GENERAL NOTES

1. DESIGN LOADS ARE BASED ON FBC BUILDING CODE, 2007 EDITION WITH 2009 REVISIONS.
   (A) WIND REFERENCE – ASCE, 7–05.

   BASIC WIND SPEED: 120 MPH, EXPOSURE C, CATEGORY II, I=1.0, GCpi=±0.18 , ENCLOSED

   ROOF:
   DEAD LOAD 11 PSF (TOP CHORD)
   9 PSF (BOTTOM CHORD)

   LIVE LOAD 16 PSF
   (HIPPED ROOF)

2. FOUNDATIONS AND SLABS ON GRADE ARE DESIGNED TO BEAR ON SOIL WITH A MINIMUM ASSUMED SAFE BEARING CAPACITY OF 1500 PSF. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE CAPACITY UNDER ALL FOUNDATIONS AND SLABS.

3. ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH PROJECT DRAWINGS AND SPECIFICATIONS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIALS SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONNECTIONS AND ANCHOR BOLT LOCATIONS FROM CERTIFIED DRAWINGS AND FABRICATOR'S ANCHOR BOLT SETTING PLANS.

5. DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. THE APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE PLANS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER.

6. THE CONTRACTOR SHALL WORK STRUCTURAL DRAWINGS TOGETHER WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS TO LOCATE DEPRESSED SLABS, SLOPES, DRAINS, REGLETS, BOLT SETTINGS, GRADES, ETC., ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK. IN CASE OF DIMENSIONAL CONFLICTS, ARCH DRAWINGS SHALL SUPERSEDE.

7. 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.

8. THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS. WHERE CONFLICTS EXIST AMONG VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS SHALL GOVERN.

9. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCE, AND SAFETY. THE ENGINEER DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DRAWINGS.

10. ALL STRUCTURES REQUIRE PERIODIC MAINTENANCE TO EXTEND LIFE SPAN AND TO ENSURE STRUCTURAL INTEGRITY FROM EXPOSURE TO THE ENVIRONMENT. A PLANNED PROGRAM OF MAINTENANCE SHALL BE ESTABLISHED BY THE OWNER. THIS PROGRAM SHALL INCLUDE ITEMS SUCH AS, BUT NOT LIMITED TO, PAINTING OF STRUCTURAL STEEL, PROTECTIVE COATINGS FOR CONCRETE, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, CONTROL JOINTS, SPALLS AND CRACKS IN CONCRETE, AND PRESSURE WASHING OF EXPOSED STRUCTURAL ELEMENTS EXPOSED TO SALT ENVIRONMENT OR OTHER HARSH CHEMICALS.

11. THE USE OF REPRODUCTIONS OF THESE CONTRACT DOCUMENTS AND USE OF CAD FILES BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFY HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES HIM TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON.

12. HEADED STUDS (H.S.) SHALL BE "NELSON" OR APPROVED EQUAL. INSTALL USING MANUFACTURER'S SPECIFICATIONS AND IN ACCORDANCE WITH AWS D1.1 ATTACHMENT OF STUDS SHALL BE SUFFICIENT TO DEVELOP THE FULL CAPACITY OF EACH INDIVIDUAL STUD (PER AWS D1.1).

13. EXPANSION ANCHORS MAY BE SUBSTITUTED FOR ANCHOR BOLTS ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD. EXPANSION ANCHORS USED SHALL BE HILTI, RAWL, OR APPROVED EQUAL.

14. PROVIDE DISSIMILAR METAL SEPARATORS AT ALL JUNCTIONS OF ALUMINUM SOFFIT FRAMING AND STRUCTURAL STEEL.

15. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVE OF CAPE DESIGN ENGINEERING CO. IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHALL NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST READILY APPARENT DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

CONCRETE NOTES

1. ALL CONCRETE SHALL BE AS DESIGNED TO DEVELOP A COMPRESSIVE STRENGTH AS FOLLOWS:

FOUNDATIONS	4000 PSI
SLABS ON GRADE	4000 PSI
BEAMS & COLUMNS	4000 PSI
LINTELS / ALL OTHER CONCRETE	4000 PSI

2. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A–615 GRADE 60 (FY=60 KSI).

3. ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318–08 AND THE "MANUALS OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI SP–66 (04). SHOP DRAWINGS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR REVIEW PRIOR TO FABRICATION.

4. ALL BAR SPLICES SHALL BE AS FOLLOWS:

   A. HORIZONTAL BARS WHERE 12" OF CONCRETE WILL BE PLACED BELOW BOTTOM

BAR SIZES #	3	4	5	6	7	8	9	10
4000 PSI LAP (IN)	24	32	40	48	70	81	91	102

   B. ALL OTHER BARS

BAR SIZES #	3	4	5	6	7	8	9	10
4000 PSI LAP (IN)	19	25	31	37	54	62	70	79

5. CALCIUM CHLORIDE SHALL NOT BE USED IN ANY FORM.

6. MINIMUM CONCRETE PROTECTION FOR REINFORCING BARS:

STRUCTURAL PART	MINIMUM CLEAR COVER
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3 INCHES
SLABS, WALLS, NOT EXPOSED TO EARTH OR WEATHER	3/4 INCHES
ALL OTHER CONDITIONS	1.5 INCHES

7. UNLESS OTHERWISE PERMITTED OR SPECIFIED, THE CONCRETE SHALL BE PROPORTIONED AND PRODUCED TO HAVE A SLUMP OF 2" MINIMUM AND 5" MAXIMUM. IMMEDIATELY AFTER DEPOSITING, CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY MEANS OF MECHANICAL VIBRATION.

8. WELDED WIRE REINFORCING SHALL CONFORM TO ASTM A–185.

9. PROVIDE CORNER BARS IN FOOTINGS AND IN TIE BEAMS (CAST IN PLACE & BOND BEAMS).

10. NON–SHRINK GROUT FOR BASE PLATES AND BEARING PLATES SHALL MEET THE FOLLOWING:

    A. NON–METALLIC, SHRINKAGE RESISTANT PREMIXES NON–CORROSIVE, NON–STAINING PRODUCT CONTAINING PORTLAND CEMENT, SILICA SANDS, SHRINKAGE COMPENSATING AGENTS, AND FLUIDITY IMPROVING COMPOUNDS, AND SHALL CONFORM TO CORPS OF ENGINEERS SPECIFICATION FOR NON–SHRINK GROUT, CRD–C621–83.

    B. TWENTY–EIGHT DAY COMPRESSIVE STRENGTH SHALL BE A MINIMUM OF 3000 PSI.

11. PROVIDE MINIMUM TEMPERATURE REINFORCEMENT AS REQUIRED BY ACI 318 IN ALL SLABS AND WALLS WHERE REINFORCEMENT IS NOT INDICATED ON DRAWINGS.

12. HOOKS SHOWN AT THE ENDS OF REINFORCING BARS SHALL BE ACI STANDARD 90° HOOKS OF THE FOLLOWING LENGTHS, UNLESS NOTED OTHERWISE.

BARS SIZES (#)	3	4	5	6	7	8	9	10
LENGTH	6"	8"	10"	12"	14"	16"	19"	22"

13. WALL FOOTINGS (WF) SHALL EXTEND PAST THE END OF A WALL A MINIMUM OF 12".

14. COORDINATE SIZE AND LOCATION OF ALL OPENINGS AND PIPE SLEEVES WITH ARCH AND MECH DRAWINGS. MINIMUM CONCRETE BETWEEN SLEEVES SHALL BE 6 INCHES.

15. ALL EMBEDDED ITEMS, SUCH AS PLATES AND ANCHOR BOLTS, SHALL BE TIED TO REINFORCING STEEL AND/OR FORMWORK PRIOR TO CONCRETE PLACEMENT. "WET" PLACEMENT OF BARS OR EMBED ITEMS SHALL NOT BE PERMITTED.

MASONRY NOTES:

1. MASONRY CONSTRUCTION SHALL CONFORM TO 'ACI 530 & 530.1–BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES', AND 'SPECIFICATIONS', LATEST EDITION. MASONRY WALLS HAVE BEEN DESIGNED AS REINFORCED MASONRY RETAINING WALLS.

2. CONCRETE BLOCKS SHALL CONFORM TO ASTM C 90 (28 DAY STRENGTH = 1900 PSI (NET AREA), F'm = 1500 PSI) LAID IN RUNNING BOND WITH FULL MORTAR EMBEDMENT. ALL BLOCKS SHALL BE NORMAL WEIGHT.

3. MORTAR SHALL BE TYPE M OR S.

4. REINFORCE MASONRY WALLS VERTICALLY AS INDICATED ON APPLICABLE PLANS, DETAILS, SECTIONS, AND NOTES. GROUT (ASTM C476) FOR FILLED CELLS SHALL BE RODDED, VIBRATED, AND PUDDLED DURING PLACEMENT TO ENSURE COMPLETE FILLING OF THE BLOCK CORE. MORTAR BLOCK WEBS ON EITHER SIDE OF FILLED CELLS.

5. FILL ADDITIONAL MASONRY CELLS AT LOCATIONS AS SHOWN ON SECTIONS FOR ANCHORAGE OF DRILLED ANCHORS FOR ANGLES ETC.

6. ALL FILLED CELLS SHALL BE POURED AT LEAST 24 HOURS PRIOR TO POURING OF LINTEL BLOCK OR TIE BEAMS. FILL TWO CELLS @ EACH JAMB FULL HEIGHT WITH GROUT AND ONE #6 IN EACH CELL.

7. ALL VERTICAL REINFORCING STEEL BARS IN CMU WALLS SHALL BE ANCHORED IN THE FOOTING, OR BEAM (LINTEL) UPON WHICH THE WALL RESTS, AND IN THE BEAM AT THE TOP OF THE WALL WITH STANDARD HOOKS AND SHALL BE CONTINUOUS THROUGH ALL INTERMEDIATE WALL BEAMS, IF ANY.

8. ALL CMU REINFORCING STEEL BARS SHALL BE CONTINUOUS WITH THE FOLLOWING LAP SPLICES:

BARS SIZES	3	4	5	6	7	8
8" CMU	18	24	30	39	45	60

9. ALL VERTICAL REINFORCING SHALL BE PROVIDED AS INDICATED AND SHALL BE INSTALLED AS FOLLOWS: PROVIDE CLEAN–OUT SPACE AT BOTTOM OF CELL TO BE REINFORCED AND FILLED (AT LOCATION OF REINFORCING STEEL DOWEL IN FOUNDATIONS OR PREVIOUS CONCRETE PLACEMENT) COMPLETELY CLEAN OUT AND FLUSH CELL TO BE FILLED IN AND INSTALL VERTICAL STEEL AND TIE TO DOWEL AT BOTTOM AND TIE IN PLACE AT TOP CLOSE CLEAN–OUT OPENING, AND FILL WITH GROUT.

10. REINFORCE WALLS WITH TRUSS TYPE (ASTM A–82, #9 GA. WIRE) IN BED JOINTS @ 16" O.C. MEASURED VERTICALLY. PLACE PER MANUFACTURER'S INSTRUCTIONS. PROVIDE PREFABRICATED TEE AND CORNER SECTIONS AT INTERSECTING WALLS (TRUSS TYPE SHALL BE GALVANIZED).

11. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.

FOUNDATION AND SLABS ON GRADE

1. ALL SLABS ON GRADE SHALL HAVE INDICATED MIN. THICKNESS, AND REINFORCEMENT TYPICAL UNLESS OTHERWISE NOTED. MAINTAINED IN CORRECT POSITION AS REQUIRED. ALL SLABS AND THICKENED SLAB EDGES SHALL BE PLACED ON PROPERLY COMPACTED BACKFILL, ON A 10 MIL VAPOR BARRIER AND TERMITE TREATED.

2. ALL SLABS ON GRADE SHALL HAVE KEYED CONSTRUCTION/CONTRACTION JOINTS AND SAWCUT JOINTS PLACED AT NO MORE THAN 30'–00" O.C. AND 15'–00" O.C. RESPECTIVELY IN BOTH DIRECTIONS. SAWCUTS MUST BE MADE AS SOON AS IT IS POSSIBLE TO CUT THE SLAB WITHOUT DISPLACING THE AGGREGATE, AND WITHIN 12 HOURS OF POURING THE SLAB.

3. CONTRACTOR MUST NOTIFY ARCHITECT/ENGINEER IF UNSUITABLE CONDITIONS ARE UNCOVERED TO ATTAIN THE REQUIRED SOIL PRESSURE.

4. COORDINATE ALL PLUMBING WITH FOOTINGS AND STEP FOOTINGS AS REQUIRED. DO NOT EXCAVATE UNDER FOOTINGS TO INSTALL PLUMBING.

5. ALL ORGANIC MATERIALS, REFUSE MATERIALS OR SOFT AREAS SHALL BE REMOVED AND SOIL PREPARED FOR AN ALLOWABLE BEARING PRESSURE AS INDICATED IN SPECIFICATIONS. DEMUCK AND REMOVE ALL ORGANIC MATERIALS OVER THE BUILDING AREA AND 6' BEYOND BUILDING LINES. DEWATER EXCAVATION DURING COMPACTION PROCESS. BACKFILL WITH EITHER CLEAN SAND COMPACTED TO AT LEAST 95% MODIFIED PROCTOR MAX. DENSITY PLACED IN 12" MAX. HIGH LIFTS, OR OTHER ALTERNATE STRUCTURAL BACKFILL APPROVED AND COMPACTED AS DIRECTED BY THE ENGINEER. COMPACTION SHALL BE VERIFIED 24" BELOW THE BASE OF ALL FOOTINGS AND SLABS AND AT ALL LIFT LEVELS.

STRUCTURAL SUBMITTALS REQUIRED

1. IN ADDITION TO SUBMITTAL REQUIRED BY THE PROJECT, SPECIFICATIONS AND ELSEWHERE IN, THE CONSTRUCTION DOCUMENTS, THE FOLLOWING "STRUCTURAL SUBMITTALS" ARE REQUIRED FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD TO COMPLY WITH STATE OF FLORIDA BOARD OF PROFESSIONAL ENGINEERS RULES CHAPTER 61G15–31:
   61G15–31.003 DESIGN OF STRUCTURES UTILIZING PRE–FABRICATED WOOD TRUSSES
   61G15–31.005 DESIGN OF STRUCTURES UTILIZING PRE–CAST AND PRE–STRESSED CONCRETE COMPONENTS

2. ALL "STRUCTURAL SUBMITTAL" SHALL BE PREPARED BY A "SPECIALTY ENGINEER" AS DEFINED BY FLA BOARD OF ENGINEERS RULES.

3. DRAWINGS INTRODUCING ENGINEERING INPUT AND CALCULATIONS SHALL BE SEALED BY THE ENGINEER PREPARING SUCH WORK.

4. THE REVIEW OF "STRUCTURAL SUBMITTAL" BY THE STRUCTURAL ENGINEER OF RECORD SHALL BE TO: VERIFY THAT THE SUBMITTAL HAS BEEN FURNISHED AND PREPARED BY A QUALIFIED PERSON; THAT THE "SPECIALTY ENGINEER" UNDERSTOOD THE INTENT OF THE DESIGN AND USED THE SPECIFIED CRITERIA, AND THAT THE CONFIGURATION OF THE DESIGN IS CONSISTENT WITH THE CONSTRUCTION DOCUMENTS. NO DETAILED CHECK OF DIMENSIONS WILL BE MADE.

TIMBER AND PRE-ENIGINEERED WOOD TRUSS NOTES:

1. ALL LUMBER SHALL BE SOUTHERN YELLOW PINE, NO.2, PRESSURE TREATED WITH THE FOLLOWING MINIMUM ALLOWABLE STRESSES:

SIZE	Fb (PSI)	Ft (PSI)	Fc⊥(PSI)	Fc (PSI)	E (PSI)
2x8	1380	650	565	1550	1,600,000
4x4	1500	825	565	1650	1,600,000
6x6	850	550	375	525	1,200,000
2x12	975	550	565	1450	1,600,000

2. ALL NEW TRUSSES SHALL BE DESIGNED AND FABRICATED AS INDICATED ON THE SPECIFICATIONS, DRAWINGS, SECTIONS, DETAILS AND NOTES. WOOD USED SHALL BE SOUTHERN YELLOW PINE #2 WITH MOISTURE CONTENT OF 19%. PRE–ENGINEERED TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS, TRUSS LAYOUT PLANS AND CALCULATIONS TO THE ARCHITECT/ENGINEER FOR REVIEW. THE SUBMITTAL SHALL BEAR THE SEAL AND SIGNATURE OF A FLORIDA REGISTERED STRUCTURAL ENGINEER. TRUSS DESIGN SHALL COMPLY WITH ALL LOAD REQUIREMENTS INDICATED UNDER "GENERAL NOTES".

3. THE PRE–ENGINEERED TRUSS AND GIRDER MANUFACTURER SHALL SUPPLY THE CONTRACTOR WITH A SCHEDULE OF TRUSS SUPPORTS UPLIFT VALUES. THE CONTRACTOR SHALL SELECT THE APPROPRIATE CONNECTOR (COMPLETE) FOR EACH SUPPORT. SUCH SCHEDULE SHALL BEAR THE SEAL AND SIGNATURE OF A FLORIDA REGISTERED STRUCTURAL ENGINEER.

4. TRUSS BRIDGING SHALL MEET ALL APPLICABLE CODES AND SHALL BE AS INDICATED ON THE SECTIONS AND PLANS.

5. WHEN MANUFACTURED WOOD CONNECTORS ARE USED, CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S RECOMMENDATIONS. USE STAINLESS STEEL CONNECTIONS.

6. STANDARD ROOF TRUSSES SHALL BE DESIGNED FOR A MINIMUM OF 10 PSF (DL) ON THE BOTTOM CHORD. LIVE AND DEAD LOAD REQUIREMENTS SHALL MEET CHAPTER 16 OF THE FBC, LATEST EDITION, AND AS SHOWN UNDER GENERAL NOTES.

7. TRUSSES SHALL BE HANDLED WITH CARE SO THAT THEY ARE NOT DAMAGED. HORIZONTAL BENDING SHALL BE KEPT TO A MINIMUM DURING ERECTION.

8. INSTALL ERECTION BRACING TO HOLD THE TRUSSES TRUE AND PLUMB DURING CONSTRUCTION. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE DESIGN OF THIS BRACING. THE BRACING SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA AND SUBMITTED TO THE CONTRACTING OFFICER FOR REVIEW.

9. TRUSS FRAMING HARDWARE NOT SHOWN ON THE DRAWINGS, SHALL BE DESIGNED BY THE TRUSS ENGINEER. ALTERNATE CONNECTORS TO THOSE SHOWN ON THE DRAWINGS MAY BE SUBMITTED FOR APPROVAL.

10. PROVIDE CONTINUOUS 2"x4" SPRUCE OR BETTER LATERAL BRACE ON TRUSS BOTTOM CHORDS @ 8'–0" O.C. (MAX), TYPICAL. NAIL WITH (2) 16d @ TRUSSES.

11. SEE FRAMING PLANS, SECTIONS AND DETAILS FOR DECKING REQUIREMENTS..

12. ROOF SHEATHING SHALL BE 19/32 MIN. APA 40/20 RATED SHEATHING. THE SHEATHING SHALL BE INSTALLED WITH LONG DIMENSION PERPENDICULAR TO FRAMING AND END JOINTS SHALL BE STAGGERED.

13. ALL PRE–ENGINEERED ROOF TRUSS SUPPORT HURRICANE ANCHORS SHALL BE STAINLESS STEEL. ALL NAILS AND ANCHORS SHALL BE STAINLESS STEEL.

14. SHEATHING SHALL BE FASTENED TO ROOF FRAMING WITH 10d STAINLESS STEEL COMMON (RING–SHANK) NAILS AT 4" O.C. AT PANEL EDGES, 4" O.C AT TRUSS BLOCKING AND AT 4" O.C. ON INTERMEDIATE FRAMING.

ADDITIONAL NOTES:

1. THESE PLANS ARE DESIGNED TO BE IN COMPLIANCE WITH THE STANDARDS ESTABLISHED IN FLORIDA BUILDING CODE, 2007.
2. THE MAIN WIND FORCE RESISTING SYSTEMS ARE DESIGNED IN ACCORDANCE WITH ASCE 7–05 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" TO WITHSTAND THE WIND LOADS ASSOCIATED WITH A MINIMUM BASIC WIND SPEED OF 120 MPH.
3. THE DESIGN AND SPECIFICATIONS OF THE COMPONENTS AND CLADDING ARE IN ACCORDANCE WITH CHAPTER 6 OF THE "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" MENTIONED IN NOTE 2.

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NO	REVISIONS	DATE
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COUNTY OF VOLUSIA
CARDINAL AVENUE LIFEGUARD STATION
STRUCTURAL NOTES
CARDINAL AVENUE
ORMOND BEACH, FLORIDA

PJT#:	10–J–051
DATE:	09–20–11
DRN BY:	P. ROOT
DGN BY:	J. WALLACE
REV BY:	J. WALLACE
SCALE:	

SHEET
S0.1

LUTFI M. MIZED
FL PE# 42004