**Delimitation**

This detail exhibits rebuild strategies with Architectural Terra Cotta (TC). Other options may be appropriate. It is best to consult a professional team of engineers, architects, and architectural conservators when crafting a repair or rebuild scenario for historic architectural TC.

**Considerations**

- Architect/engineer to verify condition and soundness of existing (E) masonry backup. Perform testing as necessary.
- Rebuild or replace backup as necessary.
- Replacing anchors requires performing anchorage pull-testing.
- Accessible existing sound steel that is to remain, requires cleaning and coating with a corrosion inhibitor.
- Corroded steel to be replaced with stainless steel.
- Original TC units are to be replaced in-kind or removed, repaired, and reinstalled not filled.
- Install new TC units not filled.
- Weep holes in units must be kept clear and free of mortar and debris to prevent trapping of moisture after installation.
- The below items should be considered:
  - Tolerances
  - Shims
  - Shoring
  - Modifications to units

*Note: This drawing references Cornice and Parapet - Original Plate 25*

**Inset: Balustrade Anchorage**

**Fill horizontal skyward-facing joints with sealant or lead T-caps**

For parapets that are not of a balustrade design, install through-wall flashing under coping.

**Fill horizontal skyward-facing joints with sealant or lead T-caps**

Seal with sealant at anchor penetrations through flashing system.

**KEY NOTES**

01  (E) Masonry backup, multi-wythe construction
11  Architectural terra cotta
21  Mortar
32  Stainless steel Z anchor
33  Stainless steel plate
37  Stainless steel rod
38  Stainless steel strap anchor
39  Stainless steel split tail or strap and pin anchor
51  Self-adhered flashing system with integral stainless steel drip edge, end dams, and weep vents at each vertical joint
52  Termination bar with continuous bead of sealant
57  Coping
59  Weep holes in underside of each overhanging unit
66  Stainless steel J-bolt
94  (E) Steel angle
96  (E) Steel channel

**KEYWORDS**

Terra Cotta, Hand Pressed, Extruded, Cornice, Parapet, Brick, Restoration, Anchor, Rebuild, Balustrade, Pier, 10.030.0731

**TITLE**

Cornice and Parapet - Rebuild

**SCALE**

None

**REV**

09/23/20

**SHEET NO.**

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