2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALKS.(FBC 1503.4.4)

3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS.(FBC 1503.4.4)

4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAT 6 INCHES.

EXCEPTION: PAINT OR DECORATIVE CEMENTATIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL (FBC 1403.1.6)

5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE (FBC 1816.1.1)

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED AND FORMED.(FBC 1816.1.2)

7. BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS. ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT (FBC 1816.1.3)

8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT REQUIRED.(FBC 1816.1.4)

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

10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS (FBC 1816.1.6)

11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED.(FBC 1816.1.6)

12. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT (FBC 1816.1.7

13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARMENT OF AGRICULTURE AND CONSUMER SERVICES."(FBC 1816.1.7)

14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES. TUB TRAY BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. (FBC 2303.1.3)

15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0": OF ANY BUILDING OR PROPOSED BUILDING. (FBC 2303.1.4)

F.B.C. Florida Bldg. Code

F.G.

Hdr.

K/Wall

K.S.

Laun.

Max

MDP

Min

M.L.

Mir.

Mono

| A.B. | Anchor Bolt |
|--------|--------------------|
| Abv. | Above |
| A/C | Air-Conditioner |
| Adj. | Adjustable |
| A.F.F. | Above Finished Flo |
| A.H.U. | Air Handler Unit |
| ALT. | Alternate |
| B.C. | Base Cabinet |
| B.F. | Bifold Door |
| Bk Sh | Book Shelf |
| Bm. | Beam |
| вот. | Bottom |
| B.P. | Bypass door |
| Brg. | Bearing |
| Cir. | Circle |
| Clg. | Ceiling |
| Col. | Column |
| Comp. | A/C Compressor |
| C.T. | Ceramic Tile |
| D | Dryer |
| Dec. | Decorative |
| Ded. | Dedicated Outlet |
| Dbl. | Double |
| Dia. | Diameter |
| Disp. | Disposal |
| Dist. | Distance |
| D.S. | Drawer Stack |
| D.V. | Dryer Vent |
| D.W. | Dishwasher |
| Ea. | Each |
| E.W. | Each Way |
| Elec. | Electrical |

Elev. Elevation

Exp. Expansion

Exterior

Optional Fin. Fir. Finished Floor Piece Fixed Glass P.L. PLF Parallam Foundation Pounds per linear foot Fir. Sys. Floor System Plate Height Plt. Ht. Fireplace PIt Sh. Plant Shelf Foot / Feet Pounds per square foot Footing P.T. Pressure Treated Fixed Pwd. Powder Room Galvanized Rad. General Contractor Radius Refrigerator Ground Fault Interrupter Req'd. Required Girder Truss Rm. Room Round R/SH Hose Bibb Rod and Shelf Smoke Detector Square Ft. Kneewall Sh. SHT Shelves Knee Space Laundry Side Lights Lavatory S.P.F. Spruce Pine Fir Linear F Laundry Tul S.Y.P. Southern Yellow Pine Masonry Maximum Temp. Tempered Thik'n. Thicken Medicine Cabine Top of Block Master Distribution Panel Top of Masonry Manufacturer T.O.P. Top of Plate Microwave Transom Window Trans. Minimum Typical Microlam UCL Under Cabinet Lightin Mirror U.N.O. Unless Noted Otherwise Monolithic N.T.S. Not to Scale Vanity Base Vertical Versalam VTR Vent through Roof Washer Water Closet W.A. Wedge Anchor Water Proof

STRUCTURAL NOTES:

FOUNDATIONS

SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 1557 (MODIFIED PROCTOR)

FOUNDATION INSPECTIONS

A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTORS USE, OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRECHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

CAST IN PLACE CONCRETE

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI, A SLUMP OF 6" PLUS OR MINUS 1", AND HAVE 2 TO 5% AIR ENTRAINMENT. 5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL AND A MAXIMUM WATER/CEMENT RATIO OF 0.63

2. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.

3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6". 4. HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF

ALL TOP BARS OF BEAMS. HORIZONTAL FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH A 2'-0" LAP PROVIDED

MINIMUM LAP SPLICES ON ALL REINFORCING BAR

SPLICES SHALL BE 40 BAR DIAMETERS TYP. . CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR

1 1/2" TO FORM

MASONRY WALL CONST.

HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90. WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (fm = 1350 PSI)

MORTAR SHALL BE TYPE "M" OR "S", CONFORMING TO ASTM C270. 3. COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A

MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI SLUMP 8" TO 11". VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION

AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED FIELD REPAIR NOTES IN THE CENTER OF THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTE 5. REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR

DIAMETERS. UNLESS OTHERWISE NOTED ON THE DRAWINGS GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM. PLASTIC SCREEN METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW OF GROUT INTO CELLS THE USE OF FELT PAPER AS A STOP IS PROHIBITED.

WOOD CONSTRUCTION

1. WOOD CONSTRUCTION SHALL CONFORM TO THE NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION

ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC. STRUCTURAL WOOD FRAMING MEMBERS (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE SHALL BE USED REGARDLESS OF SPECIES.

ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA SHALL HAVE STUD PROTECTION SHIELDS FOR ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O.

WOOD FRAMING INSPECTION

PROJECT LOCATION Lot 6 Suwannee Valley Farms

ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING FRAMING INSPECTION.

PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH HURRICANE CLIPS OR ANCHORS. 2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN

ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.

3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPOR-TIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD. 4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS

CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:

DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TPI LATEST EDITION

. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES. SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES. BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, AND AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER. SUBMIT 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.

8. THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BEARING POINTS, AND SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS SHALL SHOW ALL TRUSSES. ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS.

UPLIFT CONNECTORS

NOTED ON THE PLANS.

1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS WOULD NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) "SIMPSON MTSM16 TWIST STRAP W/ (4) 1/4" X 2 1/4" DIA. TITENS TO THE BOND BEAM BLOCK AND (7) 10d TO THE TRUSS FOR UPLIFTS OF 1000 LBS. OR LESS. USE (2) FOR 2000 LBS. OR LESS. OTHERS MAY BE SUBSTITUTED ON A CASE BY CASE BASIS.

2. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUB-STITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3/4" DIA. X 6" DEEP UNITEX "PROPOXY" 300 ADHESIVE BINDER FOLLOWING ALL MANUFACTURERS RECOMMENDATIONS (OR 1/2" X 8" RAWL STUD EXPANSION ANCHORS.)

REGARDING MISSED REBAR IN VERTICAL FILLED CELLS: DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF THE OMITTED REBAR, AND INSTALL A 32" LONG #5 BAR INTO THE EPOXY FILLED HOLE. USE A TWO PART EMBEDDEMENT EPOXY (SIMPSON "EPOXY TIE SET", OR HILTI " 2 PART" EMBEDDMENT EPOXY), MIXED PER MANUFACTURER'S INSTRUCTIONS, ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY ALLOW THE EPOXY TO CURE TO MANUFACTURER'S SPECIFICATIONS, THEN FILL THE CELL IN THE NORMAL WAY DURING BOND BEAM POUR.

4. HURRICANE STRAPS MAY BE SUBSTITUTED WITH A STRAP OF GREATER HOLDOWN VALUE OR GREATER UPLIFT VALUE IN THE FIELD WITHOUT VERIFICATION, PROVIDED ALL MANUFACTURERS INSTALLATION INSTRUCTIONS ARE FOLLOWED 5. FOR MORTER JOINTS LESS THAN 1/4", PROVIDE (1) #5 VERT. IN CONC. FILLED CELL EACH SIDE OF THE JOINT (BAR DOES NOT HAVE TO BE CONT. TO FOOTING)

STRUCTURAL DESIGN CRITERIA

FLORIDA BUILDING CODE, 2007 EDITION WITH 2009 SUPPLEMENTS BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-05) SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-05) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-05) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2001 EDITION APA PLYWOOD DESIGN SPECIFICATION

20 PSF (REDUCIBLE) RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED 40 PSF BALCONIES 40 PSF STAIRS 40 PSF LIGHT PARTITIONS (DEAD LOAD), U.N.O. 20 PSF

WIND LOADS: WIND LOADS BASED ON FBC, SECTION 1609 WIND VELOCITY: 110 M.P.H., USE FACTOR: 1.0 (F.B.C.)

CODES:

LIVE LOADS:

UNITS:

WOOD ROOF

TRUSSES:

ALL CONCRETE UNLESS OTHERWISE INDICATED CONCRETE 2500 PSI PEA GRAVEL CONCRETE FOR MASONRY CELLS ONLY STRENGTH 3000 PSI (DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS) @ 28 DAYS

REINFORCING: WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 ALL REINFORCING BARS ASTM A615-40 40,000 PSI ALL STIRRUPS AND TIES ASTM A615-40 40,000 PSI

CONCRETE ASTM C90-99b, STANDARD WEIGHT UNITS, fm=1500 PSI MASONRY MORTAR TYPE "S" 1800 PSI

CONCRETE GROUT 3000 PSI

CONTINUOUS MASONRY INSPECTION IS REQUIRED DURING CONSTRUCTION ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 PSI, U.N.O.

STRUCTURAL SHOP AND FIELD WELDS: E70XX ELECTRODES STEEL: ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307

BEAMS, RAFTERS, JOIST, PLATES, ETC. U.N.O. WOOD FRAMING: NO. 2 SOUTHERN YELLOW PINE (19% M.C.) ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR, or OSB FLOOR SHEATHING: T&G A-C GROUP 1 APA RATED (48/24)

WALL SHEATHING: PLYWOOD C-C/C-D, EXTERIOR OR OSB VERSA LAM BEAM Fb = 2900 PSI (2.0E) WOOD COLS. PARALLAM 2.0E U.N.O. DESIGN LOADS:

TOP CHORD LIVE AND DEAD LOAD: 30 PSF BOTTOM CHORD DEAD LOAD: 10 PSF 40 PSF

SEE DRAWINGS FOR SPECIAL CONCENTRATED LOADS, DESIGN FOR NEW WIND UPLIFT AS PER SPECIFIED CODES, DEDUCTING A MAXIMUM OF 5 P.S.F. DEAD LOAD, BUT NOT EXCEEDING ACTUAL DEAD LOAD.

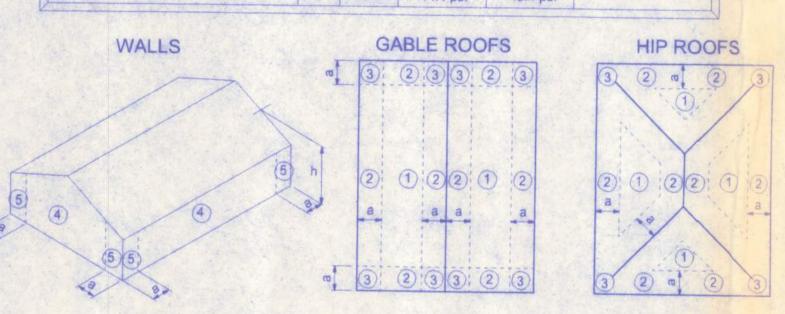
DESIGN LOADS WOOD FLOOR DEAD LOAD: TRUSSES: LIVE LOAD:

40 PSF

SOIL BEARING

ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 1,500 PSF SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS IF SOIL CONDITIONS IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN.

| | | | | The State of the S | |
|--|--|--------|----------|--|---------------------|
| BASIC WIND SPEED | 110 MPH | | | | |
| IMPORTANCE FACTOR | 1.0 | | | | |
| BUILDING CATEGORY | 11 | | | | N. M. E. DE IL. |
| EXPOSURE | В | | | | |
| INTERNAL PRESSURE COEFFICIENT | +/- 0.18 | | | | |
| TYPE OF STRUCTURE | ENCLOSED | | | | |
| MWFRS PER ASCE 7 | Zone 1 - Windward Wall | | | | 18.2 psf |
| DESIGN WIND PRESSURES WORST CASE | Zone 2 and 3 - Windward and Leeward Roof | | | -27.3 psf | |
| | Zone 2 - Sloped Windward Roof | | | | +4.9 psf; -11.7 psf |
| | Zone | | | | |
| | 3 - Leeward Roof | | | | -14.6 psf |
| | 4 - Leeward Wall | | | | -12.8 psf |
| | 5 & 6 Sidewalls | | | | -16.4 psf |
| | Zone 7 - Overhang | | | | 14.4 psf |
| COMPONENTS AND CLADDING PER ASCE 7 DESIGN WIND PRESSURES WORST CASE | Wall | | windward | leeward | |
| | | Zone 4 | 25.0 psf | -27.2 psf | |
| | ECE O | Zone 5 | 25.0 psf | -33.5 psf | |
| | | | positive | negative | |
| | Roof | Zone 1 | 14.4 psf | -22.9 psf | |
| | | Zone 2 | 14.4 psf | -48.4 psf | |
| | | Zone 3 | 14.4 psf | -48.4 psf | |



a: 10% of least horizontal dim. or 0.4h, whichever is smaller, but not less than either 4% of least horizontal dimension or 3 ft. h: mean roof height, in feet.

COMPONENTS AND CLADDING

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|-----------------------|
| A-1 | GENERAL NOTES SHEET |
| A-2 | SITE PLAN |
| A-3 | FOUNDATION PLAN |
| A-4 | FLOOR PLAN |
| A-5 | ROOF PLAN |
| A-6 | ELEVATIONS |
| A-7 | TYPICAL WALL SECTIONS |
| A-8 | WALL FRAMING |
| A-9 | ELECTRICAL PLAN |
| A-10 | SHEARWALL PLAN |

FOUNDATION NOTES:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 2,500 PSI AT 28 DAYS. MAXIMUM SLUMP 5"

METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED

REINFORCING STEEL:

THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40 REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

ALL REINFORCEMENT IS BENT COLD, THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND

REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE

PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH

COVER OVER REINFORCING STEEL FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS

3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1.1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER

BEARING CAPACITY:

THE FOOTING IS DESIGNED FOR SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 1,500 PSF. THE FOOTINGS SHALL REST ON UNDISTURBED OR COMPACTED SOIL OF UNIFORM DENSITY AND THICKNESS. AT THE OWNER'S REQUEST, COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR AND COMPACTED IN LIFTS NOT TO EXCEED 12 INCHES.

NANNY E

Freeman
Design Group

DRAWN B W.H.F. 11/8/11 APPROVED W.H.F. REVISIONS

PROJECT NO 11.R036