

ENB-15.48 - Grouted Masonry Construction - Cleanouts - UBC/21/#1

GROUTED MASONRY CONSTRUCTION - CLEANOUTS

Administrative Rule Adopted by Bureau Pursuant to Rule-Making Authority

ARB-ENB-15.48

TOPIC: Masonry Construction - UBC/21/#1

CODE: Structural Specialty Code - 1998 Edition

REVISED: March 1, 1999

REFERENCE: Section 2104.6 - Structural Specialty Code

SUBJECT: Grouted Masonry Construction - Cleanouts

QUESTION: What are the requirements for cleanouts in high lift grouting in masonry construction?

RESPONSE: Standard:

Cleanouts are required for all grout pours over 5 feet in height. A minimum opening of not less than 3 inches by 4 inches shall be provided for a "standard cleanout".

Prior to Construction:

1. The Bureau of Buildings' special inspection coordinators will review this policy at pre-construction meetings.
2. The district building inspector shall explain these requirements at the start of projects where high-lift grouting is to be used.

Construction and Inspections:

Cleanouts shall not be closed until the special inspector has approved the cleanouts and the grout spaces. The district inspector will also inspect the work, as needed, to assure compliance with these requirements.

Alternate Cleanout Designs

Section 104.2.8 of the Structural Specialty Code allows for the use of alternate methods of construction. Section 2104.6 indicates that cleanouts may be omitted when special provisions are provided to keep the bottom and sides of the grout spaces clean and clear prior to grouting.

Any alternate to the "standard cleanout" shall be first approved by the Bureau of Buildings for each permit prior to commencing the masonry construction. Application for approval shall be submitted to district building inspector. The application must include the following:

1. A statement that specifically outlines the reason for the alternate method of construction. The statement must explain how the proposed alternate method of construction complies with the provisions and intent of the code.
2. A description of the construction procedures of the alternate method. As a minimum, the following must be included:
 - a. The supervising individual for the masonry contractor;
 - b. A description of how the alternate methods are to implemented and checked by the masonry contractor.
3. A statement from the engineer of record that indicates he/she has approved the proposed alternate method and whether it will have an adverse effect on the completed structure.

Prior to approval of the alternate method the district building inspector will consult with the special inspection coordinator. Approval or disapproval of an alternate method will be provided, in writing, to the masonry contractor by the district inspector. Copies of the Bureau's action will be provided to the engineer of record and to the general contractor by the district inspector.

HISTORY

New May 1, 1996

Updates May 1, 1996 edition

Revised March 1, 1999

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