DESIGN CODE REFERENCES

THE STRUCTURE IS DESIGN IN ACCORDANCE WITH THE FOLLOWING BUILDING AND DESIGN CODES.
- 2018 INTERNATIONAL BUILDING CODE (IBC 2018)
- 2018 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS (IRC 2018)
- FLOOD RESISTANT DESIGN AND CONSTRUCTION (ASCE 24-14)
- COASTAL CONSTRUCTION MANUAL (FEMA P-55)
- MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDING AND OTHER STRUCTURES (ASCE 7-16)
- BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-14)
- SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301-16)
- BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (TMS 402-2016)
- SPECIFICATION FOR MASONRY STRUCTURES (TMS 602-2016)
- SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS (AISC 360-16, 15TH EDITION STRUCTURAL STEEL MANUAL)
- NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI S100-16)
- NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - NONSTRUCTURAL MEMBERS (AISI S220-15)
- STANDARD SPECIFICATION FOR OPEN WEB STEEL JOISTS AND JOISTS GIRDERS (SJI100-15)
- STANDARD FOR COLD-FORMED STEEL FRAMING-PRESCRIPTIVE METHOD FOR ONE- AND TWO-FAMILY DWELLINGS (AISI 230-19)
- STANDARD SPECIFICATION LOAD TABLES AND WEIGHT TABLES FOR STEEL JOISTS AND JOIST GIRDERS (SJI-17)
- DESIGN MANUAL FOR FLOOR DECK AND ROOF DECKS (SDI)
- NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS 2018)
- GUIDE SPECIFICATIONS FOR STRUCTURAL TIMBER FRAMING (TFEC 2018)
- WOOD FRAME CONSTRUCTION MANUAL FOR ONE- AND TWO - FAMILY DWELLINGS (WFCM 2018)

GENERAL CONSTRUCTION NOTES

1. THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE (FLORIDA EDITION)
2. THE STRUCTURE HAS BEEN ANALYZED AND DESIGNED TO WITHSTAND GRAVITY LOADS IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN SECTION 1606.0 & 1607.0 OF THE INTERNATIONAL BUILDING CODE. REFER TO THE "DESIGN LOAD SCHEDULE" FOR ALL DESIGN CRITERIA.
3. THE STRUCTURE HAS BEEN ANALYZED AND DESIGNED TO WITHSTAND WIND PRESSURES IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN SECTION 1609.0 OF THE INTERNATIONAL BUILDING CODE. REFER TO THE "LATERAL LOAD DESIGN SCHEDULE" FOR ALL DESIGN CRITERIA.
4. THE STRUCTURE HAS BEEN ANALYZED FOR SEISMIC LOADS AND RESISTANCE IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN SECTION 1613.0 OF THE INTERNATIONAL BUILDING CODE. REFER TO THE "LATERAL LOAD DESIGN SCHEDLE" FOR ALL DESIGN CRITERIA.
5. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "2018 INTERNATIONAL BUILDING CODE" AND ALL FEDERAL, STATE AND CITY LAWS, BYLAWS, ORDINANCES AND REGULATIONS IN ANY MANNER AFFECTING THE CONDUCT OF THIS WORK AS WELL AS ALL ORDERS OR DECREES WHICH HAVE BEEN PROMULGATED OR ENACTED BY ANY LEGAL BODIES OR TRIBUNALS HAVING AUTHORITY OR JURISDICTION OVER THE WORK, MATERIALS, EMPLOYEES OR CONTRACT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFETY OF ALL PERSONNEL ON THE JOBSITE. GUIDELINES FOR CONSTRUCTION SAFETY SHALL BE IN ACCORDANCE WITH, BUT NOT LIMITED TO, THE CONSTRUCTION INDUSTRY OSHA SAFETY AND HEALTH STANDARDS (1926 STANDARDS), AND ANY LOCAL ORDINANCES OR CODES WHICH MAY BE APPLICABLE
7. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS, AS WELL AS ALL SPECIFICATIONS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ARCHITECT PRIOR TO PERFORMING WORK.
8. IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, SPECIFICATIONS AND DETAILS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
9. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.
10. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WATER/DAMPPROOFING AND FIREPROOFING ASSEMBLIES.
11. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF MASONRY AND DRYWALL NON-LOAD BEARING PARTITIONS. PROVIDE SLIP CONNECTIONS THAT ALLOW VERTICAL MOVEMENT AT THE TOP OF ALL SUCH PARTITIONS. CONNECTIONS SHALL BE DESIGNED TO LATERALLY SUPPORT THE TOP OF THE WALLS FOR THE CODE-REQUIRED LOAD.
12. ALL COSTS OF INVESTIGATION AND/OR REDESIGN DUE TO IMPROPER INSTALLATION OF STRUCTURAL ELEMENTS BY THE CONTRACTOR OR OTHER ITEMS NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS SHALL BE AT THE CONTRACTORS EXPENSE.
13. THE CONTRACTOR SHALL COORDINATE PRINCIPAL OPENINGS (SLEEVES, CURBS, INSERTS,SHAFTS, ETC.) IN THE STRUCTURE AS INDICATED ON THE CONTRACT DOCUMENTS, WHICH INCLUDE BUT ARE NOT LIMITED TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. THE LOCATION OF SLEEVES OR OPENINGS IN THE STRUCTURAL MEMBERS NOT INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER BEFORE INSTALLATION
14. THE CONTRACTOR SHALL PROVIDE BRACING AS REQUIRED TO MAINTAIN PLUMBNESS AND STABILITY DURING CONSTRUCTION OF BOTH NEW AND EXISTING STRUCTURE.
15. METHODS, PROCEDURES AND THE SEQUENCES (OTHER THAN THAT NOTED ON THE DRAWINGS) OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION AND COORDINATION OF WORK WITH MECHANICAL AND ELECTRICAL WORK.
16. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECT'S OR ENGINEER'S PRESENCE OR REVIEW OF WORK DOES NOT INCLUDE THE ADEQUACY OF THE CONTRACTOR'S MEANS OR METHODS OF CONSTRUCTION.
17. SHORING, BRACING AND PROTECTION OF EXISTING ADJACENT STRUCTURES (INCLUDING STREETS, BUILDINGS, AND STRUCTURES) DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
18. WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST.
19. MINOR DETAILS OR INCIDENTAL ITEMS NOT SHOWN OR SPECIFICALLY INDICATED ON DRAWINGS, BUT NECESSARY FOR A PROPER AND COMPLETE INSTALLATION SHALL BE PROVIDED AS REQUIRED SUCH AS MISCELLANEOUS WOOD OR COLD FORMED STEEL BLOCKING, FRAMING MEMBERS, ANCHORS, FASTENERS, ETC.

PERFORMANCE ASSEMBLIES/ STRUCTURAL COMPONENT DESIGN SUBMITTALS

1. WHEN APPLICABLE, THE CONTRACTOR SHALL SUBMIT, FOR REVIEW, DRAWINGS AND CALCULATIONS FOR ALL PERFORMANCE ASSEMBLIES / STRUCTURAL COMPONENTS IDENTIFIED IN THE GENERAL NOTES AND LISTED BELOW. THE DESIGN OF THESE ASSEMBLIES / ELEMENTS SHALL BE PERFORMED BY LICENSED ENGINEER RETAINED BY THE CONTRACTOR. ALL SUBMITTALS SHALL BE SIGNED AND SEALED BY ENGINEERS LICENSED IN THE STATE OF THE PROJECT'S JURISDICTION. REVIEW SHALL BE FOR GENERAL CONFORMANCE WITH THE PROJECT REQUIREMENTS AS INDICATED ON THE DRAWINGS AND IN THE GENERAL NOTES.
   A. STEEL CONNECTIONS:
   DESIGNS SHALL INCLUDE DESIGN AND DETAILING OF ALL CONNECTIONS NOT FULLY DETAILED WITHIN THE CONTRACT DOCUMENTS. CONNECTION STANDARDS SHALL BE IN ACCORDANCE WITH TYPICAL CONNECTION DETAILS AS INDICATED ON THE DRAWINGS. CONNECTIONS SHALL INCLUDE SHEAR / MOMENT CONNECTIONS AND SHALL BE DESIGNED IN ACCORDANCE WITH THE AISC "MANUAL OF STEEL CONSTRUCTION"
   B. NON-LOAD BEARING GAUGE METAL STUD WALLS:
   DESIGNS SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES. BACK UP SYSTEM AND STUD WALLS SHALL BE DESIGNED FOR A MAXIMUM DEFLECTION OF L/600 (BRICK/STONE) OF THE SPAN, OR 3/8", WHICHEVER IS LESS, & L/360 (ALL OTHER FINISHES), OR 1/2", WHICHEVER IS LESS.
   C. CURTAIN WALL SYSTEMS:
   DESIGNS SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL REQUIREMENTS BY APPLICABLE BUILDING CODES. CURTAIN WALL SHALL BE DESIGNED FOR COMPONENTS & CLADDING WIND PRESSURES WITH A MAXIMUM DEFLECTION OF L/120 OR 3/4" WHICHEVER IS LESS. CONNECTIONS TO EXISTING STRUCTURE SHALL ACCOUNT FOR VERTICAL DEFLECTION DUE TO LIVE LOAD OF BEAMS AND SLABS UP TO A MAXIMUM OF 1 1/2"
   D. METAL STAIRS, RAILINGS, GUARDRAILS, AND LADDERS:
   DESIGN SHALL TAKE INTO ACCOUNT ALL VERTICAL AND LATERAL LOADS REQUIRED BY APPLICABLE BUILDING CODES. ALL CONNECTIONS TO BUILDING STRUCTURE SHALL CONCENTRICALLY LOAD FRAMING MEMBERS WHERE EVER POSSIBLE. WHERE ECCENTRIC CONNECTIONS TO STRUCTURE ARE NECESSARY SUPPLEMENTARY FRAMING MAY BE REQUIRED TO STRENGTH MEMBERS. ANY ADDITIONAL FRAMING IDENTIFIED BY E.O.R. DURING SHOP DRAWING REVIEW SHALL BE ADDED TO STRUCTURE AT NO ADDITIONAL COST TO OWNER. HANDRAILS / GUARDRAILS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF IBC SECTION 1607.8.
   E. PRE-FABRICATED CANOPIES / AWNINGS:
   DESIGN SHALL TAKE INTO ACCOUNT ALL VERTICAL LOADS INCLUDING UPLIFT REQUIRED BY APPLICABLE BUILDING CODES. ALL CONNECTIONS TO BUILDING STRUCTURE SHALL CONCENTRICALLY LOAD FRAMING MEMBERS WHERE EVER POSSIBLE. WHERE ECCENTRIC CONNECTIONS TO STRUCTURE ARE NECESSARY SUPPLEMENTARY FRAMING MAY BE REQUIRED TO STRENGTH MEMBERS. ANY ADDITIONAL FRAMING IDENTIFIED BY E.O.R. DURING SHOP DRAWING REVIEW SHALL ADDED TO STRUCTURE AT NO ADDITIONAL COST TO OWNER.
   F. MATERIAL LIFT FOUNDATION & ANCHORAGE:
   DESIGN SHALL ACCOUNT FOR ALL VERTICAL AND LATERAL LOADS REQUIRED BY MATERIAL LIFT MANUFACTURER AND APPLICABLE BUILDING CODES. DESIGN SHALL INCLUDE PAD FOUNDATIONS IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION AND ANCHORAGE CONNECTIONS TO BUILDING STRUCTURE.

SHOP DRAWINGS

1. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL COMPONENTS. SUBMISSIONS TO THE DESIGN PROFESSIONAL SHALL INCLUDE, BUT ARE NOT LIMITED TO THE ITEMS INDICATED IN THE SHOP DRAWING SUBMITTAL SCHEDULE.
2. SHOP DRAWINGS SHALL BEAR THE CONTRACTOR'S STAMP OR APPROVAL WHICH SHALL CONSTITUTE CERTIFCATION THAT THE CONTRACTOR HAS VERIFIED ALL CONSTRUCTION CRITERIA, MATERIALS, AND SIMILAR DATA AND HAS CHECKED EACH DRAWING FOR COMPLETENESS, COORDINATION, AND COMPLIANCE WITH THE CONTRACT DOCUMENTS.
3. ANY SUBMISSION INDICATED TO INCLUDE SIGNED & SEALED CALCULATIONS AND DO NOT MEET MINIMUM DESIGN / SUBMISSION REQUIREMENTS SHALL BE IMMEDIATELY REJECTED.
4. ALL SUBMITTALS SHALL INDICATE THE ISSUE DATE OF STRUCTURAL DRAWINGS UTILIZED WHEN PREPARING SUBMITTAL. IN CONTRACT DOCUMENT DATE IS NOT CURRENT, SUBMITTAL SHALL BE IMMEDIATELY REJECTED.
5. ALL UPDATES / CHANGES TO SUBMITTALS AS PART OF RESUBMISSION SHALL BE BUBBLED. ANY RESUBMISSION WITHOUT REVISION BUBBLES SHALL BE IMMEDIATELY REJECTED.
6. IT IS THE FABRICATOR & CONTRACTOR RESPONSIBILITY TO VERIFY ALL DIMENSIONS ARE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
7. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS FROM CONTRACT DOCUMENTS SHALL BE BUBBLED BY MANUFACTURER OR FABRICATOR. ANY OF THE AFOREMENTIONED WHICH ARE NOT BUBBLED OR FLAGGED BY SUBMITTING PARTIES SHALL BE CONSIDERED NOT APPROVED AFTER ENGINEERS REVIEW, UNLESS NOTED ACCORDINGLY.
8. THE ENGINEER HAS THE RIGHT TO APPROVE OR DISAPPROVE ANY CHANGES TO CONTRACT DOCUMENTS AT ANYTIME BEFORE OR AFTER SHOP DRAWING REVIEW. ANY REPRODUCTION OF THE ORIGINAL STRUCTURAL DOCUMENTS ON THE SHOP DRAWINGS IN PROHIBITED AND SHALL BE IMMEDIATELY REJECTED.
9. THE SHOP DRAWINGS DO NOT REPLACE THE CONTRACT DOCUMENTS. ITEMS OMITTED OR SHOWN INCORRECTLY AND ARE NOT FLAGGED BY THE STRUCTURAL ENGINEER OR ARCHITECT ARE NOT TO BE CONSIDERED CHANGES TO THE CONTRACT DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBLITY TO MAKE SURE ITEMS ARE CONSTRUCTED TO CONTRACT DOCUMENTS.
10. THE ADEQUACY OF ENGINEERING DESIGNS AND LAYOUT PERFORMED BY OTHERS RESTS WITH THE DESIGNING OR SUBMITTING PARTY.
11. REVIEWING IS INTENDED ONLY AS AN AID TO THE CONTRACTOR IN OBTAINING CORRECT SHOP DRAWINGS. RESPONSIBLITY FOR CORRECTNESS SHALL REST WITHT HE FABRICATOR / CONTRACTOR.
12. SHOP DRAWINGS FOR ALL STRUCTURAL MATERIALS TO BE SUBMITTED TO ARCHITECT FOR REVIEW PRIOR TO THE START OF FABRICATION OR COMMENCEMENT OF WORK. REVIEW PERIOD SHALL BE A MINIMUM OF TWO (2) WEEKS.
13. SUBMITTAL MARKED "NO EXCEPTIONS TAKEN" OR "MAKE CORRECTIONS NOTED" DOES NOT REQUIRE RESUBMISSION TO E.O.R. SUBMITAL MARKED "REVISE / RESUBMIT" OR "REJECTED" SHALL REQUIRE RESUBMISSION.
14. FABRICATOR / CONTRACTOR REQUEST FOR REVIEW / VERIFICATION OF PREVIOUSLY APPROVED SUBMITTAL SHALL BE AT AN ADDITIONAL COST TO THE PROJECT AND SHALL BE SUBMITTED TO OWNER AS CHANGE ORDER TO STRUCTURAL ENGINEERING CONTRACT.

SHOP DRAWING SUBMITTAL SCHEDULE

	MATERIAL/COMPONENT	SUBMITTAL REQUIRED	SIGNED & SEALED CALCULATIONS
		YES	YES
FOUNDATION			
1	GROUND IMPROVEMENT	--	--
2	PILES (TIMBER/STEEL/HELICAL)	--	--
CAST-IN-PLACE CONCRETE			
1	CONCRETE MIX DESIGN	X	--
2	CONCRETE REINFORCING	X	--
3	CONSTRUCTION & EXPANSION JOINT LOCATIONS	--	--
MASONRY			
1	REINFORCING	X	--
2	MATERIALS; GROUT, MORTAR, CMU BLOCK AND BOND BEAMS	X	--
3	PRECAST CONCRETE LINTEL	--	--
METALS			
1	STRUCTURAL STEEL	X	--
2	STEEL CONNECTION	X	X
3	METAL DECK	X	--
4	STRUCTURAL COMPOSITE BEAM HEADED STUDS	X	--
5	STEEL BAR JOIST	X	--
6	STEEL STAIRS / PLATFORMS / RAILINGS	X	X
7	STEEL GUARDS / SAFETY RAILINGS	X	--
8	STONE/BRICK LINTELS AND RELIEVING ANGLES	--	--
9	COMSLAB	--	--
10	DELTABEAM	--	--
11	COLD FORMED METAL FRAMING (LOAD BEARING)	--	--
12	COLD FORMED METAL FRAMING (NON-LOAD BEARING)	--	--
13	COLD FORMED METAL TRUSS LAYOUT (ECOSPAN)	--	--
WOOD AND COMPOSITES			
1	WOOD LUMBER, HANGERS AND SHEATHING, HOLDDOWNS	--	--
2	WOOD TRUSS LAYOUT AND CALCULATIONS	--	--
OTHER			
1	ELEVATOR	X	--
2	CRANE	--	--
3	CONCRETE TEMPORARY SHORING	--	--
4	POST INSTALLED ANCHORS, MATERIALS, ADHESIVES	X	--
5	FABCON PRECAST WALL PANELS	--	--

ABBREVIATION KEY

ADD'L	ADDITIONAL	LONG.	LONGITUDINAL
AESS.	ARCHITECTURALLY EXPOSED	L.P.	LOW POINT
ALT.	ALTERNATE	L.W.	LONG WAY
ARCH.	ARCHITECTURAL	MAX	MAXIMUM
BAL.	BALANCE	M.C.	MOMENT CONNECTION
BM.	BEAM	M.D.	METAL DECK
B.O.S.	BOTTOM OF STEEL	MECH.	MECHANICAL
BOT.	BOTTOM	MIN.	MINIMUM
BP.	BASE PLATE	MISC.	MISCELLANEOUS
BR.	BEARING PLATE	M.O.	MASONRY OPENING
C	CAMBER	MOM.	MOMENT
C.J.	CONTRACTION JOINT	NFP.	NO FIREPROOFING
CL	CENTERLINE	N.L.B.	NON-LOAD BEARING WALL
CLR.	CLEARANCE	N.T.S.	NOT TO SCALE
COL.	COLUMN	O.C.	ON CENTER (SPACING)
CONC.	CONCRETE	O.D.	OUTSIDE DIAMETER
CONT.	CONTINUOUS	OPNG.	OPENING
CONST.	CONSTRUCTION	OPP.	OPPOSITE
CVR.	COVER	P.A.F.	POWDER ACTUATED FASTENER
DIA.	DIAMETER	PLT.	PLATE
DBL	DOUBLE	PSI.	POUNDS PER SQUARE INCH
DWG.	DRAWING	PSF.	POUNDS PER SQUARE FEET
DWL(S)	DOWEL(S)	R	RADIUS
EA.	EACH	R.A.	RIGHT END
EE.	EACH END	REF	REFERENCE
EF.	EACH FACE	REINF.	REINFORCING
ELEV.	ELEVATION	REQ'D	REQUIRED
E.O.D.	EDGE OF DECK	S.C.	SHEAR CONNECTION
E.O.S.	EDGE OF SLAB	SCHD.	SCHEDULE
EQ.	EQUAL SPACING	SECT.	SECTION
EW	EACH WAY	SIM.	SIMILAR
EXP. JT.	EXPANSION JOINT	S.O.G.	SLAB ON GRADE
EXIST.	EXISTING	SR	STUDRAIL
FIN.	FINISH	SST.	STAINLESS STEEL
F.L.	FACADE LINE	STIFF.	STIFFENER
FLG.	FLANGE FT FEET OR FOOT	STRUCT.	STRUCTURE
FLR.	FLOOR	S.W.	SHORT WAY
F.P.	FIREPROOFING (FIREPROOF)	SYMM.	SYMMETRICAL T TOP
F.S.	FOOTING STEP	T.G.	TRANSFER GIRDER
FTG.	FOOTING	THK	THICK
Fy.	YIELD STRESS	T.O.	THROUGH OUT
GALV.	GALVANIZED	T.O.B.	TOP OF BUTTRESS
GC. COORD	GC. COORDINATE	T.O.P.	TOP OF PIER
GR.	GRADE	T.O.S.	TOP OF STEEL
HOR.	HORIZONTAL	T.O.W.	TOP OF WALL
H.P.	HIGH POINT	TYP	TYPICAL
H.S.	HIGH STRENGTH	U.N.O.	UNLESS NOTED OTHERWISE
H.S.B.	HIGH STRENGTH BOLT	VA.	VARIES
HT.	HEIGHT	VERT.	VERTICAL
IN.	OR" INCHES	V.I.F.	VERIFY IN FIELD
JST.	JOIST	W/	WITH
KSI.	KIPS PER SQUARE INCHES	W.C.	WALL COLUMN
LLH.	LONG LEG HORIZONTAL	W.P.	WORK POINT
LLV.	LONG LEG VERTICAL	W.S.	WALL STEP
		W.W.F.	WIRE WELDED FABRIC

SPECIAL INSPECTIONS

SPECIAL INSPECTION SHALL MEET THE REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING CODE (FLORIDA EDITION). WHERE ALL SPECIAL INSPECTOR(S) SHALL BE HIRED BY THE OWNER TO PERFORM THE REQUIRED SPECIAL INSPECTIONS, THE NAMES OF PERSONS OR FIRMS WHO ARE TO PERFORM THE SPECIAL INSPECTIONS SHALL BE FORWARDED TO THE BUILDING OFFICIAL FOR APPROVAL. THE SPECIAL INSPECTOR(S) SHALL COMPLETE AND SUBMIT ALL FORMS REQUIRED BY **(OKEECHOBEE, FLORIDA)**

1. SPECIAL INSPECTOR(S) SHALL:
   A. OBSERVE THE WORK ASSIGNED FOR CONFORMANCE TO THE APPROVED DRAWING AND SPECIFICATIONS.
   B. FURNISH INSPECTION REPORTS TO THE ENGINEER OF RECORD AND BUILDING DEPARTMENT. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF NOT CORRECTED TO THE ENGINEER AND THE BUILDING DEPARTMENT.
   C. SUBMIT TO THE ENGINEER OF RECORD AND THE BUILDING DEPARTMENT A SIGNED FINAL REPORT STATING THAT THE WORK WAS IN COMFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.
2. SPECIAL INSPECTION NOTES:
   A. CONTINUOUS SPECIAL INSPECTION IS ALWAYS REQUIRED DURING THE PERFORMANCE OF THE WORK UNLESS SPECIFICALLY NOTED BELOW.
   B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE SPECIAL INSPECTOR(S) WITH ADVANCE NOTICE, NO LESS THAN ONE WORKING DAY, OF THE INITIATION OF ANY WORK REQUIRED TO HAVE SPECIAL INSPECTIONS. ALL WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION WILL BE SUBJECT TO REMOVAL.

SPECIAL INSPECTION SCHEDULE

Y	N	SPECIAL INSPECTION	CODE/SECTION
X		STEEL CONSTRUCTION	IBC 1705.2
X		STEEL CONSTRUCTION - STRUCTURAL STEEL	IBC 1705.2.1
X		STEEL CONSTRUCTION - COLD FORMED STEEL DECK	IBC 1705.2.2
X		STEEL CONSTRUCTION - OPEN-WEB JOISTS/JOIST GIRDERS	IBC 1705.2.3
	X	STEEL CONSTRUCTION - COLD-FORMED TRUSSES (L>60Ft)	IBC 1705.2.4
X		CONCRETE CONSTRUCTION	IBC 1705.3
	X	CONCRETE CONSTRUCTION - WELDING (REBAR)	IBC 1705.3.1
X		CONCRETE CONSTRUCTION - MATERIAL TESTS	IBC 1705.3.2
X		MASONRY CONSTRUCTION	IBC 1705.4
	X	MASONRY CONSTRUCTION - RISK CATEGORY IV MASONRY	IBC 1705.4.1
	X	MASONRY CONSTRUCTION - VERTICAL MASONRY FOUNDATIONS	IBC 1705.4.2
X		SOILS	IBC 1705.6
	X	DRIVEN DEEP FOUNDATIONS	IBC 1705.7
	X	CAST-IN-PLACE DEEP FOUNDATIONS	IBC 1705.8
	X	HELICAL PILE FOUNDATIONS	IBC 1705.9
	X	FABRICATED ITEMS (SEE NOTE 2)	IBC 1705.10
	X	SEISMIC RESISTANCE (SPECIAL INSPECTIONS)	IBC 1705.12
	X	SEISMIC RESISTANCE (TESTING)	IBC 1705.13
	X	SPRAYED FIRE-RESISTANT MATERIALS	IBC 1705.14
	X	MASTIC & INTUMESCENT FIRE-RESISTANT COATINGS	IBC 1705.15
X		POST INSTALLED ANCHORS	IBC TABLE 1705.3

NOTES:
1. REFERENCE STATEMENT OF SPECIAL INSPECTIONS FOR LIST OF ALL REQUIRED INSPECTIONS LISTED ABOVE.
2. WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR'S SHOP, CONTINUOUS SPECIAL INSPECTION IS REQUIRED DURING THE PERFORMANCE OF THE WORK EXCEPT AS ALLOWED IN IBC SECTION 1704.2.5.1 AND UNLESS SPECIFICALLY NOTED BELOW.

SYMBOLS KEY

CONCRETE WALL - LOAD BEARING (UP/DOWN)	INDICATES TIMBER PILE OR STEEL PIPE PILE
CONCRETE WALL - LOAD BEARING (TERMINATES AT UNDERSIDE OF SLAB)	INDICATES STEEL H-PILE
CMU WALL - LOAD BEARING (UP/DOWN)	INDICATES BEAM TO COLUMN MOMENT CONNECTION
CONCRETE WALL - LOAD BEARING (CHANGE IN WIDTH)	INDICATES BEAM TO BEAM MOMENT CONNECTION
CONCRETE WALL - LOAD BEARING (UP FROM FLOOR LEVEL)	INDICATES TORSIONAL MOMENT CONNECTION
LOAD BEARING STUD WALL (BELOW)	INDICATES DIRECTION OF METAL DECK
SW-# X'-X" LOAD BEARING & SHEAR WALL (BELOW)	INDICATES STEP IN SLAB/FLOOR
SW-# X'-X" NON-LOAD BEARING SHEAR WALL (BELOW)	INDICATES SLOPE IN SLAB/FLOOR
CMU WALL - ABOVE (FOR REFERENCE)	# INDICATES TWO-WAY CONCRETE SLAB
LOAD BEARING STUD WALL - ABOVE (FOR REFERENCE)	# INDICATES ONE-WAY CONCRETE SLAB
NON-LOAD BEARING CMU WALL - ABOVE (FOR REFERENCE)	? INDICATES CONCRETE SLAB ON GRADE
# INDICATES CONCRETE COLUMN DOWN	# INDICATES CONCRETE COLUMN UP
INDICATES STEEL COLUMN DOWN	INDICATES STEEL COLUMN UP
INDICATES STEEL COLUMN UP & DOWN	INDICATES WOOD POST DOWN DOUBLE 2x JACK STUD U.N.O. (SEE NOTE 4)
C# BP# INDICATES STEEL COLUMN	INDICATES POST ABOVE
OPENING / PENETRATION	D SLAB DEPRESSION

NOTES:
1. REFERENCE TYPICAL CONCRETE WALL CONSTRUCTION DETAIL FOR ADDITIONAL INFORMATION
2. REFERENCE TYPICAL CMU WALL CONSTRUCTION DETAIL ON FOR ADDITIONAL INFORMATION
3. REFERENCE TYPICAL INTERIOR NON-LOAD BEARING CMU CONSTRUCTION DETAIL FOR ADDITIONAL INFORMATION.
4. DOUBLE 2x POST SIZE SHALL MATCH ADJACENT WALL SIZE (U.N.O.)

STRUCTURAL DRAWING LIST

ISSUED FOR: PERMIT
DATE: 12/26/23

● ISSUED - NEW SHEET
◒ ISSUED - REVISION MADE
○ ISSUED - NO REVISION MADE
⊗ SHEET REMOVED

PERMIT 12/26/23	DRAWING TITLE	SHEET NO.	
●	GENERAL NOTES & DESIGN CRITERIA	S001	1
●	STRUCTURAL SPECIFICATIONS	S002	2
●	STRUCTURAL SPECIFICATIONS	S003	3
●	SCHEDULES	S004	4
●	FOUNDATION PLAN A	S101A	5
●	FOUNDATION PLAN B	S101B	6
●	FOUNDATION PLAN C	S101C	7
●	2ND FLOOR FRAMING PLAN A	S102A	8
●	2ND FLOOR FRAMING PLAN B	S102B	9
●	2ND FLOOR FRAMING PLAN C	S102C	10
●	ROOF FRAMING PLAN A	S103A	11
●	ROOF FRAMING PLAN B	S103B	12
●	ROOF FRAMING PLAN C	S103C	13
●	FOUNDATION DETAILS	S201	14
●	FRAMING DETAILS	S301	15
●	ROOF FRAMING DETAILS	S311	16
●	TYPICAL SPREAD FOOTING DETAILS	S501	17
●	TYPICAL SLAB ON GRADE DETAILS	S502	18
●	ELEVATOR PIT TYPICAL DETAILS	S506	19
●	TYPICAL CONCRETE FOUNDATION WALLS DETAILS	S508	20
●	STRUCTURAL STEEL TYPICAL DETAILS	S521	21
●	STRUCTURAL STEEL CONNECTION TYPICAL DETAIL	S522	22
●	STEEL BAR JOISTS TYPICAL DETAILS	S524	23
●	COMPOSITE METAL DECK TYPICAL DETAILS	S526	24
●	MASONRY WALL CONSTRUCTION TYPICAL DETAILS	S531	25
●	MASONRY WALL CONSTRUCTION TYPICAL DETAILS	S532	26

NOTES:
1. STANDARD SHEET NUMBERING:
   S000 SERIES - GENERAL NOTES
   S100 SERIES - PLANS
   S200 SERIES - FOUNDATION DETAILS
   S300 SERIES - SUPERSTRUCTURE DETAILS
   S400 SERIES - LATERAL BRACING DETAILS
   S500 SERIES - TYPICAL DETAILS
2. S500 SERIES SHEET NUMBERING MAY NOT BE SEQUENTIAL BASED ON BUILDING MATERIALS UTILIZED WITHIN STRUCTURE.

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JASON C. TARANTINO
Jason Tarantino
Digitally signed by Jason Tarantino Date: 2023.12.26 17:09:15 -05'00'
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ISSUED FOR PERMIT

REVISIONS:

Mk	DATE:	REMARKS
	12/26/23	ISSUED FOR PERMIT

PROJECT:
Proposed Commercial Building
Okeechobee (Shopping Center)
FL-78 & Access Road
Okeechobee, Florida, 34978

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DRAWING TITLE:
GENERAL NOTES & DESIGN CRITERIA

DRAFTED BY: NAR
REVIEWED BY: JCT
PROJECT NUMBER: 2318_04
DRAWING SCALE: AS NOTED
DRAWING NUMBER:

S001