



# Delaware County

# CODE COMPLIANCE

Building Regulations    Floodplain Regulations    Zoning Regulations

## SPECIAL INSPECTION AND TESTING SCHEDULE

**1. Concrete**

- Continuous placement inspection
- Exceptions \_\_\_\_\_
- \_\_\_\_\_ Cylinders per \_\_\_\_\_ CY
- Test: \_\_\_\_\_ @7 \_\_\_\_\_ @28 \_\_\_\_\_ Hold

**2. Bolts installed in concrete**

- All bolts
- Location: \_\_\_\_\_

**3. Special moment-resisting concrete frame**

- As Indicated
- Location: \_\_\_\_\_

**4. Reinforcing steel and prestressing tendons**

- Placement inspection
- Stressing and grouting of tendons

**5. Structural Welding**

- Periodic Visual Inspection:
- Single pass fillet welds < 5/16"
  - Steel deck
  - Welded studs
  - Cold formed studs and joists
  - Stair and railing systems
  - Reinforcing steel
- Continuous Visual Inspection
- All other welding
  - Reinforcing steel
  - Other \_\_\_\_\_
- Special moment-resisting frames:
- UT all CJP groove welds
  - UT all CJP groove welds > 5/16"
  - UT all PP groove welds in column splices
  - UT all PP groove welds in column splices > 3/4"
  - UT column flanges at beam flange welds
  - NDT rate reduction per UBC 1703.1 applies
  - Other \_\_\_\_\_

**6. High strength bolting**

- Snug Tight:                     All
- As Indicated
- Full Pretension                 All
- As Indicated

**7. Structural Masonry**     $f_m =$  \_\_\_\_\_, Stresses \_\_\_\_\_

- Verification of  $f_m$ :         Prism tests
- Prism test record
- Unit strength
- Continuous inspection
- Periodic inspection: \_\_\_\_\_

**7. Structural masonry (continued)**

Test:	Before	During
Prisms	<input type="checkbox"/>	<input type="checkbox"/>
Units	<input type="checkbox"/>	<input type="checkbox"/>
Grout	<input type="checkbox"/>	<input type="checkbox"/>
Mortar	<input type="checkbox"/>	<input type="checkbox"/>

**8. Reinforced gypsum concrete**

- Continuous inspection of mixing and placement
- Periodic inspection \_\_\_\_\_
- Strength testing \_\_\_\_\_

**9. Insulating concrete fill**

- Periodic inspection \_\_\_\_\_
- Strength testing \_\_\_\_\_

**10. Spray-applied fire resistive materials**

- Periodic inspection \_\_\_\_\_
- Testing per UBC Std. 7-6

**11. Piling, drilled pier and caisson**

	Continuous	Periodic
Pile Driving	<input type="checkbox"/>	<input type="checkbox"/>
Drilling	<input type="checkbox"/>	<input type="checkbox"/>
Testing	<input type="checkbox"/>	<input type="checkbox"/>

**12. Shotcrete**

- Continuous placement inspection
  - Preconstruction panel
  - In-place cores
- Strength testing:
- Test panel
  - In-place cores

**13. Special grading, excavation, and filling**

- Periodic Inspection
- Subgrade tests \_\_\_\_\_
- Compaction tests \_\_\_\_\_
- Verify bearing strata

**14. Smoke control systems**

- Periodic inspection during ductwork erection
- During system testing

**15. Special cases**

- Shear wall/diaphragm nailing
- Anchorage to existing concrete/masonry
  - Installation inspection
  - Proof load testing
- Shoring
- Underpinning

**Notes:**

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