

KEY NOTES

- 01 (E) Masonry backup, multiwythe construction
- 11 Architectural terra cotta, extruded
- 16 Baluster, slip cast
- 17 Bracket unit, hand pressed
- 18 Dentil unit, hand pressed
- 21 Mortar
- 33 Stainless steel plate
- 37 Stainless steel rod
- 38 Stainless steel strap and pin anchor
- 39 Stainless steel split tail anchor
- 51 Flashing system with end dams as required
- 52 Termination bar with continuous sealant
- 54 Stainless steel drip edge; seal and adhere to substrate
- 57 Coping
- 59 Weep vent
- 60 Weep hole at underside of each overhanging TC unit
- 74 Sealant or lead T-caps at all horizontal skyward-facing joints
- 86 Stainless steel J-bolt
- 89 Stainless steel threaded rod
- 94 (E) Structural steel treated with corrosion-inhibiting coating
- 98 (E) Double steel angle outrigger to support hung TC bracket units

GENERAL NOTES

This drawing references Cornice and Parapet - Original Plate 25.

Where anchors penetrate flashing, seal with compatible sealant.

Anchors to be located at end of TC units; shown at cut unit for clarity.

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

DELIMITATION

This detail exhibits rebuild strategies with extruded 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 evaluated and painted, repaired, or replaced with stainless steel based on condition
- Original TC units are to be replaced in-kind or removed, repaired, and reinstalled and 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.
- Design considerations include:
 - Tolerances
 - Shims
 - Shoring
 - Modifications to units
 - (E) Anchor removal

KEYWORDS

Terra cotta, Rebuild, Extruded, Cornice, Parapet, Balustrade, Balustrade, Baluster, Brick, Restoration, Anchor, Repair, Flashing, 10.030.0733

WJE

Developed in cooperation with Wiss, Janney, Elstner & Associates, Inc.

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TERRA COTTA DETAILING SERIES
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TITLE

Cornice and parapet rebuild | Terra cotta, extruded

SCALE

None

REV.

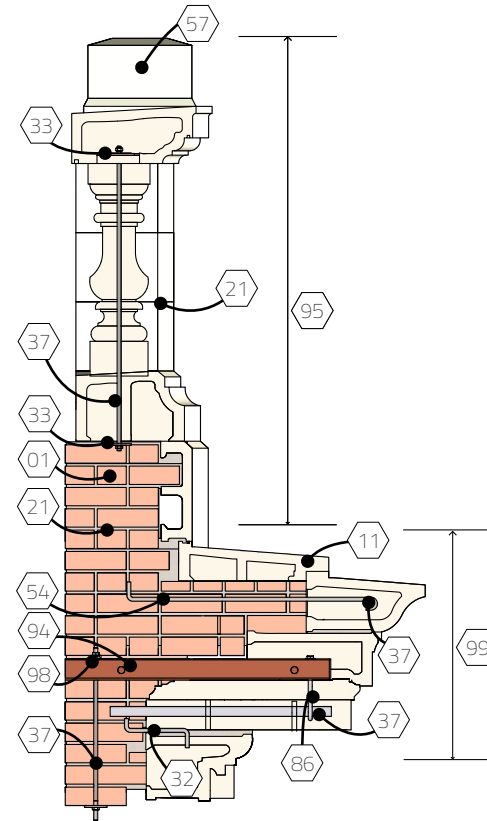
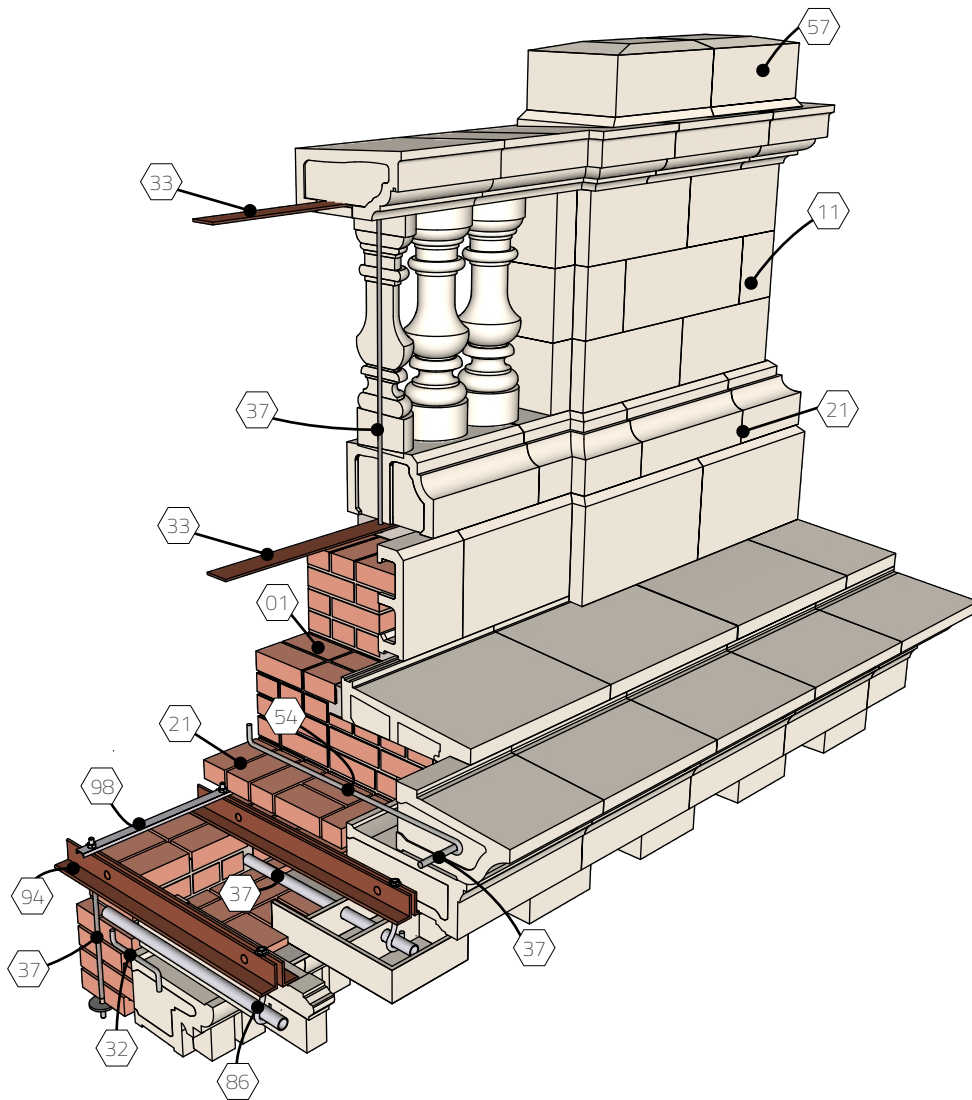
02/01/21

INTERACTIVE MODEL

<https://imisketchupmodels.blogspot.com/2021/01/100300733-cornice-and-parapet-rebuild.html>

SHEET NO.

10.030.0733



Section

KEY NOTES

- 01 Masonry backup, multi-wythe construction
- 11 Architectural terra cotta, hand pressed
- 21 Mortar
- 32 Bent steel bar
- 33 Steel plate
- 37 Steel rod
- 54 Steel hook anchor
- 57 Coping
- 86 Steel J-bolt
- 94 Steel angle
- 95 Parapet
- 98 Steel channel
- 99 Cornice

KEYWORDS

Terra Cotta, Hand Pressed, Cornice, Parapet, Balustrade, Pier Brick, Restoration, Anchor, Repair, Historic, Original Plate 25, 10.030.0731

Note: This Terra Cotta Detail is a modern rendering of the original detail shown in Plate 25 of Terra Cotta Standard Construction, published by the National Terra Cotta Society in 1914.

TITLE

Cornice and Parapet - Original Plate 25

SCALE

None

REV.

09/10/20

SHEET NO.

10.030.0731