KEY NOTES

(01) Masonry backup, multi-wythe construction
(11) Architectural terra cotta, extruded
(21) Mortar
(32) Stainless steel strap and pin anchor
(39) Stainless steel split tail anchor
(51) Flashing system with end dam as required
(52) Termination bar with continuous sealant
(60) Stainless steel drip edge, seal and adhere to substrate
(90) Weep vent
(60) Weep hole at underside of each overhanging TC unit
(72) Sealant and backer rod
(74) Sealant or lead T-caps at all horizontal skyward-facing joints
(75) Plastic setting shims as required
(81) (E) Window assembly
(96) (E) Structural steel treated with corrosion-inhibiting coating

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

GENERAL NOTES
This drawing references Sill and Mullion - Original Plate 32:
Where anchors penetrate flashing, seal with compatible sealant.
Anchors to be located at end of TC units; shown at cut unit for clarity.

KEYWORDS
Terra cotta, Rebuild, Extruded, Sill, Mullion, Brick, Restoration, Anchor, Repair, Window, Flashing, 10.030.0433

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