

## SECTION 01 4610

### REMEDIAL WORK TO CORRECT ERRORS

#### PART 1 GENERAL

##### 1.1 SUMMARY

- A. Work of this Section includes, without limitation, cutting and patching associated with:
  - 1. Construction Errors: Defective, non-conforming, ill-timed and improperly fitting work.
  - 2. Removing Samples of Installed Work: Related patching
  - 3. Testing, Inspection, Verification: Related patching
  - 4. Removing Installed Work Before Testing, Inspection & Verification: Related patching to expose concealed work.
  - 5. Abbreviation for Remedial Work to Correct Errors: RWCE
- B. Subcontractors: Avoid Remedial Work to Correct Errors
  - 1. Coordinate subcontractor work with the Contractor.
  - 2. Who Pays for Subcontractor Remedial Work to Correct Errors: Each Subcontractor
    - a. Due to their error
    - b. Due to their failure to coordinate their work with the Contractor.
- C. Craft: Employ skilled trade workers for work of this section.
- D. Cutting and Patching; Comply with Section 01 7329 - CUTTING AND PATCHING.

##### 1.2 REMEDIAL WORK

- A. Applicability: Remedial work includes cutting and patching associated with:
  - 1. Defective, non-conforming, ill timed, and improperly fitting work.
  - 2. Removing samples of installed work for testing, inspection, and verification.
  - 3. Patching of sample removal locations.
- B. Submittals: Submit for each patching material and product, submit manufacturer's data including instructions, recommendations, and restrictions.
- C. General Requirements for Remedial Work:
  - 1. Cutting: Comply with Section 01 7329 - CUTTING AND PATCHING.
  - 2. Patching Materials: Identical in quality and appearance to materials to be cut and patched.
  - 3. Craft: Employ highly skilled trade workers for all patching work. Quality of work to be equal to or greater quality of work indicated by the design intent.
  - 4. Subcontractors: Coordinate their work with the General Contractor to minimize remedial work.
  - 5. Make durable, permanent patches.
  - 6. Comply with specified tolerances for similar new work.
  - 7. Match the visual quality and character of adjacent unpatched work in good condition.
  - 8. Create true, even surfaces with uniform, continuous appearance.
  - 9. Extend patched area onto adjoining unpatched areas to eliminate visible evidence of patching.
  - 10. Repaint entire assemblies, not only the patched area, to nearest major change of plane.
  - 11. Obtain Architect's written approval of each patch.

12. Visible evidence of patching is sufficient cause for rejection and replacement. Work requiring remediation is to be reviewed and approved by the Architect prior to concealment. If acceptable to the Architect, visual approval may be granted by means of photographs submitted to the Architect instead of a Field Review.

### 1.3 REMEDIAL WORK TO CORRECT ERRORS RELATED TO STRUCTURAL ASSEMBLIES

- A. For all RWCE related to building structural assemblies, includes without limitation:

1. Structural Concrete
2. Structural Steel
3. Structural Deck
4. Structural Light-Gage Metal Framing
5. Structural Wood
6. Structural Connections
7. All other Structural Assemblies.

- B. Comply with Division 01 Section Delegated Design;

- C. Delegated Design Responsibilities:

1. Engineer, calculate, design document, prepare, professionally seal, sign RWCE
2. Submit: Structural calculations, shop drawings, erection drawings, installation drawings, and all other documents needed for RWCE. Approval required prior to conducting RWCE. Upon completion, retesting by owners third-party testing company to be conducted and reconducted until approval is achieved at contractors expense. Work is not to be concealed until receipt of approved test results.
3. Submit: Certification that RWCE is equivalent to, or stronger than original work.

**PART 2 PRODUCTS NOT USED**

**PART 3 EXECUTION NOT USED**

**END OF SECTION**