

STANLEY CRAWFORD CONST. INC.

NEW CUSTOM HOME FOR:
May Fair Lot 18

BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
2109 W. U.S. HWY. 90 SUITE 110-144
LAKE CHARLES, LA 70605
(336) 755-8881

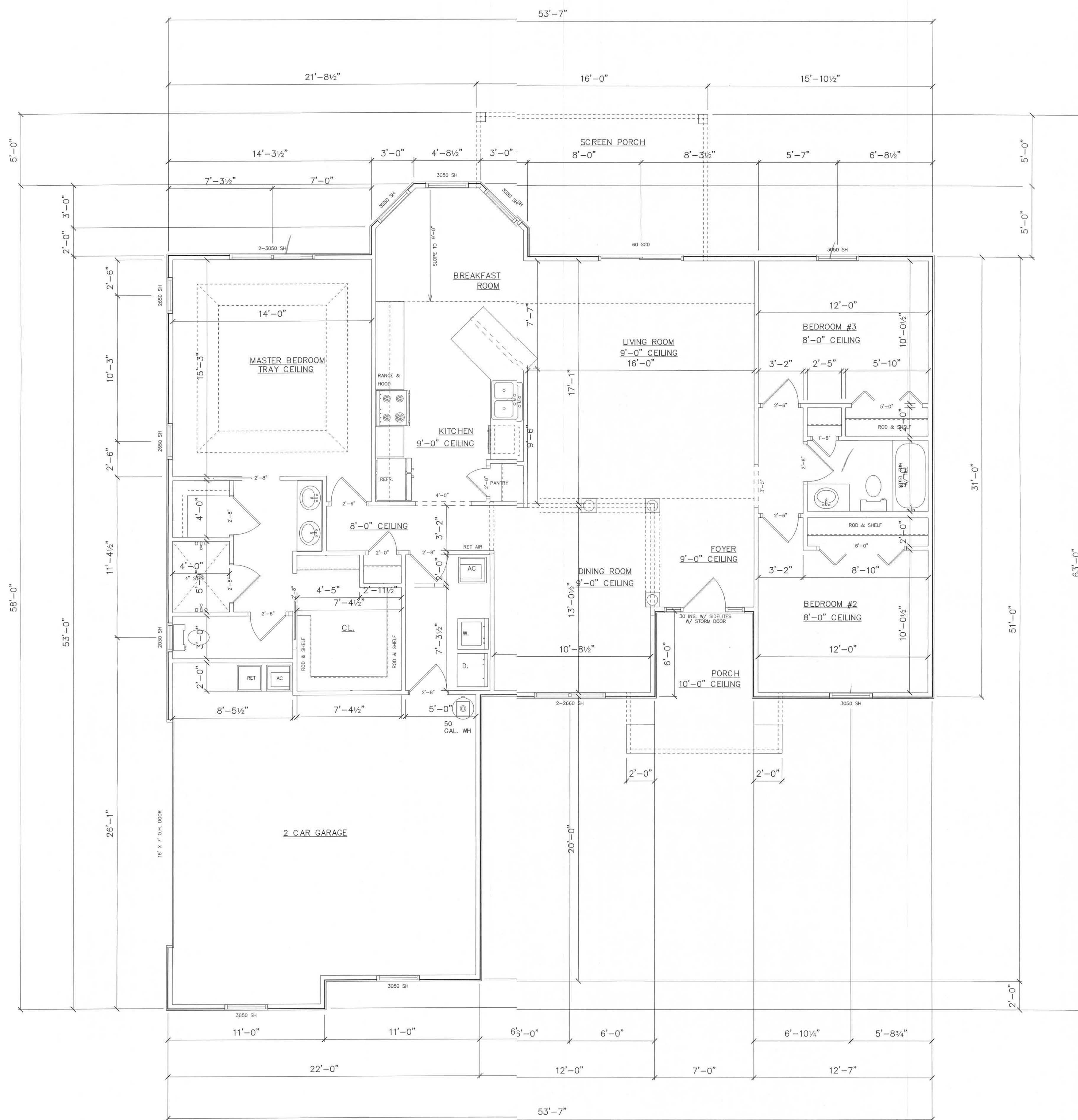
ELEVATION PLAN
SCALE: 1/4"=1'-0"

SHEET NUMBER

A-1
OF 4 SHEETS



AR0007005



AREA SUMMARY	
LIVING AREA -	1,642 SF
GARAGE -	483 SF
PORCHES -	234 SF
TOTAL AREA -	2,359 SF

STANLEY CRAWFORD CONST. INC.

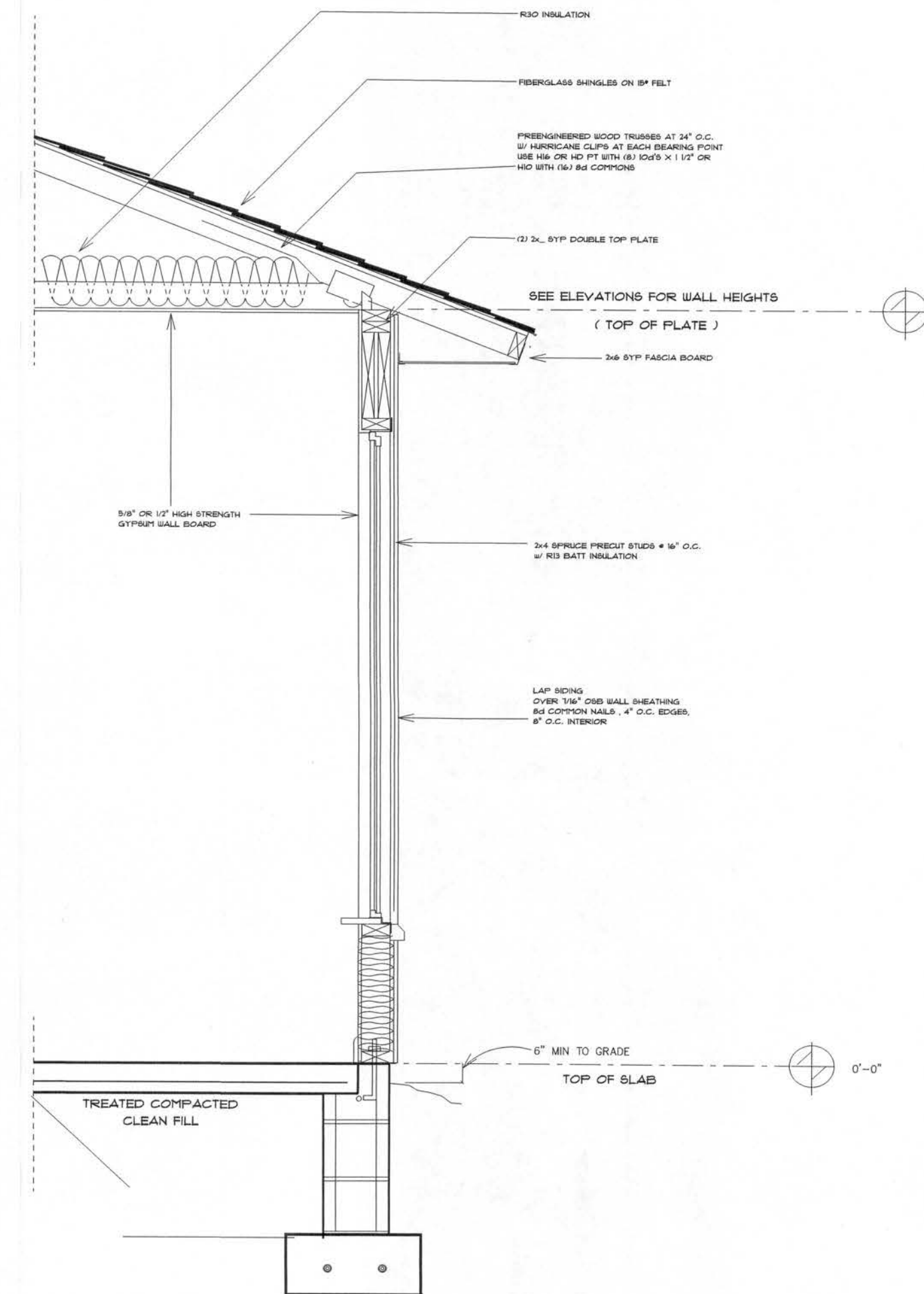
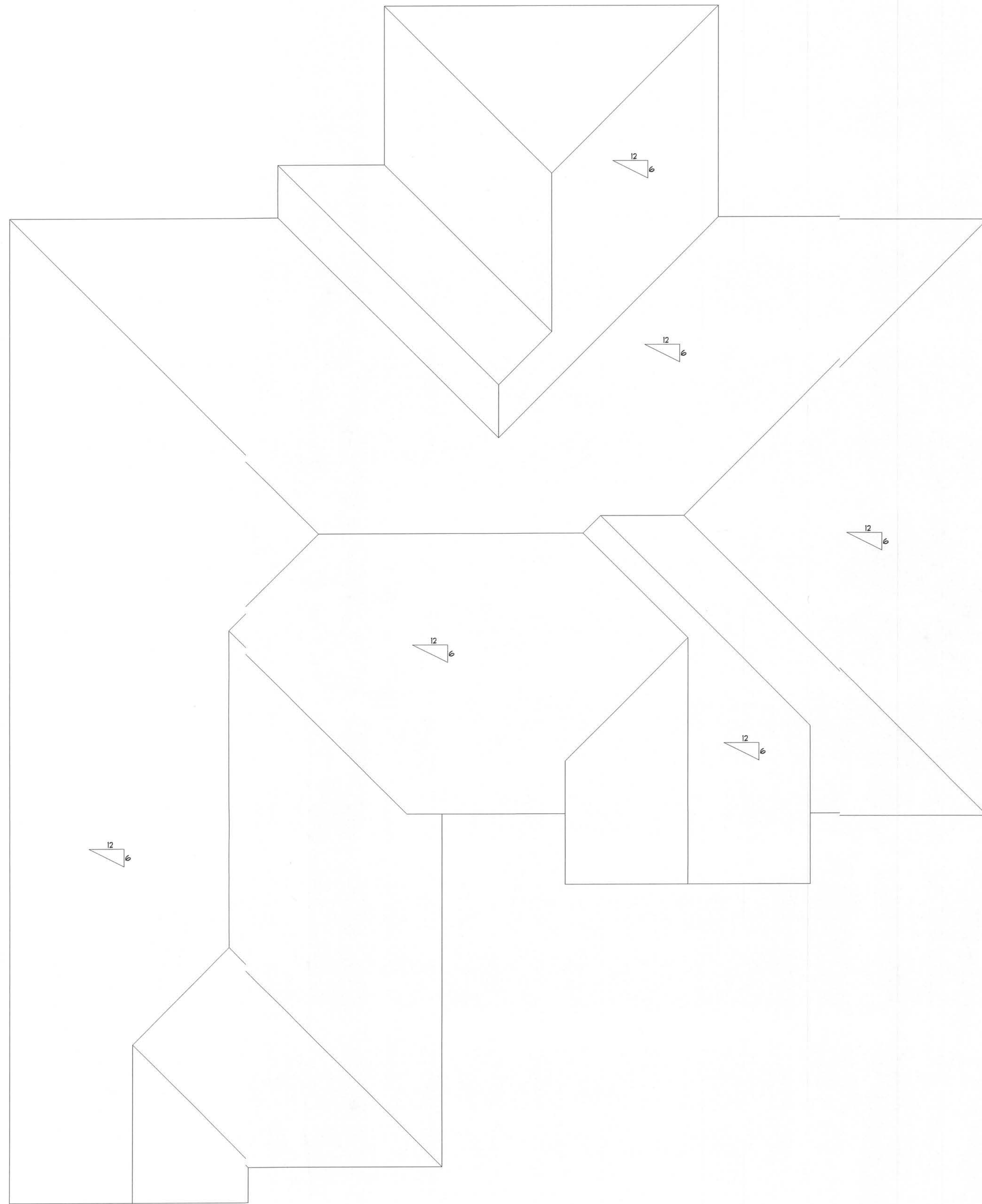
BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
2109 U.S. HWY 90 SUITE 110-144
LARK CREEK, CO 80106
(303) 755-8881

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

SHEET NUMBER
A-2
OF 4 SHEETS

NEW CUSTOM HOME FOR:
May Fair Lot 18

AR00010005



TYPICAL WALL SECTION
2 X 4 STUD WALL W/ SIDING

STANLEY CRAWFORD CONST. INC.

NEW CUSTOM HOME FOR:
May Fair Lot 18

BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
2109 W. U.S. HWY 90 SUITE 110-144
LAKE CITY, FL 32055
(386) 775-8881

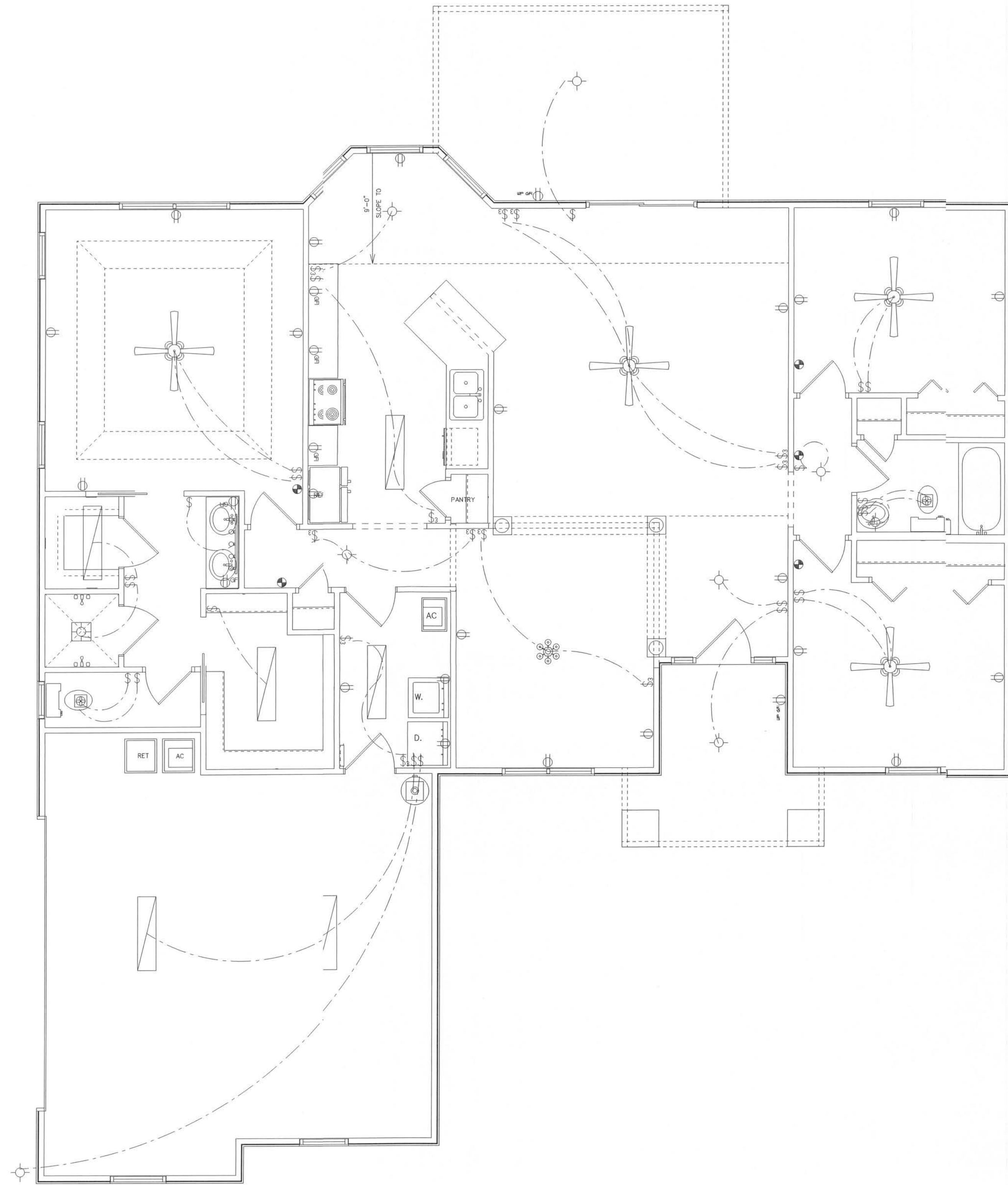
ROOF PLAN
SCALE: 1/4"=1'-0"

SHEET NUMBER

A-3

OF 4 SHEETS

AR0007005



ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 2	4	
can light	1	
chandelier	1	
fluorescent fixture	6	
vanity bar light	1	
electrical panel	1	
fan with light	2	
light	8	
outlet	22	
outlet gfi	9	
outlet wp gfi	2	
smoke detector	5	
switch	22	
switch 3 way	12	

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.

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, ADDONS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., 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.

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

SHEET NUMBER

A-4

OF 4 SHEETS

AR0007005

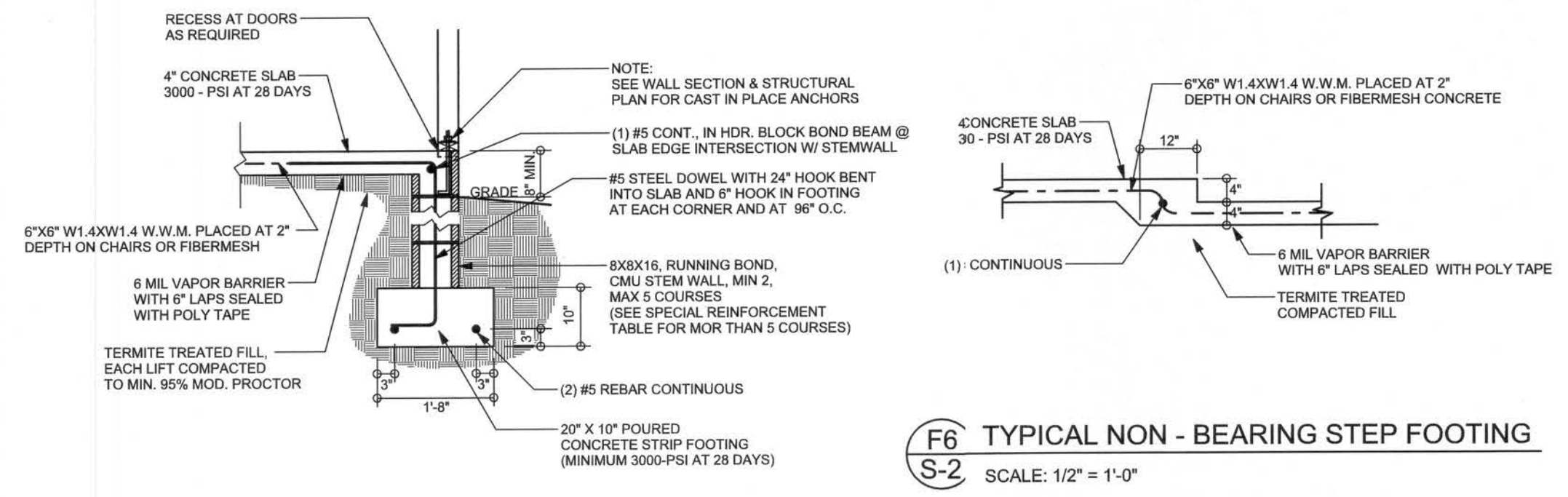
BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
2103 W U.S. HWY 90 SUITE 110-144
LAKE CITY, FL 32085
(386)-785-8981

STANLEY CRAWFORD CONST. INC.

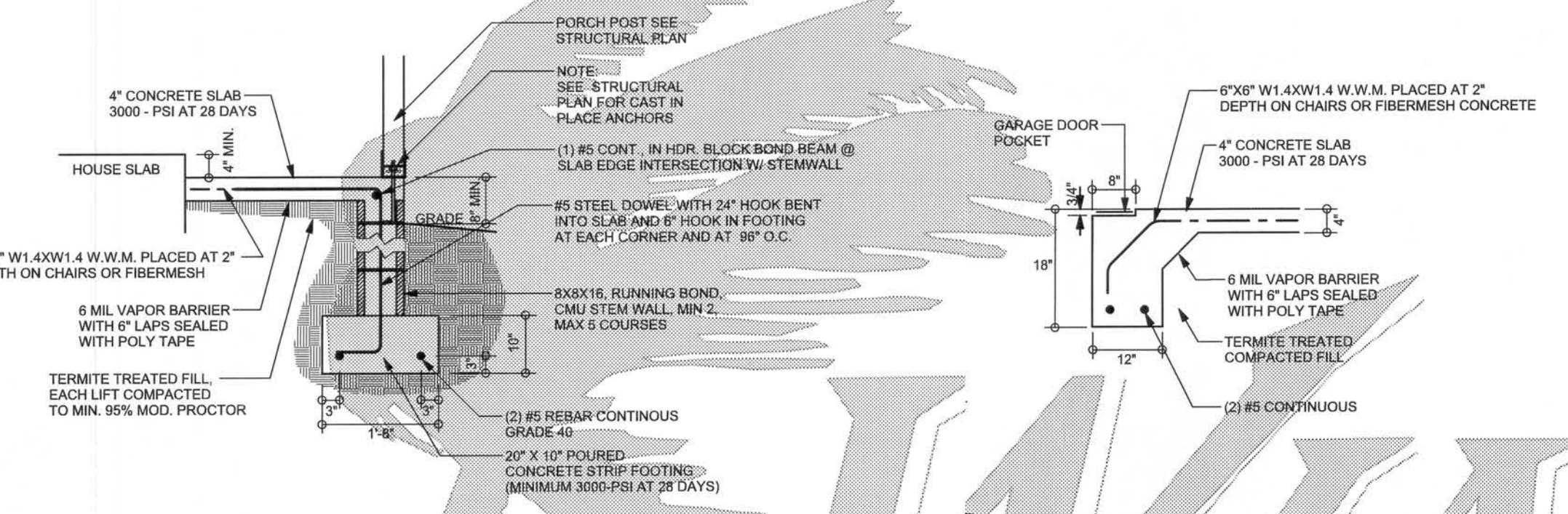
NEW CUSTOM HOME FOR:
May Fair Lot 18

REVISIONS	

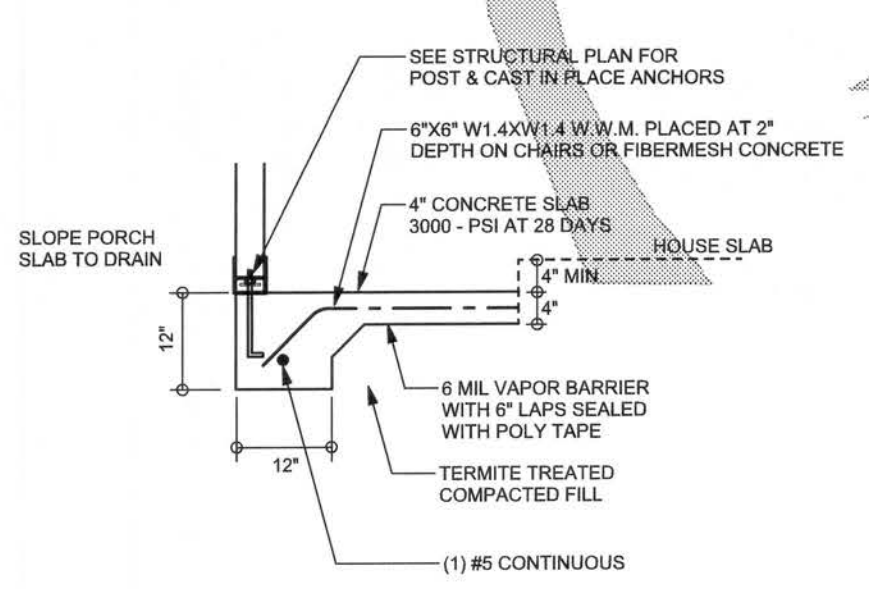
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



F9 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



F12 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



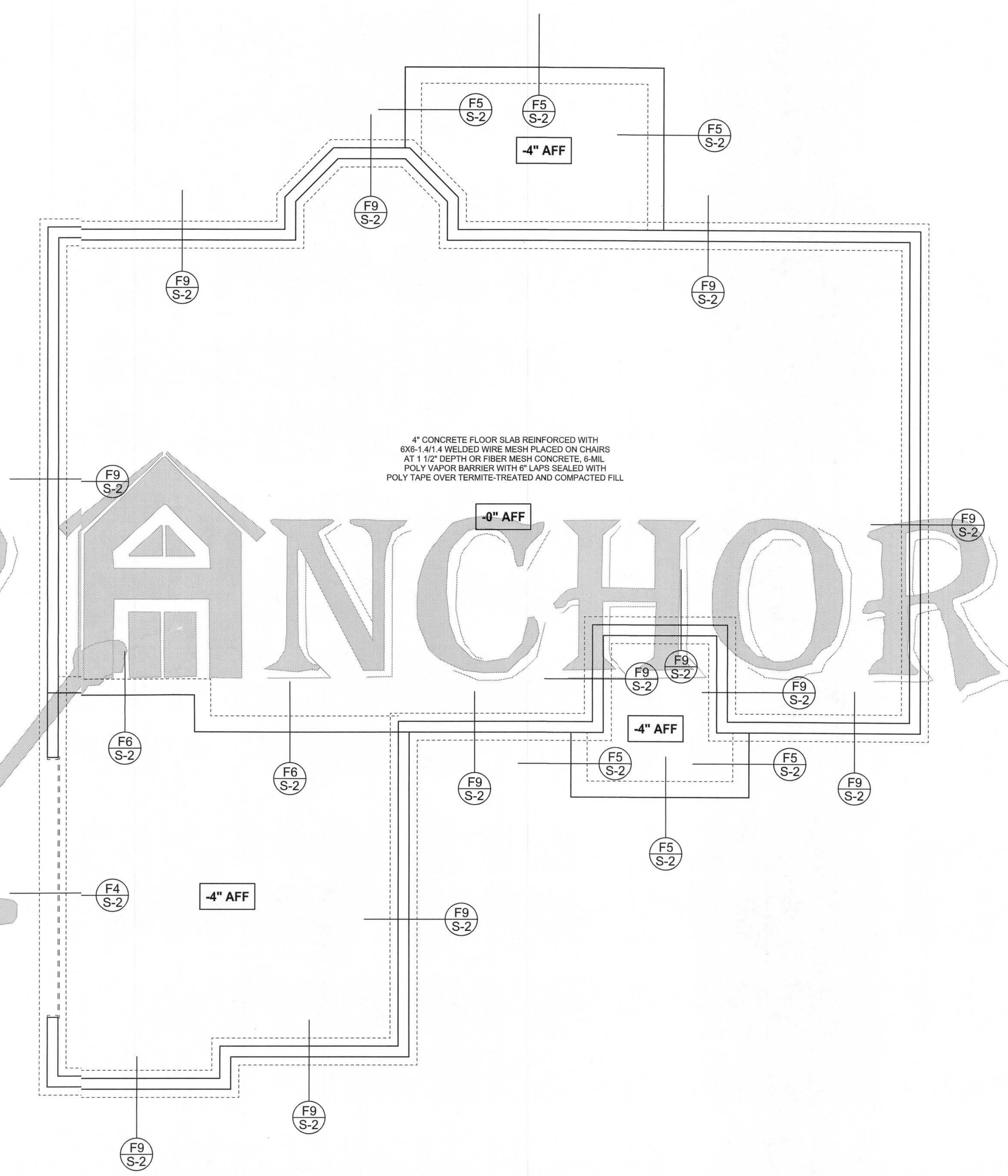
F5 PORCH FOOTING
SCALE: 1/2" = 1'-0"

4 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"

TALL STEM WALL TABLE

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.

STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (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



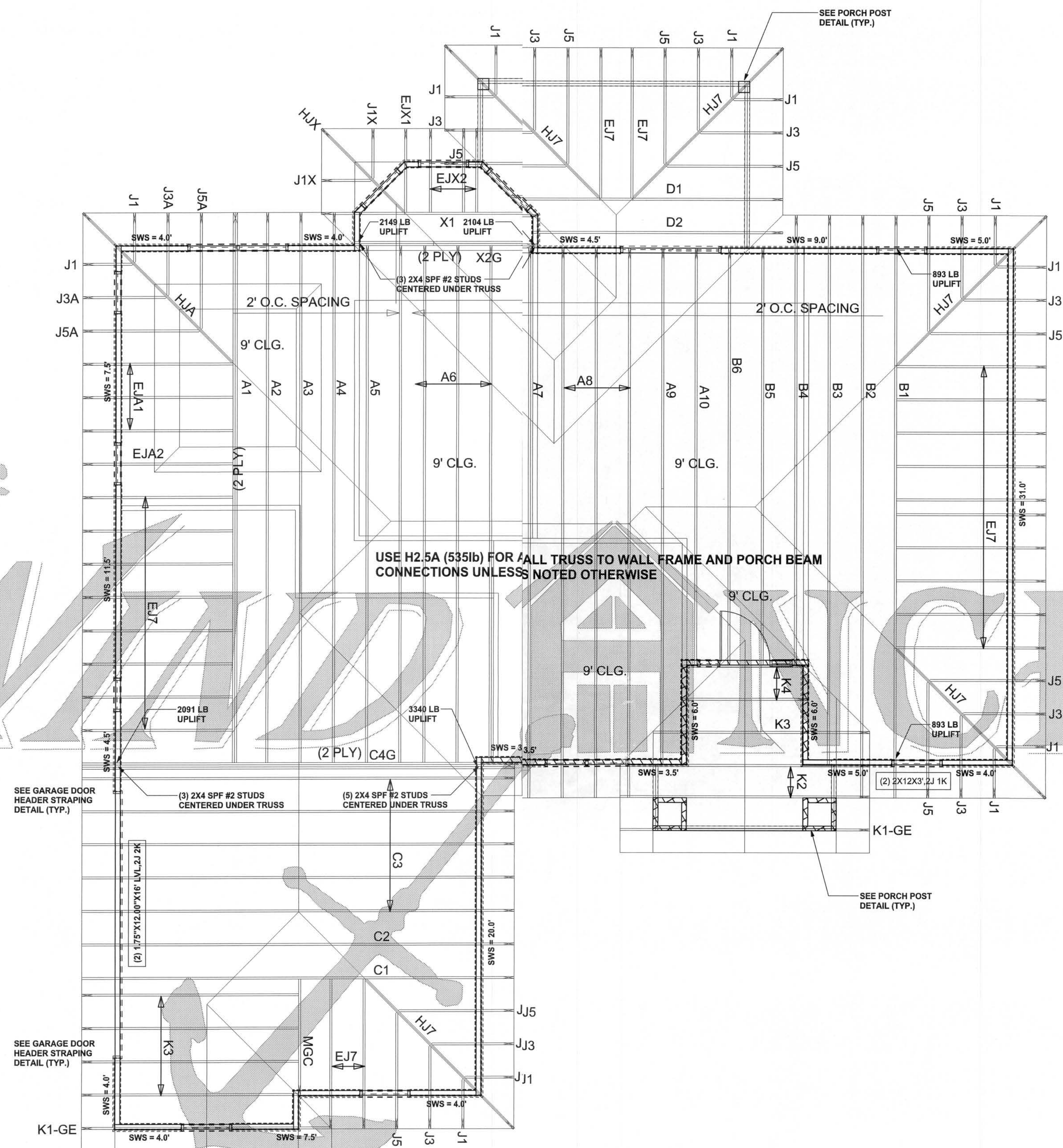
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

WINDLOAD ENGINEER: Mark Disoway, P.E. No. 3915, POB 868, Lake City, FL 32056-8674-5419
DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, 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 DISOWAY
P.E. 53915
23 Aug 07
SEAL

Stanley Crawford Construction
Spec House
Lot 18 Mayfair S/D
ADDRESS:
Lot 18 Mayfair S/D
Columbia County, Florida
Mark Disoway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871
PRINTED DATE:
August 23, 2007
DRAWN BY: CHECKED BY:
FILMS DATE:
23 / Aug / 07
JOB NUMBER:
708213
DRAWING NUMBER
S-2
OF 3 SHEETS

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



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) 2X12 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
SWS = 0.0'	2ND FLOOR EXTERIOR WALL
IBW	1ST FLOOR INTERIOR BEARING WALL
IBW	2ND FLOOR INTERIOR BEARING WALL

HEADER LEGEND

(2) 2X12X0', 1J 1K	HEADER/BEAM CALL-OUT (U.N.O.)
↑	NUMBER OF KING STUDS (FULL LENGTH)
↑	NUMBER OF JACK STUDS (UNDER HEADER)
↑	SPAN OF HEADER
↑	SIZE OF HEADER MATERIAL
↑	NUMBER OF PLIES IN HEADER

TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	36.0'	90.5'
LONGITUDINAL	30.6'	62.5'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, ANDERSON TRUSS
JOB #7-236

WINLOAD ENGINEER: Mark Disosway,
P.E. N.53915, P.O. Box 868, Lake City, FL
3205, 386-754-5419

DIMENSIONS: State 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 civil engineering comply with section F301.2.1, 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
23 Aug 07
SEAL

Stanley Crawford
Construction

Spec House
Lot 18 Mayfair S/D

ADDRESS:
Lot 18 Mayfair S/D
Columbia County, Florida

Mark Disosway P.E.
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Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
August 23, 2007

DRAWN BY: CHECKED BY:

FILES DATE:
23/ Aug / 07

JOB NUMBER:
708213

DRAWING NUMBER

S-3

OF 3 SHEETS