

**VERMILION PARISH POLICE JURY**  
**Building Plans Submittal Checklist**  
(High Wind Load)

**DESIGN CRITERIA** – Indicate which one of the following design criteria will be used.

- Standard for Hurricane Resistant Residential Construction (SSTD 10) for roof pitches 7/12 or less
- American society Civil Engineers -7 (ASCE-7)
- Wood Frame Construction Manual (WFCM) for roof pitches 12/12 or less
- Cold Formed Steel Framing/Prescriptive Methods (CODS/PM)

**Or others as allowed by the 2006 International Building Code**

**CONSTRUCTION PLANS**

**BUILDING PLAN** – Shall include the following:

- Type of construction
- Materials used for compliance in construction
- Insulation & damp proofing, walls, ceilings, floor etc.
- Floor plan with exterior & interior walls, dimensions (size) and use of interior rooms/ceiling heights
- Light, ventilation and heating/cooling
- Porches (open or covered) patios, decks etc
- Square feet to be constructed (main floor and or each additional floor)
- Square feet to be heated/cooled/unconditioned
- Total square feet under roof (total height of structure)
- Wind load design for floor, roof, walls, windows etc.

**FRAMING** – Shall include the following:

- Anchor bolts – bottom plate, interior and exterior load bearing walls, studs to top plate, top plate to rafters
- Sections & cross sections; views of frame construction (include each room, closet, stairs, garage, storage and non storage areas) if necessary
- Wall sheathing, exterior
- Roof, ceiling construction, notching and /or boring (studs, joists, trusses) wall construction, floor construction, doors and windows – locations & sizes
- Connectors, fasteners, hanger straps, clips – roof sheathing, roof covering, fastening – felt and shingles

### FRAMING (CONTINUED)

- Roof area, slope (pitches)
- Drainage layout for roof, bracing of gable walls
- Bonus room or future rooms
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*NOTE:* Include a material list for all phases of construction, interior (inside) and exterior (outside) for compliance to standards referenced in code

### ELECTRICAL PLAN – Shall include the following:

- Where power is available and where meter is located
- Service location, type and size
- Complete riser diagram to include the (conduit size) commercial or if used, wire size and type, along with the meter base size and the voltage and phase, along with various panels
- Lighting schedule – include the wattages of all fixtures
- Power and panel schedules
- Location of all panels, transformers, transformer switches, etc.
- A/C and heating load
- Equipment Schedule – amps on each
- Load calculations – to include lighting, power, equipment, etc. working up to a total connected load
- Available fault current on transformers (if larger than 300 kva)
- AFCI protection for receptacles, lighting and smoke alarms in all required areas
- Receptacles, switches, fixtures and smoke detectors
- GFCI protection for kitchens and bathrooms

### PLUMBING PLAN – Shall include the following:

- Riser diagrams and other details necessary to determine compliance with the plumbing code and standards referenced materials to be used
- In-ground plumbing/Rough-in plumbing/Top-out plumbing
- GFCI protection for kitchen & bathroom receptacles
- Protection of pipes

### MECHANICAL PLAN – Shall include the following

- Equipment types, sizes and locations
- Fan shut down controls
- Ventilation and exhaust systems
- Ductwork materials, layouts and fire protection of penetrations
- Smoke Alarms in all required areas with AFCI protection