

# PROPOSED ADDITION KERRY YATES RESIDENCE

130 NW LAKE VISTA GLEN, LAKE CITY, FLORIDA 32055

PARCEL NUMBER  
23-3S-16-0272-01 - COLUMBIA COUNTY, FLORIDA

LEGAL DESCRIPTION  
LOT 20 OF LAKE JEFFREY PHASE 1, PER THE PLAT THEREOF RECORDED IN THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

SCOPE OF WORK  
THIS PROJECT ENTAILS THE CONSTRUCTION OF A ONE-STORY RESIDENTIAL ADDITION, INCLUDING ALL NECESSARY ELECTRICAL WORK AND FINISH AIR CONDITIONING. CEILING FINISH WILL TYPICALLY BE GYPSUM WALLBOARD WITH TONGUE. EXTERIOR WALL FINISHES WILL BE CEMENT BOARD TILING AND TRIM. INTERIOR WALL FINISHES WILL BE GYPSUM WALLBOARD. ROOFING WILL BE PINKGLASS SHINGLES TO MATCH EXISTING FLOORING AND TRIM SHALL BE PER OWNER'S SPECIFICATION.

ENGINEER'S STATEMENT  
THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE, RESIDENTIAL EDITION, SEC. 1001 CRITERIA AND ASCE 7-10. TO THE BEST OF MY KNOWLEDGE THESE CONTRACT DOCUMENTS PREPARED UNDER MY DIRECT SUPERVISION COMPLY WITH THE APPLICABLE MINIMUM CODE REQUIREMENTS AND THE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTERS 603 AND 633 OF THE FLORIDA STATUTES.

DISCLAIMER  
THE EXISTING CONDITIONS AS SHOWN ON THIS SITE PLAN AND OTHER DIAGRAMS AND DETAILS IN THIS PLAN SET ARE FROM SURVEY PLATS AND VERIFIED BY FIELD MEASUREMENTS. THE ENGINEER OF RECORD TAKES NO RESPONSIBILITY AS TO THE ACCURACY OR COMPLETENESS OF THE REPRESENTATIONS.

DESIGN CRITERIA	LIVE LOADS	DESIGN WIND PRESSURES
CONSTRUCTION TYPE: V-B	ROOF = 30 PSF	(COMPONENTS AND CLADDING) - 120 MPH
WIND SPEED = 120 MPH (3 SEC. DURT)	FLOORS, STAIRS = 40 PSF	0-30 SF = +31.3-34.0
RISK CATEGORY = I-1	ATTIC, UNHABITABLE, WITHOUT STORAGE = 10 PSF	30-60 SF = +29.9-32.5
WIND EXPOSURE = C	WITH STORAGE = 20 PSF	60-100 SF = +28.0-30.7
INTERNAL PRESSURE COEFF. = -0.18		100-500 SF = +26.6-29.3
		500-5000 SF = +25.6-28.0

ROOF SHEATHING FASTENING SCHEDULE

- USE 1927 CDX OR 2117 OSB SHEATHING (WOOD STRUCTURAL PANEL - W.S.P.)
- SHEATHING SHALL BE FASTENED WITH 1/2" FULL HEAD RINGSHANK NAILS
- REFER TO SHEET A4 FOR ROOF SHEATHING NAILING ZONE SCHEMATIC
- ZONE 1 EDGES @ THIRDS @ O.C. AND INTERMEDIATE THIRDS @ O.C.
- ZONE 2 EDGES @ THIRDS @ O.C. AND INTERMEDIATE THIRDS @ O.C.

WALL SHEATHING FASTENING SCHEDULE

- USE 1927 CDX OR 2117 OSB SHEATHING (WOOD STRUCTURAL PANEL - W.S.P.)
- STANDARD EXTERIOR WALL: USE MIN. 16" WIND DRIVEN OR GUN NAILS SPACED AT EDGES AT 8" O.C. AND INTERIOR FIELD AT 12" O.C.
- EXTERIOR SHEARWALL: USE MIN. 16" RING-SHANK GUN NAILS AT 8" O.C. ON EDGES AND ENDS AND INTERIOR FIELD AT 8" O.C.

CEILING DIAPHRAGM FASTENING SCHEDULE

- USE 1927 CDX OR 2117 OSB SHEATHING (WOOD STRUCTURAL PANEL - W.S.P.)
- USE MIN. 16" RING-SHANK GUN NAILS AT 8" O.C. ON EDGES AND ENDS AND INTERIOR FIELD AT 8" O.C.

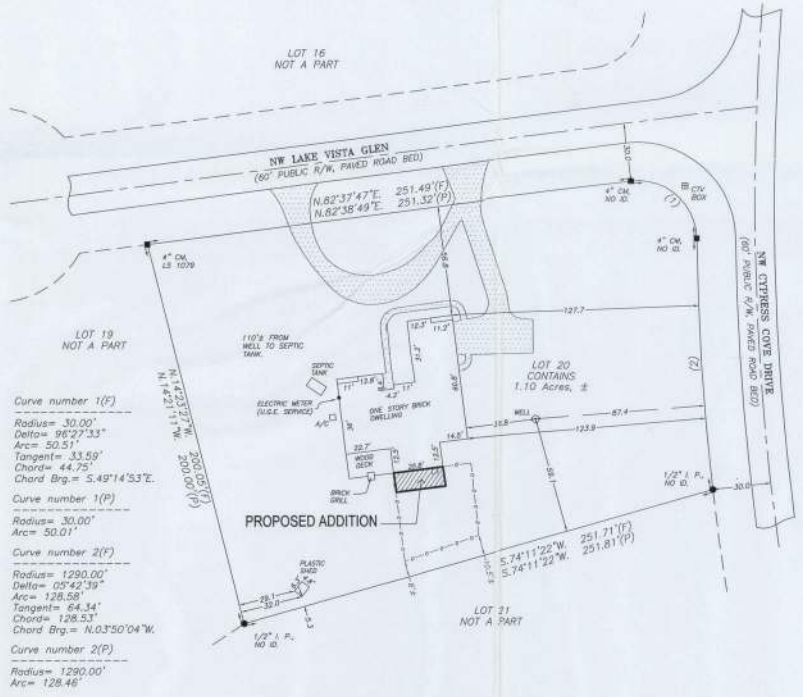
AREA SUMMARY

EXISTING CONDITIONED AREA*	292 S.F.
PROPOSED ADDITION	251 S.F.
TOTAL CONDITIONED AREA	543 S.F.
NON-CONDITIONED AREA*	967 S.F.
TOTAL NON-CONDITIONED AREA	307 S.F.
TOTAL AREA AFTER ADDITION*	330 S.F.

\* VALUES OBTAINED FROM COLUMBIA COUNTY PROPERTY APPRAISER'S WEBSITE.

SHEET INDEX

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S1	ROOF FRAMING PLAN, SECTIONS AND DETAILS



SITE PLAN

SCALE: 1" = 30'-0"

DATE	REMARKS
02/16/14	REVIEW - EET



RIDDLE CONSULTING ENGINEERS, INC.  
C.O.A. NUMBER 4759  
1705 BE COUNTY HWY. 404  
LAKE CITY, FLORIDA 32055  
PHONE: (904) 344-3400  
FAX: (904) 344-3400  
LICENSED PROFESSIONAL ENGINEER

PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF RIDDLE CONSULTING ENGINEERS, INC. AND PAUL G. RIDDLE, P.E.

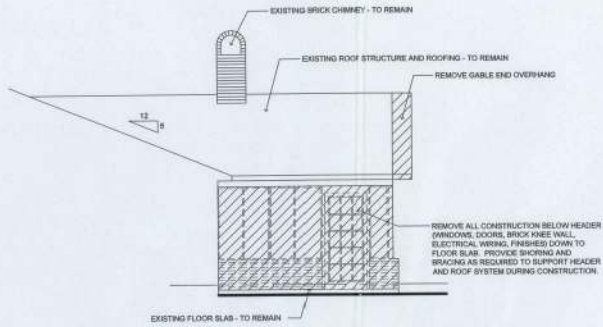
PETER WOOD, RESIDENTIAL DESIGNER  
5524 ROCKY RD., COOLA, FL 32025  
NEW HOME CONSTRUCTION  
(904) 574-4884

PROPOSED ADDITION  
KERRY YATES RESIDENCE  
130 NW LAKE VISTA GLEN, LAKE CITY, FL 32055  
PARCEL NUMBER 23-3S-16-0272-021

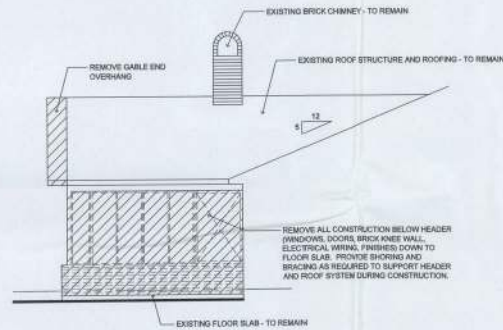
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A1

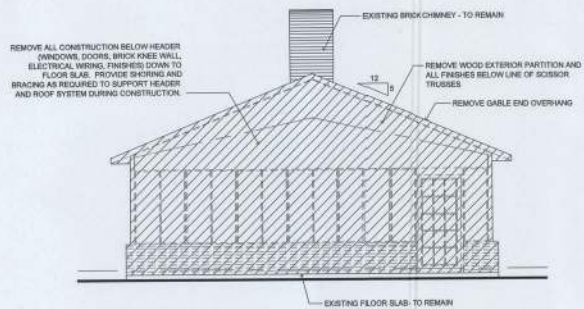
PROJECT NO. 140198



EXISTING WEST ELEVATION SHOWING DEMOLITION  
SCALE: 1/4" = 1'-0"

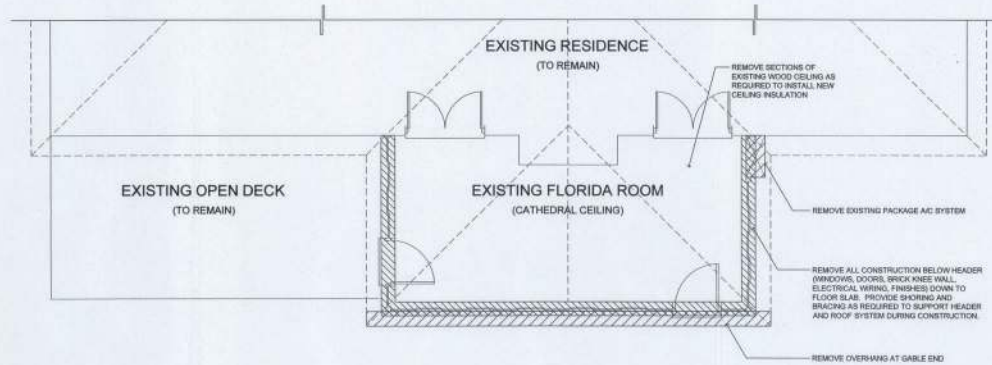


EXISTING EAST ELEVATION SHOWING DEMOLITION  
SCALE: 1/4" = 1'-0"

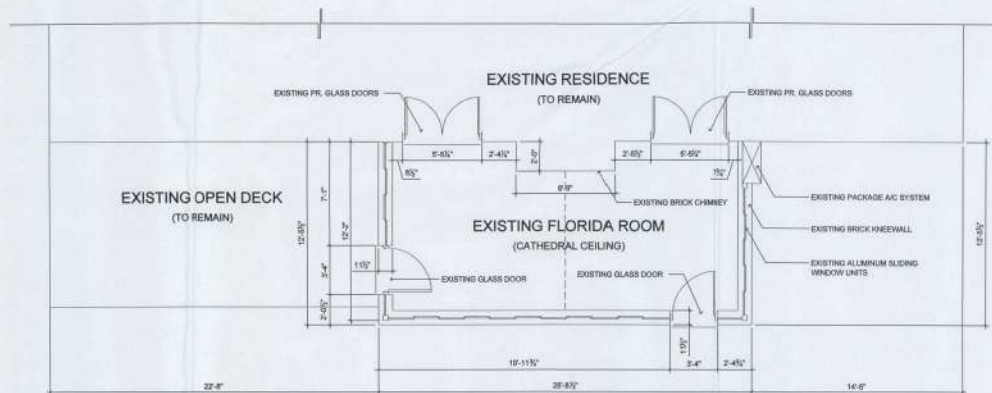


EXISTING SOUTH ELEVATION SHOWING DEMOLITION  
SCALE: 1/4" = 1'-0"

NOTE:  
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BOTH EXTERIOR AND INTERIOR ROOF SLOPES BEFORE ORDERING PRE-ENGINEERED WOOD ROOF TRUSSES.



DEMOLITION FLOOR PLAN  
SCALE: 1/4" = 1'-0"



EXISTING PARTIAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"

DATE	REMARKS
02/14/14	REVIEW SET



**RIDDLE CONSULTING ENGINEERS, INC.**  
C.O.A. NUMBER 4759  
1702 SE COUNTY HWY. 404  
LAKE CITY, FL 32055  
Phone (904) 282-2044  
Fax (904) 282-2046  
LICENSED PROFESSIONAL ENGINEERS

PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF  
RIDDLE CONSULTING ENGINEERS, INC.  
ANDREW G. RIDDLE, P.E.

PETER WOODS, RESIDENTIAL DESIGNER  
5541 PECAN RD., COALA, FL 34073  
904-944-2222  
(904) 575-4844

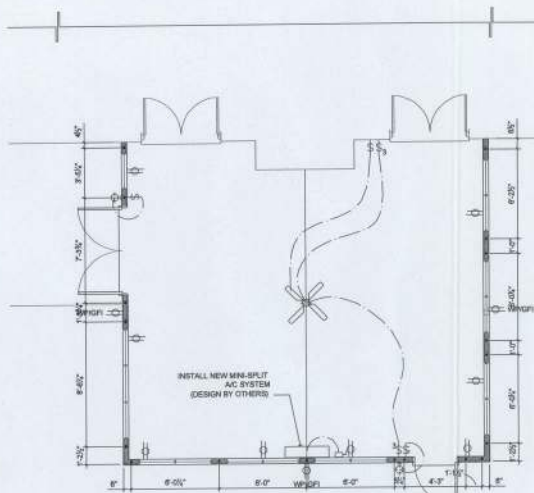
**PROPOSED ADDITION  
KERRY YATES RESIDENCE**  
130 NW LAKE VISTA GLEN, LAKE CITY, FL 32055  
PARCEL NUMBER 23-3S-16-02272-021

SHEET NUMBER

**A2**

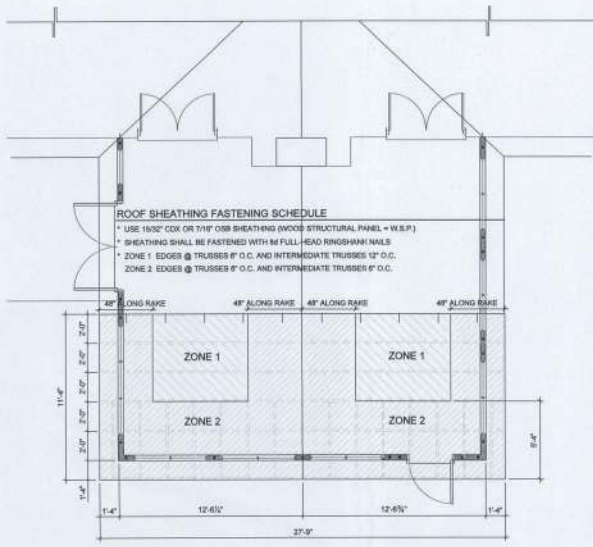
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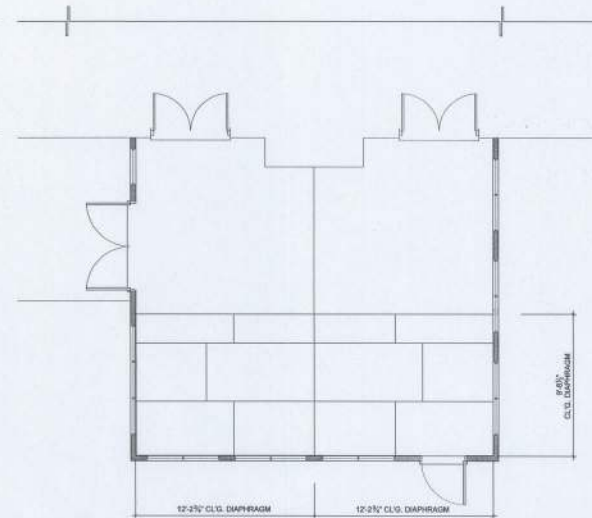


PROPOSED ELECTRICAL FLOOR PLAN  
SCALE: 1/4" = 1'-0"

ALL RECEPTACLES, LIGHTING, AND SAFETY PROTECTION DEVICES (I.E. SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, ETC.) SHALL BE ON CIRCUITRY PROTECTED BY A UL-LISTED AFCI/FI CIRCUIT INTERRUPTER (EXCEPT IN LAUNDRY, KITCHEN, BATHS, GARAGE AND PORCHES).  
ALL RECEPTACLES SHALL BE UL-LISTED TAMPER RESISTANT AND OUTDOOR GFCI RECEPTACLES SHALL BE WEATHER RESISTANT.  
PROVIDE SMOKE DETECTORS IN ALL SLEEPING ROOMS AND WITHIN THE IMMEDIATE VICINITY OF SLEEPING ROOMS AND CARBON MONOXIDE DETECTORS WITHIN 10 FEET OF ALL SLEEPING ROOMS.  
ALL SMOKE DETECTORS ARE TO HAVE BATTERY BACKUP AND BE HARDWIRED AND INTERCONNECTED SO THAT IN THE EVENT THAT ONE IS ACTIVATED, ALL ARE ACTIVATED.



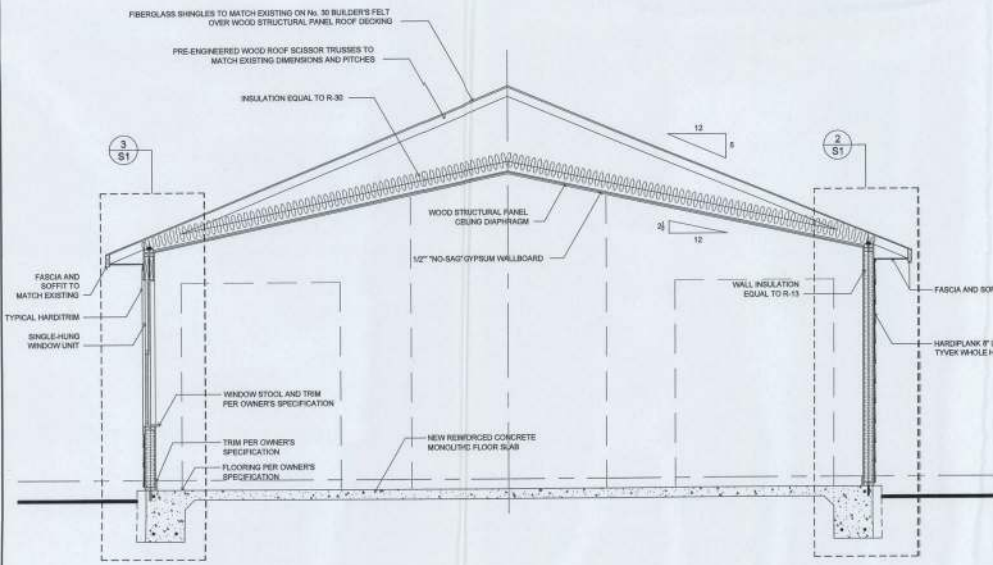
PROPOSED ROOF PLAN  
SCALE: 1/4" = 1'-0"



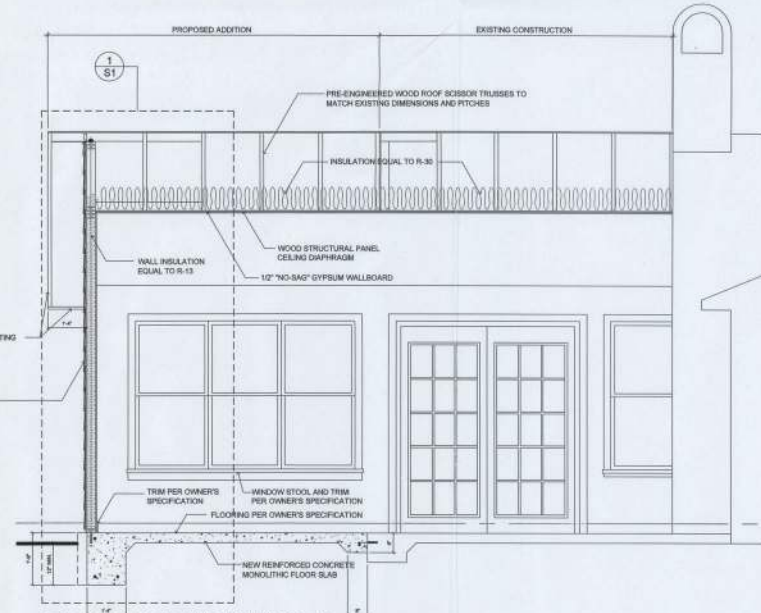
**CEILING DIAPHRAGM FASTENING SCHEDULE**

- USE 1/2" CDX OR 7/16" OSB SHEATHING (WOOD STRUCTURAL PANEL - W.S.P.)
- USE MIN. 88 RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AND INTERIOR FIELD AT 6" O.C.

PROPOSED CEILING DIAPHRAGM PLAN  
SCALE: 1/4" = 1'-0"



PROPOSED ARCHITECTURAL BUILDING SECTION  
SCALE: 1/2" = 1'-0"



PROPOSED ARCHITECTURAL BUILDING SECTION  
SCALE: 1/2" = 1'-0"

DATE	REMARKS
02/13/14	REVIEW SET



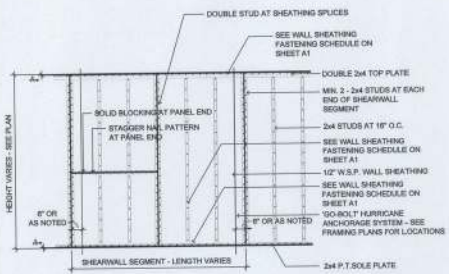
**RIDDLE CONSULTING ENGINEERS, INC.**  
C.O.A. NUMBER 4759  
1725 BE COUNTY HWY. 484  
P.O. BOX 2424  
LAKE CITY, FL 32055  
Phone: (321) 241-2424  
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LICENSED PROFESSIONAL ENGINEER

PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF  
**RIDDLE CONSULTING ENGINEERS, INC.**  
AND P.L.S. RIDDLE, P.E.

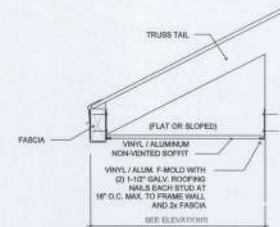
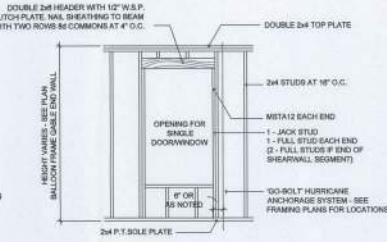
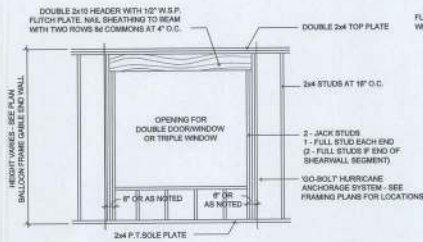
PETER WOODS, RESIDENTIAL DESIGNER  
588 PECAN RD., Ocala, FL 32067  
WWW.PETERWOODSDESIGN.COM  
(352) 575-4864

**PROPOSED ADDITION**  
**KERRY YATES RESIDENCE**  
130 NW LAKE VISTA GLEN, LAKE CITY, FL 32055  
PARCEL NUMBER 23-3S-16-02272-021

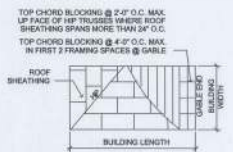
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**A4**  
PROJECT NO. 140198



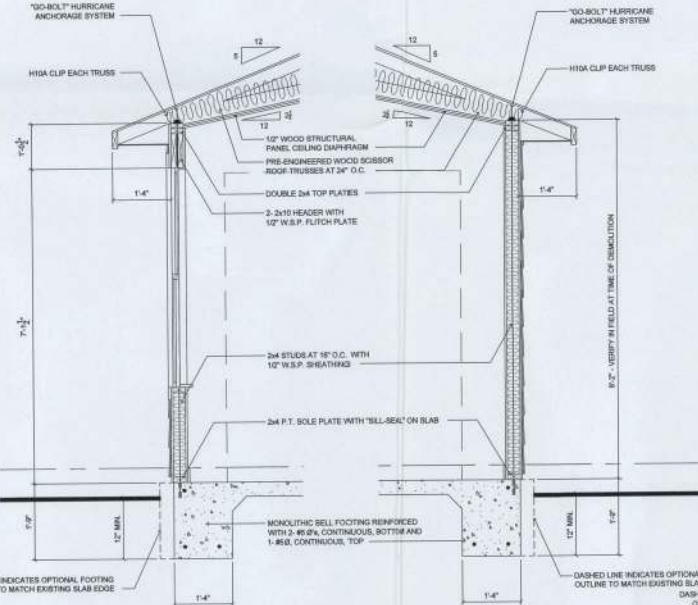
TYPICAL WALL FRAMING DETAILS



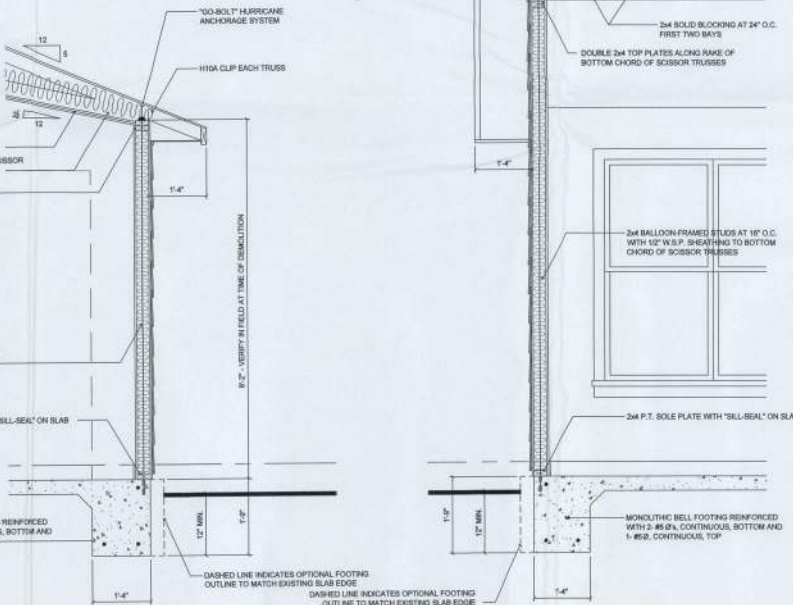
TYPICAL SOFFIT ATTACHMENT DETAIL



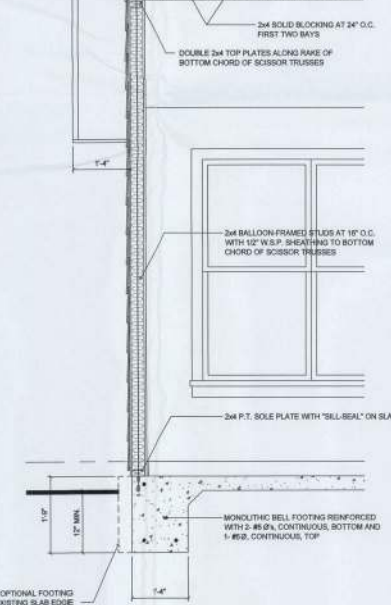
TYPICAL ROOF SHEATHING LAYOUT AND DIAPHRAGM BLOCKING DETAIL



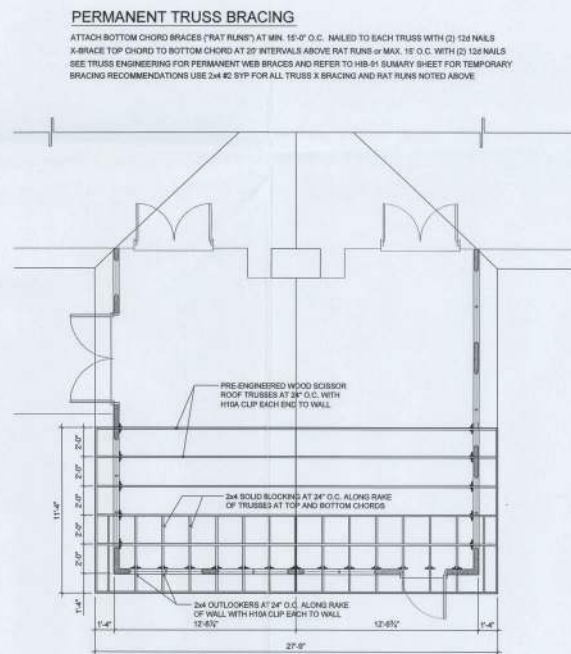
TYPICAL WALL SECTION - SIDE WALL - WITH OPENINGS



TYPICAL WALL SECTION - SIDE WALL - NO OPENINGS



TYPICAL WALL SECTION - END WALL - NO OPENINGS



NOTE: CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BOTH EXTERIOR AND INTERIOR ROOF SLOPES BEFORE ORDERING PRE-ENGINEERED WOOD ROOF TRUSSES.

PROPOSED ROOF FRAMING PLAN

DATE	REMARKS
03/18/14	REVIEW SET



**RIDDLE CONSULTING ENGINEERS, INC.**  
 C.O.A. NUMBER 4759  
 1705 BEECHWOOD AVENUE  
 PHOENIX, ARIZONA 85024  
 (602) 998-2500  
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PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF  
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 KENNETH S. RIDDLE, P.E.

PETER WOODS, RESIDENTIAL DESIGNER  
 958 PEGAN RD., OCELA, FL 32052  
 888-468-8888  
 (904) 974-4884

**PROPOSED ADDITION**  
**KERRY YATES RESIDENCE**  
 130 NW LAKE VISTA GLEN, LAKE CITY, FL 32055  
 PARCEL NUMBER 23-3S-15-02272-021

SHEET NUMBER

**S1**

PROJECT NO. 141196