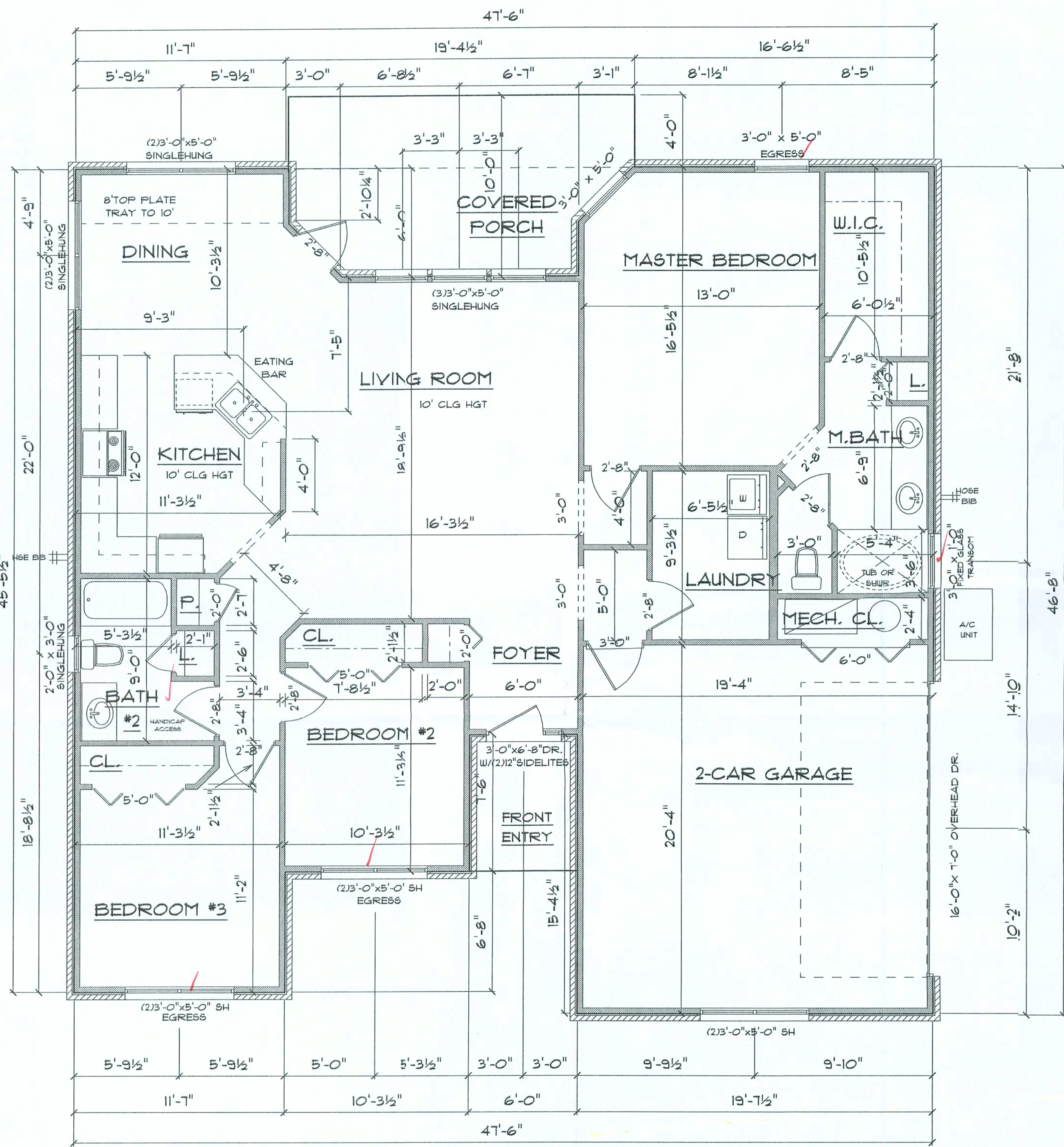


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REVISIONS	
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05/19/04	TMR
08/31/04	TMR

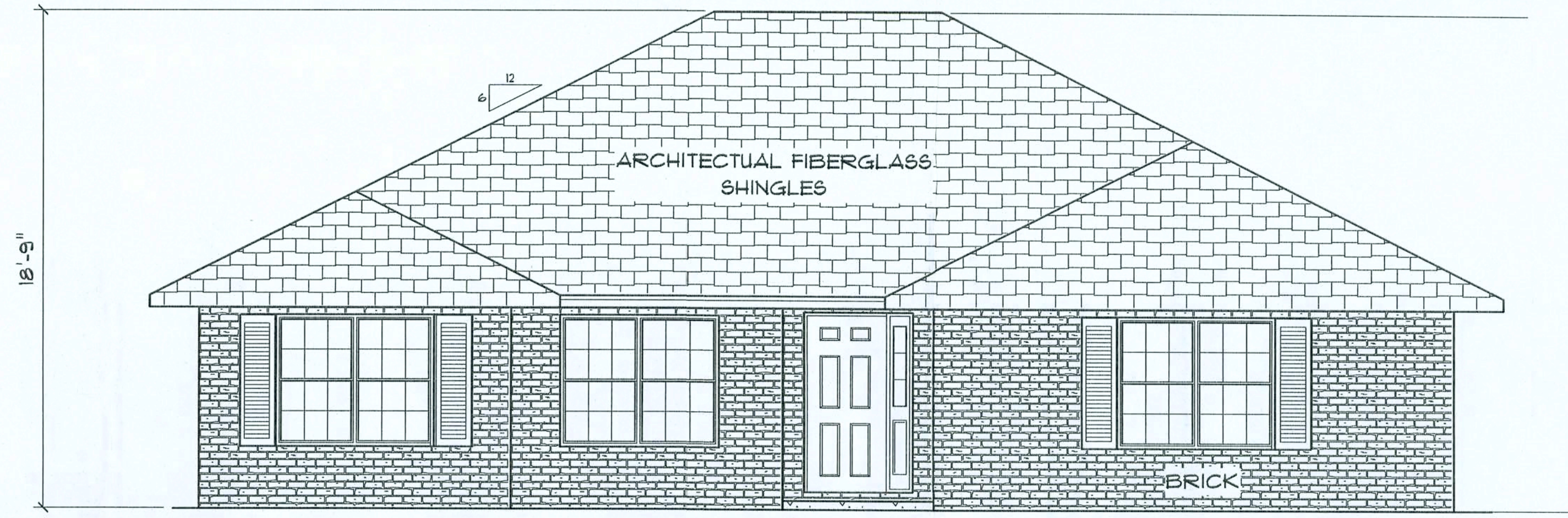
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

APPROXIMATE OVERALL HGT. OF BLDG.



*** FLOOR PLAN ***

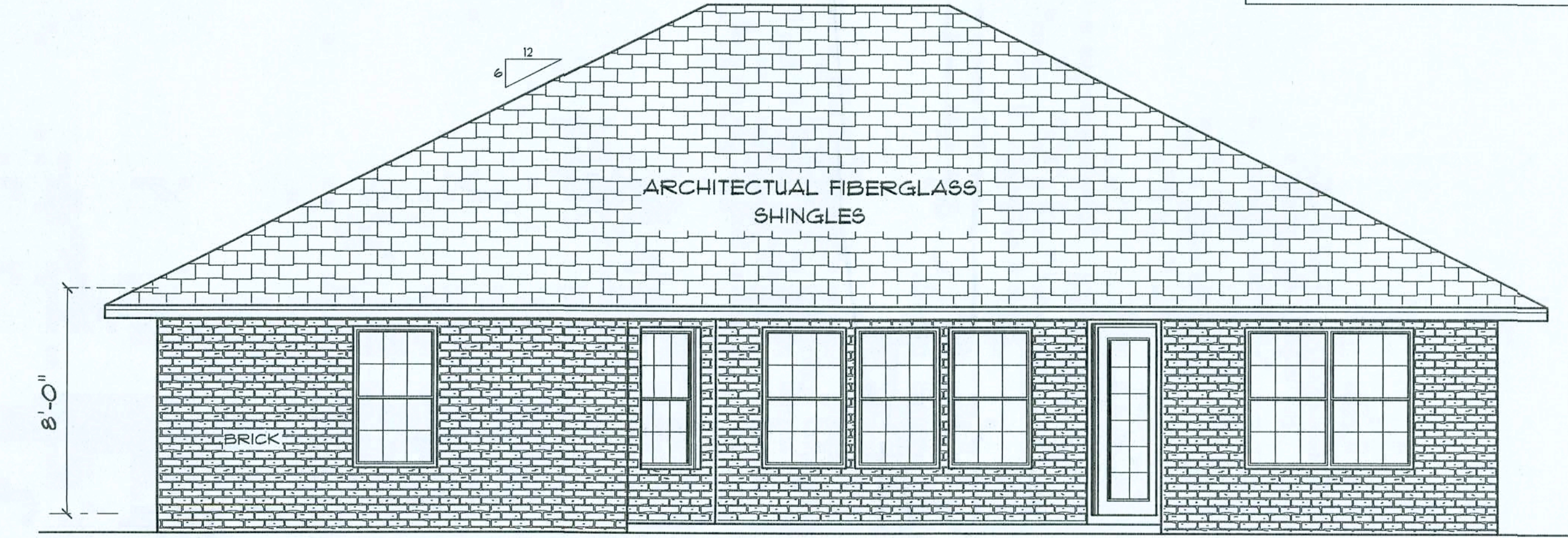
A/C LIVING AREA	= 1500 S.F.
FRONT ENTRY	= 44 S.F.
2-CAR GARAGE & MECH. CL.	= 430 S.F.
TOTAL AREA UNDER ROOF	= 1974 S.F.



*** FRONT ELEVATION ***

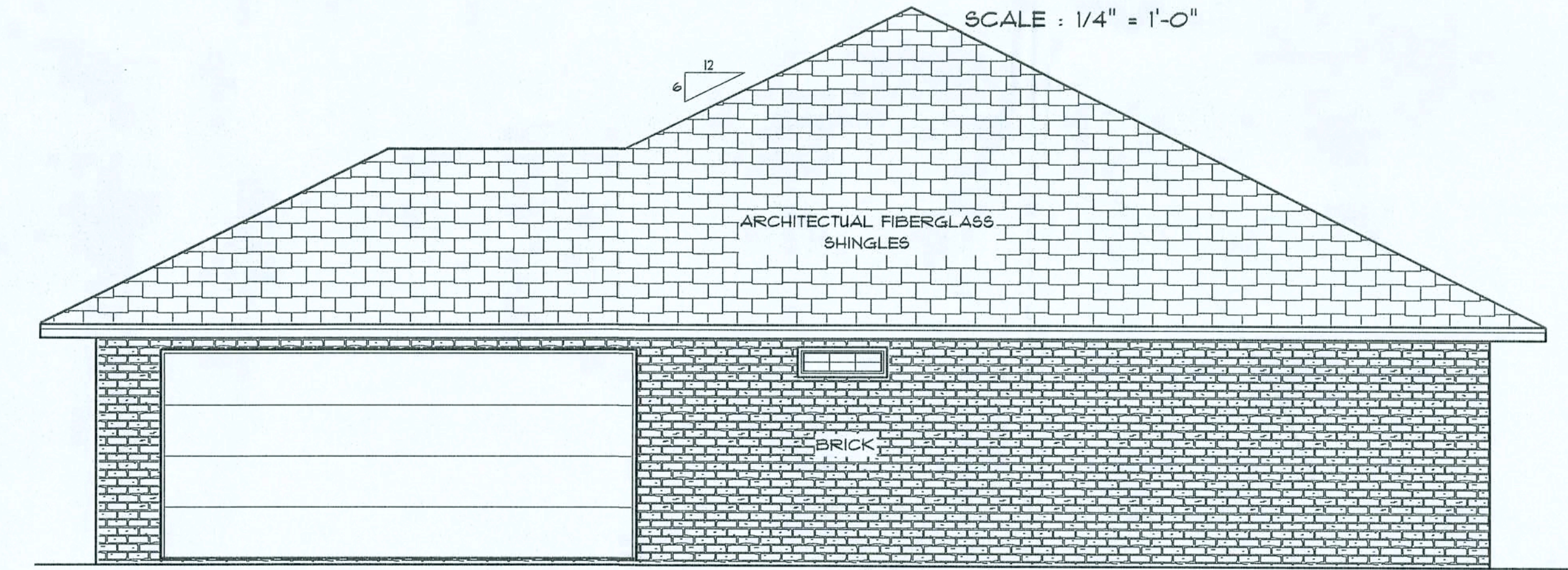
SCALE : 1/4" = 1'-0"

NOTE: 24" OVERHANG ON EAVES
12" OVERHANG ON GABLE ENDS



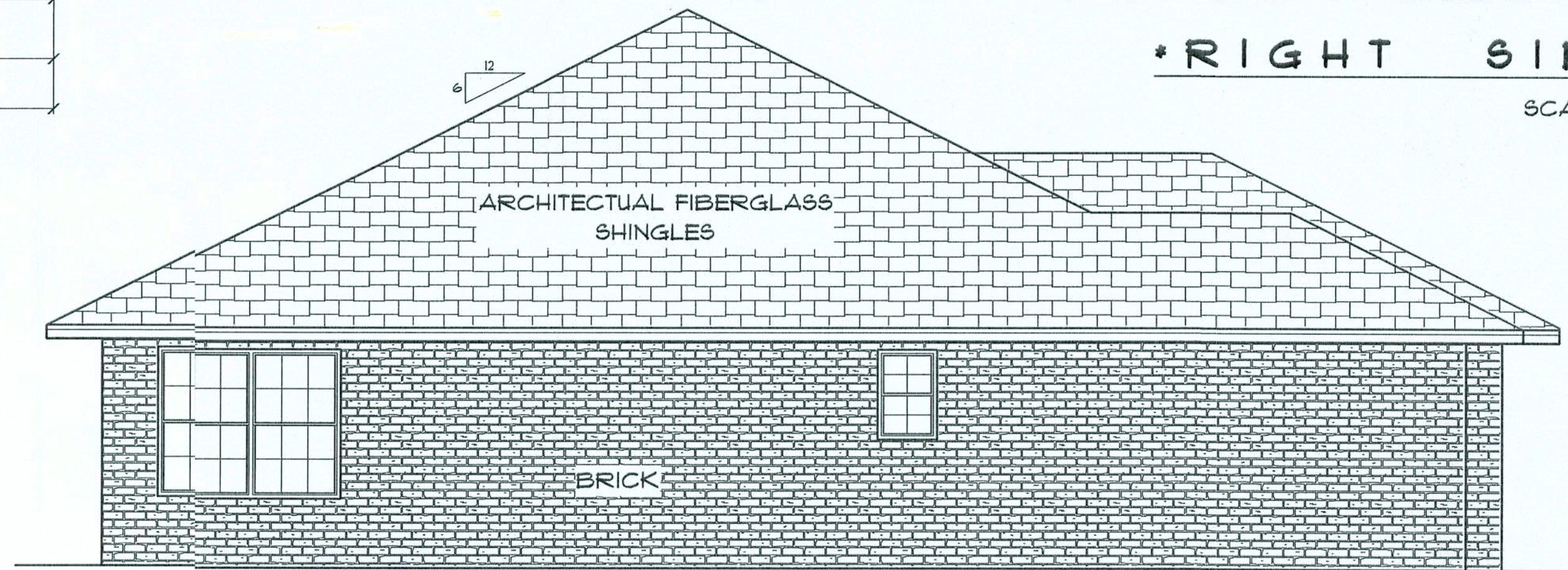
*** REAR ELEVATION ***

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



*** RIGHT SIDE ELEVATION ***

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



*** LEFT SIDE ELEVATION ***

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

"THE SAMUEL"
LOT #72
EMERALD COVE

LAKE CITY
FLORIDA

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PRINTED DATE:
November 24, 2005

DRAWN BY: Teena M. Ruffo
CHECKED BY:

DESIGNED BY:
Teena M. Ruffo

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

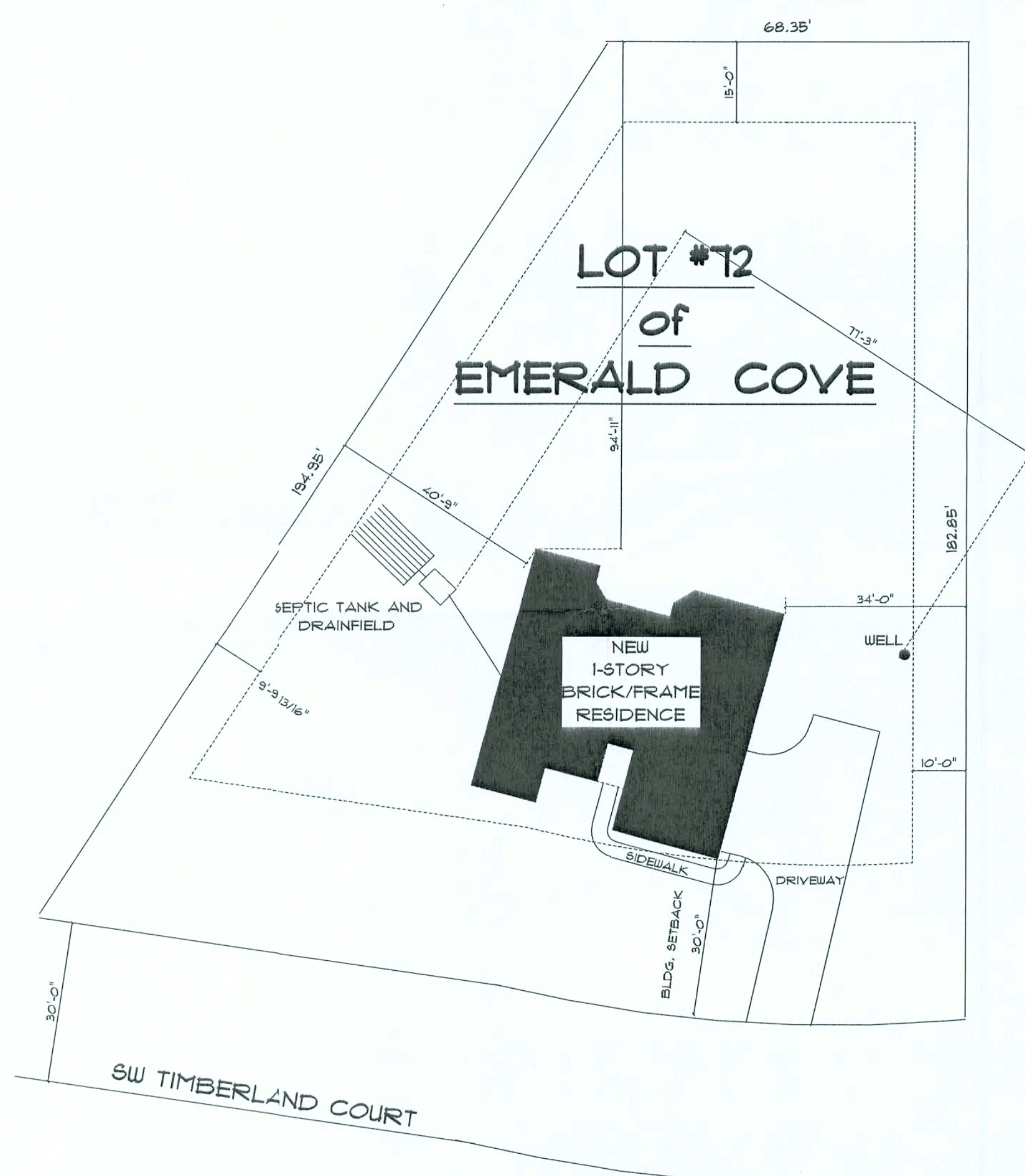
A-1

OF 2 SHEETS

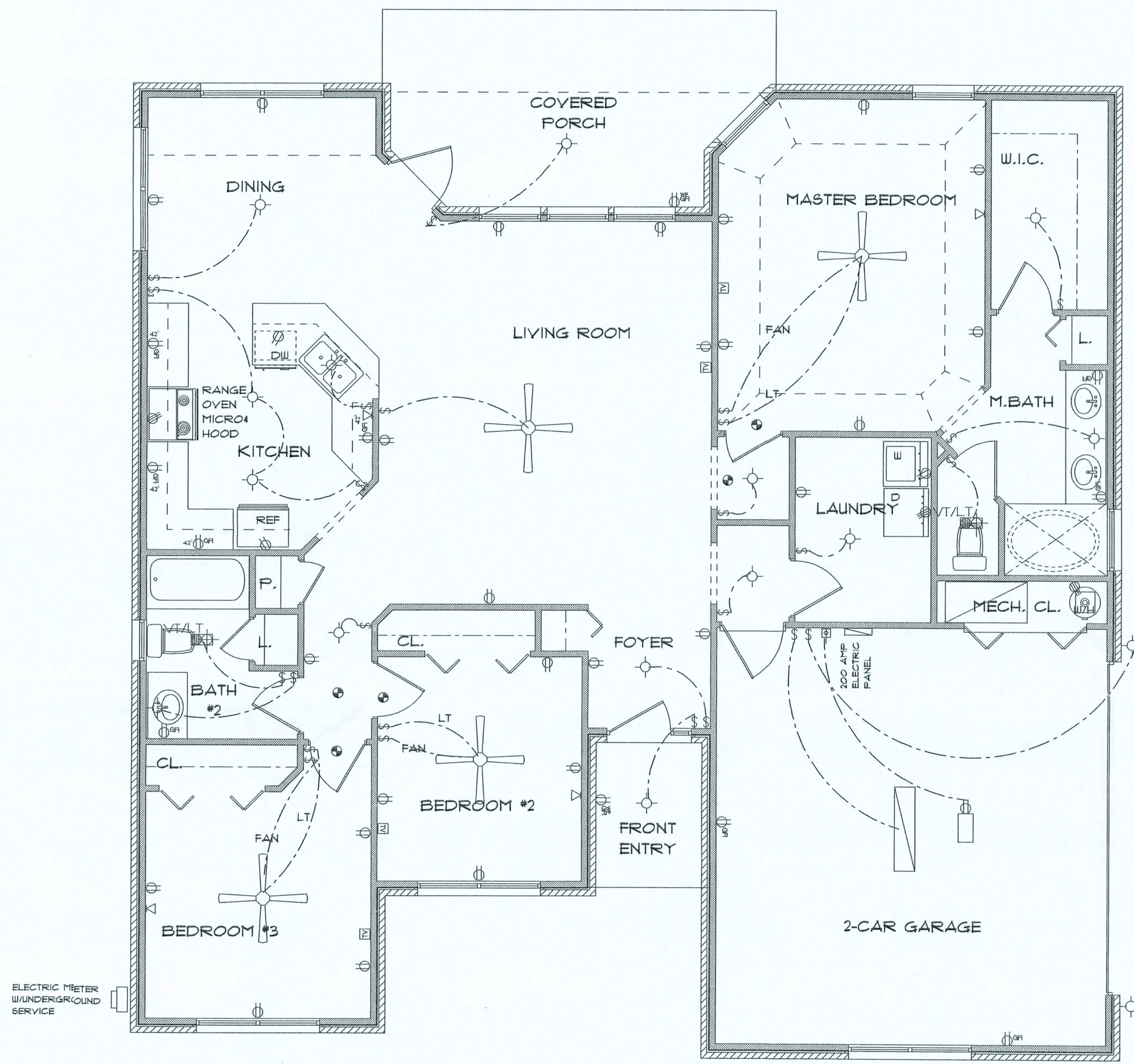
REVISIONS	
05/17/04	TMR
05/19/04	TMR
08/31/04	TMR

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

ELECTRICAL	COUNT	SYMBOL
ceiling fan	2	
200 amp service panel	1	
Light	5	
automatic garage dr opener	1	
cable tv outlet	4	
ceiling fan	2	
electric meter	1	
fluorescent lt fixture	1	
garage dr opener	1	
gfi waterproof outlet	2	
light	11	
outlet	28	
outlet 220v	3	
outlet gfi	9	
smoke detector	5	
switch	23	
switch 3 way	2	
telephones	4	
vent light combo	2	



*** SITE PLAN ***
SCALE : 1" = 20'-0"



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

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURERS SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-3 ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE.
- E-4 ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNERS DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELCT. CODE LATEST EDITION.
- E-6 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- E-8 ALL BEDROOM RECEPTALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT)

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.

"THE SAMUEL"
LOT #12
EMERALD COVE

LAKE CITY
FLORIDA

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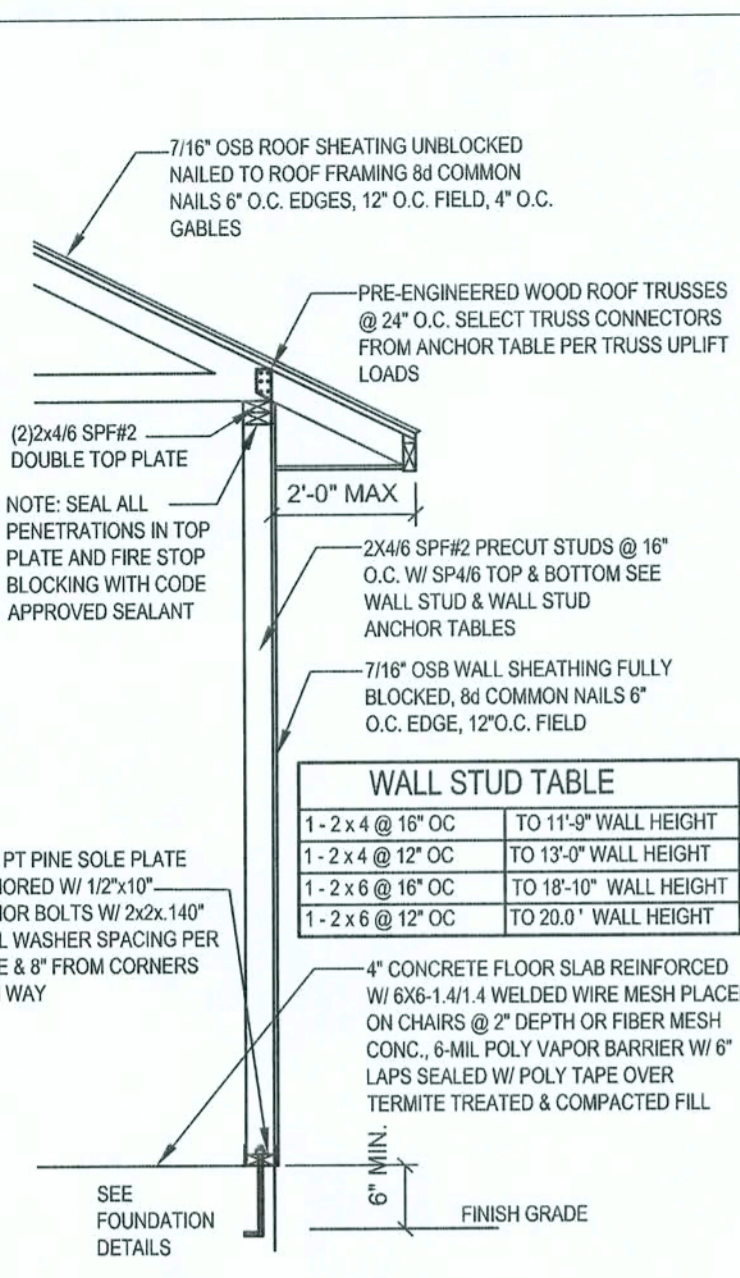
DESIGNED BY:
Teena M. Ruffo

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER
A-2

OF 2 SHEETS

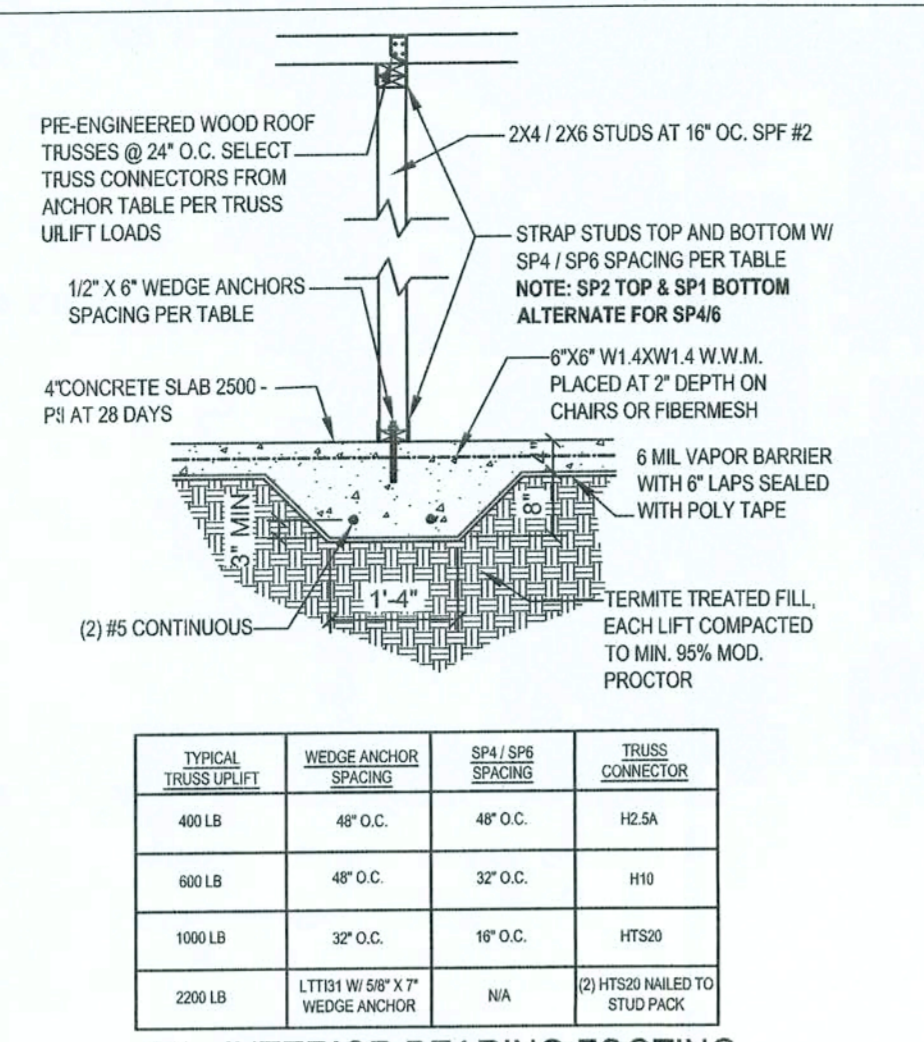


TYPICAL TRUSS UPLIFT (lb/ft²)	ANCHOR BOLT SPACING (ft)	SP4 / SPS SPACING (ft)	ALTERNATE SPACING (ft)
750 LB	4'-0" O.C.	4'-0" O.C.	NA
900 LB	4'-0" O.C.	3'-0" O.C.	NA
1200 LB	3'-0" O.C.	1'-0" O.C.	3'-0" O.C.
1500 LB	3'-0" O.C.	1'-0" O.C.	1'-0" O.C.
2200 LB	LTT11 W/ 5/8" X 1" WEDGE ANCHOR	NA	(2) HTS20 NAILED TO STUD PACK

NOTE: SP2 TOP & SP1 BOTTOM ALTERNATE FOR SP4/S

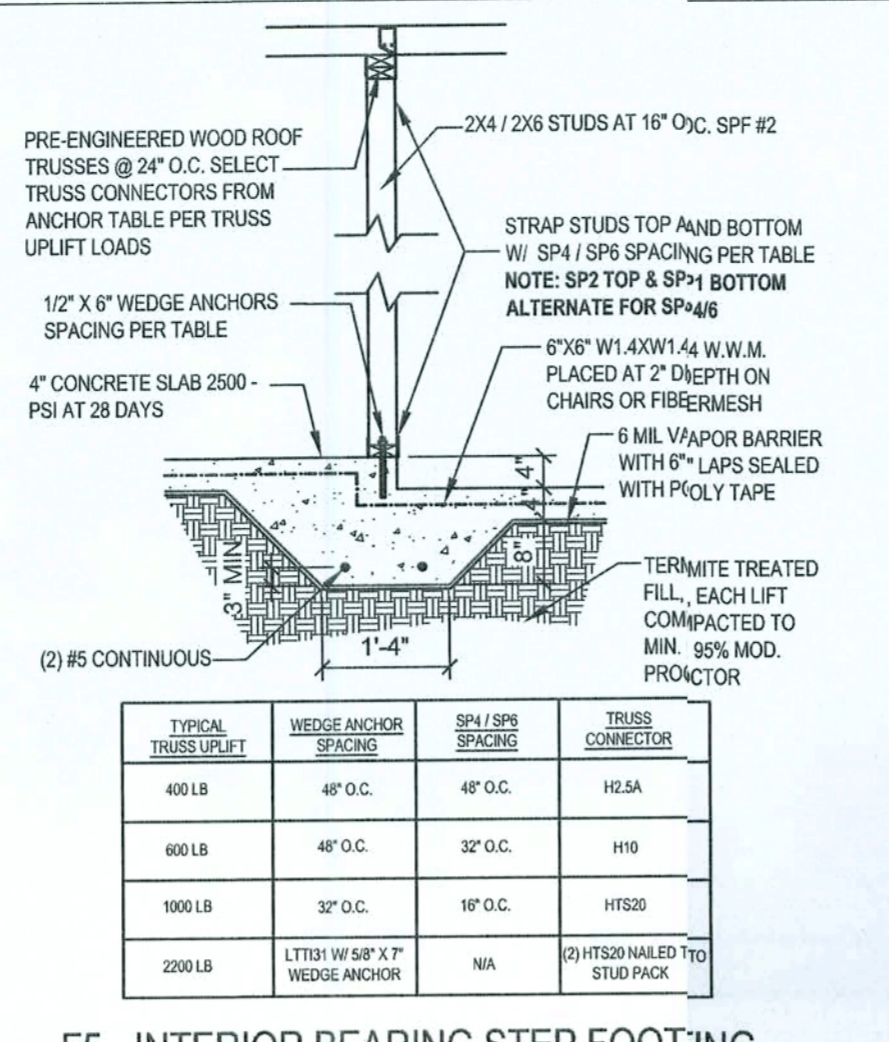
NOTE: MINIMUM ANCHOR BOLT SPACING FOR WALLS WITH A HEIGHT GREATER THAN 10'-0" AND LESS THAN 14'-0" SHALL BE 32" O.C.

W1 - SINGLE STORY EXT. WALL SECTION
SCALE: 1/2"=1'-0" REV-22-AUG-03



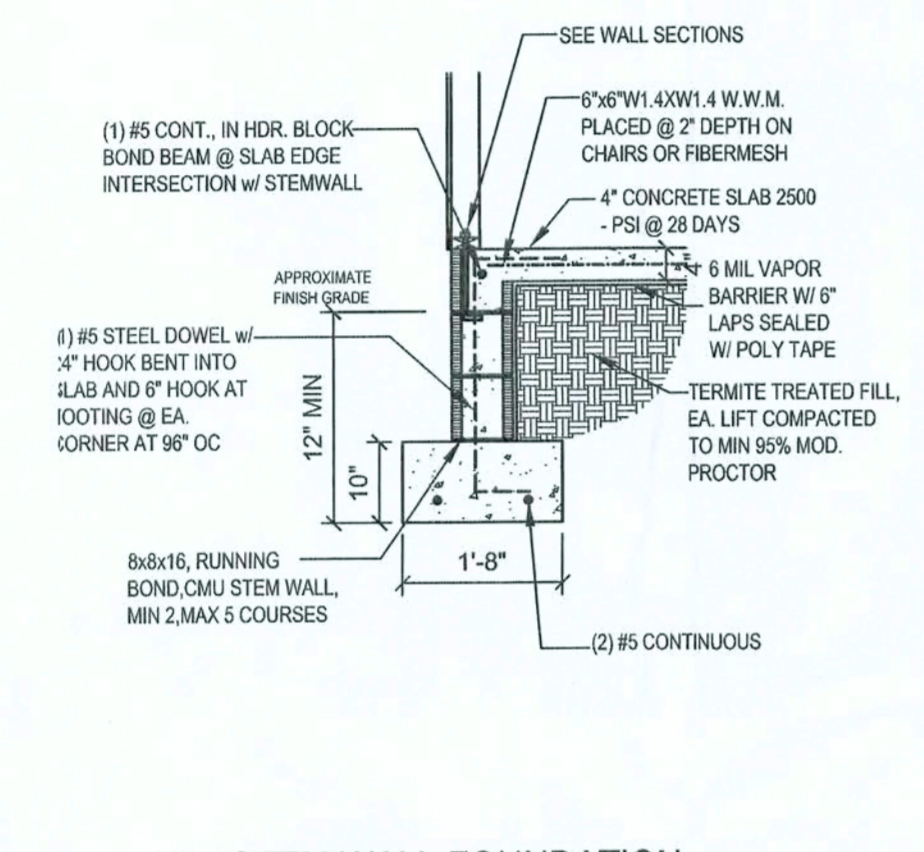
TYPICAL TRUSS UPLIFT	WEDGE ANCHOR SPACING	SP4 / SPS SPACING	TRUSS CONNECTOR
400 LB	4'-0" O.C.	4'-0" O.C.	H2SA
600 LB	4'-0" O.C.	3'-0" O.C.	H10
1000 LB	3'-0" O.C.	1'-0" O.C.	HTS20
2200 LB	LTT11 W/ 5/8" X 1" WEDGE ANCHOR	NA	(2) HTS20 NAILED TO STUD PACK

F4 - INTERIOR BEARING FOOTING
SCALE: 1/2"=1'-0" REV-22-AUG-03

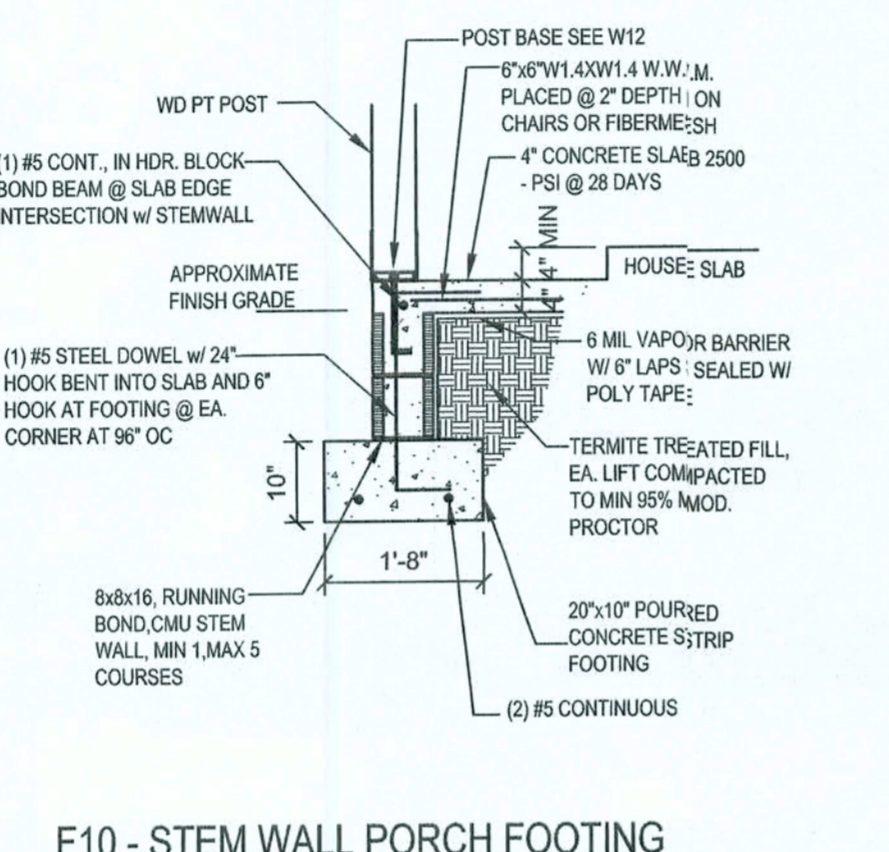


TYPICAL TRUSS UPLIFT	WEDGE ANCHOR SPACING	SP4 / SPS SPACING	TRUSS CONNECTOR
400 LB	4'-0" O.C.	4'-0" O.C.	H2SA
600 LB	4'-0" O.C.	3'-0" O.C.	H10
1000 LB	3'-0" O.C.	1'-0" O.C.	HTS20
2200 LB	LTT11 W/ 5/8" X 1" WEDGE ANCHOR	NA	(2) HTS20 NAILED TO STUD PACK

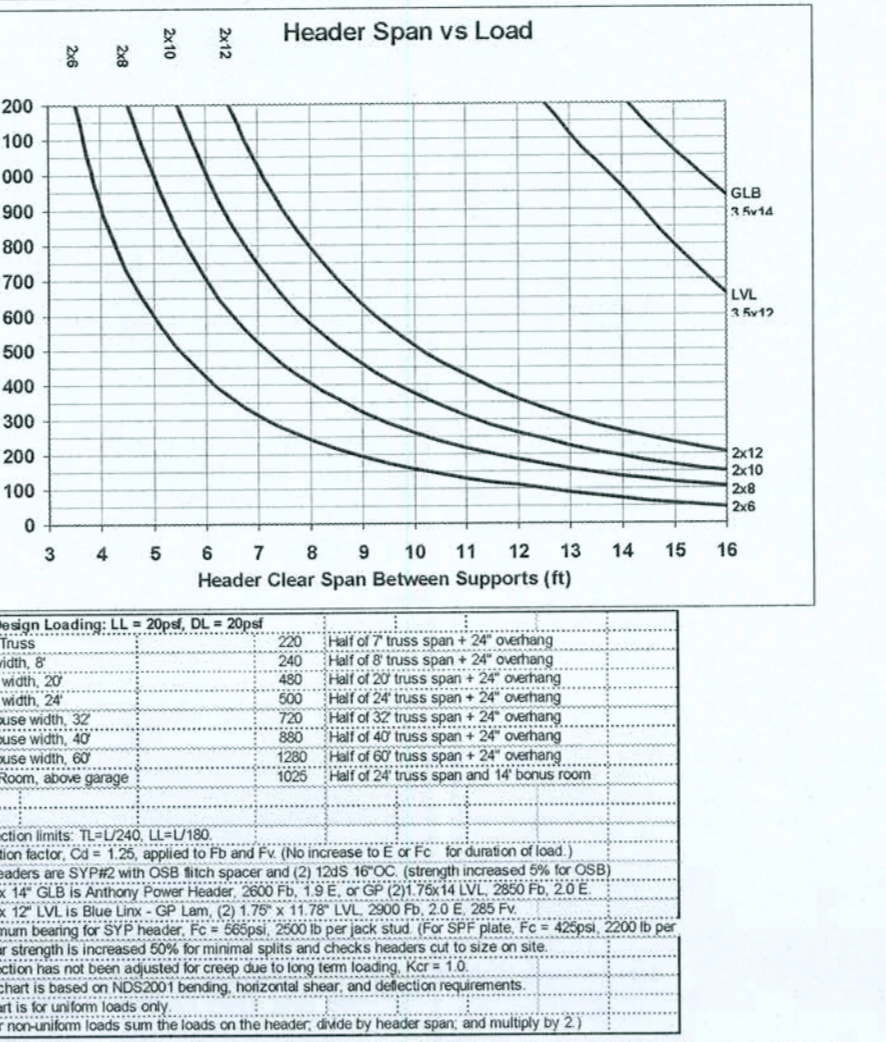
F5 - INTERIOR BEARING STEP FOOTING
SCALE: 1/2"=1'-0" REV-22-AUG-03



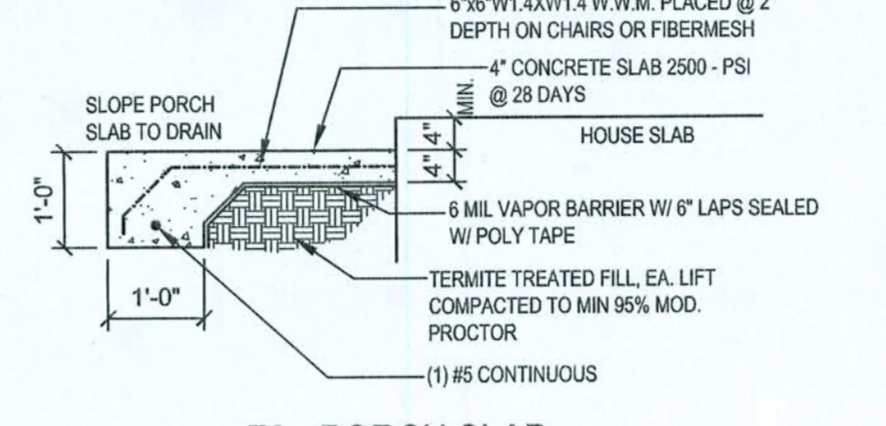
F1 - STEM WALL FOUNDATION
SCALE: 1/2"=1'-0" REV-22-MAY-03



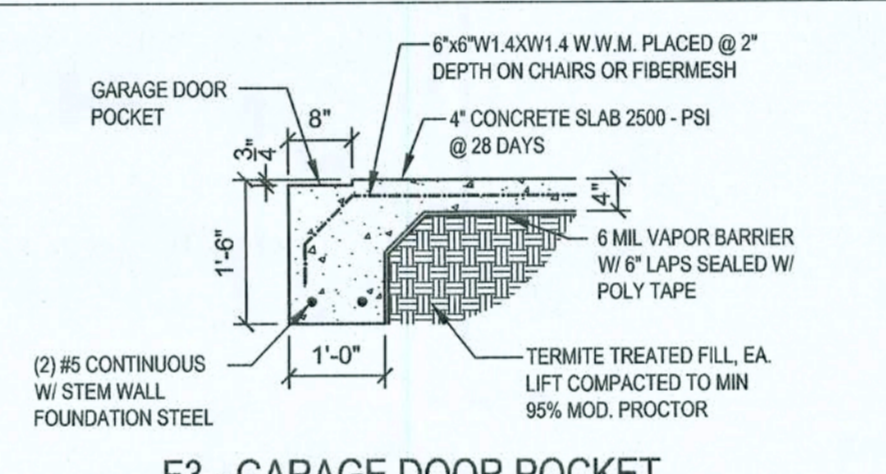
F10 - STEM WALL PORCH FOOTING
SCALE: 1/2"=1'-0" REV-16-MAY-03



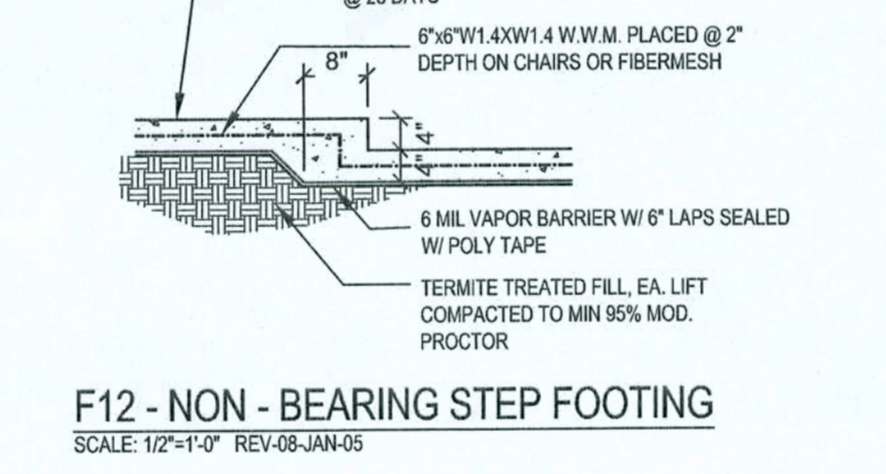
W71 - HEADER SPANS FOR ROOF/CEILING LOAD



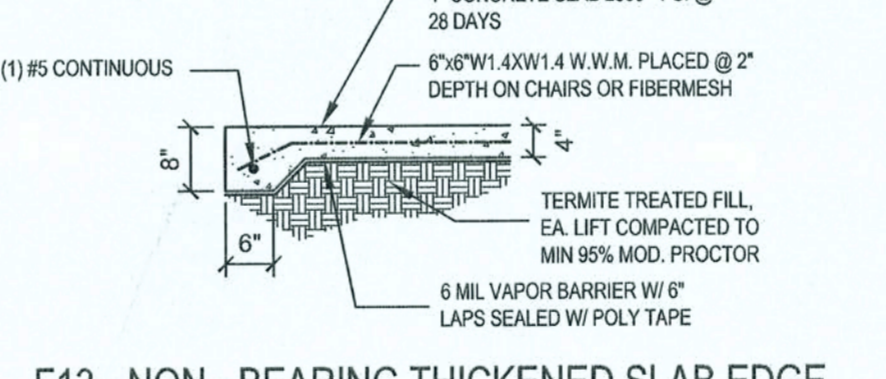
F2 - PORCH SLAB
SCALE: 1/2"=1'-0" REV-22-AUG-03



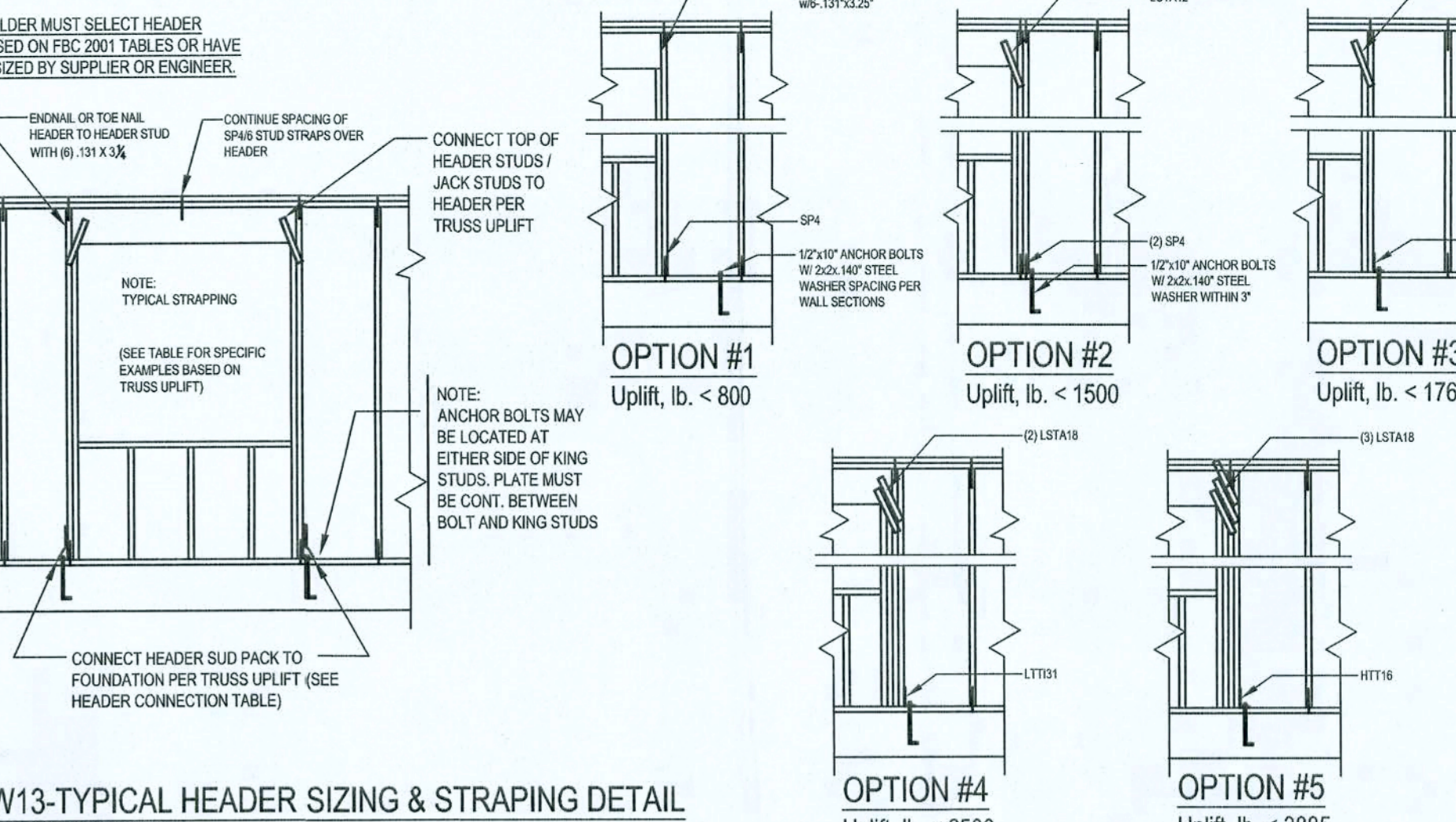
F3 - GARAGE DOOR POCKET
SCALE: 1/2"=1'-0" REV-08-JAN-05



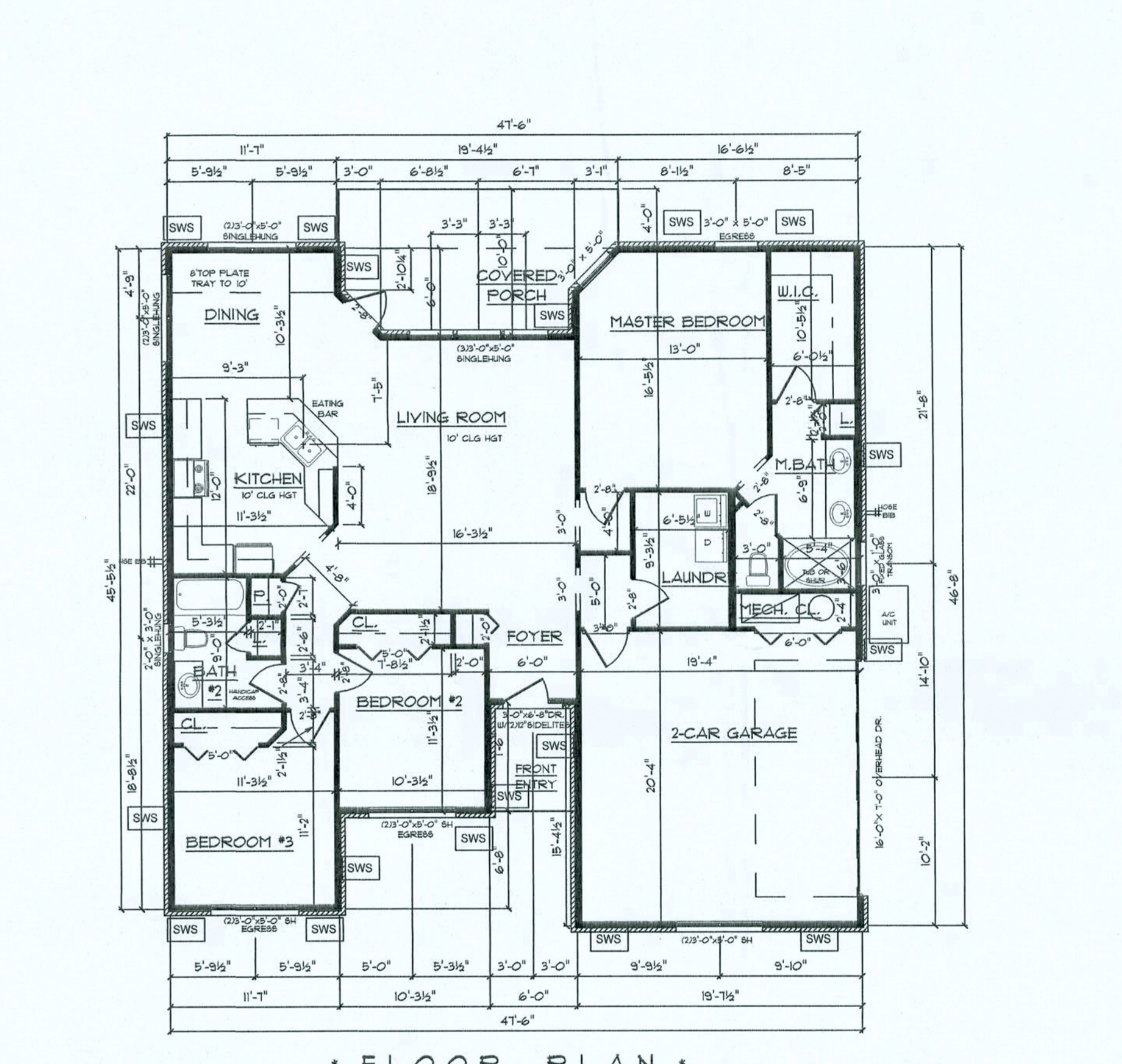
F12 - NON-BEARING STEP FOOTING
SCALE: 1/2"=1'-0" REV-08-JAN-05



F13 - NON-BEARING THICKENED SLAB EDGE
SCALE: 1/2"=1'-0" REV-10-FEB-03

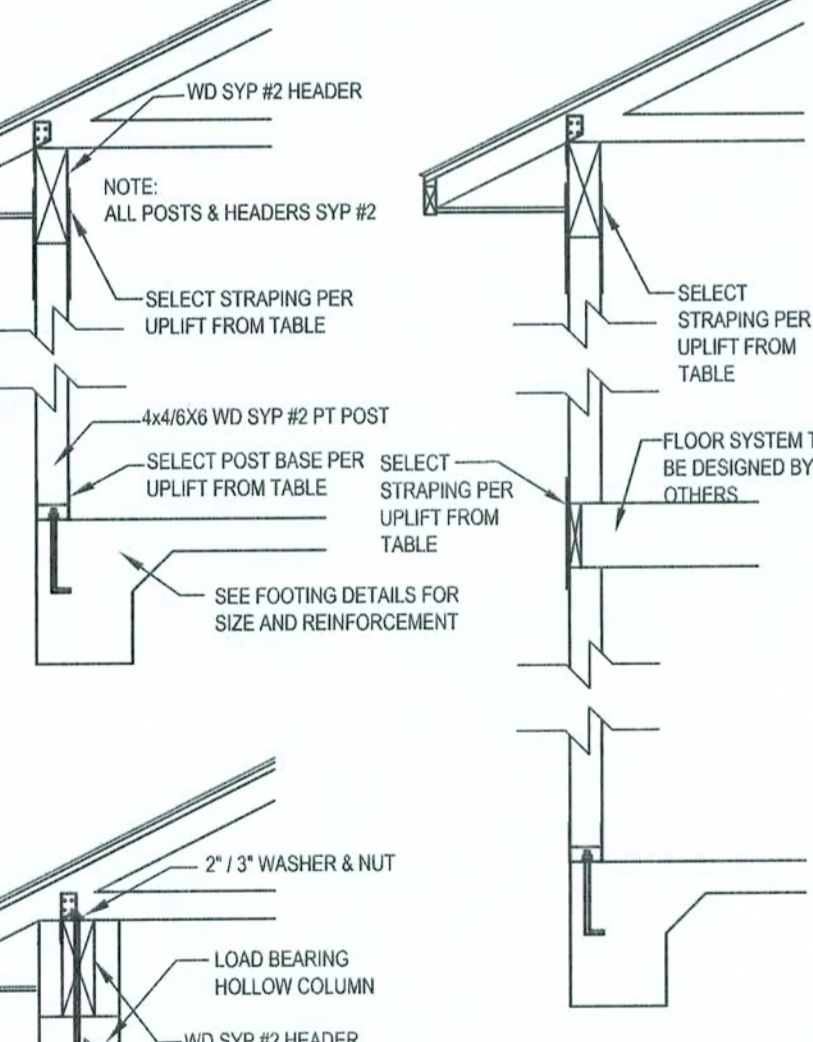


W13-TYPICAL HEADER SIZING & STRAPING DETAIL
SCALE: N.T.S. REV-22-AUG-03

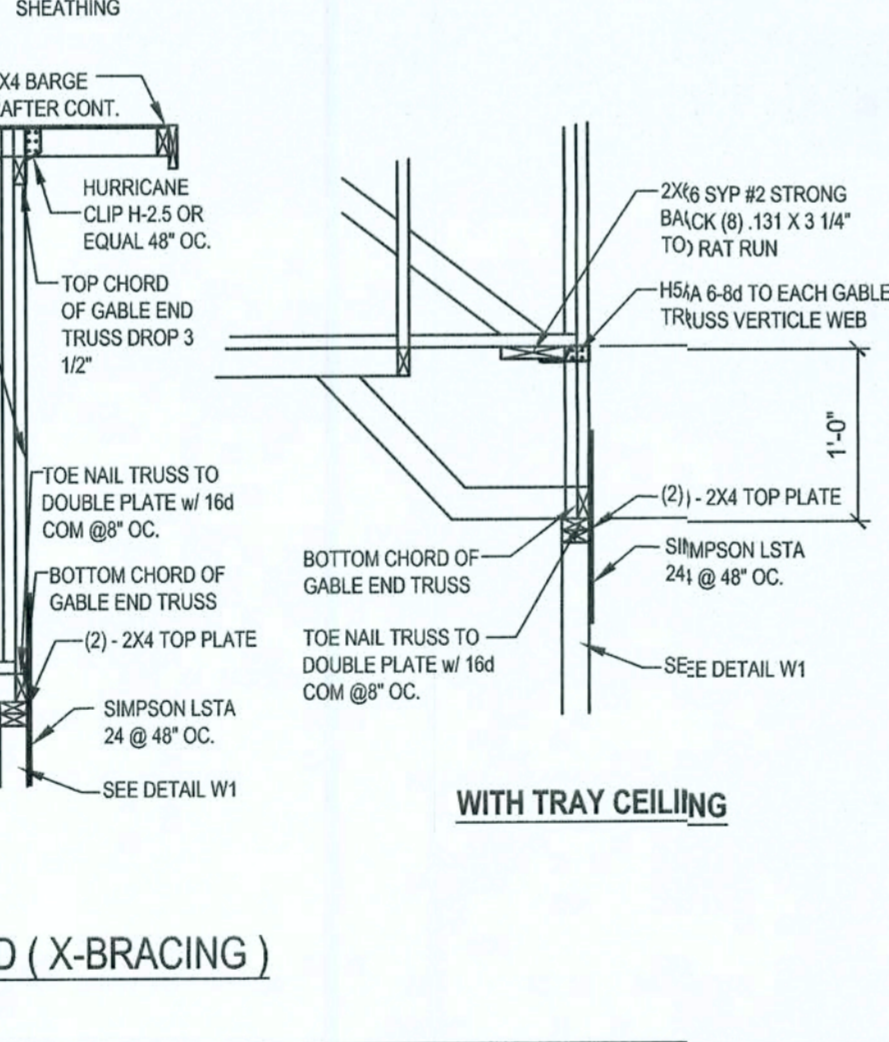


FLOOR PLAN

A/C LIVING AREA	1500 S.F.
FRONT ENTRY	44 S.F.
2-CAR GARAGE	450 S.F.
TOTAL AREA UNDER ROOF	1934 S.F.



W10 - TYPICAL GABLE END (X-BRACING)
SCALE: 1/2"=1'-0"



W12 - PORCH HEADER ANCHORS
SCALE: N.T.S. REV-18-JUL-03

TYPICAL TRUSS UPLIFT	POST BASE ANCHOR	POST BASE ANCHOR	BETWEEN FLOOR STRAPPING	HEADER STRAPPING
550 LB	AB46 W/ 10x10 2" X 1/2"	AB46 W/ 10x10 2" X 1/2"	(1) LST121 W/ (1) 10x10 EA.	(1) LST121 W/ (1) 10x10 EA.
720 LB	AB46 W/ (1) 10x10 2" X 1/2"	AB46 W/ (1) 10x10 2" X 1/2"	(1) LST121 W/ (1) 10x10 EA.	(1) LST121 W/ (1) 10x10 EA.
2200 LB	AB46 W/ (1) 10x10 2" X 1/2"	AB46 W/ (1) 10x10 2" X 1/2"	(1) LST121 W/ (1) 10x10 EA.	(1) LST121 W/ (1) 10x10 EA.
2200 LB	AB46 W/ (1) 10x10 2" X 1/2"	AB46 W/ (1) 10x10 2" X 1/2"	(1) LST121 W/ (1) 10x10 EA.	(1) LST121 W/ (1) 10x10 EA.

W12 - PORCH HEADER ANCHORS
SCALE: N.T.S. REV-18-JUL-03

Uplift SYP	Truss Connector	To Pile	To Truss / Rafter
320	455 H3	4-8d	4-8d
245	350 H5A	3-8d	3-8d
535	600 H2SA	5-8d	5-8d
620	720 H10	6-10d x 1 1/2"	6-10d x 1 1/2"
850	990 LTS12	8-8d x 1 1/2"	8-8d x 1 1/2"
1245	1450 HTS20	10-10d or 12-10d x 1 1/2"	10-10d or 12-10d x 1 1/2"
1265	1470 H16, H16-2	10-10d x 1 1/2"	2-10d x 1 1/2"
1785	2050 LGT2	14-10d Sinker	14-8d or 11-10d
3655	4200 MGT	3/4" Thrd Rod	22-10d

N5 - TRUSS UPLIFT CONNECTOR TABLE
REV-18-NOV-04

Zone	Effective Wind Area (ft²)
1	10
2	21.8
3	23.6
4	18.5
5	20.4
Total Shear Wall Segments	122.6

N4-WIND LOAD DESIGN DATA

Item	Requirements
Basic Wind Exposure	110 MPH
Wind Importance Factor	1.0
Building Category	II
Internal pressure Coefficient	NA (Enclosed)
Building not in the high velocity hurricane zone	
Building not in the wind-some debris region	
Mean Roof Height	< 30 ft
Roof Area	< 45.0 degrees

N3-WINDLOAD ENGINEER'S SCOPE OF WORK

Option #	Uplift, lb	Top Connector	Bottom Connector
#1	< 800	End nail or toe nail w/ 13"x12" 2"	SP4, 6-10d x 1 1/2"
#2	< 1000	LST121, 10-10d	(2) SP4, 6-10d x 1 1/2"; (2) AB, 10x10
#3	< 1750	LST121, 14-10d	1055, LTT208, 10-10d x 1 1/2"
#4	< 2500	(2) LST121, 14-10d	(2) LTT101, 18-10d x 1 1/2" AB, 10x10
#5	< 3885	(2) LST121, 14-10d	(2) LTT101, 18-10d x 1 1/2" AB, 10x10

FBC2001, TABLE 2308.3A

N2-GENERAL NOTES:

FOUNDATION: FOR POINT LOADS GREATER THAN 5000 LB OR REPETITIVE TRUSS LOADS GREATER THAN 2000 LB PER TRUSS PROVIDE A THICKENED SLAB OR PAD FOOTING 1'-0" X 1 sq 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. WHEN EXCESS WATER IS ADDED TO THE CONCRETE SO THAT ITS SERVICABILITY 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 WIRE REINFORCED SLAB: 6" x 6" W14 x W14, F8 - #5KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185, 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 .75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C 1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WITH ASTM C 1116 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 SLAB PLACEMENT, THE LENGTH / WIDTH RATIO OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT W/M OR REINFORCING STEEL. RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S 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, F_y = 60 KSI, ALL LAPS SPICES 48" db (30" FOR #5 BARS); UNO, ALL REINFORCEMENT SHALL BE DETAIL AND PLACED IN ACCORDANCE WITH ACI 315-95 WITH ACI 315-95 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 GROUTED CMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" X 2" 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 9/64"; NO.

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

N2-GENERAL NOTES

WINDLOAD ENGINEERING

"EVERYTHING YOU NEED FOR YOUR BUILDING PERMIT"

Mark Disoway P.E.

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Location: Lot #72 Emerald Cove S/D, Lake City, Florida

The Samuel Model

Builder: Cornerstone Development

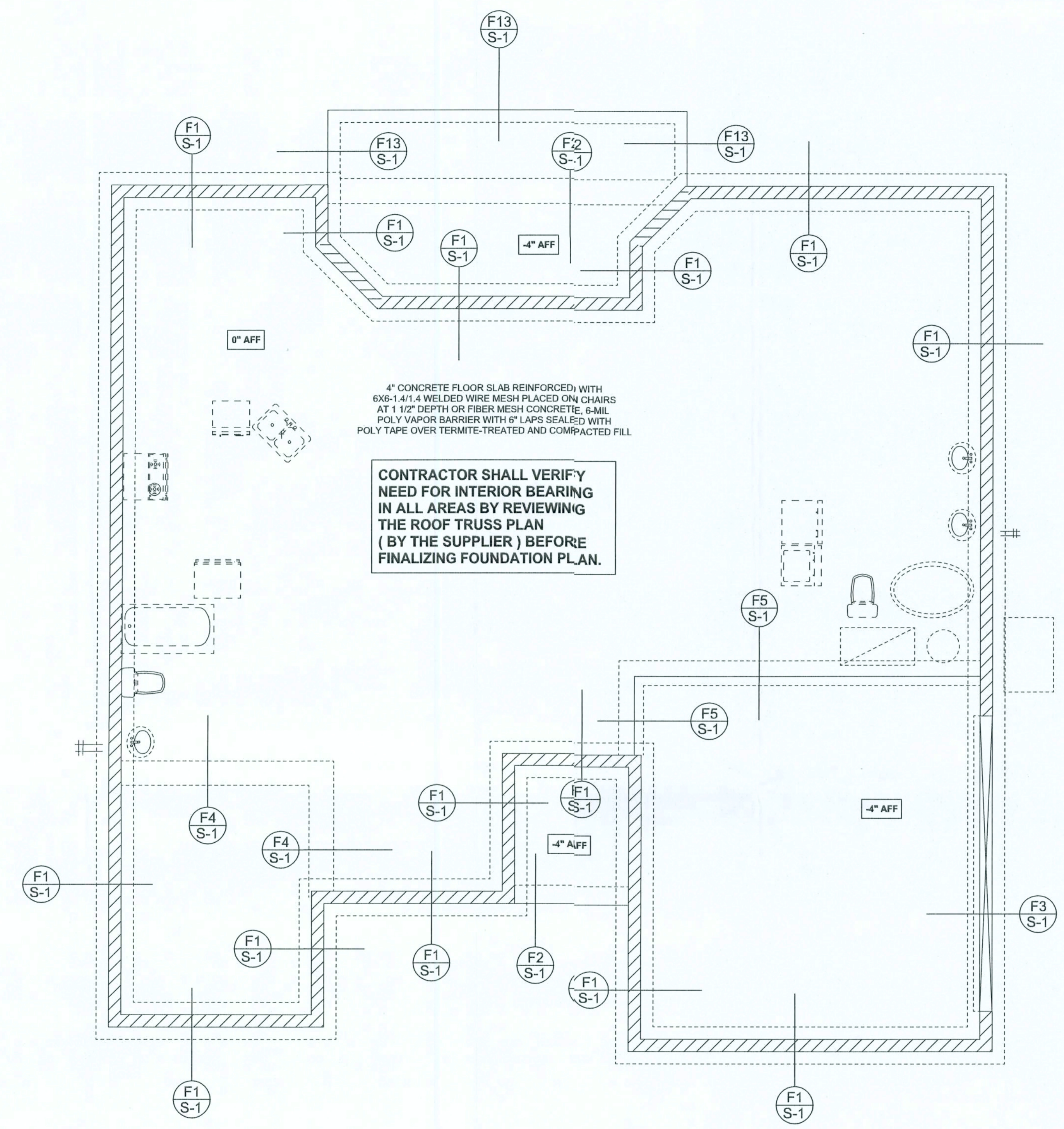
Designer: Teena Ruffo

Approved: LPE63915 Revisions:

Sheet S-1 of 2 Sheet

Windload Engineering
Job # 510316

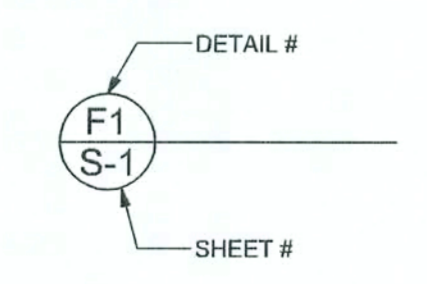
REVISIONS	



4" CONCRETE FLOOR SLAB REINFORCED WITH 6X6-14/14 WELDED WIRE MESH PLACED ON CHAIRS AT 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER WITH 6" LAPS SEALED WITH POLY TAPE OVER TERMITES-TREATED AND COMPACTED FILL

CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.

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 Disosway, P.E. No. 53915, FOS 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: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code 2004, Section 1609 wind loads, to the best of my knowledge.

LIMITATION: This design is valid for one building at specified location. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

MARK DISOSWAY
 P.E. 53915
Mark Disosway
 2/4/2005
 SEAL

Cornerstone Development
 The Samuel Model

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PRINTED DATE:
 November 24, 2005

DRAWN BY: Evan Beamsley
 CHECKED BY:

JOB NUMBER:
 510316

DRAWING NUMBER
 S-2
 OF 2 SHEETS