

DATE REMARK

O9.07.12 PERMIT SET

A Ellers P.E.# 1824;

SPS Rational Flan Service inc.

COA #27152

Post Office Box 940128

Maitland, FL 32794

Phone (407) 295-8155

Fax (407) 295-8141

Ken Ehlers P.E.# 19243

LICENSED PROFESSIONAL ENGINEER

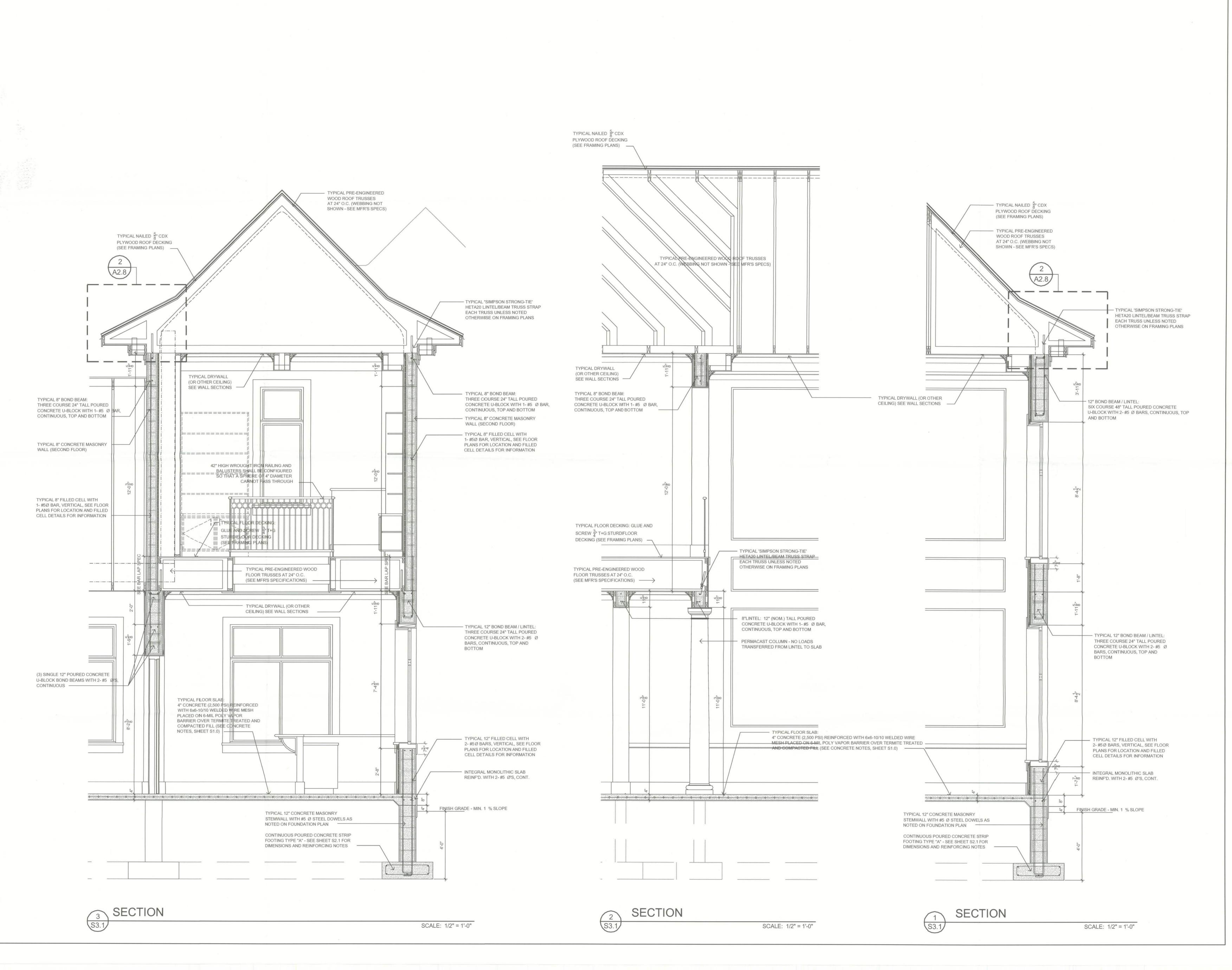
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN E-LLERS, P.E.

PETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL
PARCEL NO. 30-3S-16-02411-101

SHEET NUMBER

S3.2



9/7/2012 12:35:27

DATE REMARK

OP.07.12 PERMIT SET



Post Office Box 940128

Maitland, FL 32794

Phone (407) 295-8155

Fax (407) 295-8141

Ken Ehlers P.E.# 19243

LICENSED PROFESSIONAL ENGINEER

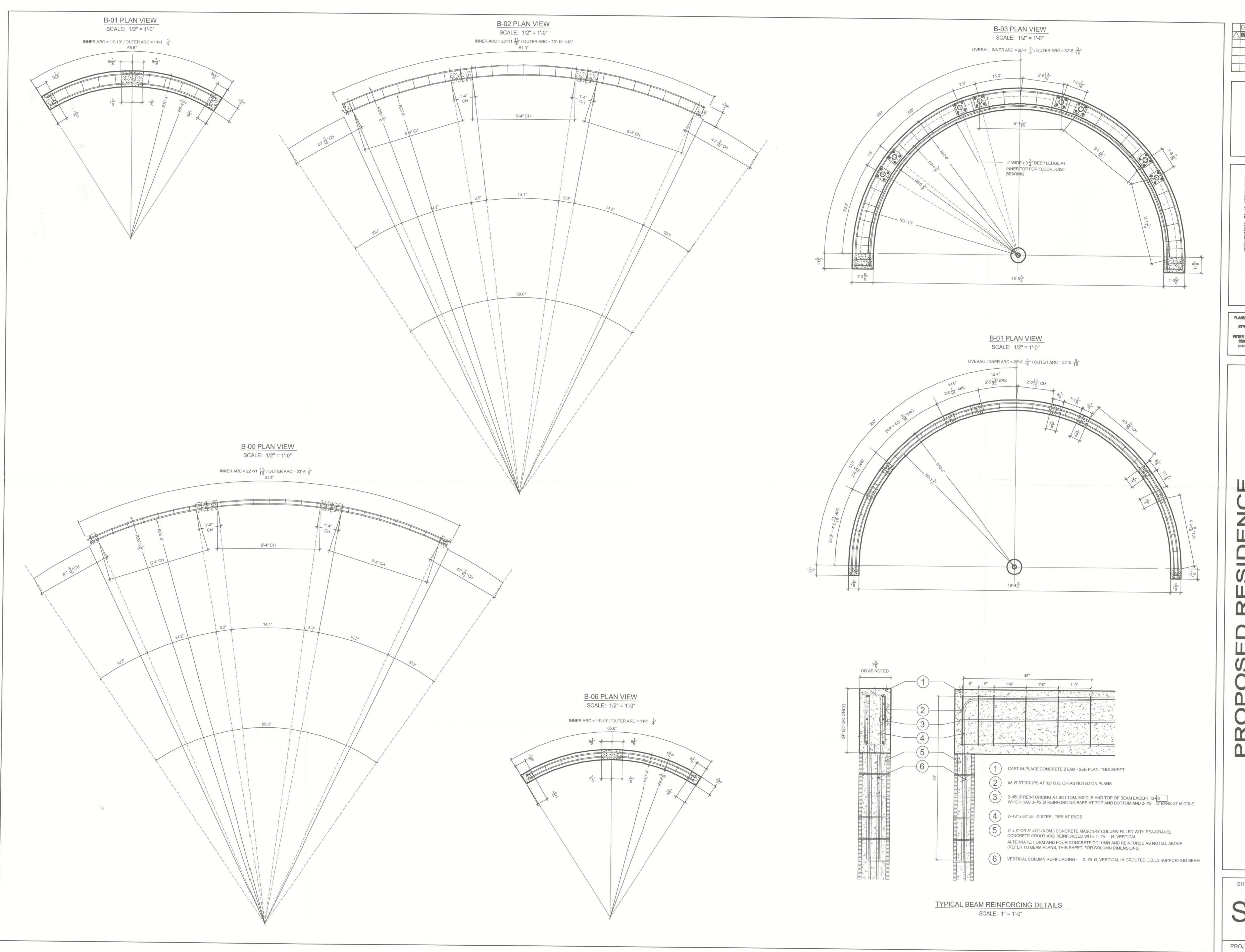
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WÖOGS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL
PARCEL NO. 30-35-16-02411-101

SHEET NUMBER

S3.1

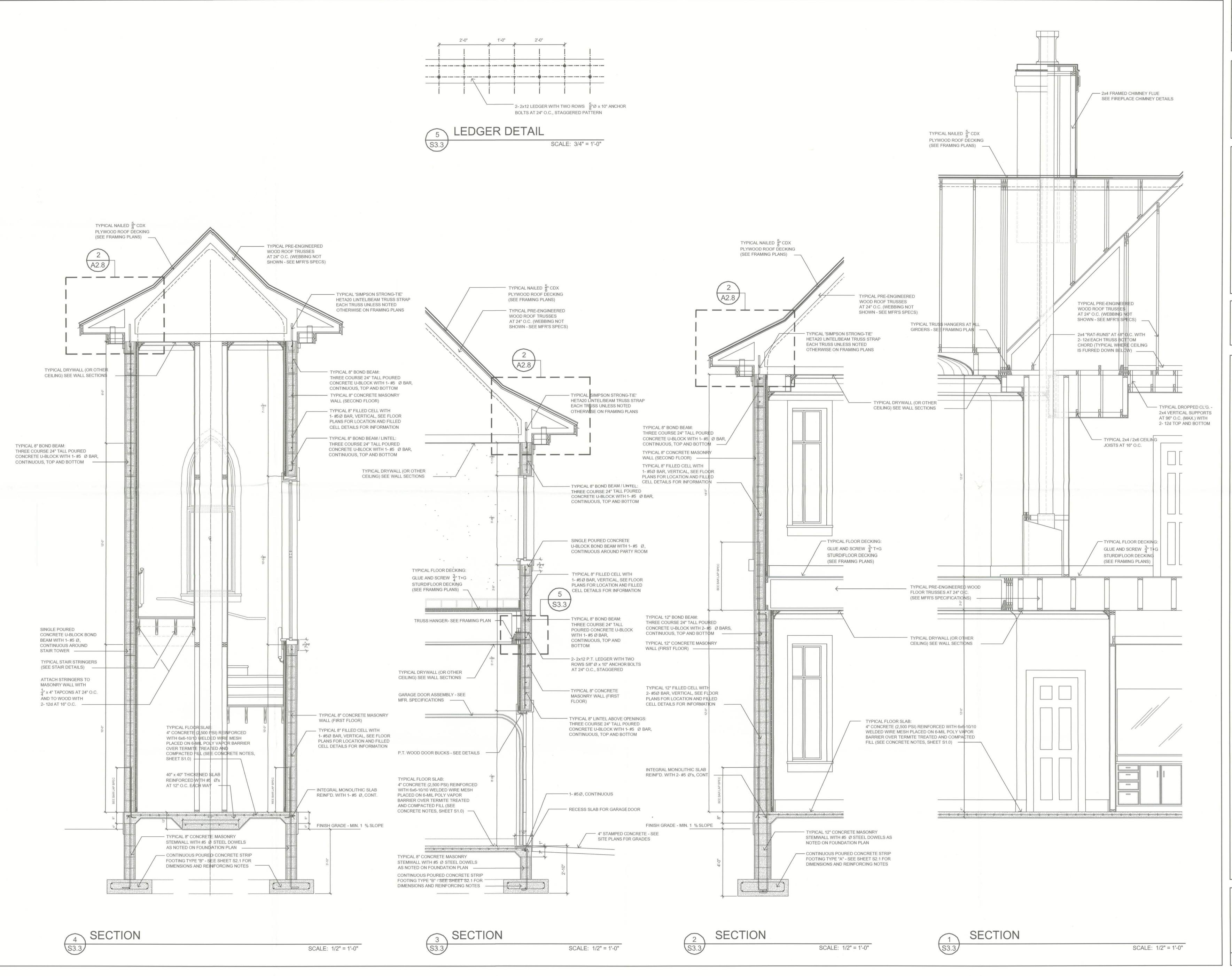


DATE REMARK △ 09.07.12 PERMIT SET

PLANS PREPARED BY AND UNDER THE DRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

SHEET NUMBER



12:43:41 AM

DATE REMARK

O9.07.12 PERMIT SET

400

STRUCTURAL PLAN SERVICE INC. COA #27152
Post Office Box 940128
Maitland, FL 32794
Phone (407) 295-8155
Fax (407) 295-8141
Ken Ehlers P.E.# 18243
LICENSED PROFESSIONAL ENGINEER

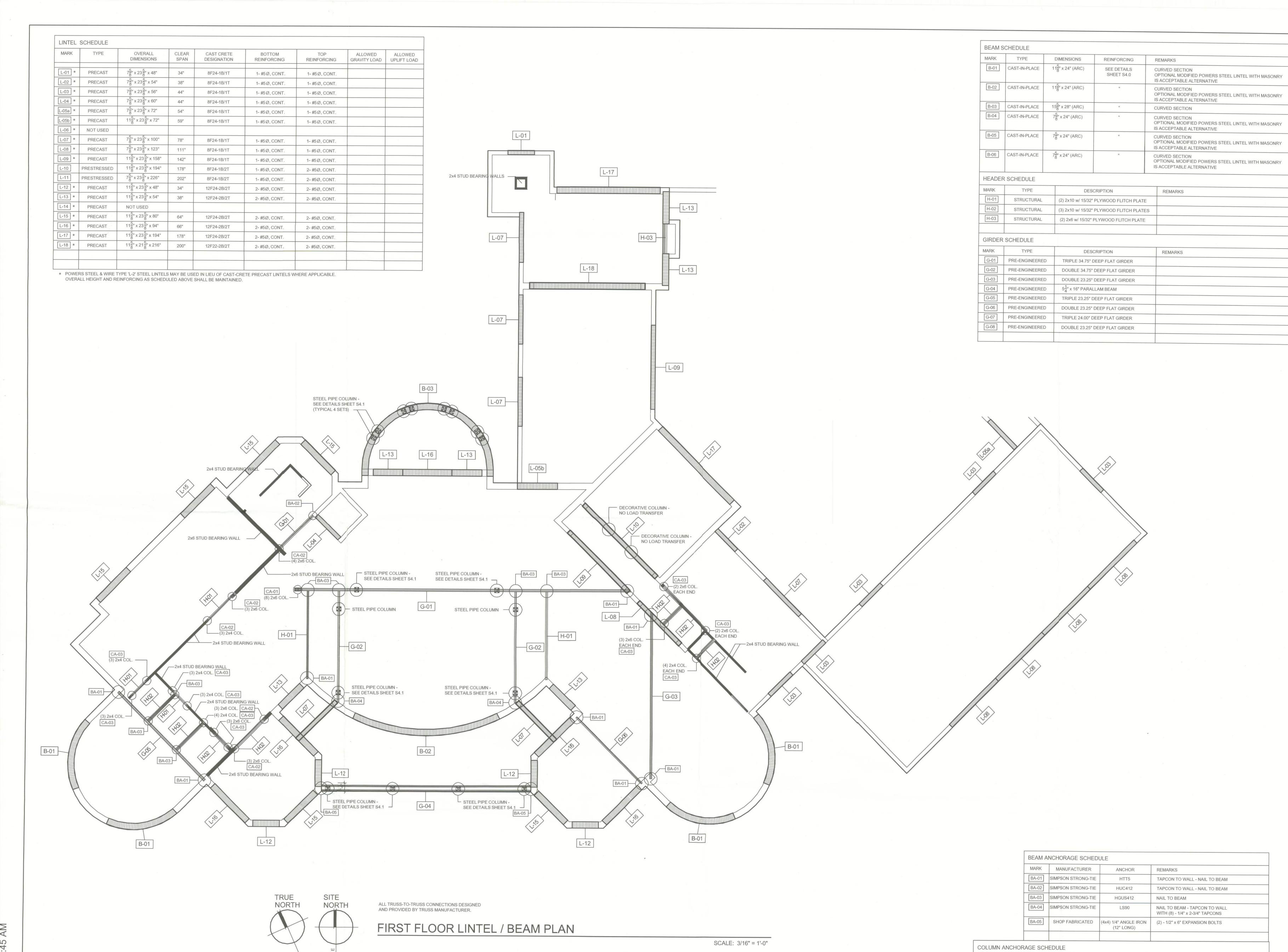
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WÖODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL
DABCEL NO 30-38-16-02414-101

SHEET NUMBER

S3.3



POWERS STEEL & WIRE TYPE 'L-2' STEEL LINTELS MAY BE USED IN LIEU OF CAST-CRETE PRECAST LINTELS AND CAST-IN-PLACE BEAMS WHERE APPLICABLE. OVERALL HEIGHT

AND REINFORCING AS SCHEDULED ABOVE SHALL BE MAINTAINED.

DATE REMARK **○ 09.07.12** PERMIT SET

PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E. PETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

SHEET NUMBER

MARK MANUFACTURER

CA-01 SIMPSON STRONG-TIE (2) HTS20 STRAPS

CA-02 SIMPSON STRONG-TIE (2) MTS16 STRAPS

CA-03 SIMPSON STRONG-TIE (1) LSTA STRAP

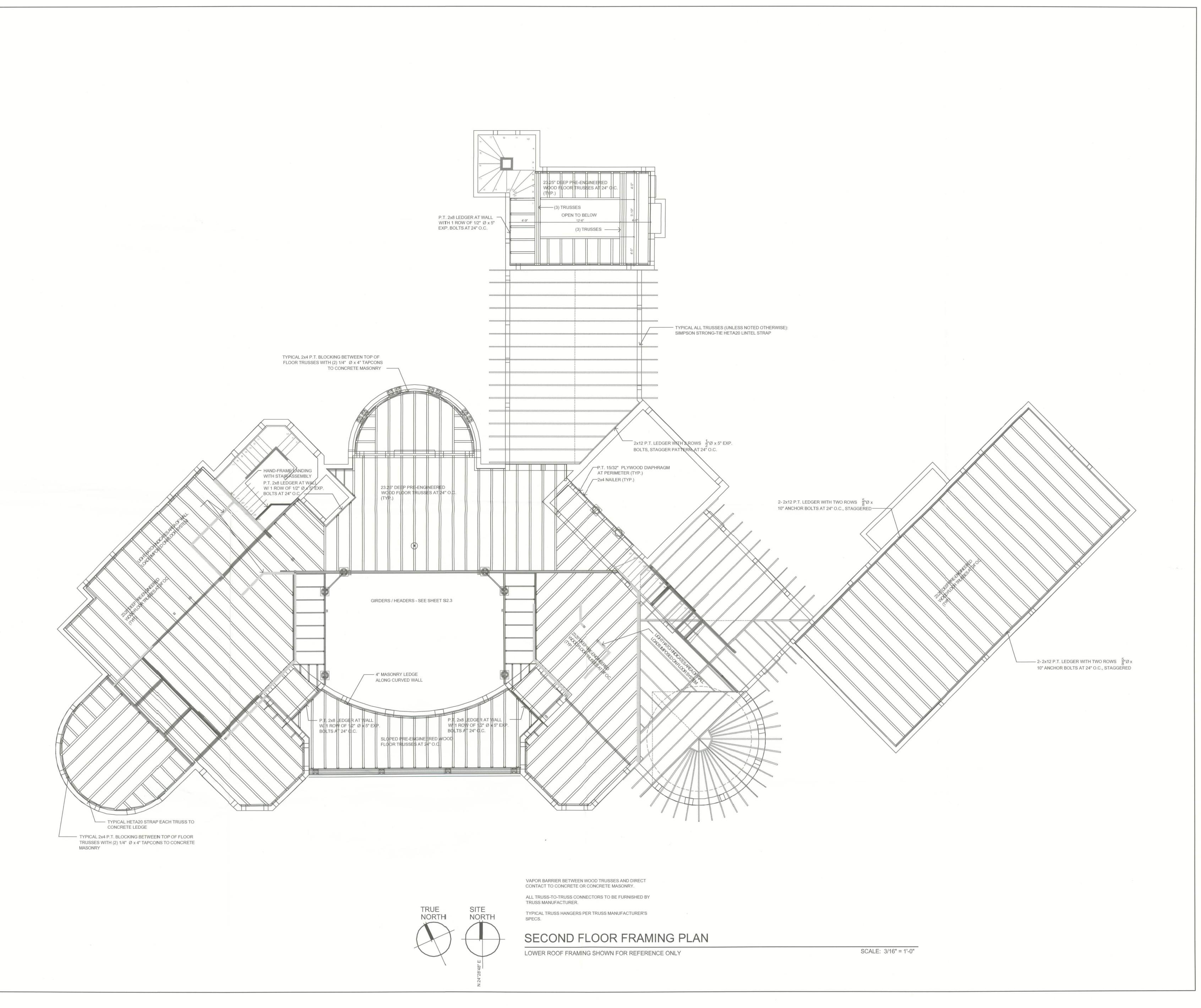
ANCHOR TOP

ANCHOR BOTTOM REMARKS

SP4/6 OR SSP CLIP EACH STUD

HTT5

LTT20B



9/7/2012 12:00:51 PM

DATE REMARK △ 09.07.12 PERMIT SET

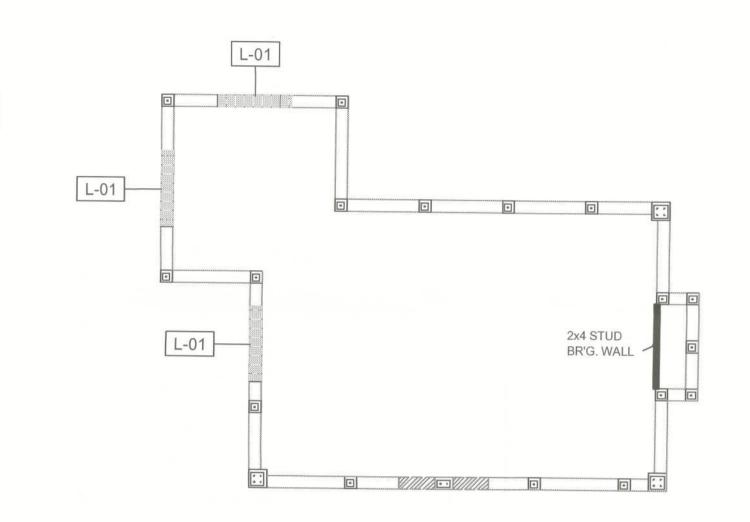
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E. PETER WÖÖDS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472

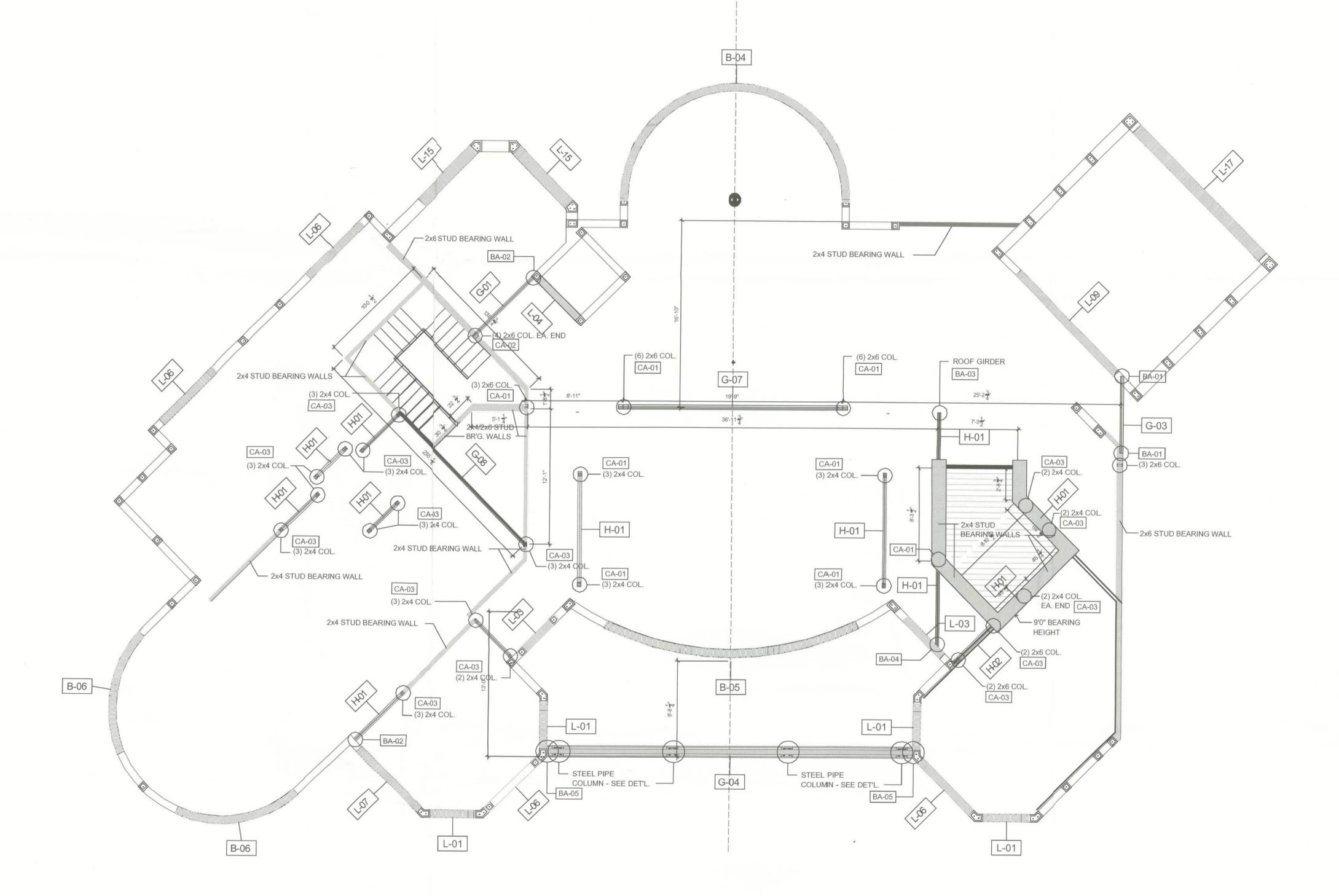
peter.woods@redesignguru.com (352) 575-4984

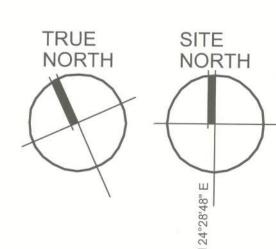
SHEET NUMBER

MARK	TYPE	OVERALL DIMENSIONS	CLEAR SPAN	CAST CRETE DESIGNATION	BOTTOM	TOP	ALLOWED	ALLOWED
		DIMENSIONS	SPAN	DESIGNATION	REINFORCING	REINFORCING	GRAVITY LOAD	UPLIFT LOAD
L-01 *	PRECAST	$7\frac{5}{8}$ " x 23 $\frac{5}{8}$ " x 48"	34"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-02 *	PRECAST	7 <del>5</del> " x 23 <del>5</del> " x 54"	38"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-03 *	PRECAST	7 <del>5</del> " x 23 <del>5</del> " x 56"	44"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-04 *	PRECAST	7 <del>5</del> " x 23 <del>5</del> " x 60"	44"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-05a *	PRECAST	$7\frac{5}{8}$ " x 23 $\frac{5}{8}$ " x 72"	54"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-05b *	PRECAST	11 <del>5</del> " x 23 <del>5</del> " x 72"	59"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-06 *	NOT USED							
L-07 *	PRECAST	$7\frac{5}{8}$ " x 23 $\frac{5}{8}$ " x 100"	78"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-08 *	PRECAST	7 <del>5</del> " x 23 <del>5</del> " x 123"	111"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-09 *	PRECAST	11 <u>5</u> " x 23 <u>5</u> " x 158"	142"	8F24-1B/1T	1- #5Ø, CONT.	1- #5Ø, CONT.		
L-10	PRESTRESSED	11 <del>5</del> " x 23 <del>5</del> " x 194"	178"	8F24-1B/2T	1- #5Ø, CONT.	2- #5 Ø, CONT.		
L-11	PRESTRESSED	$7\frac{5}{8}$ " x 23 $\frac{5}{8}$ " x 226"	202"	8F24-1B/2T	1- #5Ø, CONT.	2- #5 Ø, CONT.		
L-12 *	PRECAST	11 <del>5</del> " x 23 <del>5</del> " x 48"	34"	12F24-2B/2T	2- #5 Ø, CONT.	2- #5 Ø, CONT.		
L-13 *	PRECAST	11 <del>5</del> " x 23 <del>5</del> " x 54"	38"	12F24-2B/2T	2- #5 Ø, CONT.	2- #5 Ø, CONT.		
L-14 *	PRECAST	NOT USED						
L-15 *	PRECAST	$11\frac{5}{8}$ " x $23\frac{5}{8}$ " x $80$ "	64"	12F24-2B/2T	2- #5 Ø, CONT.	2- #5 Ø, CONT.		
L-16 *	PRECAST	$11\frac{5}{8}$ " x $23\frac{5}{8}$ " x $94$ "	66"	12F24-2B/2T	2- #5 Ø, CONT.	2- #5 Ø, CONT.		4
L-17 *	PRECAST	11 <u>5</u> " x 23 <u>5</u> " x 194"	178"	12F24-2B/2T	2- #5 Ø, CONT.	2- #5 Ø, CONT.		
L-18 *	PRECAST	$11\frac{5}{8}$ " x $21\frac{5}{8}$ " x $216$ "	200"	12F22-2B/2T	2- #5Ø, CONT.	2- #5 Ø, CONT.		

\* POWERS STEEL & WIRE TYPE 'L-2' STEEL LINTELS MAY BE USED IN LIEU OF CAST-CRETE PRECAST LINTELS WHERE APPLICABLE. OVERALL HEIGHT AND REINFORCING AS SCHEDULED ABOVE SHALL BE MAINTAINED.







ALL TRUSS-TO-TRUSS CONNECTIONS DESIGNED AND PROVIDED BY TRUSS MANUFACTURER.

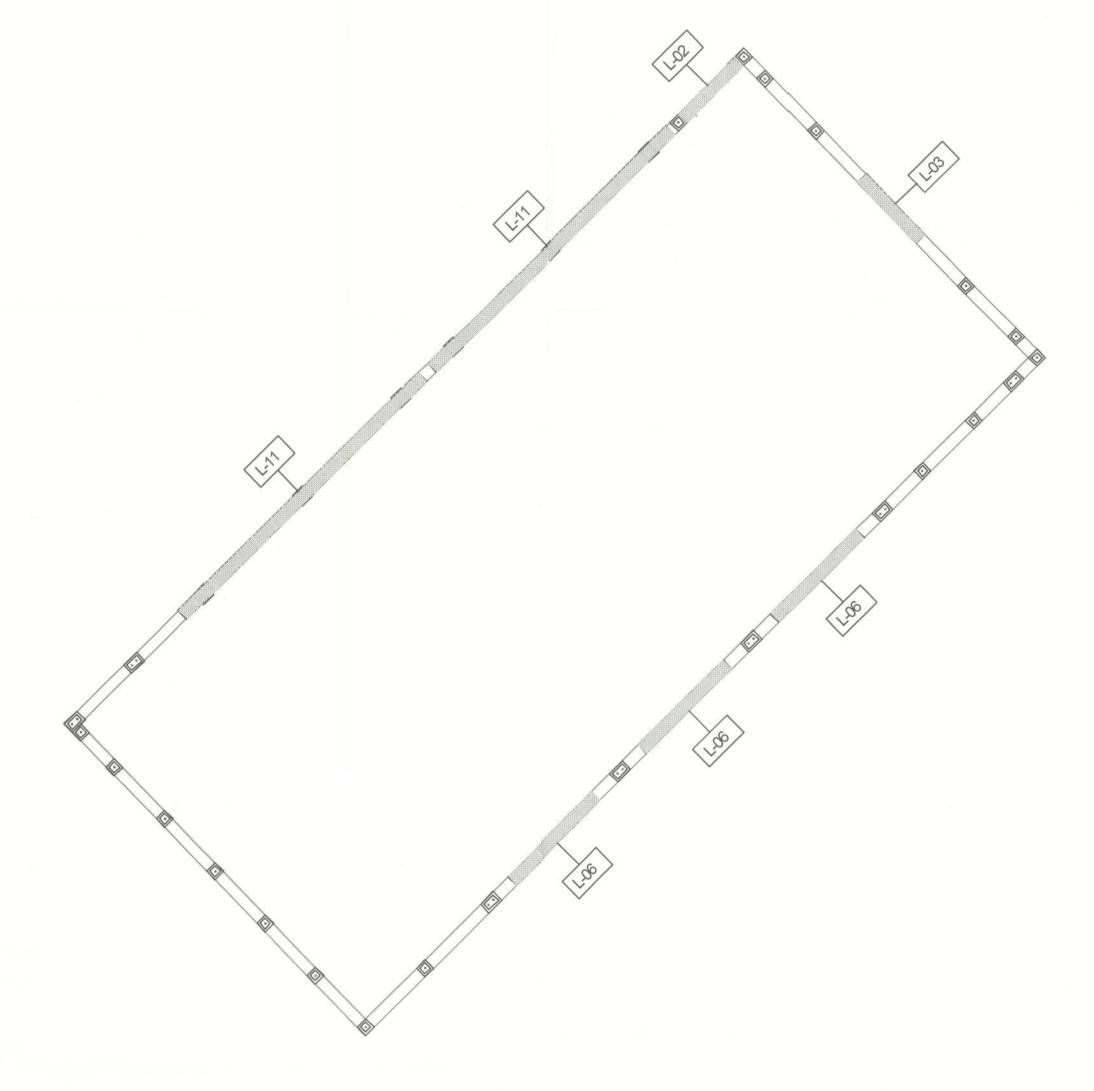
## SECOND FLOOR LINTEL/BEAM PLAN

NOTE:

POWERS STEEL & WIRE TYPE 'L-2' STEEL LINTELS MAY BE USED IN LIEU OF CAST-CRETE PRECAST LINTELS WHERE APPLICABLE. OVERALL HEIGHT AND REINFORCING AS SCHEDULED ABOVE SHALL BE MAINTAINED.

BEAM S	CHEDULE				
MARK	TYPE	DIMENSIONS	REINFORCING	REMARKS	
B-01	CAST-IN-PLACE	11 <del>5</del> " x 24" (ARC)	SEE DETAILS SHEET S4.0	CURVED SECTION OPTIONAL MODIFIED POWERS STEEL LINTEL WITH MASONS IS ACCEPTABLE ALTERNATIVE	
B-02	CAST-IN-PLACE	11 <del>5</del> " x 24" (ARC)	"	CURVED SECTION OPTIONAL MODIFIED POWERS STEEL LINTEL WITH MASONR IS ACCEPTABLE ALTERNATIVE	
B-03	CAST-IN-PLACE	$15\frac{5}{8}$ " x 28" (ARC)	п	CURVED SECTION	
B-04	CAST-IN-PLACE	7 <del>5</del> " x 24" (ARC)	"	CURVED SECTION OPTIONAL MODIFIED POWERS STEEL LINTEL WITH MASONF IS ACCEPTABLE ALTERNATIVE	
B-05	CAST-IN-PLACE	7 <del>5</del> " × 24" (ARC)	п	CURVED SECTION OPTIONAL MODIFIED POWERS STEEL LINTEL WITH MASONR IS ACCEPTABLE ALTERNATIVE	
B-06	CAST-IN-PLACE $7\frac{5}{8}$ " x 24" (ARC		п	CURVED SECTION OPTIONAL MODIFIED POWERS STEEL LINTEL WITH MASONI IS ACCEPTABLE ALTERNATIVE	
HEADER	SCHEDULE				
MARK	TYPE	DES	CRIPTION	REMARKS	
H-01	STRUCTURAL	(2) 2x10 w/ 15/32"	PLYWOOD FLITCH PLAT		
H-02	STRUCTURAL	(3) 2x10 w/ 15/32"	PLYWOOD FLITCH PLATE	ES	
H-03	STRUCTURAL	(2) 2x6 w/ 15/32" PLYWOOD FLITCH PLATE			

MARK	TYPE	DESCRIPTION	REMARKS
G-01	PRE-ENGINEERED	TRIPLE 34.75" DEEP FLAT GIRDER	
G-02	PRE-ENGINEERED	DOUBLE 34.75" DEEP FLAT GIRDER	
G-03	PRE-ENGINEERED	DOUBLE 23.25" DEEP FLAT GIRDER	
G-04	PRE-ENGINEERED	5 <sup>1</sup> / <sub>4</sub> " x 16" PARALLAM BEAM	
G-05	PRE-ENGINEERED	TRIPLE 23.25" DEEP FLAT GIRDER	
G-06	PRE-ENGINEERED	DOUBLE 23.25" DEEP FLAT GIRDER	
G-07	PRE-ENGINEERED	TRIPLE 24.00" DEEP FLAT GIRDER	
G-08	PRE-ENGINEERED	DOUBLE 23.25" DEEP FLAT GIRDER	



BEAM A	NCHORAGE SCHED	ULE	
MARK	MANUFACTURER	ANCHOR	REMARKS
BA-01	SIMPSON STRONG-TIE	HTT5	TAPCON TO WALL - NAIL TO BEA
BA-02	SIMPSON STRONG-TIE	HUC412	TAPCON TO WALL - NAIL TO BEA
BA-03	SIMPSON STRONG-TIE	HGUS412	NAIL TO BEAM
BA-04	SIMPSON STRONG-TIE	LS90	NAIL TO BEAM - TAPCON TO WAL WITH (8) - 1/4" x 2-3/4" TAPCONS
BA-05	SHOP FABRICATED	(4x4) 1/4" ANGLE IRON (12" LONG)	(2) - 1/2" x 6" EXPANSION BOLTS

COLUMN ANCHORAGE SCHEDULE

MARK	MANUFACTURER	ANCHOR TOP	ANCHOR BOTTOM	REMARKS
CA-01	SIMPSON STRONG-TIE	(2) HTS20 STRAPS	HTT5	
CA-02	SIMPSON STRONG-TIE	(2) MTS16 STRAPS	LTT20B	
CA-03	SIMPSON STRONG-TIE	(1) LSTA STRAP	SP4/6 OR SSP CLIP	EACH STUD

DATE REMARK

©9.07.12 PERMIT SET

480ec

STRUCTURAL PLAN SERVICE INC. COA #27152
Post Office Box 940126
Maitland, FL 32794
Phone (407) 295-8155
Fax (407) 295-8155
Ken Ehlers P.E.# 18243
LICENSED PROFESSIONAL ENGINEER

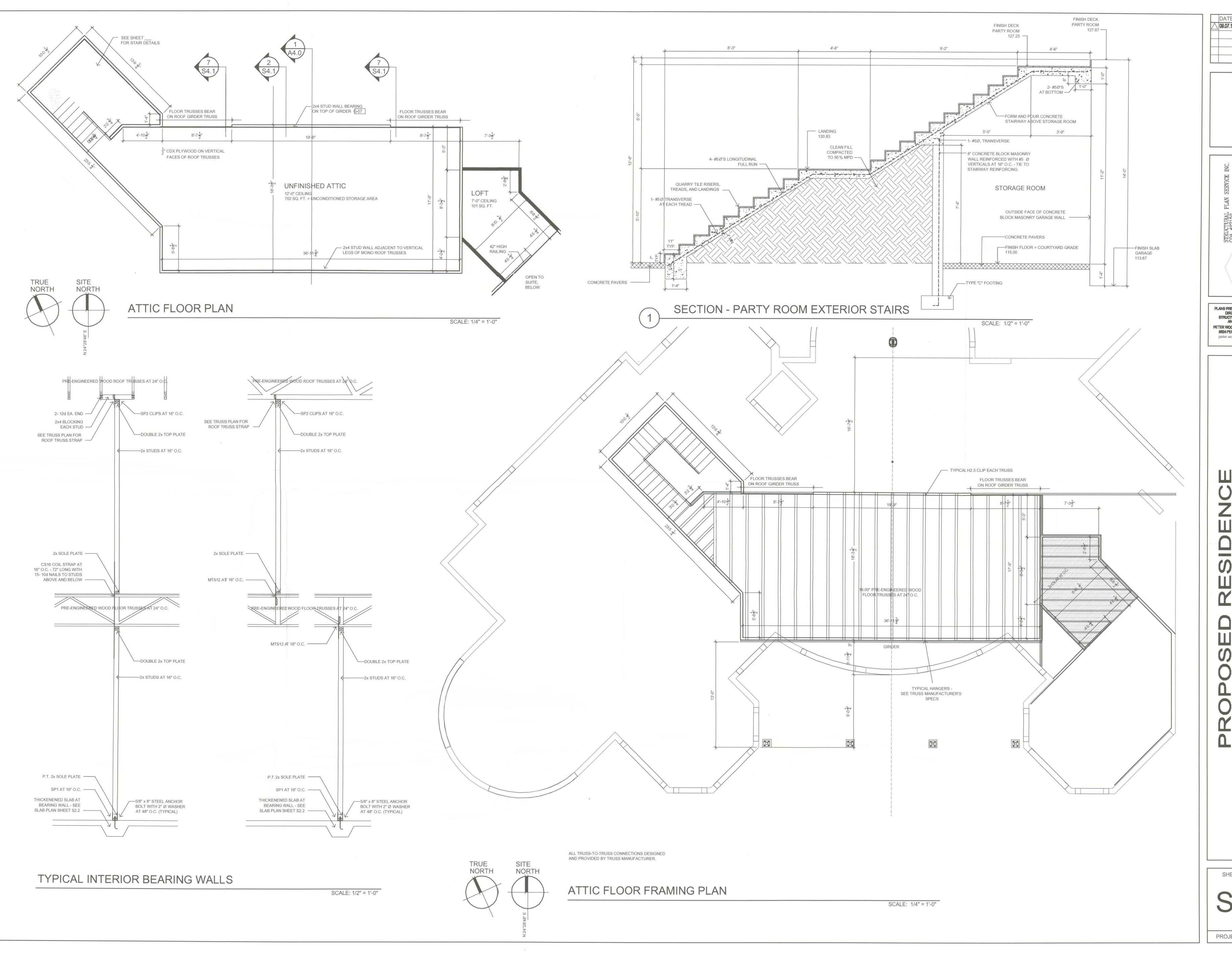
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WOODS, RESIDENTIAL DESKONER 6524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL
DARCEI NO. 30, 36, 16, 024, 1, 104

SHEET NUMBER

S2.5



9/7/2012 12:02:35 PM

DATE REMARK

O9.07.12 PERMIT SET

of a Carlo

STRUCTURAL PLAN SERVICE INC COA #27152
Post Office Box 940128
Maitland, FL 32794
Phone (407) 295-8155
Fax (407) 295-8141
Ken Ehlers P.E.# 18243
LICENSED PROFESSIONAL ENGINEER

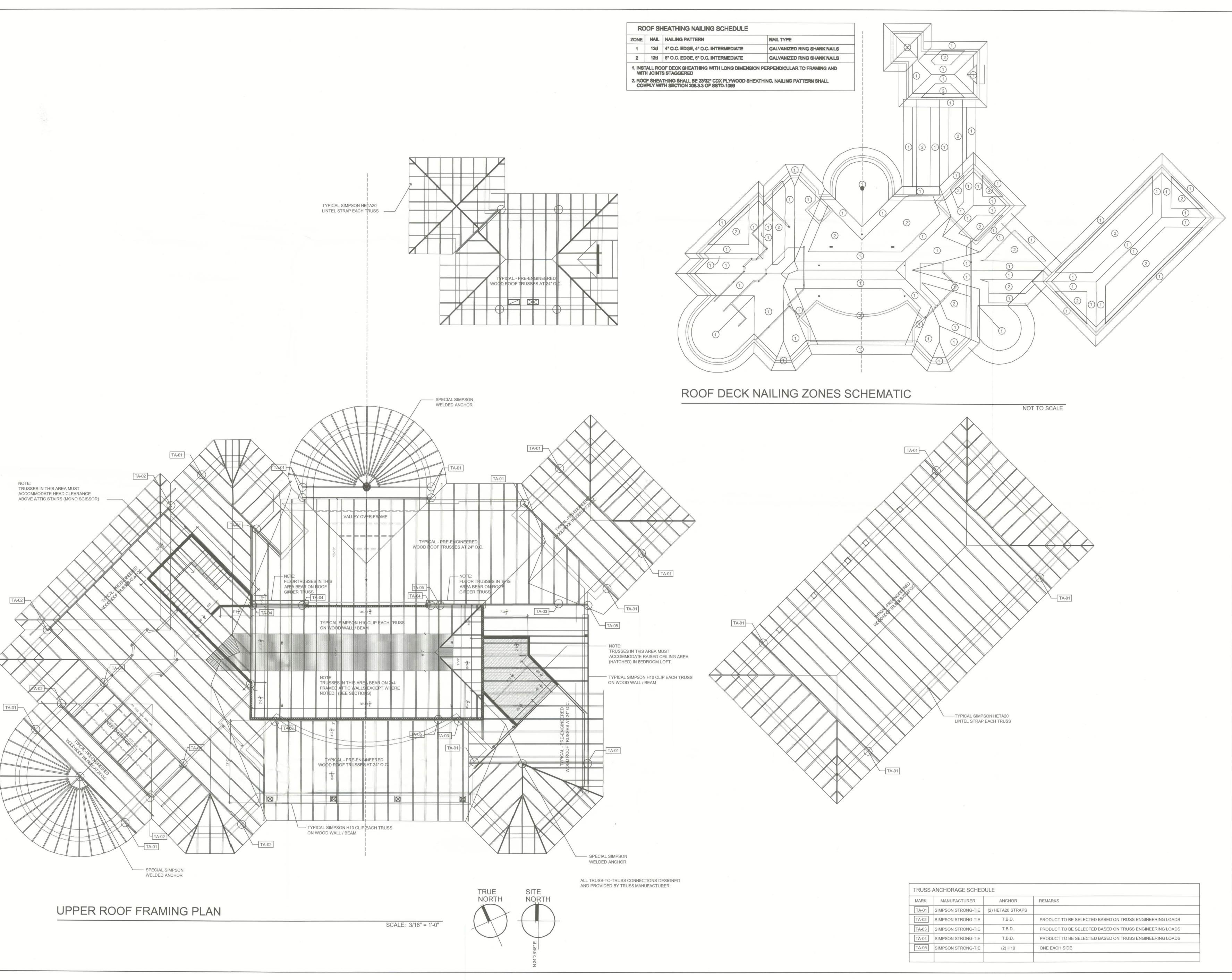
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL
DARCEI NO 30-38-16-02411-101

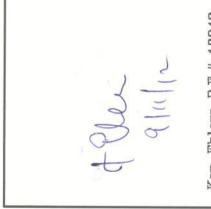
SHEET NUMBER

S2.6



DATE REMARK

©9.07.12 PERMIT SET



STRUCTURAL PLAN SERVICE INC.
COA #27152
Post Office Box 940128
Maitland, FL 32794
Phone (407) 295-8155
Fax (407) 295-8141
Ken Ehlers P.E.# 18243
ICENSED PROFESSIONAL ENGINEER

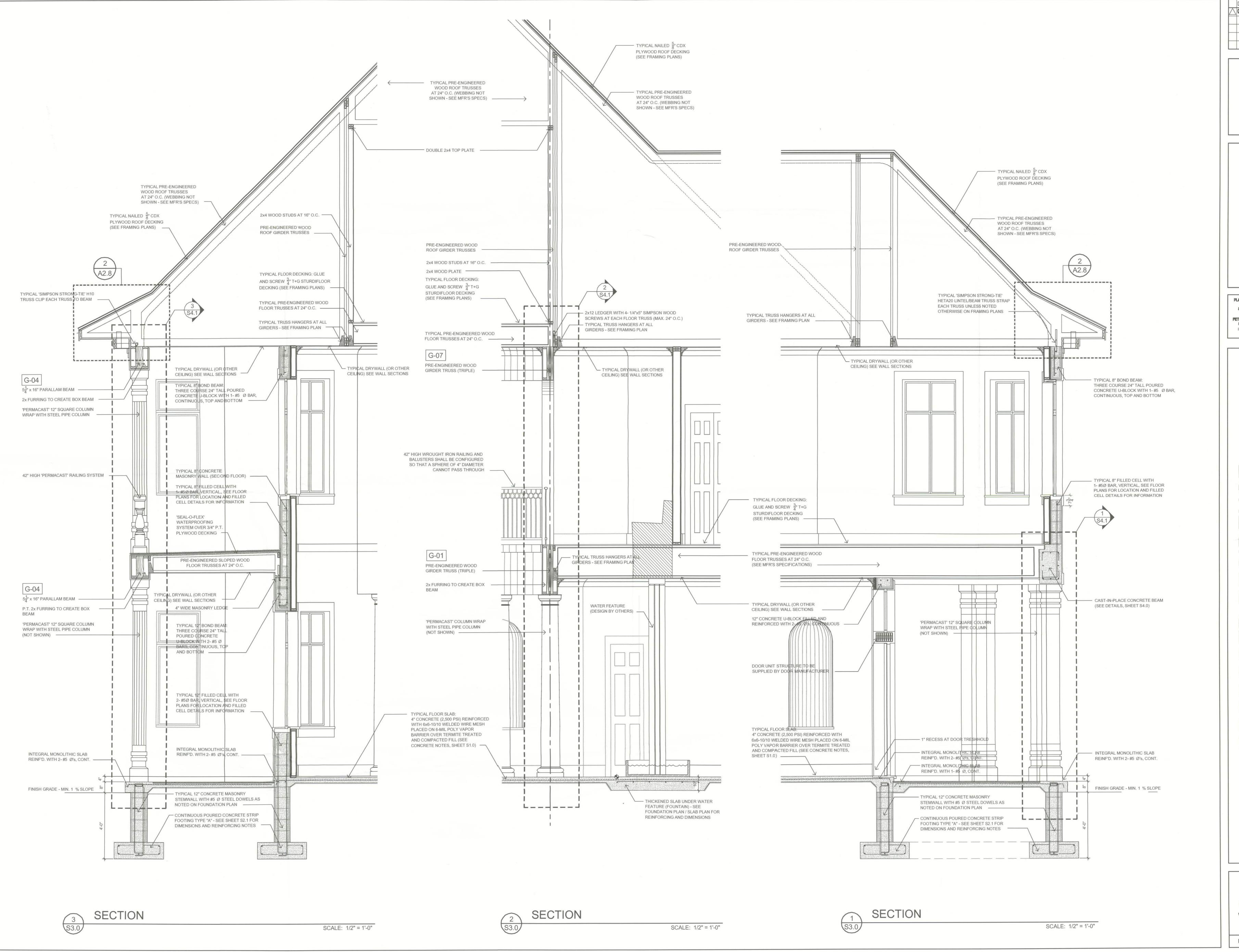
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL. 34472 peter.woods@redesignguru.com (352) 575-4984

R. AND MRS. MINESH PATE
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL

SHEET NUMBER

S2.7



9/7/2012 12:33:56 AM

DATE REMARK

OP.07.12 PERMIT SET

A 2000 11 (1 / 12 Ken Eblers P.E.# 18243

10x 940128 32794 295-8155 5-8141 3.E.# 18243 ENGINEER

SPS Post Office Box 940128
Reitland, FL 32794
Phone (407) 295-8155
Fax (407) 295-8141
Ken Ehlers P.E.# 18243
LICENSED PROFESSIONAL ENGINEER

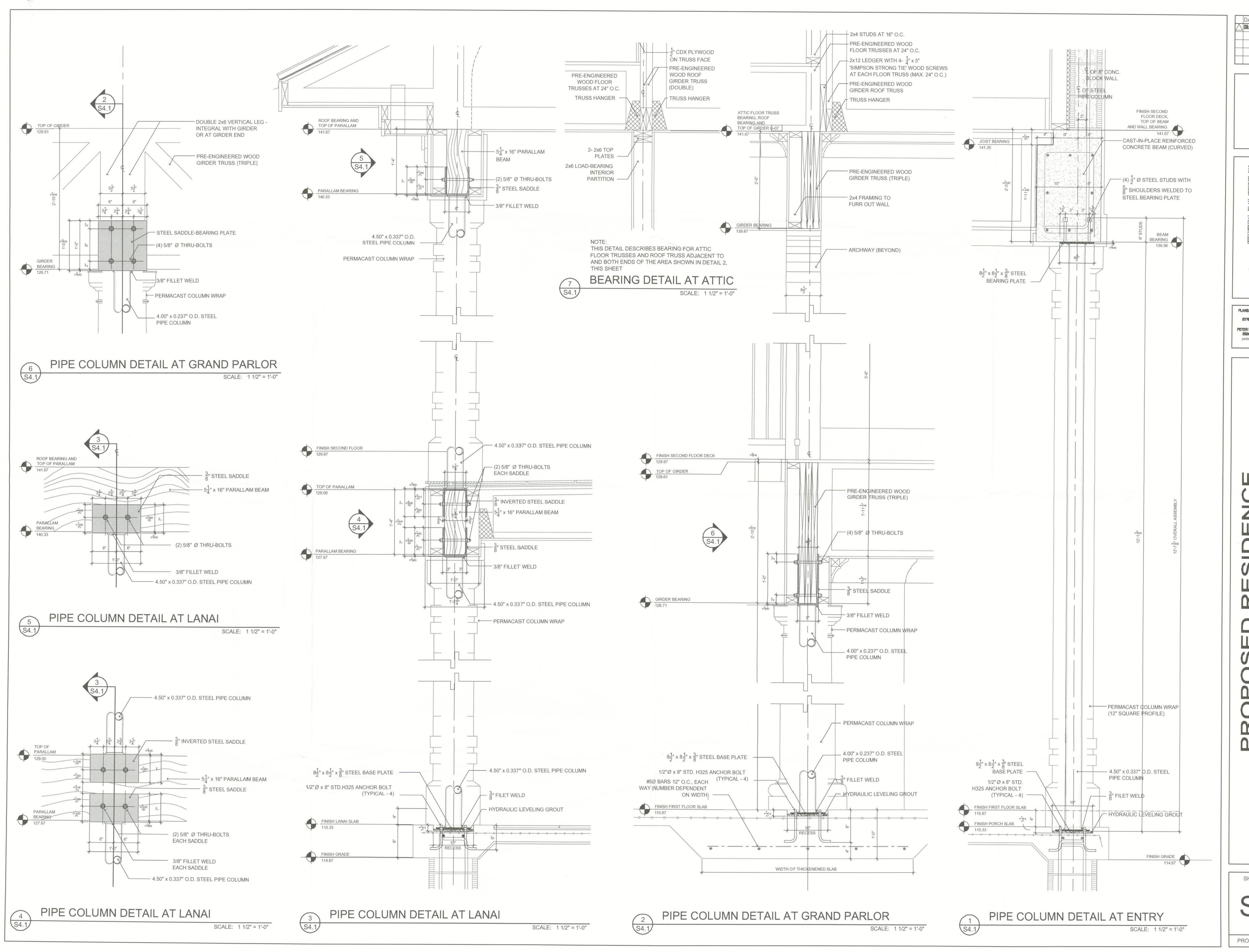
PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.
FETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL

SHEET NUMBER

S3.0



AM

5/2012 10:43:54

DATE REMARK

D9.07.12 PERMIT SET

Alula 9/11/12 Eblers P.E.# 18243

STRUCTURAL PLAN SERVICE INC. COA #27152
Post Office Box 940128
Maitland, FL 32794
Phone (407) 295-8155
Fax (407) 295-8141
Ken Ehlers P.E.# 16243
LICENSED PROFESSIONAL ENGINEER

PLANS PREPARED BY AND UNDER THE DRECT SUPERVISION OF STRUCTURAL PLAN SERVICE, INC. AND KEN EHLERS, P.E.

PETER WOODS, RESIDENTIAL DESIGNER 5524 PECAN RD., OCALA, FL 34472 peter.woods@redesignguru.com (352) 575-4984

DR. AND MRS. MINESH PATEL
LOT 1, HILLS OF WINDSOR, COLUMBIA COUNTY, FL
PARCEL NO. 30-38-16-02411-101

SHEET NUMBER

S4.1