

ANCHOR TABLE

OBTAIN UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING

TRUSS CONNECTOR	UPLIFT SYP	UPLIFT SP	F1 SYP	F2 SYP	F1 SYP	F2 SYP	TO RAFTER/TRUSS	TO PLATES
H5	455	265	55	115	200	100	4-8d x 1 1/2"	4-8d x 1 1/2"
H3	415	290	65	125	160	105	4-8d x 1 1/2"	4-8d x 1 1/2"
H2.5	415	365	90	150	150	130	4-8d x 1 1/2"	4-8d x 1 1/2"
H2.5A	480	480	95	150	150	130	4-8d x 1 1/2"	4-8d x 1 1/2"
H6	850	820	90	110	110	110	5-8d x 1 1/2"	5-8d x 1 1/2"
H8	745	565	20				8-8d	8-8d
H14-1	1465	1050	65	515	265	480	5-10d x 1 1/2"	5-10d x 1 1/2"
H14-2	1465	1050	65	515	265	480	12-8d x 1 1/2"	13-8d
H10	990	850	50	515	265	480	5-8d x 1 1/2"	15-8d
H10-2	760	655	50	585	525	505	8-8d x 1 1/2"	8-8d x 1 1/2"
H16	1470	1265	65	455	395	340	6-10d	6-10d
H16-2	1470	1265	65				2-10d x 1 1/2"	10-10d x 1 1/2"
LT312-LT320	1000	620	20				2-10d x 1 1/2"	10-10d x 1 1/2"
MTS12-MTS30	1000	860	20				6-10d x 1 1/2"	6-10d x 1 1/2"
HTS16-HTS30	1450	1245	50				7-10d x 1 1/2"	7-10d x 1 1/2"
HTS16-HTS30	1450	1245	50				12-10d x 1 1/2"	12-10d x 1 1/2"

HEAVY GIRDER TIE-DOWNS

GT2	2050	1785					TO FOUNDATION
LTG3-SDS2.5	3685	2655	65	700	170	700	14-16d
LTG4-SDS3	4060	3860	55	795	410	795	12-SDS 1/4" x 2 1/2"
MG1	3965	3330	60	2000	675	2000	12-SDS 1/4" x 3"
HGT-2	10980	6485	30				22-10d
HGT-3	10530	9035	35				16-10d
HGT-4	9250	9250	50				16-10d

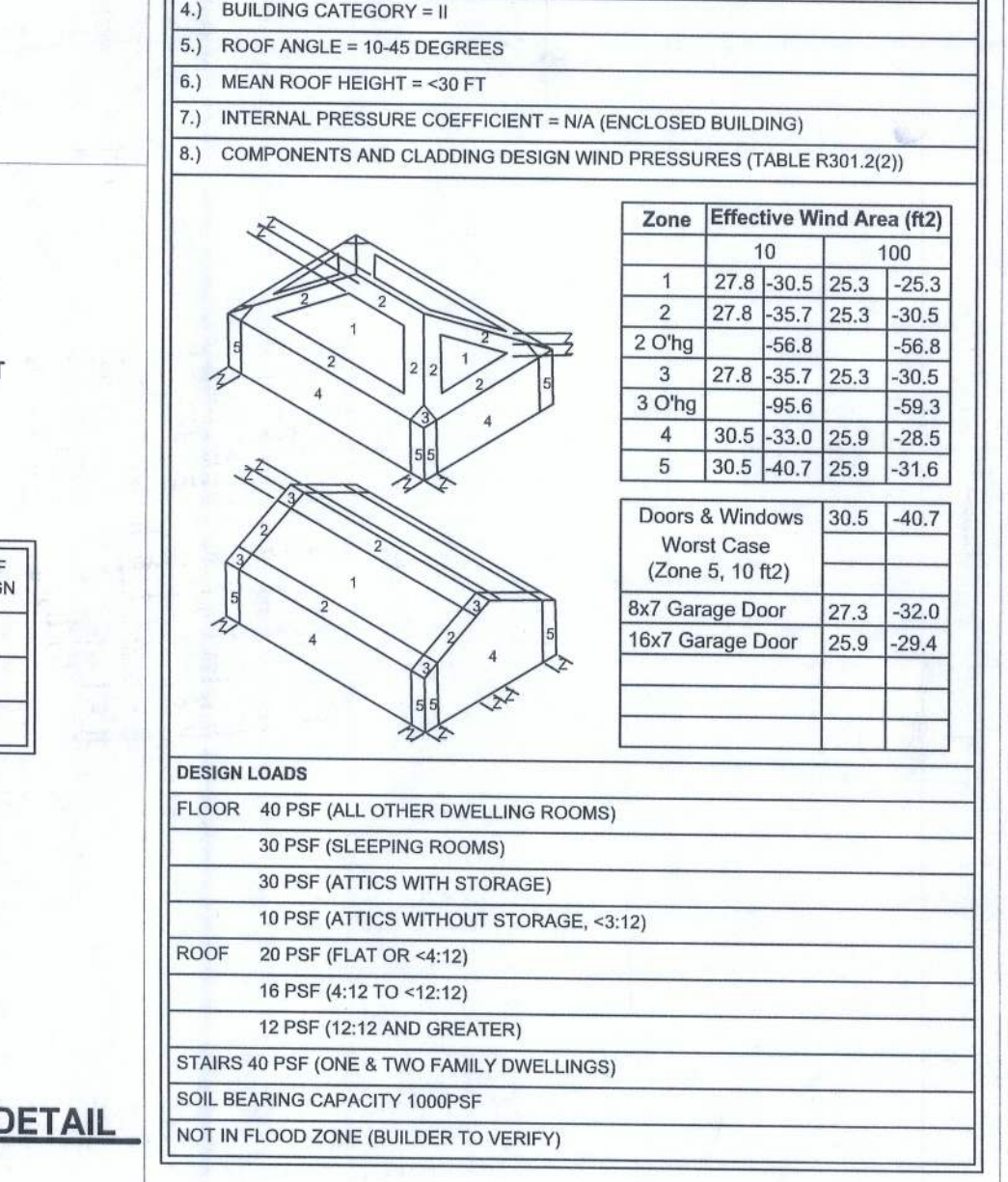
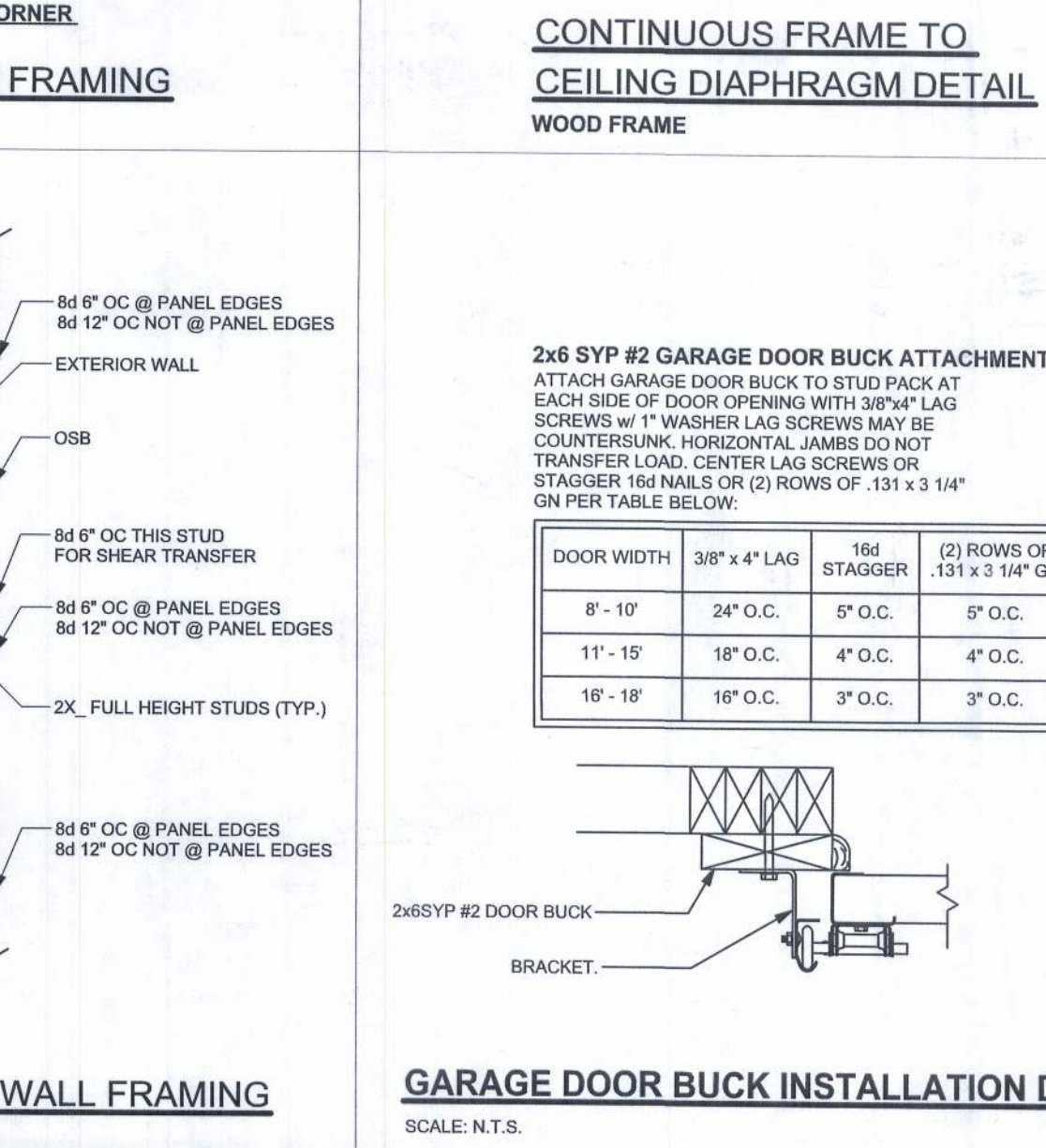
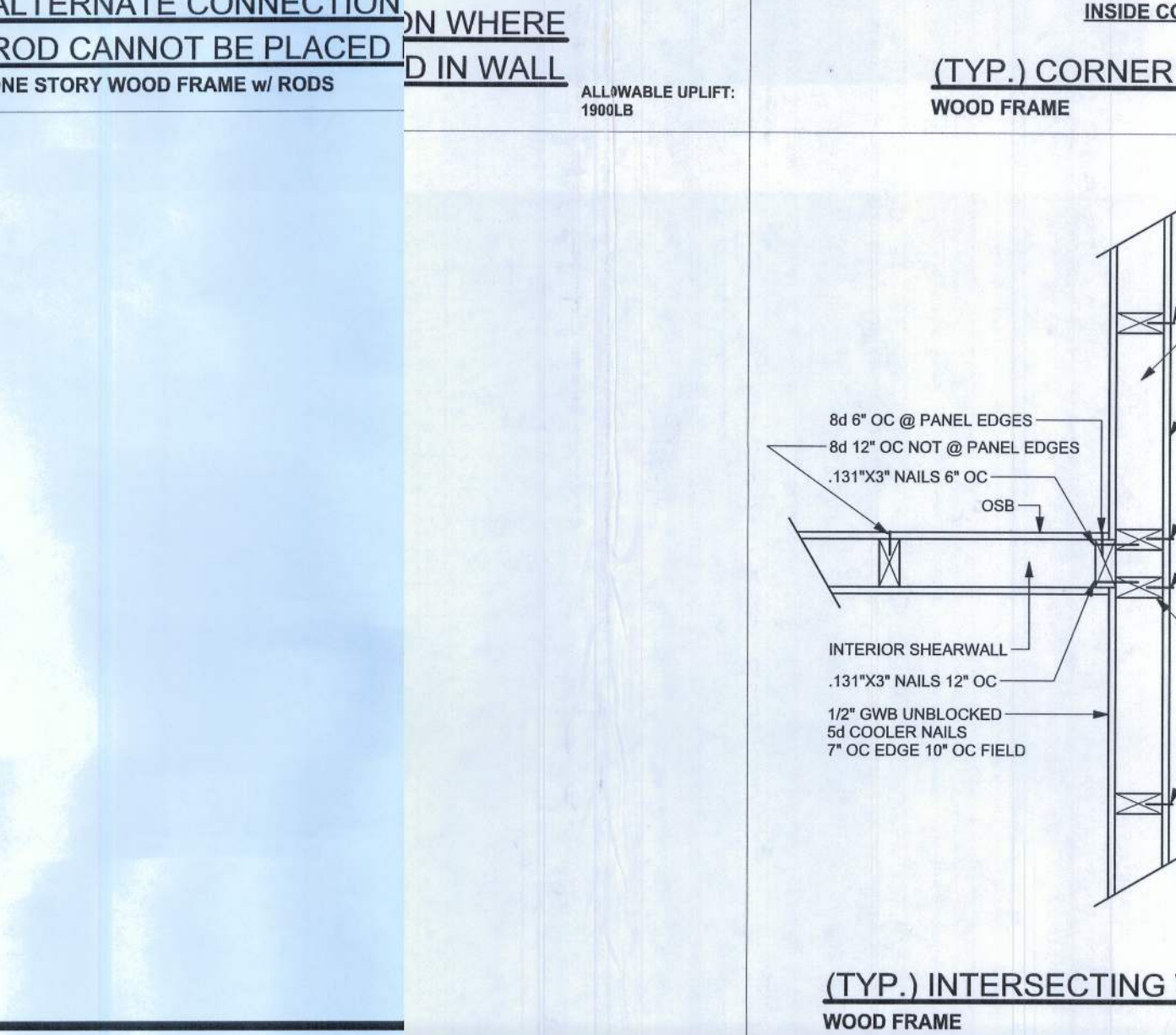
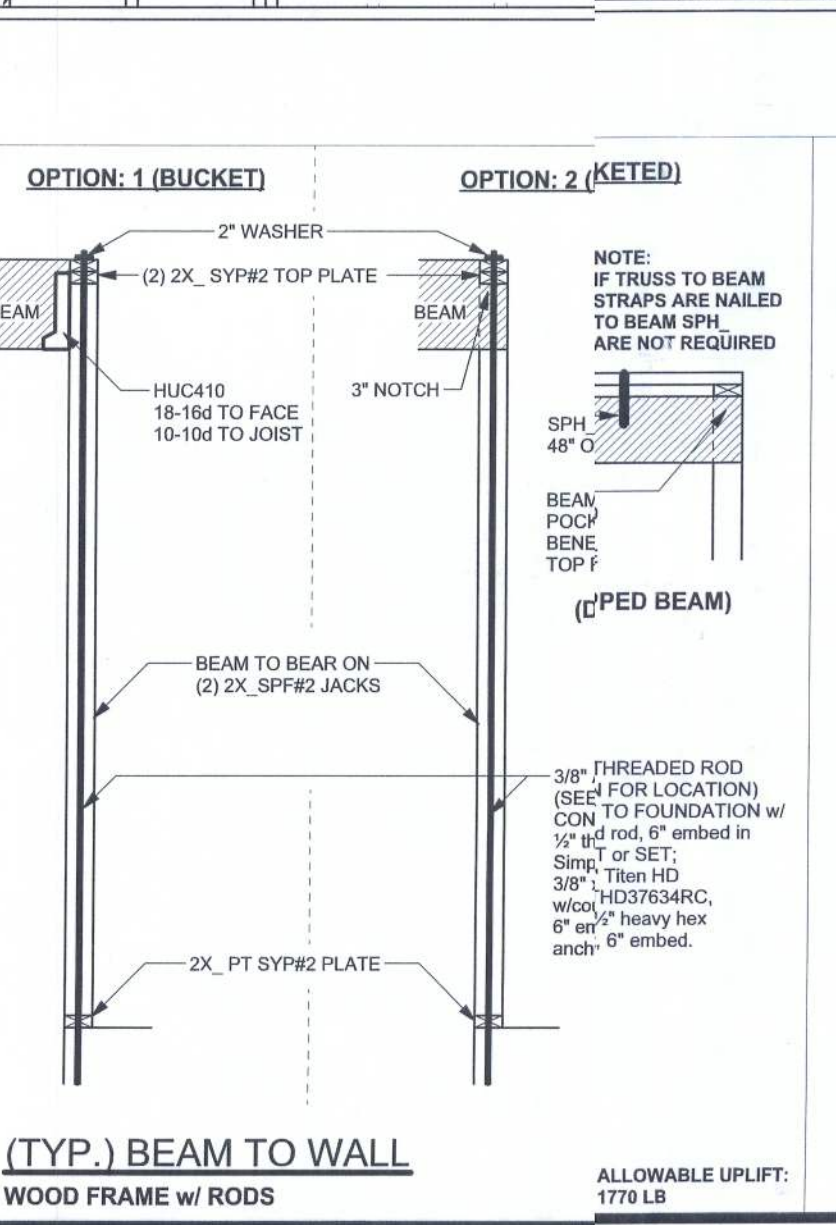
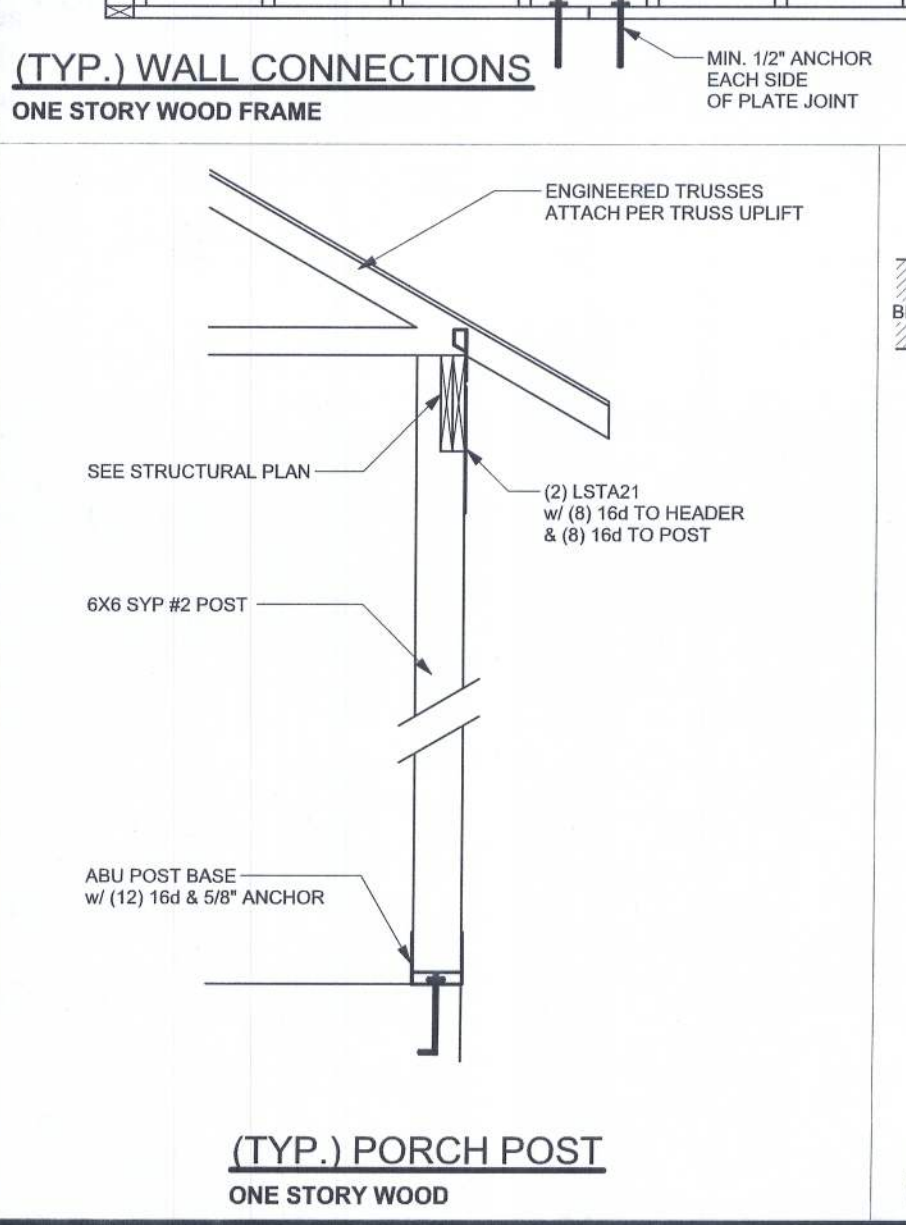
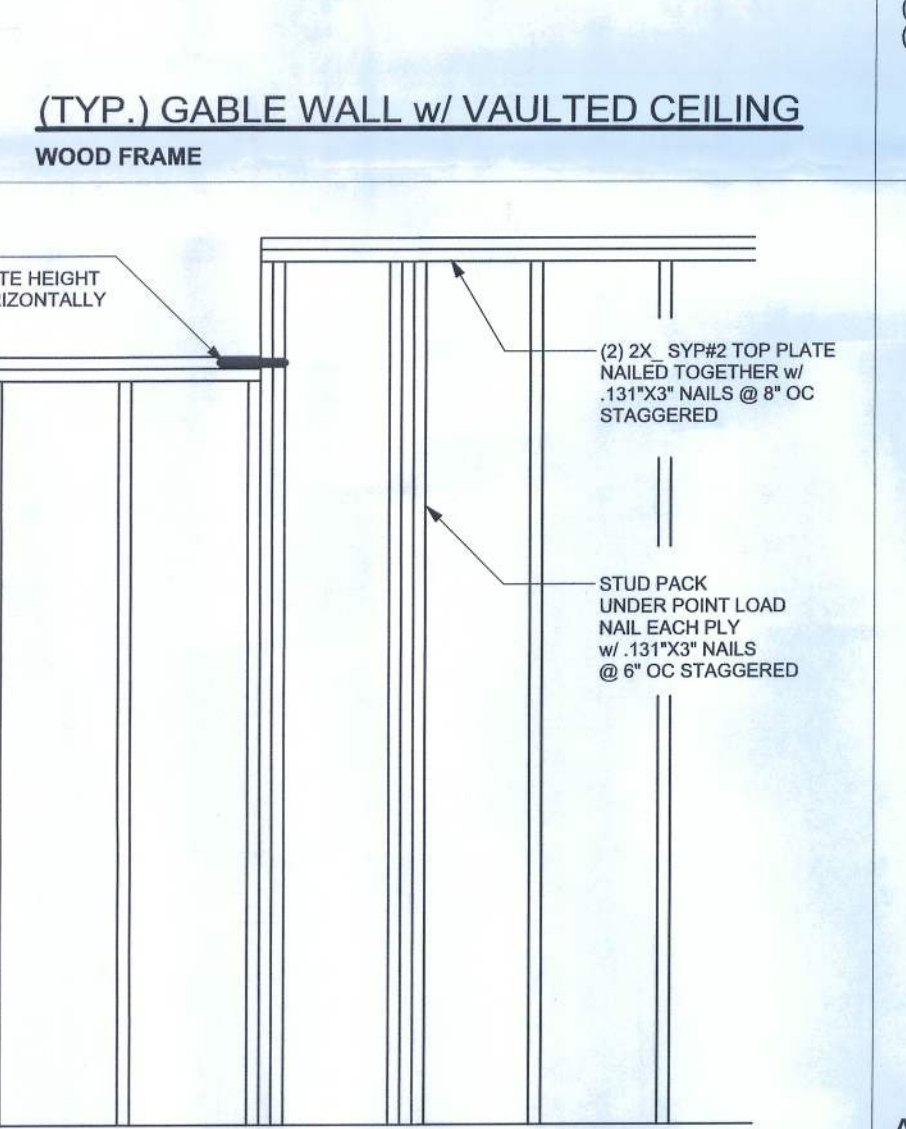
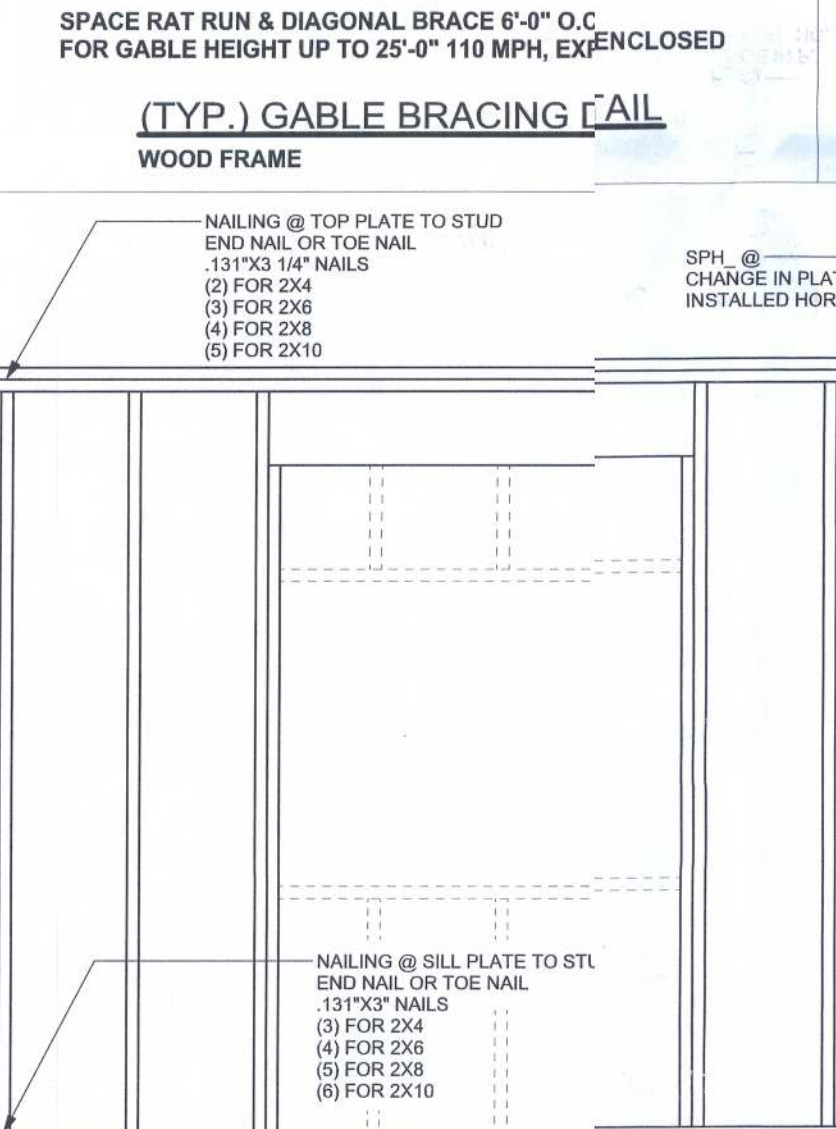
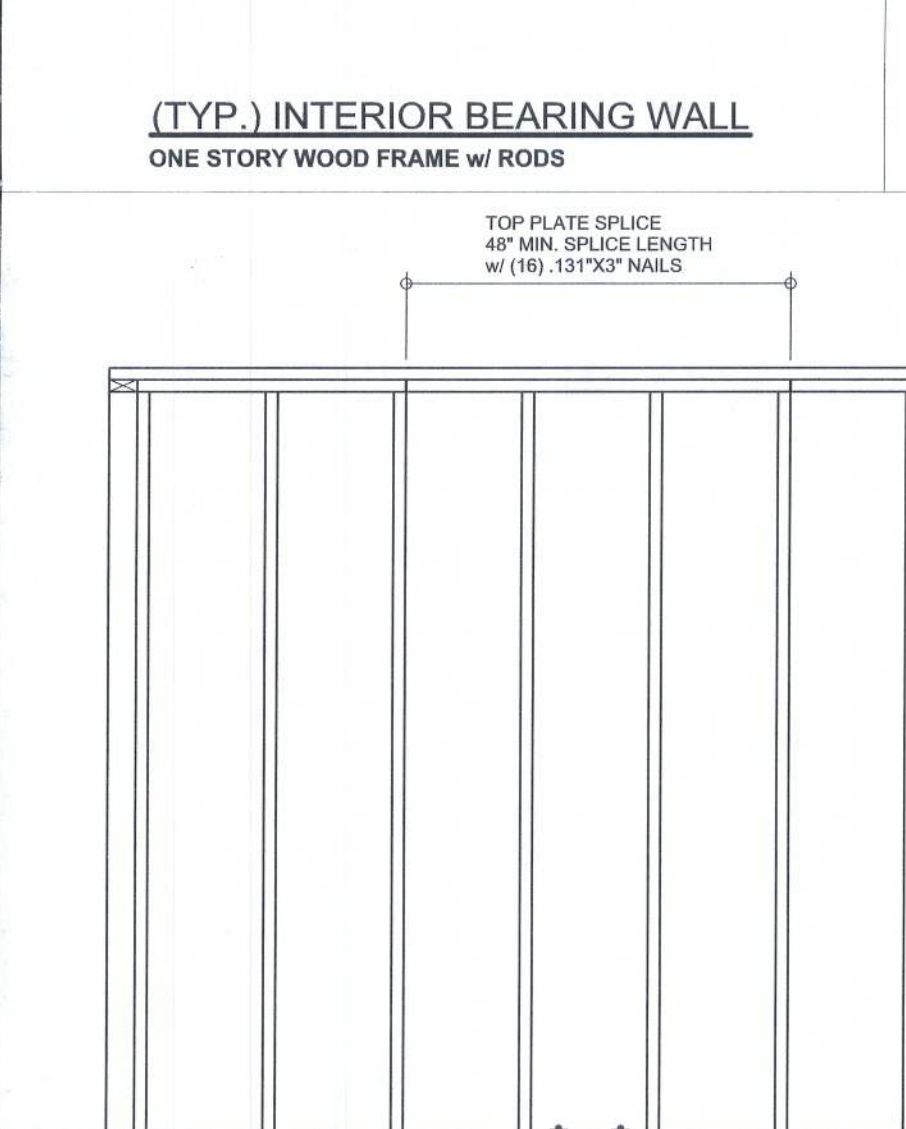
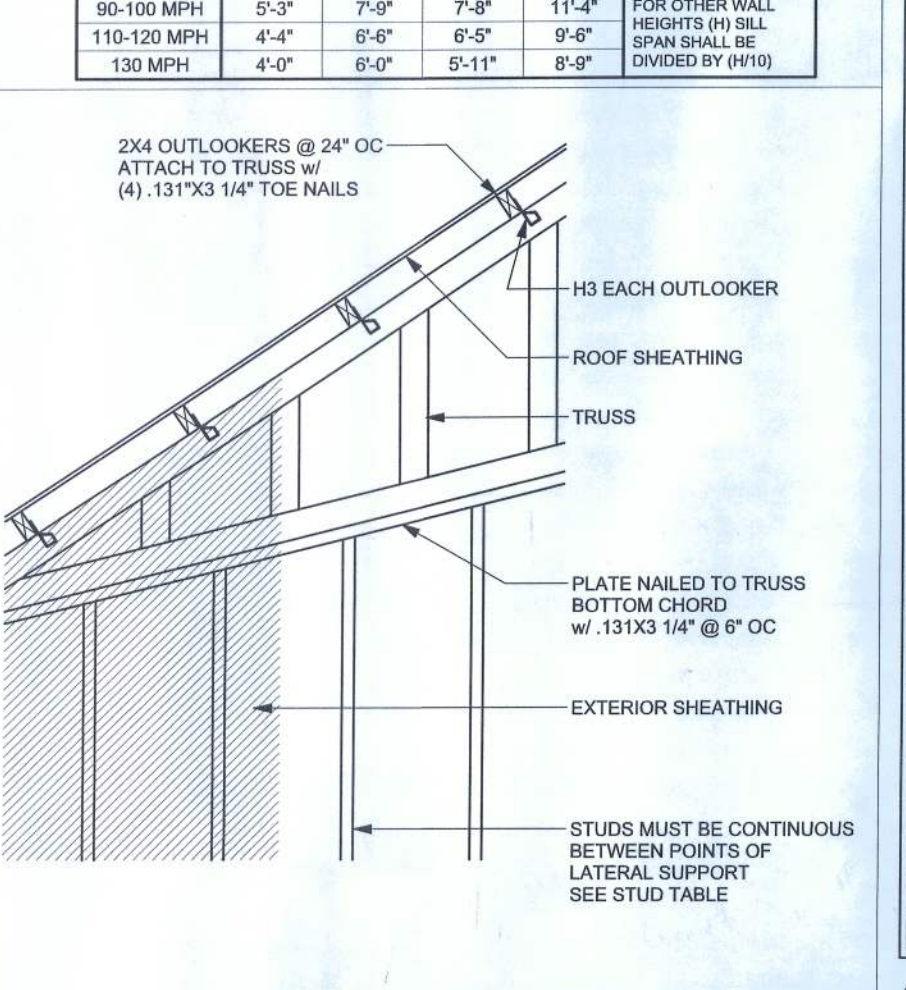
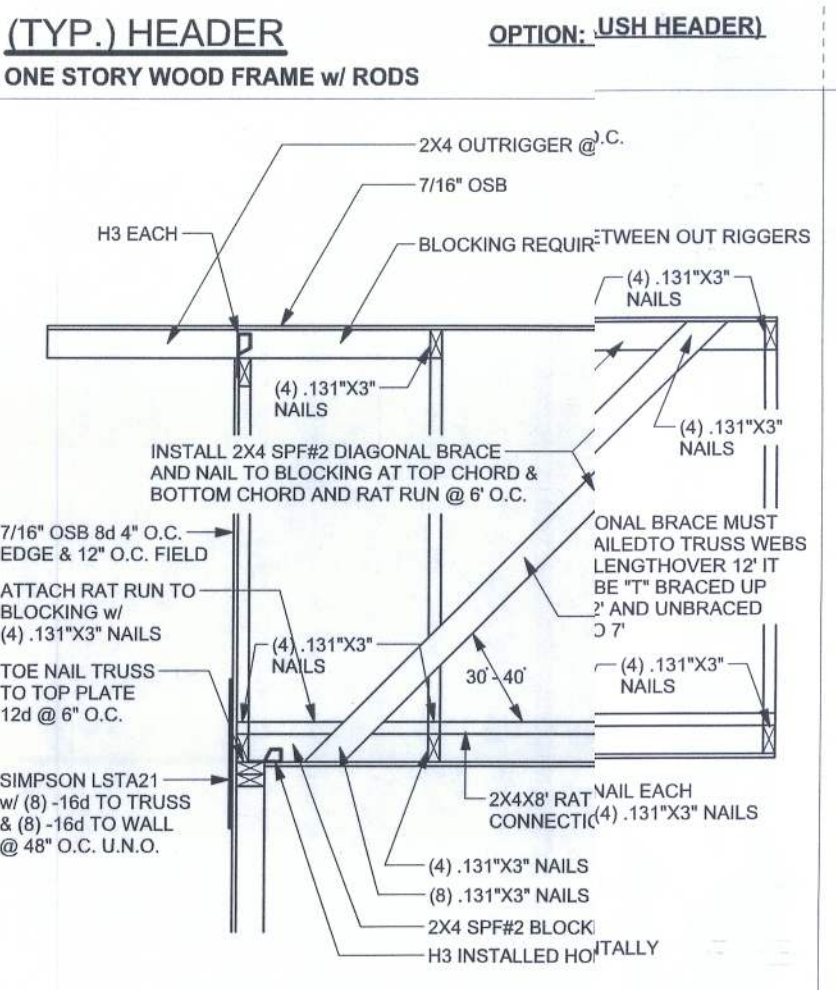
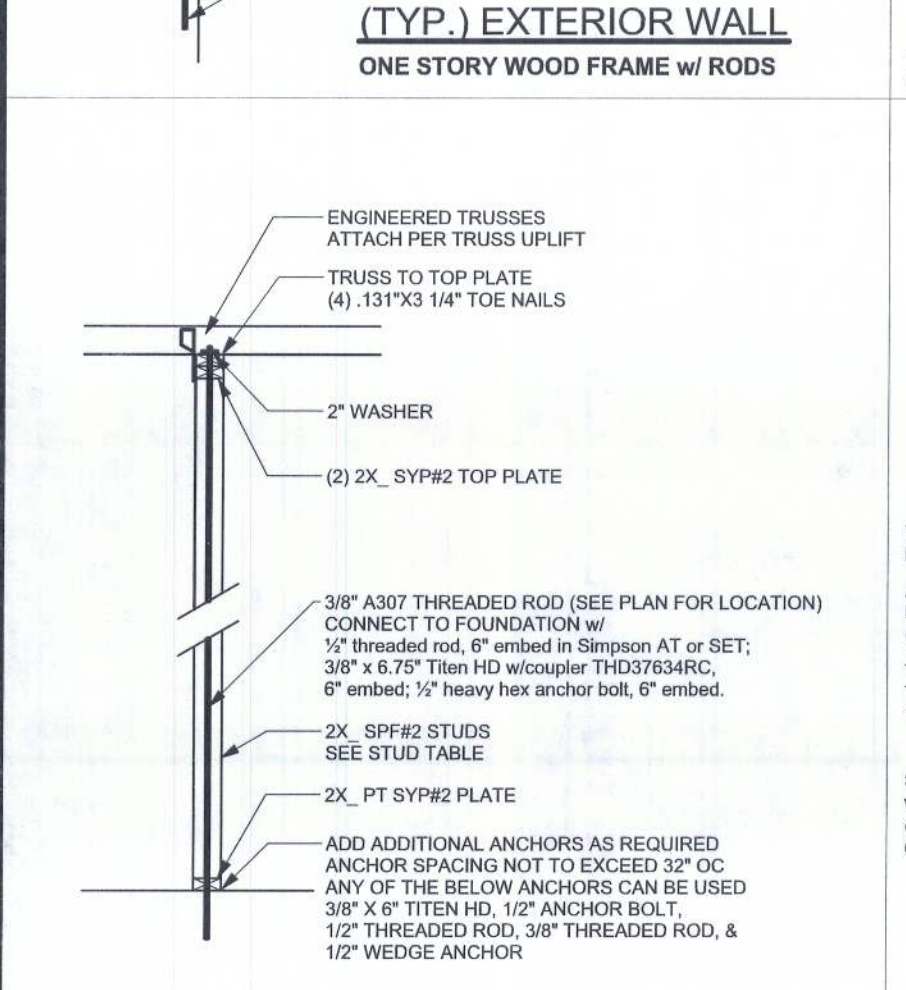
STUD STRAP CONNECTOR

SSP DOUBLE TOP PLATE	435	435					TO STUDS
SSP SINGLE SILL PLATE	455	420	35				3-10d
DSP DOUBLE TOP PLATE	825	825	30				1-10d
DSP SINGLE SILL PLATE	825	800	35				6-10d
SP1	665	635	35				2-10d
SP2	1065	605	35				4-10d
SP4	885	760	30				1-10d
SPH4	1240	1065	65				6-10d
SP6	885	760	30				6-10d
SPH6	1240	1065	65				10-10d x 1 1/2"
LSTA18	1235	1110	30				10-10d x 1 1/2"
LSTA21	1235	1235	35				14-10d
CS20	1030	1030	30				16-10d
CS16	1705	1705	50				14-10d

STUD ANCHORS

LT119	1350	1305					TO STUDS
LT131	2310	2310	50				1/2" ANCHOR
HD2A	2775	2570	30				18-10d x 1 1/2"
HTT16	4175	3695	35				2-5/8" BOLTS
HTT22	5260	5250	35				18-16d
ABU4A	2200	2200	30				32-16d
ABU6	2300	2300	30				12-16d
ABU8	2320	2320	30				12-16d

(1) w/ INSTALLATION OF 4-16ds OPTIONAL
(2) FOR SYP GIRDER & SPF STUDS



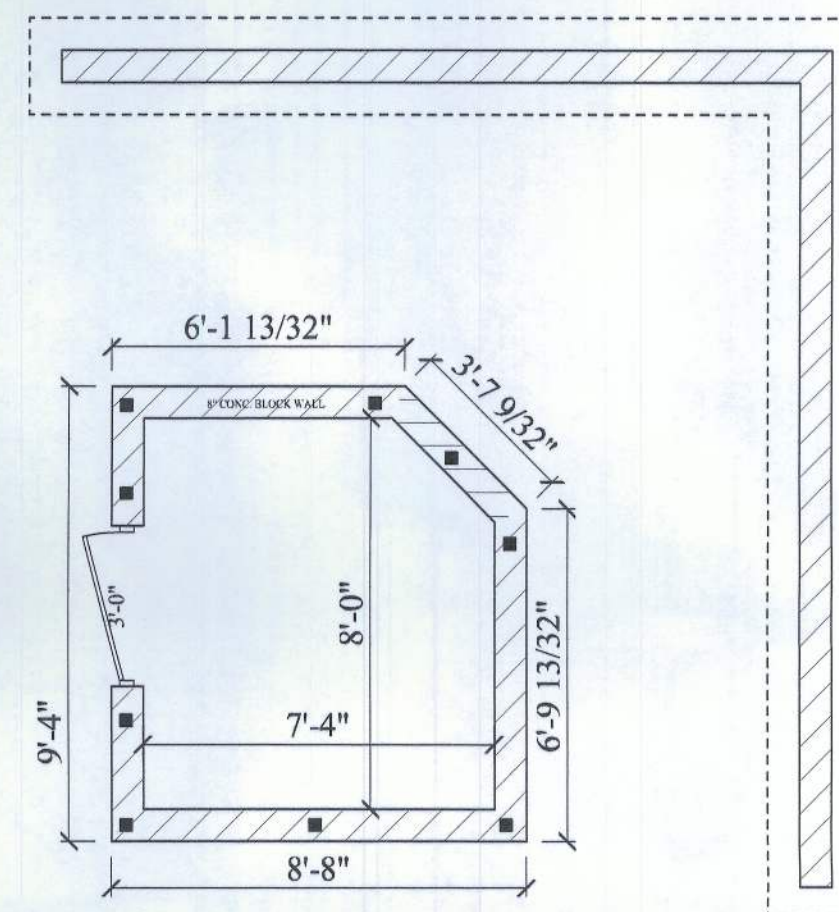
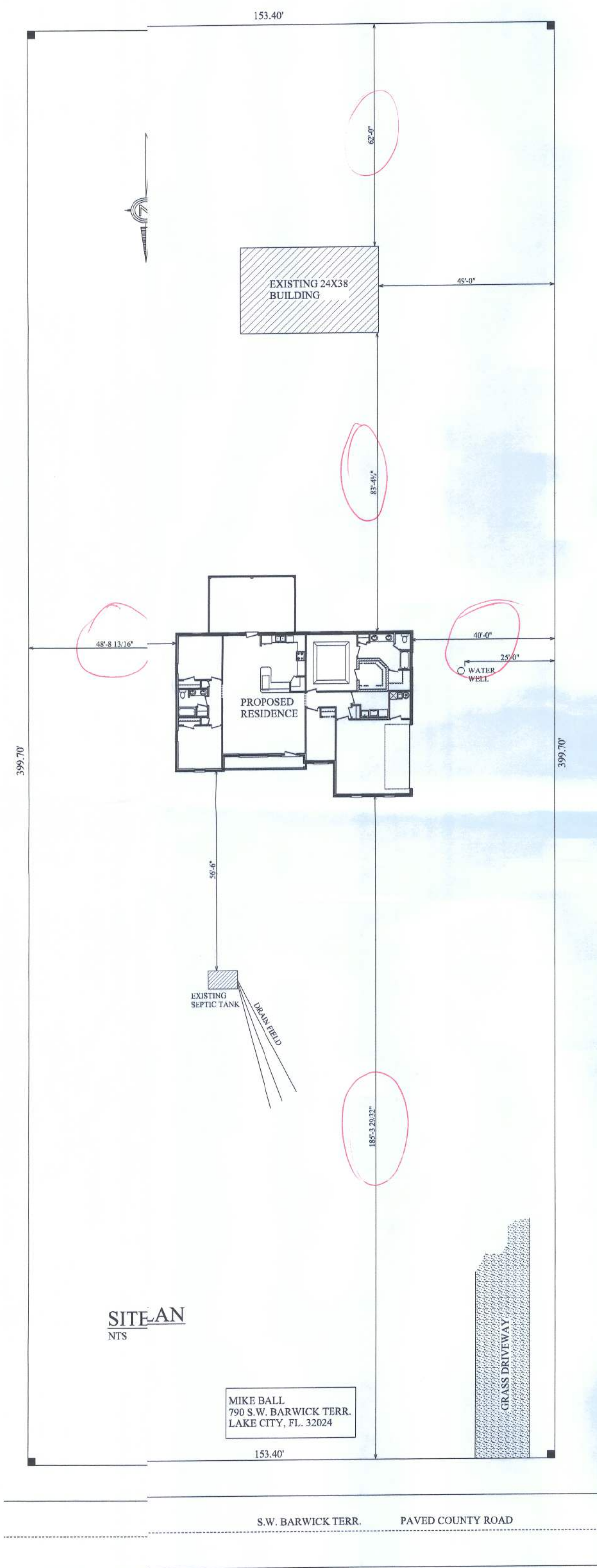
GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2007. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER'S FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN UPLIFT CONNECTION 415LB EACH END; 2X8 RAFTERS 700 LB EACH END.

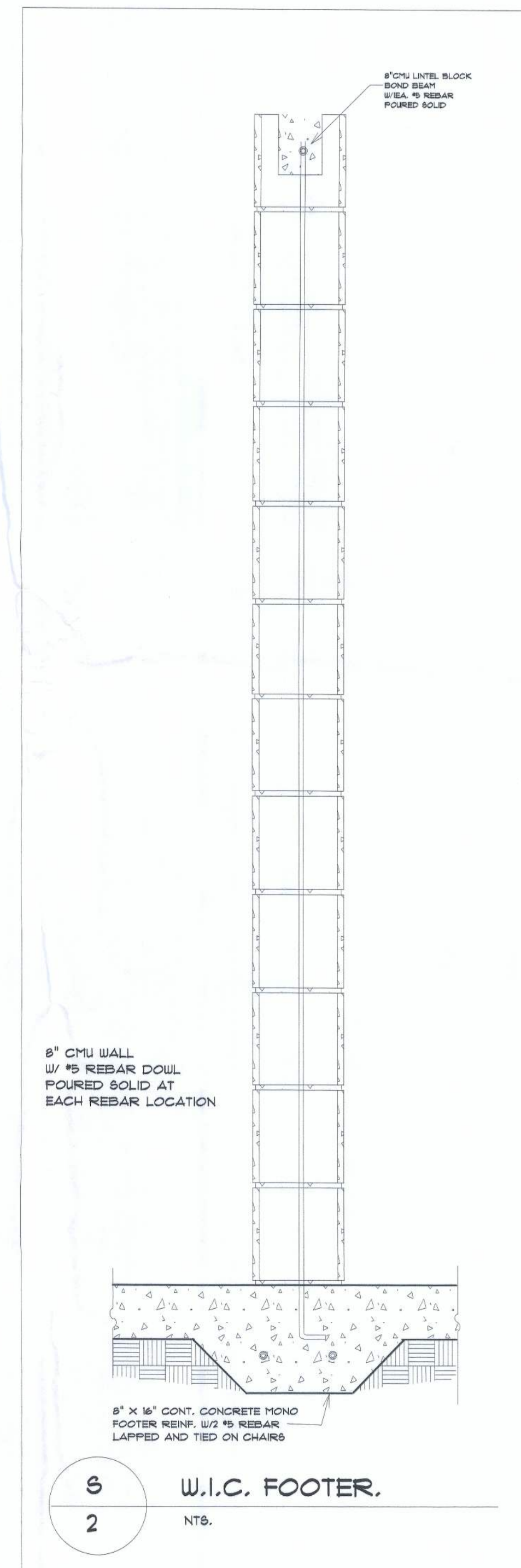
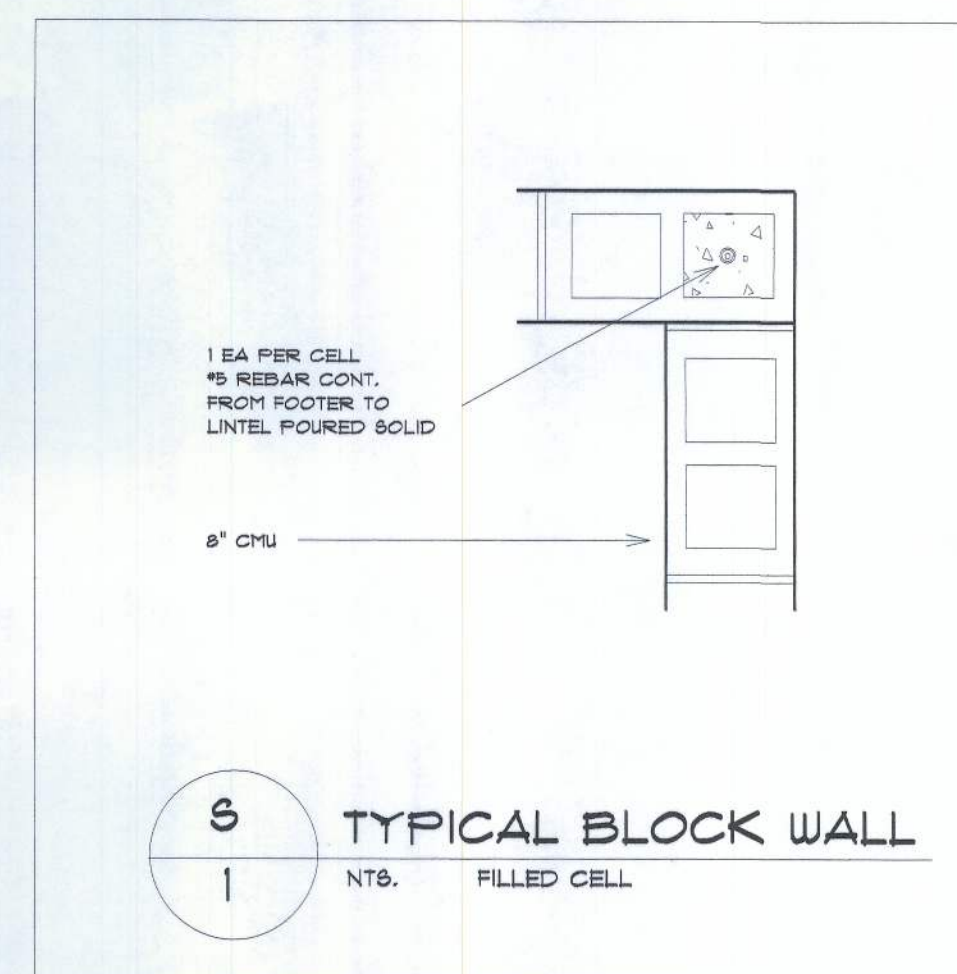
SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN.

FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1000 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVIDE OTHERWISE).

CONCRETE: MINIMUM COMPRESSIVE



W.I.C. DETAIL
SCALE: 1/4" = 1'-0"



634 S.W. DUCKETT CT.
LAKE CITY, FL. 32024
PHONE: (386) 755-7186

DAWSON
DESIGNS

MIKE & TRACY BALL
RESIDENCE

SITE & WALK IN CLOSET
PLAN & NOTES

DRAWN BY: MD

DATE: 4/022010

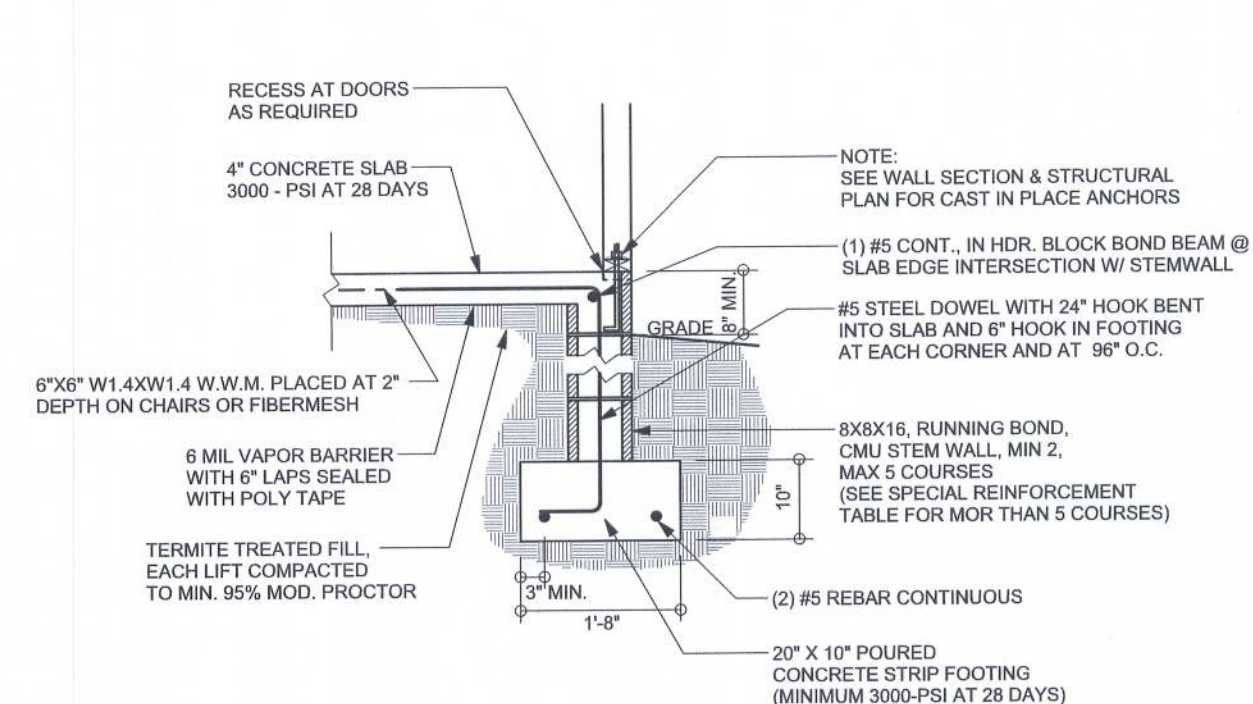
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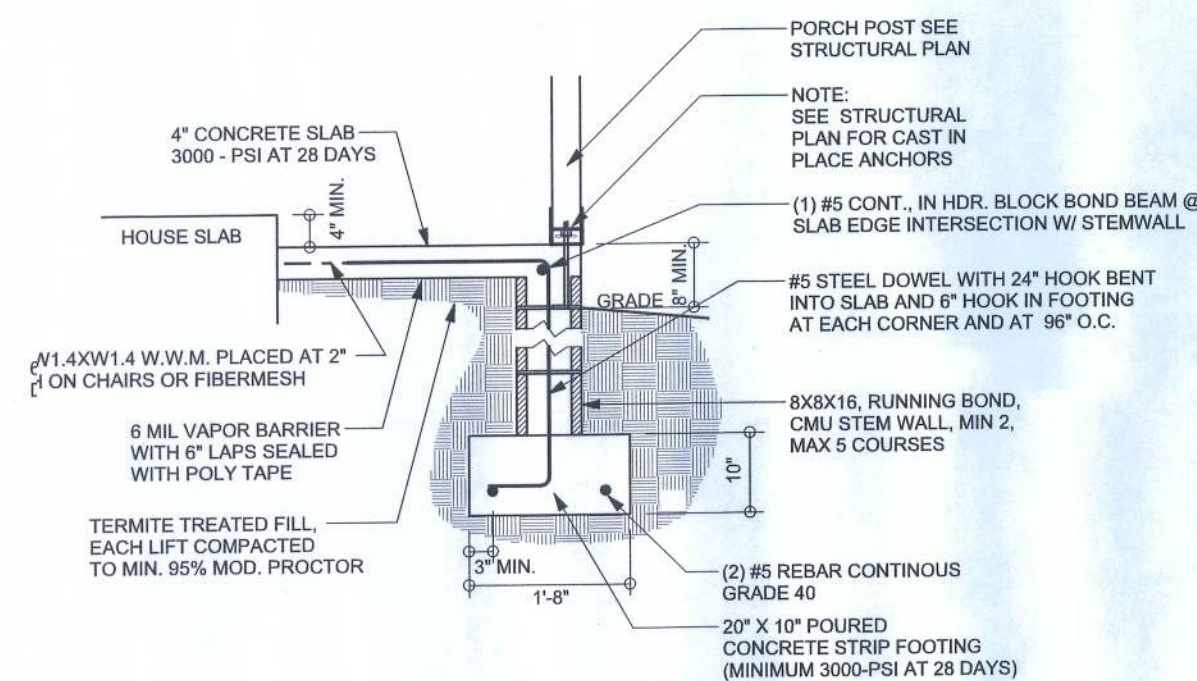
S-1

REVISIONS	
revised engineering for 3/8" rod wall anchors 2011-01-05	

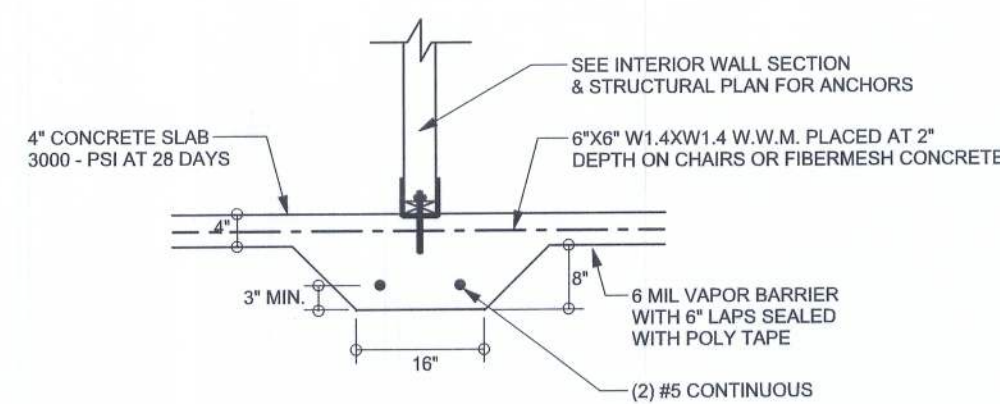
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



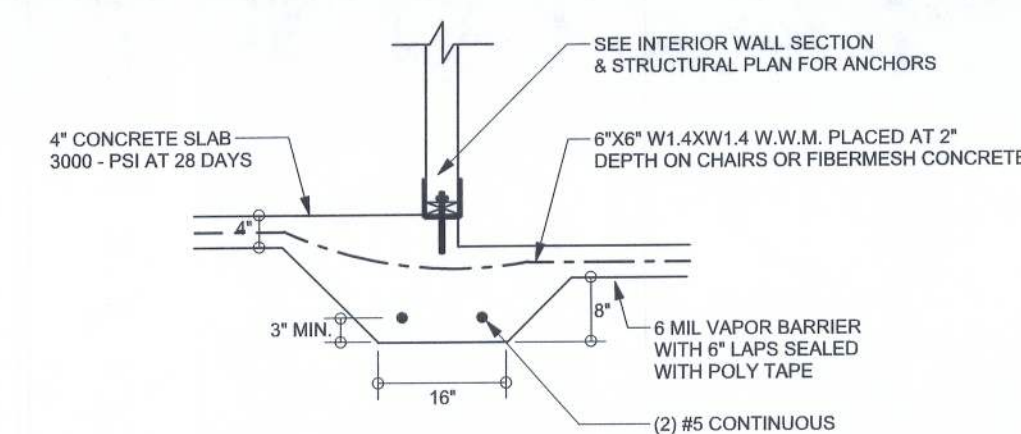
F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



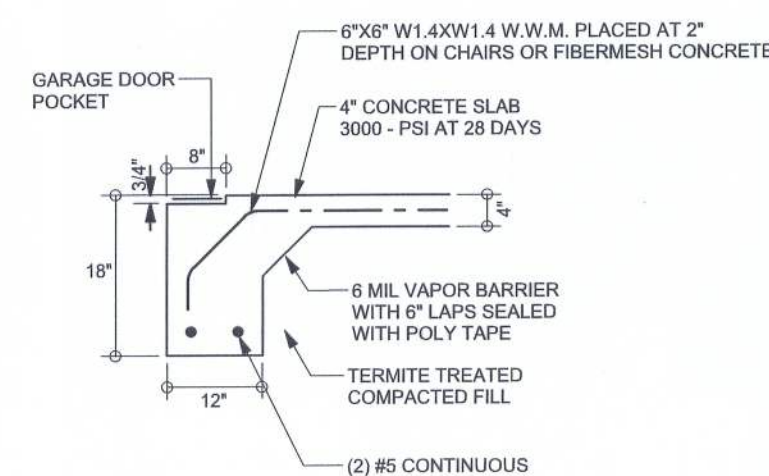
F12 S-2 STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"

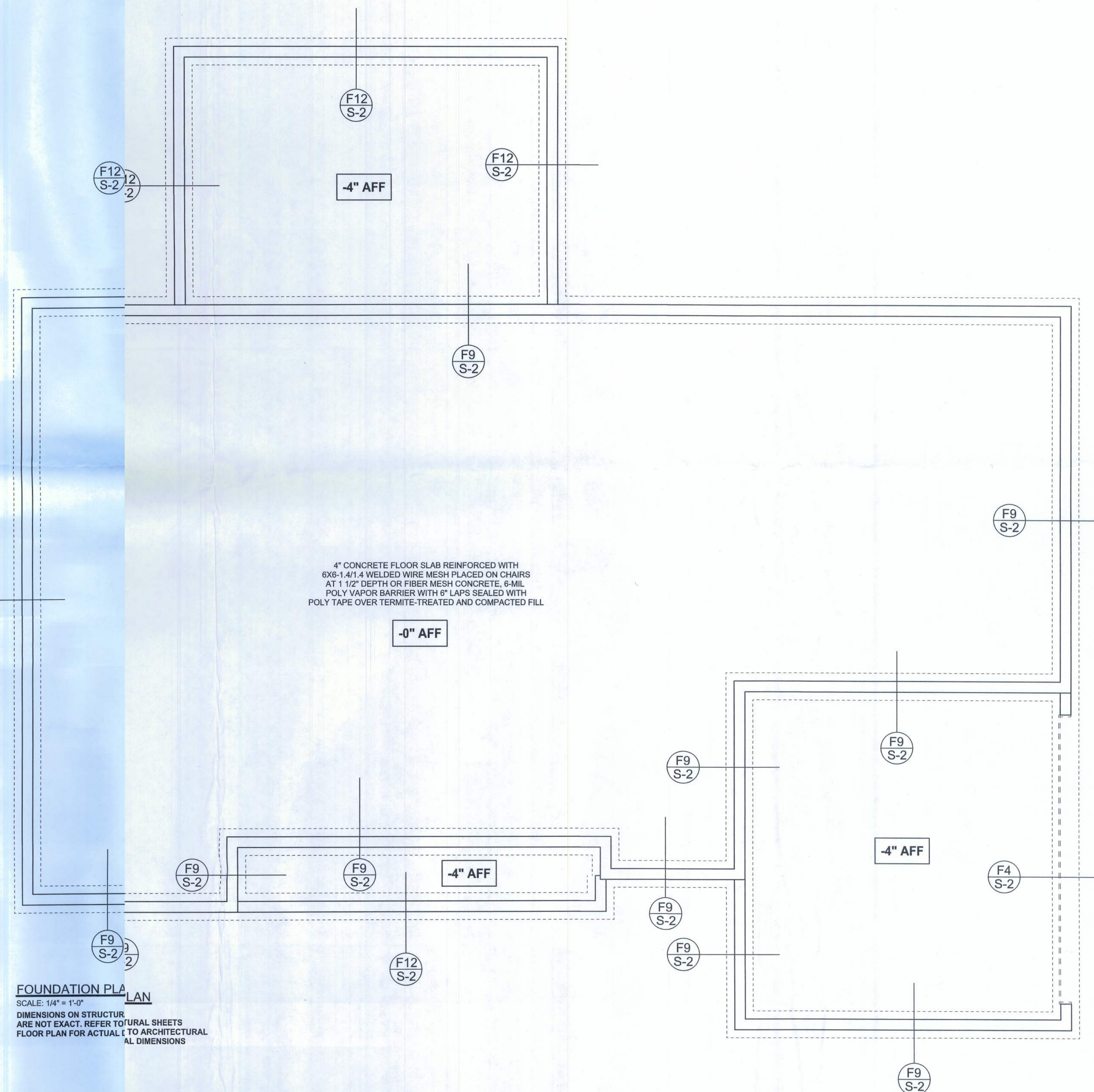


F4 S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"

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 165 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. 53915, P.O. Box 868, Lake City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supersede scaled dimension. 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 F301.2.1, Florida building code, effective 2007, to the best of my knowledge.

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



Mike Ball
Residence

ADDRESS:
90 SW Barwick Terr.
Lake City, Florida 32024

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

PRINTED DATE:
January 05, 2011

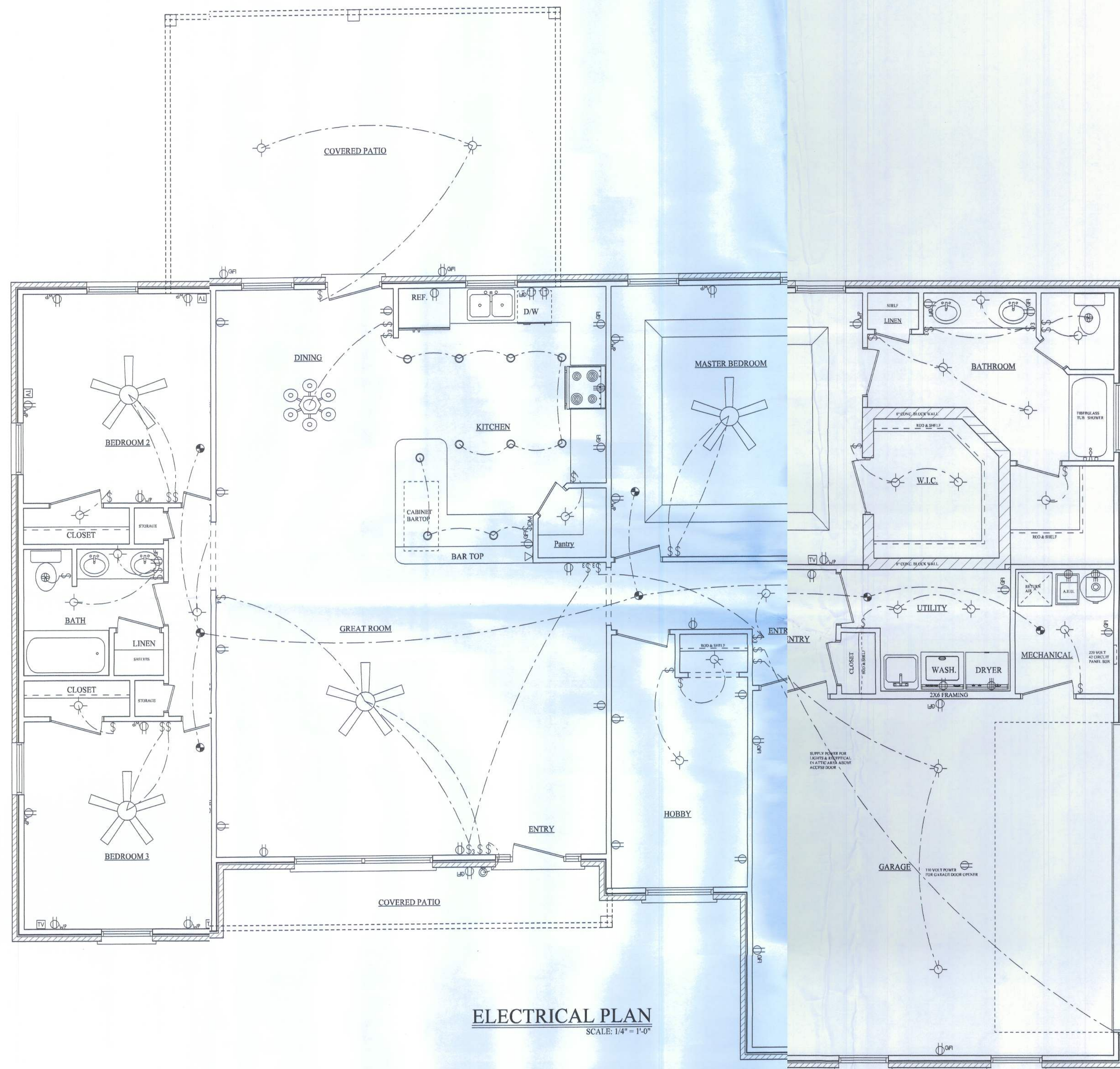
DRAWN BY: STRUCTURAL BY:
David Disoway

FINAL DATE:
17Mar10

JOB NUMBER:
1003020

DRAWING NUMBER
S-2

OF 3 SHEETS



ELECTRICAL	COUNT	SYMBOL
ceiling fan w/light	4	
chandelier	1	
recessed light	10	
exterior light	3	
electrical meter	1	
electrical panel	1	
cable tv outlet	5	
dimmer switch	1	
exhaust fan	2	
light	23	
outlet	19	
outlet 220v	4	
outlet gfi	16	
outlet afi	15	
smoke detector	7	
switch	27	
switch 3 way	9	
switch 4 way	1	
telephone	1	

ELECTRICAL NOTES:

ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELECTRICAL PLAN, ADDITIONS TO THE ELECTRICAL PLAN, RISER DIAGRAM, AS-BUILT PANEL, SCHEDULE W/ ALL CIRCUITS IDENTIFIED W/ CIRCUIT NUMBER, DESCRIPTION & BREAKER. SERVICE ENTRANCE & ALL UNDERGROUND WIRE LOCATIONS RISER DIAGRAM SHALL INCLUDE WIRE SIZES/TYPE AND EQUIPMENT TYPE WRATINGS & LOADS. ALL WET LOCATIONS SHALL BE PROTECTED BY GFCI PROTECTION AND ALL BEDROOM RECEPITS SHALL BE PROTECTED BY AFCI PROTECTION.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWINGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY. TELEPHONE, TELEVISION, AUDIO, SECURITY SYSTEM OR OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE PER THE OWNERS DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF THE NEC-LATEST EDITION.

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

ALL BEDROOMS RECEPITS SHALL BE AFCI.

634 S.W. DUCKETT CT.
LAKE CITY, FL. 32024
PHONE: (386) 755-7186

DAWSON
DESIGNS

MIKE & TRACY BALL
RESIDENCE

ELECTRICAL
PLAN & NOTES

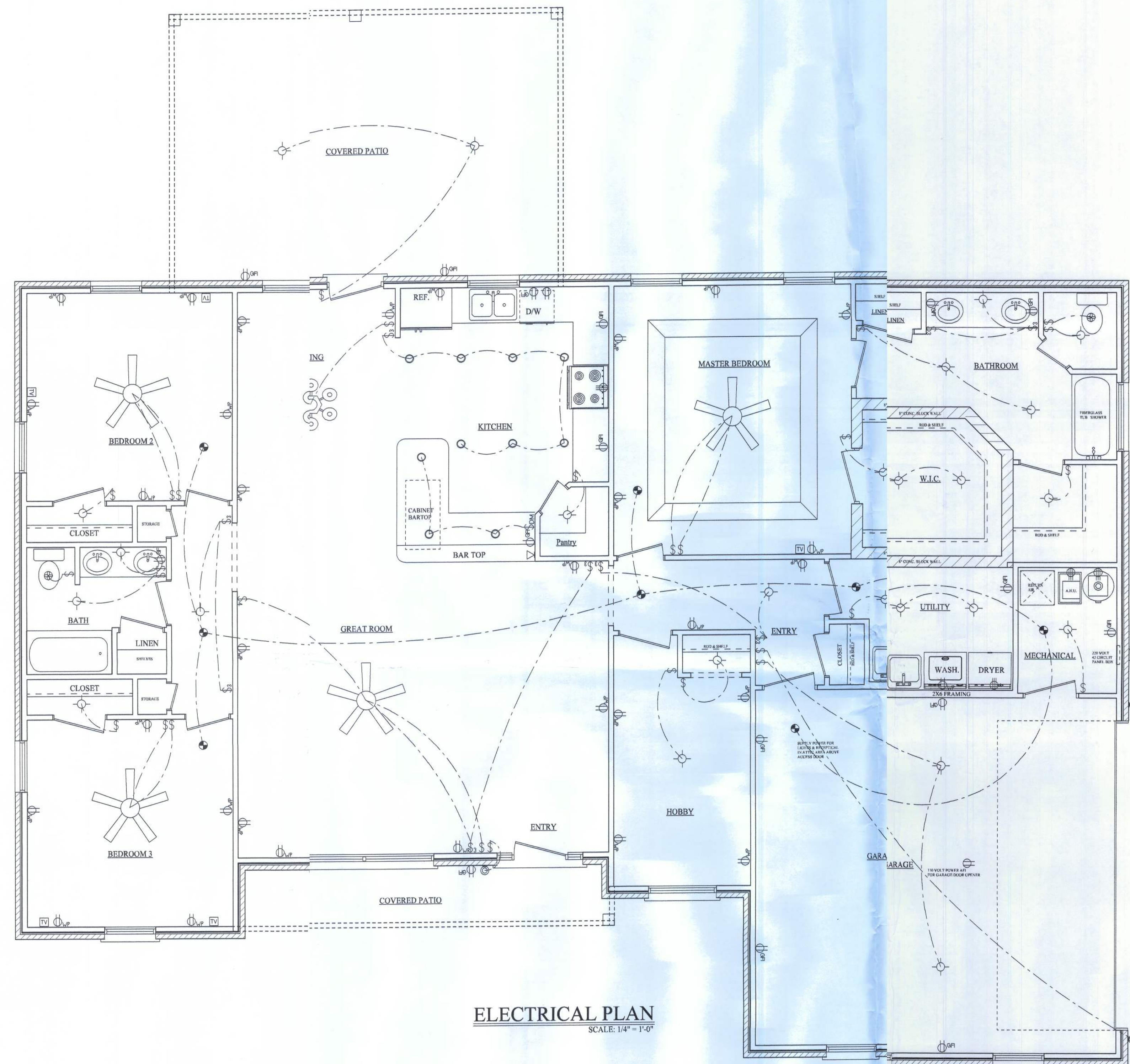
DRAWN BY: MD

DATE: 4/02/2010

PROJECT NO: MB042010

SHEET NUMBER:

E-1



ELECTRICAL	COUNT	SYMBOL
ceiling fan w/light	4	
chandelier	1	
recessed light	10	
exterior light	3	
electrical meter	1	
electrical panel	1	
cable tv outlet	5	
dimmer switch	1	
exhaust fan	2	
light	23	
outlet 110v	2	
outlet 220v	4	
outlet gfi	16	
outlet afi	34	
smoke & carbon monoxide detector	8	
switch	27	
switch 3 way	9	
switch 4 way	1	
telephone	1	

ELECTRICAL NOTES:
ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELECTRICAL PLAN, ADDITIONS TO THE ELECTRICAL PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CIRCUITS IDENTIFIED W/ CIRCUIT NUMBER, DESCRIPTION & BREAKER. SERVICE ENTRANCE & ALL UNDERGROUND WIRE LOCATIONS RISER DIAGRAM SHALL INCLUDE WIRE SIZES/TYPES AND EQUIPMENT TYPE RATINGS & LOADS. ALL WIRE LOCATIONS SHALL BE PROTECTED BY GFCI PROTECTION AND ALL BEDROOM RECEPTS SHALL BE PROTECTED BY AFCI PROTECTION.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWINGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY. TELEPHONE, TELEVISION, AUDIO, SECURITY SYSTEM OR OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF THE NEC-LATEST EDITION.
ALL SMOKE & CARBON MONOXIDE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER.
ALL ROOMS RECEPTS SHALL BE AFCI UNLESS OTHERWISE NOTED ON THE PLANS.

634 S.W. DUCKETT CT.
LAKE CITY, FL. 32024
PHONE: (386) 755-7186

DAWSON
DESIGNS

MIKE & TRACY BALL
RESIDENCE

ELECTRICAL PLAN

DRAWN BY: MD
DATE: 4/02/2010
PROJECT NO: MB042010
SHEET NUMBER:
E-1

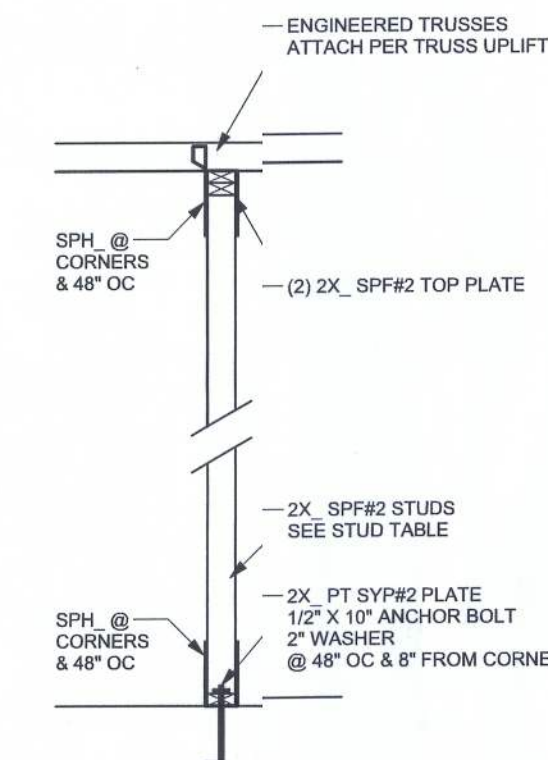


Diagram showing the elevation view of a porch post and base. The post is labeled "4X4 / 6X8 SYP #2 POST". The base is labeled "ABU POST BASE w/ (12) 16d & 5/8\"

OPTION: 1 (BUCKET)

2) 2K SYW2 TOP PLATE

HUC
18-1 HUC410
10-1/2 IN-16 TO FACE
10-16 TO JOIST

BEAM

2) MTS20

3" NOTCH

BEAM TO BEAR ON
(2) 2X SFFR2 JACKS

SPH

2X PT SYW2 PLATE
1/2" ANCHOR
2" WASHER
WITHIN 2" OF STUD PACK

OPTION: 2 (POCKETED)

NOTE:
IF TRUSSES TO BEAM
STRAIPS ARE NAIL TO
BEAM SPHs
ARE NOT REQUIRED

SPH @
48" OC

BEAM—
POCKETED
BENEATH
TOP PLATE

(DROPPED BEAM)

(TYP.) BEAM TO WALL

WOOD FRAME WALL

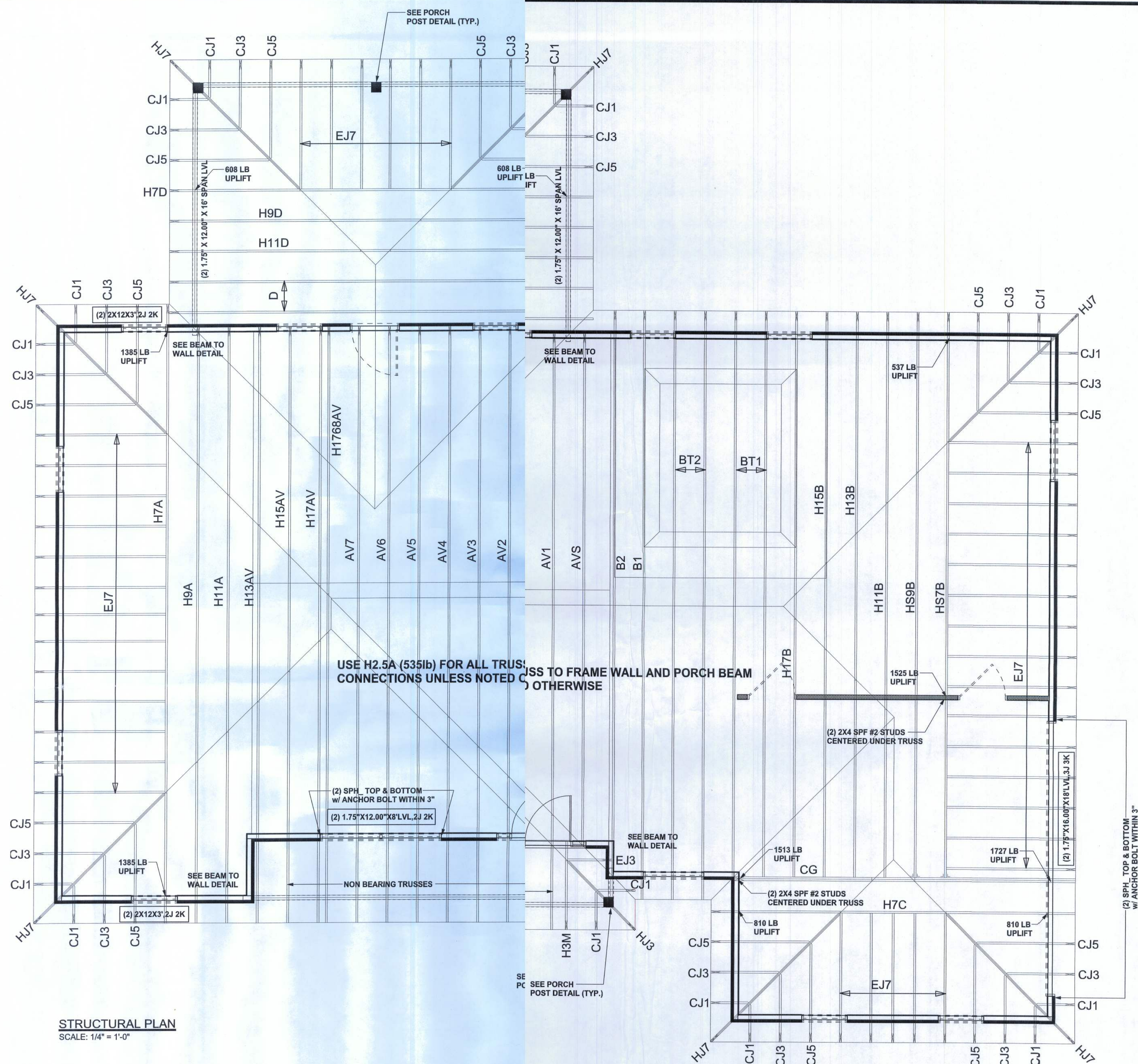
ALL DIMENSIONS IN INCHES

ALL DIMENSIONS IN INCHES

ALLOWABLE UPLIFT
1285 LB

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-1-03, 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

	EX	EXTERIOR WALL
	IN	INTERIOR NON-LOAD BEARING WALL
	IN	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	IN	INTERIOR LOAD BEARING WALL w/ UPLIFT

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

	REQUIRED	ACTUAL
TRANSVERSE	38.5'	62.0'
LONGITUDINAL	36.4'	84.0'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY ANDERSON TRUSS CO. JOB #10-018

WORKLOAD ENGINEER: Mark Disosway, P.E. 53915, POB 868, Lake City, FL 3206, 386-754-5419

DIMENSIONS: Steel 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/interim 2007, to the best of my knowledge.

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

MARK DISOSWAY
P.E. 53915

Mark Disosway
15 MAR 10
SEAL

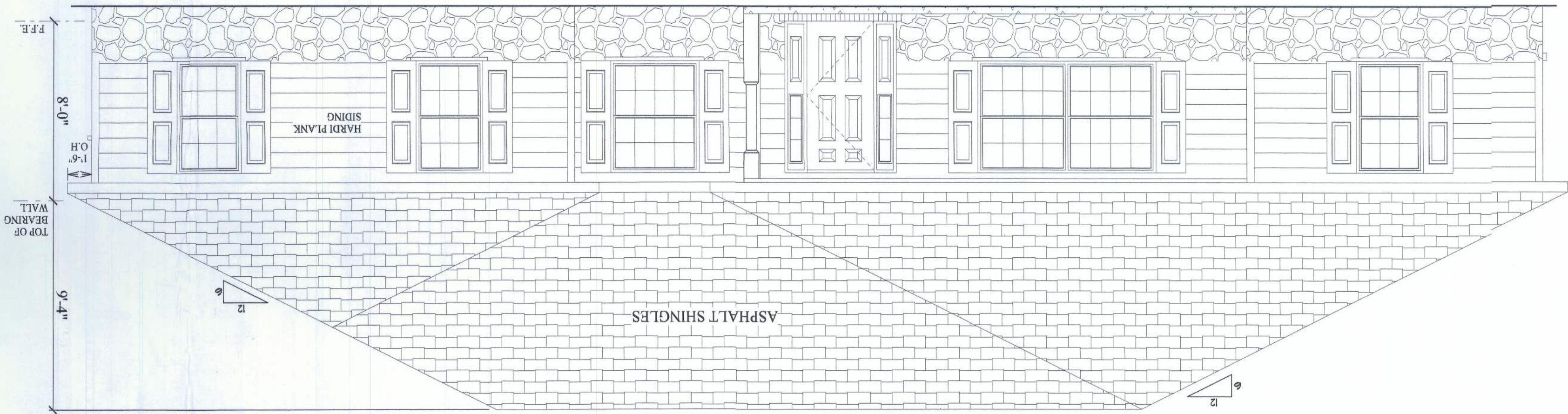
Mike Ball
Residence

ADDRESS:
790 SW Barwick Terr.
Lake City, Florida 32024

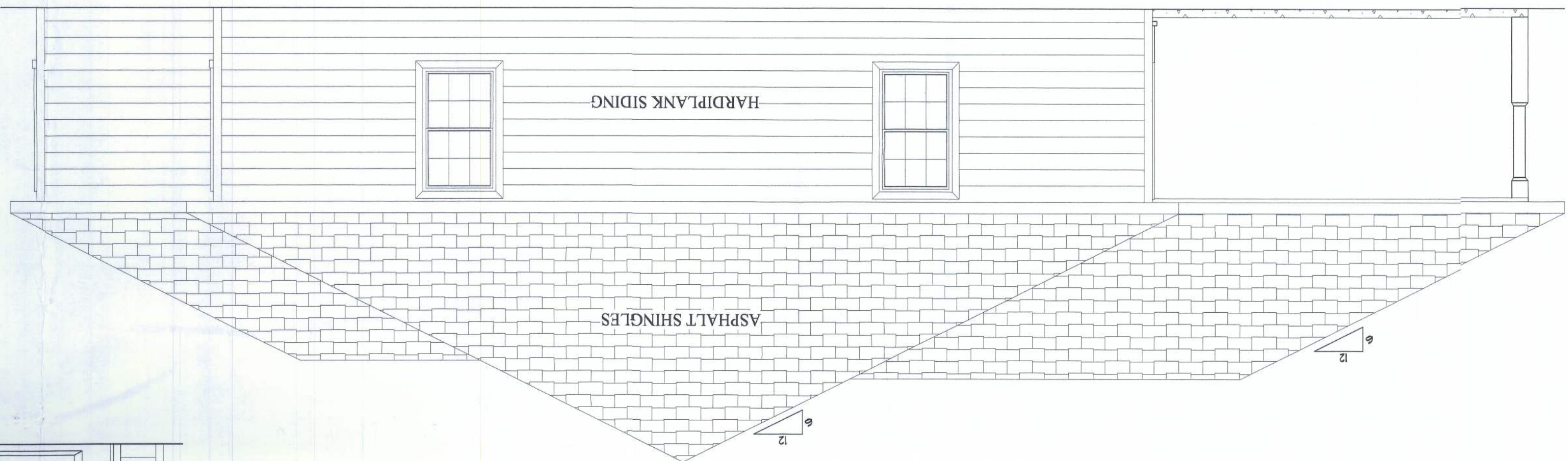
Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
March 18, 2010
DRAWN BY: David Disosway
STRUCTURAL BY: David Disosway

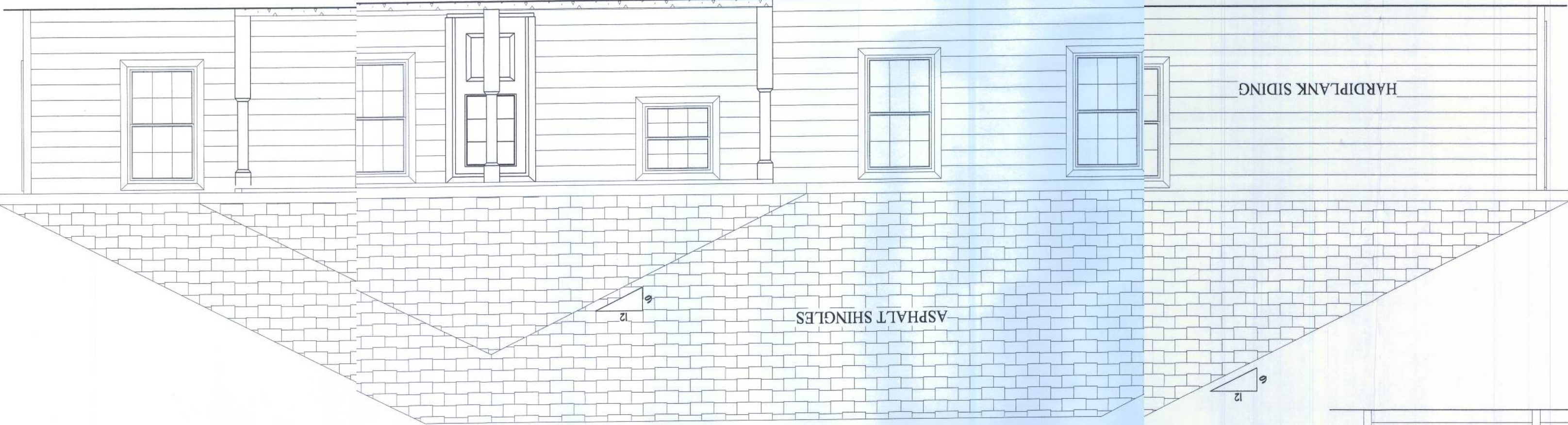
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1 Mar 10
JOB NUMBER:
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DRAWING NUMBER
S-3
OF 3 SHEETS



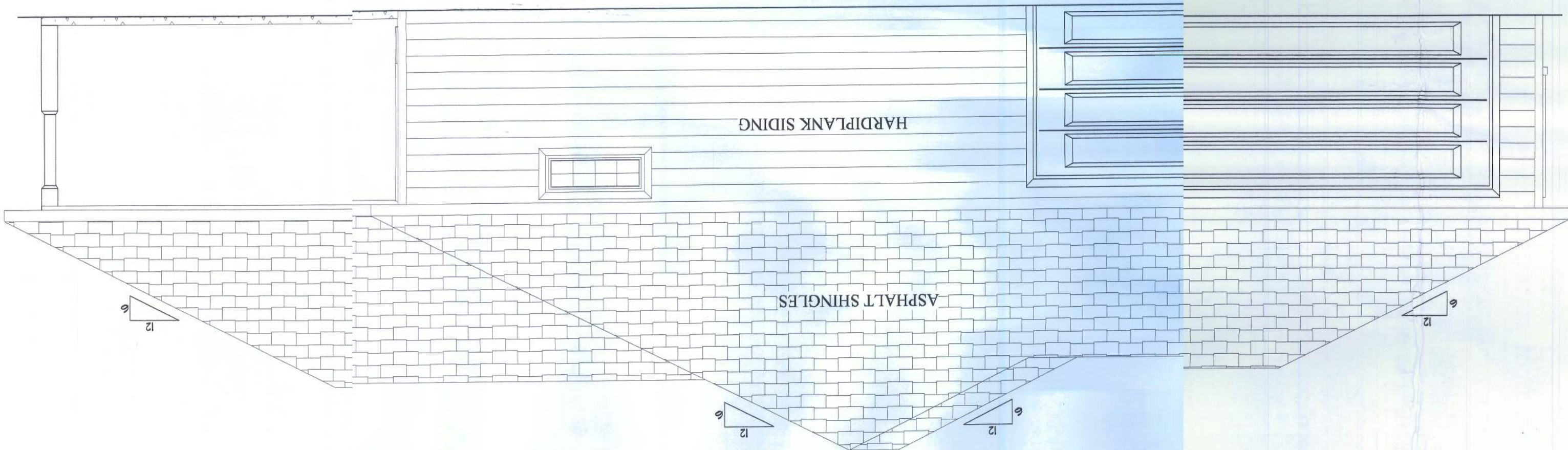
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

A-2

SHEET NUMBER:

PROJECT NO.: MB042010

DATE: 4/02/2010

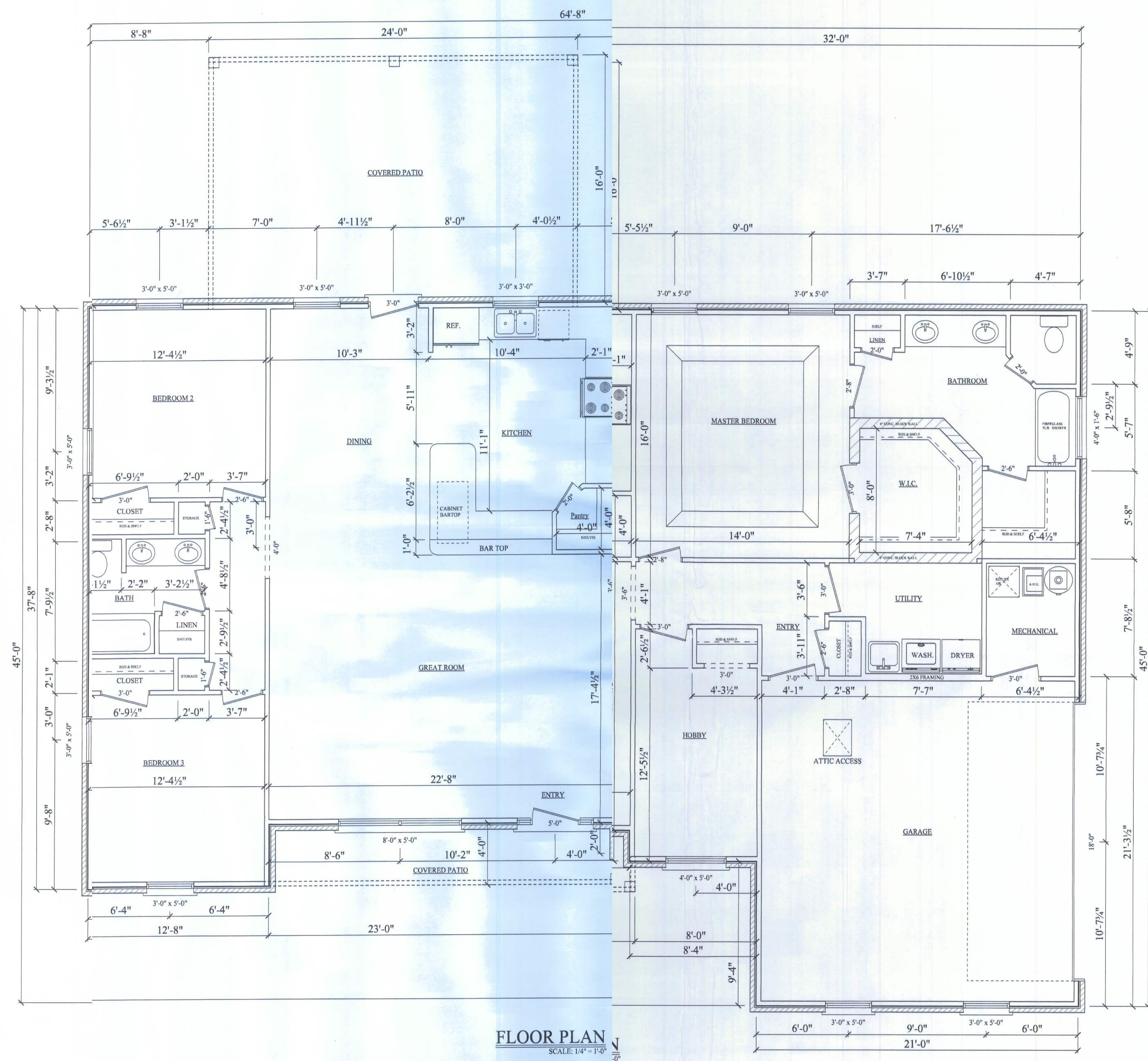
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ELEVATIONS

MIKE & TRACY BALL
RESIDENCE

DAWSON
DESIGNS

634 S.W. DUCKETT CT.
LAKE CITY, FL. 32024
PHONE: (386) 755-7186



Handwritten signature/initials.

634 S.W. DUCKETT CT.
LAKE CITY, FL 32024
PHONE: (386) 755-7186

DAWSON DESIGNS MIKE & TRACY BALL RESIDENCE

FLOOR PLAN

DRAWN BY: MD

DATE: 4/07/2010

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