DESIGN LOADING PER FBC 2014
ROOF LIVE LOAD = 20 PSF
ROOF DEAD LOAD = 20 PSF
BASIC ULTIMATE WIND SPEED = 170 MPH
ENCLOSED BUILDING INTERNAL PRESSURE COEFFICIENT = 0.18+/-
WIND EXPOSURE C RISK CATEGORY II
Kd= 0.85 BASIC ULTIMATE WIND PRESSURE = 54 PSF
MEAN ROOF HEIGHT <= 15 FT WIND ZONE WIDTH a = 3'-9"

COMPONENT AND CLADDING WIND PRESSURES 7DEG. < SLOPE <27 DEG.				
			TRIBUTARY AREA (SQ. FT.)	
AREA	ZONE		10	20
MAIN ROOF	1,2,&3	PRESSURE psf	36	35
	1	SUCTION psf	-58	-57
	2	SUCTION psf	-101	-98
	3	SUCTION psf	-149	-145
OVERHANG	2	SUCTION psf	-127	-127
	3	SUCTION psf	-208	-200
WALL	4&5	PRESSURE psf	63	63
	4	SUCTION psf	-62	-62
	5	SUCTION psf	-77	-77

MASONRY

1. STRUCTURAL MASONRY HAS BEEN DESIGNED IN ACCORDANCE WIHT THE ACI BUILDING CODE REQUIREMENTS FOR
MASONRY STRUCTURES (ACI 530/ASCE 5.

2. CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO THE ACI SPECIFICATION FOR MASONRY STRUCTURES
(ACI 530/ ASCE 6.

3. CONCRETE MASONRY CONSTRUCTION SHALL HAVE TO MINIMUM COMPRESSIVE STRENGTH (f' m) OF 1500 PSO AT 28 DAYS.
MORTAR SHALL BE TYPE S FOR INTERIOR NON-LOAD BEARING WALLS. FOR ALL LOAD BEARING WALLS, MORTAR SHALL BE TYPE
M OR S PROPORTIONED IN ACCORDANCE WITH ASTM C270, WITH A 28 DAY COMPRESSIVE STRENGTH OF 2150 PSI MINIMUM.
PORTLAND CEMENT- LIME WITHOUT AIR ENTRAINMENT SHALL BE USED IN THE MORTAR MIX.

4. MASONRY GROUT SHALL BE A HIGH SLUMP MIX HAVING A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI.

5. LAP SPLICES IN REINFORCING BARS TO BE 48X BAR DIAMETER. SEE TYPICAL REINFORCED CMU WALL DETAIL.

6. PROVIDE HOT- DIPPED, 9 GAUGE MIN., LADDER TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY UNLESS OTHERWISE NOTED, OR AT 8" SPACING AT THE FOLLOWING LOCATIONS:

A. TWO BED JOINTS ABOVE AND BELOW ALL OPENINGS, EXTENDING

REINFORCEMENT A MINIMUM 24" EACH SIDE OF OPENING.
B. IN PARAPETS ABOVE THE ROOF LINE
C. IN ALL MASONRY WALL BELOW FINISH GRADE

7. MASONRY REINFORCEMENT SHALL EXTEND FROM FOOLING TO TIE, OR BOND, BEAM AT TOP OF WALL

8. CONCRETE MASONRY SHALL BE LAID IN A RUNNING BOND PATTERN.

REINFORCING STEEL

1. REINFORCING BAR DEATILING, FABRICATING, AND PLACING SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING STANDARDS: SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301), ACI DETAILING MANUAL (SP66). THE LATEST EDITIONS OF CONCRETE REINFORCING STEEL INSTITUTE'S REINFORCING BAR DETAILING AND PLACING REINFORCING BARS MAY ALSO BE USED.

2. REINFORCING STEEL SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM A615-85 AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.

3. PROVIDE SPECIFIED BAR CHOIRS AND SPACERS AS REQUIRED TO MAINTAIN CONCRETE PROTECTION SPECIFIED.

4. REINFORCEMENT BARS SHALL NOT BE TACK WELDED, WELDED, HEATED OR CUT UNLESS INDICATED IN THE CONTRACT DOCUMENTS OR APPROVAL BY THE STRUCTURAL ENGINEER. REINFORCING STEEL SHALL NOT BE FIELD BENT.

5. REINFORCING STEEL WHICH IS TO BE WELDED SHALL BE REINFORCEMENT CONFORMING TO ASTM A706 "LOW-ALLOY STEEL DEFORMED BARS FOR CONCRETE REINFORCEMENT".

6. WELDING OF REINFORCEMENT BARS, WHEN APPROVED BY THE STRUCTURAL ENGINEER, SHALL CONFORM TO THE LATEST EDITION OF AMERICAN WELDING SOCIETY STANDARDS D1.4. ELECTRODES FOR SHOP AND FIELD WELDING OF REINFORCEMENT BARS SHALL CONFORM TO ASTM A233, CLASS E90XX.

7. WELDED WIRE FABRIC SHALL BE SMOOTH WIRE FABRIC CONFORMING TO ASTM A185 UNLESS OTHERWISE NOTESD. WELDED WIRE FABRIC IN SLABS ON GRADE SHALL BE PLACED 2 INCHES DOWN FROM THE TOP OF THE SLAB UNLESS OTHERWISE NOTED.

8. LAP TO REINFORCING BARS SHALL BE 48x BAR DIAMETER TYPICALLY.

NON SHRINK GROUT

1. GROUT SHALL BE A HIGH EARLY STRENGTH, NON METALLIC, SHRINKAGE, RESISTANT (WHEN TESTED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM C1107 OR CRD-C621), PREMIXED , NON-CORROSIVE, NON-STAINING PRODUCT CONTAINING PORTLAND CEMENT, SILICA SANDS, SHRINKAGE COMPENSATING AGENTS AND FLUIDITY IMPROVING COMPOUNDS.

2. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 6,500 PSI IN 28 DAYS.

3. GROUT COMPRESSIVE STRENGTH TEST SHALL BE PREFORMED IN ACCORDANCE WITH ASTM C109, WITH A RESTRAINING PLATE PLACED OVE THE MOLDS.

ALL DOOR/WINDOW OPENINGS TO HAVE (1)- 'U' LINTEL
w/ 1-#5 BAR AND FILL WITH CONCRETE

CONCRETE

1. REINFORCED CONCRETE HAS DESIGN IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318) BY THE AMERICAN CONCRETE INSTITUTE (ACI).

2. SLABS ON GRADE SHALL BE CONSTRUCTED IN ACCORDANCE WIHT THE GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION (ACI 302.1R).

3. MIXING, TRANSPORTING, AND PLACING OF CONCRETE SHALL CONFORM TO THE LATEST EDITION OF THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301). IN CASE OF A DISCREPANCY, THE PLANS AND SPECIFICATIONS SHALL GOVERN.

4. CONCRETE IN THE FOLLOWING AREAS SHALL HAVE SAND FINE AGGGREGATE AND NORMAL WEIGHT, ANGULAR, COARSE AGGREGATE CONFORMING TO ASTM C33, AND TYPE 1 PORTLAND CEMENT COMFORMING TO ASTM C150, TO THE FOLLOWING SPECS:

LOCATION	28 DAY CONCRETE COMPRESSIVE STRENGTH	AIR CONTENT	WATER/CEMENT RATIO, MAX.
FOOTINGS AND PIERS	4000 psi	OPTIONAL	0.55 NO AIR 0.45 WITH AIR
INTERIOR SLAB ON GRADE	3000 psi	OPTIONAL	0.55 ENSURE PROPER CURING
REINFORCED CONCRETE SUBJECTED TO SALT SPRAY AND BRACKISH WATER	5000 psi	5% +/- 1%	0.40

MAXIMUM CONCRETE SLUMP SHALL BE 3" WITHOUT PLASTICIZER AND 8" WITH A PLASTICIZER. MAXIMUM WATER/ CEMENT RATIO FOR AIR ENROLLMENT (6% +/- 1%) SHALL BE 0.45. PEAROCK MIXES ARE NOT TO BE USED IN SLABS.

5. FOR HEAVILY TRAFFICKED AREAS, CONCRETE SLAB ON GRADE TO HAVE ATTAINED A COMPRESSIVE STRENGTH OF 1600 PSI BEFORE TRAFFIC IS ALLOWED ON THE SLAB ON GRADE.

6. CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C39. COPIES OF THE TEST RESULTS SHALL BE FORWARDED DIRECTLY TO THE STRUCTURAL ENGINEER.

7. FLY ASH MAY BE USED AS A POZZOLAN TO REPLACE A PORTION OF THE PORTLAND CEMENT IN A CONCRETE MIX, SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER. CONCRETE MIXES USING FLY ASH SHALL BE PROPORTIONED TO ACCOUNT FOR THE PROPERTIES OF THE SPECIFIC FLY ASH USED AND TO ACCOUNT OF THE SPECIFIC FLY ASH USED AND TO ACCOUNT FOR SPECIFIC PROPERTIES OF THE FLY ASH CONCRETE THUS RESULTING. THE USE OF FLY ASH IS AT THE OPTION OF THE CONTRACTOR, NOT THE CONCRETE SUPPLIER.

8. SLUMP TESTS SHALL BE MADE PRIOR TO THE ADDITION OF PLASTICIZER. WHERE CONCRETE IS PLACED BY PUMPING METHODS, CONCRETE FOR TEST CYLINDERS AND SLUMP TESTS SHALL BE TAKEN AT THE POINT OF FINAL PLACEMENT.

9. PLACE CONRETE IN A MANNER SO AS TO PREVENT SEGREGATION OF THE MIX. DELAY FLOATING AND TROWELING OPERATIONS UNTIL THE CONCRETE HAS LOST SURFACE WATER SHEEN OR ALL FREE WATER. DO NOT SPRINKLE FREE CEMENT ON THE SLAB SURFACE. FINISHING OF SLAB SURFACES SHALL CONFORM TO THE LATEST EDITIONS OF ACI 302.1R AND ACI 304R (GUIDE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE) AND THE SPECIFICATIONS.

10. PROTECT THE CONCRETE SURFACE BETWEEN FINISHING OPERATIONS ON HOT, DRY DAYS OR ANY TIME PLASTIC SHRINKAGE CRACKS COULD DEVELOP BY USING WET BURLAP, PLASTIC MEMBRANES OR FOGGING. PROTECT CONCRETE DECK AT ALL TIMES FROM RAIN, HAIL, RUNNING WATER OR OTHER INJURIOUS EFFECTS.

11. HORIZONTAL JOINTS WILL NOT BE PERMITTED IN CONCRETE CONSTRUCTION EXCEPT AS SHOWN ON THE CONTRACT DOCUMENTS. VERTICAL JOINTS SHALL OCCUR AT CENTER OF SPANS AT LOCATIONS APPROVED BY THE STRUCTURAL ENGINEER.

12. CONSTRUCTION JOINTS SHALL BE PREPARED BY ROUGHENING THE CONTACT SURFACE IN AN APPROVED MANNER TO A FULL AMPLITUDE OF APPROXIMATELY 1/4 INCH LEAVING THE CONTACT SURFACE CLEAN AND FREE OF LAITANCE. CONSTRUCTION JOINTS AT LOCATIONS OTHER THAN THAT INDICATED ON THE DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.

13.CONDUIT OR PIPE SIZE (O.D.) SHALL NOT EXCEED 30% OF THE SLAB THICKNESS AND SHALL BE PLACED MIDWAY BETWEEN THE TOP AND BOTTOM REINFORCING. CONCENTRATION OF CONDUITS OR PIPES SHALL BE AVOIDED EXCEPT WHERE DETAILED OPENINGS ARE PROVIDED. SEE THE FLORIDA BUILDING CODE 2014, SECTION 1925.3. CONDUITS ARE NOT ALLOWED IN ELEVATED SLABS.

14. CONCRETE COVER/ PROTECTION FAR NONPRESTRESSED REINFORCEMENT SHALL CONFIRM TO THE FOLLOWING:

COST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3.00"
EXPOSED TO EARTH OR WEATHER:	
#5 BARS AND SMALLER	1.50"
#6 THROUGH #18 BARS	2.00"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLABS, WALLS, JOISTS:	
#11 BARS AND SMALLER	0.75"
BEAMS, GIRDERS, COLUMNS:	
PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS	1.50"

15. NO UNPROTECTED ALUMINUM SHALL BE EMBEDDED IN ANY CONCRETE.

16. NO HOLES OR OPENINGS THROUGH FOUNDATION WALLS AND/OR FOOTINGS WITHOUT STRUCTURAL ENGINEER'S APPROVAL.

17. PROVIDE 3/4 INCH CHAMFERS ON ALL EXPOSED CORNERS OF CONCRETE EXCEPT THOSE OBUTTING MASONRY.

GENERAL STRUCTURAL NOTES:

GENERAL

1. THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUCTION WITH THE OTHER CONTRACT DOCUMENTS WHICH INCLUDE, BUT ARE NOT LIMITED TO; ARCHITECTURAL, SITE, CIVIL, ELECTRICAL, AND MECHANICAL DRAWINGS, AND THE SPECIFICATIONS. REPORT ANY DESCREPANCIES BETWEEN CONTRACT DOCUMENTS TO THE ARCHITECT BEFORE PROCEEDING.

2. THESE GENERAL NOTES ARE TO BE READ IN CONJUNCTION WITH THE NOTES ON OTHER STRUCTURAL DRAWINGS.

3. ALL WORK SHALL BE IN ACCORDANCE WIHT THE 2014 FLORIDA BUILDING CODE, FBC. ALL REFERENCED STANDARDS AND CODES SHALL BE AS LISTED IN THE FLORIDA BUILDING CODE 2014.

4. THE STRUCTURE HAS BEEN DESIGNED FOR THE IN-SERVICE LOADS ONLY. THE METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TEMPORARY SYSTEMS TO ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. ALL WORK SHALL BE PERFORMED WITHOUT DAMAGE TO ADJACENT EXISTING WORK.

5. REFER ITEMS ON THE STRUCTURAL DRAWINGS REQUIRING CLARIFICATIONS TO THE ARCHITECT AND STRUCTURAL ENGINEER. DO NOT USE SCALED DIMENSIONS. IN CASE OF A DISCREPANCY BETWEEN DIMENSIONS AND/ OR DETAILS ON THE CONTRACT DOCUMENTS, RELATING TO NEW OR EXISTING CONSTRUCTION, PLEASE NOTIFY THE ARCHITECT AND ENGINEER BEFORE PROCEEDING.

6. COVER NO WORK UNTIL THE APPROPRIATE INSPECTION HAS BEEN COMPLETED.

7. BIDDERS FOR SPECIALTY AND PRE-ENGINEERED SYSTEMS SHALL PROVIDE ALL COMPONENTS OF THESE SYSTEM, PER THE DESIGN CRITERIA, THAT IS MOST COST EFFECTIVE TO THE OWNER. ALL CLARIFICATIONS MUST BE OBTAINED BEFORE BIDDING. THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHOW THE INTENT OF THESE PRE-ENGINEERED, SPECIALTY SYSTEMS. ANY DEVIATIONS FROM THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE REPORTED TO THE STRUCTURAL EOR FOR ADJUSTMENT OF THE CONTRACT DOCUMENTS.

8. ALL SPEACIALTY AND PRE-ENGINEERED SYSTEMS SHALL BE DESIGNED FOR THE LOADS AND LOAD COMBINATIONS OF FBC 2014. THE SPEACIALTY ENGINEER IS RESPONSIBLE FOR STRUCTURAL DESIGN OF THE ACTUAL SYSTEM PROVIDED AND SHALL SIGN AND SEAL THE FINAL DESIGN CALCULATIONS AND DRAWINGS SUBMITTED TO THE EOR AND BUILDING DEPARTMENT FOR APPROVAL. THE OWNER AND CONTRACTOR ARE RESPONSIBLE FOR NON-STRUCTURAL DESIGN APPROVAL OF THE ACTUAL SYSTEM PROVIDED.

9. THE SPECIALTY ENGINEER SHALL BE A FLORIDA LICENSED PROFESSIONAL ENGINEER.

COORDINATION WITH OTHER TRADES

1. WHERE NEW WORK IS TO BE FITTED TO OLD WORK, THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND CONDITIONS IN THE FIELD, AND REPOR ANY ERRORS OR DISCREPANCIES TO THE STRUCTURAL ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY NEW MEMBERS. THE CONTRACTOR HAS THE RESPONSIBILITY FOR THE CARRECTNESS AND FIT OF THE NEW PARTS TO THE OLD PART.

2. THE CONTRACTOR SHALL COORDINATE AND CHECK ALL DIMENSIONS RELATING TO ARCHITECTURAL FINISHES, STRUCTURAL FRAMING, MECHANICAL PENINGS, EQUIPMENT, ETC. THE STRUCTURAL ENGINEER AND ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WIHT WORK IN ANY AREA UNDER QUESTION.

3. PRINCIPAL OPENINGS IN THE STRUCTURE ARE INDICATED ON THE CONTRACT DOCUMENTS. REFER TO THE ARCHITECTURAL, MEACHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR SLEEVES, CURBS, INSERTS, ETC. NOT HEREIN INDICATED. THE CONTRACTOR SHALL VERIFY THE LOCATION OF SLEEVES, OPENINGS, EMBEDDED ITEMS, ETC. AND SHALL ENSURE THAT THEY ARE IN PLACE PRIOR TO THE PLACEMENT OF THE CONCRETE. OPENINGS IN SLABS WITH A MAXIMUM SIDE DIMENSION OR DIAMETER OF 10 INCHES OR LESS SHALL NOT REQUIRE ADDITIONAL FRAMING OR REINFORCEMENT, UNLESS NOTED OTHERWISE. THE STRUCTURAL ENGINEER SHALL APPROVE THE LOCATION OF SLEEVES OR OPENINGS IN STRUCTURAL MEMBERS.

4. THE CONTRACTOR SHALL RELOCATE ALL MECHANICAL PIPING, DUCTS, EQUIPMENT, ELECTRICAL CONDUITS, WIRING AND PLUMBING AS INDICATED WHICH INTERFERE WITH THE PROPOSED CONSTRUCTIO. SERVICE SHALL BE MAINTAINED TO ALL EQUIPMENT WHICH IS SERVED BY MECHANICAL, ELECTRICAL, OR PLUMBING CONDUIT BEING RELOCATED.

5. WATER SHALL NOT BE ADDED TO THE CONCRETE AT THE JOB SITE. IT SHALL BE THE RESPONSIBILTY OF THE CONTRACTOR TO COORDINATE PUMPABLE AND WORKABLE MIX WITHOUT THE ADDITION OF WATER AT THE JOB SITE. THE USE OF PLASTICIZER, RETARDENTS, AND OTHER ADDITIVES SHALL BE AT THE OPTION OF THE CONTRACTOR SUBJECT TO THE THE APPROVAL OF THE STRUCTURAL ENGINEER. FOLLOW THE RECOMMENDATIONS OF THE MANUFACTURER FOR THE PROPER USE OF ADDITIVES. USE OF CALCIUM CHLORIDE OR OTHER CHLORIDE BEARING SALTS WILL NOT BE PERMITTED.

FOUNDATIONS

1. FOUNDATION EXCOVATIONS AND SOIL RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

2. FOUNDATION CONDITIONS NOTED DURING CONSTRUCTION, WHICH DIFFER FROM THOSE DESCRIBED IN THE GEOTECHNICAL REPORT SHALL BE REPORTED TO THE STRUCTURAL ENGINEER BEFORE FURTHER CONSTRUCTION IS ATTEMPTED.

3. FOUNDATIONS AND SOILS RELATED WORK SHALL BE INSPECTED BY A LICENSED GEOTECHNICAL ENGINEER.

4. EXCOVATIONS FOR SPREAD FOOTINGS, OCMBINED FOOTINGS CONTINUOUS FOOTINGS AND/ OR MAT FOUNDATIONS SHALL BE CLEANED AND HAND TAMPERED TO A UNIFORM SURFACE. IF FOOTINGS CANNOT BE PLACED THE SAME DAY EXCOVATIONS ARE OPENED, ADEQUATELY PROTECT THE EXPOSED MATERIAL FROM DETRIMENTAL CHANGE IN CONDITIONS SUCH AS RAIN, DISTURBANCE OR FREEZING. SURFACE RUNOFF SHALL NOT BE ALLOWED TO ENTER THE EXCOVATION.

5. CONTRACTOR TO VERIFY DIMENSIONS, ELEVATIONS AND CONDITIONS AT EVERY EXISTING FOOTING THAT WILL BE USED FOR NEW CONSTRUCTION. EXISTING FOOTING DIMENSIONS MUST CORRESPOND TO THOSE SHOWN ON PLANS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER.

6. ALL ABANDONED FOOTINGS, UTILITIES, ETC., THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.

7. EARTH FORMING OF FOOTINGS AND SLAB ON GRADE IS NOT ALLOWED.

ALLOWABLE SOIL BEARING CAPACITY= 2500 PSF
MODULUS OF SUBGRADE REACTIONS = 150 PCI

8. GROUND WATER SHALL BE ALLOWED FOR SEE GEOTECHNICAL REPORT THE GEOTECHNICAL ENGINEER SHALL SPECIFY REQUIREMENTS FOR BEARING OF THE FOOTINGS BELOW GROUND WATER LEVEL.

SHOP DRAWINGS

1. SUBMIT SHOP DRAWINGS IN A TIMELY MANNER ALLOWING ADEQUATE TIME FOR PROCESSING. SUBMIT SHOP DRAWINGS FOR PROCESSING BEFORE FABRICATING.

2. ALL SHOP DRAWINGS MUST BEAR EVIDENCE OF THE CONTRCTOR'S REVIEW AND APPROVAL PRIOR TO SUBMISSION TO THE ARCHITECT AND/ OR ENGINEER.

3. THE CONTRACTOR/ FABRICATOR IS RESPONSIBLE FOR ALL MATERIALS, QUANTITIES AND DIMENSIONS SHOWN ON THE SHOP DRAWINGS, AND FOR THE METHODS EMPLOYED TO ERECT THESE MATERIALS. REVIEW BY THE ENGINEER SHALL BE FOR DESIGN CONFORMANCE ONMLY.

4. SUBSTITUTIONS SHOWN ON THE SHOP DRAWINGS SHALL BE OF LOT EAST EQUAL QUALITY TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS AND SHALL BE AT NO EXTRA COST TO THE OWNER, UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ARCHITECT AND/ OR ENGINEER. SUCH APPROVAL SHALL BE SUBMITTED WITH THE SHOP DRAWINGS. THE CONTRACTOR'S REVIEW AND FORWARDING OF THE SHOP DRAWINGS TO THE ARCHITECT/ ENGINEER INDICATES THE CONTRACTOR'S APPROVAL AND ACCEPTANCE OF ALL SUBSTITUTIONS AND/ OR CHANGES SUBMITTED.

5. CONCRETE/ MASONRY SHOPS SHALL DETAIL ALL REINFORCING STEEL IN THE CONCRETE/ MASONRY CONSTRUCTUION, INCLUDING ALL BENT BARS, VERTICAL REINFORCING AND HORIZONTAL BOND BEAM REINFORCING. SUBMIT PLANS, ELEVATIONS AND SECTIONS TO CLEARLY SHOW ALL REINFORCEMENT FIT AND LAYOUT.

6. WHEN A COMPUTER GENERATED OUTPUT IS SUBMITTED FOR AN ITEM'S DESIGN, THE DESIGNER SHALL SUBMIT
A. THE NAME OF THE COMPUTER PROGRAM USED
B. THE DESIGN ASSUMPTIONS USED, AND
C. A SUMMARY OF THE OUTPUT, INDICATING CLEARLY THE CONCLUSION(S) DERIVED. SUBMISSION OF COMPUTER GENERATED OUTPUTS, WITHOUT THE CLARIFICAITONS ABOVE, MAY BE RETURNED UNCHECKED.
SHOP DRAWINGS FOR PRE-ENGINEERED OR SPECIALTY SYSTEMS SHALL BE SIGNED, SEALED AND DATED BY THE FLORIDA LICENSED PROFESSIONAL ENGINEER REPONSIBLE FOR THEIR PREPARATION.

7. THE SPECIALTY ENGINEER SHALL DESIGN FOR CRITERIA SHOWN ON THE STRUCTURAL CONSTRUCTION DRAWINGS. IF THE DESIGN CRITERIA IS UNCLEAR, CONTACT THE ENGINEER OF RECORD BEFORE PROCEEDING WITH A DESIGN.

SYSTEMS TO BE DESIGNED BY SPECIALTY ENGINEER
PRE-ENGINEERED METAL BUILDING (COMPLETE SUPERSTRUCTURE)

CONTRACTOR SHALL PROVIDE THE SUPERSTRUCTURE DESIGN TO THE EOR FOR VERIFICATION OF THE FOOTING SIZES BEFORE CONSTRUCTION OF THE FOOTINGS BEGIN.

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Seal

No.	Description	Date

Sea Ya Holdings

Mary Circle

STRUCTURAL GENERAL NOTES

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

A-3.4

Scale