

SECTION 01 45 01
WATERPROOFING WORK COORDINATION

PART 1 - GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Contractor shall be responsible for special coordination of waterproofing work including coordination with the Contractor's Waterproofing Consultant.
 - 1. Contractor shall schedule and integrate all waterproofing and related work.
- B. Construct and install building components in accordance with Contract Documents.
 - 1. If in Contractor's opinion, either before or after award of Contract, Contract Documents are incorrect, incomplete, conflicting, or in any way unacceptable, Contractor shall bring alleged defects to Architect's attention.
 - 2. Construction impacting waterproofing work shall not proceed until defects are resolved and corrected.

1.02 QUALITY ASSURANCE

- A. Inspections and Testing: Conduct inspections and tests to determine building, as built, is permanently waterproof. Such inspections and testing shall be conducted by an Inspection and Testing Company specializing in waterproofing of frame buildings
 - 1. General Contractor's Inspection and Testing Company shall determine designated Hold Points, and conduct inspections and tests at designated Hold Points designed to prevent waterproofing components from being covered prior to inspection.
 - 2. At a minimum, Hold-points for testing shall include after all flashing, windows, waterproof membranes and lath (if lath is being used) are installed, prior to installation of plaster or other final wall material.
 - 3. Prior to testing the General Contractor's Inspection and Testing Company shall do an in-depth inspection and locate all fasteners that have no backing (also known as shiners) and provide a list and drawings locating all shiners.
 - 4. General Contractor's Inspection and Testing Company shall develop special checklists to ensure inspections and tests required are completed prior to components being covered.
- B. General Contractor's Special Waterproofing Coordination Personnel: Contractor shall designate person or persons eligible to perform inspections and tests of waterproofing systems.
- C. Contractor shall submit names and qualifications of such individuals to VA for review and approval, and notify Architect 48 hours before water testing.
 - 1. General Contractor's approved persons shall be authorized to stop work if until assemblies have been tested and proved water proof.

1.03 SUBMITTALS

- A. Submit the following :
- B. Special Waterproofing Coordination Schedule: Submit special waterproofing coordination schedule indicating times in construction schedule where waterproofing systems are to be involved; list General

Contractor's Hold Points on special schedule.

- C. Checklists: Submit General Contractor's special waterproofing checklists that include complete coordination requirements for waterproofing systems; organize in format consistent with Special Waterproofing Coordination Schedule.
 - 1. Submit verified completed checklists for each phase of Work to VA.
- D. A list of all fastener

1.04 SCHEDULING

- A. Phases of Waterproofing Work: Contractor shall use specified Checklists during construction to verify work performed.
- B. Schedule of Work: Prior to start of work of each phase of waterproofing work, Contractor shall conduct inspections and tests on preceding phase of work using approved Checklists.
 - 1. Contractor shall not proceed with any work that conceals waterproofing related work until such inspections and tests are completed and documented by the General Contractor's Inspection and Testing Company and the work is certified waterproof by the General Contractor's Inspection and Testing Company.

END OF SECTION