

STRUCTURAL NOTES

1. FOUNDATION:

- FOUNDATION SYSTEM CONSISTS OF WALL CONTINUOUS & PAD FOOTINGS DESIGNED FOR AN ALLOWABLE SOIL BEARING
- A. PRESSURE OF 2000 PSF. FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR WELL COMPACTED FILL MATERIAL AS DESCRIBED IN NOTE #2. SEE SOIL STATEMENT.
- B. CONCRETE WALL FOOTINGS AND PADS SHALL NOT RECEIVE SUPERIMPOSED LOADS UNTIL 48 HOUR OR MORE AFTER THE CONCRETE IS PLACED.
- C. EXCAVATIONS FOR MONOLITHIC FOOTINGS AND FOUNDATIONS, WHICH ARE TO SERVE AS FORMS, SHALL BE THOROUGHLY WET PRIOR TO PLACING CONCRETE.
- D. AS A MINIMUM, BOTTOM OF MONOLITHIC FOOTING SHALL BE 8" MINIMUM BELOW GRADE AND TOP OF STEM WALL AND ISOLATED FOOTING, PILE CAP AND GRADE BEAM SHALL BE 12" MINIMUM BELOW GRADE. TYPICAL UNLESS OTHERWISE NOTED.

2. SLABS ON FILL:

FILL AND BACKFILL TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY FOR ALL LAYERS AS VERIFIED BY FIELD DENSITY TEST FOR ALL LAYERS. TESTS SHALL BE MADE IN ACCORDANCE WITH METHODS OF TEST FOR MOISTURE DENSITY RELATIONS OF SOILS, ASTM D 1557 MODIFIED. COMPACTION LAYERS NOT TO EXCEED 12" BACKFILL MATERIAL TO BE APPROVED BY SOIL ENGINEER. SLABS TO BE PLACED CONTINUOUSLY. PROVIDE CONTRACTION JOINTS. MAXIMUM AREA BETWEEN JOINTS LIMITED TO 225 SF, AND/OR 12 FEET IN ANY DIRECTION. COORDINATE WITH ARCHITECTURE FOR LOCATION OF SAW CUTS AT EXPOSED AREAS. SAW CUT FOR THE JOINTS TO BE A MINIMUM OF 1/4 INCH DEEP AND 1/8 INCH WIDE. PROVIDE VAPOR BARRIER BELOW ALL SLABS ON FILL (20 MIL.). WELDED WIRE FABRIC REINFORCEMENT FOR SLAB ON GRADE SHALL BE ADEQUATELY CHAIRED FOR ELEVATION, WET-LIFTING SHALL NO BE PERMITTED.

3. CONCRETE:

ALL CONCRETE TO ATTAIN A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS. AGGREGATES TO BE CLEAN WELL GRADED, MAXIMUM SIZE 3/4". WATER/CEMENT RATIO BY WEIGHT= 0.4 MAXIMUM. CONCRETE SLUMP= 3" MIN. TO 5" MAX. VERTICAL CONCRETE DROP NOT TO EXCEED 9'-0".

4. CONCRETE COVER:

	MINIMUM CLEAR COVER, IN.
A. SLAB ON GRADE AND FOOTINGS.	3
B. WALLS.	3/4
C. COLUMNS.	1 1/2
D. BEAMS.	1 1/2
E. WALLS AND COLUMNS EXPOSED TO EARTH OR WEATHER.	2
F. SLABS	
INTERIOR TOP AND BOTTOM BARS	3/4
EXTERIOR (EXPOSED TO WEATHER) TOP AND BOTTOM BARS	1 1/2
G. ANY CONCRETE CAST AGAINST EARTH.	3

5. REINFORCING STEEL:

- A- TO BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.
- B- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- C- ALL TOP REINFORCEMENT SHALL TERMINATE WITH STANDARD HOOKS AT DISCONTINUOUS ENDS.
- D- ALL BOTTOM BARS SHALL BEAR A MINIMUM OF 6" OVER SUPPORTS UNLESS OTHERWISE NOTED.
- E- REINFORCING STEEL TO BE DETAILED AND FABRICATED IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCING CONCRETE STRUCTURES", AND THE ACI BUILDING CODE 318-05.
- F- WHEN REQUIRED, WELDABLE REINFORCING TO BE A706.
- G- FOR FOUNDATION SPLICES IN REINFORCING BARS SHALL BE NOT LESS THAN 36 BAR DIAMETERS AND REINFORCEMENT SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS OR BY ADDING MATCHING REINFORCING STEEL, WHICH SHALL EXTEND 48 BAR DIAMETERS FROM EACH CORNER OR CHANGE IN DIRECTION. WHEN THREE OR MORE BARS ARE REQUIRED, THE BARS SHALL BE HELD IN PLACE AND ALIGNED BY TRANSVERSE BARS SPACED NOT MORE THAN 4 FEET (1219 MM) APART. FOR ALL OTHER SPLICES SEE SPECIFIC SECTION OR DETAIL AND TENSION LAP SPLICE SCHEDULE.
- H- ALL REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI-315.
- J-REINFORCING STEEL ALLOWANCE: CONTRACTOR SHALL PROVIDE 0.5 TON OF IN PLACE STEEL REINFORCEMENT FOR THE EOR TO USE AT HIS DISCRETION DURING CONSTRUCTION. CONTRACTOR SHALL GIVE CREDIT TO OWNER FOR ANY UNUSED PORTION OF THIS ALLOWANCE AT THE END OF THE CONSTRUCTION OF THE PROJECT. THIS REINFORCING IS IN ADDITION TO ANY REINFORCEMENT USED IN THE PLANS.

6. MASONRY:

- A- ALL CONCRETE BLOCK MASONRY WALLS, TO COMPLY WITH FLORIDA BUILDING CODE REQUIREMENTS AND THE ACI STANDARD CALLED "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530/530.1-11 EDITION /ASCE 5-11/TMS 402-11".
- B- CONCRETE BLOCK UNITS TO BE TYPE II-NONMOISTURE CONTROLLED, CONFORMING TO ASTM C90, WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI, (AVERAGE OF THREE). PRISM STRENGTH OF CMU WALLS F'm=1500 PSI.
- C- MORTAR SHALL CONFORM TO ASTM C 270-08a. MORTAR TYPE "M", WITH A MINIMUM AVERAGE STRENGTH OF 2500 PSI. SHALL BE USED FOR WALLS BELOW GRADE. MORTAR TYPE "M" (2500 PSI) OR TYPE "S" (1800 PSI) SHALL BE USED FOR ALL OTHER MASONRY WALLS.
- D- ALL CMU WALLS SHALL BE HORIZONTALLY REINFORCED WITH STANDARD NO. 9 LADDER-TYPE GALVANIZED STEEL REINFORCING EVERY OTHER COURSE. EXTEND REINFORCING A MINIMUM OF 4 INCHES INTO TIE COLUMNS.
- E- ALL VERTICAL REINFORCEMENT, AS SPECIFIED ON PLANS, SHALL BE PLACED IN FULLY GROUTED CELLS. DOWELS SHALL BE PROVIDED TO ENSURE CONTINUITY OF REINFORCEMENT AT THE STRUCTURE ABOVE AND BELOW. ALL LAPS SHALL BE SPLICED MINIMUM 48 BAR DIAMETERS. ADDITIONAL VERTICAL WALL REINFORCEMENT SHALL BE PROVIDED AT ALL WALL ENDS, CORNERS, INTERSECTIONS AND AT ALL WALL OPENINGS NOT BOUND BY CONCRETE COLUMNS. PROVIDE CLEANOUT HOLES IN REINFORCED WALL CELLS AT BOTTOM OF EACH POUR. CLEAN CELLS FREE OF MORTAR AND DEBRIS. TIE VERTICAL REINFORCEMENT. MAXIMUM LIFT OF EACH POUR SHALL NOT EXCEED 4 FEET. MAXIMUM VERTICAL DROP FOR GROUTING SHALL NOT EXCEED 10 FEET. VERTICAL REINFORCEMENT WITHIN TERMINATING WALLS SHALL EXTEND TO 2" BELOW TOP OF CONCRETE CAP/TIE BEAM ABOVE.
- F- PROVIDE INTERLOCKING BLOCK CONSTRUCTION AT ALL INTERSECTIONS AND CORNERS, PROVIDE CONTINUOUS JOINT REINFORCING AROUND CORNERS AND AT INTERSECTIONS.
- G- CONCRETE TIE COLUMNS AND TIE BEAMS SHALL BE CAST AGAINST ERECTED MASONRY WALLS. HORIZONTAL JOINT REINFORCEMENT SHALL EXTEND A MINIMUM OF 4 INCHES INTO TIE COLUMNS.
- H- PROVIDE GALVANIZED DOVETAIL ANCHORS AT ALTERNATE JOINTS AT ALL MASONRY WALLS ABUTTING CONCRETE COLUMNS.
- I- REINFORCED CELLS SHALL BE FILLED WITH 3000 PSI GROUT AS PER ACI 530-05 AND ACI 530.1-05. FILLING OF CELLS SHALL BE DONE IN FOUR FOOT LIFTS WITH A MAXIMUM POUR OF 9 FEET. USE MECHANICAL VIBRATION TO ACHIEVE GROUT-FILLED GROUT SHALL CONFORM TO ASTM C476. SLUMP SHALL BETWEEN 8" AND 11". PEAROCK PUMP MIX CAN BE USED AS AN ALTERNATIVE TO GROUT.
- J- LINTELS
REFER TO THE LINTEL SCHEDULE FOR CAST IN PLACE LINTELS.
ALL LINTELS SHALL BEAR A MINIMUM OF 8" AT EACH END.
PRECAST LINTELS SHALL BE NOTCHED AT ENDS IN ORDER TO FACILITATE PLACEMENT OF VERTICAL REINFORCEMENT IN MASONRY WALLS. LINTELS ABUTTING CONCRETE COLUMNS SHALL BE CAST IN PLACE.
PRECAST LINTELS SHALL BE DESIGNED FOR LOADS AS PER FLORIDA BUILDING CODE. SHOP DRAWING SUBMITTAL REQUIRED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA, SHALL INCLUDE CALCULATIONS.
WHEN DROPPING SOFFIT OF THE BEAM AT WALL OPENINGS ADD 2#5 BOTTOM BARS WITH #3 CLOSED STIRRUPS @12"/c. EXTEND DROPPED SOFFIT BEAM MIN. 8" BEYOND EACH FACE OF OPENING.

7. STRUCTURAL STEEL:

- A. STRUCTURAL STEEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FBC AND AISC SPECIFICATIONS 14TH EDITION.
- B. STRUCTURAL STEEL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

TYPE	ASTM	GRADE	fy
WIDE FLANGE (W SHAPE)	A992	-	50KSI
C, S&M SHAPES	A992	-	50KSI
ANGLES & PLATES	A36	-	36KSI
SQUARE & RECTANGULAR HSS, TS	A500	B	46KSI
ROUND HSS	A500	B	42KSI
STEEL PIPE	A53	-	35KSI
STRUCTURAL BOLTS	ASTM1554	36	36KSI
ANCHOR BOLTS	F1554	36	36KSI

ALL STRUCTURAL STEEL THAT IS EXPOSED TO THE WEATHER SHALL BE TREATED WITH 2 COATS OF ANTI-CORROSIVE PAINT.

- C. ALL CONNECTIONS NOT DETAILED OR OTHERWISE NOTED SHALL BE DESIGNED BY THE FABRICATOR. SHOP DRAWINGS AND CONNECTION CALCULATIONS SHALL BE SUBMITTED BEARING THE SEAL OF AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.
- D. BEAM SHEAR CONNECTIONS DESIGN SHALL BE BASED ON BEARING TYPE BOLTED CONNECTIONS WITH BOLTS "SNUG TIGHT" PER AISC.

8. WELDING:

CONNECTIONS SHOWN ARE BASED ON WELD MADE WITH E70XX ELECTRODES. WELDING TO BE DONE BY CERTIFIED WELDERS HOLDING CURRENT WELDING CERTIFICATES, AND MUST PRESENT SAME AT JOB SITE AT ALL TIMES. ALL WELDING PER PLANS AND PER GUIDELINES OF THE AMERICAN WELDING SOCIETY.

9. WIND LOADS AND DESIGN STANDARDS:

STRUCTURE HAS BEEN DESIGNED TO RESIST LATERAL LOADS IN ACCORDANCE WITH THE REQUIREMENTS OF ASCE 7-16: WIND VELOCITY = 175 MPH, BUILDING CATEGORY 2 EXPOSURE C, ENCLOSED BUILDING.

11. DETAILS AND SECTIONS:

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, UNLESS A DIFFERENT DETAIL, OR SECTION IS SHOWN.

12. SHORING AND RESHORING:

CONTRACTOR WILL PROVIDE SHORING AND RESHORING DRAWINGS, ALONG WITH RE-SHORING SCHEDULE FOR ALL ELEVATED STRUCTURAL COMPONENTS, INCLUDING BUT NOT LIMITED TO BEAMS, SLABS, AND PRECAST ELEMENTS. DRAWINGS TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL STRUCTURAL ENGINEER, FOR SUBMITTAL TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD, AND THE THRESHOLD INSPECTOR (IF APPLICABLE). NO ELEVATED WORK MAY PROCEED WITHOUT THIS SUBMITTAL.

CONTRACTOR TO ALSO RETAIN SAME ENGINEER TO PROVIDE FIELD INSPECTIONS, ALONG WITH REPORTS, THAT ALL OF THE SHORING AND RE-SHORING IS COMPLETED AS PER HIS DRAWINGS AND SPECIFICATIONS.

SHORING SCHEDULE TO PROVIDE TIME THAT SHORES MAY BE REMOVED IN ORDER TO REMOVE FORMWORK, AND SPECIFIC SEQUENCE OF THE REMOVAL OF THE SHORING AS IT PROGRESSES THRU THE HEIGHT OF THE BUILDING. SHORING DRAWINGS TO ALSO CONTAIN DETAIL OF CONNECTION OF HEADERS AT THE TOP OF THE SHORES.

13. GENERAL:

- A. IN CASE OF DISCREPANCY BETWEEN THESE NOTES AND PLAN NOTES OF INFORMATION IN THE PLANS, SECTION OR DETAILS, THE MOST STRINGENT REQUIREMENT SHALL BE APPLIED.
- B. IF ANY ERRORS OR OMISSIONS APPEAR IN THE DRAWINGS, SPECIFICATIONS, OR OTHER DOCUMENTS, THE CONTRACTOR MUST NOTIFY THE ARCHITECT AND ENGINEER, IN WRITING, OF THE SAME PRIOR TO PROCEEDING WITH THE WORK IN QUESTION. IN THE EVENT THAT THE CONTRACTOR FAILS TO GIVE NOTICE, OR PROVIDE SUFFICIENT TIME FOR A RESPONSE, CONTRACTOR IS RESPONSIBLE FOR THE RESULTS OF SUCH ERRORS OR OMISSIONS, AND FOR ALL COSTS FOR RECTIFYING SAME AND FOR ANY DELAYS OR ANY OTHER COSTS INCURRED BY SAME.
- C. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES AFFECTING THE NEW CONSTRUCTION PRIOR TO COMMENCING THE WORK. ANY VARIATIONS IN ACTUAL FIELD CONDITIONS/DIMENSIONS FROM THOSE SHOWN IN THE PERMITTED CONTRACT DRAWINGS SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR DETERMINING THE NEED FOR RE-DESIGN PRIOR TO CONTRACTOR'S SUBMITTAL OF SHOP DRAWINGS FOR REVIEW.
- D. CONTRACTOR SHALL COORDINATE DIMENSIONS WITH ARCHITECTURAL DRAWINGS, VERIFY ALL FIELD DIMENSIONS PRIOR TO INSTALLATION, AND VERIFY THAT PROPOSED DIMENSIONS AND FIELD CONDITIONS AGREE WITH THIS PROPOSED PLAN. USE OF THIS DOCUMENT CONSTITUTES ACCEPTANCE OF THE PROPOSED SYSTEM LAYOUT, COMPONENTS SELECTED, AND INSTALLATION. THESE DRAWINGS ARE NOT INTENDED TO BE USED AS FABRICATION OR SHOP DRAWINGS.

14. DESIGN LOADS. GRAVITY.

ROOF:
SDL= 25 PSF
LL= 20 PSF

15. WOOD MEMBERS:

- ALL STRUCTURAL WOOD MEMBERS OTHER THAN TRUSSES TO BE SOUTHERN PINE GRADE NO. 2 UNLESS OTHERWISE NOTED. TOP AND BOTTOM CHORD SHALL BE 2"x6"MIN. DEAD LOAD AT BOTTOM CHORD SHALL BE 10 PSF. ALL WOOD MEMBERS TO BE FREE OF ALL IMPERFECTIONS AS: SPLITS, CHECKS, OR EXCESSIVE KNOTS. UNSATISFACTORY MATERIALS TO BE REPLACED AT NO COST TO OWNER. ALL WOOD MEMBERS EXPOSED TO THE WEATHER OR IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED. MOISTURE CONTENT SHALL BE 19% OR LESS. ALL BOLTED CONNECTIONS TO BE COMPLETED WITH A325 GALVANIZED STEEL BOLTS WITH WASHERS AT EACH END. FABRICATION, ERECTION, AND CONNECTIONS TO BE AS PER RECOMMENDATIONS OF THE A.I.T.C. (AMERICAN INSTITUTE OF TIMBER CONSTRUCTION), LATEST EDITION. PLYWOOD SHEATHING CLASSIFICATION SHALL BE "C" OR BETTER AND THE EXPOSURE SHALL BE APA RATED EXTERIOR. INSTALL PANELS WITH STRENGTH DIRECTION PERPENDICULAR TO TRUSSES OR JOISTS. PRESSURE-TREATED WOOD SHALL BE USED WHERE NOTED IN THE ARCHITECTURAL DRAWINGS.

16. FASTENERS:

ALL BOLTS SHALL BE HOT DIPPED GALVANIZED, OR STAINLESS STEEL & MEET THE REQUIREMENTS OF ASTM A325. WASHERS SHALL BE USED BETWEEN WOOD & BOLT HEAD & BETWEEN WOOD & NUT. WHERE GENERIC FASTENERS ARE LABELED IN DETAILS, CAPACITIES SHALL BE EQUAL TO OR GREATER THAN HILTI KWIK BOLT III OR RED HEAD TRUBOLTS. EMBEDMENT DEPTHS SPECIFIED HEREIN ARE DEPTHS INTO SOLID SUBSTRATE AND DO NOT INCLUDE THICKNESSES OF STUCCO OR OTHER FINISHES.

17. SUBMITTALS & SHOP DRAWINGS:

- NO SHOP DRAWING SHALL BE SUBMITTED FOR ARCHITECT/ENGINEER'S REVIEW UNTIL AFTER THEY HAVE BEEN REVIEWED AND NOTED FOR CONSTRUCTION METHOD, DIMENSIONING, AND OTHER TRADE REQUIREMENTS BY THE CONTRACTOR, AND STAMPED WITH THE CONTRACTOR'S APPROVAL SEAL. SIGNED AND SEALED CALCULATIONS SHALL BE INCLUDED OF APPLICABLE.
- A. REINFORCING STEEL SHOP DRAWINGS.
- B. ANCHORING DETAILS FOR WINDOWS AND DOOR BUCKS NOT SHOWN ON THE DRAWINGS SHALL BE DESIGNED AND DETAIL BY MANUFACTURER'S SPECIALTY ENGINEER AND SUBMITTED TO THE E.O.R. FOR APPROVAL. SUBMITTED SHOP DRAWINGS SHALL BEAR SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER.
- C. SIGNED AND SEALED SHOP DRAWINGS FOR PRE-FABRICATED CONCRETE ELEMENTS.
- D. SIGNED AND SEALED SHOP DRAWINGS FOR PRE-FABRICATED WOOD TRUSSES.

18. CODES:

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES, INCLUDING:
- FLORIDA BUILDING CODE 2023
 - ASCE 7-22
 - ACI 318-19
 - AISC 2017. STEEL CONSTRUCTION MANUAL, 2017
 - ACI 530.1-13
 - NDS FOR WOOD CONSTRUCTION 15TH EDITION

19. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE FOLLOWING INSTALLATION OF ALL COMPONENTS AS INDICATED ON THE DRAWINGS. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE METHOD AND SEQUENCE OF ERECTION PROCEDURES (INCLUDING IMPLEMENTATION OF TEMPORARY SHORING, BRACING, ETC.) IF A SEQUENCE IS SPECIFIED IN THE ARCHITECTURAL OR STRUCTRAL DRAWINGS. CONTRACTOR SHALL VERIFY THE FEASIBILITY OF IT AND INFORM THE ENGINEER OR ARCHITECT OF ANY DISCREPANCY. IT IS THE RESPONSABILITY OF THE CONTRACTOR TO ENSURE SAFETY THROUGHOUT THE PERIOD OF CONSTRUCTION. THIS STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING MECHANICAL AND ELECTRICAL DRAWINGS TO COORDINATE LOCATION OF DEPRESSED SLABS, SLOPES, DRAINS, OUTLETS, RECESSES, OPENINGS, REGLETS, BOLT SETTINGS, SLEEVES, DIMENSIONS, ETC.

LEGEND

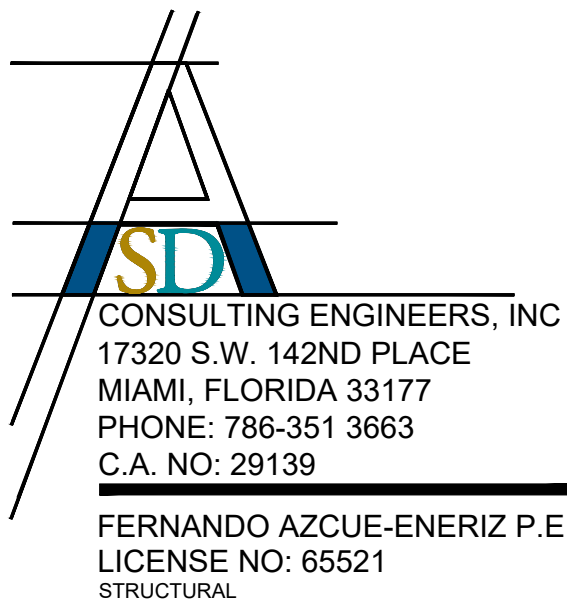
ADDN'L	-ADDITIONAL	LSV	-LONG SIDE VERTICAL
BLDG	-BUILDING	LLH	-LONG LEG HORIZONTAL
		LSV	-LONG LEG VERTICAL
BM	-BEAM	LP	-LOW POINT
CIP	-CAST IN PLACE	LW	-LONG WAY
CJ	-CONTROL JOINT	LWC	-LIGHT WEIGHT CONCRETE
CL	-CENTERLINE	LWIC	-LIGHT WEIGHT INSULATED CONCRETE
CLR	-CLEAR	MAX	-MAXIMUM
CMU	-CONCRETE MASONRY UNIT	MECH	-MECHANICAL
COL	-COLUMN	MIN	-MINIMUM
CTR	-CENTER	NTS	-NOT TO SCALE
DBL	-DOUBLE	O/C	-ON CENTER
DET	-DETAIL	OD	-OUTSIDE DIAMETER
DN	-DOWN	OPP	-OPPOSITE
DWG	-DRAWING	PL	-PLATE
EA	-EACH	PLF	-POUNDS PER LINEAR FOOT
EE	-EACH END	PSF	-POUNDS PER SQUARE FOOT
EF	-EACH FACE	PSI	-POUNDS PER INCH
EJ	-EXPANSION JOINT	REINF	-REINFORCING
EL	-ELEVATION	REQ'D	-REQUIRED
EOR	-ENG. OF RECORD	REV	-REVISED/REVISION
EW	-EACH WAY	RM	-ROOM
EX	-EXISTING	SER	-STRUCT. ENG. OF RECORD
EXP	-EXPANSION	SF	-SQUARE FOOT
EFW	-EXISTING WALL FOOTING	SIM	-SIMILAR
FIN	-FINISH	SL	-SLOPE
FLR	-FLOOR	STD	-STANDARD
FND	-FOUNDATION	SW	-SHEARWALL/SHORT WAY
FT	-FOOT	STL	-STEEL
FTG	-FOOTING	STRUCT	-STRUCTURAL
F.V.	-FIELD VERIFY	TB	-TIE BEAM
GA	-GAGE	TC	-TIE COLUMN
GALV	-GALVANIZED	TOC	-TOP OF CONCRETE
HORIZ	-HORIZONTAL	T	-TOP
HP	-HIGH POINT	TEMP	-TEMPERATURE
ID	-INSIDE DIAMETER	TYP	-TYPICAL
IJ	-ISOLATION JOINT	UNO	-UNLESS NOTED OTHERWISE
INFO	-INFORMATION	UON	-UNLESS OTHERWISE NOTED
INT	-INTERIOR	VERT	-VERTICAL
		W/	-WITH
		WWF	-WELDED WIRE FABRIC

SOIL STATEMENT:

FOUNDATION SYSTEM HAS BEEN DESIGNED USING A PRESUMPTIVE LOAD-BEARING CAPACITY OF 2000 PSF. THE SOIL COMPOSITION AT THE SITE CONSISTS OF LIMEROCK MIXED WITH SANDY MATERIAL. (AS PER VISUAL INSPECTION) AT THE TIME OF CONSTRUCTION AND AFTER THE GROUND HAS BEEN BROKEN A LETTER FROM THE EOR OR THE ARCHITECT OF RECORD WILL BE SUBMITTED TO THE BUILDING OFFICIAL ATTESTING THAT THE EOR OR ARCHITECT OF RECORD HAS OBSERVED THE SITE AND THE SOIL CONDITIONS ARE SIMILAR TO THOSE UPON WHICH THE DESIGN WAS BASED.

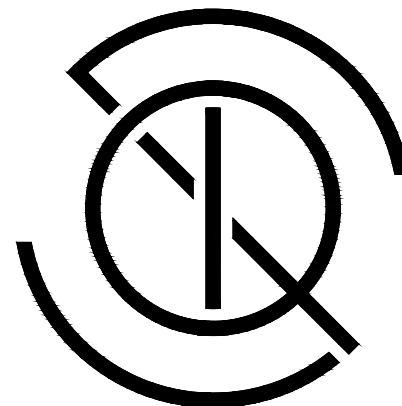
TERMITE PROTECTION

PROVIDE SOIL TREATMENT PROTECTION AGAINST SUBTERRANEAN TERMITES FOR ALL SLAB CUTS IN COMPLIANCE W/ FBC SECTION 1816. A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."



A SEPARATE PERMIT AND PRODUCT CONTROL APPROVAL, WHEN APPLICABLE, IS REQUIRED FOR THE FOLLOWING ITEMS:

STRUCTURAL GLAZING	WOOD TRUSSES	DOORS	ROOFING	WINDOWS
RIDGE VENTILATION	CURTAIN WALLS	MULLIONS	FENCES	WALLS
PRECAST SYSTEMS	HANDRAILS	RAILS	ANNINGS	
STORM SHUTTERS	STEEL JOISTS	STORE FRONT		



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CONSULTANTS

PROJECT NAME:

GOMEZ DRIVEWAY &
BACKYARD REMODEL

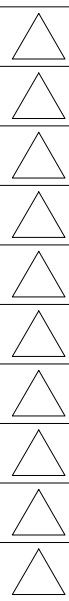
OWNER:

WILLIAM GOMEZ & DANIELLA VILAR

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JOB NUMBER: 2024.01
DATE: 02/17/24

REVISION



SEAL:

John Alexander Quintana

AR99532

DRAWING TITLE:

STRUCTURAL
NOTES.

DRAWING NO:

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