Key Inspection Points for Masonry Construction

1) **The Inspector needs to be completely familiar with the plans and specifications.**

2) **Do the masonry units, mortar, grout and reinforcing steel meet specifications?**

3) **Are dowels properly placed? Will the length of the dowels provide adequate lapping?**

4) **Verify proper placement of reinforcing steel, joint reinforcement, control joints, flashing, weeps, anchors and any other embedded item detailed in the plans and specifications.**

5) **Verify proper embedment, cover and lap of reinforcing steel, bolts, ties, etc.**

6) **Are the head joints and bed joints full to the depth of the face shell? Are the widths of the mortar joints within specifications?**

7) **Are cleanouts provided in the bottom course of masonry for each cell where the grout pour height exceeds 5' 4 " feet? Are cleanout openings adequately sized?**

8) **Are cells receiving grout sufficient in size and free of obstructions?**

9) **Verify that the walls are plumb and level within tolerances.**

10) **In columns and pilasters:**
    - i) **Is the reinforcing steel properly tied at specified spacing?**
    - ii) **Is the proper gauge column tie being used?**

11) **If grouting is inspected:**
    - i) **Does the grout have adequate slump?**
    - ii) **Is the grout properly consolidated and reconsolidated?**