DESIGN CODE: ---------- 2017 FLORIDA BUILDING CODE

DESIGN LOADS: ---------- ACTUAL AND UNIFORM

ROOF LOADING: (cd=1.25)

TOP CHORD LIVE LOAD ---------- 20 psf
TOP CHORD DEAD LOAD ---------- 15 psf (FLAT ROOF)
BOTTOM CHORD LIVE LOAD ---------- 0 psf
BOTTOM CHORD DEAD LOAD ---------- 5 psf

DEFLECTION CRITERIA:

ROOF FRAMING: LIVE LOAD L/360 TOTAL LOAD L/240

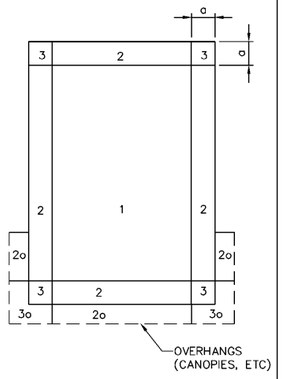
WIND LOADS:

BASIC WIND SPEED	130 MPH
RISK CATEGORY	II
EXPOSURE CATEGORY	'C'
MEAN ROOF HEIGHT	24.0 FT.
ENCLOSURE CLASSIFICATION	'ENCLOSED'
INTERNAL PRESSURE COEFFICIENTS	±0.18 WINDOW/DOOR
PRESSURES	SEE SCHEDULE THIS SHEET

COMPONENTS & CLADDING DESIGN WIND PRESSURES

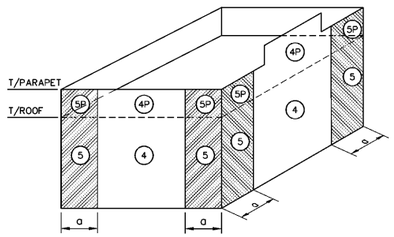
ROOF COMPONENTS & CLADDING			
ROOF NOMINAL DESIGN PRESSURES, 'a' = 5'-6"			
TRIBUTARY AREA (sf)	ZONE 1 (PSF)	ZONE 2 (PSF)	ZONE 3 (PSF)
10	+10 -23	+21 -38	+21 -38
50	+10 -21	+19 -29	+19 -29
100	+10 -21	+18 -25	+18 -25
ROOF OVERHANG NOMINAL DESIGN PRESSURES			
TRIBUTARY AREA (sf)	N/A	ZONE 2o (PSF)	ZONE 3o (PSF)
10	N/A	-33	-33
50	N/A	-32	-32
100	N/A	-31	-31

MINIMUM DEAD LOADS MAY BE SUBTRACTED FOR NET UPLIFT



ROOF PLAN (GENERIC BUILDING SHOWN)

WALL COMPONENTS & CLADDING		
WALL NOMINAL DESIGN PRESSURES (PSF), 'a' = 5'-0"		
TRIBUTARY AREA (sf)	INTERIOR ZONE 4	EDGE STRIP ZONE 5
10	+24.6 -26.7	+24.6 -32.9
50	+22.0 -24.1	+22.0 -27.8
100	+20.9 -23.1	+20.9 -22.6
PARAPET NOMINAL DESIGN "P" PRESSURES		
TRIBUTARY AREA (sf)	INTERIOR ZONE 4P	EDGE STRIP ZONE 5P
10	+54 -38	+54 -43
100	+37 -31	+37 -33
500	+34 -27	+34 -27



WALLS (GENERIC BUILDING SHOWN)

CLADDING TABLE NOTES:

1. DESIGN WIND PRESSURES REPRESENT THE NET PRESSURE (SUM OF EXTERNAL & INTERNAL PRESSURES) APPLIED NORMAL TO WALL SURFACES.
2. LINEAR INTERPOLATION BETWEEN VALUES OF TRIBUTARY AREA IS PERMISSIBLE.
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURE ACTING TOWARD & AWAY FROM THE EXTERIOR WALL SURFACE.
4. ALL COMPONENT & CLADDING WALL ELEMENTS SHALL BE DESIGNED FOR BOTH POSITIVE AND NEGATIVE PRESSURES SHOWN IN TABLE.
5. COMPONENT & CLADDING ELEMENTS WITHIN END DISTANCE FROM THE CORNER OF THE BUILDING SHALL BE DESIGNED FOR THE EDGE STRIP PRESSURES. OTHERWISE, USE INTERIOR ZONE PRESSURES.
6. DESIGN OF WINDOWS/DOORS FASTENING TO THE WALL FRAMING IS THE RESPONSIBILITY OF THE WINDOW/DOOR MANUF./SUPPLIER & SHALL MEET THE ABOVE NOTED POSITIVE AND NEGATIVE PRESSURES.
7. THE VALUES ABOVE ARE ALLOWABLE WIND PRESSURE VALUES (ASD). THE ABOVE WIND PRESSURES HAVE BEEN REDUCE BY 0.60 AS PERMITTED BY THE ALLOWABLE STRESS DESIGN METHODOLOGY. NO FURTHER REDUCTION SHALL BE PERMITTED

GENERAL NOTES:
THESE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKERS AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, MEANS AND METHODS, BRACING, SHORING, FORMS, SCAFFOLDING, GUYING OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER OR STRUCTURAL OBSERVERS SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.

TYPICAL DETAILS AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS. ALL WORK, MATERIALS AND CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND SAFETY REQMT'S.

FOR CLARITY, ALL OPENINGS MAY NOT BE SHOWN ON DRAWINGS. SEE ALSO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING PLANS. ALL OPENINGS AND PENETRATIONS SHALL BE LOCATED AND VERIFIED BY ALL TRADES FROM DRAWINGS MADE BY THEM. CONTRACTOR SHALL NOT PROCEED WITH ANY WORK SHOWN ON DRAWINGS IF IN CONFLICT UNTIL RECEIVING CLARIFICATION FROM ARCHITECT. FOR FRAMING AT OPENINGS, SEE TYPICAL STRUCTURAL DETAILS.

WHERE A DETAIL, TYPICAL DETAIL, SECTION, TYPICAL SECTION OR PLAN NOTE IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL SIMILAR OR LIKE CONDITIONS UNLESS OTHERWISE NOTED.

CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS (DRAWINGS AND SPECIFICATIONS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.

GENERAL NOTES CONTINUE:
CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATIONS OF ACI, PCI, AISC, SJI OR OTHER STANDARDS. WHERE A CONFLICT OCCURS WITHIN THE CONTRACT DOCUMENTS, THE STRICTEST REQUIREMENT SHALL GOVERN.

MATERIAL, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE REFERENCED BUILDING CODE.

THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK. FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS. DO NOT SCALE FOR DIMENSIONS NOT SHOWN ON DRAWINGS. SEND WRITTEN REQUEST FOR INFORMATION TO THE ARCHITECT FOR DIMENSIONS NOT PROVIDED.

ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS. RESOLVE ALL DISCREPANCIES WITH ARCHITECT PRIOR TO START OF CONSTRUCTION. DO NOT SCALE DRAWINGS COORDINATE THE STRUCTURAL DOCUMENTS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DOCUMENTS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION.

CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION. CONTRACTOR HAS SOLE RESPONSIBILITY FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS. CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA SAFETY REGULATIONS FOR ITS EMPLOYEES.

NO STRUCTURAL CHANGE FROM THE APPROVED PLANS AND SPECIFICATIONS SHALL BE MADE IN THE FIELD UNLESS WRITTEN APPROVAL IS OBTAINED PRIOR TO MAKING SUCH CHANGE. CHANGES WITHOUT THE WRITTEN APPROVAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONDITION SHALL BE REPAIRED OR REPLACED AS DIRECTED.

THE MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF THE REQUIRED INSERTS WITH THE GENERAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR SUPPORT STRUCTURES AND INSERTS. THE MECHANICAL CONTRACTOR SHALL FURNISH ALL NECESSARY STRUCTURES FOR MECHANICAL EQUIPMENT, HANGING DEVICES AND INSERTS FOR INSTALLATION OF MECHANICAL EQUIPMENT.

GENERAL MATERIAL SPECIFICATIONS: SEE SPECIFIC SECTIONS FOR MORE INFORMATION

ANCHOR BOLTS & THREADED ROD: SHALL BE IN ACCORDANCE WITH ASTM A 307 OR ASTM F1554 GRADE 36.
WASHERS: SHALL BE IN ACCORDANCE WITH ASTM A500 (GRADE B).
NUTS: SHALL BE IN ACCORDANCE WITH ASTM A 563 GRADE A HEX.
METAL CONNECTORS: ALL METAL CONNECTORS WHICH ARE EXPOSED TO EXTERIOR SHALL BE GALVANIZED.
RETROFIT REBAR/ROD INSTALLATION: EMBEDMENT OF RODS OR REBAR DOWELS SHALL BE 12 BAR DIAMETER MINIMUM, HOLES SHALL BE 1/4" LARGER THAN REBAR SIX AND 1/8" LARGER THAN THREADED ROD SIZE. (U.O.N.)
EPOXY: RED HEAD EPCON G5.
REINFORCING STEEL: SHALL BE ASTM A615, GRADE 60.
STRUCTURAL STEEL: SHALL BE ASTM A992, GRADE 50.
WELDED WIRE FABRIC (WWF): SHALL BE ASTM A185.

FOUNDATIONS:
GEOTECHNICAL DATA AND RECOMMENDATIONS HAVE BEEN PROVIDED BY UNIVERSAL ENGINEERING SCIENCES, UES PROJECT NO. 0930.1800096.0000 UES REPORT NO. 1561513 DATED APRIL 25, 2018. BASED ON THEIR FOUNDATION RECOMMENDATIONS, THE FOLLOWING PARAMETERS MAY BE USED FOR FOUNDATION DESIGN:

•SHALLOW FOUNDATIONS WITH ALLOWABLE BEARING PRESSURE = 2,500 PSF

ALL SHALLOW COLUMN FOUNDATIONS SHOULD BEAR AT A DEPTH OF AT LEAST 18 INCHES BELOW THE EXTERIOR FINAL GRADES. CONTRACTOR SHALL COORDINATE FOOTING DETAILS AND PREPARE GRADE PER GEOTECHNICAL REPORT. GEOTECHNICAL ENGINEER SHALL APPROVE THE DESIGN SOIL BEARING PRESSURE AND DEPTH OF FOOTING.

FOUNDATION PLAN ONLY CONVEYS STRUCTURAL INFORMATION. FOR GENERAL FEATURES, CONDUITS, ELECTRICAL EMBEDS, STEP HEIGHTS, ETC., SEE ARCHITECTURAL PLANS. DO NOT SCALE FOOTING DIMENSIONS AND LOCATIONS FROM THE FOUNDATION PLAN. IF FOOTING SIZE OR LOCATION IS NOT DETERMINED ON PLAN, THEN CONTACT THE STRUCTURAL ENGINEER.

UNLESS OTHERWISE NOTED ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE 3" IN FOOTINGS AND MESH SHALL BE CENTERED IN SLAB ON GRADE USING SUPPORT BARS AND CHAIRS. IN ALL CONTINUOUS FOOTINGS PROVIDE #4 @ 48" O.C. OR ROD CHAIRS. PROVIDE CONTINUITY OF REINFORCING AT INTERSECTIONS OF PERPENDICULAR CONCRETE ELEMENTS BY INSTALLING CORNER BARS, A MINIMUM OF 40 BAR DIAMETERS INTO EACH ELEMENT. SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE 48 BAR DIAMETERS

THE GEOTECHNICAL ENGINEER SHALL ACT AS THE OWNER'S REPRESENTATIVE AND SHALL MAKE OBSERVATIONS AND TESTS AS CONSIDERED NECESSARY FOR QUALITY CONTROL. WHERE FOUNDATIONS OR OTHER CRITICAL ELEMENTS ARE TO BE SUPPORTED ON ENGINEERED FILL, CONTINUOUS OBSERVATIONS AND TESTS OF GRADING OPERATIONS SHALL BE MADE BY THE GEOTECHNICAL ENGINEER. ALL TESTS SHALL BE PERFORMED IN ACCORDANCE WITH PROCEDURES SET FORTH IN THE CURRENT BOOK OF STANDARDS OF THE AMERICAN SOCIETY OF TESTING AND MATERIALS (ASTM).

WHERE FILL IS REQUIRED, IT SHALL BE PLACED IN ACCORDANCE WITH INSTRUCTIONS OF THE PROJECT GEOTECHNICAL ENGINEER TO MAINTAIN DESIGN BEARING PRESSURE.

UNLESS SPECIFICALLY NOTED AS "CANTILEVERED" ON PLAN OR DETAILS, WALLS RETAINING EARTH MUST BE SHORED CONTINUALLY PRIOR TO COMPLETION OF STRUCTURAL SLABS ON GRADES AND/OR ELEVATED SLABS HAVE BEEN PLACED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE DESIGN, ADEQUACY, SAFETY, AND STABILITY OF TEMPORARY ERECTION BRACING AND SHORING.

BACKFILL AGAINST WALLS SHALL BE DEPOSITED EVENLY IN 8" TO 12" LIFTS AGAINST BOTH SIDES OF WALL UNTIL THE LOWER FINAL GRADE IS REACHED. CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR SHORING FOR ALL WORK DURING CONSTRUCTION PERIOD. BACKFILL SHALL NOT BE PLACED AGAINST WALLS UNTIL THE WALLS HAVE ACHIEVED 75% OF SPECIFIED DESIGN STRENGTH.

FOOTINGS SHALL BE CENTERED ABOUT COLUMN LINES UNLESS NOTED OTHERWISE.

TOP OF FOOTING ELEVATIONS PROVIDED ON DRAWINGS ARE FOR PURPOSES OF CONTRACT & SHALL BE ADJUSTED, AS REQUIRED, AT TIME OF EXCAVATION TO BEAR ON PROPERLY PREPARED SUPPORT SUBGRADE (PER GEOTECHNICAL REPORT RECOMMENDATIONS OR FIELD DIRECTIVES OF GEOTECHNICAL ENGINEER ON SITE) OR TO ADJUST FOOTING ELEVATIONS TO AVOID INFLUENCE BETWEEN FOUNDATIONS & BURIED PLUMBING. SEE TYPICAL FOOTING–TRENCH INFLUENCE DETAIL FOR SIMILAR REQUIREMENTS FOR INFLUENCE BETWEEN FOUNDATIONS & BURIED PLUMBING. DO NOT EMBED PIPING WITHIN OR PASS PIPING VERTICALLY OR HORIZONTALLY THROUGH ISOLATED FOOTINGS.

WHERE THE GEOTECHNICAL ENGINEER FINDS AN UNSTABLE CONDITION IS BEING CREATED, EITHER BY CUTTING OR FILLING, THE WORK SHALL NOT PROCEED IN THAT AREA UNTIL AN INVESTIGATION HAS BEEN MADE AND THE GRADING PLAN REVISED.

FILL TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D–1557. PLACE FILL IN LAYERS OF 8" THICK MAXIMUM & UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER. FILL TO BE TESTED TO VERIFY COMPACTION AS REQUIRED BY THE GEOTECHNICAL ENGINEER.

TESTS FOR DEGREE OF COMPACTION SHALL BE DETERMINED BY THE ASTM D–1556 OR ASTM D–2922 TEST METHODS. OBSERVATION AND FIELD TESTS SHALL BE CARRIED ON DURING FILL AND BACKFILL PLACEMENT BY THE GEOTECHNICAL ENGINEER TO ASSIST THE CONTRACTOR IN OBTAINING THE REQUIRED DEGREE OF COMPACTION. IF LESS THAN 95 (U.O.N. IN SOILS REPORT) PERCENT IS INDICATED, ADDITIONAL COMPACTION EFFORT SHALL BE MADE WITH ADJUSTMENT OF THE MOISTURE CONTENT AS REQUIRED COMPACTION IS OBTAINED.

SHOP DRAWINGS:
DESIGN OF PRE–ENGINEERED SYSTEMS SPECIFIED IN THE CONTRACT DOCUMENTS WHICH ARE DESIGNED/ENGINEERED BY OTHERS IS THE SOLE RESPONSIBILITY OF THE DELEGATED ENGINEER. SUBMITTALS OF SUCH SYSTEMS SHALL BE SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE.

STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED IN THE PROJECT DOCUMENTS.

THE CONTRACTOR SHALL SUBMIT, AS REQUIRED, PRINTS OF SHOP DRAWINGS FOR ALL FABRICATED MATERIALS TO ARCHITECT FOR REVIEW.

SHOP DRAWINGS (CONTINUE):
REVIEW IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. NO APPROVAL IS IMPLIED FOR THE ACCURACY OR COMPLETENESS OF DETAILS, QUANTITIES, DIMENSIONS, WEIGHTS OR GAUGES, FABRICATION PROCESSES, CONSTRUCTION MEANS OR METHODS, COORDINATION OF WORK WITH OTHER TRADES OR CONSTRUCTION SAFETY PRECAUTIONS – ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT THE JOBSITE FOR TOLERANCES, CLEARANCES, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE A REVIEW OF THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. REVIEW OF RE–SUBMISSION ONLY COVERS DESIGNATED CHANGES ON THE SUBMITTAL AND OTHER CHANGES CLEARLY IDENTIFIED BY THE CONTRACTOR.
SHOP DRAWINGS REQUIRING A SPECIAL ENGINEERING DESIGN BY THE FABRICATOR SHALL BE STAMPED BY A REGISTERED ENGINEER OF RECORD IN THE STATE IN WHICH CONSTRUCTION WILL OCCUR BEFORE SUBMITTING FOR REVIEW BY THE ARCHITECT/ENGINEER.

COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF ALL APPLICABLE SPECIALTY ITEMS INCLUDING, BUT NOT LIMITED TO, ROOF TRUSSES, CURTAIN WALL GLAZING SYSTEMS, LIGHT GAGE STEEL FRAMING, ORNAMENTAL GUARDRAILS, HANDRAILS AND STAIRS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE IN WHICH THIS BUILDING SHALL BE CONSTRUCTED AND SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.

THE OWNER WILL NOT PAY FOR ADDITIONAL CHARGES DUE TO RE–DETAILING FEES ASSOCIATED WITH A THREE–DIMENSIONAL DETAILING PROGRAM. THE DETAILER SHALL ESTIMATE AND INCLUDE ANY COSTS IN THEIR BID ASSOCIATED WITH RE–DETAILING FEES AS A RESULT OF CHANGES AND/OR REVISIONS MADE TO THE SHOP DRAWINGS DURING THE SHOP DRAWING REVIEW.

SEE GENERAL NOTES FOR DESIGN CRITERIA AND ADDITIONAL REQUIREMENTS. BEARINGS, HOLDDOWNS, FASTENERS, ETC. INDICATED WITHIN WHICH SUPPORT A PRE–ENGINEERED ITEM ARE PRELIMINARY AND SUBJECT TO CHANGE AFTER REVIEW OF THE PRE–ENGINEERED SHOP DRAWINGS. THESE SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE BUILDING DEPT. AS A DEFERRED SUBMITTAL TO THE PERMIT DOCUMENTS.

MISCELLANEOUS STRUCTURES:
PRE–ENGINEERED ALUMINUM CANOPY STRUCTURES OR ANY OTHER APPENDAGE NOT SPECIFICALLY DETAIL HEREIN SHALL BE DESIGNED BY OTHERS. CONTRACTOR SHALL SUBMIT SHOP DRAWING INDICATING CONNECTION POINTS, REACTIONS, & FASTENER REQUIREMENTS. CONTRACTOR SHALL COORDINATE ANY LOADING REQUIREMENTS WITH DELEGATED CFS ENGINEER.

EARTHWORK TESTING:
IT IS REQUIRED THAT THE SITE PREPARATION & FOUNDATION CONSTRUCTION BE MONITORED BY THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE. THE FOLLOWING ARE RECOMMENDED MINIMUM SAMPLING AND TESTING FREQUENCIES.

AT LEAST ONE MOISTURE DENSITY (PROCTOR) TEST, ATTERBERG LIMITS TEST AND PERCENT FINER THAN #200 SIEVE TEST SHOULD BE PERFORMED PER EACH SOIL TYPE SUCH AS SUBGRADE AND SELECT FILL.

IN STRUCTURAL AREAS, AT LEAST 1 DENSITY AND MOISTURE CONTENT TEST PER 5000 SQUARE FEET OF SURFACE AREA SHOULD BE PERFORMED ON THE SUBGRADE SOILS, AND AT LEAST 1 DENSITY AND MOISTURE CONTENT TEST PER 5000 SQUARE FEET OF SURFACE AREA SHOULD BE PERFORMED FOR EACH COMPACTED 8–INCH THICK LAYER OF FILL. TESTING BACKFILL TRENCHES SHOULD BE AT LEAST 1 DENSITY AND MOISTURE CONTENT TEST PER 100 LINEAR FEET OF TRENCH PER 8–INCH COMPACTED FILL THICKNESS. AT 25% OF ANY ISOLATED COLUMN FOOTING LOCATIONS

A MINIMUM OF AT LEAST FIVE (5) DENSITY AND MOISTURE CONTENT TESTS SHOULD BE PERFORMED IN THE BUILDING AREA ON THE SUBGRADE SOILS, AND A MINIMUM OF AT LEAST FIVE (5) DENSITY AND MOISTURE CONTENT TESTS SHOULD BE PERFORMED PER 8–INCH COMPACTED THICKNESS OF FILL IN THE BUILDING AREA. TESTING OF BACKFILLED TRENCHES SHOULD BE AT LEAST 1 DENSITY AND MOISTURE CONTENT TEST PER 100 LINEAR FEET OF TRENCH PER 8–INCH COMPACTED FILL THICKNESS. IT IS IMPERATIVE THAT A QUALIFIED FIELD TECHNICIAN BE ON–SITE DURING ALL SOIL PROCESSING AND PLACEMENT.

SHOP DRAWING SUBMITTAL INDEX

1. CONCRETE REINFORCING
2. CONCRETE MIX DESIGN
3. STRUCTURAL STEEL (*)
4. STEEL JOIST AND DECKING (*)
5. LIGHT GAUGE STEEL FRAMING (*)

NOTES:
1. THE GENERAL CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER REVIEW FOR ALL ITEMS LISTED.
2. ALL SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.
3. ITEMS MARKED (*) SHALL HAVE SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
4. ITEMS MARKED (#) SHALL BE SUBMITTED FOR ENGINEER'S RECORD ONLY.

STRUCTURAL DRAWING INDEX

		PERMIT SET (10-01-18)
		●
S0.0	DESIGN CRITERIA AND GENERAL NOTES	●
S0.1	GENERAL NOTES	●
S1.01	BUILDING 1 FOUNDATION AND GROUND FLOOR PLAN	●
S1.11	BUILDING 1 ROOF FRAMING PLAN	●
S1.21	BUILDING 1 UPPER ROOF FRAMING PLAN	●
S2.0	FOUNDATION SECTIONS AND DETAILS	●
S3.0	TYPICAL ROOF SECTIONS AND DETAILS	●
S3.1	MISCELLANEOUS DETAILS	●
S3.2	SPECIAL JOIST LOADING	●
S4.01	BUILDING 1 STEEL FRAMING ELEVATIONS	●
S4.11	BUILDING 1 STEEL FRAMING ELEVATIONS	●
S5.0	WALL SECTIONS	●
S5.1	WALL SECTIONS	●
S5.2	WALL SECTIONS	●
S6.0	PARAPET BRACING	●

SABO STRUCTURAL ENGINEERING
CA#26599
1200 BEACH BLVD
JAX BEACH, FL.
904.372.4570
CHRIS@SABOENG.COM

CHRISTOPHER J. SABOURIN LICENSE No. 71461 STATE OF FLORIDA PROFESSIONAL ENGINEER

10.01.18
Christopher J Sabourin PE
FL PE#71461

PLAN NAME
BRANAN FIELD WALK
DATE
10.01.18
SSE No.
RW1L-18-0133

ISSUE	DATE
PERMIT	10.01.18
REVISIONS	DATE

STRUCTURAL ENGINEERING FOR
BUILDING 1
BRANAN FIELD WALK
MIDDLEBERG, FL

FIELD ALTERATION
CONTRACTOR SHALL CONTACT CHRISTOPHER SABOURIN PE PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERNATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

SCALING
DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE E.O.R.

DESIGN CRITERIA AND GENERAL NOTES

SHEET
S0.0
SHEET 1 OF 15