

4:01.2 Horizontal and vertical construction joints in the reactor building cylindrical shell and dome shall be prepared for receiving the next pour by either sandblasting, air water jet, bush hammering, or other means to remove all coatings, stains, debris or other foreign material. The horizontal joints shall be dampened (but not saturated), then thoroughly covered with a coat of neat cement mortar of similar proportions to the mortar in the concrete. The mortar shall be at least 1/2 inch thick and fresh concrete shall be placed before the mortar has attained its initial set. The vertical joints shall be dampened (but not saturated) before concrete is placed.

4:02 Expansion Joints

4:02.1 Premolded expansion joint filler shall conform to "Spec. for Pre-formed Expansion Joint Fillers for Concrete Paving and Structural Construction (Non-extruding and Resilient Non-bituminous Types)." ASTM D 1752-66.

4:02.2 The location size and detail of fillers shall be as shown on the Drawings.

4:02.3 The expansion joints shall be sealed with a material compatible with the premolded expansion joint filler.

4:03 Water Stops

4:03.1 Water stops shall be polyvinyl chloride water stop of the dumbbell, bulb or serrated type as manufactured by W. R. Grace & Co. or approved equal. The location, size and detail of water stops will be as shown on the Drawings.

* 4:03.2 Vulcanizing of water stop shall be inspected and approved by the Inspector or OWNER. Nailing of water stop shall be free of oil, grease, grout, or any other material that prevents good seal.

5:00 QUALITY CONTROL

5:01 Concrete

5:01.1 Each week the CONTRACTOR shall submit to the ENGINEER a concrete pour schedule. (This schedule will give the ENGINEER advance notice so he may check the drawings ahead of time and help eliminate possible problems before pour time.)

The CONTRACTOR shall initiate a concrete pour checkout form to assure that all crafts have completed their work prior to concrete placement. After the form has been signed by each craft, it shall be given to the TESTING LABORATORY and/or ENGINEER prior to concrete placement. This form shall be kept as a record for that pour. Each pour shall have a checkout form.

* See add. @

* See addendum @

See add E. ★★☆☆

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