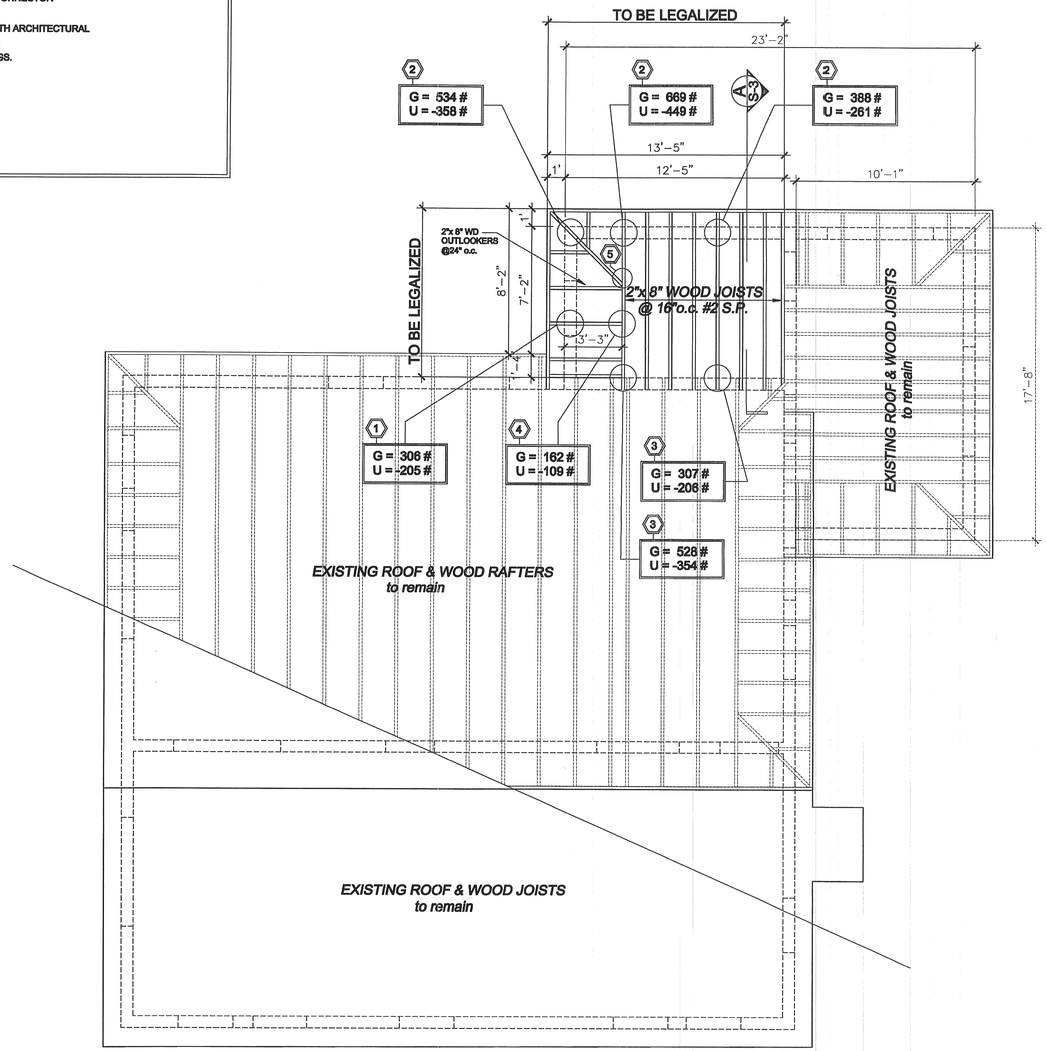
ROOF NOTES

1. USE 5/8" PLYWOOD ROOF SHEATHING ATTACHED WITH 8d RING SHANK NAILS AT 6" O.C. AT PANEL EDGES AND AT INTERMEDIATE SUPPORTS & 8d RING SHANK NAILS @ 4" O.C. THRU BOUNDARIES
2. SHEATHING SHALL BE CONTINUOUS OVER 2 OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND SHALL HAVE STAGGERED JOINTS.
3. STRUCTURAL LUMBER SHALL BE #2 SOUTHERN YELLOW PINE OR BETTER.
4. ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED.
5. WOOD RAFTERS TO BE DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE
6. ALL ROOF MEMBERS TO BE SECURED TO TIE BEAMS OR OTHER STRUCTURAL MEMBERS WITH HURRICANE STRAPS AS SHOWN IN THE METAL CONNECTOR SCHEDULE ON THE CONTRACT DRAWINGS.
7. COORDINATE ALL SLOPES AND LOCATIONS OF ALL CHASSES WITH ARCHITECTURAL AND MEP DRAWINGS.
8. COORDINATE RAFTERS LAYOUT WITH ARCHITECTURAL DRAWINGS.
9. ROOF LOADS SHALL BE AS FOLLOWS:

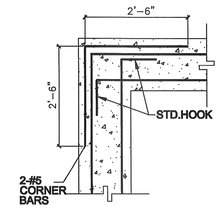
DL= 25 PSF
LL= 30 PSF



ROOF FRAMING PLAN

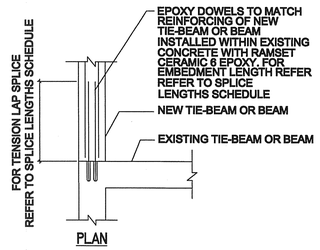
SCALE: 1/4" = 1'- 0"

THE CONSTRUCTION DOCUMENTS HAVE BEEN PREPARED IN COMPLIANCE WITH FBC 2014, 5TH EDITION



TYPICAL TIE-BEAM CORNER BAR DETAIL

N.T.S.



CONNECTION BETWEEN EXIST. AND NEW TIE-BEAM

N.T.S.

DESIGN CRITERIA

ROOF LOADS SHALL BE AS FOLLOWS:
1. ROOF (DL) =10 P.S.F.
2. ROOF (SDL) = 15 P.S.F. (W/O ROOF COVERING)
3. ROOF (LL) = 30 P.S.F.
4. UPLIFT DUE TO WIND LOAD ; AS PER ASCE 7/10.

WIND SPEED = 175 MPH
EXPOSURE/GROUND ROUGHNESS : "C"

ROOF WIND GROSS UPLIFT PRESSURE

ZONE	10 S.F. OR LESS PSF
1	-40.08
2	-67.26
3	-101.20
OVERHANG	-57.72
a= 3 FT	

INTERPOLATE FOR INTERMEDIATE VALUES OF TRIBUTARY AREA

BEAM SCHEDULE

MARK	SIZE	REINFORCEMENT BOTT	REINFORCEMENT TOP	#3 TIES	TOP OF BM. ELEV.
TB	8"x 12" CONC.TIE BM.	2 #5	2 #5	#3 STIRRUPS @ 48"o.c. & #3 @ 12"o.c. OVER OPENINGS AND (4) #3 @12" o.c. AT CORNERS	+8'-0"

FOUNDATION SCHEDULE

MARK	DIMENSIONS	REINFORCING STEEL
WF-16	16" x 12" CONT. WALL FTG.	2#5 CONT. BOTTOM

COLUMN SCHEDULE

MARK	DIMENSIONS	REINFORCING STEEL
FC	1 #5 VERT. IN CONCRETE FILLED CELLS. AS SHOWN ON PLAN	#5 FR. FTG. TO T/8 TOP STL.
SC 8x8	8"x 8" CONC. STARTER COL.	(2) #5 VERT. NOTE: FOR STARTER COL' S. PROVIDE # 5 x 12" HOR DOWELS @ 24" O.C. TO EXIST. SOLID CONC. (TYP.)

ROOF METAL CONNECTOR

MARK	CONECTOR	MFR.	DADE COUNTY NOA. No.	NAILS	UPLIFT CAPACITY	LATERAL CAPACITY L1	LATERAL CAPACITY L2
1	1-NVSTA-16 To be Legalized	NU-VUE	13-0206.17	SEAT: 6-10d X 1 1/2" JOIST: 9-10d X 1 1/2" EMB: 4" (MIN.)	1,141	760	1,144
2	1-NVHTA-16 To be Legalized	NU-VUE	13-0206.17	SEAT: 6-10d X 1 1/2" JOIST: 9-10d X 1 1/2" EMB: 4" (MIN.)	1,506	1,050	1,450
3	1-NVRT-30 To be Legalized	NU-VUE	FL #16294	CONC: 5-1/4" TAPCONS W/1 1/4" MIN EMB JOIST: 7-16d X 3 1/2"	1,125		
4	1-NVJH-26 To be Legalized	NU-VUE	FL #16294	HEADER: 10-10d x 2 1/2" JOIST: 6-10d X 1 1/2"	821		
5	SUR/L-26 To be Legalized	SIMPSON	FL#10655	HEADER: 6-16d x 2 1/2" JOIST: 6-10d X 1 1/2"	720		

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CONSULTING ENGINEER
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Project Title:
AS BUILT PLANS FOR DEMOLITION/LEGALIZATION OF
ELLAWISH LLC II

Address:
2419 N.W. 99th STREET
MIAMI, FL. 33147

THESE DRAWINGS AND DESIGNS ARE THE PROPERTY OF FERMIN A. MARTINEZ AND SHALL NOT BE REPRODUCED WITHOUT HIS WRITTEN CONSENT.

This Sheet

REVISIONS
1 18-04-16

DESCRIPTION
Project No. 15-57
Date: 07-12-15
Drawn By: PEDRO PUERTO/ CBS (305) 262 8075
Approved By: F.A.M.

SEAL
FERMIN A. MARTINEZ LICENSE No 19383 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET NO.
S-2

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