

FILE COPY



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



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

REVISIONS	
January 28, 2008	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

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

A CUSTOM RESIDENCE FOR:
JOHN DEARDORF
FAMILY BUSINESS MANAGEMENT / TANNING, COLUMBIA COUNTY, FLORIDA

STANLEY CRAWFORD CONSTRUCTION
LAKE CITY, FLORIDA 32025

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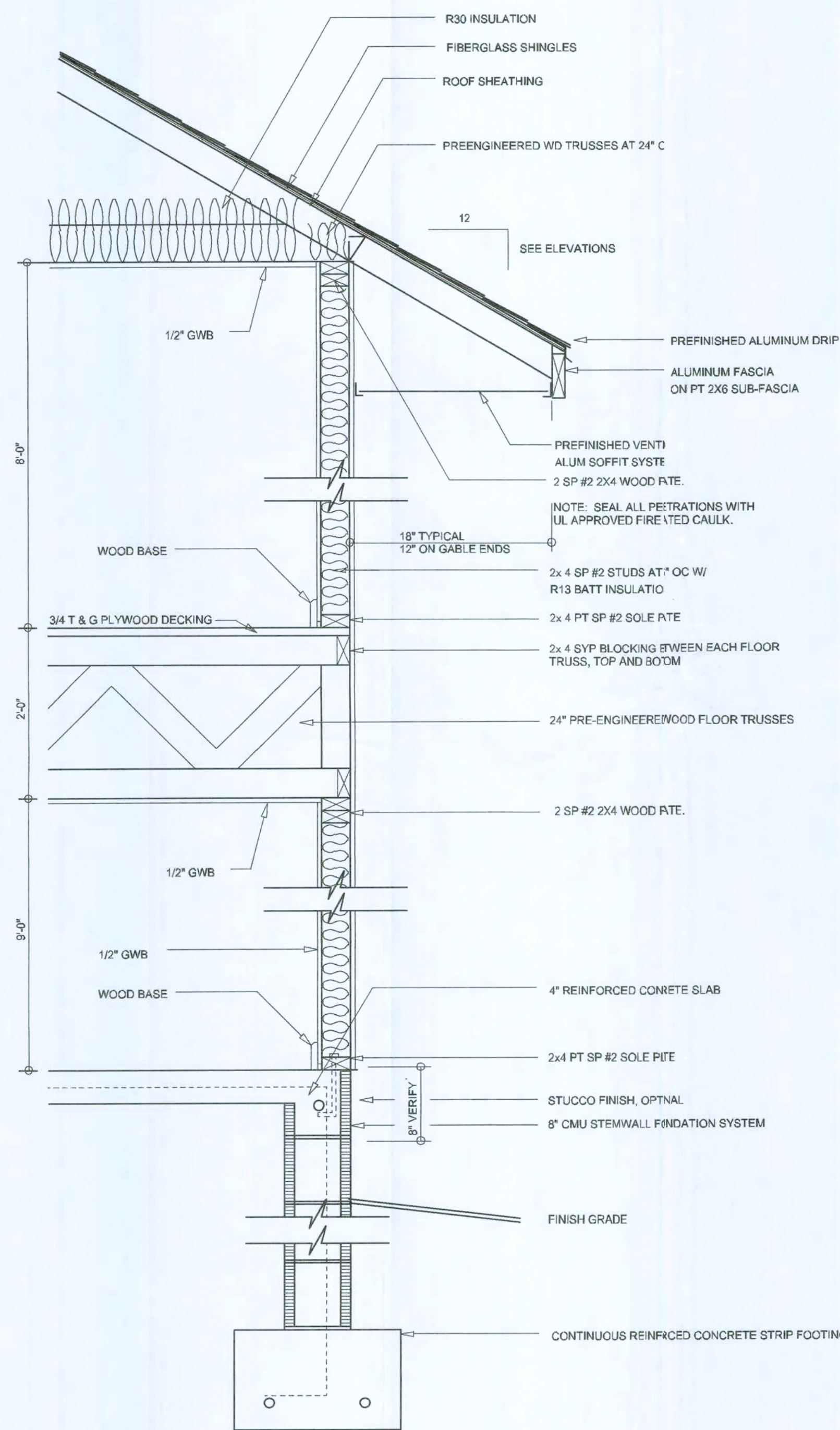


JOB NUMBER
08114

SHEET NUMBER
A.1
OF 6 SHEETS

Will C. Myers

FILE COPY



TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



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



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

REVISIONS	DATE
January 28, 2008	

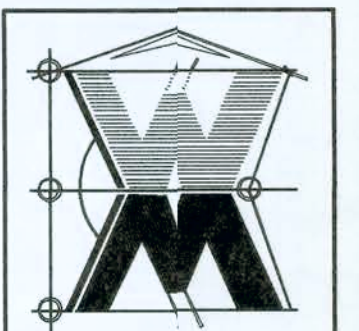
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

TYPICAL WALL SECTION
SCALE: 1" = 1'-0"

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

A CUSTOM RESIDENCE FOR:
JOHN DEARDORF
PROJECT ADDRESS: BLACKBERRY FARMS, COLUMBIA COUNTY, FLORIDA
STANLEY CRAWFORD CONSTRUCTION
LAKE CITY, FLORIDA 32025

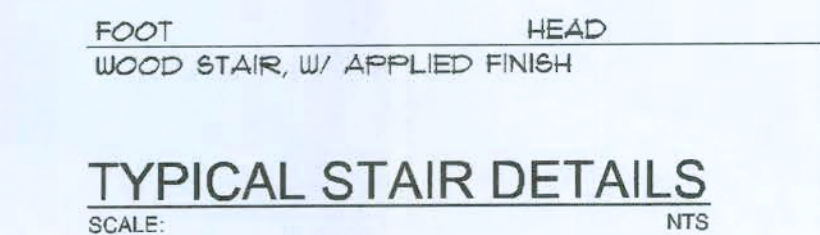
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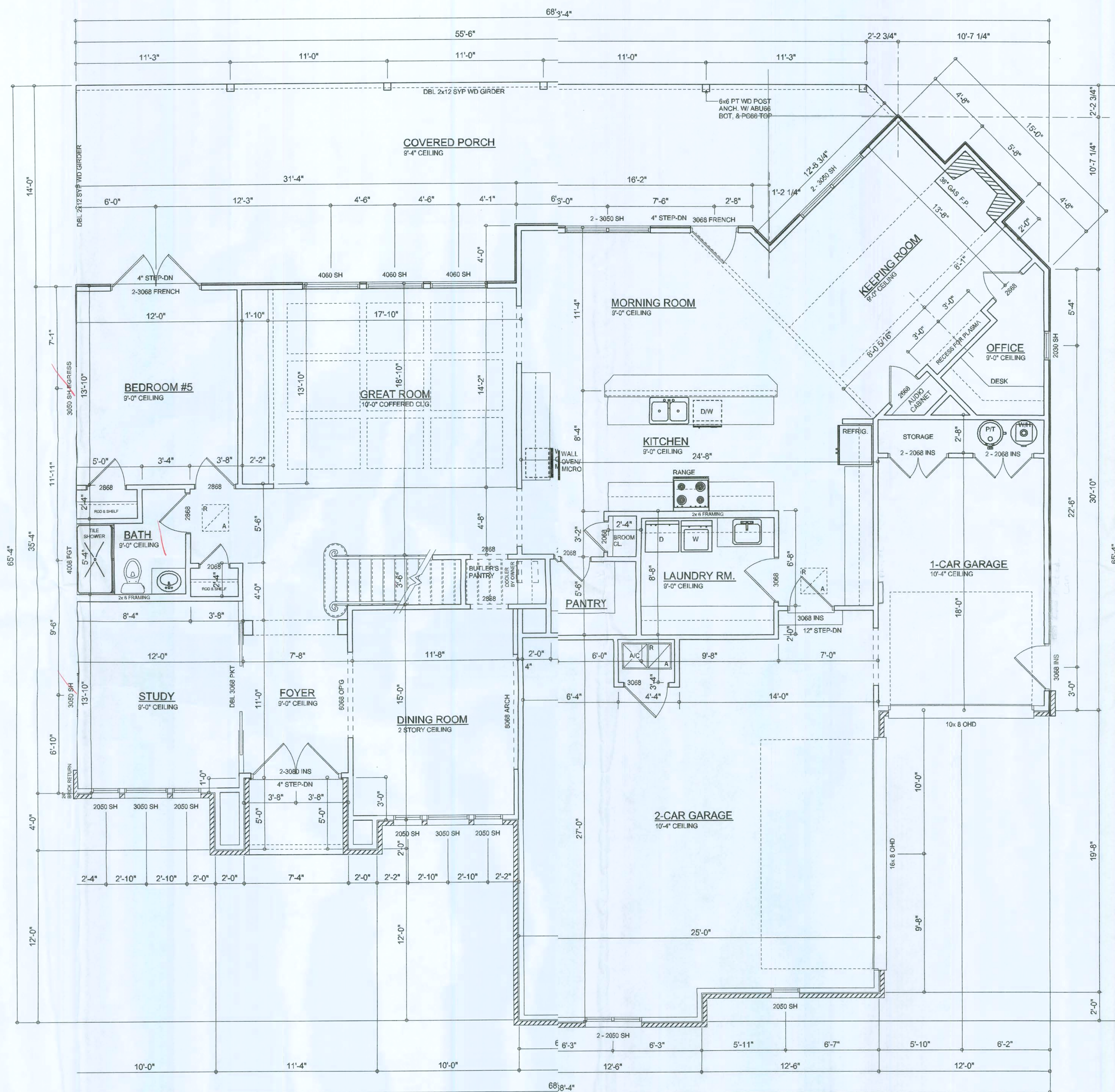
JOB NUMBER
080'14

SHEET NUMBER
A.2
OF 6 SHEETS

William Myers



AREA SUMMARY		
MAIN FLOOR AREA	2046	S.F.
2ND FLOOR AREA	1939	S.F.
TOTAL LIVING AREA	3,985	S.F.
GARAGE AREA	895	S.F.
ENTRY PORCH AREA	84	S.F.
COVERED PORCH AREA	671	S.F.
TOTAL AREA	5,635	S.F.



MAIN FLOOR PLAN

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

2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the private garage from the street shall have a minimum 0.019-inch (0.48 mm) steel sheet and shall have no openings into the garage.
3. A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
4. When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.

- Garage fire separations shall comply with the following:**
1. The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 13/8 inches (34.9 mm) thick. The use of door openings from a private garage directly into a room used for sleeping purposes shall not be permitted.

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January 28, 2008

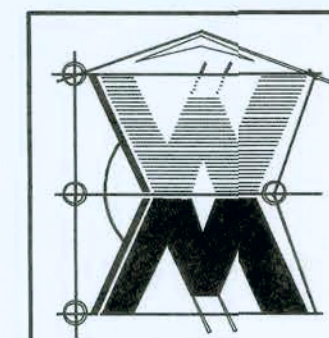
SOFTPLAY

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

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JOHN DEARDORF
PROJECT ADDRESS: BLACKBERRY FARMS, COLUMBIA COUNTY, FLORIDA

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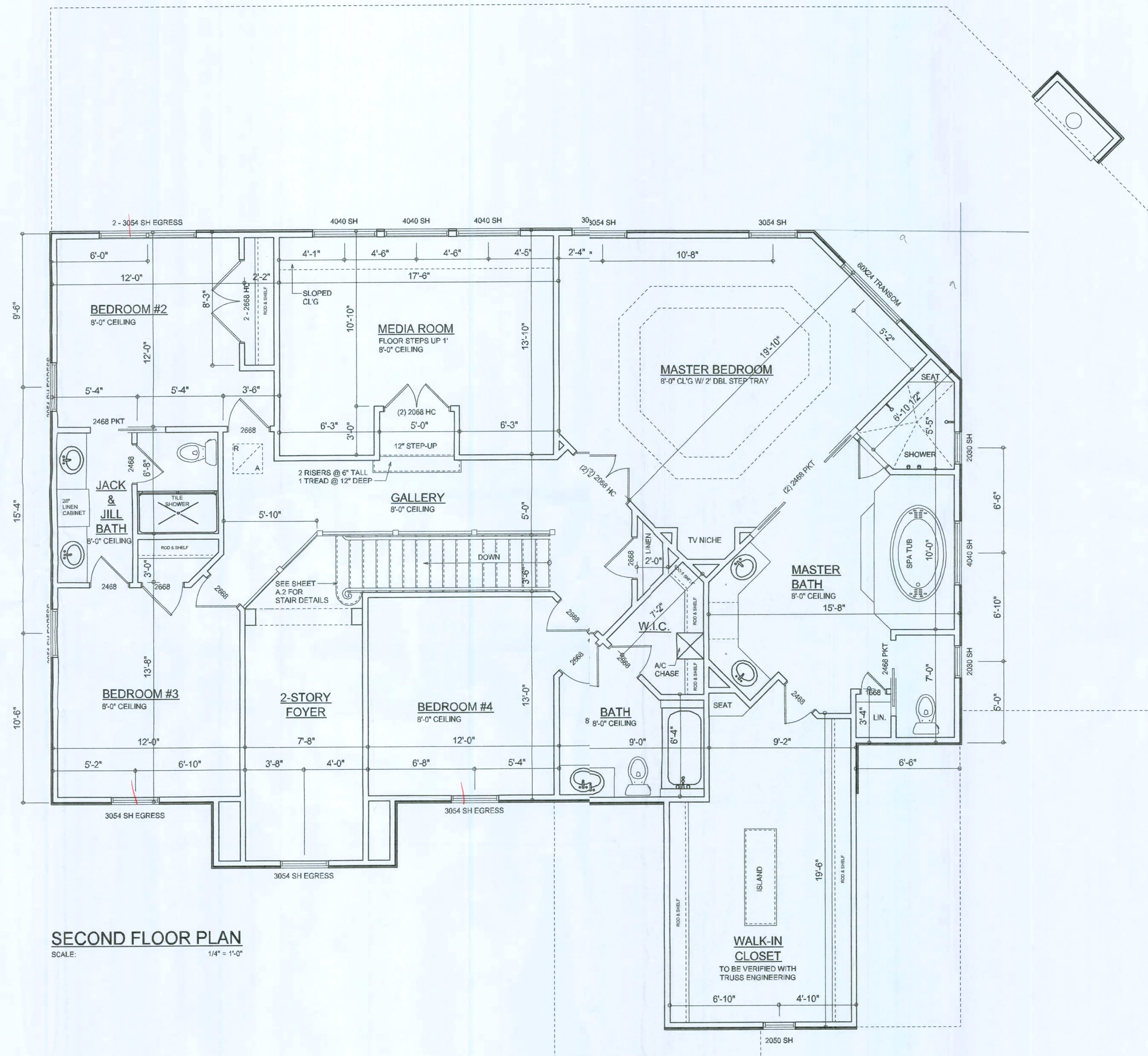


JOB NUMBER
080114

SHEET NUMBER

A.2
OF 6 SHEET

Wahl C-Mg



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

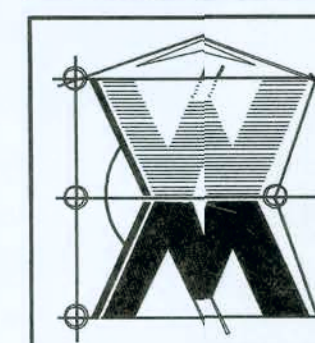
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January 23, 2008

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

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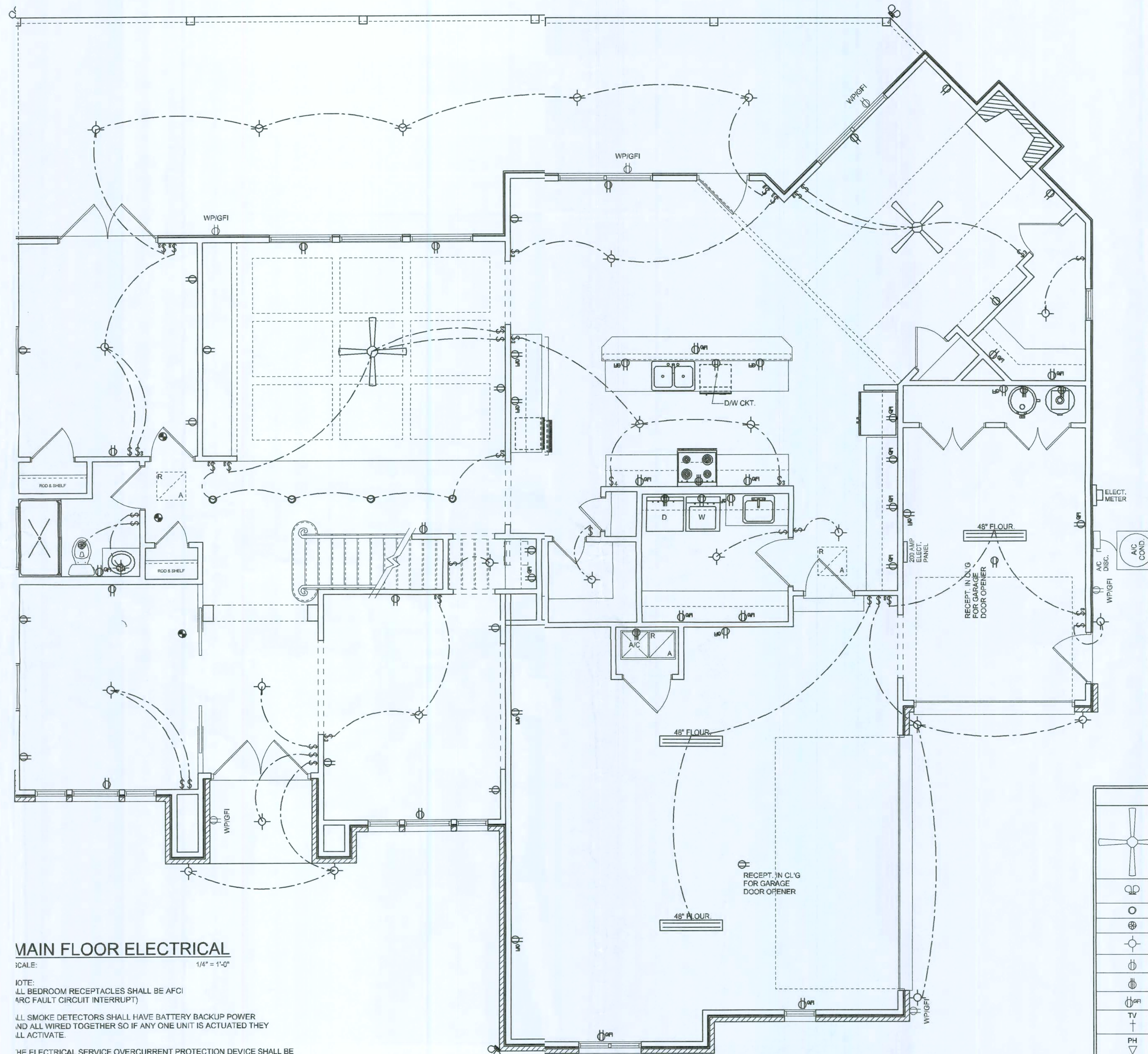
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JOB NUMBER
080'14

SHEET NUMBER
A.4
OF 6 SHEETS

Wm C. Myers



MAIN FLOOR ELECTRICAL

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

NOTE:
ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)
ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER AND ALL WIRING TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT 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 LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220V OUTLET
	GFI DUPLEX OUTLET
	TELEVISION JACK
	TELEPHONE JACK
	SMOKE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

REVISIONS
January 28, 2008

SOFTPLAN
PROFESSIONAL DESIGN SOFTWARE

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

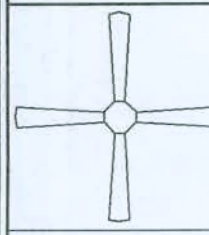
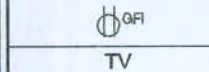
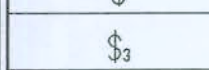
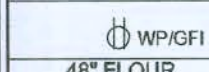
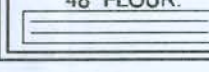
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LAKE CITY, FLORIDA 32025

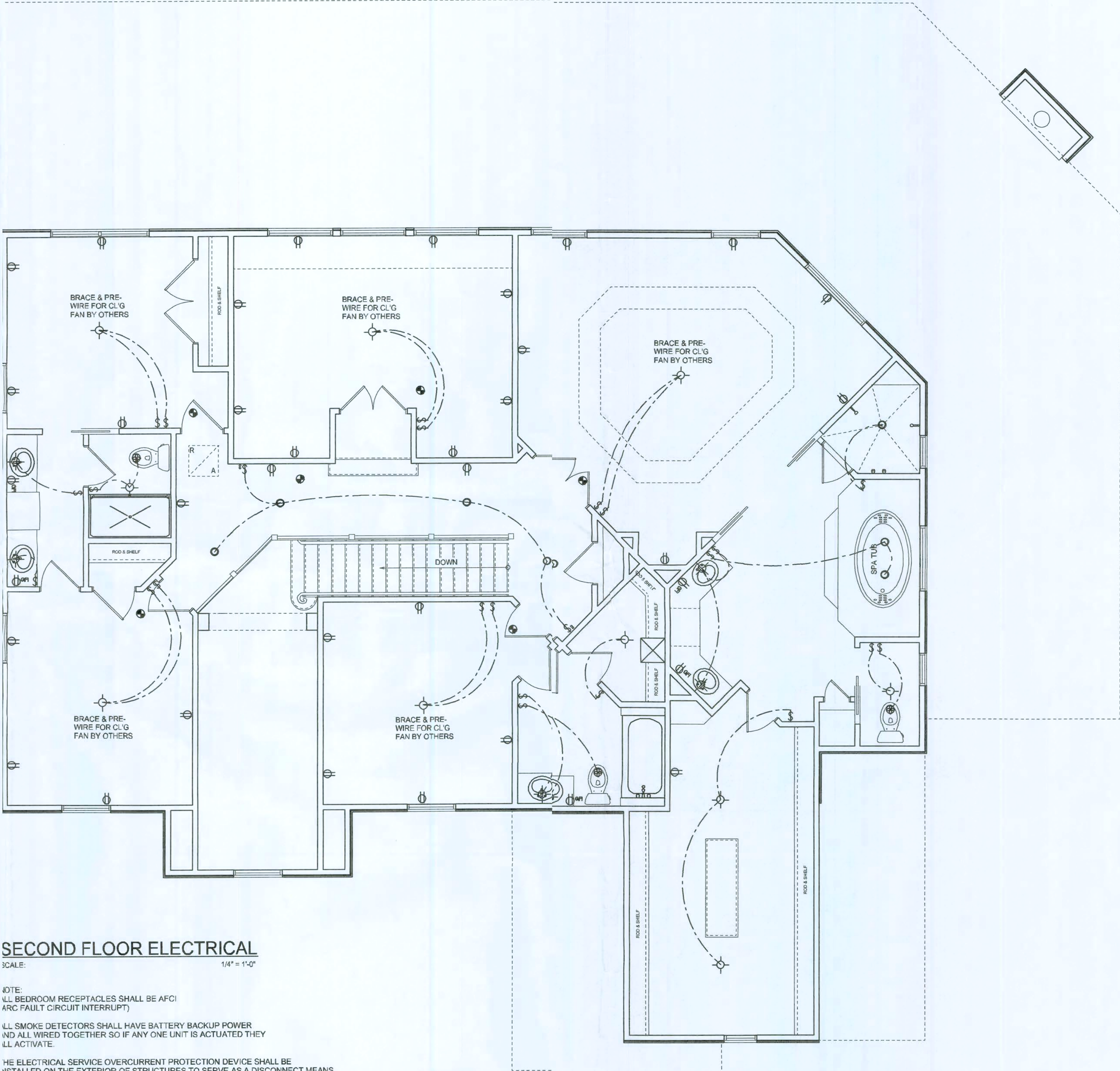
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JOB NUMBER
080114

SHEET NUMBER
A.5
OF 6 SHEETS

Wm Myers

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	TELEVISION JACK
	TELEPHONE JACK
	SMOKE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	48" FLUOR 2 OR 4 TUB FLUORESCENT FIXTURE



SECOND FLOOR ELECTRICAL

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

NOTE:
ALL BEDROOM RECEPTACLES SHALL BE AFCI
ARC FAULT CIRCUIT INTERRUPT

ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT 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.

W.C.M.

REVISIONS
January 28, 2008

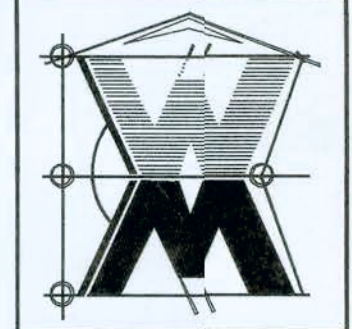
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SECOND FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"

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PROJECT ADDRESS: BLACKBERRY FARMS, COLUMBIA COUNTY, FLORIDA

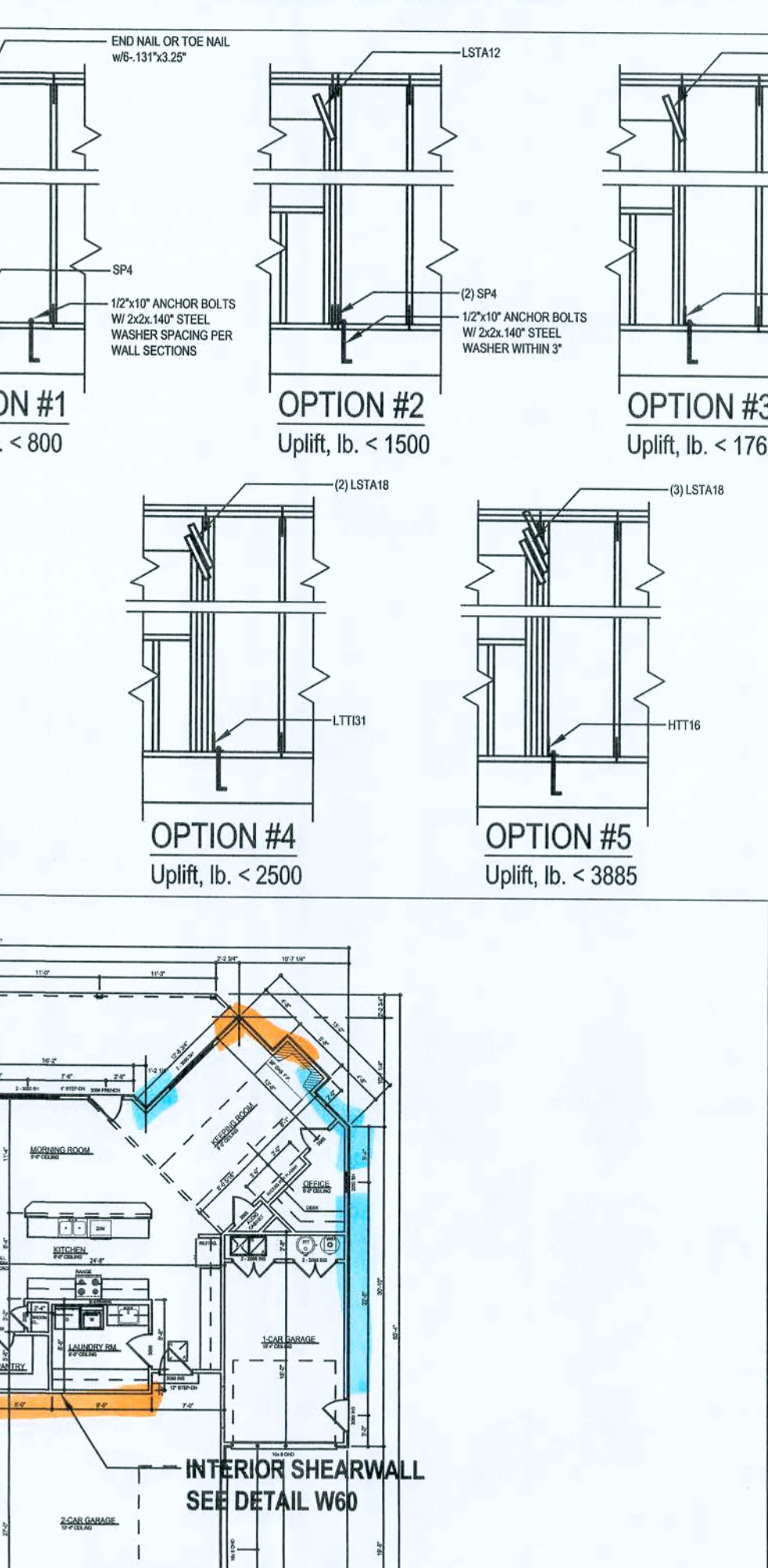
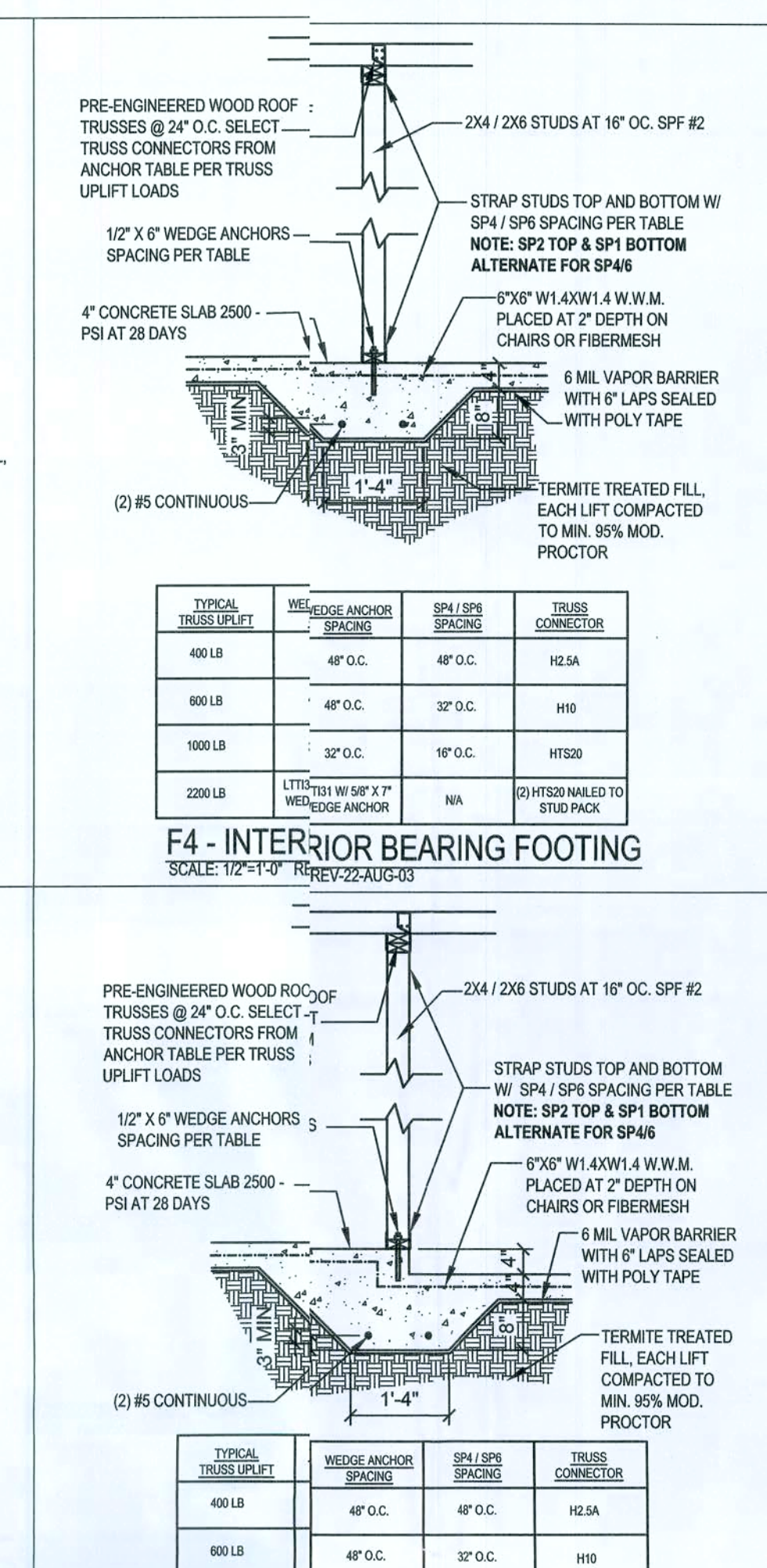
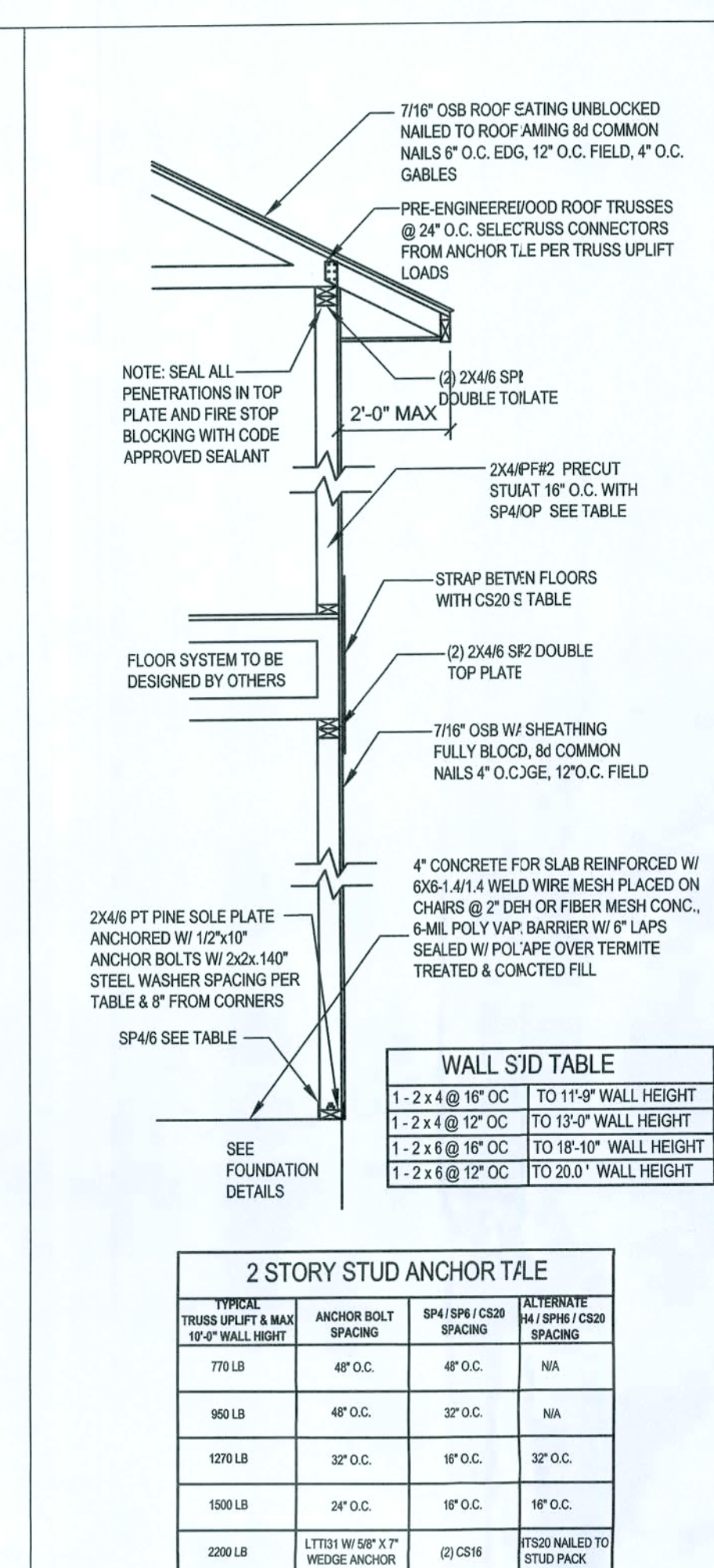
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JOB NUMBER
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A.6
OF 6 SHEETS



LSTA18	Load Bearing Header <i>Sizing Methods</i> (BY BUILDER)						
	1. Determine header size from FBC 2004, Tables 2308.3 A, B, 8, i, or 2308.5.						
	2. Use supplier published data or Southern pine species tables.						
	3. For engineered lumber bearing walls, use suppliers engineering size beam.						
	Jack Studs and King Studs (BY BUILDER)						
	4. Lookup jack studs from FBC 2004, Tables 2308.3 A, B, 8, C, or 2308.5.						
	5. Use one jack stud for every 3000 k vertical load.						
	6. Total king plus jack stud's studs = studs needed to be there if no opening was there.						
	Header Upfitting (BY BUILDER)						
	7. Calculate the upfit at each end of the header by summing the moments of all truss upfits and dividing by the length of the header.						
	8. Select header connections from table below or mfg. catalog to connect header to stud (top connection) and stud to foundation (bottom connection).						
	Option #	Uplift, lb	Top Connector	Bottom Connector			
LTT208	#1	< 800	End nail or toe nail w/ 1"x3"x25"	SP4, 6-11x1 1/2"		600	
	#2	< 1500	LSTA12, 10-160	755	SP4, 10x14-160, 5"x6" AB	1300	
	#3	< 1750	LSTA16, 14-160	965	17T208, 0-160, 5"x6" AB	1750	
	#4	< 2500	LTTA18, 14-160	1260	11T208, 0-160, 5"x6" AB	2500	
	#5	< 3800	LTTA18, 14-160	1460	15T208, 1-160, 5"x6" AB	4175	
Uplift greater than 3800 lb requires engineering design							
FBC2004, TABLE 2308.3A							
Header Spacing For Exterior Bearing Walls Supporting Roof/Cladding (20x16x20x24)							
LTT208	Header Spacing	Header Spacing (ft-in)	Bulldog Width / Truss Span				
			2	28	36		
			Span/NJ	Span/NJ	Span/NJ	Span	
		2-2x4	3-6	1	3-2	1	4-10
		2-2x6	5-6	1	4-8	1	4-12
		2-2x8	6-10	1	6-11	2	5-4
		2-2x10	8-5	2	7-3	2	6-8
		2-2x12	9-2	8	8-5	2	7-6
		3-2x8	8-4	1	7-5	1	7-10
		3-2x10	10-8	1	9-1	2	8-2
		3-2x12	10-1	10-7	2	8-6	
		4-2x8	9-2	1	8-4	1	7-6
		4-2x10	11-8	1	10-6	1	9-6
		4-2x12	14-1	1	12-2	2	10-11

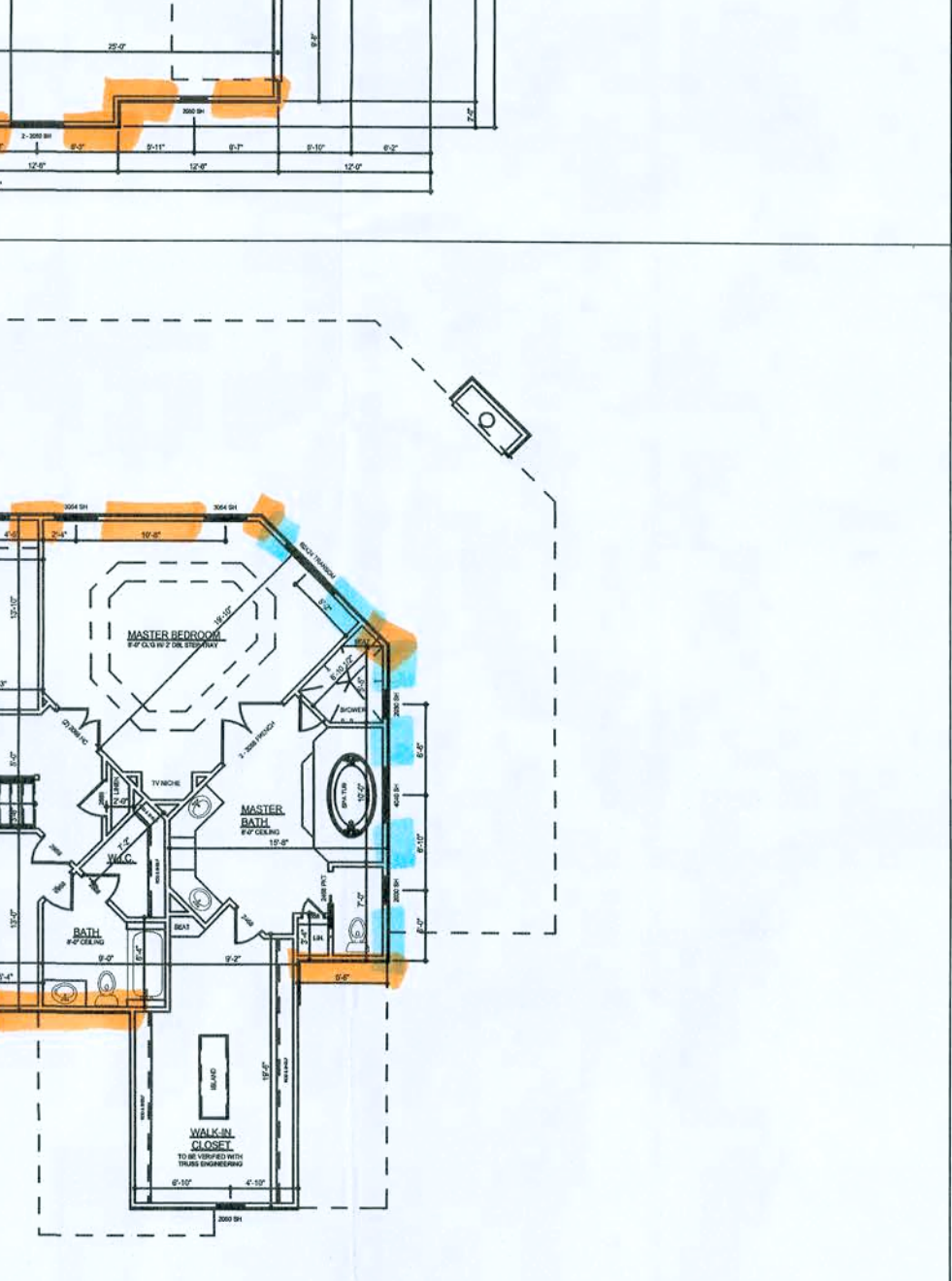
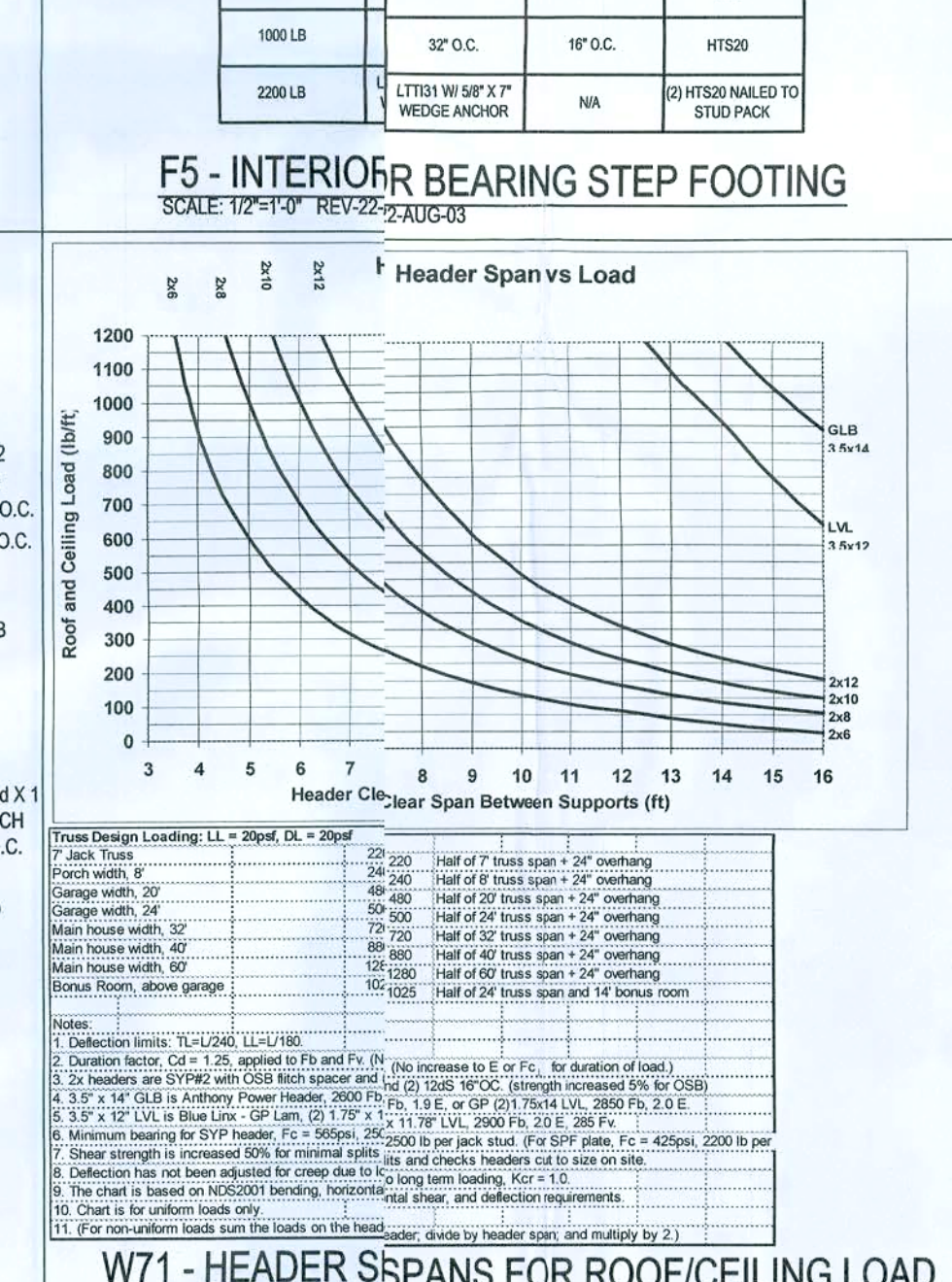
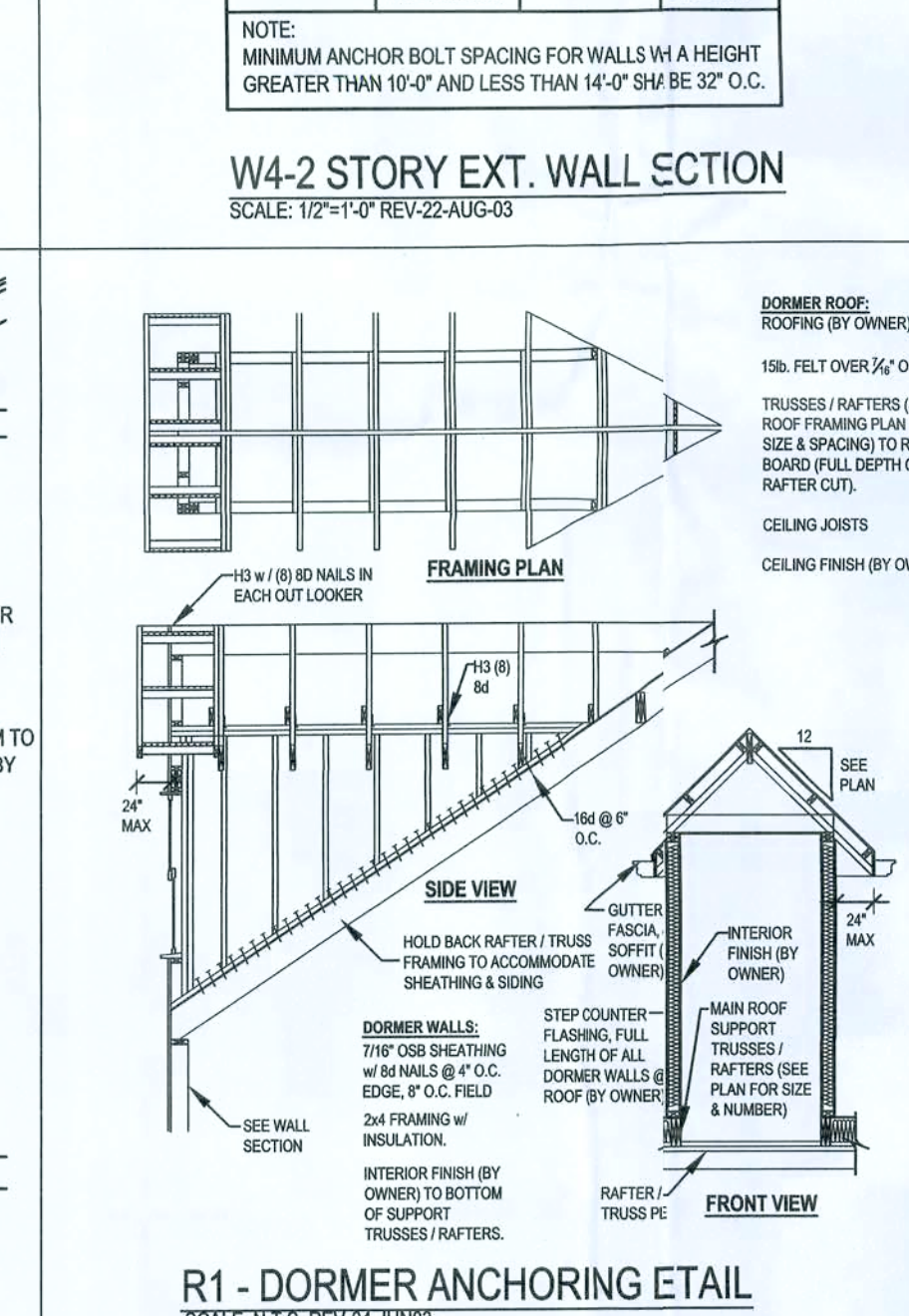
N2-GENERAL NOTES:

FOUNDATION: FOR POINT LOADS GREATER THAN 500 OR ROPE TENSILE/TENSION LOADS GREATER THAN 200 LB PER TRUSS PROVIDE A THICKENED SLAB ON PAD FOOTING 1'-0" x 1' q ft. FOR EVERY 1000 LB OF BEARING REINFORCE WITH #5 @ 8" O.C. EACH WAY

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE F_c = 3000 PSI. WHERE EXCESS WATER IS ADDED TO THE CONCRETE SO THAT ITS SERVICIALITY IS DEGRADED, THE ATTAINMENT OF REQUIRED STRENGTH SHALL NOT RELEASE THE CONTRACTOR FROM PROVIDING SUCH MODIFICATIONS AS MAY BE REQUIRED BY THE ENGINEER TO PROVIDE A SERVICEABLE MEMBER OR SURFACE. ALL CONCRETE SHALL BE VIBRATED. NO REPAIR OR RUBBING OF CONCRETE SURFACES SHALL BE MADE PRIOR TO INSPECTION BY AND APPROVAL OF THE ENGINEER/OWNER OR HIS REPRESENTATIVE.

WELDED REBAR REINFORCED SLAB: 6" x 7' x 14' x 14' FB = 8XSLV, WELDED WIRE REINFORCEMENT FABRIC (W.W.R.) CONFORMING TO ASTM A166, LOCATED IN MIDDLE OF THE SLAB, SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTHS SHALL BE 1/2 INCH TO 2 INCHES IN LENGTH. DOSAGE AMOUNTS SHALL BE FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C 1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WITH ASTM C 1111 WHEN REQUESTED BY THE BUILDING OFFICIAL.



CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACINGS OF CUTS TO BE 12FT. DO NOT CUT WMM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTORS APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.

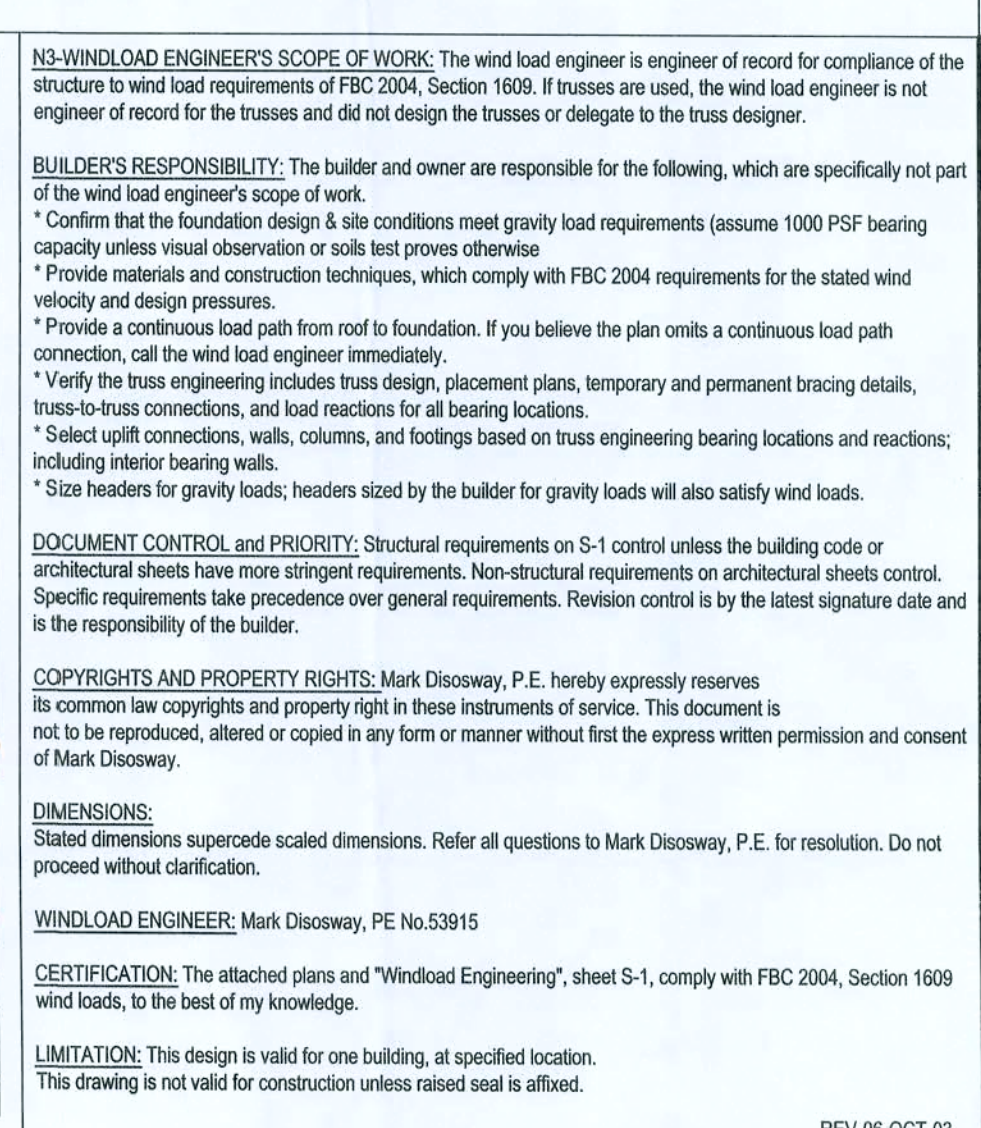
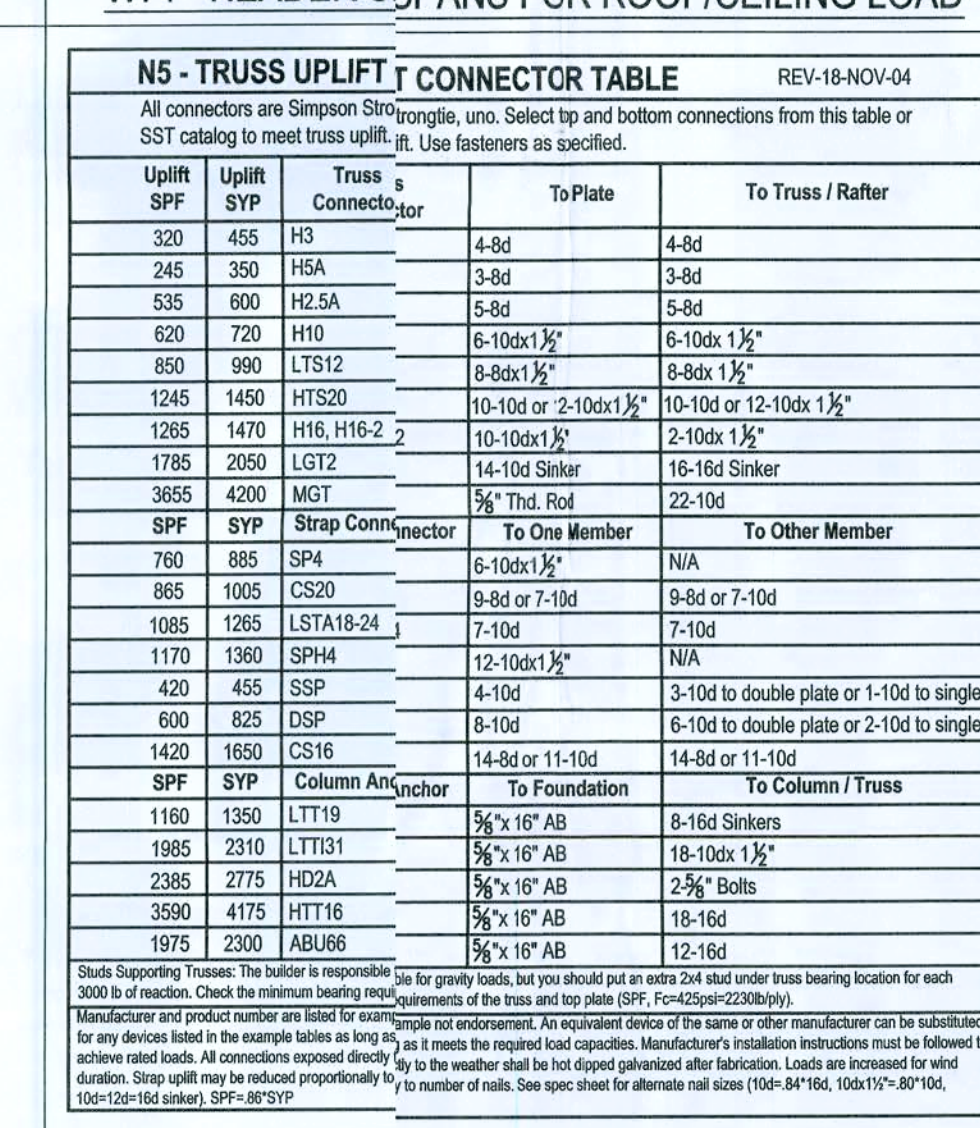
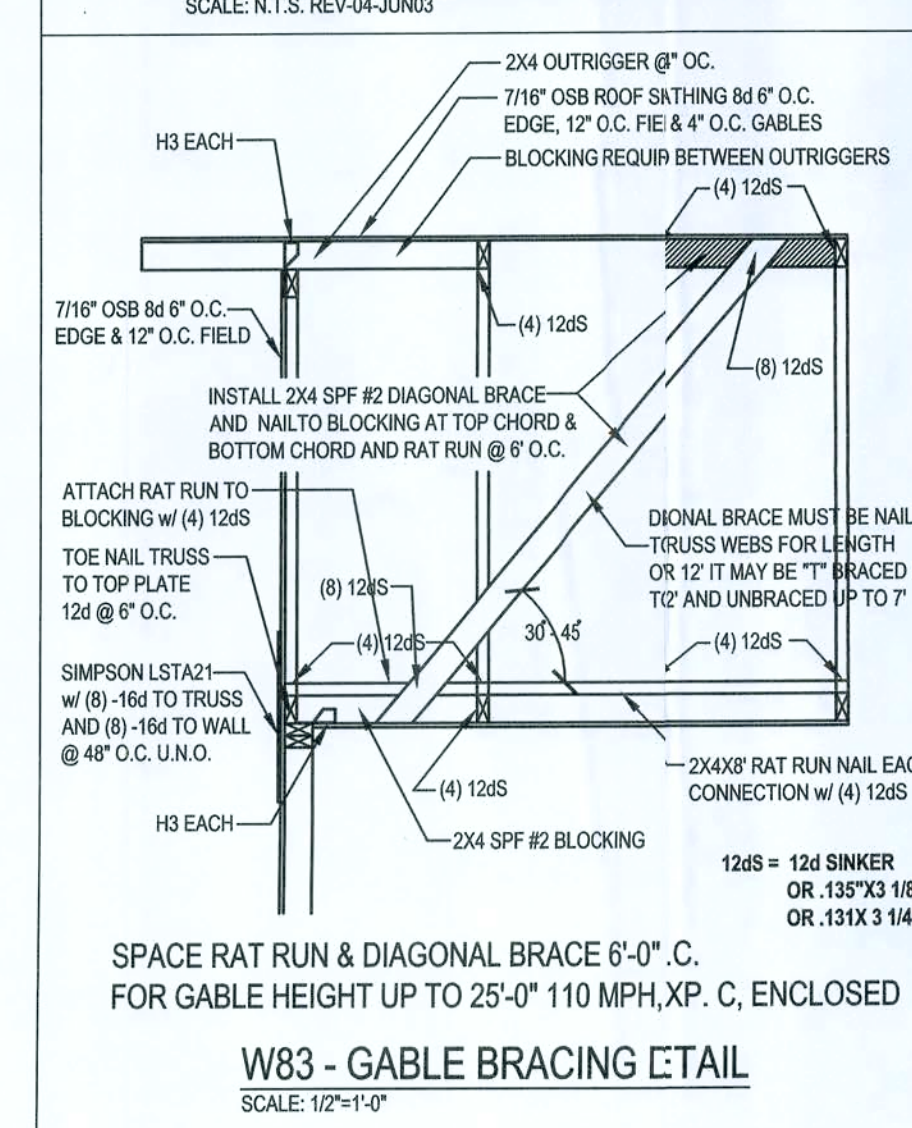
REBAR: ASTM A 615, GRADE 60, DEFORMED BARS. FY = 60 KSI. ALL LAPS SPICES 48" @ 30° FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-15 WITH ACI 315-96 UNLESS NOTED OTHERWISE. ALL TENSION DEVELOPMENT LENGTHS SHALL BE 30 INCHES.

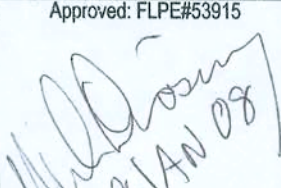
STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT, AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES. MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUT/ECMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 3" x 9/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 9/16"; NO

NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.



REV-27-Jul-04	
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Mark Disoway P.E.	
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Fax: (386) 269-4871	Email: windloadengineer@ellsouth.net
Location: Blackberry Farms SID Columbia County, Florida	
John Deardorf Residence	
Builder: Stanley Crawford Construction	
Designer:	
Approved: FLPE#53915  29 JAN 08	Revision:
Sheet S-1 of 1 Sheet	
Windload Engineering	
Job # 801'62	