COMMERCIAL BUILDING - STRUCTURAL PLAN REVIEW CHECKLIST

The plan reviewers at the City of Ocala endeavor to provide thorough and timely plan review based on the 2017 Florida Building Codes. In order for us to do this, it is important that the applicant provide all the information necessary for the review.

Below you will see a checklist of the general items we are looking for. This is not an exhaustive list. Each building is unique and has its own fingerprint. The applicant may be required to provide more information. But the list below should be sufficient for most construction projects. While certain things may not apply to your specific project (in which case you can mark N/A), the items marked with an asterisk (*) shall be required on all plans, without exception.

GENERAL PLAN REQUIREMENTS

- * 1 - COMPLETED PERMIT APPLICATION
- SUBMIT ELECTRONICALLY (VIA EPLANS INVITATION)
- INCLUDE SITE OR PLOT PLANS FOR EACH SET
- PRODUCT APPROVAL FORM FOR EACH SET
- * DESIGN PROFESSIONAL SIGNED AND SEALED PLANS, EACH PAGE, EACH SET (Original Sign & Seal)

PLANS REQUIRED

- FOUNDATION PLAN (with dimensions)
- * FLOOR PLAN (with dimensions)
- ELEVATIONS (with dimensions)
- TYPICAL WALL SECTIONS
- LIFE SAFETY PLAN
- DETAILS
- ROOM SIZES
- FLOOR HEIGHT
- * CONSTRUCTION TYPE / FBC 6
- * OCCUPANCY CLASSIFICATION / FBC 3
- * SQ. FOOTAGE
- BUILDING LIMITATION / FBC TABLE 500
- * MINIMUM OCCUPANT LOAD

STRUCTURAL DESIGN CRITERIA

DESIGN LOADS

- RISK CATEGORY
- WIND SPEED
- WIND EXPOSURE
- INTERNAL PRESSURE
- COMPONENT AND CLADDING
- FLOOR LIVE LOAD
- ROOF LIVE LOAD

FIRE RATED CONSTRUCTION

- FIRE RESISTANCE RATING / FBC TABLE 601
- FIRE RESISTANCE RATING CORRIDORS / FBC TABLE 1018.1
- FIRE PARTITIONS / FBC 709
- MIN. FIRE RESISTANCE WALLS, OPENINGS TABLE 705.1.2
- FIRE RATED DOORS / FBC TABLE 715.4
- UL LISTING DETAILS FOR FIRE RATED WALLS / FBC 703.2
- SHAFT ENCLOSURES / FBC 708
- FIREWALLS / FBC 706
___ TENANT SEPARATION 704.3

EGRESS
___ EGRESS WIDTH / FBC 1005
___ EGRESS DOOR ILLUMINATION / FBC 1006
___ DOOR SWING 1008.1.2
___ MAIN DOOR SIZE (50%) OF OCCUPANT LOAD
___ PANIC HARDWARE / FBC 1008.1.10
___ TRAVEL DISTANCE / FBC 1016
___ COMMON PATH EGRESS / FBC 1014.3
___ DEAD ENDS / FBC 1018.4
___ STAIRS / FBC 1009
___ NUMBER OF EXITS / FBC 1021
___ RAMPS / FBC 1010
___ HANDRAILINGS / FBC 1012

ROOF
___ ROOF PITCH
___ TRUSS LAYOUT
___ TRUSS REACTIONS
___ CONNECTOR SCHEDULE / FBC 2309
___ SPECIAL ANCHORS / HANGERS
___ ROOF FLASHING / FBC 1503
___ ATTIC ACCESS / FBC 1209.2
___ ATTIC VENTILATION / FBC 1203.2

ADA
___ ACCESSIBLE ROUTE
___ DRINKING FOUNTAINS
___ ACCESSIBLE COUNTERTOP
___ RESTROOM GRAB BARS

MASONRY CONSTRUCTION
___ DOWEL LOCATIONS
___ COLUMNS
___ GABLE BRACING
___ LINTEL SCHEDULE / MANUFACTURER
___ ROOF SHEATHING FASTENING

WOOD CONSTRUCTION
___ ANCHOR BOLT INFOR. / PLACEMENT
___ WELDED WIRE / FIBERCRETE
___ GABLE BRACING
___ HEADER SCHEDULE
___ ROOF SHEATHING FASTENING
___ WALL SHEATHING FASTENING

SPECIAL REQUIREMENTS
___ SPRINKLER REQUIRED / FBC 903
___ THRESHOLD INSPECTOR REQ. / FBC 110.3.7
___ COMMERCIAL FUELING STATIONS / F.S.526.143
___ POSTING OCCUPANT LOAD / FBC 1004.3
___ ASSEMBLY / FBC 1028
___ MANUFACTURED BLDG. / FBC 428
___ HAZARDOUS GLASS / FBC 2406.4

Revised: 02/01/2018