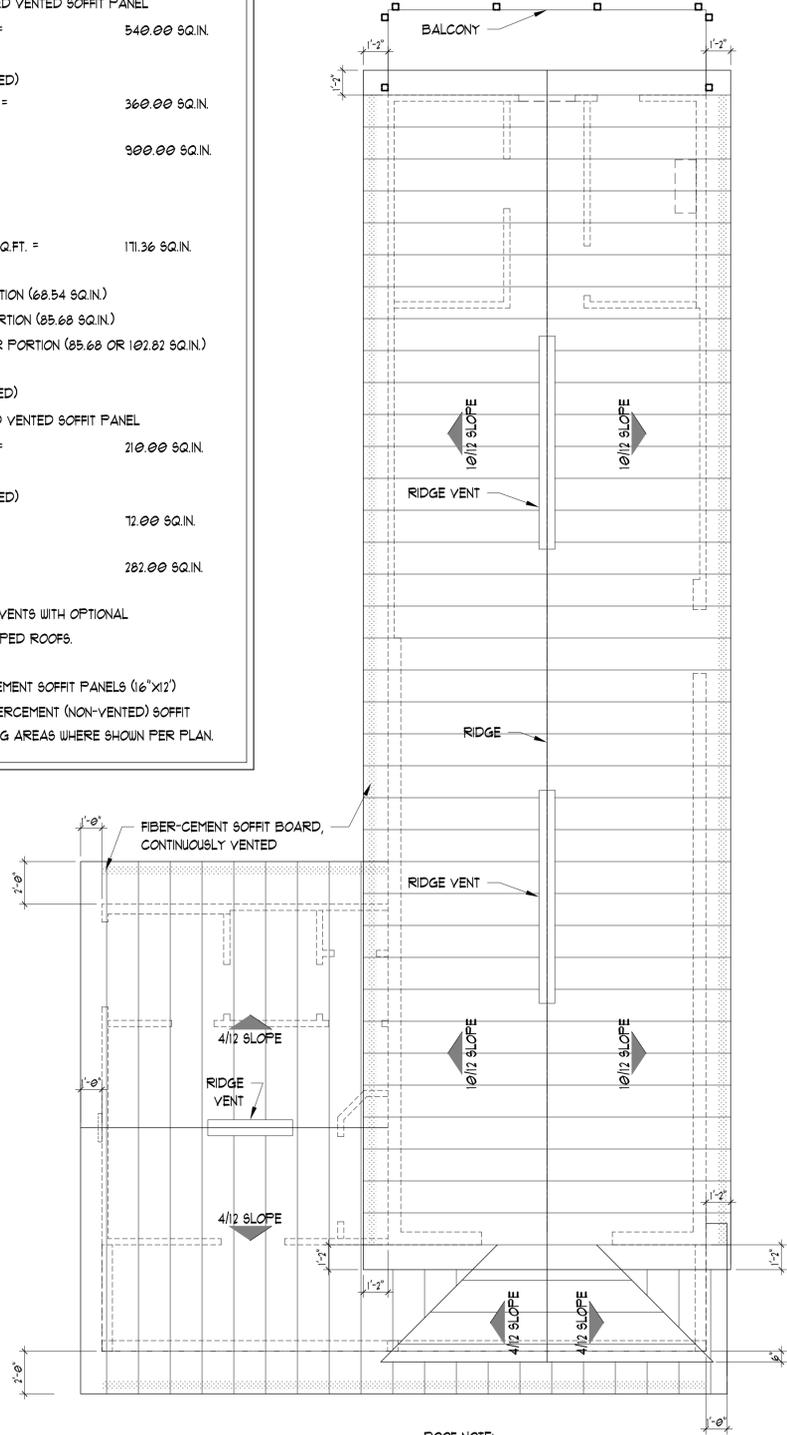


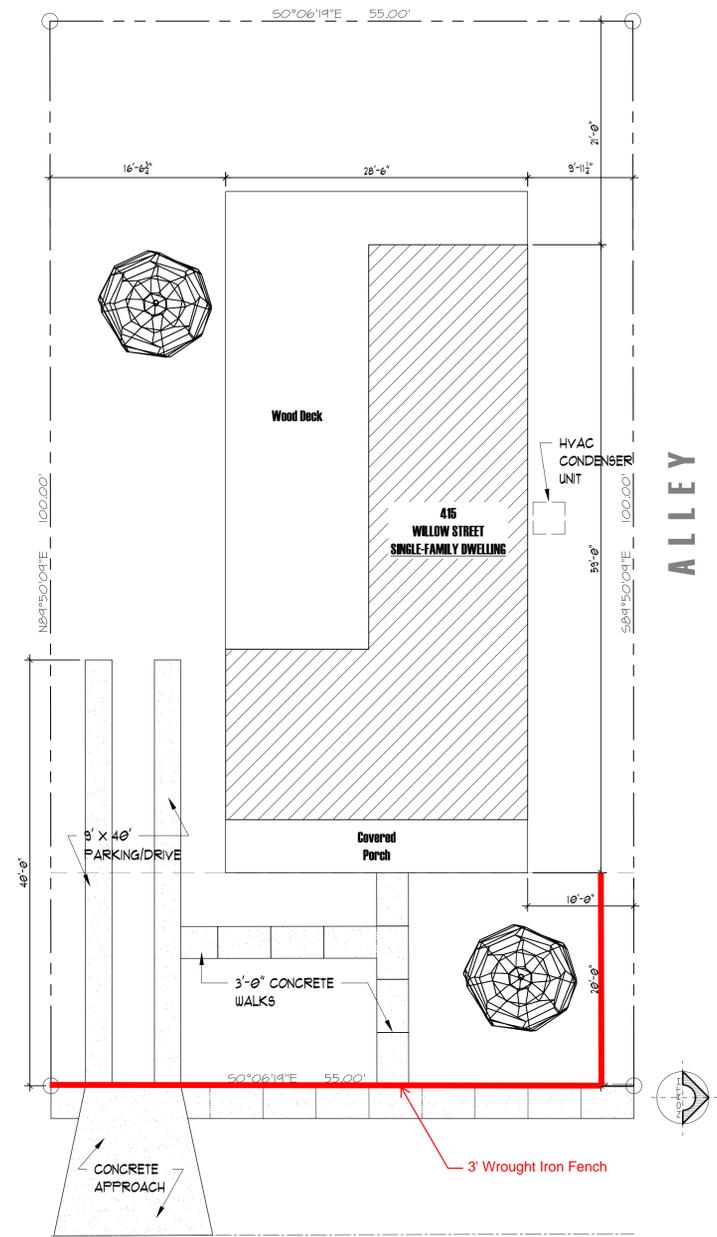
ROOF VENTILATION CALCULATION	
PER IRC-R206.2: MINIMUM AREA PROVIDE 1 SQ.FT. OF VENTILATION PER 300 SQ.FT. OF ATTIC SPACE.	
ROOF AREA: (UPPER LEVEL)	
VENTILATION REQUIRED:	
ATTIC AREA = 810 SQ.FT. / 300 = 2.7 SQ.FT. X 144 SQ.IN./SQ.FT. =	388.8 SQ.IN.
MINIMUM 40% OF 388.8 TO BE PROVIDED AT UPPER PORTION (155.52 SQ.IN.)	
MAXIMUM 50% OF 388.8 TO BE PROVIDED AT UPPER PORTION (194.4 SQ.IN.)	
BALANCE OR 50% OF 388.8 TO BE PROVIDED AT LOWER PORTION (194.4 OR 233.28 SQ.IN.)	
LOWER VENTILATION PROVIDED: (60% OF TOTAL PROVIDED)	
108 LN.FT. OF (JAMES HARDIE) FIBERCEMENT PERFORATED VENTED SOFFIT PANEL	
CONTINUOUS ON BOXED OVERHANGS @ 5 SQ.IN. PER L.F. =	540.00 SQ.IN.
UPPER VENTILATION PROVIDED: (40% OF TOTAL PROVIDED)	
20' - COBRA RIGID VENT 3 @ 18 SQ.IN. PER LINEAR FOOT =	360.00 SQ.IN.
TOTAL VENTILATION PROVIDED: 900.00 SQ.IN.	
ROOF AREA: (GROUND LEVEL)	
VENTILATION REQUIRED:	
ATTIC AREA = 350 SQ.FT. / 300 = 1.19 SQ.FT. X 144 SQ.IN./SQ.FT. =	171.36 SQ.IN.
MINIMUM 40% OF 171.36 TO BE PROVIDED AT UPPER PORTION (68.54 SQ.IN.)	
MAXIMUM 50% OF 171.36 TO BE PROVIDED AT UPPER PORTION (85.68 SQ.IN.)	
BALANCE OR 50% OF 171.36 TO BE PROVIDED AT LOWER PORTION (85.68 OR 102.82 SQ.IN.)	
LOWER VENTILATION PROVIDED: (60% OF TOTAL PROVIDED)	
42 LN.FT. OF (JAMES HARDIE) FIBERCEMENT PERFORATED VENTED SOFFIT PANEL	
CONTINUOUS ON BOXED OVERHANGS @ 5 SQ.IN. PER L.F. =	210.00 SQ.IN.
UPPER VENTILATION PROVIDED: (40% OF TOTAL PROVIDED)	
4' - COBRA RIGID VENT 3 @ 18 SQ.IN. PER LINEAR FOOT =	12.00 SQ.IN.
TOTAL VENTILATION PROVIDED: 282.00 SQ.IN.	
PER IRC-R206.3 VENT AND INSULATION CLEARANCE: PROVIDE OWENS CORNING RAFT-R-MATE ATTIC RAFTER VENTS WITH OPTIONAL AIR STOP/INSULATION BLOCK, AT FULL PERIMETER OF HIPPED ROOFS.	
* PROVIDE CONTINUOUS JAMES HARDIE 'VENTED' FIBERCEMENT SOFFIT PANELS (16"X12") IN BOXED OVERHANGS INCLUDING CONTINUOUS SOLID FIBERCEMENT (NON-VENTED) SOFFIT PANELS IN ALL RAKED EAVES, PORCH AND PATIO CEILING AREAS WHERE SHOWN PER PLAN.	



**ROOF PLAN**  
SCALE: 1/4" = 1' - 0"

ROOF NOTE:  
STANDING SEAM METAL ROOF SYSTEM,  
OVER RADIANT BARRIER ROOF DECKING.

# FENCE APPLICATION



**415 WILLOW STREET**  
**SITE PLAN**  
SCALE: 1/8" = 1' - 0"

AREA DATA:(SQ.FT.)	
1ST FLOOR LIVING AREA:	1,026 SQ.FT.
2ND FLOOR LIVING AREA:	373 SQ.FT.
TOTAL LIVING AREA:	1,399 SQ.FT.
WOOD BALCONY:	60 SQ.FT.
COVERED PORCH:	143 SQ.FT.
WOOD DECK:	656 SQ.FT.
TOTAL AREA:	2,258 SQ.FT.

THIS DRAWING OR PLAN MEETS AND COMPLIES WITH THE MODEL  
VERSION OF THE 2015 INTERNATIONAL RESIDENTIAL CODE WITH  
AMENDMENTS, 2014 NATIONAL ELECTRICAL CODE, 2015 INTERNATIONAL  
ENERGY CONSERVATION CODE AND ALL OTHER BUILDING CODES AS  
ADOPTED BY THE CITY OF SAN ANTONIO, TEXAS

**FINAL PLANS: 10/10/17**



**Alejandro H. Peña Jr.**  
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alex@alejandropendesigner.com



**NEW RESIDENCE OF**  
**EDUARDO VILLALON**  
SAN ANTONIO, TEXAS  
415 WILLOW STREET

**JOB NUMBER:**  
**33-0-139**

**SHEET**  
**1 OF 4**