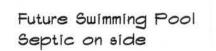
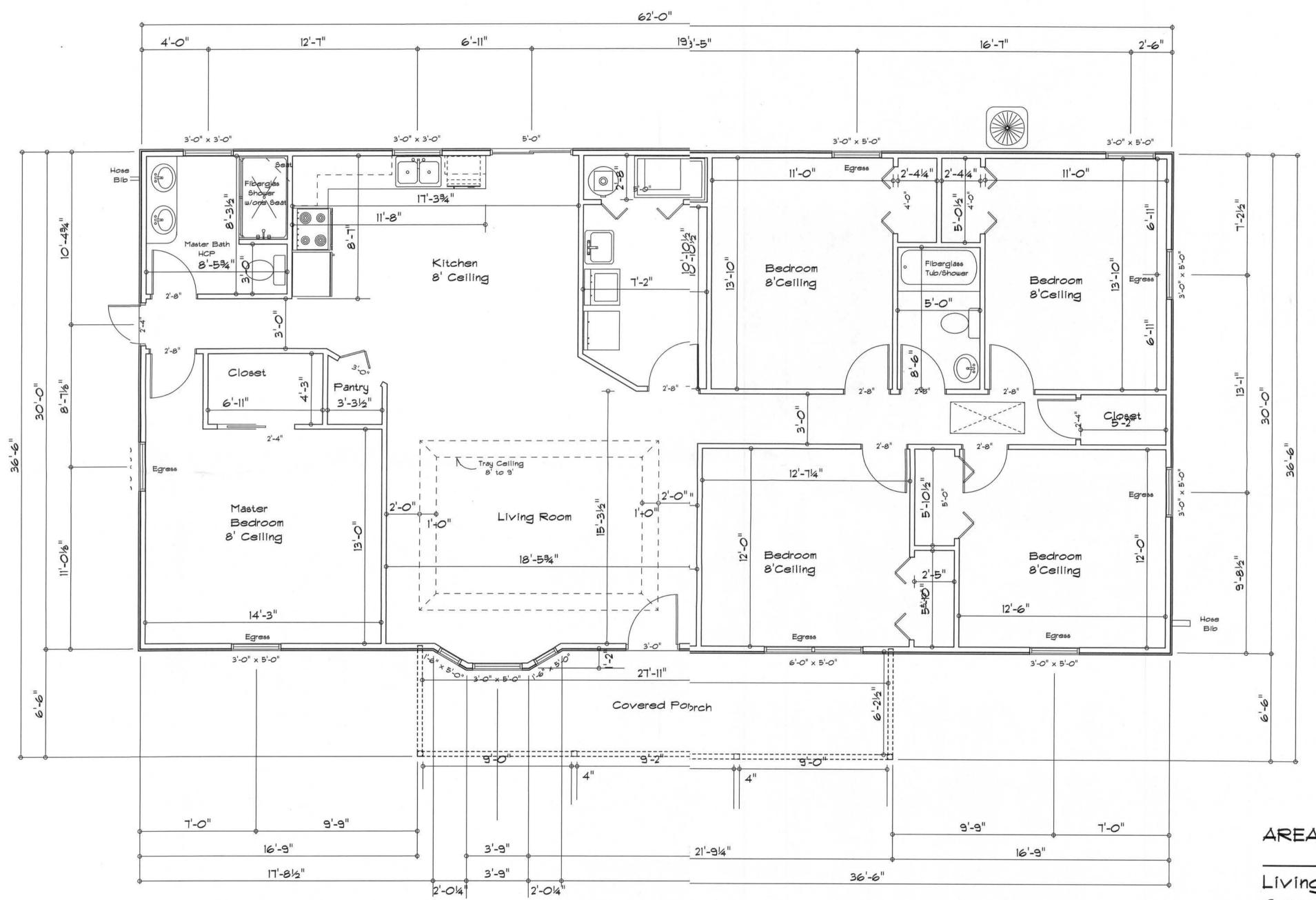


SOFTPIXAN ARCHITECTURAL DESIGN SOFTWARE





Flocor Plan 1/41" = 1'

AREA SUMMERY

| Living Area | 1860 | S.F. |
|-------------|------|------|
| Garage Area | 0 | S.F. |
| Porch Area | 173 | S.F. |

Total Area 2033 S.F. **RESIDENCE**

Ankosko 233 NW Moore Rd.

ADDRESS: Columbia County, Florida

Woodman Park Builders, Inc Lake City, Florida Phone: (386) 755 - 2411 Fax: (386) 755-8684 Email:

PRINTED DATE:

DRAWN BY: CHECKED BY: Mark Haddox

JOB NUMBER: DRAWING NUMBER

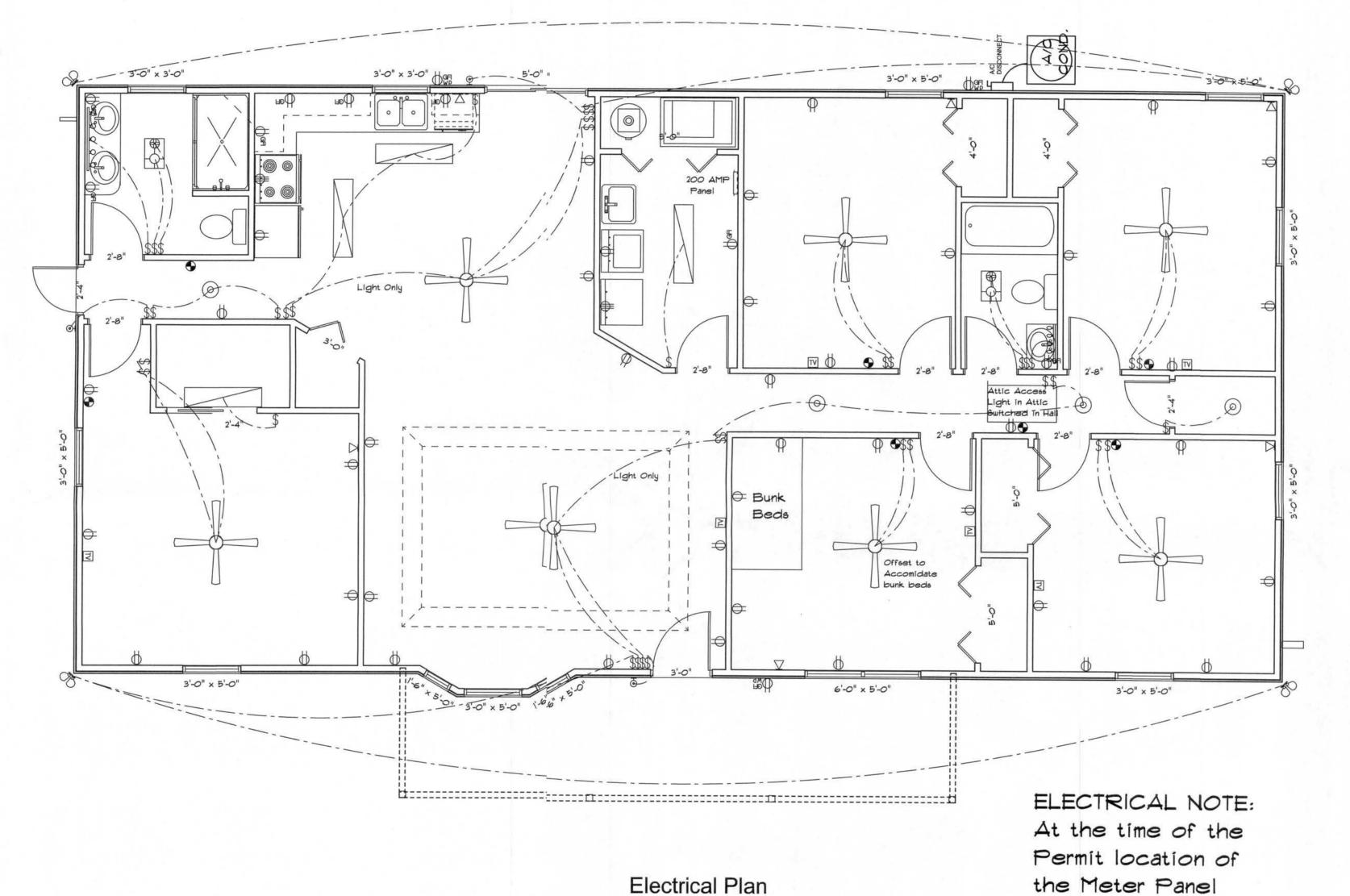
A-1

| REVISIONS | |
|-----------|--|
| 0.00 | |
| | |

SOFTPEN ARCHITECTURAL DESIGN SOFTWARE

Electrical Plan Notes:

- E-1 Wire all appliances, HVAC units and ther equiptment per manufactures specifications.
- E-2 Consult the owner for the number orseperate telephone lines to be installed. Ower is responsible for all overages not nosd on plan.
- E-3 All installations shall be per nationalcode.
- E-4 All smoke detectors shall be 120v ith battery back-up of the photoelectric type, and shall be interlocked together. Install inside nd near all bedrooms.
- E-5 Telephone, television and other louvoltage devices or outlets shall be as per the owners directions and in accordance with applicable sections of the National Electric Cdes latest edition. Owner is responsible for alloverages not noted on plan.
- E-6 Electrical contractor shall be respossible for the design and sizing of electrical ervice and circuits.
- E-7 Entry of service (underground or overhead) to to be determined by contractor agreement.
- E-8 All bedroom receptacles shall be FCI (arc fault circuit interrupter).
- E-9 All outlets to be located above bae flood elevation.
- E-10 All exterior GFI outlets shall be wetherproof.
- E-II Overcurrent Protection device sha be installed on the exterior ofstructure; to serve as a disconnecting means. Conductos used from the exterior disconnecting means to panel or sub panel shall have four-wire conductors, of which one conductor shall be used s an equiptment ground.



not Known

| ELECTRICAL | SYMBOL |
|---------------------|-----------------|
| ceiling fan globe 1 | |
| ceiling globe light | (a) |
| double spotlight | ₫₽ |
| fluorescent fixture | |
| vanity bar light | <u> </u> |
| wall sconce | <u>©</u> |
| electrical panel | 11 |
| AC Disconnect | DISCONNECT A/G |
| Outlet WP GFI | ⊕ ^{wp} |
| cable tv outlet | TV |
| fan | ₩ |
| light | |
| outlet | Ф |
| outlet 220v | Ф |
| outlet gfi | ⊕œ1 |
| smoke detector | • |
| switch | \$ |
| telephone | ∇ |

RESIDENCE

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Lake City, Florida
Phone: (386) 755 - 2411
Fax: (386) 755-8684
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DRAWN BY: CHECKED BY:

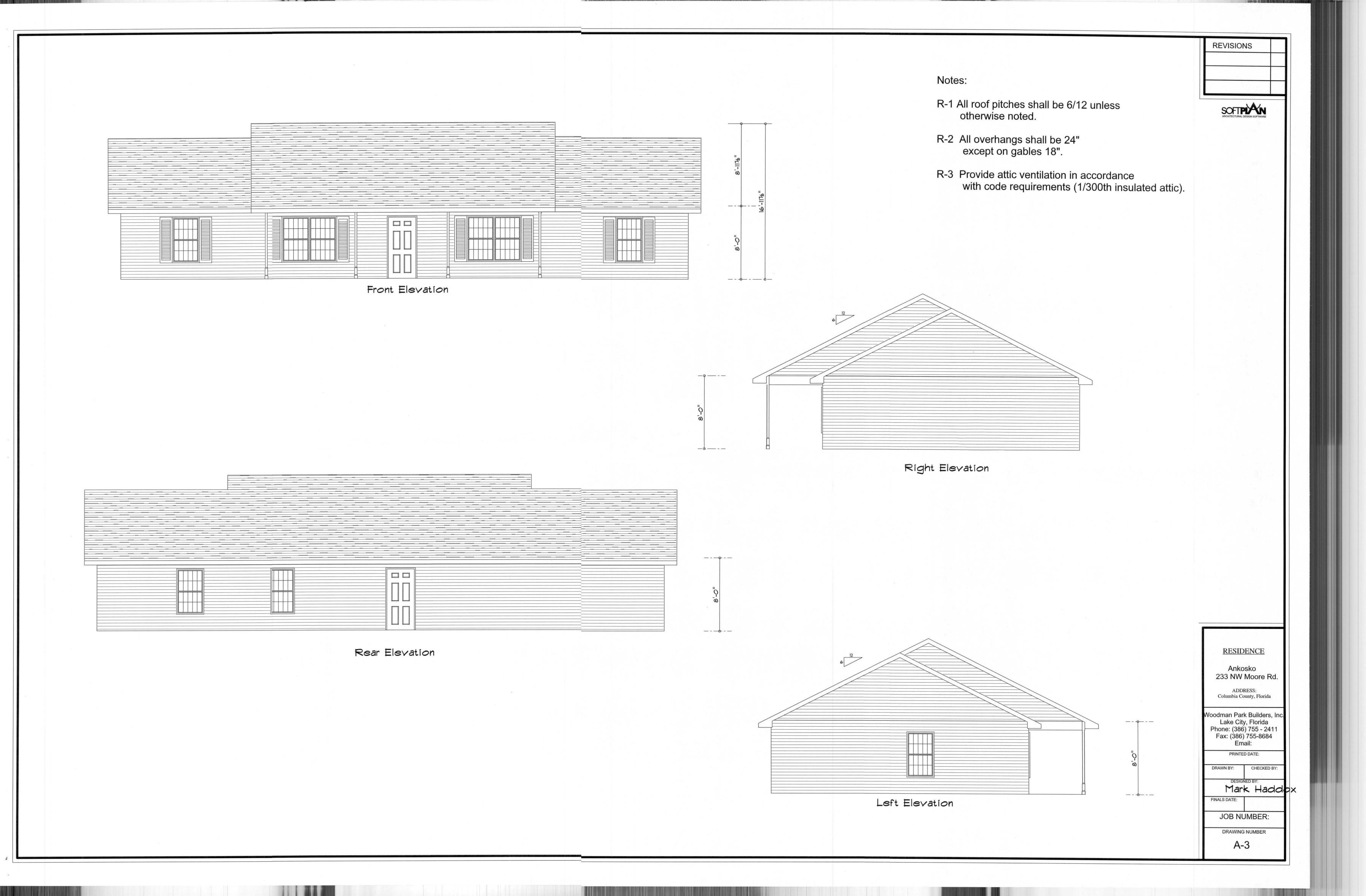
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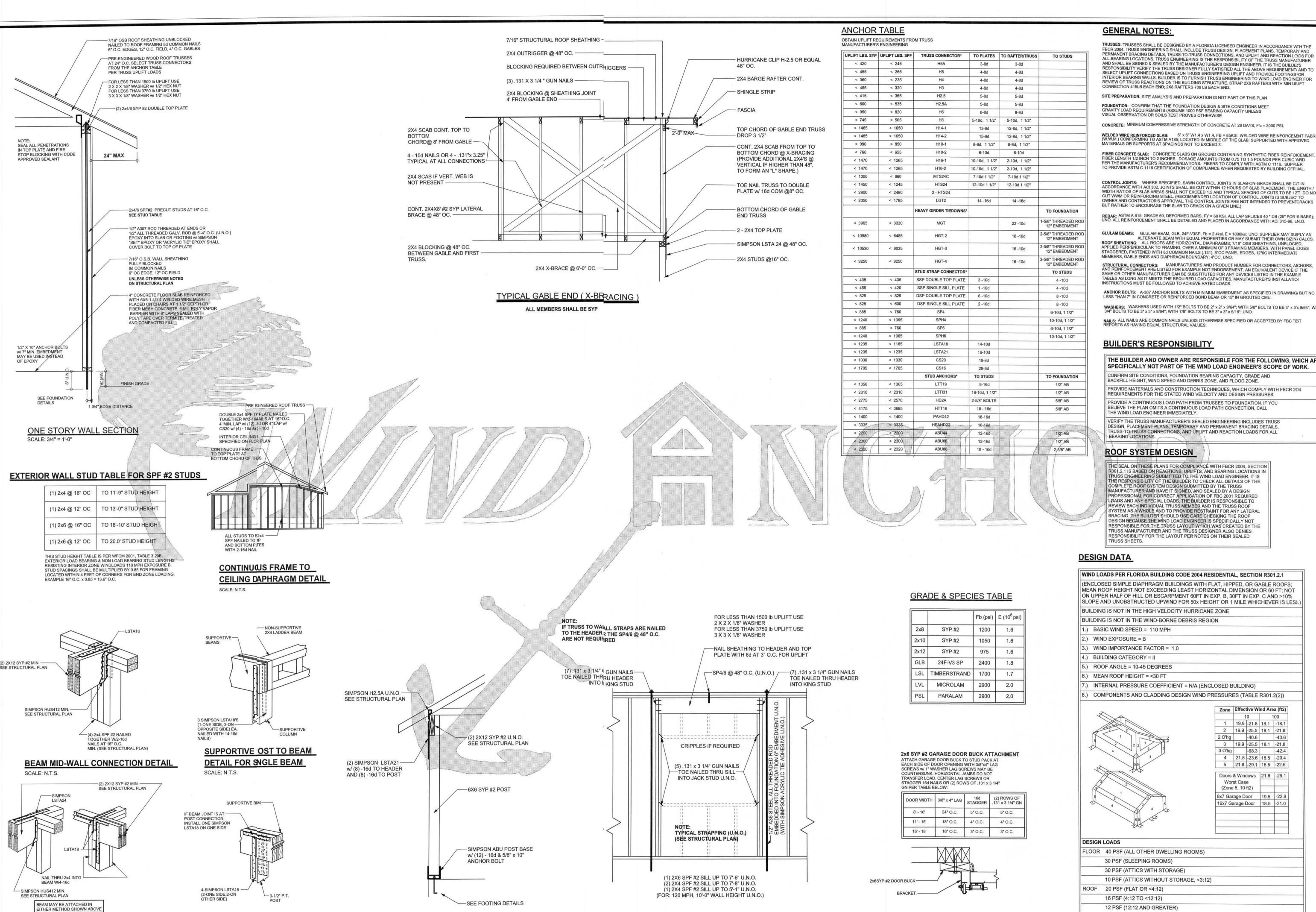
Mark Haddox

PRINTED DATE:

JOB NUMBER:

A-2





BEAM CORNER CONNECTION. DETAIL

SUPPORTIVE CENTEFPOST TO BEAM DETAIL

SCALE: N.T.S.

TYPICAL 1 STORY HEADER STRAPING DETAIL

FRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WTH THE FBCR 2004. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LCADS 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 VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENT: AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGSFOR 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 ULIFT 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

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F'c = 3000 PSI.

WELDED WIRE REINFORCED SLAB: $6" \times 6" \text{ W}1.4 \times \text{W}1.4$, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185; LOCATED IN MIDDLE OF THE SLAB; SUPPORTED WITH APPROVED

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFOICEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CIT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE ENGTH / NIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12T. DO NOT UT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJEC' TO DWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENTCRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, LN.O.

ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SIZIN; CALCS.

ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL IDGES STAGGERED, FASTENED WITH 8d COMMON NAILS (.131), 6"OC PANEL EDGES, 12"OC INTERMEDIATE MEMBERS, GABLE ENDS AND DIAPHRAGM BOUNDARY; 4"OC, UNC

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, AICHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE CF 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 DRAWING 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 5/16"; UNO.

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

BUILDER'S RESPONSIBILITY

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK. CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND

PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 204 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES. PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMITS A CONTINUOUS LOAD PATH CONNECTION, CALL

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R301.2.1 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBC 2001 REQUIRE LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED

| WIND LOAD | PER FLORIDA BUILDING CODE 2004 RESIDENTIAL, SECTION R301.2.1 |
|-------------------------|---|
| MEAN ROOF ON UPPER I | SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS; HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 60 FT; NOT ALF OF HILL OR ESCARPMENT 60FT IN EXP. B, 30FT IN EXP. C AND >10% JNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LES |
| BUILDING IS | NOT IN THE HIGH VELOCITY HURRICANE ZONE |
| BUILDING IS | NOT IN THE WIND-BORNE DEBRIS REGION |
| 1.) BASIC | /IND SPEED = 110 MPH |

7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)

8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES (TABLE R301.2(2))

| | 1 | 10 | - 8 | 100 |
|---------|-----------------|-------|------|-------|
| 1 | 19.9 | -21.8 | 18.1 | -18.1 |
| 2 | 19.9 | -25.5 | 18.1 | -21.8 |
| 2 O'hg | | -40.6 | | -40.6 |
| 3 | 19.9 | -25.5 | 18.1 | -21.8 |
| 3 O'hg | | -68.3 | | -42.4 |
| 4 | 21.8 | -23.6 | 18.5 | -20.4 |
| 5 | 21.8 | -29.1 | 18.5 | -22.6 |
| 95576 | st Cas 5, 10 | e | 21.8 | -29.1 |
| 8x7 Gar | age D | oor | 19.5 | -22.9 |
| 16x7 Ga | arage l | Door | 18.5 | -21.0 |
| | | | | |

Zone Effective Wind Area (ft2)

10 PSF (ATTICS WITHOUT STORAGE, <3:12) 12 PSF (12:12 AND GREATER)

STAIRS 40 PSF (ONE & TWO FAMILY DWELLINGS) SOIL BEARING CAPACITY 1000PSF NOT IN FLOOD ZONE (BUILDER TO VERIFY)

GARAGE DOOR BUCK INSTALLATION DETAIL

REVISIONS

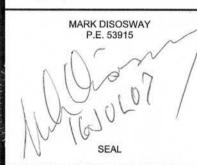


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xamined this plan, and that the applicable portions of the plan, relating to wind engineer comply with section R301.2.1, florida building code residential 2004, to the best of my

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



Woodman Park Builders

Ankosko Residence

ADDRESS: 233 NW Moore Rd. Columbia County, FL

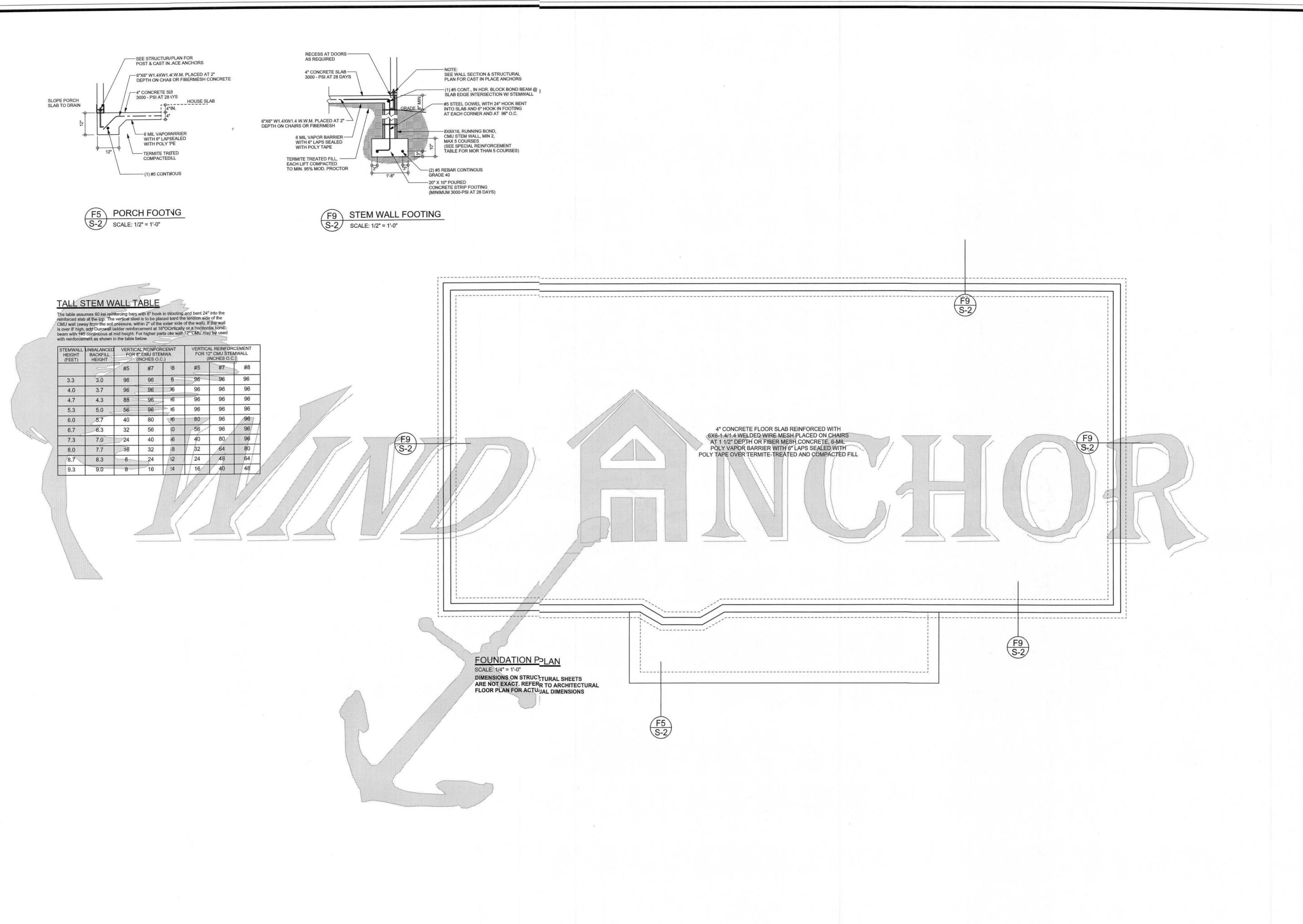
Mark Disosway P.E. P.O. Box 868 Lake City, Florida 32056 Phone: (386) 754 - 5419 Fax: (386) 269 - 4871

> PRINTED DATE: July 13, 2007 STRUCTURAL BY Evan Beamsley

FINALS DATE: July 12, 2007

> JOB NUMBER: 707112 DRAWING NUMBER

OF 3 SHEETS



REVISIONS

SOFTPIAN

WINDLOAD ENGINEER: Mark Disosway PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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

MARK DISOSWAY
P.E. 53915

Woodman Park Builders

Ankosko Residence

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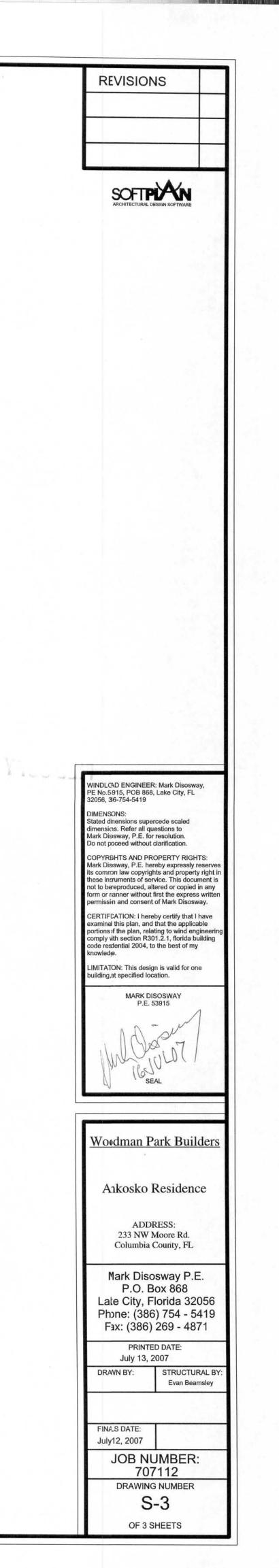
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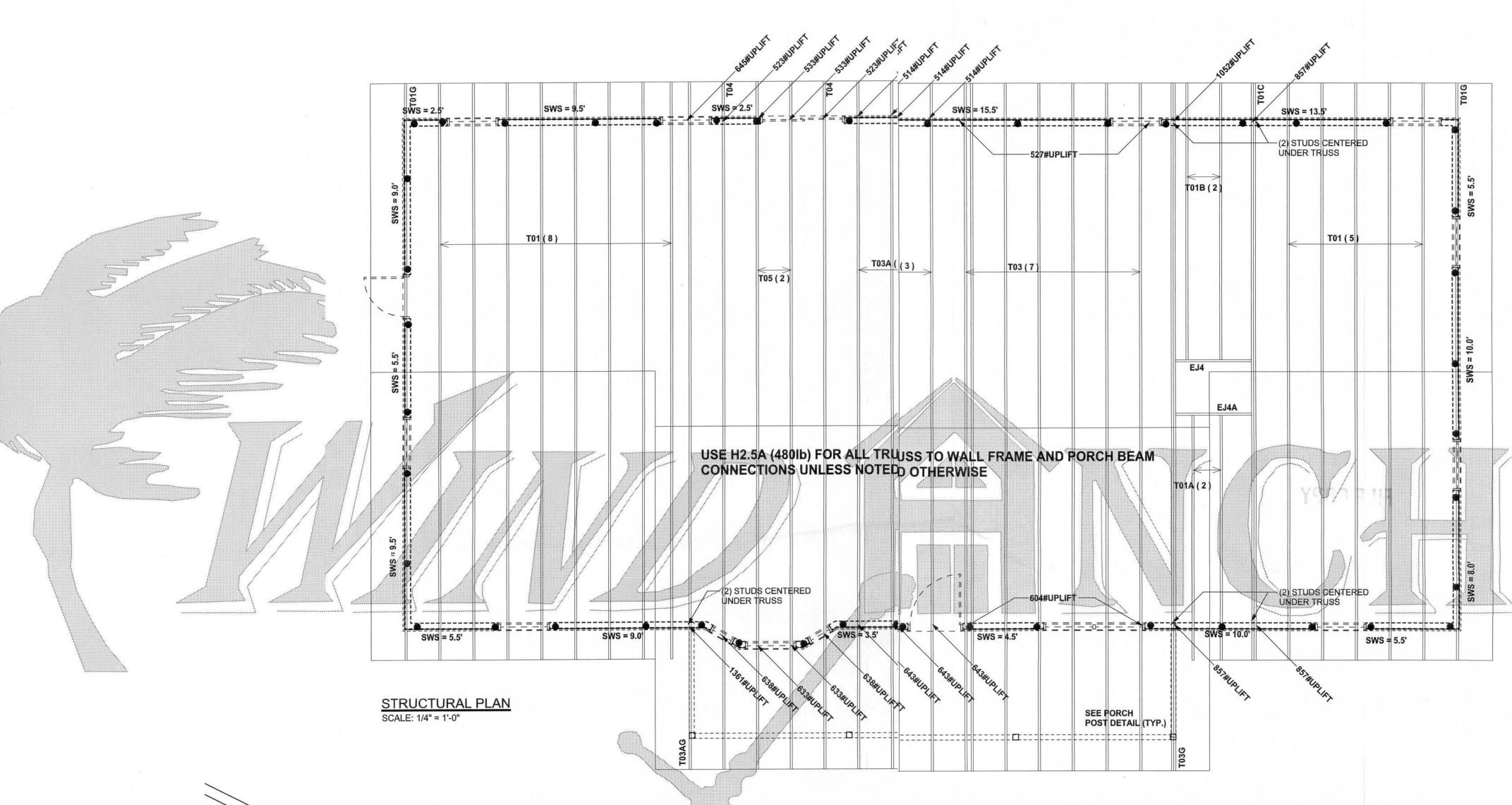
DRAWN BY: STRUCTURAL BY:
Evan Beamsley

FINALS DATE: July 12, 2007

> JOB NUMBER: 707112 DRAWING NUMBER

> > S-2 OF 3 SHEETS







MSTA30, 10-10d (1700lb) (5) NAILS EACH SIDE OF STUD (OR STRAP STUD TO HEADER 20-10d) LTT20B, 10-16d (1750lb) 1/2" ANCHOR w/ 6" EMBEDMENT U.N.O., SIMPSON — AT (MAY BE RECESSED BELOW FINISHED FLOOR)

ALTERNATE WALL TIE CONNECTION WERE THREADED ROD CANNOT BE PLACED INWALL SCALE: 1/2" = 1'-0"

STRUCTURAL PLAN NOTES

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.)

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

PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, 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 |
| IBW | 1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1 |
| IBW | 2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1 |

THREADED ROD LEGEND

- INDICATES LOCATION OF: 1ST FLOOR 1/2" A307 ALL THREADED ROD - INDICATES LOCATION OF: 2ND FLOOR 1/2" A307 ALL THREADED ROD REQUIRED ACTUAL TRANSVERSE 11.4' 47.5'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE

LONGITUDINAL 9.6'

HEADER LEGEND

