

THESE ARE SUGGESTED ADDED LANGUAGE ITEMS FOR RELEVANT SECTIONS FOR CSI  
MASTERFORMAT 2004 edition

**SECTION 04 05 23**

**MASONRY ACCESSORIES**

DATE: 01sep05

**PART 1 - GENERAL**

1.01 SUMMARY

A. Related sections:

1. 04 21 13 Brick Masonry.
2. 04 22 00 Concrete Unit Masonry.
- ~~3. 04 22 23 Architectural Concrete Unit Masonry.~~
- ~~4. 04 40 13 Collected Stone.~~
5. 04 72 00 Cast Stone Masonry.
6. 07 65 00 Flexible Flashing.
- 7. 07 65 10 Flexible Flashing/Drainage System.**

**PART 2 - PRODUCTS**

2.01 MANUFACTURED UNITS

A. Weep and cavity wall system:

1. Weep holes: Hohmann & Barnard, Inc.; #341 Series Round Plastic Weep Holes.
2. Ventilator system: Hohmann & Barnard, Inc.; #QV Quadro-Vent.
3. Mortar drainage system from one manufacturer; consisting of drainage mat material and weep ventilator.
  - a. Acceptable manufacturers:
    - 1) Advanced Building Products, Inc.
    - 2) Hohmann & Barnard, Inc.
    - 3) Mortar Net USA, LTD.
    - 4) Sandell Manufacturing Company, Inc.
  - b. Product standard of quality: Mortar Net USA, LTD.; Mortar Net and Mortar Net Weep Vents.
- 4. Voluntary alternate to mortar drainage system: Specified in Flexible Flashing/Drainage System Section.**

**PART 3 - EXECUTION**

3.01 INSTALLATION

- A. Weep and cavity wall system: Installation in respective masonry Section.

**END OF SECTION 04 05 23**

**SECTION 04 21 13**

**BRICK MASONRY**

**PART 1 - GENERAL**

1.01 SUMMARY

- A. Products installed but not furnished in this section:
  - 1. 04 05 13 Masonry Mortaring.
  - 2. 04 05 19 Masonry Anchorage and Reinforcing.
  - 3. 04 05 23 Masonry Accessories.
  - 4. 05 50 00 Metal Fabrications.
  - \*\*5. 07 60 00 Flashing and Sheet Metal.
  - 6. 07 65 00 Flexible Flashing.
  - 7. 07 65 10 Flexible Flashing/Drainage System.**
  - 8. 08 90 00 Louvers and Vents.
  - 9. 08 91 00 Louvers.
  - 10. 08 95 00 Vents.

## PART 2 - PRODUCTS

### 2.01 ACCESSORIES

- A. Weep and cavity materials: Specified in Masonry Accessories Section.**
- B. Cavity wall flashing: Specified in Flexible Flashing Section with alternative method specified in Flexible Flashing/Drainage System Section.**

## PART 3 - EXECUTION

### 3.01 INSTALLATION

- A. Cavity wall flashing:
  - 1. Clean masonry surfaces smooth; maintain free from projections capable of puncturing flashing material.
  - 2. Place flexible flashing on bed of mortar; cover with mortar.
  - 3. Follow requirements indicated in Flexible Flashing Section or if using voluntary alternate, use Flexible Flashing/Drainage System Section.
- B. Weeps:
  - 1. General:
    - a. Install weeps in exterior masonry wythe at ~~\*\*2'-8" \*\*~~O.C. horizontally at heads and sills of openings, in exterior walls at grade, and locations where flashing is indicated.
    - b. Keep weeps and area above flashing free of mortar droppings.
  - 2. Weep holes or ventilators: Install in head joints in accord with ventilator manufacturer's installation instructions.
  - 3. Cavity french drain construction:
    - a. Base installation method on material selection in ACCESSORIES Article.
    - b. Manufactured system: Install in accord with system manufacturer's installation instructions for drainage mat material and weep ventilators..
    - ~~\*\*----- c. Coarse aggregate: Place 3" depth washed pea gravel continuous in cavity at flashing forming "French Drain" to protect weep system from excess mortar droppings for either weep system selected; dam edges at flashing termination to hold gravel in place. Place gravel when brick units are not more than two courses above weep material:~~
    - ~~\*\*----- d. Drainage mat material: Cut mat material approximately 1/2" wider than cavity; set mat at angle sloping to inner wythe face and continuous at flashing when brick units are not more than two courses above weep material:~~
  - 4. Alternate; voluntary:**
    - a. Delete requirements in paragraph "3." above.**
    - b. Use system specified in Flexible Flashing/Drainage System Section.**

END OF SECTION 04 21 13

**SECTION 04 22 00**

**CONCRETE UNIT MASONRY**

**PART 1 - GENERAL**

1.01 SUMMARY

- A. Products installed but not furnished in this section:
1. 04 05 13 Masonry Mortaring.
  2. 04 05 16 Masonry Grouting.
  3. 04 05 19 Masonry Anchorage and Reinforcing.
  4. 04 05 23 Masonry Accessories.
  - \*\*5. 07 60 00 Flashing and Sheet Metal.
  - \*\*6. 07 65 00 Flexible Flashing.
  - \*\*7. **07 65 10 Flexible Flashing/Drainage System.**
  8. 08 11 00 Metal Doors and Frames.
  - ~~9. 08 95 00 Vents.~~

**PART 2 - PRODUCTS**

2.01 ACCESSORIES

- A. **Flexible flashing: Specified in Flexible Flashing Section with alternative method specified in Flexible Flashing/Weep System Section.**

**PART 3 - EXECUTION**

- A. Flexible flashing:
1. Clean masonry surfaces smooth; maintain free from projections capable of puncturing flashing material.
  2. Place flexible flashing on bed of mortar; cover with mortar.
  3. **Follow requirements indicated in Flexible Flashing Section or if using alternative method, use Flexible Flashing/Drainage System Section.**

**END OF SECTION 04 22 00**

**SECTION 07 65 00**

**FLEXIBLE FLASHING**

**PART 1 - GENERAL**

1.01 SUMMARY

- A. Related sections:
1. 04 05 23 Masonry Accessories.
  2. 04 21 13 Brick Masonry
  3. 04 22 00 Concrete Unit Masonry
  4. 04 22 23 Architectural Concrete Unit Masonry
  5. 04 42 00 Exterior Stone Cladding.
  6. 04 72 00 Cast Stone Masonry.
  7. 05 40 00 Cold Formed Metal Framing.

- 8. 06 10 00 Rough Carpentry.
- 9. 07 11 10 Dampproofing.
- 10. 07 60 00 Flashing and Sheet Metal.
- 11. 07 65 10 Flexible Flashing/Drainage System.**

- B. Alternates: Flexible Flashing/Drainage System Section is specified as alternative method replacing conventional mortar deflection devices, accessory metal drip edge where specified or required, and flexible flashing..**

## **PART 2 - PRODUCTS**

NO CHANGES

## **PART 3 - EXECUTION**

### **A. General:**

- 1. Install where indicated, specified, or required in accord with flashing manufacturer's written instructions and as follows. Splicing material on material width to manufacture wider pieces is prohibited unless flashing detail requires material wider than normally manufactured.**
- 2. Extend flashing 6" minimum, beyond opening, each side without stretching flashing material. Lap end joints 4" minimum; seal joints completely with specified flashing adhesive or tape. Fold flashing ends at end of openings or horizontal flashing terminations to form end dam.**
- 3. Masonry back up:**
  - a. Start flashing 1/2" from outside face of exterior wythe, extend through cavity, rising height required to extend above lintel steel \*\* and mortar deflection device \*\* at least 2".**
  - b. Use any of three methods below for installation.**
    - 1) Method 1: Tuck at least 1/2" into masonry bed joint during back-up construction.**
    - 2) Method 2 using masonry reglet if specified in Masonry Accessories Section: Tuck flashing into reglet, secure, and seal.**
    - 3) Method 3 using termination bar:**
      - a) Surface apply after dampproofing installation specified in Dampproofing Section in accord with manufacturer's installation instructions.**
      - b) Install continuous termination bar over flashing face; fasten to masonry surface at top with headed fastener at 16" O.C., maximum.**
- 4. Concrete back up:**
  - a. Start flashing 1/2" from outside face of exterior wythe, extend through cavity, rising height required to extend above lintel steel \*\* and above mortar deflection device \*\* at least 2".**
  - b. Use either of two methods below for installation.**
    - 1) Method 1: Tuck into previously installed concrete reglet specified in Masonry Accessories Section, secure, and seal.**
    - 2) Method 2 using termination bar:**
      - a) Surface apply after dampproofing installation specified in Dampproofing Section in accord with manufacturer's installation instructions.**
      - b) Install continuous termination bar over flashing face; fasten to concrete surface at top with headed fastener at 16" O.C., maximum.**
- 5. Stud back up:**
  - a. Flashing width: Start flashing 1/2" from outside face of exterior wythe, extend through cavity, rising height required to extend above lintel steel \*\* and above mortar deflection device \*\* at least 2".**
  - b. Bed in full bed of flashing manufacturer's adhesive against sheathing material; install continuous termination bar to flashing face at flashing top; fasten to each stud with headed fastener.**

