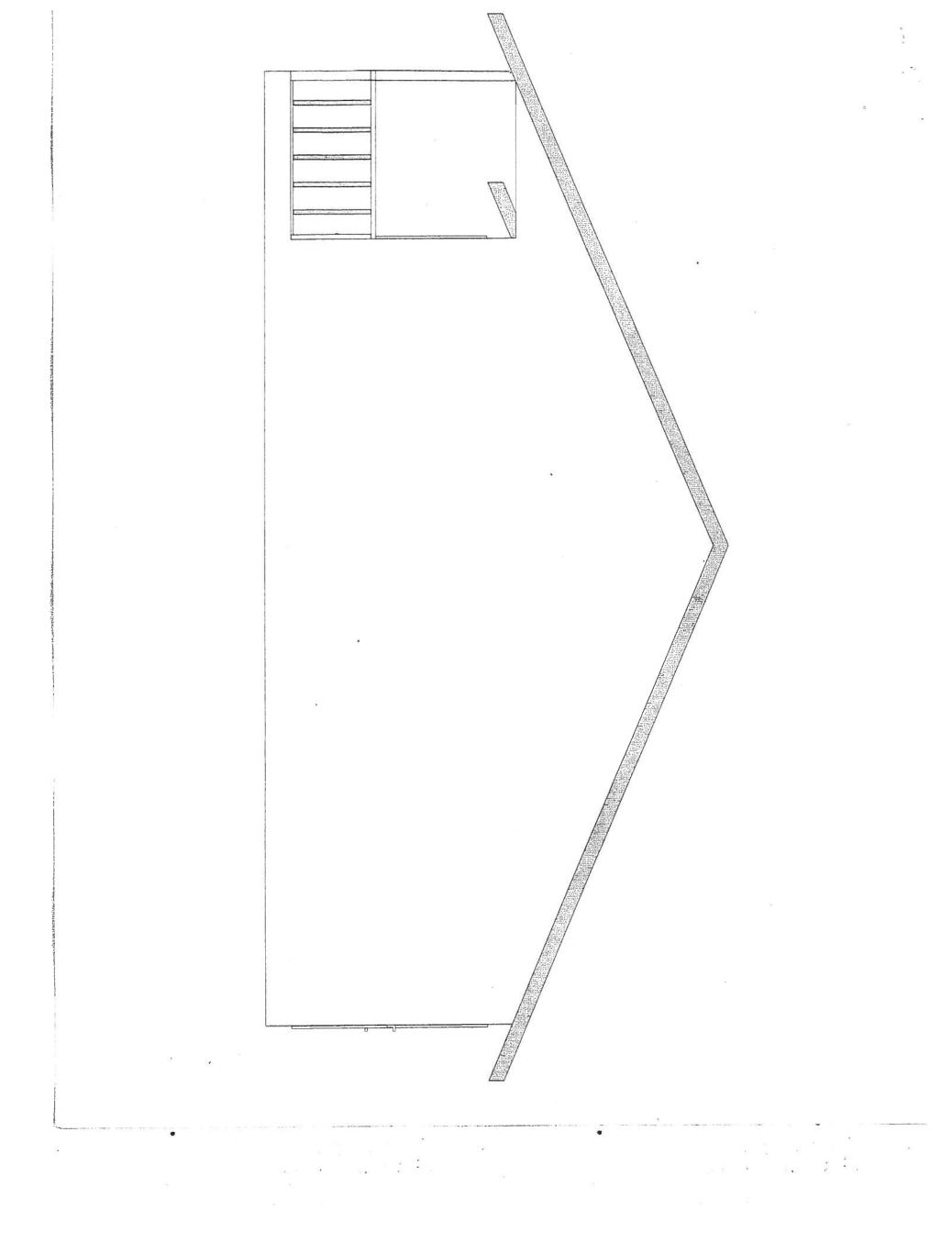
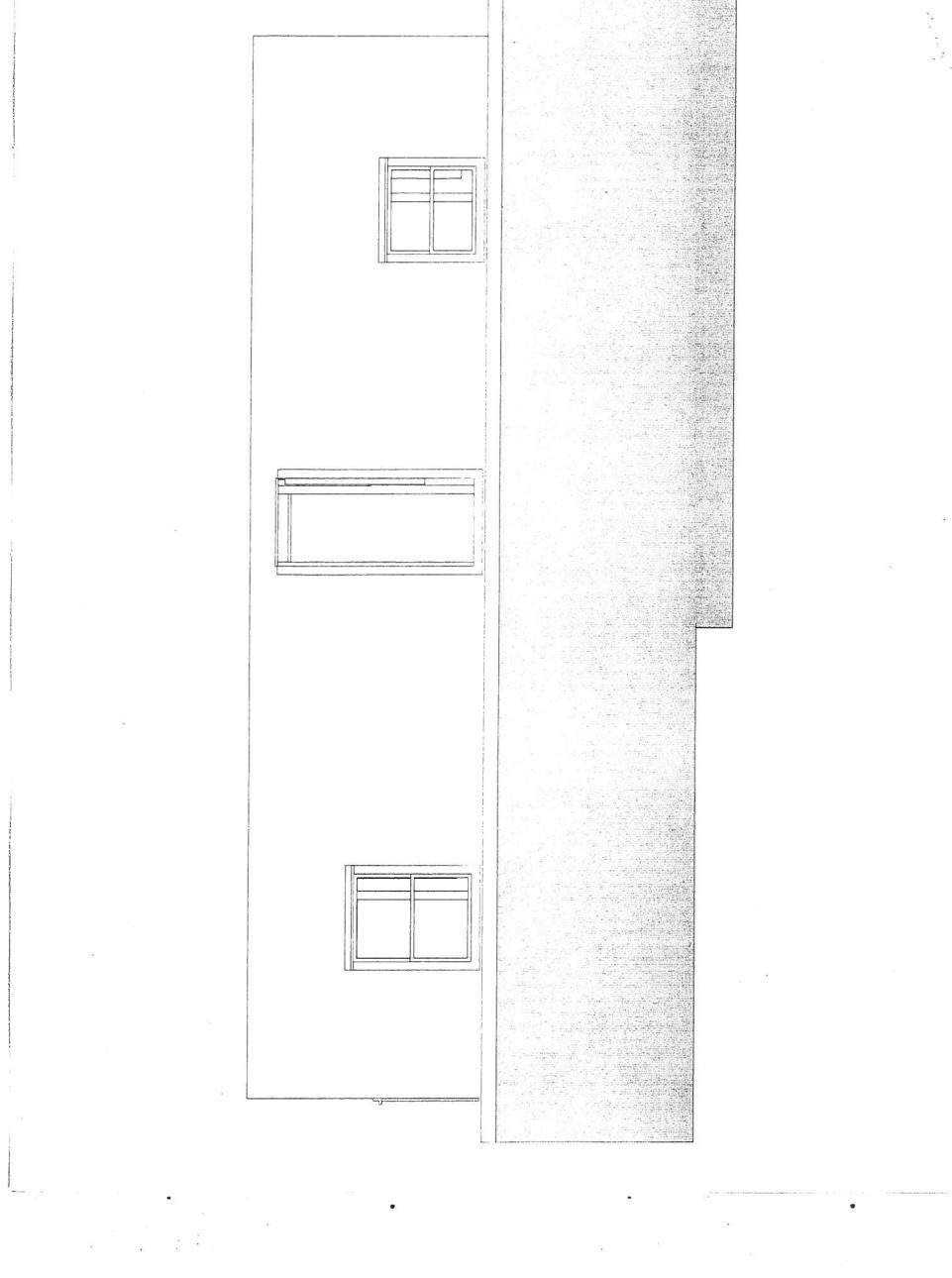
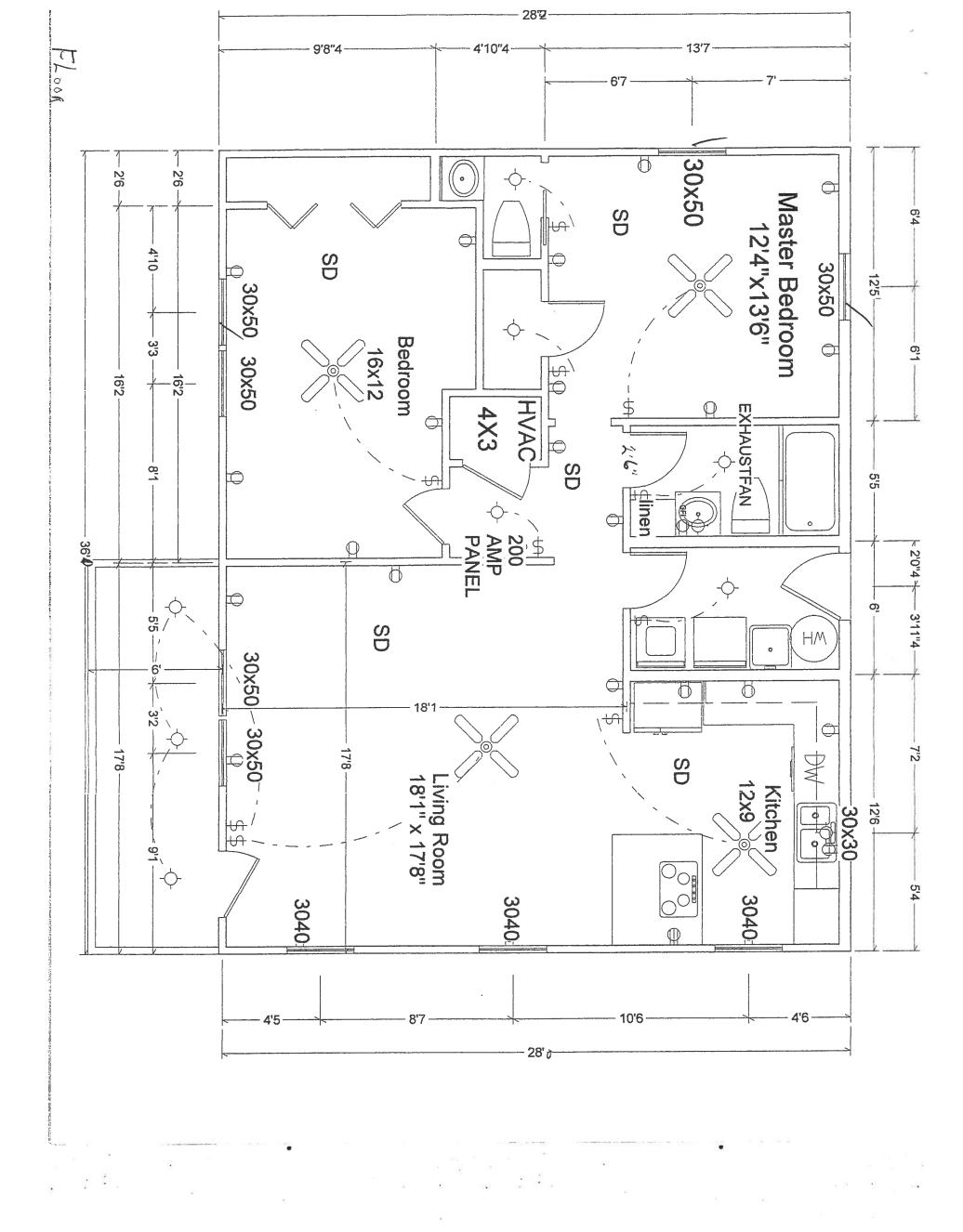
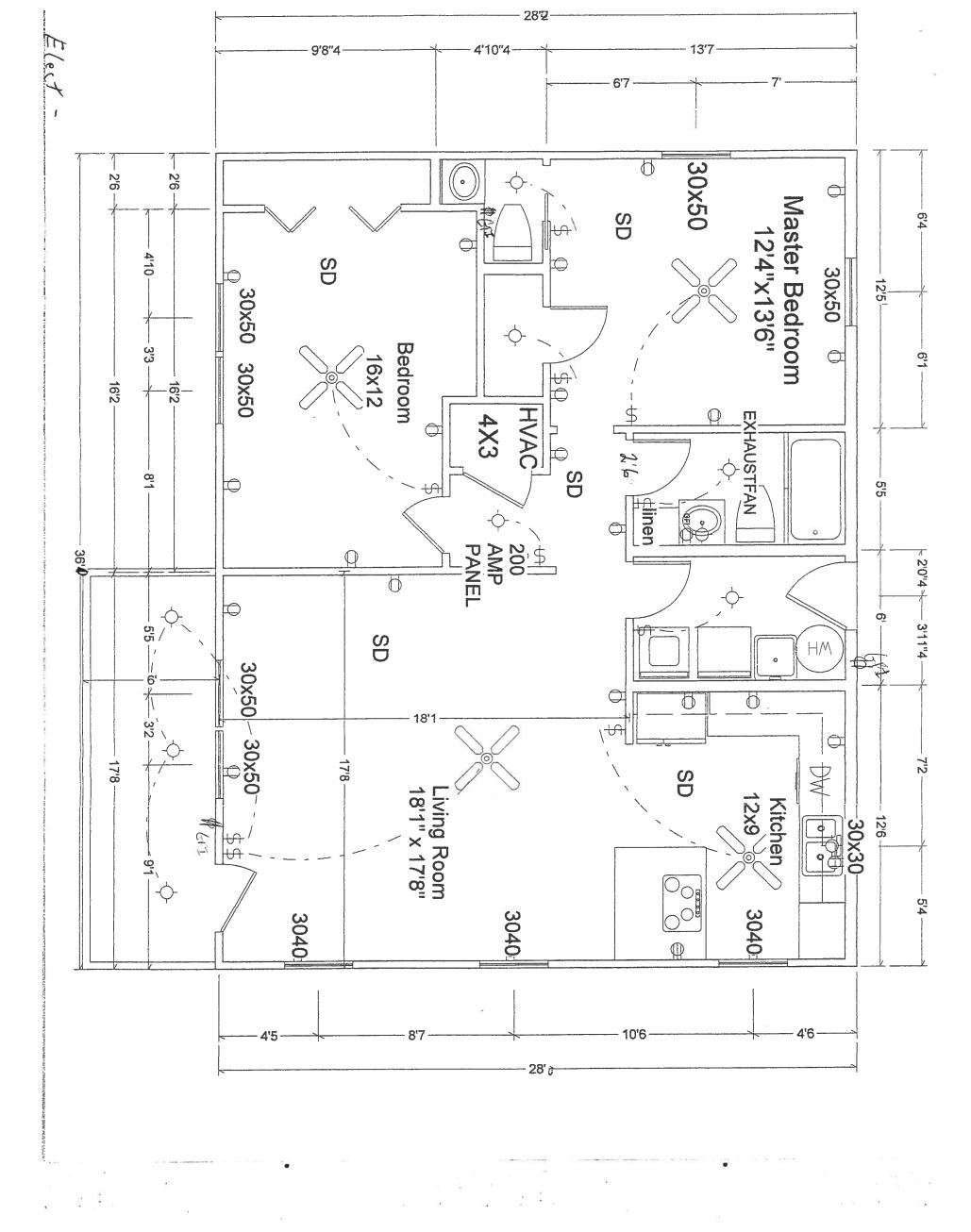


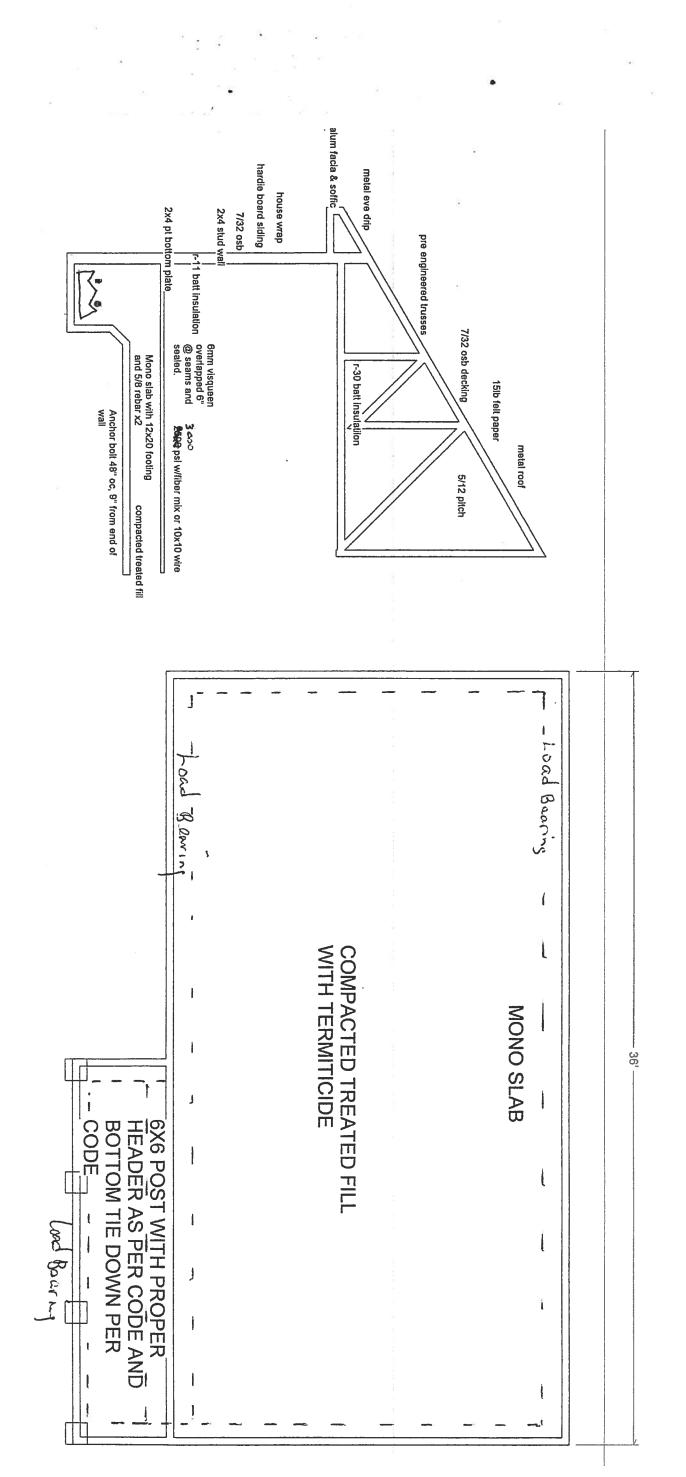
וט

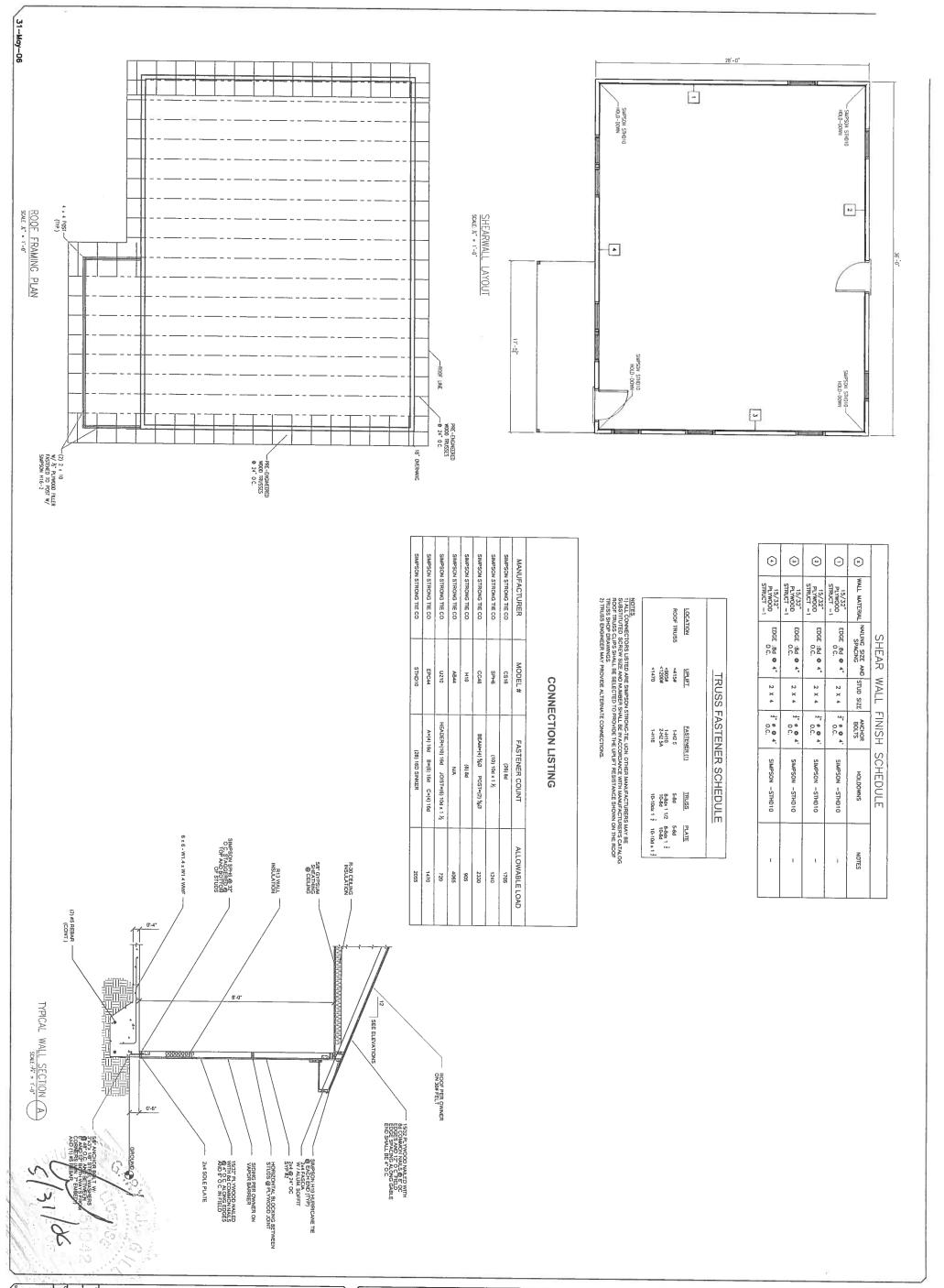












S—1

BUILDING DRAWINGS

CODY AND HOLLY BANNER
NEW RESIDENCE
COLUMBIA COUNTY



	REV#	DATE	REVISION NOTES
et	_		_
		-	
•			
	l 1		

GROUND

FOUNDATION PLAN

28'-0"

NOTE: SEALANT MATERIAL SHALL BE A FIELD MOLDED SEALANT OF ONE (1) OF
THE FOLLOWING TYPES:

1) HOT APPLIED THERMOPLASTIC ASPHALT—RUBBER COMPOUNDS MEETING ASTM 1190.

2) HOT POURED ELASTOMERTIC TYPE SEALANTS MEETING ASTM D3406 OR

3) COLD APPLIED, MASTIC SINGLE OR MULTIPLE COMPONENT SEALANTS MEETING ASTM D1850.

CONTROL JOINT (C.J.) & JOINT SEALER RESERVOIR

5/21/06

D. PRICE

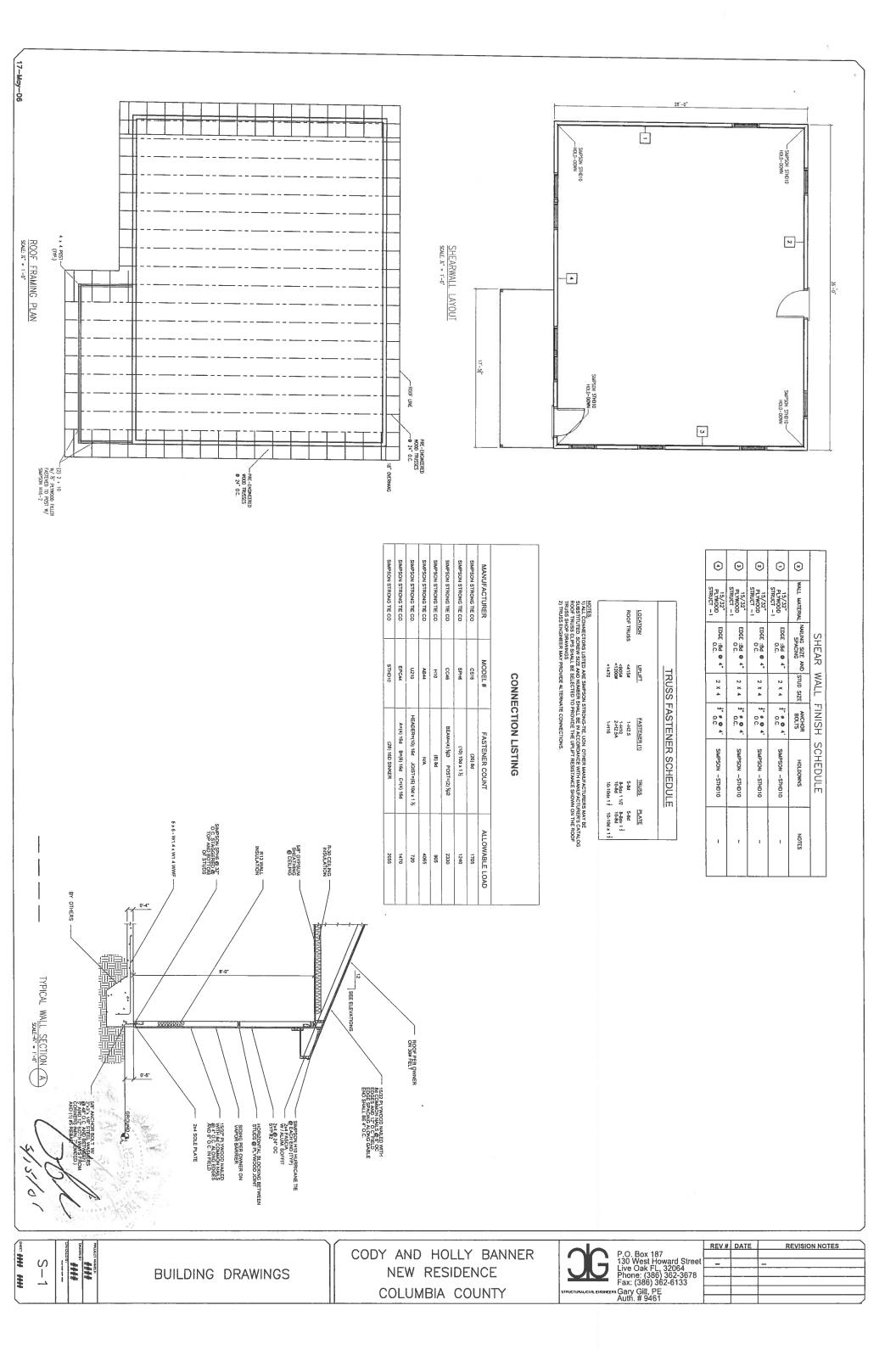
FOUNDATION PLAN

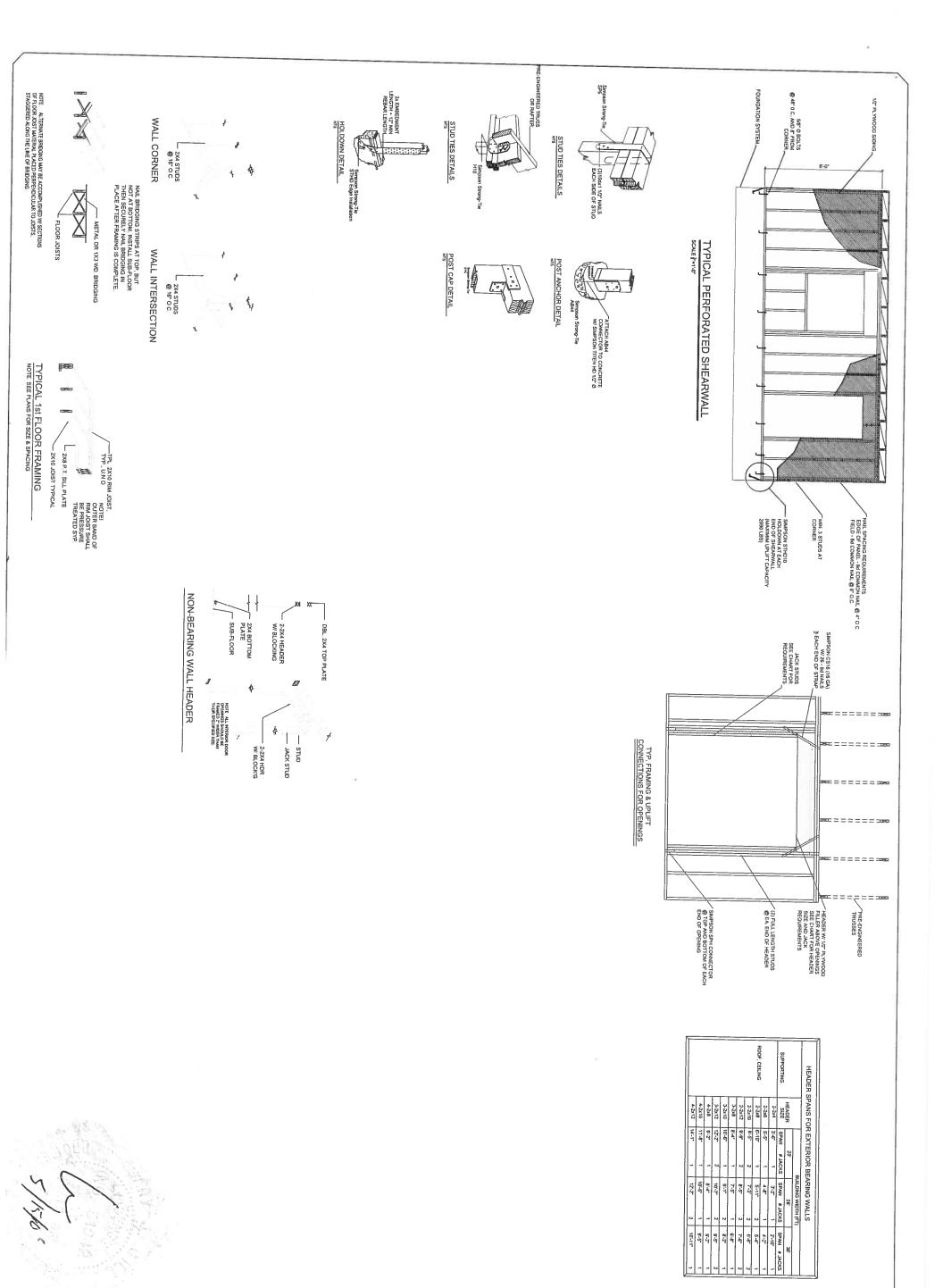
CODY AND HOLLY BANNER
NEW RESIDENCE
COLUMBIA COUNTY

P.O. Box 187
130 West Howard Street
Live Oak FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Fax: (386) 762-6133
Fax: (386) 762-6133

REV# DATE REVISION NOTES

05-30-06 ISSUED FOR
- CONSTRUCTION





PF06-078
PF06-078
D. PRICE
GEOLUM GG
SEET MARKET

WALL AND FLOOR DETAILS

CODY AND HOLLY BANNER
NEW RESIDENCE
COLUMBIA COUNTY, FLORIDA



REV#	DATE	REVISION NOTES
	04-24-0	ISSUED FOR CONSTRUCTION
-		

CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACEMENT OF CONCRETE. UNLESS OTHERWISE NOTED ON THE DRAWINGS MINIMUM COVER FOR REINFORCING SHALL BE AS FOLLOWS: FOOTINGS FOOTINGS FOOTINGS FOOTINGS GRADE BEAMS COLUMNS AND PEDESTALS (OVER VERTICAL REINF) SLASS AND WALLS (CHOSED TO EARTH, LIDUID OR WEATHER). Z SLASS AND WALLS (NOT EXPOSED TO EARTH, LIDUID OR WEATHER). Z CANOPY SLASS ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN GENERAL NOTES SOIL BEARING (DESIGN MAXIMUM). STRUCTURAL STEEL (DESIGN PER CURRENT EDITION AISC), UNLESS OTHERWISE NOTED MATERIALS SHALL BE AS FOLLOWS CONCRETE MASONRY (DESIGN PER CURRENT EDITION ACI 530) COMPRESSIVE STRENGTH. ALL WELDED WIRE FABRIC ASTM A185 CONCRETE (DESIGN PER CURRENT EDITION ACI 318) SLAB ON GRADE ALL REINFORCING STEEL ASTM A615 GRADE 60 10 sf 25 sf TRIBUTARY TRIBUTARY THIS BUILDING IS NOT LOCATED IN THE WIND BORNE DEBRIS REGION. IMPACT RESISTANT GLAZING IS NOT REQUIRED. LIVE LOADS: ROOFS AND CANOPIES: DESIGN PER 2004 FLORIDA BUILDING CODE UNLESS OTHERWISE NOTED DESIGN CRITERIA W-SHAPES. OTHER SHAPES & PLATES HSS SOUARE & RECTANGULAR SHAPES HSS ROUND SHAPES STEEL PIPES HIGH-STRENGTH BOLTS ANCHOR RODS WELDED STUDS DEFORMED BARS PAINT & PROTECTION ALL OTHER CONCRETE. AREA ENCLOSURE CLASSIFICATION INTERNAL PRESSURE COEFFICIE DIRECTIONALITY FACTOR (Kd). SHAPE FACTORS BASIC WIND SPEED (ASCE 7) MEAN ROOF HEIGHT WIND IMPORTANCE FACTOR (CATEGORY II)... BALCONIES (DEAD LOAD) RODES BROOF DENINGS AVERIOR ZONE (> 6.3 h FROM BLOG CORNER) (< 6.3 h -2.17719 92 -2.10719 19 (LINEARLY INTERPOLATE BETWEEN STATED VALUES) WALLS & WALL DEFENDED WITHOUT DEFENDED OF S 3 IT FROM SLID. CORNER) -2.5 I (71.7) CLINEARLY INTERPOLATE BETWEEN STATED VALUES) OEFFICIENT..... 0 TO 200 SF 201 TO 600 SF OVER 600 SF ASTM A50 GRADE B, Fy= 46 KSI ASTM A500 GRADE B, Fy= 42 KSI ASTM A500 GRADE B, Fy= 35 KSI ASTM A53 GRADE B, Fy= 35 KSI AWS A5 1 OR A5.5 SERIES E70 GRADE 36 ASTM A325 GRADE 36 ASTM F1554 ASTM A108 ASTM A496 SSPC PAINT 25 FC= 4000 PSI 2" FROM TOP SEE TYPICAL DETAIL FW= 1500 PS/ FC= 3000 PSI END ZONE (< 6.3 ft FROM BLDG.) -25.46 / 19.92 -23.99 / 19.19 END ZONE (< 6.3 ft FROM BLDG, CORNER) -28 2 / 21,77 -26 55 / 20.51000PSF ...ENCLOSED .. PER CODE 110 MPH 1% CORNER

PECIFICATIONS

CONCRETE WORK SHALL COMPORM TO THE REQUIREMENTS OF ACI 301. "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (LATEST EDITION) EXCEPT AS MODIFIED BY REQUIREMENTS OF THE CONTRACT DOCUMENTS. ASSYRRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF "SPECIFICATIONS OR STRUCTURAL STEEL BUILDINGS", AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTIM AZES A AGO BOLTS", AISC "CODE OF STAWARD PRACTICE FOR STEEL BUILDINGS MOD BRIDGES", AND AWS IN "STRUCTURAL WELDING CODE", EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT OCUMENTS. CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS OR REQUESTED IN WRITING THE CONTRACTOR IS LIBBLE FOR ANY DEFAITIONS UNLESS RETUREDE AND ACKNOWN, EDGED BY THE ENGINEER SHOP DRAWINGS USBINITIALS SHALL DICKY BE CHECKED FOR COMPORIBANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS. GENERAL CONTRACTOR MUST REVIEW AND APPROVE SHOP DRAWINGS PRIDR TO SUBMITTAL TO ARCHITECT LENGINEER, SUBMITTALS WHICH DO NOT CONTAIN THE CONTRACTOR'S SHOP DRAWING STAMP OR HAVE BEEN MERELY "RUBBER STAMPED" SHALL BE RETURNED WITHOUT REVIEW ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER IN THE STATE OF THE PROJECT. EPORY GROUT SHALL BE POWER FAST CARTRIDGE SYSTEM BY RAWL, HY 150 CARTRIDGE SYSTEM BY HIJT: (HILT) RESO, IF HOLE IS CORED INSTEAD OF DRILLED) OR A PREPOYED EAVEL, UPON LEMEDINETY SHALL BY THE ADDIMETTERS MINIMAN, UGN, HOLES SHALL BE IN LAGGER THAN RELAR SLEED, EAD IV, LAGGER THAN HARD-DED ROD SIZE HOLE SHALL BE RRUSHED OUT WITH BOTTLE BRUSH AND THEN BLOWN OUT WITH AR USING A COMPRESSOR WITH A FUNCTIONAL OIL TRAP INSTALLATION SHALL BE IN ACCORDANCE WITH AR MANUFACTURERS PRINTED INSTRUCTIONS. EMBEDMENT FOR EXPANSION BOLTS SHALL BE 3 ½"0 MINIMUM FOR ½" BOLTS IN CONCRETE, 5 ½" IN GROUTED MASONRY. HILTI KWIK BOLT II OR EQUAL

SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS SLEEVES, ETC NOT SHOWN ON THE STRUCTURAL DRAWINGS. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY MECHANICAL, ELECTRICAL AND PLUMBING BOUPMENT SHALL BE VERIFIED WITH EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.

VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.

PROVIDE ALL TEMPORARY BRACING, SHORING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION THE STRUCTURE SHOULD NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED

SUPPLEMENTARY NOTES

TERMITE PROTECTION NOTES:

1 CONCRETE FOOTINGS AND SLABS
CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE
STRINGTHO STOD PSIF M2 DAYS.
STRINGTHO STEEL, SHALL CONFORM
TO ASTM ASIS GRADE 40.
PROVIDE A MINIMUM COVER OF 2" FOR REINFORCING
STEEL WHEN THE CONCRETE IS POSCED TO
LARTH OR WEATHER SHALL HAVE A MINIMUM COVER OF
1 10" MICHES

CONCRETE NOTES

A GEOTECHNICAL TESTING AND INSPECTION FIRM SHALL BE EMPLOYED TO PERFORM A SOIL SURVEY FOR SATISFACTIORY AGIL MATERIALS. SAMELING AND TESTING FOR QUALITY CONTROL AS PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT FOR THE SPOLECT ALL EARTHWORK OPERATIONS SHALL BE PERFORMED TO THE SATISFACTION OF THE GEOTECHNICAL TESTING FIRM.

SOIL CHEMICAL BARRIER METHOD

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.26

2 CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS FBC 1503 4.4

IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS ND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1:-0' ROM BUILDING SIDE WALLS, FBC 1503,4.4

2 SOIL PREPARATION AND PROPERTIES

AREA IMPDER FOOTINGS, FOUNDATIONS, AND
CONCRETE SLASS SHALL HAVE ALL VEGETATION
STUMPS, ROOTS, AND FOREIGN MATTERS
STUMPS, ROOTS, AND FOREIGN MATTERS
SHALL BE REMOVED TO THE CONSTRUCTION.
FILL MATTENAL SHALL BE FREE OF VEGETATION
AND FOREIGN MATTENAL
ALLOWABLE BEARING PRESSURE = 1500 par

GE-6W1 44.14.

A VAPOR RETARDER CONSISTING OF 6 MIL
MINIMALM POLYETHYLENE WITH JOINTS
LAPPED 8 NICHE AND SEALED WITH Z APPROVED
TAPE OR MASTIC, OR OTHER APPROVED MATERIALS
HAVING A MAXIMUM PERM RATIING OF 0 5

NIRE FABRIC SHALL HAVE A YIELD STRENGTH OF 65,000 ps. WWF FOR SLAB ON GRADE SHALL BE

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2 5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816,1.1 4 TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION,
BETWEEN WALL COVERNOS AND FINAL EARTH GRADE SHALL
NOT BE LESS THAN 6" EXCEPTION. PAINT AND DECORATIVE
CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED
DIRECTLY TO THE FOUNDATION WALL. FBC 14031.6

7 BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS, DERMANENT FORMS THE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT FBC 1816 1.3

B MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RET— ARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4

WISHAPES.

OTHER SHAPES & PLATES.

OTHER SHAPES & PLATES.

OTHER SHAPES & RELATES.

ASTIM ASSO GRADE B. Fy-46 KSI.

HISS ROUMS PAPET.

ASTIM ASSO GRADE B. Fy-46 KSI.

ASTIM ASSO GRADE B. Fy-42 KSI.

ASTIM ASSO GRADE B. Fy-43 KSI.

ASTIM ASSO GRADE B. Fy-43 KSI.

ASTIM ASSO GRADE B. Fy-45 KSI.

ASTIM ASSO GRADE B. Fy-45 KSI.

ASTIM ASSO GRADE B. ASTIM ASSO.

DEFORMED BRATS.

ASTIM ASSO.

SETM ASSO.

SETM ASSO.

SETM ASSO.

SETM ASSO.

STRUCTURAL STEEL (DESIGN PER CURRENT EDITION ACI 530) (UON) MATERIALS SHALL BE AS FOLLOWS:

STEEL NOTES

CONCRETE SLAB SHALL HAVE A MINIMUM ALLOWABLE SLOPE TO ALLOW FOR WATER DRAINAGE FROM SHOWERS

SOIL BEARING (DESIGN MAXIMUM)

PROVIDE A MINIMUM OF TWO 144 BARS IN TOP OF CONTINUOUS WALL FOOTINGS AT DOOR AND OTHER OPENINGS.
4:0" LONGER THAN THE OPENING. STEPS IN WALL FOOTINGS SHALL NOT EXCEED A SLOPE OF (1) VERTICAL TO TWO (2) HORIZONTAL

SHALL BE NOTIFIED

IF FOOTING EVALUATIONS SHOWN OCCUR IN A DISTURBED, UNSTABLE, OR UNSUITABLE SOIL, THE ENGINEER

ALL HOOKS IN REINFORCING BARS SHALL BE AN ACT STANDARD HOOK, UNLESS OTHERWISE NOTED UNLESS OTHERWISE NOTED, SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE AS FOLLOWS
WELDED WIRE FABRIC WIRE SPACING PLUS 6*
REINFORCING BARS. 40 BAR DIAMETERS

9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5

12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT, FBC 1816.1.7

13 A CERTIFICATE OF COMPLIANCE MUST BE ISSUE BUILDING DEPART - MENT BY # LICENSED PEST CO COMPANY BEFORE A CERTIFICATE OF OCCUPANCY ISSUED THE CERTIFICATE OF COMPLIANCE SHALL S "THE BUILDING HAS RECEIVED A COMPLETE TREATING THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATING TO SUBTERRANEAN TERMITES THE TREATING OF THE FLORIDA DEPARMENT OF AGRICULTURE AN CONSUMER SERVICES" FBC 1816 1.7

14. AFTER ALL WORK IS COMPLETED, LOOSE WO MUST BE REMOVED FROM BELOW AND WITHIN 1'. BUILDING THIS INCLUDES ALL GRADE STAKES, T BOXES, FORMS, SHORING OR OTHER CELLULOSE MATERIAL FBC 23031.3 15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15"-0" OF ANY BUILDING OR PROPOSED BUILDING FBC 23031.4

1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816 16

11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE
MISTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING
AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE
RETREATED, FBC 1816 16 10 SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITO OF THE STRUCTURE SIDEWALLS. FBC 18

GENERAL NOTES

NEW RESIDENCE COLUMBIA COUNTY P.O. Box 187 130 West Howard Street Live Oak FL, 32064 Phone: (386) 362-3678 Fax: (386) 362-6133 Gary Gill, PE Auth. # 9461

REV# DATE REVISION NOTES 04-24-06 ISSUED FOR CONSTRUCTION

CODY AND HOLLY BANNER