

Office copy



FRONT ELEVATION
SCALE: 3/8" = 1'-0"



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



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



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

AREA SUMMARY

LIVING AREA -	1792.5 SF
GARAGE -	529.1 SF
PORCHES -	172.0 SF
TOTAL AREA -	2493.6 SF

ELEVATION PLAN

SCALE: AS NOTED

FIRST IMPRESSIONS
ARCHITECTURAL DESIGN, LLC
2109 W. US HWY 90 SUITE 110-144
LAKE CITY, FL 32055
PHONE: (386) 755-8887

DATE:

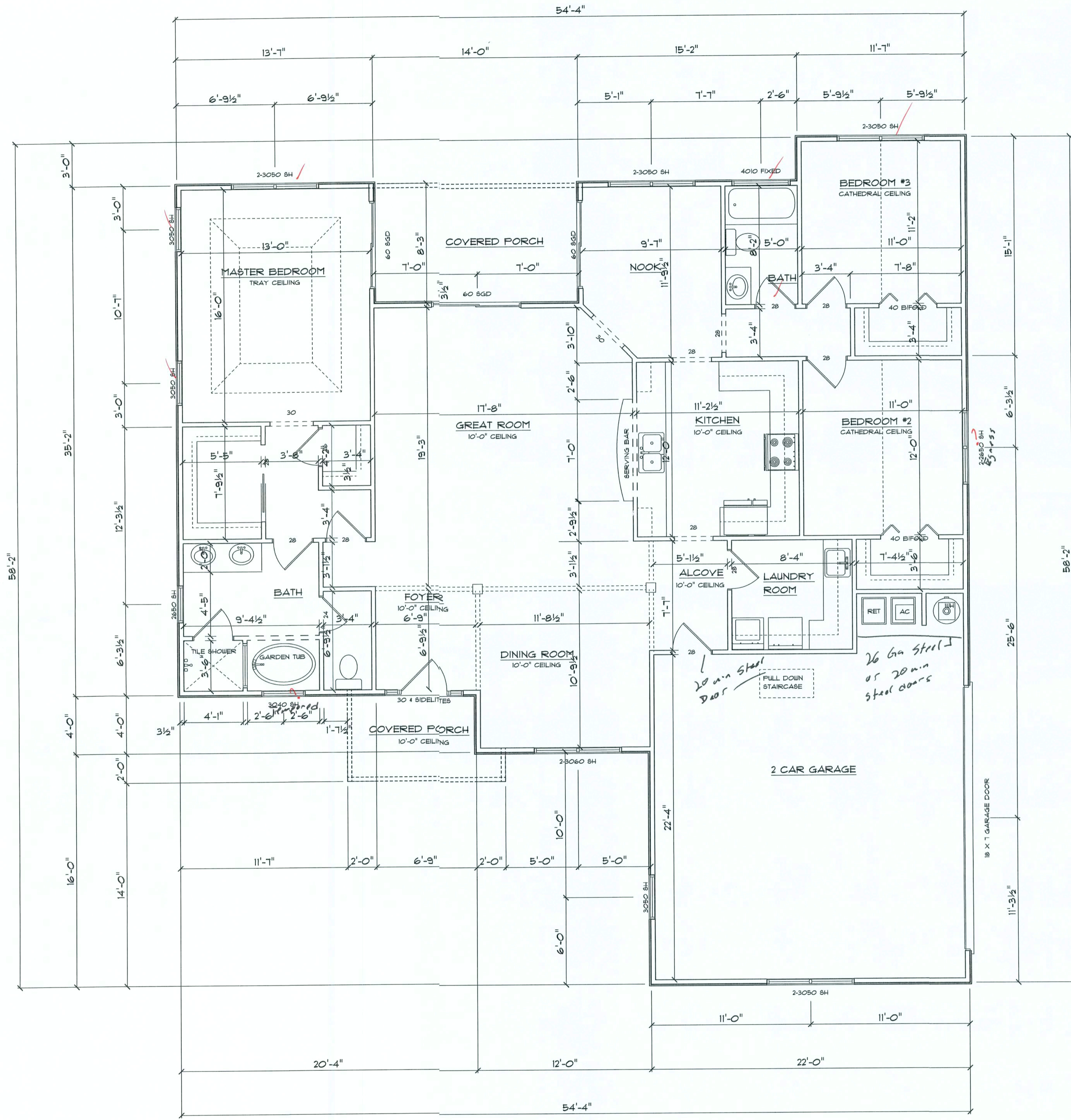
CHECKED BY:

SHEET NUMBER

A-1
OF 4 SHEETS

DESIGNER:
BRIAN CRAWFORD

NEW SINGLE FAMILY DWELLING FOR:
WISE ESTATES LOT 42



AREA SUMMARY

LIVING AREA -	1792.5 SF
GARAGE -	529.1 SF
PORCHES -	172.0 SF
TOTAL AREA -	2493.6 SF

MAIN FLOORPLAN

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

NEW SINGLE FAMILY DWELLING FOR: WISE ESTATES LOT 42

FIRST IMPRESSIONS
ARCHITECTURAL DESIGN, LLC
2109 W. US HWY 90 SUITE 110-144
LAKE CITY, FL 32085
PHONE: (386) 755-8887

DATE:

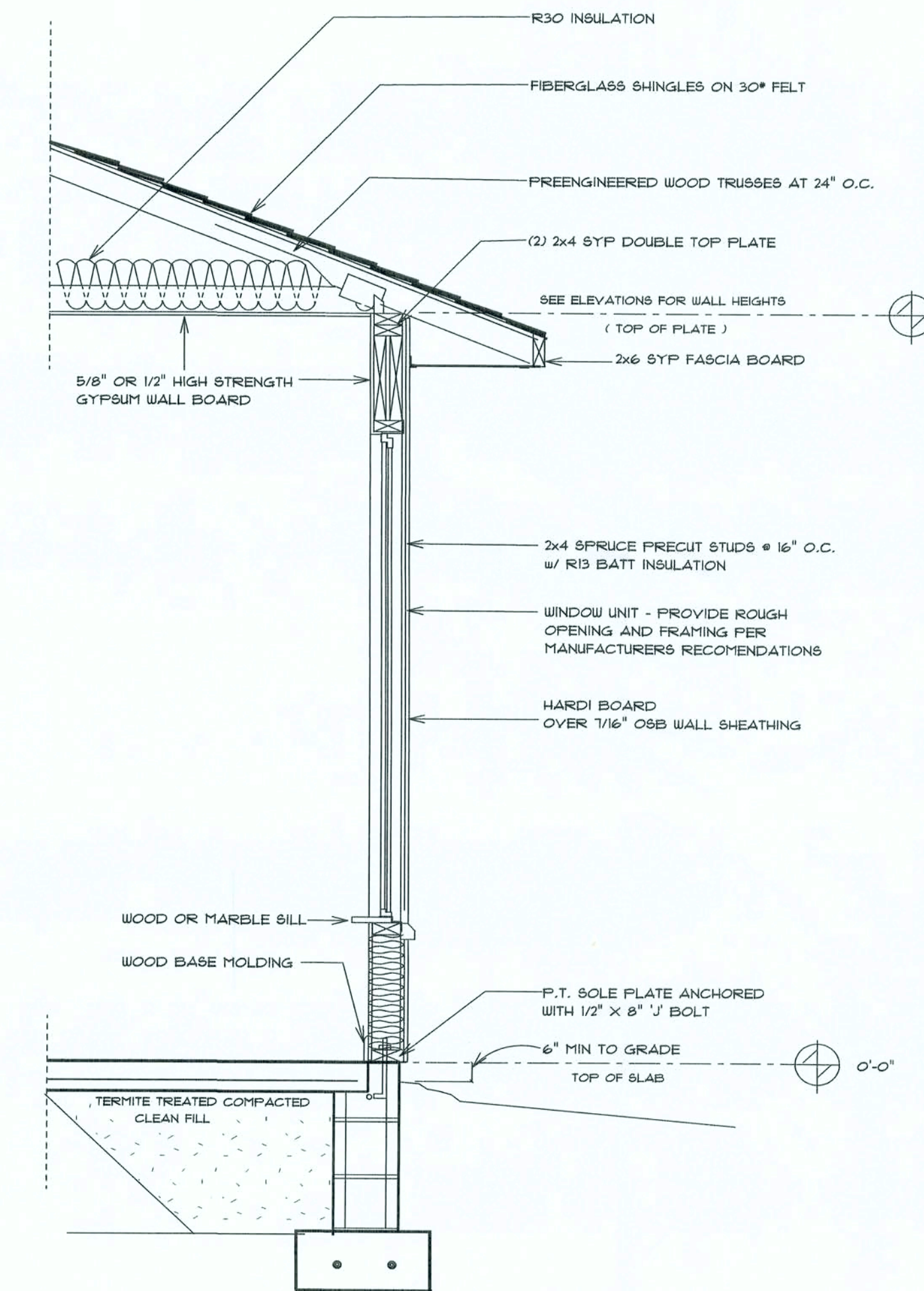
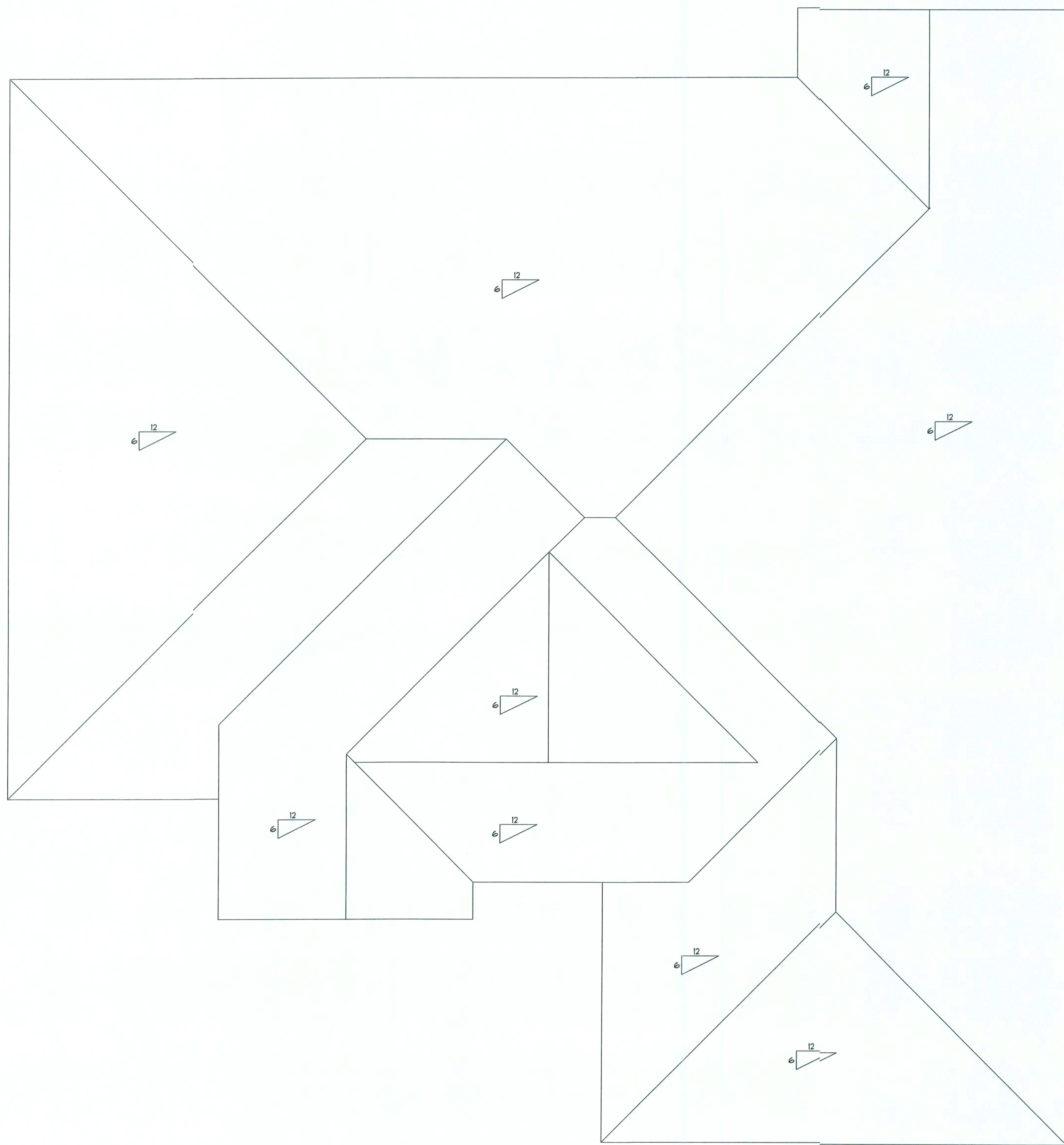
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SHEET NUMBER

A-2

OF 4 SHEETS

DESIGNER:
BRIAN CRAWFORD



TYPICAL WALL SECTION
2 X 4 STUD WALL W/ SIDING

AREA SUMMARY	
LIVING AREA -	1792.5 SF
GARAGE -	529.1 SF
PORCHES -	172.0 SF
TOTAL AREA -	2493.6 SF
ROOF PLAN	
SCALE: 1/4"=1'-0"	

FIRST IMPRESSIONS
ARCHITECTURAL DESIGN, LLC
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LAKE CITY, FL 32085
PHONE: (386) 755-8887

DATE:

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SHEET NUMBER

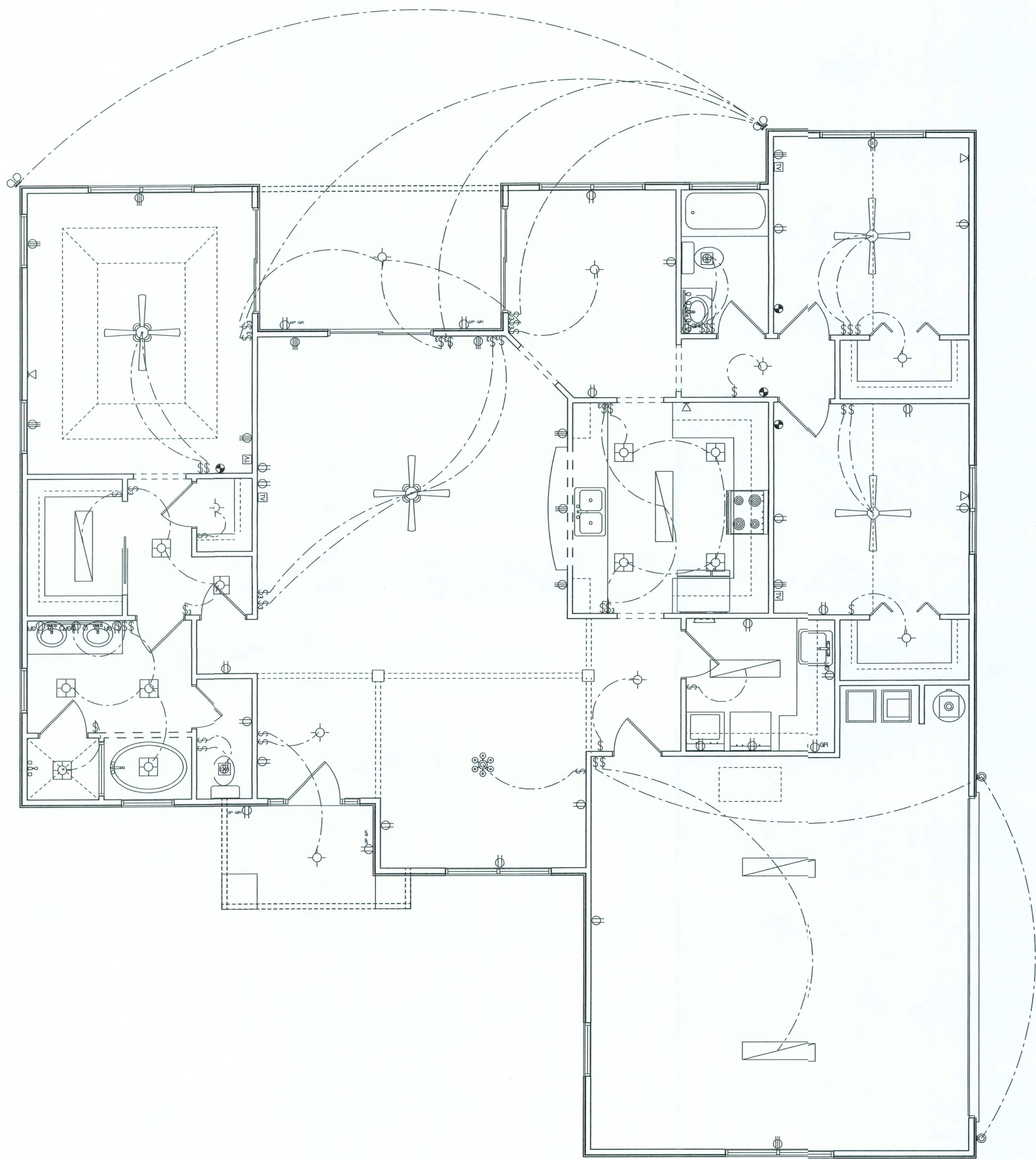
A-3

OF 4 SHEETS

DESIGNER:
BRIAN CRAWFORD

NEW SINGLE FAMILY DWELLING FOR:

WISE ESTATES LOT 42



ELECTRICAL PLAN NOTES

ALL RECEPTALS IN ALL BEDROOMS SHALL BE AFCI CIRCUITS

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECTING MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE 4-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

Overcurrent protection device shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

ELECTRICAL	COUNT	SYMBOL
ceilling fan	4	
can light	10	
chandelier	1	
double spotlight	2	
fluorescent fixture	5	
vanity bar light	2	
wall mount l	2	
electrical panel	1	
cable tv outlet	4	
fan with light	2	
light	9	
outlet	22	
outlet 220v	12	
outlet gfi	6	
smoke detector	4	
switch	28	
switch 3 way	16	
telephone	4	

AREA SUMMARY

LIVING AREA - 1792.5 SF
GARAGE - 529.1 SF
PORCHES - 172.0 SF
TOTAL AREA - 2493.6 SF

ELECTRICAL PLAN

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

NEW SINGLE FAMILY DWELLING FOR:
WISE ESTATES LOT 42

FIRST IMPRESSIONS
ARCHITECTURAL DESIGN, LLC
2109 W. US HWY 90 SUITE 110-144
LAKE CITY, FL 32085
PHONE: (386) 755-8887

DATE:

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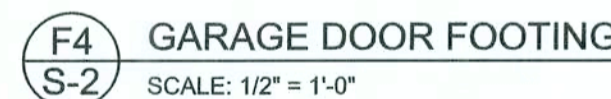
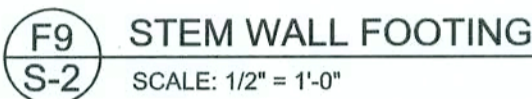
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A-4

OF 4 SHEETS

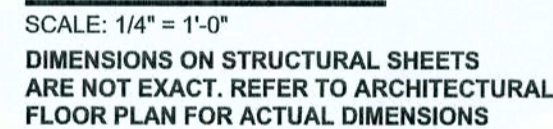
DESIGNER:
BRIAN CRAWFORD

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16"OC vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 3' CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48



WINDLOAD ENGINEER: Mark Discusway,
P.E. 53615, 308 B88, Lake City, FL
32066, 386-754-5419

DIMENSIONS:
Standard dimensions supercede scaled
dimensions. Refer all questions to
Mark Discusway, P.E. for resolution.
Do not proceed without clarification.

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form or manner without the express written
permission and consent of Mark Discusway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to wind engineering
comply with section 63.01 of the Florida building
code residential 2004, to the best of my
knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISCUSWAY
P.E. 53615

SEALED

Concept Construction
Of North Florida, Inc.

Spec House
Lot 42 Wise Estates S/D

ADDRESS:
Lot 42 Wise Estates S/D
Columbia County, Florida

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

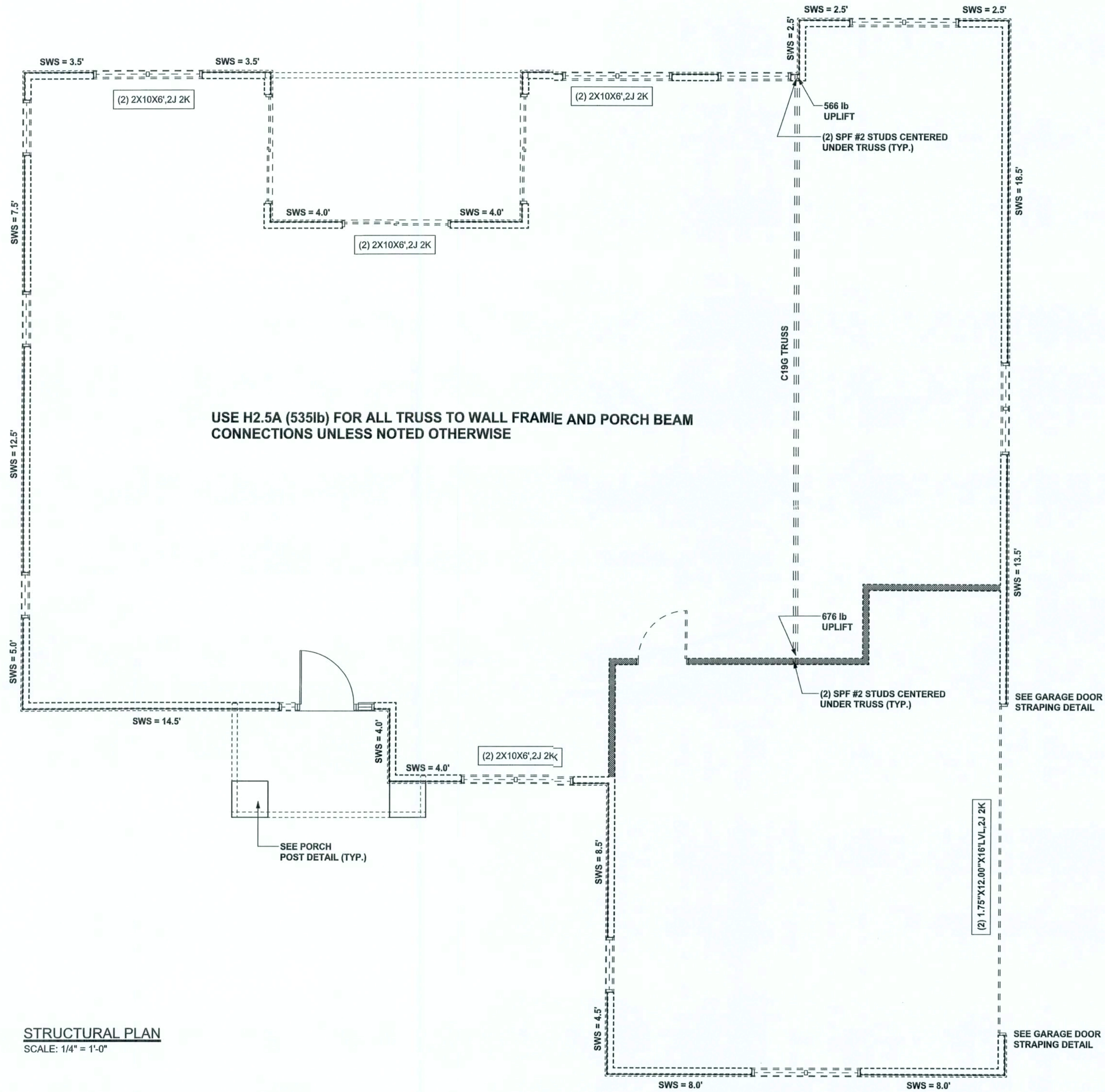
PRINTED DATE: March 01, 2006	
DRAWN BY:	CHECKED BY:

FINALS DATE: 01 / Mar / 06	
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JOB NUMBER: 602202

S-2
OF 3 SHEETS

REVISIONS	



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

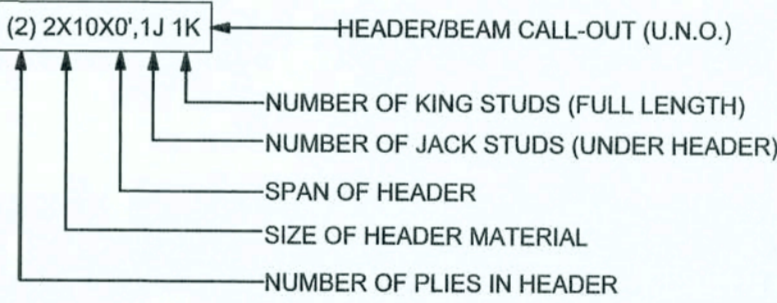
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03. BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
SWS = 0.0'	2ND FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
IBW	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
IBW	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

HEADER LEGEND



TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	34.5'	76.5'
LONGITUDINAL	29.6'	54.5'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. W.B. HOWLAND TRUSS CO. JOB #3217

WINDLOAD ENGINEER: Mark Disosway, P.E. No. 53915, PCB 868, Lake City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida building code residential 2004, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOSWAY
P.E. 53915
Mark Disosway
01 MAR 06
SEAL

Concept Construction
Of North Florida, Inc.

Spec House
Lot 42 Wise Estates S/D

ADDRESS:
Lot 42 Wise Estates S/D
Columbia County, Florida

Mark Disosway P.E.
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PRINTED DATE:
March 01, 2006

DRAWN BY: David Disosway
CHECKED BY:

FINALS DATE:
01 / Mar / 06

JOB NUMBER:
602202

DRAWING NUMBER

S-3
OF 3 SHEETS