

PROPOSED RESIDENCE
ANITA AND JERRY WEST

463 LAKE HARRIS DRIVE, LAKE CITY, FLORIDA

PARCEL NUMBER
26-3S-16-02307-006 - COLUMBIA COUNTY, FLORIDA

LEGAL DESCRIPTION
LOT 4 OF FAIRWAY VIEW 'UNIT 2' PER THE PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGE 114 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA

SCOPE OF WORK
THIS PROJECT ENTAILS THE CONSTRUCTION OF A ONE-STORY RESIDENTIAL STRUCTURE AND SITE WORK, INCLUDING ALL REQUISITE ELECTRICAL WORK, CENTRAL AIR CONDITIONING, PLUMBING AND FIXTURES. CEILING FINISHES WILL TYPICALLY BE GYPSUM WALLBOARD WITH TEXTURE. EXTERIOR WALL FINISHES WILL BE CEMENT-BOARD SIDING AND TRIM. INTERIOR WALL FINISHES WILL BE GYPSUM WALLBOARD. ROOFING WILL METAL. FLOORING AND TRIM SHALL BE PER OWNERS SPECIFICATION.

ENGINEER'S STATEMENT
THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH 2010 FLORIDA BUILDING CODE, RESIDENTIAL EDITION, SEC. R301 CRITERIA AND ASCE 7-10. TO THE BEST OF MY KNOWLEDGE THESE CONTRACT DOCUMENTS PREPARED UNDER MY DIRECT SUPERVISION COMPLY WITH THE APPLICABLE MINIMUM CODE REQUIREMENTS AND THE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTERS 553 AND 633 OF THE FLORIDA STATUTES.

DISCLAIMER
THE EXISTING CONDITIONS AS SHOWN ON THIS SITE PLAN AND OTHER DRAWINGS AND DETAILS IN THIS PLAN SET ARE FROM SURVEY PLATS AND VERIFIED BY FIELD MEASUREMENTS. THE ENGINEER OF RECORD TAKES NO RESPONSIBILITY AS TO THE ACCURACY OR COMPLETENESS OF THE REPRESENTATIONS.

DESIGN CRITERIA	LIVE LOADS	DESIGN WIND PRESSURES
CONSTRUCTION TYPE: V-B	ROOF = 20 PSF	(COMPONENTS AND CLADDING) - 120 MPH
WIND SPEED = 120 MPH (3 SEC. GUST)	FLOORS, STAIRS = 40 PSF	0-10 SF = +31.3/-34.0
RISK CATEGORY = II	ATTIC, UNINHABITABLE, WITHOUT STORAGE = 10 PSF	10-20 SF = +29.9/-32.5
WIND EXPOSURE = C	WITH STORAGE = 20 PSF	20-50 SF = +28.0/-30.7
INTERNAL PRESSURE COEFF. = 0.18		50-100 SF = +26.6/-29.3
		100-500 SF = +23.4/-26.0

ROOF SHEATHING FASTENING SCHEDULE

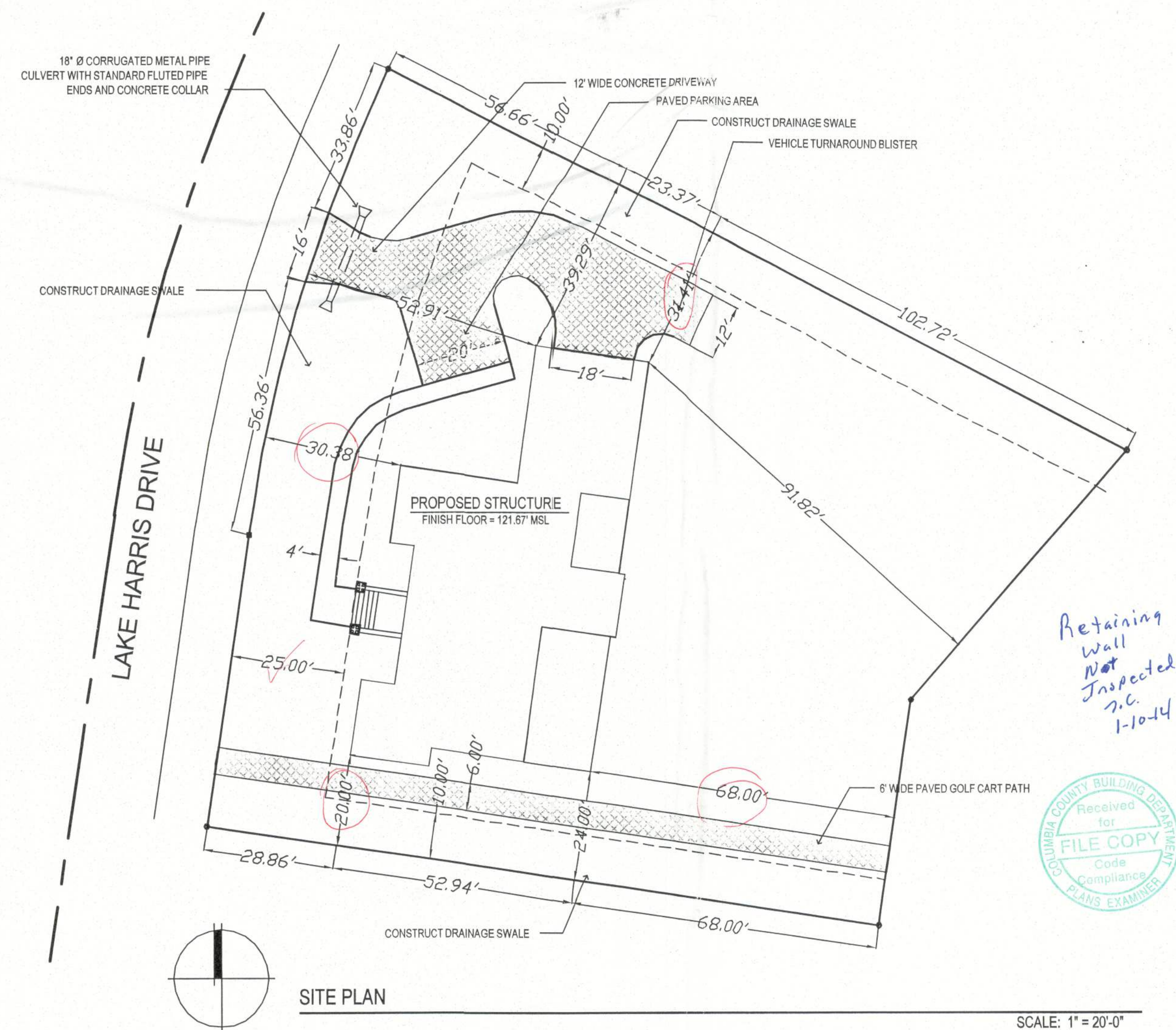
- * USE 15/32" CDX OR 7/16" OSB SHEATHING (WOOD STRUCTURAL PANEL = W.S.P.)
- * SHEATHING SHALL BE FASTENED WITH 8d FULL-HEAD RINGSHANK NAILS
- * REFER TO SHEET S-2.4 FOR ROOF SHEATHING NAILING ZONE SCHEMATIC
- ZONE 1 EDGES @ TRUSSES 6" O.C. AND INTERMEDIATE TRUSSES 12" O.C.
- ZONE 2 EDGES @ TRUSSES 6" O.C. AND INTERMEDIATE TRUSSES 8" O.C.

WALL SHEATHING FASTENING SCHEDULE

- * USE 15/32" CDX OR 7/16" OSB SHEATHING (WOOD STRUCTURAL PANEL = W.S.P.)
- * STANDARD EXTERIOR WALL: USE MIN. 8d HAND DRIVEN OR GUN NAILS SPACED AT EDGES AT 6" O.C. AND INTERIOR FIELD AT 12" O.C.
- * EXTERIOR SHEARWALLS: USE MIN. 8d RING-SHANK GUN NAILS AT 4" O.C. ON EDGES AND ENDS AND INTERIOR FIELD AT 6" O.C.

SHEET INDEX	
A1.1	PROJECT DATA, GENERAL NOTES, DESIGN CRITERIA, SITE PLAN
A2.1	DIMENSIONED FLOOR PLAN
A2.2	NOTED FLOOR PLAN, CUPOLA PLANS
A2.3	ROOF PLAN
A3.1	EXTERIOR ELEVATIONS
A3.2	EXTERIOR ELEVATIONS, TYPICAL ARCHITECTURAL WALL SECTION
E1.1	ELECTRICAL PLAN
M1.1	HVAC DUCTWORK SCHEMATIC
S1.1	GENERAL NOTES, STRUCTURAL NOTES
S2.1	FOUNDATION PLAN, SCHEDULES
S2.2	SLAB AND 'GO BOLTS' PLAN
S2.3	BEAMS, HEADERS AND SHEARWALL PLAN
S2.4	ROOF FRAMING PLANS
S2.5	ROOF DECKING NAILING PLANS
S3.1	SECTIONS AND DETAILS
S3.2	SECTIONS AND DETAILS
S3.3	SECTIONS AND DETAILS

AREA SUMMARY	
CONDITIONED AREA	2370 S.F.
TOTAL CONDITIONED AREA	2370 S.F.
GARAGE AREA	753 S.F.
COVERED PORCH AREAS	712 S.F.
TOTAL NON-CONDITIONED AREA	1285 S.F.
TOTAL AREA	3655 S.F.



DATE	REMARKS
12.13.13	PERMIT SET



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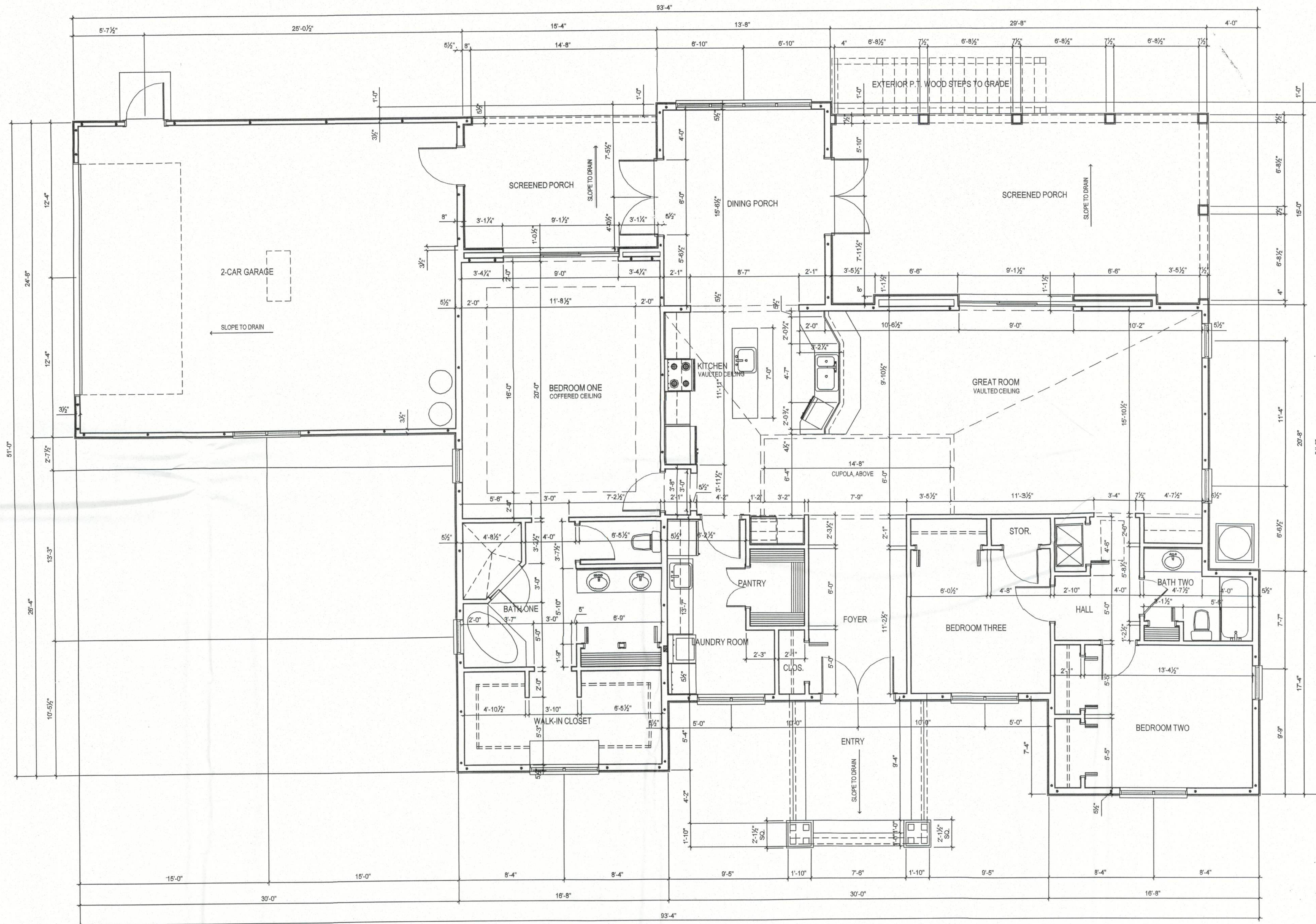
PROPOSED RESIDENCE
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463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER

A1.1

PROJECT NO. 131006

TYPICAL NOTES:
ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
ALL INTERIOR PARTITIONS ARE 2x4 STUDS UNLESS OTHERWISE NOTED. DIMENSION STRINGS BALANCE WITH 3/4" STUD DIMENSIONS. STANDARD STUD DIMENSIONS ARE OMITTED FOR CLARITY. ALL NON-STANDARD PARTITION WIDTHS ARE DIMENSIONED ON THE PLANS.



DIMENSIONED MAIN FLOOR PLAN

SCALE: 1/4" = 1' 0"

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A2.1

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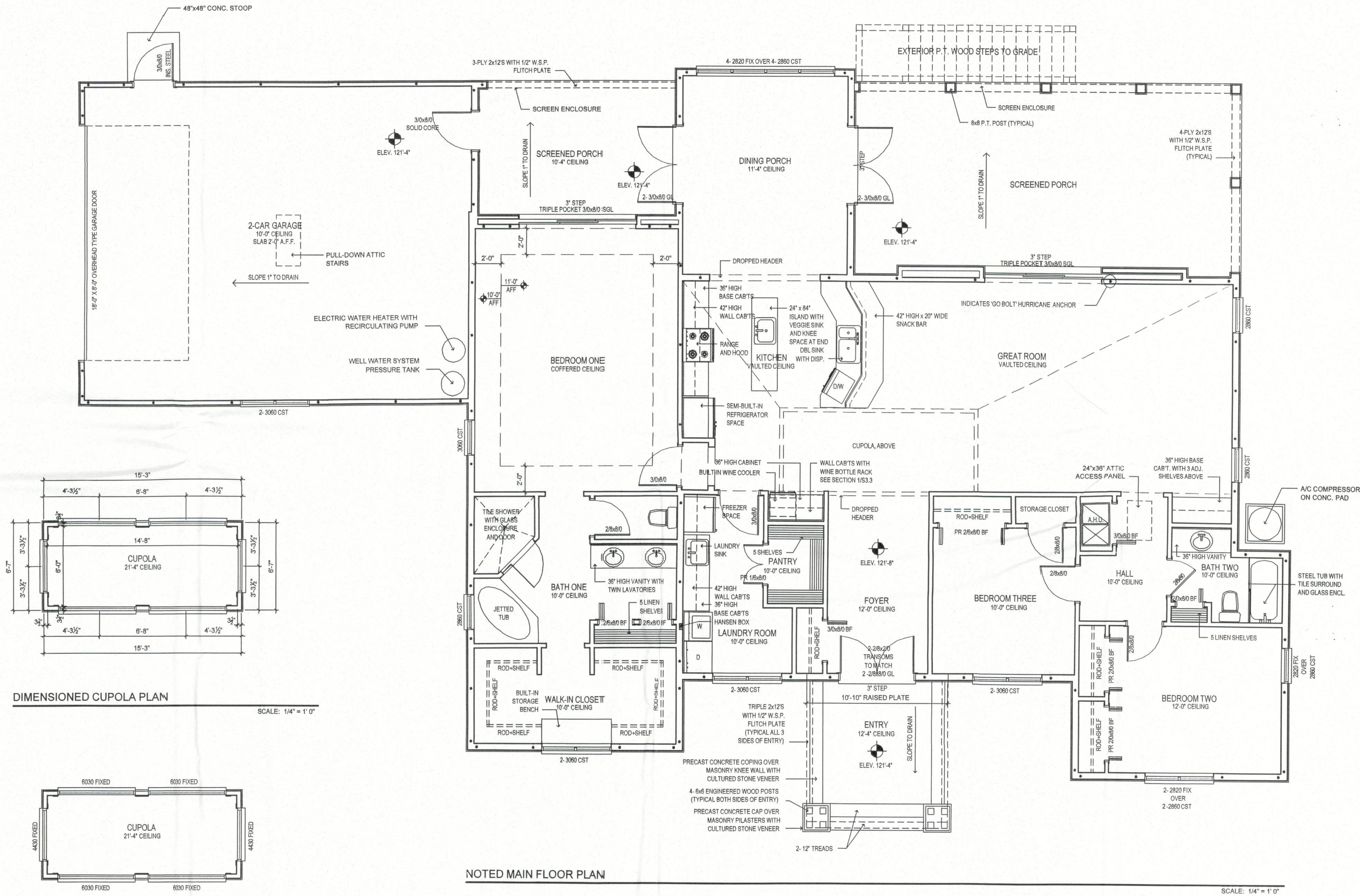
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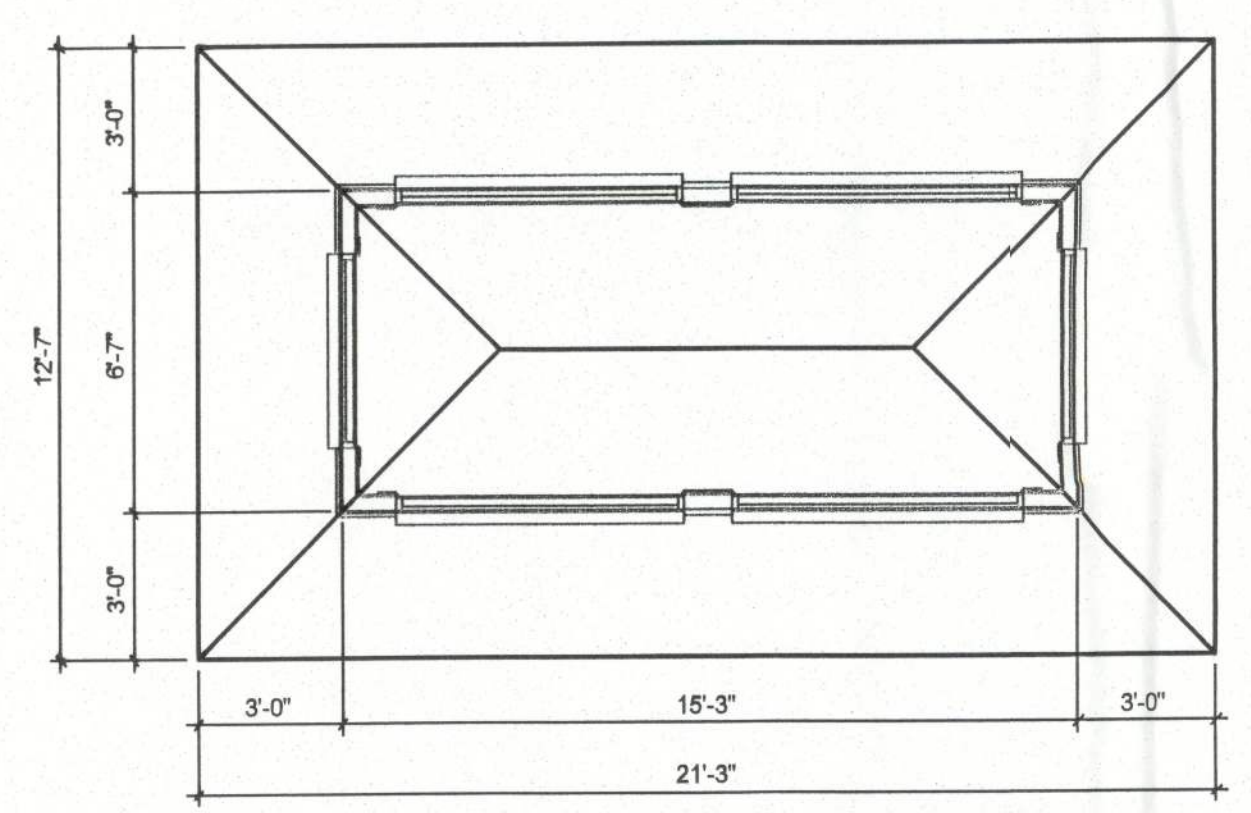
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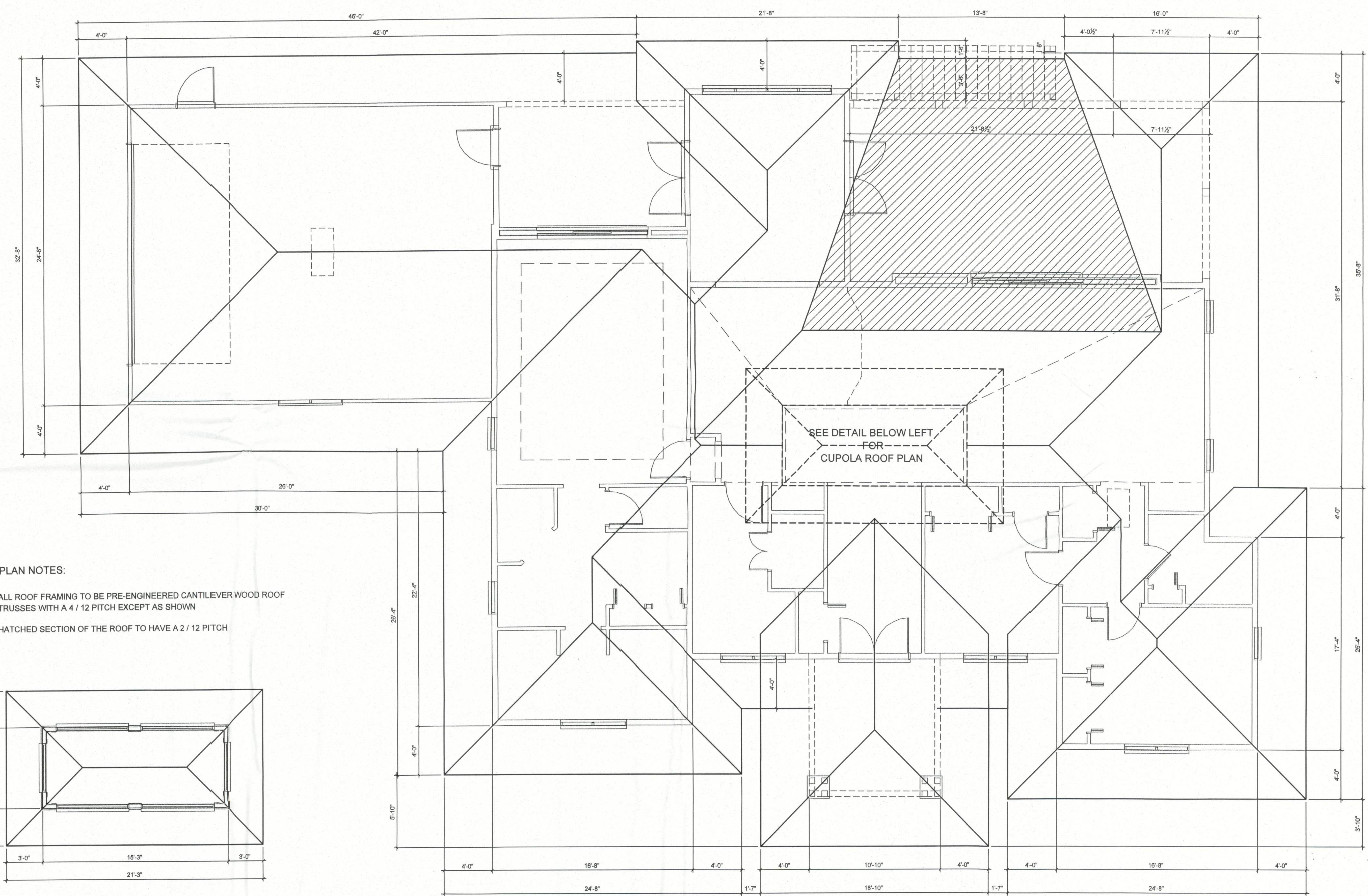
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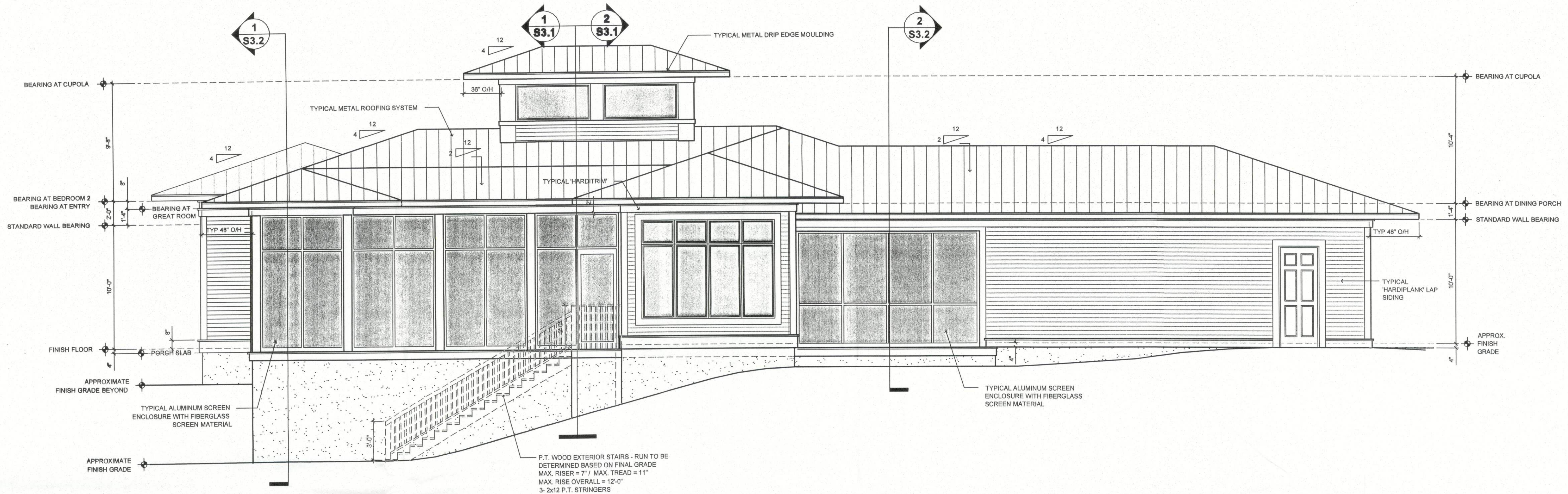
- ROOF PLAN NOTES:
- ALL ROOF FRAMING TO BE PRE-ENGINEERED CANTILEVER WOOD ROOF TRUSSES WITH A 4 / 12 PITCH EXCEPT AS SHOWN
 - HATCHED SECTION OF THE ROOF TO HAVE A 2 / 12 PITCH



CUPOLA ROOF PLAN
SCALE: 1/4" = 1' 0"



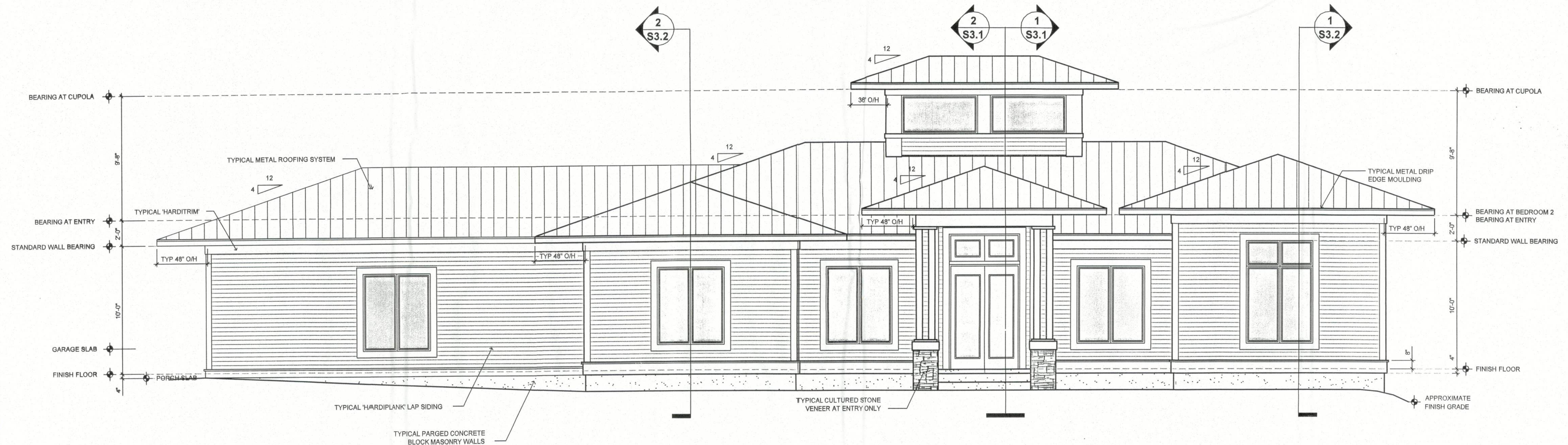
ROOF PLAN
SCALE: 1/4" = 1' 0"



REAR ELEVATION

REFER TO PLANS, NOTES AND SECTIONS FOR TYPICAL MATERIAL CALL-OUTS

SCALE: 1/4" = 1' 0"

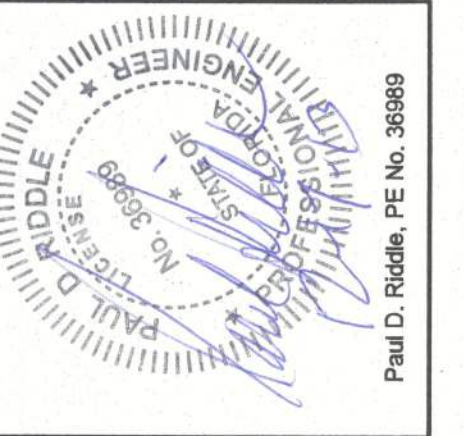


FRONT ELEVATION

REFER TO PLANS, NOTES AND SECTIONS FOR TYPICAL MATERIAL CALL-OUTS

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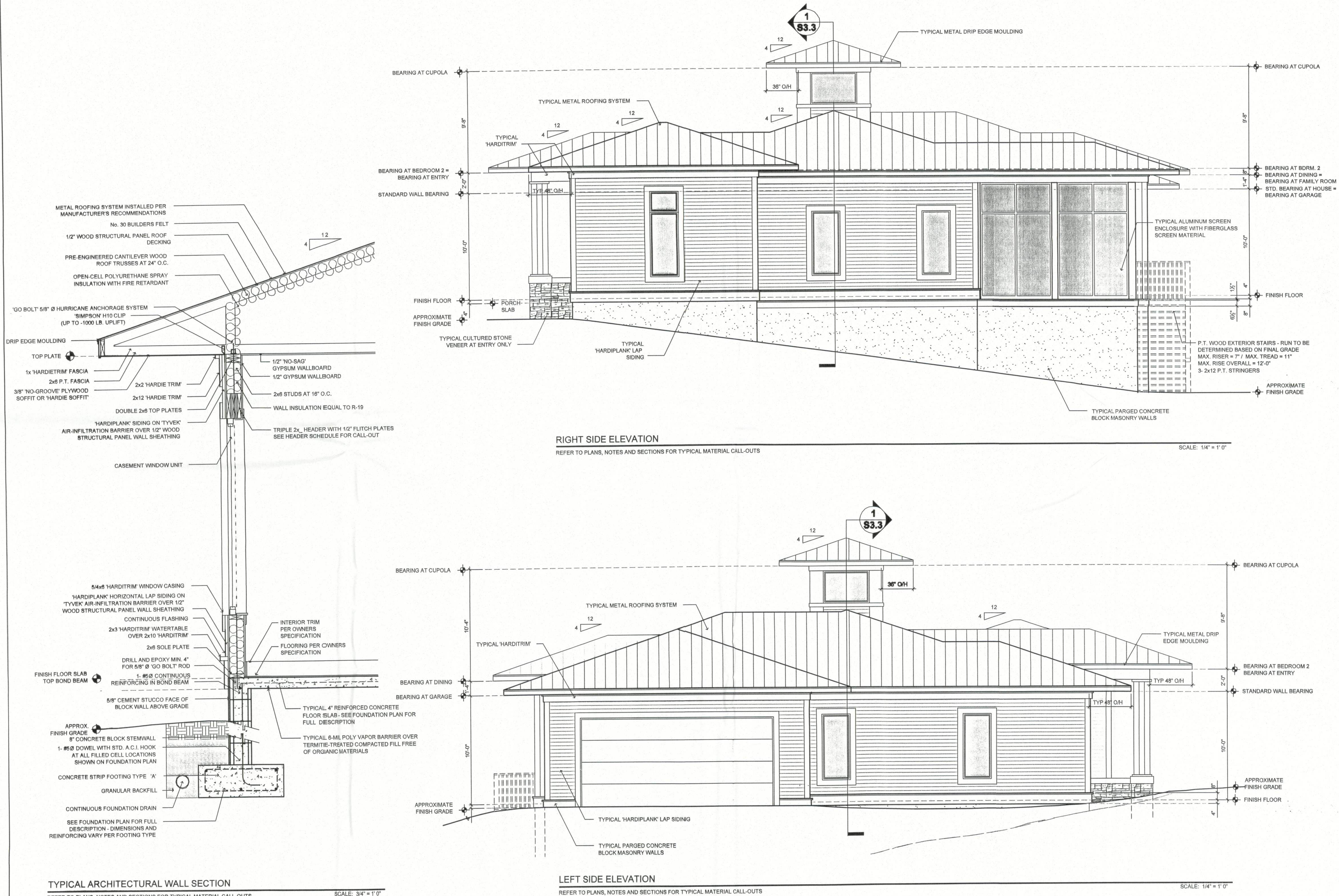
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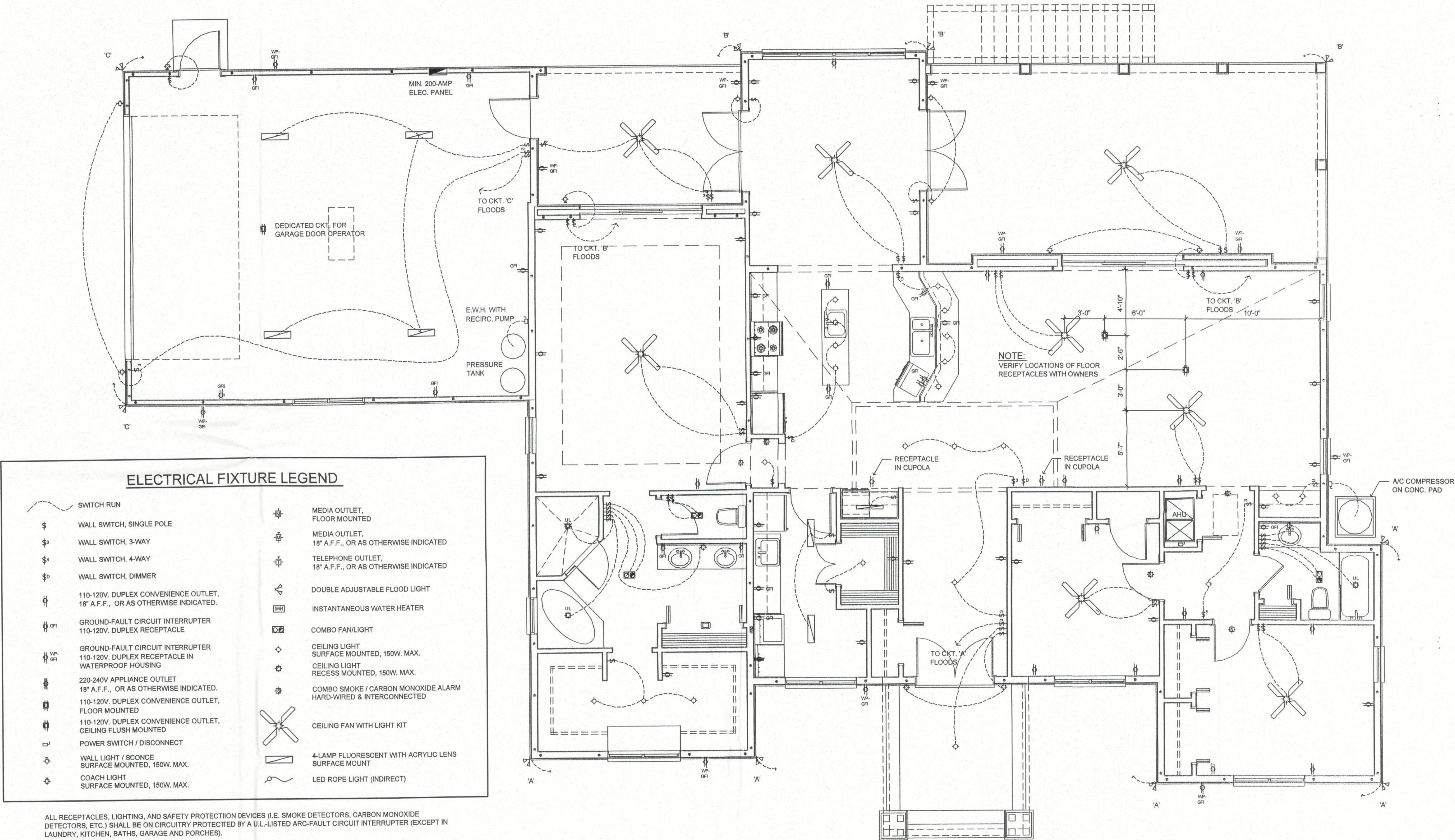
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ELECTRICAL FIXTURE LEGEND			
	SWITCH RUN		MEDIA OUTLET, FLOOR MOUNTED
	WALL SWITCH, SINGLE POLE		MEDIA OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED
	WALL SWITCH, 3-WAY		TELEPHONE OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED
	WALL SWITCH, 4-WAY		DOUBLE ADJUSTABLE FLOOD LIGHT
	WALL SWITCH, DIMMER		INSTANTANEOUS WATER HEATER
	110-120V. DUPLEX CONVENIENCE OUTLET, 18" A.F.F., OR AS OTHERWISE INDICATED.		COMBO FAN/LIGHT
	GROUND-FAULT CIRCUIT INTERRUPTER 110-120V. DUPLEX RECEPTACLE		CEILING LIGHT SURFACE MOUNTED, 150W. MAX.
	GROUND-FAULT CIRCUIT INTERRUPTER 110-120V. DUPLEX RECEPTACLE IN WATERPROOF HOUSING		CEILING LIGHT RECESS MOUNTED, 150W. MAX.
	220-240V APPLIANCE OUTLET 18" A.F.F., OR AS OTHERWISE INDICATED.		COMBO SMOKE / CARBON MONOXIDE ALARM HARD-WIRED & INTERCONNECTED
	110-120V. DUPLEX CONVENIENCE OUTLET, FLOOR MOUNTED		CEILING FAN WITH LIGHT KIT
	110-120V. DUPLEX CONVENIENCE OUTLET, CEILING FLUSH MOUNTED		4-LAMP FLUORESCENT WITH ACRYLIC LENS SURFACE MOUNT
	POWER SWITCH / DISCONNECT		LED ROPE LIGHT (INDIRECT)
	WALL LIGHT / SCONCE SURFACE MOUNTED, 150W. MAX.		
	COACH LIGHT SURFACE MOUNTED, 150W. MAX.		

ALL RECEPTACLES, LIGHTING, AND SAFETY PROTECTION DEVICES (I.E. SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, ETC.) SHALL BE ON CIRCUITRY PROTECTED BY A U.L.-LISTED ARC-FAULT CIRCUIT INTERRUPTER (EXCEPT IN LAUNDRY, KITCHEN, BATHS, GARAGE AND PORCHES).
ALL RECEPTACLES SHALL BE U.L.-LISTED TAMPER-RESISTANT AND OUTDOOR GFCI RECEPTACLES SHALL BE WEATHER-RESISTANT.
INSTALL ONE 110-V DUPLEX RECEPTACLE AND ONE PORCELAIN PULL CORD LIGHT FIXTURE AT ENTRANCE TO EACH ATTIC ACCESS. (MINIMUM SPECIFICATION)

ELECTRICAL FLOOR PLAN

SCALE: 1/4" = 1' 0"

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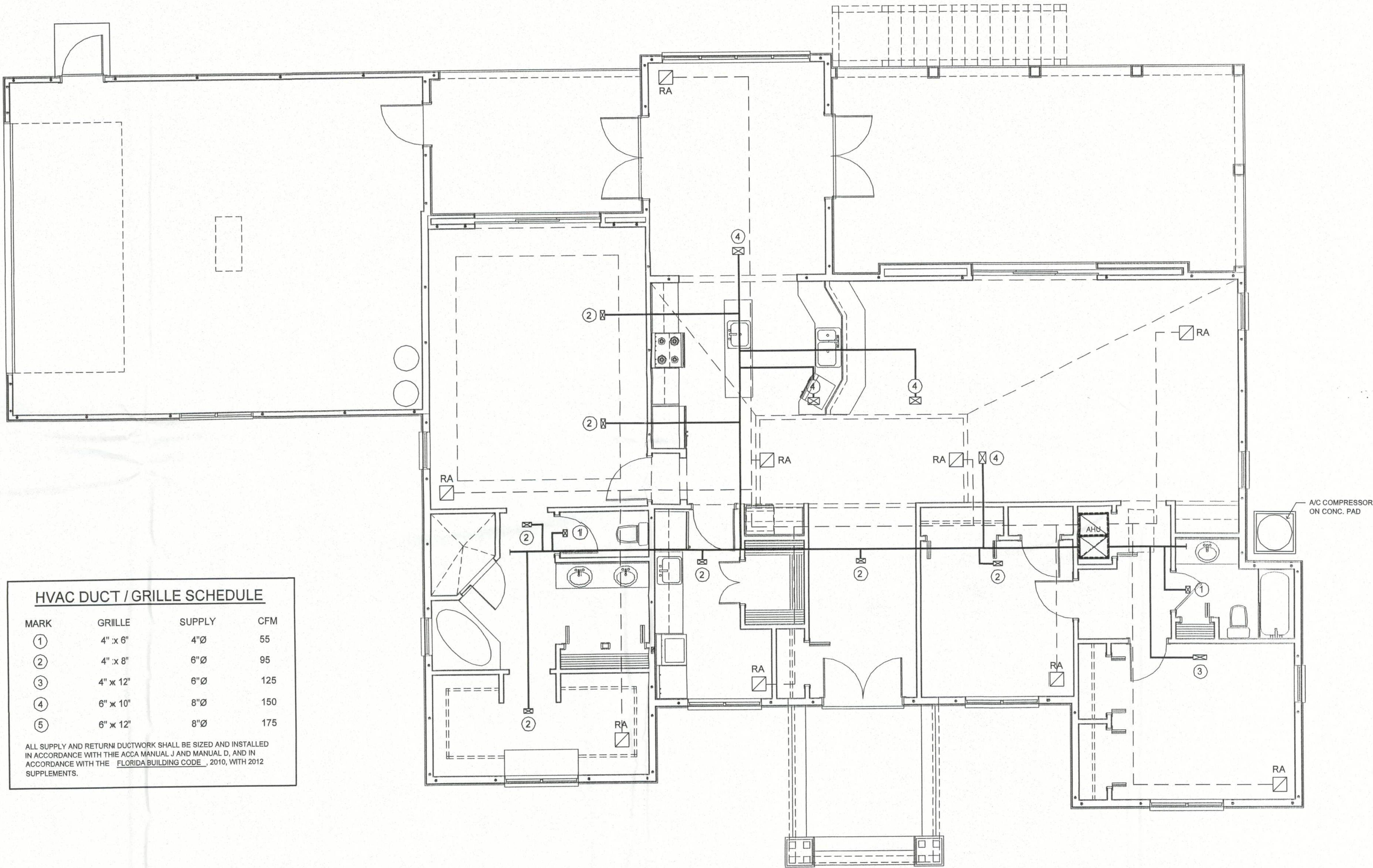
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HVAC DUCT / GRILLE SCHEDULE

MARK	GRILLE	SUPPLY	CFM
①	4" x 6"	4"Ø	55
②	4" x 8"	6"Ø	95
③	4" x 12"	6"Ø	125
④	6" x 10"	8"Ø	150
⑤	6" x 12"	8"Ø	175

ALL SUPPLY AND RETURN DUCTWORK SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE ACCA MANUAL J AND MANUAL D, AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 2010, WITH 2012 SUPPLEMENTS.

MECHANICAL FLOOR PLAN

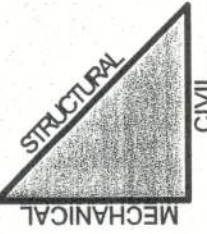
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Paul D. Riddle, P.E. No. 36989

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GENERAL NOTES:

GENERAL:

- ALL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE (LATEST EDITION) AND ALL OTHER LOCAL, COUNTY, STATE AND FEDERAL AGENCIES HAVING JURISDICTION OVER THE WORK. THE MORE STRINGENT CODE SHALL APPLY IF CONFLICT EXISTS IN OR BETWEEN CODES.
- IN GENERAL, THE CONTRACTOR(S) SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY AND/OR REQUIRED TO PERFORM AND COMPLETE THE ENTIRE PROJECT.
- ALL WORK SHALL BE TRUE, LEVEL, AND OF THE BEST WORKMANSHIP FOR EACH TRADE. ALL MECHANICS SHALL BE SKILLED AND/OR APPROPRIATELY LICENSED BY THE AUTHORITIES HAVING JURISDICTION OVER SUCH.
- ALL EXTERIOR DIMENSIONS SHOWN ARE NOMINAL EXTERIOR FACE OF MASONRY TO EXTERIOR FACE OF MASONRY. ALL INTERIOR DIMENSIONS ARE NOMINAL FACE OF WOOD STUD TO FACE OF WOOD STUD.
- ANY VARIATIONS FROM CONDITIONS SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER. WORK SHALL NOT PROCEED UNTIL CLARIFICATION HAS BEEN RECEIVED.
- SHOP DRAWINGS, WHERE APPLICABLE, MUST BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO FABRICATION.
- DISCREPANCIES AND OMISSIONS ON DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE DESIGNER IN WRITING FOR CLARIFICATION.
- NO WORK SHALL COMMENCE UNTIL A BUILDING PERMIT HAS BEEN ISSUED.
- ALL SUBCONTRACTORS SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND LICENSES AND BE RESPONSIBLE FOR HAVING THEIR WORK INSPECTED BY THE AUTHORITIES HAVING JURISDICTION.
- EACH SUBCONTRACTOR SHALL COORDINATE HIS OWN WORK WITH OTHER TRADES.
- ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE PRESERVATIVE TREATED.
- IF AMBIGUITIES EXIST IN THE DOCUMENTS, THE SUBCONTRACTOR SHALL INCLUDE IN HIS BID THE MORE EXPENSIVE METHOD OF WORK.
- EACH SUBCONTRACTOR SHALL REMOVE AND DISPOSE OF HIS OWN DEBRIS PER CONTRACT SPECIFICATIONS, AND PREMISES SHALL BE LEFT BROOM-CLEANED ON A DAILY BASIS. ALL AREAS NOT INVOLVED IN THE WORK SHALL BE PROTECTED FROM DAMAGE, DUST, DEBRIS, AND ANY DAMAGE TO ADJACENT AREAS OCCASIONED BY THE SUBCONTRACTOR SHALL BE REPAIRED BY THE SUBCONTRACTOR.
- LARGE SCALE DRAWINGS HAVE PRECEDENCE. HOWEVER, WORK INDICATED ON SMALL SCALE DRAWINGS SHALL NOT BE OMITTED. SIMILARLY, NOTES TAKE PRECEDENCE OVER SCHEDULES, PIPING AND WIRING DIAGRAMS, HOWEVER, WORK SHOWN OR DESCRIBED BY OTHER METHODS SHALL NOT BE OMITTED.
- ALL WORK LET UNDER THIS CONTRACT SHALL BE GUARANTEED AND HONORED BY THE SUBCONTRACTOR FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM THE DATE OF FINAL PAYMENT, WHICH SHALL CONSTITUTE FINAL ACCEPTANCE. THE GRANTING OF A CERTIFICATE OF OCCUPANCY SHALL NOT CONSTITUTE FINAL ACCEPTANCE.
- NEITHER THE DESIGNER NOR THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF THE GENERAL CONTRACTOR NOR ANY ASSOCIATED SUBCONTRACTORS PERFORMING WORK UNDER THIS CONTRACT.
- ALL SUBCONTRACTORS BIDDING ON THIS PROJECT SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS PRIOR TO SUBMISSION OF A BID. FURTHERMORE, WHERE NO SPECIFIC BRAND OR MODEL IS SPECIFIED, THE SUBCONTRACTORS SHALL PROVIDE SUCH, INCLUDING MANUFACTURERS' CUT SHEETS AS A PART OF THEIR BID.

SITework:

- SEE SITE PLAN NOTES, SHEET A1.1

CONCRETE:

- SEE STRUCTURAL NOTES, THIS SHEET

MASONRY:

- SEE STRUCTURAL NOTES, THIS SHEET
- GENERAL:** CONTRACTOR SHALL PROVIDE NECESSARY LABOR, MATERIALS, AND EQUIPMENT TO LAY UP CONCRETE MASONRY UNITS AS SHOWN OR SPECIFIED IN THESE DOCUMENTS.
WORKMANSHIP: ALL CONCRETE MASONRY WALLS SHALL BE TRUE AND PLUMB, AND BUILT TO DIMENSIONS AND PATTERNS AS INDICATED ON THE DRAWINGS.
- THE WORK OF THE MASONRY CONTRACTOR SHALL BE COORDINATED WITH THAT OF OTHER TRADES. ON CONCLUSION OF MASONRY WORK, CLEAN DOWN ALL CONCRETE MASONRY WALLS WITH A NON-ACID SOLUTION.
- MATERIALS:** 8" AND 12" DECORATIVE CONCRETE BLOCK SHALL BE AS MANUFACTURED BY TITAN AMERICA (TARMAC), OLD CASTLE, OR CEMEX. PATTERNS, TEXTURES AND COLORS SHALL BE SELECTED BY OWNER. GROUT COLORS SHALL BE SELECTED BY OWNER.

STEEL:

- SEE STRUCTURAL NOTES, THIS SHEET

WOOD:

- SEE STRUCTURAL NOTES, THIS SHEET

THERMAL AND MOISTURE PROTECTION:

INSULATION:

- INSULATION IN 4" OR 6" FRAME PARTITIONS SHALL BE UNFACED FIBER GLASS BATT INSULATION HAVING R-VALUES OF R-11 OR R-19, RESPECTIVELY. (ALTERNATE: SPRAY OPEN CELL POLYURETHANE FOAM WITH IGNITION BARRIER.)
- ROOF INSULATION TO BE MINIMUM R-19 DIRECT APPLIED SPRAY OPEN CELL POLYURETHANE FOAM WITH APPLIED IGNITION BARRIER OVER FOAM.
- INSULATION OF EXTERIOR CONCRETE WALLS SHALL BE $\frac{3}{4}$ " FOIL-FACED RIGID BOARD PLACED CONTINUOUSLY ON INNER FACE OF WALLS (P.T. FLUORING MECHANICALLY ATTACHED ON INNER FACE OF RIGID INSULATION THROUGH TO MASONRY SUBSTRATE) PLUS ALL NON-GROUTED BLOCK CELL CAVITIES SHALL BE INSULATED WITH HIGH-PRESSURE INJECTED FOAM.
- A. UNFACED/KRAFT-FACED FIBER GLASS INSULATION: JOHNS MANVILLE FORMALDEHYDE FREE FIBER GLASS BATTS
- B. OPEN CELL POLYURETHANE FOAM INSULATION: JOHNS MANVILLE OPEN CELL POLYURETHANE FOAM, R-3.6 PER INCH
- C. RIGID POLYISOCYANURATE FOAM CORE INSULATION: DOW 'THERMAX' R-6.5 PER INCH. PRODUCT SHALL HAVE GLAS-FIBER-REINFORCED POLYISO CORE LAMINATED BETWEEN 1.0-MIL SMOOTH, REFLECTIVE ALUMINUM FOIL FACERS ON BOTH SIDES.
- D. FOAM-IN-PLACE BLOCK INSULATION: TAILORED CHEMICAL PRODUCTS 'CORE-FILL 800'
- COMPLY WITH INSULATION MANUFACTURER'S WRITTEN INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATION INDICATED.
- INSTALL INSULATION THAT IS UNDAMAGED, DRY, AND UNSOILED AND THAT HAS NOT BEEN LEFT EXPOSED AT ANY TIME TO ICE, RAIN, OR SNOW. USE INSULATION WIDTHS AND LENGTHS THAT FILL THE CAVITIES FORMED BY FRAMING MEMBERS. IF MORE THAN ONE LENGTH IS REQUIRED TO FILL CAVITY, PROVIDE LENGTHS THAT WILL PRODUCE A SNUG FIT BETWEEN ENDS.
- PLACE INSULATION IN CAVITIES FORMED BY FRAMING MEMBERS TO PRODUCE A FRICTION FIT BETWEEN EDGES OF INSULATION AND ADJOINING FRAMING MEMBERS.
- E. INSTALLATION OF POLYURETHANE OPEN CELL FOAM INSULATION: SPRAY 5 $\frac{1}{2}$ " OF FOAM TO SHEATHING IN ATTIC AND GABLE END WALLS IN AREAS SHOWN IN DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. APPLY 2" OF JOHNS MANVILLE 'SPYDER' FIBERGLASS IGNITION BARRIER OVER EXPOSED SURFACES OF FOAM.

GENERAL NOTES (CONTINUED):

THERMAL AND MOISTURE PROTECTION (CONTINUED):

ROOFING:

- GENERAL:** INSTALLED ROOFS SHALL BE GUARANTEED TWO (2) YEARS FROM DATE OF ACCEPTANCE OF THE BUILDING AND WARRANTED THIRTY (30) YEARS. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NECESSARY FOR A COMPLETE INSTALLATION.
- TYPE:** STANDING SEAM METAL ROOFING SYSTEM. GENERAL CONTRACTOR SHALL COORDINATE MATERIALS SELECTION WITH OWNER.
3. **VAPOR BARRIERS:**
- UNDER CONCRETE POURS: POLYETHYLENE VAPOR BARRIER: SIX (6) MIL CARBONATED POLYETHYLENE FILM, RATED 0.1 PERMS OR LESS.
- INSTALLATION: LAPPED SEAMS: SEAL LAPPED SEAMS AND LAPS ONTO OTHER WORK WITH ADHESIVE OR SELF-ADHESIVE TAPE OF TYPE RECOMMENDED BY VAPOR BARRIER MANUFACTURER. BEFORE COVERING OVER VAPOR BARRIERS WITH OTHER CONCEALING WORK, PATCH PUNCTURES AND TEARS WITH ADHESIVELY-APPLIED BARRIER MATERIAL OR TAPE WITH PERM RATING EQUAL TO THE BARRIER PERM RATING.

CAULKING AND SEALANTS:

- GENERAL:** THROUGHOUT THE WORK, CAULK AND SEAL ALL JOINTS INDICATED AND ELSEWHERE AS REQUIRED TO PROVIDE A POSITIVE BARRIER AGAINST PASSAGE OF AIR AND MOISTURE.
- WRITTEN GUARANTEE: CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE AGREEING TO MAKE ANY REPAIRS OR REPLACEMENTS REQUIRED BECAUSE OF FAULTY MATERIALS OR WORKMANSHIP AT NO ADDITIONAL COST TO THE OWNER FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF COMPLETION OF THE WORK.
- PREPARATION: CLEAN AND PREPARE SURFACES TO WHICH SEALANT IS TO BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS.
- SEALANT INSTALLATION: APPLY SEALANT UNDER PRESSURE WITH HAND OR POWER-ACTUATED GUN OR OTHER APPROPRIATE MEANS. GUNS SHALL HAVE NOZZLE OF PROPER SIZE AND PROVIDE SUFFICIENT PRESSURE TO COMPLETELY FILL JOINTS AS DESIGNED.

FLASHING:

- GENERAL:** FLASHING SHALL BE 26-GA GALVANIZED STEEL.

WATERPROOFING:

- ALL WATERPROOFING FOR DECKS, SCUPPERS AND OTHER INSTALLATIONS SHALL UTILIZE 'SEALOFLEX' WATERPROOFING SYSTEMS PRODUCTS (www.sealoflex.com).
- FOLLOW STEPS FOR ANY NECESSARY PRIMING AS OUTLINED IN 'SEALOFLEX' SPECIFICATIONS MANUAL.
- FOLLOW STEPS FOR APPLICATION AS OUTLINED IN 'SEALOFLEX' SPECIFICATIONS MANUAL.
- ALL 'SEALOFLEX' FABRIC TO OVERLAP A MINIMUM OF 3" WHERE TWO PIECES COME TOGETHER.
- ALL 'SEALOFLEX' FABRIC TO OVERLAP A MINIMUM OF 3" WHERE THERE IS A CHANGE IN PLANE.
- USE TWO SEPARATE PIECES OF 'SEALOFLEX' FABRIC AT EDGES AND PENETRATIONS.
- 'SEAL-O-FLEX' (DECKOFLEX) FLORIDA PRODUCT APPROVAL No. 2920.3

DOORS AND WINDOWS:

- DOORS AS SELECTED BY OWNER.
- WINDOWS SHALL BE 'INTEGRITY ULTEX' AS MANUFACTURED BY MARVIN. SEE WINDOW SCHEDULE FOR MORE REQUIREMENTS

FINISHES:

- WALLBOARD SYSTEM/MATERIALS:**
GYPSUM BOARD: CONFORMING TO ASTM INTERNATIONAL STANDARD C 1396

CEILINGS:	1/2" NON-SAG' GYPSUM WALLBOARD
WALLS:	1/2" GYPSUM WALLBOARD
WALLS	1/2" WATER-RESISTANT AND MILDEW-RETARDANT AT ALL BATHROOM
	1/2" DUROCK BEHIND ALL SHOWER AREAS
EXTERIOR CEILINGS:	5/8" GEORGIA PACIFIC DENGLOSS FIREGUARD SHEATHING, TYPE DGG, WITH SYNTHETIC STUCCO AS MANUFACTURED BY 'DRY-VIT' OR EQUAL.
JOINT TAPE:	ASTM C 475, PERFORATED.
JOINT COMPOUND:	ASTM C 475, OF THE TYPE INDICATED. PROVIDE READY-MIXED VINYL-TYPE FOR INTERIOR WORK. PROVIDE WATER RESISTANT TYPE MANUFACTURED BY UNITED STATES GYPSUM CO. FOR USE WITH WATER RESISTANT BACKING BOARD.
TRIM AND EDGING:	TWENTY-SIX (26) GAUGE, ELECTRO-GALVANIZED STEEL WITH KNURLED SURFACES FOR EMBEDDING CEMENT. PROVIDE ANGLE CORNER PIECES WITH 1-1/4 INCH LEGS AT ALL EXTERNAL CORNERS AND CHANNEL-TYPE METAL TRIM PIECES AT ALL GYPSUM BOARD EDGES MEETING DISSIMILAR MATERIALS.
NAILS:	ANNULAR RING TYPE, LENGTHS AS REQUIRED BY GYPSUM BOARD THICKNESSES. FOR WOOD FRAMING, PROVIDE CEMENT COATED NAILS, OF LENGTHS REQUIRED. FOR CONCRETE, PROVIDE CASE HARDENED STEEL NAILS 3/4" LONG.
SCREWS:	COUNTERSUNK PHILLIPS HEADS, LENGTHS AS REQUIRED WHEN FASTENING GYPSUM DRYWALL. DUROCK SCREWS WHEN FASTENING DUROCK.
- PAINTING:**
GENERAL: FURNISH ALL PAINTING REQUIRED FOR A COMPLETE JOB. SURFACES SHALL RECEIVE COATINGS AS SHOWN ON THE DRAWINGS AND SCHEDULES AND AS SPECIFIED HEREIN.
PREPARATION OF SURFACES: NO PAINTING SHALL BE STARTED UNTIL SURFACES ARE IN PROPER CONDITION TO RECEIVE PAINT OR STAIN. SURFACES TO BE PAINTED OR STAINED SHALL BE CLEAN AND FREE FROM GREASE AND OIL BEFORE STAINING OR PAINTING. ALL KNOTS OR SAPPY SPOTS SHALL BE CLEANED AND TOUCHED UP WITH KNOT SEALER OR SELLAC BEFORE PAINTING. ALL NECESSARY PUTTING OF NAIL HOLES, CRACKS, AND BLEMISHES SHALL BE DONE ONLY AFTER PRIMING COAT HAS BECOME HARD AND DRY. ON STAIN WORK, NAIL HOLES SHALL BE PUTTIED TO MATCH THE FINISH COLOR.

GENERAL NOTES (CONTINUED):

FINISHES (CONTINUED):

- PAINTING (CONTINUED):**
- COLORS:** ALL COLORS SHALL BE SELECTED BY THE OWNER. PAINTING CONTRACTOR SHALL FURNISH COLOR SAMPLES FOR THE SELECTION. NOTIFY THE OWNER TWO (2) WEEKS BEFORE STARTING WORK AND MAKE COLOR SAMPLES AS REQUESTED.
- MANUFACTURERS:** FIRST GRADE LINES OF PPG, SHERWIN-WILLIAMS, BENJAMIN MOORE, CABOTS.
- APPLICATION:**
- EXPOSED CONCRETE FLOOR SLAB: 'ARMORPOXY' 1-PART EPOXY COATING.
- DRYWALL: 1 COAT LATEX PRIMER AND 2 COATS LATEX EGG-SHELL.
- CEMENTITIOUS AND PVC TRIM: 1 COAT EXTERIOR ACRYLIC PRIMER AND 2 COATS EXTERIOR LATEX SATIN.
- WOOD PAINTED: 1 COAT WOOD OIL PRIMER/UNDERCOAT AND 2 COATS LATEX EGG-SHELL.
- WOOD STAINED: PRECONDITION WOOD BEFORE STAINING. 1 COAT 'WOOD CLASSICS' OIL STAIN AND 2 COATS 'WOOD CLASSICS' POLYURETHANE.
- GALVANIZED METAL AND ALUMINUM: 1 COAT 'GALVITE' HS SOLVENT-BASED ACRYLIC COATING AND 2 COATS METAL LATEX SEMI-GLOSS.
- FERROUS METALS: 1 COAT 'KEM' KROMIK UNIVERSAL METAL PRIMER AND 2 COATS 'PROMAR 400' ALKYD EGG-SHELL.
3. **STUCCO:**
ON WOOD FRAMING:
INSTALL 7/8" ROCK-SALT FINISH CEMENT STUCCO (3-COAT SYSTEM) ON PAPER-BACKED EXPANDED WIRE LATH OVER 'TYVEK' HOUSE WRAP ON PRESSURE-TREATED CDX PLYWOOD.
ON CONCRETE OR CONCRETE MASONRY:
INSTALL 5/8" ROCK-SALT FINISH CEMENT STUCCO (2 COAT SYSTEM) DIRECTLY ON CLEAN CONCRETE OR CONCRETE MASONRY FACES.

SPECIALTIES:

- SHOP DRAWINGS FOR INTERIOR AND EXTERIOR RAILING FOR GUARD RAIL AND HAND RAIL SHALL BE SUBMITTED TO DESIGNER AND ENGINEER OF RECORD FOR REVIEW. RAILING SYSTEM (INCLUDING ANCHORAGE, BALUSTERS, AND TOP RAIL) SHALL WITHSTAND A POINT FORCE OF 200 POUNDS APPLIED AT ANY LOCATION AND FROM ANY DIRECTION. FURTHER, OPENING IN RAILING SYSTEM SHALL NOT ALLOW TO PASS ANY OBJECT OF SIZE EQUAL TO A 4-INCH DIAMETER SPHERE OR LARGER.
- CABINETS AND BUILT-IN SHELVING SHOWN ON THESE PLANS ARE SUGGESTED. DESIGNS. GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER AND A CERTIFIED KITCHEN AND BATH DESIGNER FOR ALL KITCHEN, BATH AND BAR DESIGNS TO INCLUDE CABINET STORAGE ACCESSORIES. NATURAL AND CULTURED CABINET AND VANITY TOPS SHALL BE SELECTED BY OWNER. GENERAL CONTRACTOR SHALL COORDINATE WITH OWNER AND A QUALIFIED CUSTOM CLOSET DESIGNER FOR ALL CLOSET BUILT-INS INCLUDING SHELVING, CLOTHES RODS AND STORAGE UNITS.
- CERAMIC TILE, PORCELAIN TILE AND BATH ACCESSORIES SHALL BE SELECTED BY OWNER.

EQUIPMENT:

- APPLIANCES: GENERAL CONTRACTOR SHALL COORDINATE WITH OWNER TO SELECT ALL KITCHEN AND LAUNDRY ROOM APPLIANCES.

MECHANICAL:

- HVAC: MECHANICAL CONTRACTOR SHALL DESIGN AND SIZE ALL HEATING, COOLING AND VENTILATION SYSTEMS. HEATING AND COOLING SYSTEMS SHALL BE HIGH-EFFICIENCY HEAT PUMP SYSTEMS. WATER HEATING SHALL BE BY ELECTRIC WATER HEATER WITH RECIRCULATING PUMP.
- PLUMBING: PLUMBING CONTRACTOR SHALL DESIGN AND SIZE ALL POTABLE WATER PIPING, STORAGE AND PUMPING SYSTEMS. ACCEPTABLE SUPPLY PIPING SHALL BE COPPER OR CPVC SCHEDULE 40. ACCEPTABLE DRAIN, WASTE AND VENT PIPING SHALL BE PVC OR CPVC SCHEDULE 40.
- PLUMBING FIXTURES SHALL BE AS MANUFACTURED BY KOHLER, AMERICAN STANDARD OR MOEN.

ELECTRICAL, HOME AUTOMATION, LIGHTNING PROTECTION, AND EMERGENCY STAND-BY POWER:

- ELECTRICAL CONTRACTOR SHALL DESIGN AND SIZE A WHOLE-PROPERTY ELECTRICAL SYSTEM FOR LIGHTING AND POWER. SERVICE SHALL BE UNDERGROUND. A MINIMUM 200-AMPERE SERVICE SHALL BE REQUIRED.
- ALTERNATE No. 1: ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER AND WITH A QUALIFIED HOME AUTOMATION DESIGN AND INSTALLATION COMPANY FOR A WHOLE-PROPERTY AUTOMATION SYSTEM TO INCLUDE: LIGHTING CONTROLS, TIMERS, SECURITY, DATA AND ENTERTAINMENT.
- ALTERNATE No. 2: ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER AND WITH A QUALIFIED LIGHTNING PROTECTION DESIGN AND INSTALLATION COMPANY FOR A WHOLE-PROPERTY LIGHTNING PROTECTION SYSTEM.
- ALTERNATE No. 3: ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER TO SELECT AND INSTALL A PERMANENT 28KW PROPANE-FIRED EMERGENCY STAND-BY ELECTRICAL POWER GENERATOR. GENERATOR SHALL BE EQUIPPED WITH AND AUTOMATIC 100A/240V TRANSFER SWITCH.

STRUCTURAL NOTES:

GENERAL:

- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- MANUFACTURERS OF ANY PRE-ENGINEERED, PRE-FABRICATED SYSTEM OR COMPONENT SHALL SUBMIT SHOP DRAWINGS FOR THE OWNER'S APPROVAL PRIOR TO FABRICATION OR ERECTION OF SYSTEM COMPONENT. THESE SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER.
- THE BUILDING IS DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA BUILDING CODE. FOLLOW ALL APPLICABLE PROVISIONS FOR ALL PHASES OF CONSTRUCTION.
- THE STRUCTURAL INTEGRITY OF THE COMPLETED STRUCTURE DEPENDS UPON THE INTERACTION OF VARIOUS CONNECTED COMPONENTS. PROVIDE ADEQUATE BRACING, SHORING, AND OTHER TEMPORARY SUPPORTS AS REQUIRED TO SAFELY COMPLETE THE WORK.

EXCAVATION AND BACKFILL:

- CLEAR, GRUB AND REMOVE ALL ORGANIC MATERIAL FROM AREAS OF CONSTRUCTION.
- ESTABLISH ACCURATE LAYOUT OF PROPOSED STRUCTURE AND EXCAVATE FOR FOOTINGS AND SLABS. EXCAVATE IN CRAWL SPACE AREAS TO PROVIDE MINIMUM 18" CLEAR SPACE BELOW BOTTOM OF WOOD FLOOR SYSTEM.
- VERIFY THAT SOILS CONDITIONS IN FOOTING AND SLAB SUBGRADES ARE SUITABLE FOR CONSTRUCTION. (SEE FOUNDATIONS' SECTION, BELOW)
- ALL BOTTOMS OF FOOTINGS SHALL BE IN VIRGIN SOIL. STEP FOOTINGS AS REQUIRED.
- ALL BACKFILL ADJACENT TO BASEMENT WALLS AND EXTERIOR RETAINING WALLS SHALL BE COMPACTED, WELL-DRAINED, GRANULAR MATERIALS.
- SEE DETAILS FOR FOUNDATION DRAINAGE SYSTEM.

FOUNDATIONS:

- ALLOWABLE SOIL PRESSURE IS ASSUMED TO BE 2,000 P.S.F.
- SPREAD FOOTINGS SHALL BEAR ON SOIL COMPACTED TO A DENSITY OF AT LEAST 95% OF MODIFIED PROCTOR MAXIMUM DENSITY (A.S.T.M. D1557). THE SOIL SHALL BE COMPACTED TO THIS DENSITY TO A DEPTH OF AT LEAST TWO FEET BELOW THE BOTTOM OF THE FOOTINGS.
- FILL UNDER FLOOR SLABS SHALL BE COMPACTED TO A DENSITY OF AT LEAST 95% OF MODIFIED PROCTOR MAXIMUM DENSITY (A.S.T.M. D1557), FOR ALL REQUIRED FILL AND FOR AT LEAST 2'-0" BELOW FINISHED FLOOR.

CONCRETE:

- DESIGN OF REINFORCED CONCRETE CONFORMS WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE - ACI 318, LATEST EDITION.
- CONCRETE WORK SHALL BE PER ACI 301 (LATEST EDITION) SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
- ALL CONCRETE FOR FOUNDATIONS & SLAB ON GRADE SHALL HAVE AN UNCONFINED COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS. ALL CONCRETE FOR CMU FILLED CELLS, COLUMNS, BEAMS, AND LINTELS SHALL HAVE AN UNCONFINED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
- FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, SLAB DEPRESSIONS AND ANY OTHER ITEMS RELATED TO CONCRETE WORK, CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THEIR PROPER LOCATION, BEFORE POURING CONCRETE.

CONCRETE PROTECTION FOR REINFORCING BARS:

- | | |
|----------|---|
| FOOTINGS | 3" CLEAR, BOTTOM AND SIDES, 2" CLEAR, TOP |
| WALLS | 2" CLEAR, OUTSIDE FACE, 1-1/2" CLEAR, INSIDE FACE |
| SLABS | 3/4" CLEAR, 1-1/2" CLEAR AT AREAS EXPOSED TO WEATHER. |
| BEAMS | 1-1/2" CLEAR TO STIRRUPS |
| COLUMNS | 1-1/2" CLEAR TO TIES |

DESIGN MIXES:

- SUBMIT MIX DESIGN PREPARED BY A CERTIFIED LAB WHO IS DIFFERENT THAN THE ONE CONDUCTING SLUMP TESTS AND CYLINDER BREAKS. LABEL EACH MIX DESIGN TO INDICATE THE AREA IN WHICH THE CONCRETE IS TO BE PLACED. MIX DESIGN SHALL BE PER EITHER METHOD 1 OR METHOD 2 OF ACI 301. PROVIDE SUPPORTING DATA FOR EACH MIX DESIGN.
- PROVIDE NORMAL WEIGHT CONCRETE WITH THE FOLLOWING PROPERTIES: 3000 PSI 28-DAY COMPRESSIVE STRENGTH, USE TYPE I PORTLAND CEMENT, NO FLY ASH OR OTHER POZZOLAN IS PERMITTED. SLUMP LIMIT 3" TO 5", AIR CONTENT 2 TO 4% UNLESS SHOWN OTHERWISE IN DRAWINGS.

CONCRETE CURING AND TESTING:

- CURING: PROTECT CONCRETE FOR 7 DAYS AGAINST MOISTURE LOSS, RAPID TEMPERATURE CHANGE, MECHANICAL INJURY AND INJURY FROM RAIN OR FLOWING WATER. MAINTAIN CONCRETE IN MOIST CONDITION AT TEMPERATURE ABOVE 50 DEGREES F. THROUGHOUT SPECIFIED CURING PERIOD. PROTECT FROM RAPID TEMPERATURE CHANGE AND RAPID DRYING FOR FIRST 24 HOURS FOLLOWING REMOVAL OF TEMPERATURE PROTECTION. START CURING ACTIVITIES AS SOON AS FREE WATER DISAPPEARS FROM SURFACE OF CONCRETE AFTER PLACING AND FINISHING.
- TESTING: CONCRETE TESTING FOR THIS PROJECT SHALL CONSIST OF COMPRESSIVE TESTS MADE BY THE LABORATORY IN ACCORDANCE WITH ASTM C-31. FOLLOW ASTM C31 AND MAKE A SET OF FOUR (4) STANDARD CYLINDERS FOR EACH 50 CU. YDS. OR FOR EACH DAY'S POUR EXCEEDING 5 CU. YDS.

- TEST PER ASTM C39 AS FOLLOWS: ONE (1) SPECIMEN TESTED AT SEVEN (7) DAYS, ONE (1) AT 14 DAYS. ONE (1) TESTED AT 28 DAYS, AND ONE (1) HELD IN RESERVE. SLUMP TEST SHALL BE MADE IN ACCORDANCE WITH ASTM C-143 FOR EACH DAY'S POUR, FOR EACH LOAD, OR AS DIRECTED BY THE ENGINEER OF RECORD.

CONCRETE ANCHORS AND FASTENERS:

- EMBEDMENT ANCHORS SHALL BE NELSON HEADED ANCHORS WITH FLUSH ENDS (OR APPROVED EQUAL), SIZE AND SPACING AS INDICATED ON THE DRAWINGS. STUDS SHALL BE END WELDED IN ACCORDANCE WITH RECOMMENDATIONS OF THE NELSON STUD WELDING COMPANY.

- EXPANSION ANCHORS SHALL BE WS SERIES WEDGE ANCHORS AS MANUFACTURED BY PHILLIPS RED HEAD, OR HILTI KWIK BOLTS AS MANUFACTURED BY HILTI, INC. OR APPROVED EQUAL.
- IN LIEU OF EXPANSION ANCHORS CAST-IN-PLACE INSERTS WILL BE PERMITTED AS MANUFACTURED BY HOMAN & BERNARD, OR APPROVED EQUAL.

REINFORCING STEEL:

- REINFORCING STEEL SHALL BE NEW BILLET STEEL CONFORMING TO A.S.T.M. A615-GRADE 40.
- ALL DETAILING AND ACCESSORIES SHALL CONFORM TO TYPICAL DETAILS SHOWN IN THE 'MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ACI 315, LATEST EDITION'.
- ALL CONTINUOUS VERTICAL OR HORIZONTAL BARS IN FOOTINGS, FOUNDATIONS WALLS, SLABS AND OTHER CONCRETE SHALL BE LAP-SPLICED, WHERE NECESSARY OR DESIRABLE, BY WIRING TOGETHER IN CONTACT. LENGTH OF ALL LAPS SHALL BE 48-BAR DIAMETERS OR 2'-8" MINIMUM, WHICHEVER IS GREATER (EXCEPT AS NOTED BY DRAWINGS). ALL BARS AT END OF CONTINUOUS FOOTINGS OR BEAMS SHALL BE CONTINUOUS TO FAR SIDES OF INTERSECTING ELEMENTS.
- ALL SLABS ON GRADE SHALL BE 4" THICK AND REINFORCED WITH 6#-10/10 W.W.F. UNLESS OTHERWISE NOTED. LAP FABRIC 3" AT EDGES AND ENDS AND PROVIDE ADDITIONAL REINFORCING WHERE SHOWN ON DRAWINGS. PLACE MESH IN CENTER OF SLAB. USE SLAB BOLSTER AND WIRE TIES TO KEEP FABRIC IN PLACE DURING CONCRETE POUR. LIFTING OF W.W.F. WHILE CONCRETE IS BEING POURED IS NOT ACCEPTABLE. MOISTURE BARRIER BENEATH FLOOR SLABS SHALL BE 6 MIL POLYETHYLENE. USE FLAT SHEETS OF WELDED WIRE FABRIC. ROLLS WILL NOT BE PERMITTED.

DATE	REMARKS
12.13.13	PERMIT SET



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MECHANICAL
CIVIL
SITE/CIVIL

PLANS PREPARED BY AND UNDER THE DIRECT SUPERVISION OF
RIDDLE CONSULTING ENGINEERS, INC.
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PROPOSED RESIDENCE
ANITA AND JERRY WEST
463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER

S1.1

PROJECT NO. 131006

TYPICAL NOTES:
ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
ALL INTERIOR PARTITIONS ARE 2x4 STUDS UNLESS OTHERWISE NOTED. DIMENSION STRINGS BALANCE WITH 3 1/2" STUD DIMENSIONS. STANDARD STUD DIMENSIONS ARE OMITTED FOR CLARITY. ALL NON-STANDARD PARTITION WIDTHS ARE DIMENSIONED ON THE PLANS.

DATE	REMARKS
12.13.13	PERMIT SET



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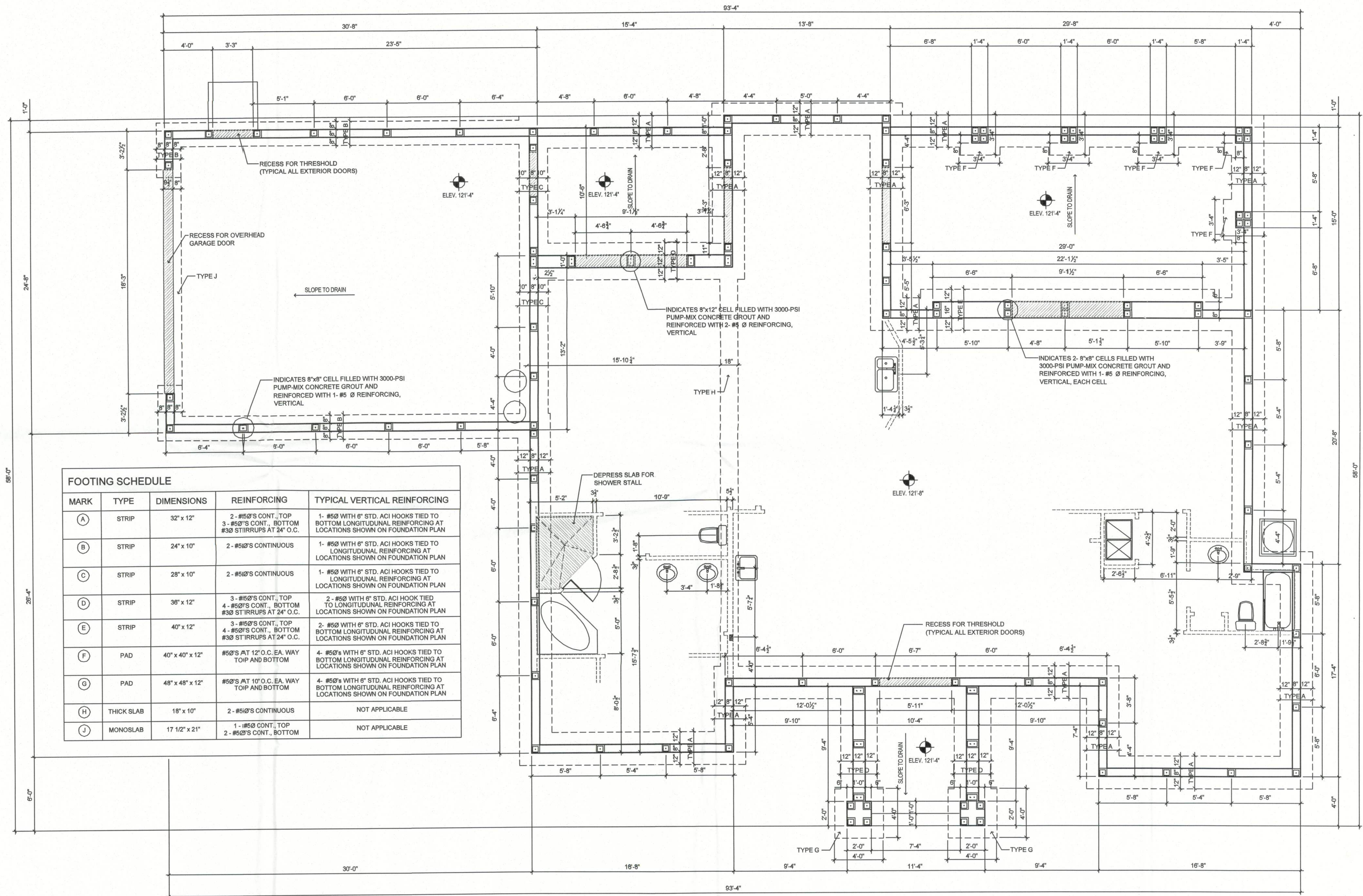
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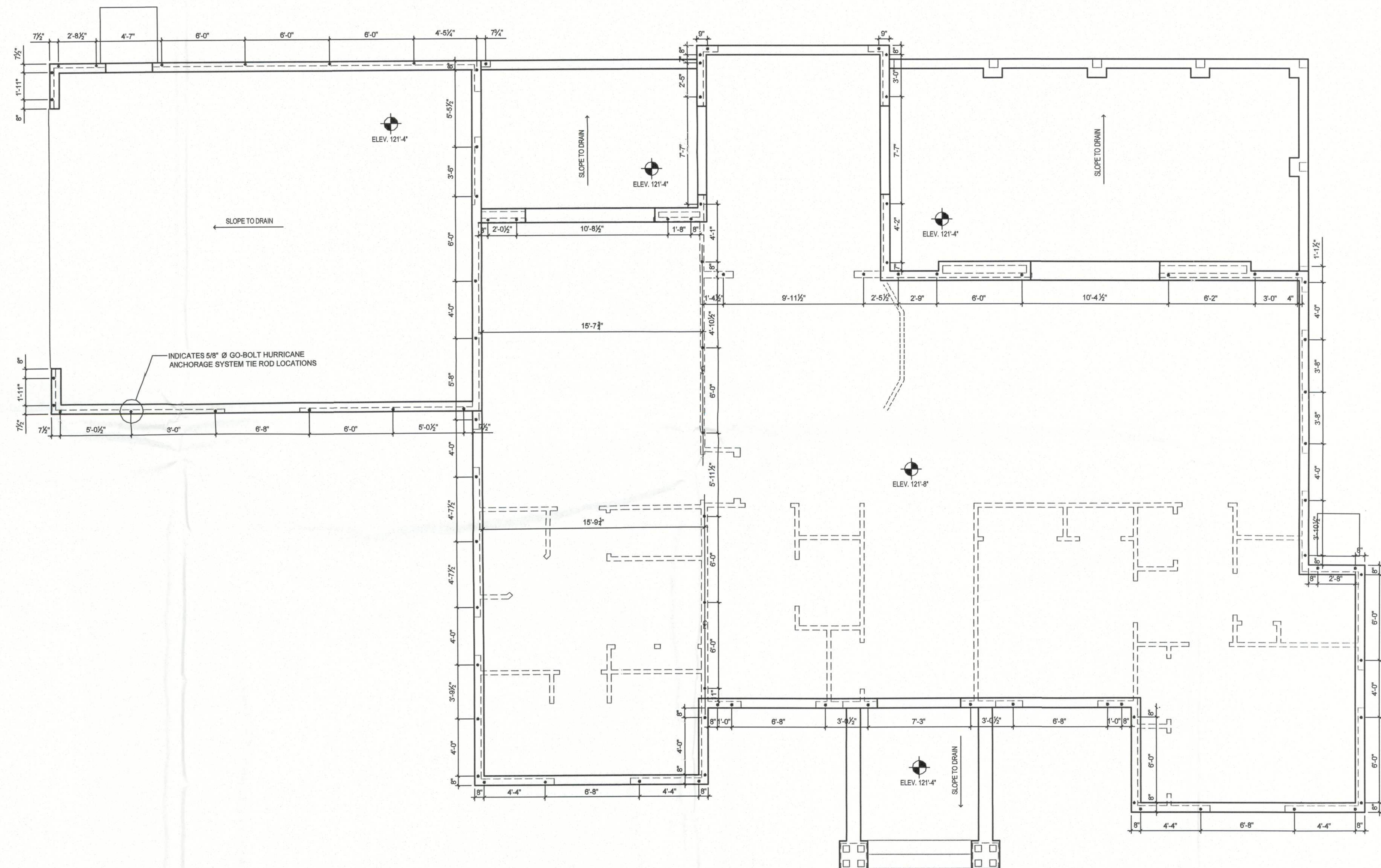
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ANITA AND JERRY WEST
463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER
S2.1
PROJECT NO. 131006



FOUNDATION PLAN

TYPICAL NOTES:
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ALL INTERIOR PARTITIONS ARE 2x4 STUDS UNLESS OTHERWISE NOTED. DIMENSION STRINGS BALANCE WITH 3 1/2" STUD DIMENSIONS. STANDARD STUD DIMENSIONS ARE OMITTED FOR CLARITY. ALL NON-STANDARD PARTITION WIDTHS ARE DIMENSIONED ON THE PLANS.



SLAB PLAN SHOWING GO-BOLT LOCATIONS

SCALE: 1/4" = 1' 0"

DATE	REMARKS
12.13.13	PERMIT SET



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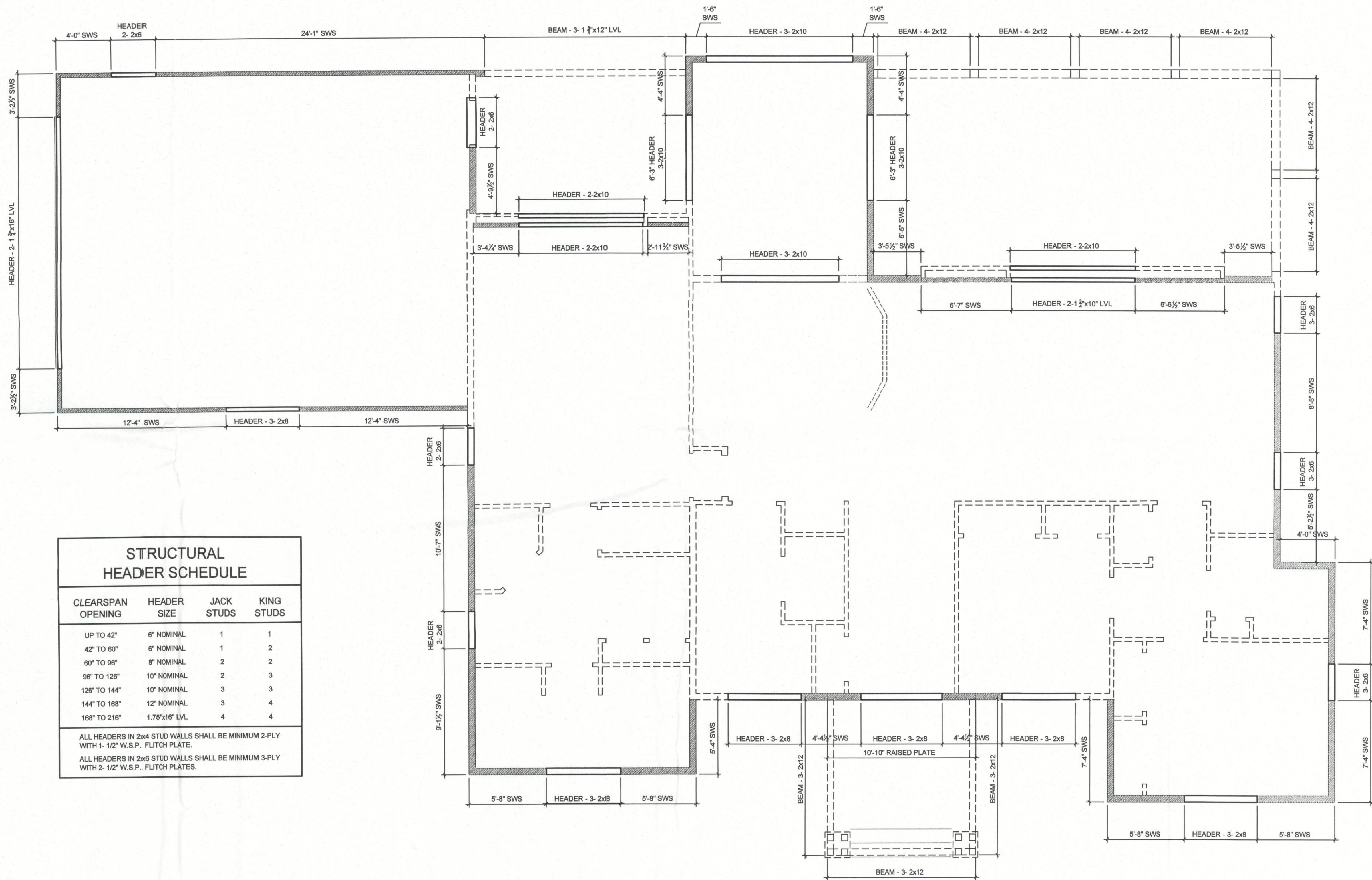
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463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER

S2.2

PROJECT NO. 131006

TYPICAL NOTES:
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ALL INTERIOR PARTITIONS ARE 2x4 STUDS UNLESS OTHERWISE NOTED. DIMENSION STRINGS BALANCE WITH 3 1/4" STUD DIMENSIONS. STANDARD STUD DIMENSIONS ARE OMITTED FOR CLARITY. ALL NON-STANDARD PARTITION WIDTHS ARE DIMENSIONED ON THE PLANS.



STRUCTURAL HEADER SCHEDULE			
CLEARSPAN OPENING	HEADER SIZE	JACK STUDS	KING STUDS
UP TO 42"	6" NOMINAL	1	1
42" TO 60"	6" NOMINAL	1	2
60" TO 96"	8" NOMINAL	2	2
96" TO 126"	10" NOMINAL	2	3
126" TO 144"	10" NOMINAL	3	3
144" TO 168"	12" NOMINAL	3	4
168" TO 216"	1.75"x16" LVL	4	4
ALL HEADERS IN 2x4 STUD WALLS SHALL BE MINIMUM 2-PLY WITH 1- 1/2" W.S.P. FLITCH PLATE.			
ALL HEADERS IN 2x6 STUD WALLS SHALL BE MINIMUM 3-PLY WITH 2- 1/2" W.S.P. FLITCH PLATES.			

BEAMS, HEADERS AND SHEARWALL PLAN

SCALE: 1/4" = 1' 0"

DATE	REMARKS
12.13.13	PERMIT SET



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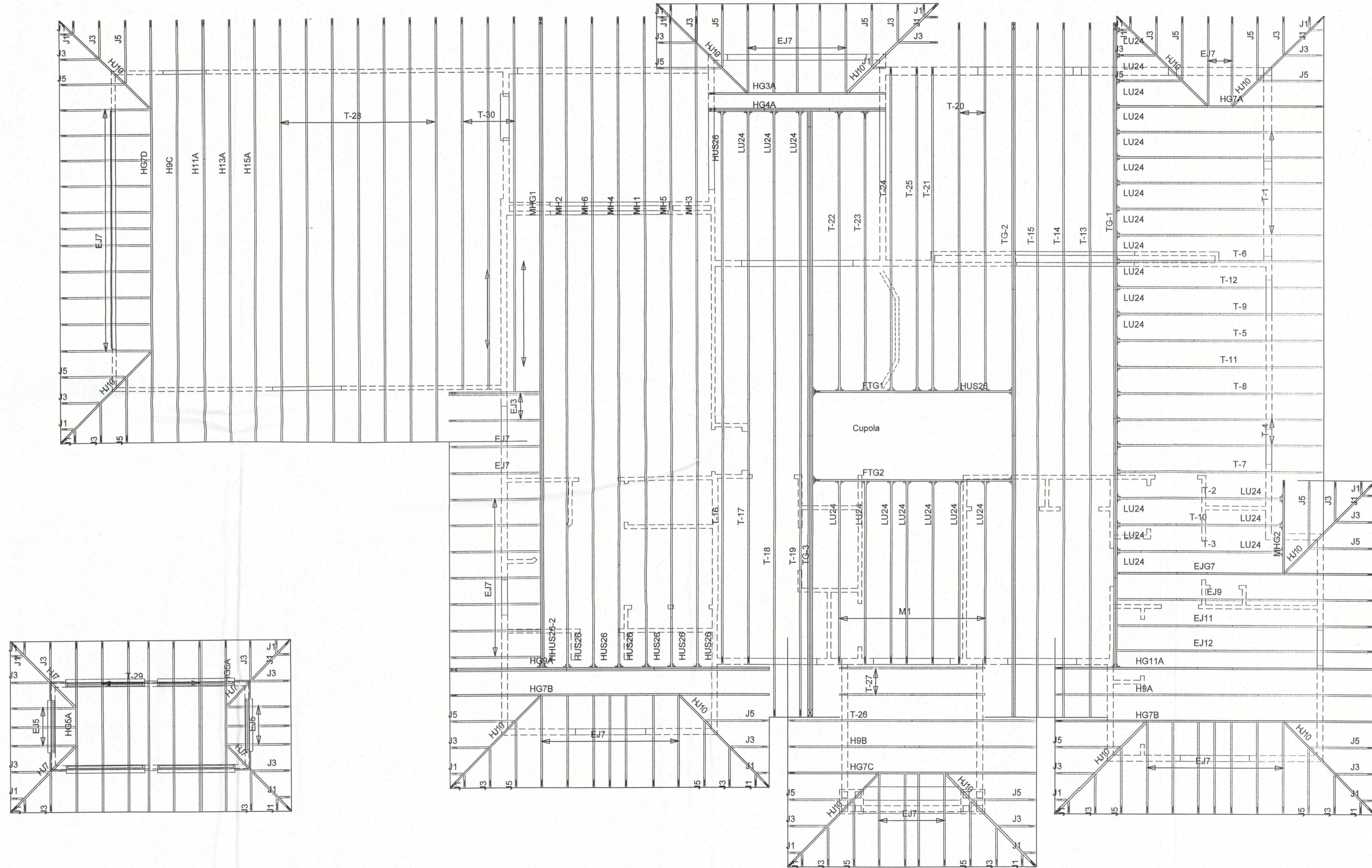
**PROPOSED RESIDENCE
ANITA AND JERRY WEST**
463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER

S2.3

PROJECT NO. 131006

TYPICAL NOTES:
ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
ALL INTERIOR PARTITIONS ARE 2x4 STUDS UNLESS OTHERWISE NOTED. DIMENSION STRINGS BALANCE WITH 3 1/4" STUD DIMENSIONS. STANDARD STUD DIMENSIONS ARE OMITTED FOR CLARITY. ALL NON-STANDARD PARTITION WIDTHS ARE DIMENSIONED ON THE PLANS.



CUPOLA ROOF FRAMING PLAN

SCALE: 1/4" = 1' 0"

MAIN ROOF FRAMING PLAN

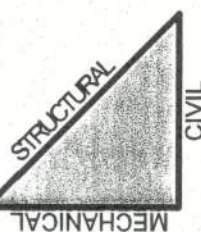
SCALE: 1/4" = 1' 0"

DATE	REMARKS
12.13.13	PERMIT SET



RIDDLE CONSULTING ENGINEERS, INC.

1720 SE COUNTY HWY. 484
BELLVIEW, FL 34420
Phone (852) 245-7041
Fax (852) 245-5488



LICENSED PROFESSIONAL ENGINEER

PLANS PREPARED BY AND UNDER THE
DIRECT SUPERVISION OF
RIDDLE CONSULTING ENGINEERS, INC.
AND PAUL D. RIDDLE, P.E.

PETER WOODS, RESIDENTIAL DESIGNER
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PROPOSED RESIDENCE
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463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER

S2.4

PROJECT NO. 131006

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12.13.13	PERMIT SET



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MECHANICAL
CIVIL
STRUCTURAL

LICENSED PROFESSIONAL ENGINEER

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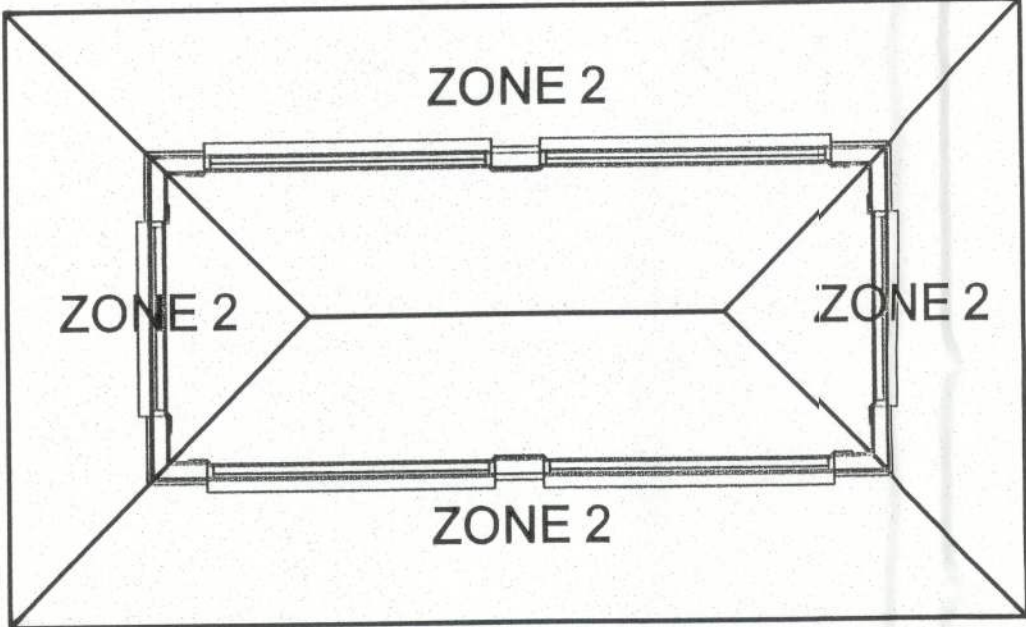
PROPOSED RESIDENCE
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463 LAKE HARRIS DRIVE, LAKE CITY, FL
PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER

S2.5

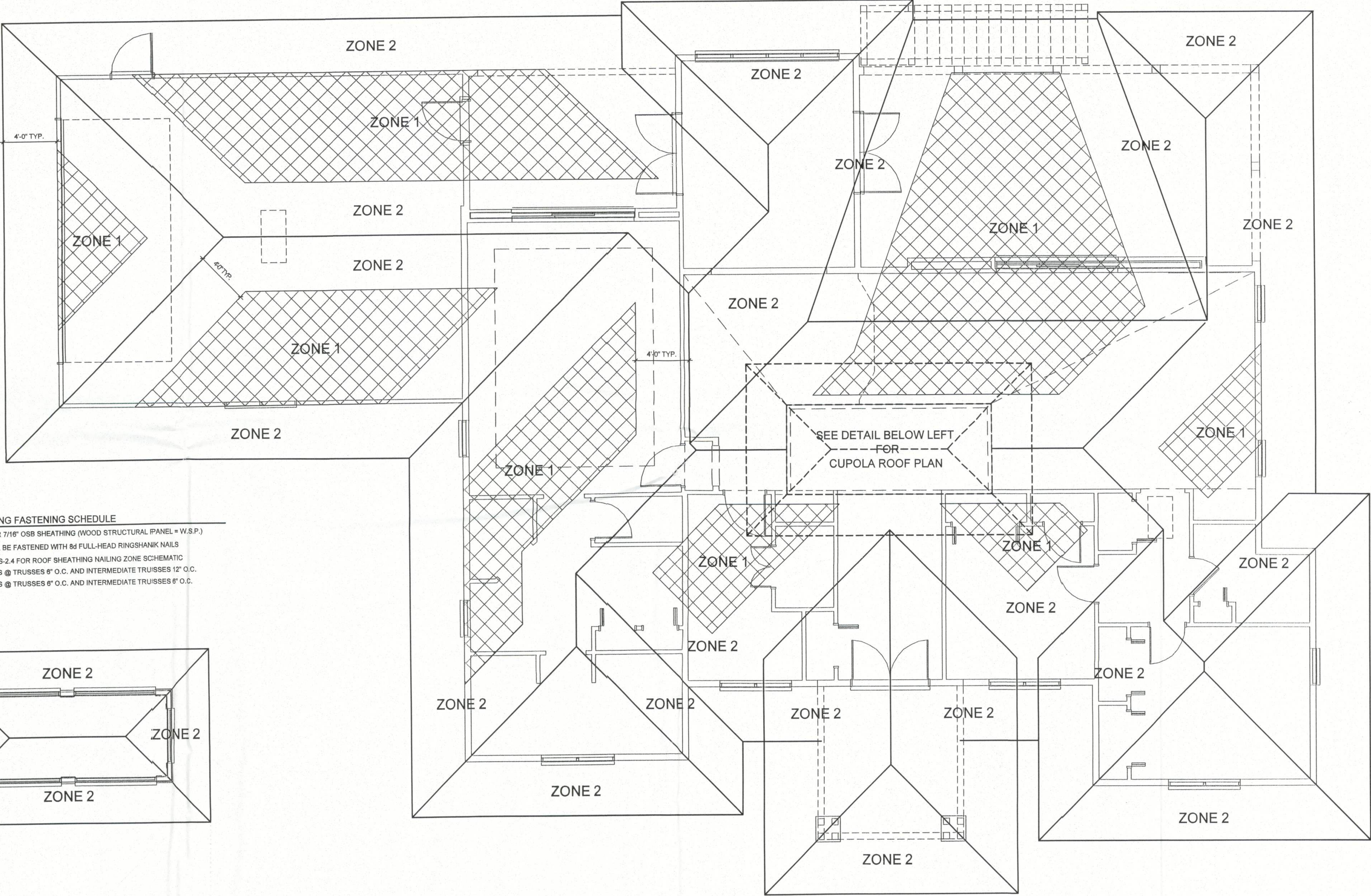
PROJECT NO. 131006

- ROOF SHEATHING FASTENING SCHEDULE**
- USE 15/32" CDX OR 7/16" OSB SHEATHING (WOOD STRUCTURAL PANEL = W.S.P.)
 - SHEATHING SHALL BE FASTENED WITH 8d FULL-HEAD RINGSHANK NAILS
 - REFER TO SHEET S-2.4 FOR ROOF SHEATHING NAILING ZONE SCHEMATIC
- ZONE 1 EDGES @ TRUSSES 8" O.C. AND INTERMEDIATE TRUSSES 12" O.C.
ZONE 2 EDGES @ TRUSSES 8" O.C. AND INTERMEDIATE TRUSSES 8" O.C.



CUPOLA ROOF DECKING NAILING ZONES

SCALE: 1/4" = 1' 0"



MAIN ROOF DECKING NAILING ZONES

SCALE: 1/4" = 1' 0"

DATE	REMARKS
12.13.13	PERMIT SET



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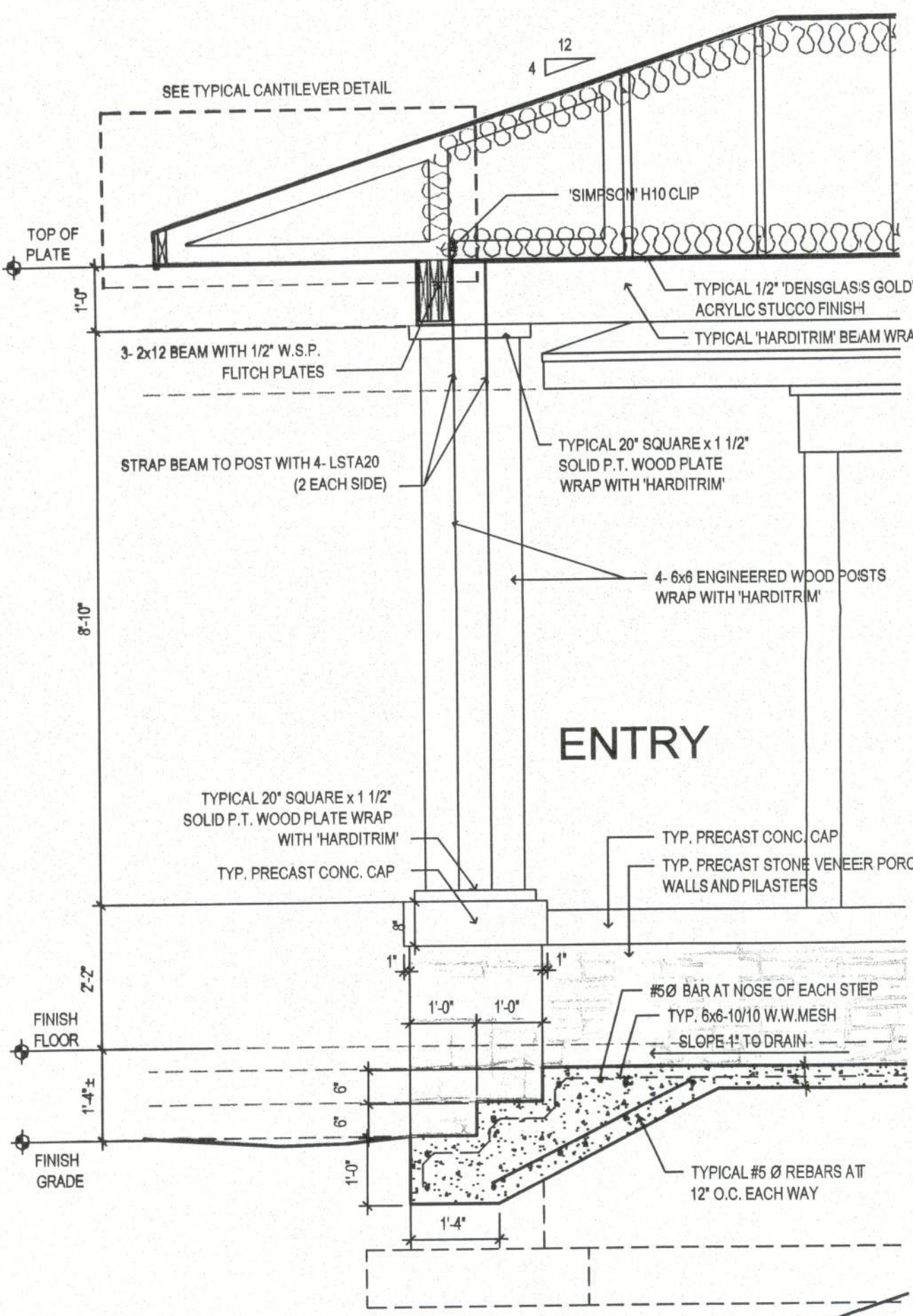
PLANS PREPARED BY AND UNDER THE
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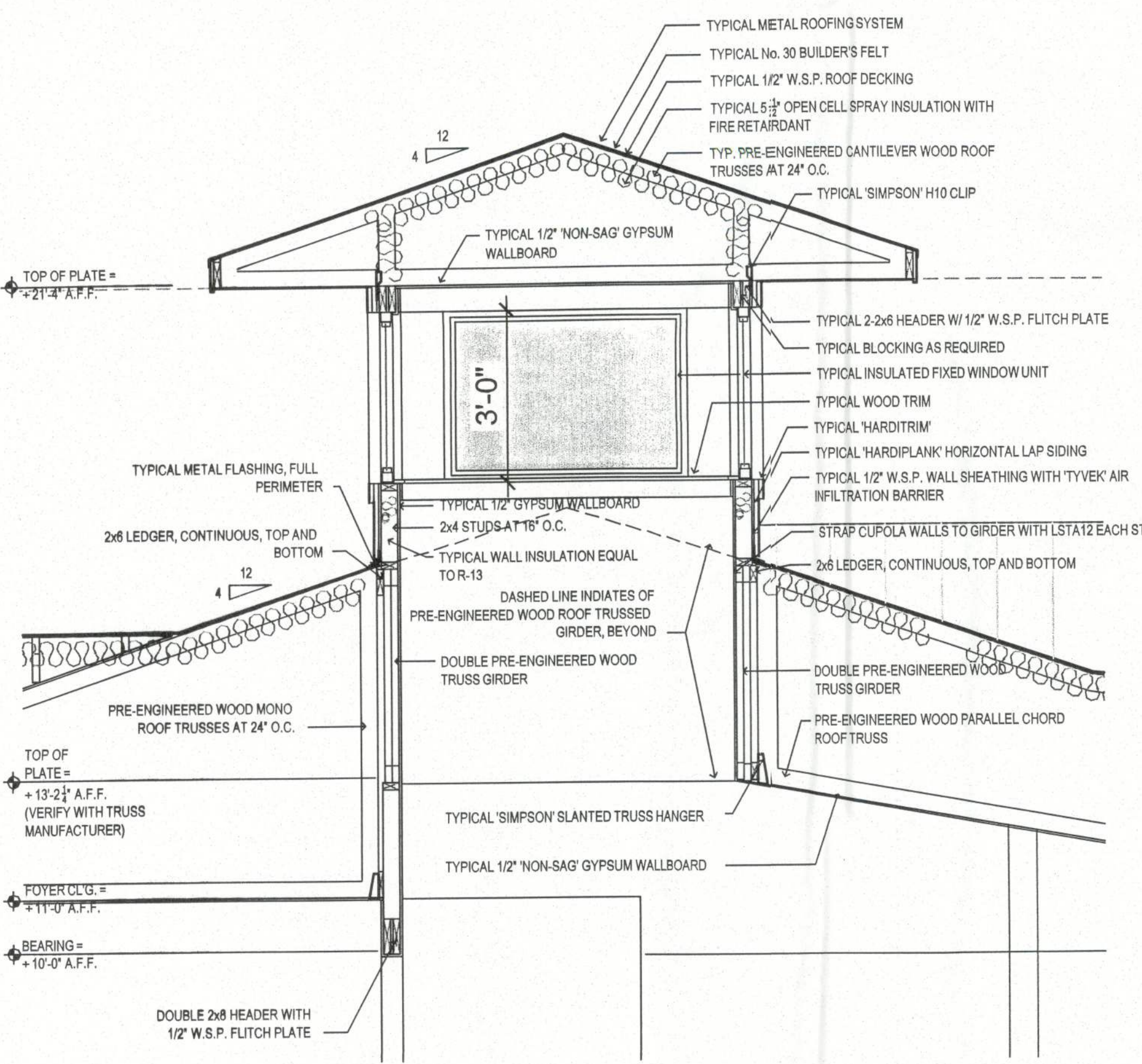
PROPOSED RESIDENCE
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 463 LAKE HARRIS DRIVE, LAKE CITY, FL
 PARCEL NUMBER 26-3S-16-02307-005

SHEET NUMBER
S3.1
 PROJECT NO. 131006

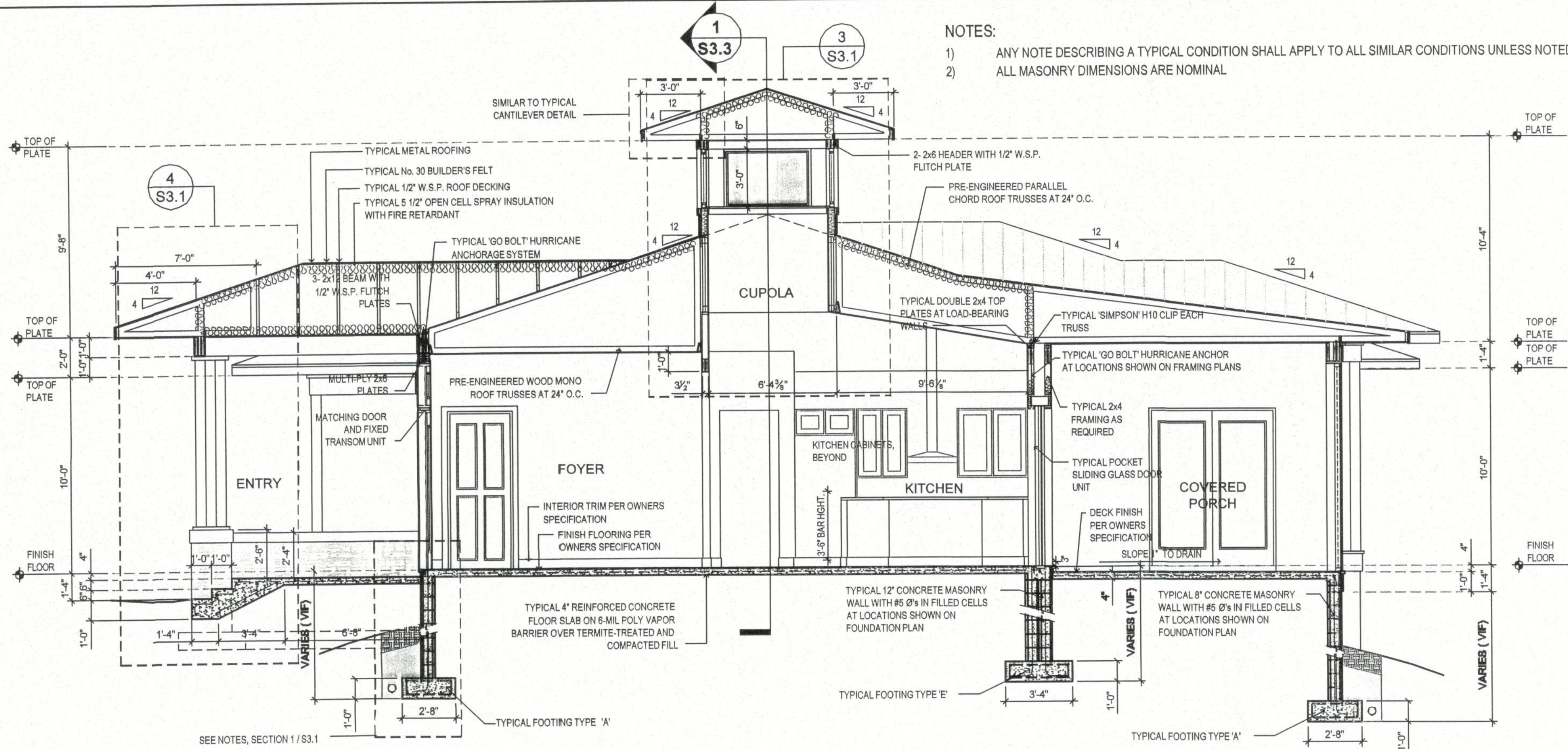
- NOTES:
 1) ANY NOTE DESCRIBING A TYPICAL CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.
 2) ALL MASONRY DIMENSIONS ARE NOMINAL



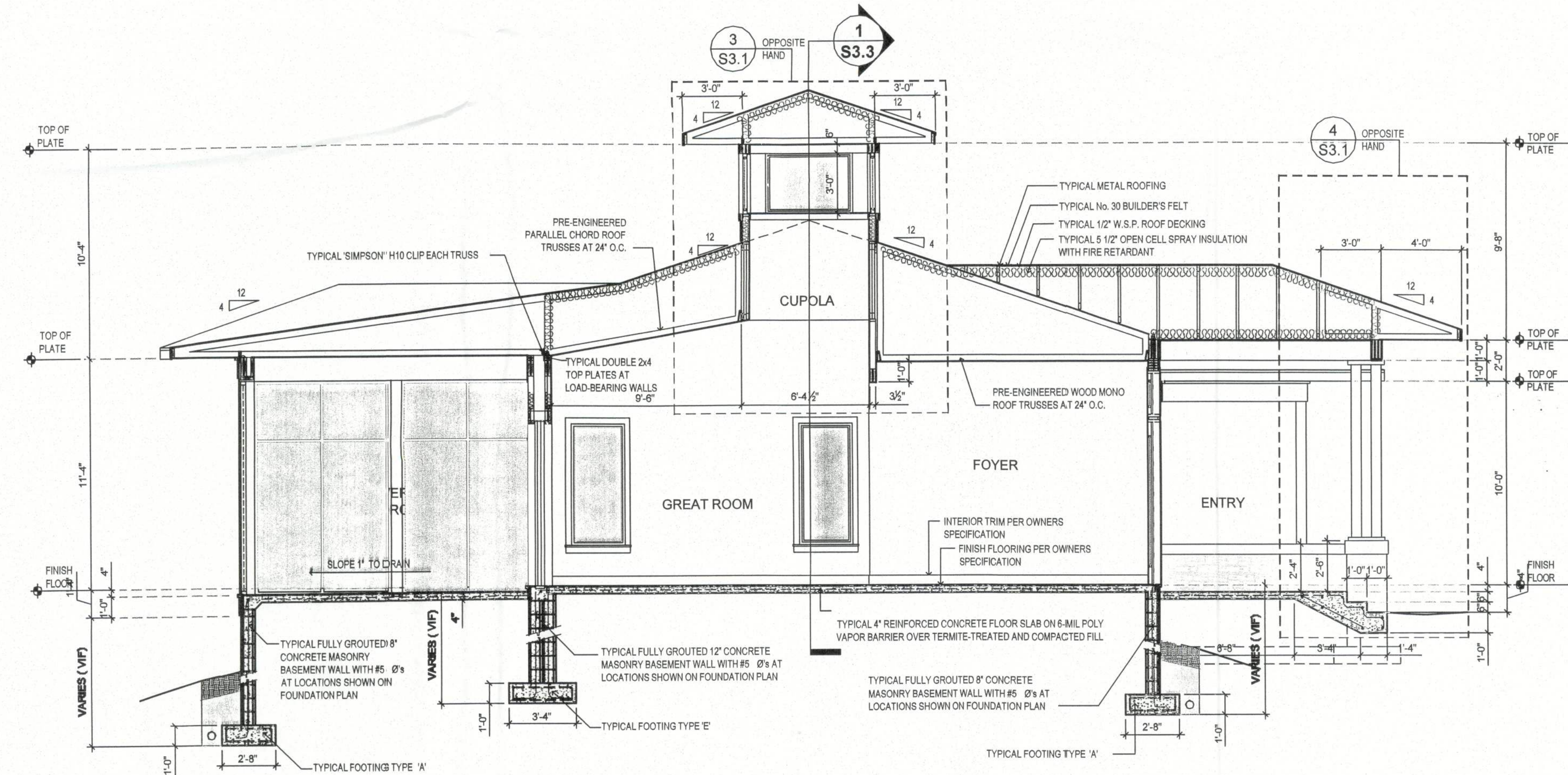
4
S3.1 SECTION AT ENTRY
 SCALE: 1/2" = 1' 0"



3
S3.1 SECTION AT CUPOLA
 SCALE: 1/2" = 1' 0"



2
S3.1 FULL BUILDING SECTION
 SCALE: 1/4" = 1' 0"



1
S3.1 FULL BUILDING SECTION
 SCALE: 1/4" = 1' 0"

DATE	REMARKS
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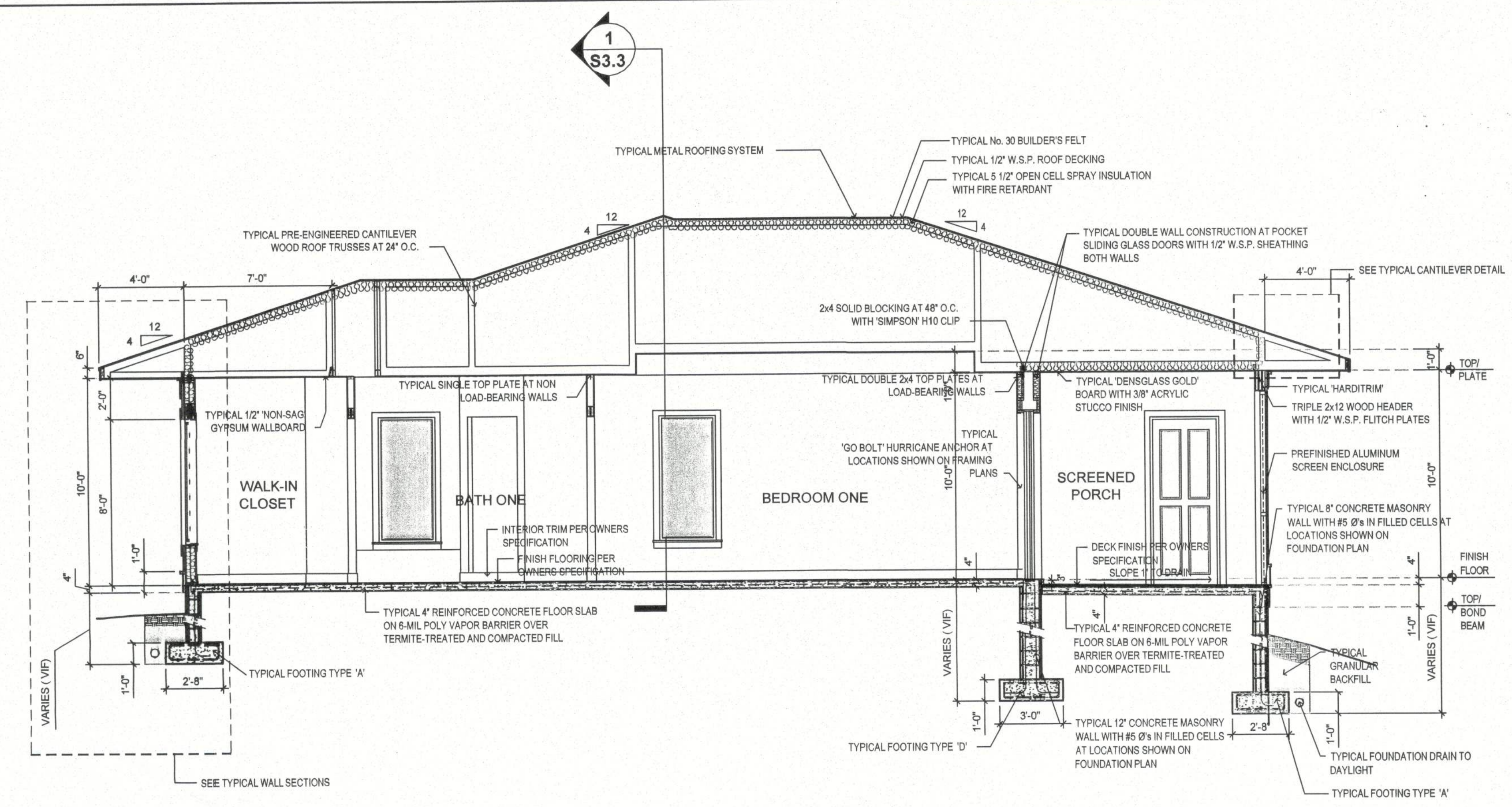
PAUL D. RIDDLE, P.E.
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**PROPOSED RESIDENCE
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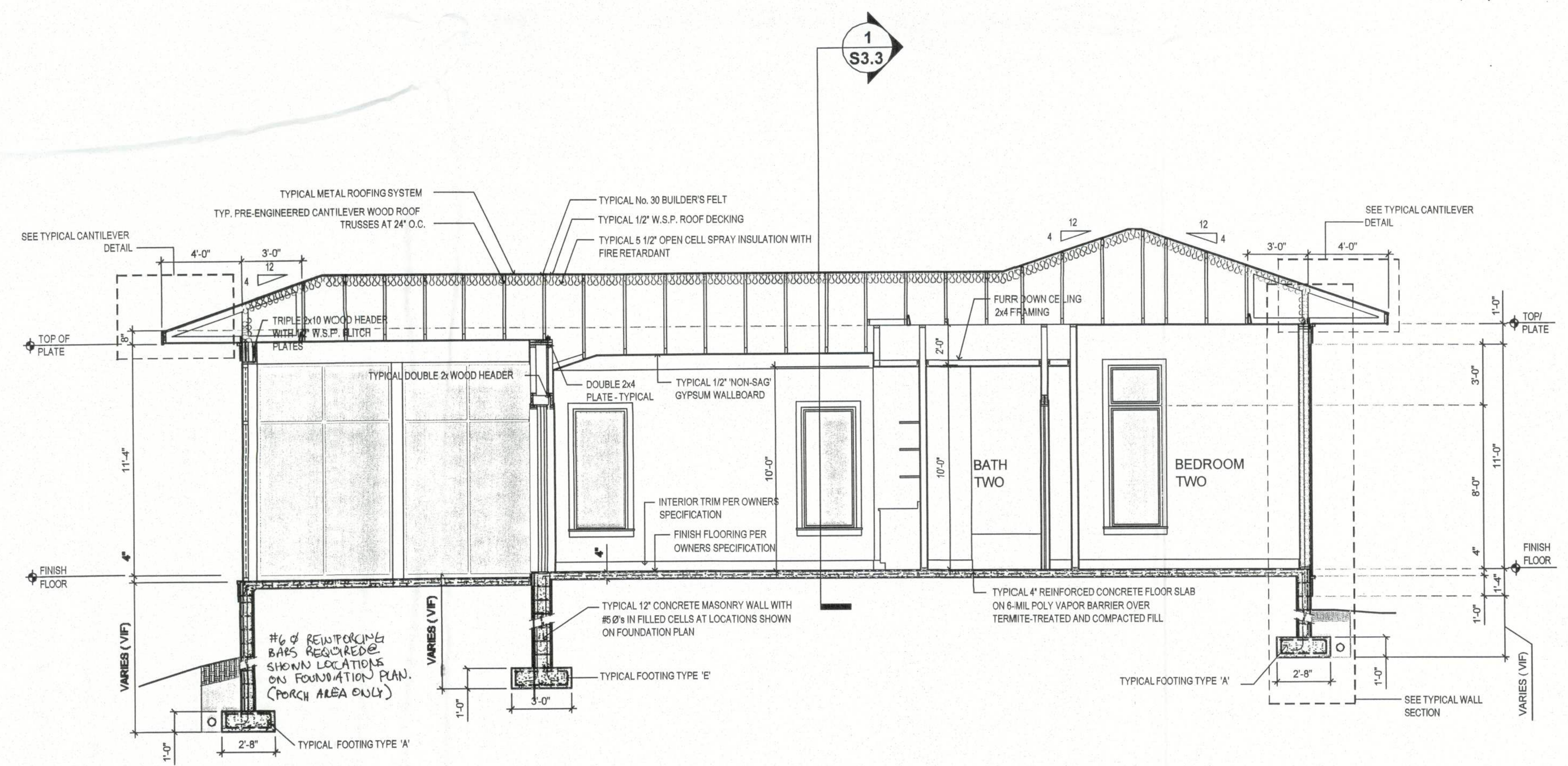
SHEET NUMBER
S3.2
PROJECT NO. 131006



TYPICAL STEPPED FOOTING REINFORCING:
PROVIDE CONTINUOUS LONGITUDINAL REINFORCING THROUGHOUT LENGTH OF FOOTING, INCLUDING VERTICAL STEPS. USE BENT BARS AT EACH CHANGE OF VERTICAL DIRECTION, CONTINUOUS FROM HIGHER TO LOWER HORIZONTAL BARS, AND MAINTAIN MINIMUM 25" BAR LAP AT ALL CONNECTIONS, BOTH TOP AND BOTTOM STEEL.

2 S3.2 FULL BUILDING SECTION

SCALE: 1/4" = 1' 0"



- NOTES:**
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 - 2) ALL MASONRY DIMENSIONS ARE NOMINAL

1 S3.2 FULL BUILDING SECTION

SCALE: 1/4" = 1' 0"

DATE	REMARKS
12.13.13	PERMIT SET



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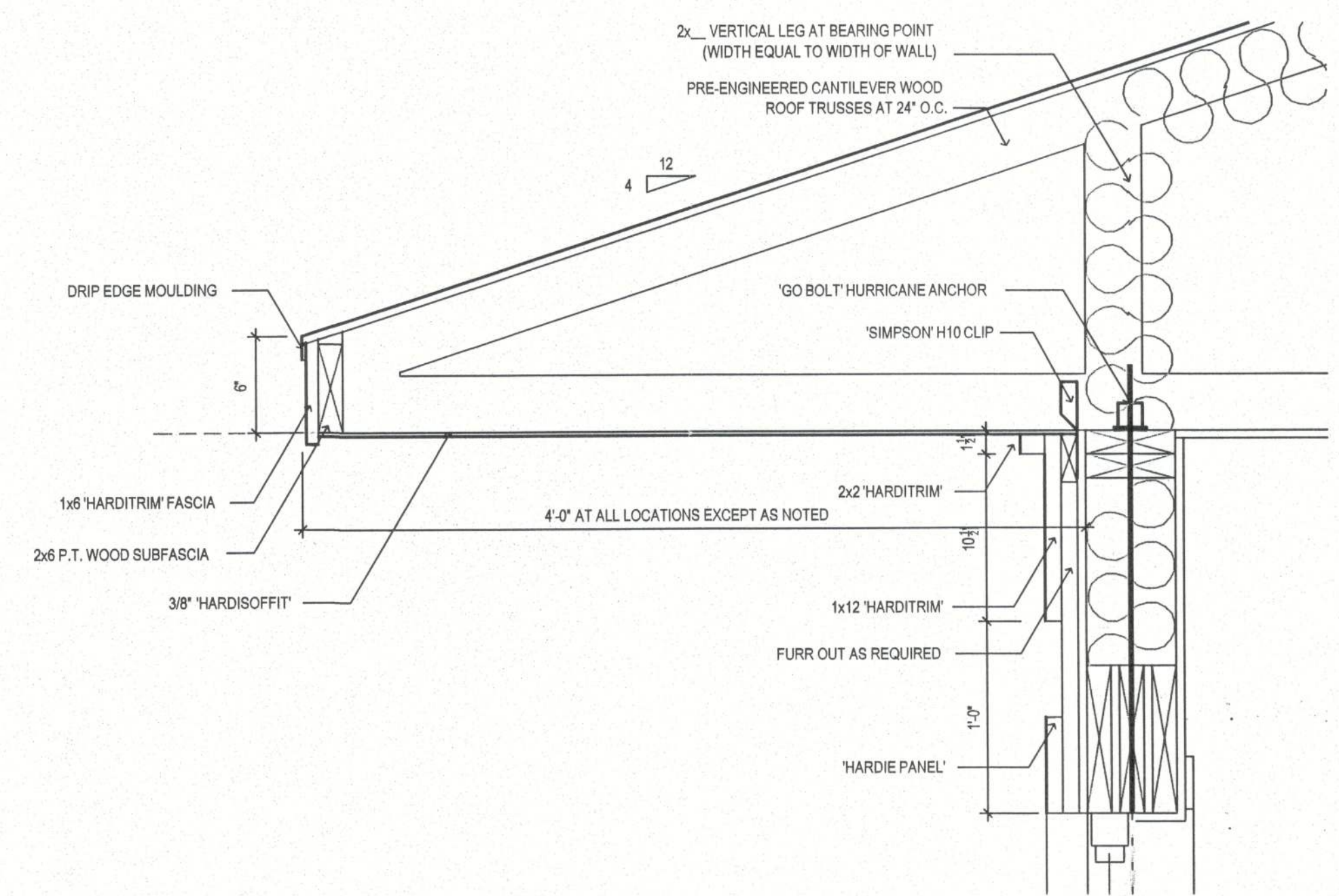
MECHANICAL

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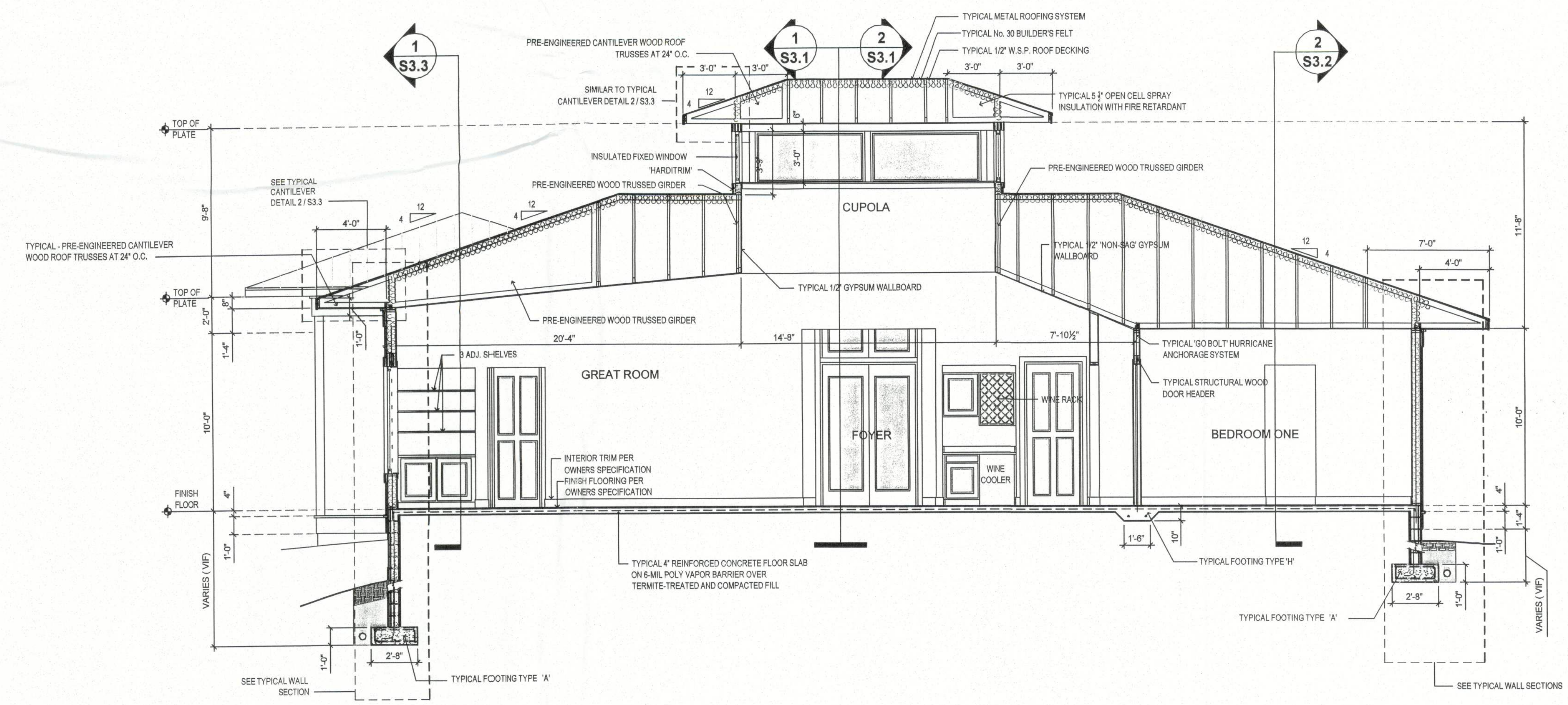
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SHEET NUMBER
S3.3
PROJECT NO. 131006



2 S3.3 TYPICAL CANTILEVER TRUSS AND SOFFIT DETAIL
SCALE: 1 1/2" = 1' 0"

- NOTES:
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1 S3.3 FULL BUILDING SECTION
SCALE: 1/4" = 1' 0"