

AREA SUMMARY	
LIVING AREA	1840.8 SF
GARAGE	478.7 SF
PORCHES	361.0 SF
TOTAL	2680.5 SF
ELEVATION PLAN	
SCALE: 1/4"=1'-0"	

NEW CUSTOM HOME FOR:
THE HOLTON RESIDENCE

BRIAN S. CRAWFORD
ARCHITECTURAL DESIGN
DESIGNER: BRIAN CRAWFORD
PHONE: (386) 755-8887

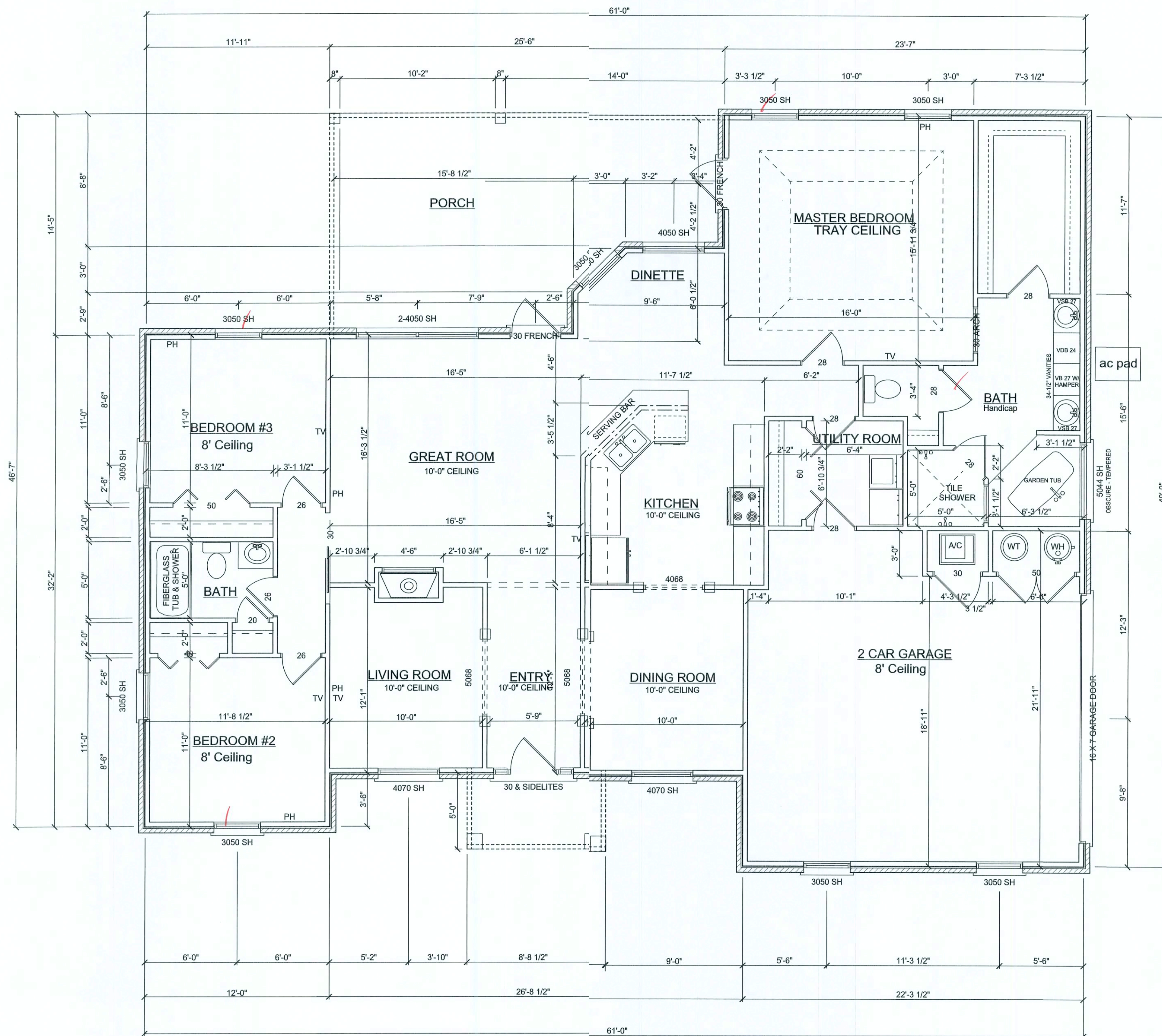
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SHEET NUMBER

A-1

OF 4 SHEETS



AREA SUMMARY	
LIVING AREA	1840.8 SF
GARAGE	478.1 SF
PORCHES	361.0 SF
TOTAL	2680.5 SF

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

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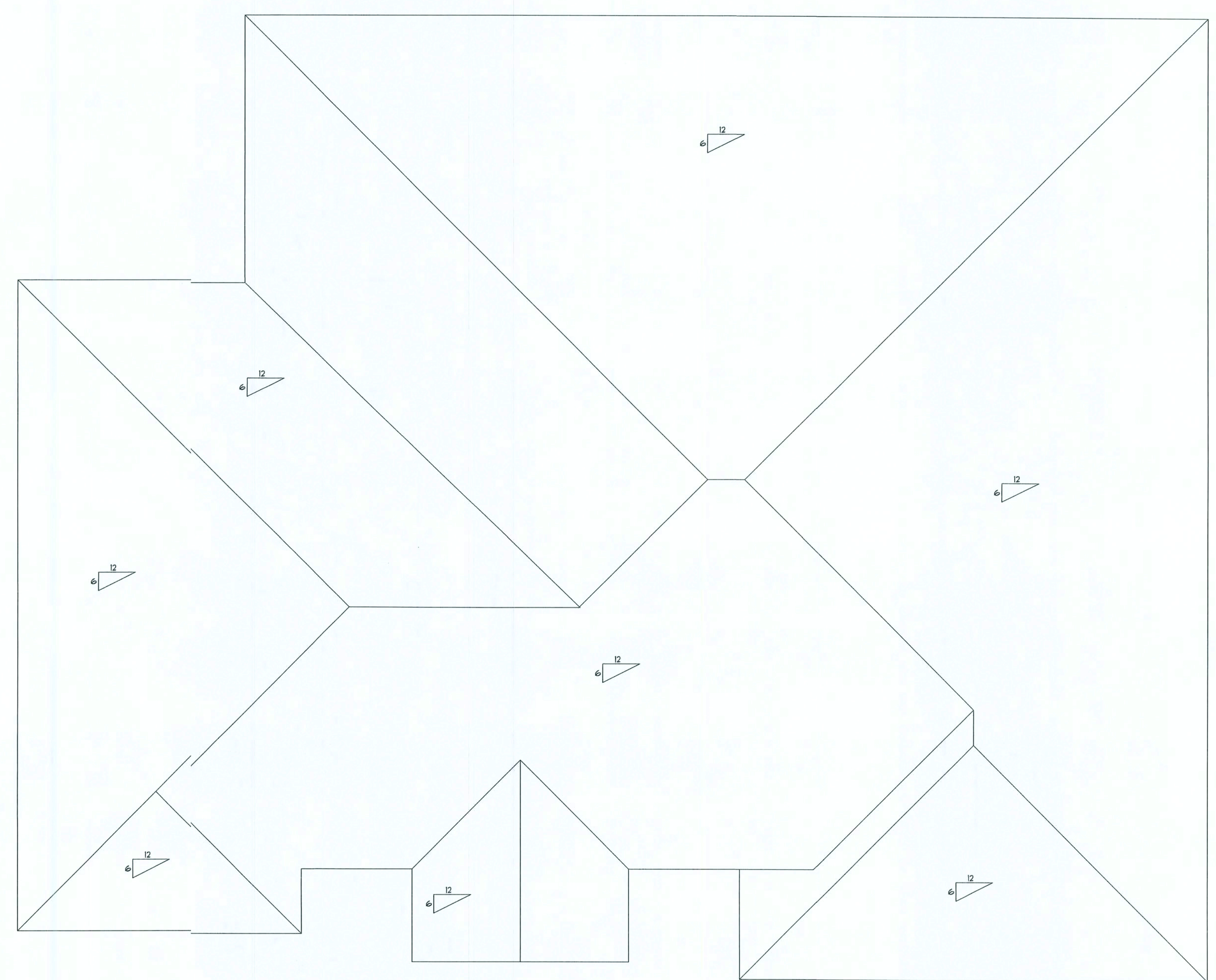
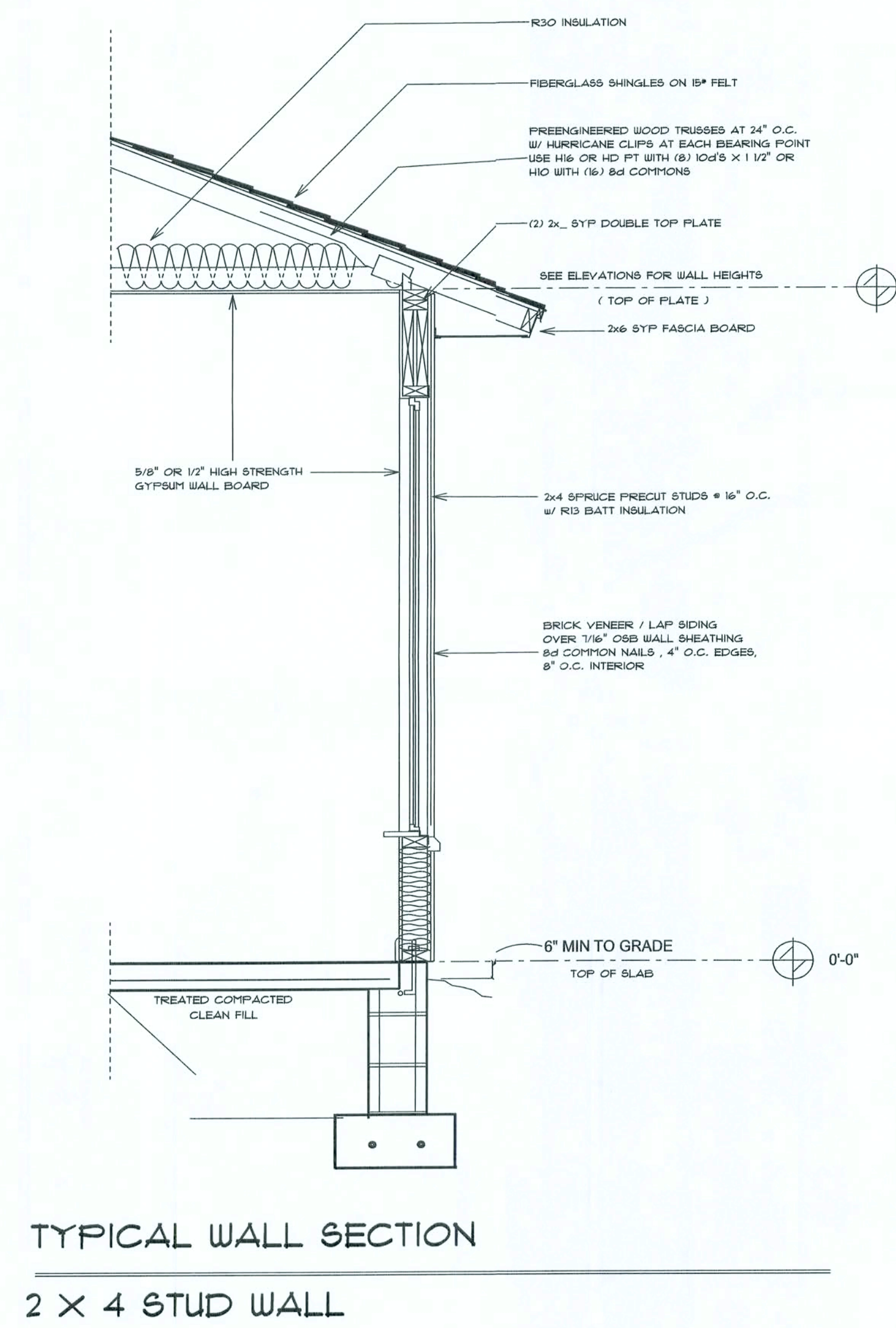
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SHEET NUMBER

A-2

OF 4 SHEETS



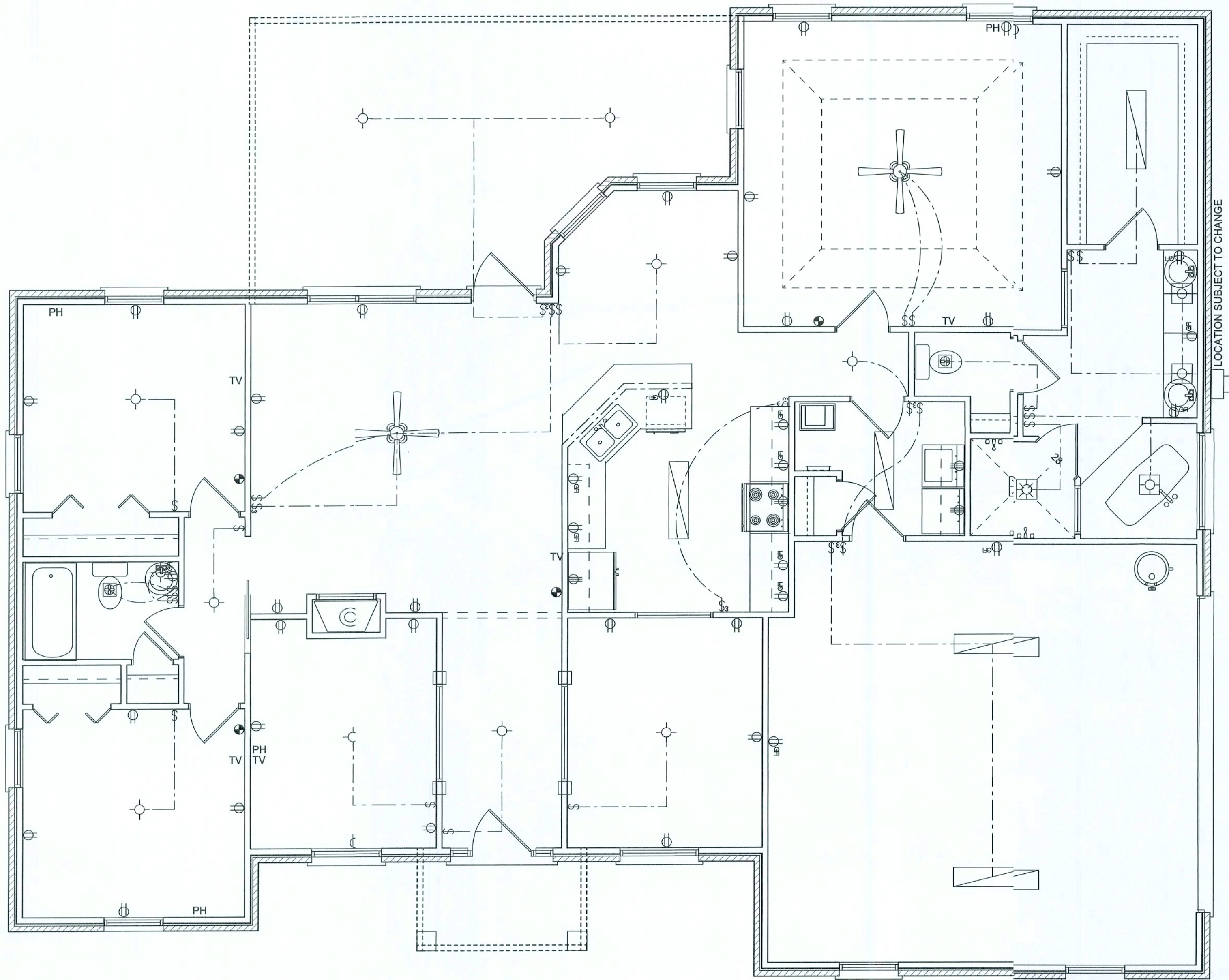
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A-3
OF 4 SHEETS



ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 2	2	
can light	4	
fluorescent fixture	5	
electrical panel	1	
meter	1	
fan with light	2	
light	11	
outlet	30	
outlet 220v	4	
outlet gfi	13	
smoke detector	4	
switch	21	
switch 3 way	6	

ELECTRICAL PLAN NOTES

ALL RECEPTALS IN ALL BEDROOMS SHALL BE AFC 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 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.

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ELECTRICAL PLAN

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

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THE HOLTON RESIDENCE

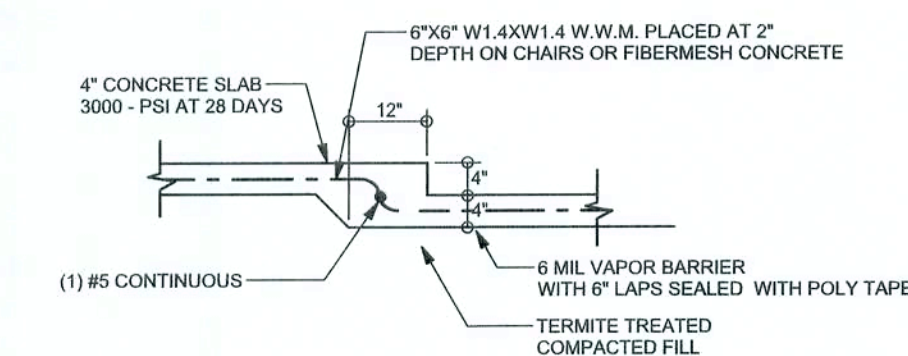
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PHONE: (386) 755-8887

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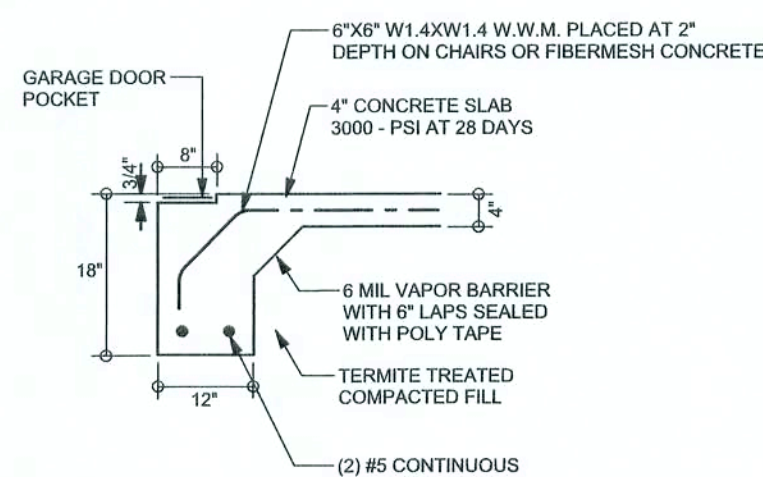
A-4

OF 4 SHEETS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



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



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

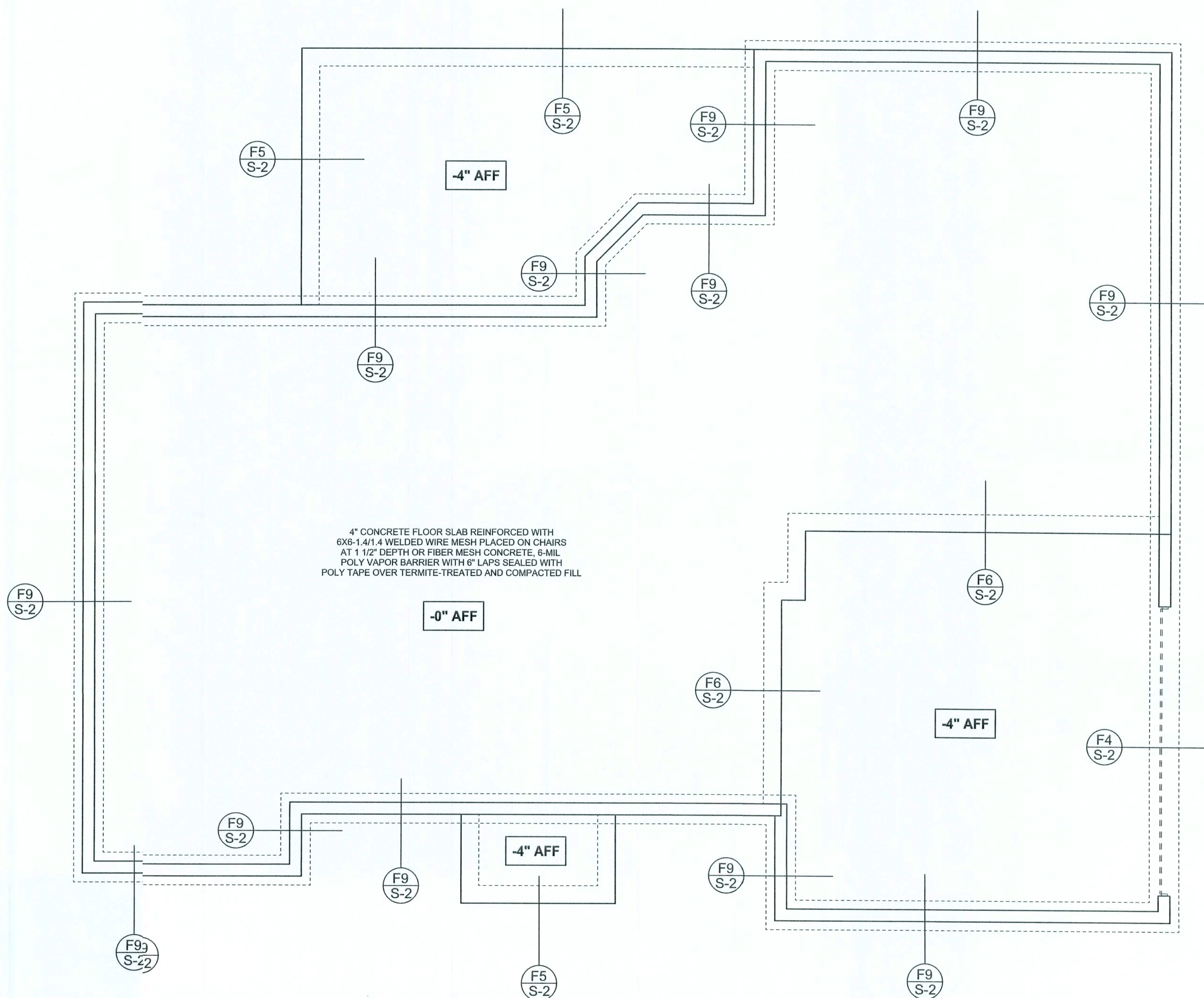


The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Duowall ladder reinforcement at 16"OC vertically or a horizontal bond beam with 185 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

SCALE: 1/4" = 1'-0.0"

DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS



VINDLOAD ENGINEER: Mark Disosway,
FE No.53915, POB 868, Lake City, FL
3056. 386-754-5419

DIMENSIONS:
Sated dimensions supercede 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

112

11/10/20

WIKI

14 Feb

Stanley Crawford
Construction

Holton Residence

ADDRESS:
228 SW Royal Court
Lake City, Florida 32024

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

PRINTED DATE:
February 14, 2007

DRAWN BY: David Disoway	CHECKED BY:
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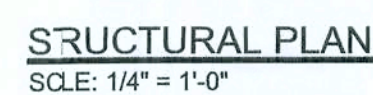
FINALS DATE:
14 / Feb / 07

JOB NUMBER:
702146

DRAWING NUMBER

22

OF 3 SHEETS



SI-1	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SYP #2 (U.N.O.)
SI-2	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
SI-3	DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
SI-4	PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC511-03, BC511-B1, BC511-B2, & BC511-B3. BC511-B1, BC511-B2, & BC511-B3 ARE TO BE BRACED WITH THE TRUSS SUPPORT, WITH THE SEALED TRUSS PACKAGE

<p>SWS = 0.0'</p>	<p>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.)</p>
<p>SWS = 0.0'</p>	<p>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.)</p>
<p>IBW</p>	<p>1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS 3 ON SHEET S-1</p>
<p>IBW</p>	<p>2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS 3 ON SHEET S-1</p>

Diagram illustrating the components of a beam call-out box:

- 2 (2) 2X10X0', 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 PLYS IN HEADER

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	36.5'	69.0'
LONGITUDINAL	31.2'	62.5'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. W.B. HOWLAND TRUSS
JOB #3422

Helton Residence

ADDRESS:
28 SW Royal Court
Lakeland, Florida 32024

Mak Disosway P.E.
P.O. Box 868
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Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
february 14, 2007

OWN BY: Dissway	CHECKED BY:
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LS DATE:	
Fet/07	

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S-3
OF 3 SHEETS