



# BLACK MOUNTAIN IRRIGATION DISTRICT CONSTRUCTION REQUIREMENTS

File 407  
Rev. 05/21

## Construction Checklist:

For the construction of new Subdivision works for Fee Simple and Strata development lots within BMID, the following Construction work requirements apply:

- Approval to Construct:** Watermain construction is not permitted within the District unless watermain design drawings have been received, reviewed, and accepted by BMID. Should construction proceed prior to approval being received, BMID reserves the right to require a longer warranty period or refuse acceptance of the subdivision altogether.
- Professional Design and Inspection:** The construction of the water infrastructure is to be conducted under a qualified professional engineering company, registered, and insured in the Province of British Columbia, and their staff. Proof of registration and insurance may be requested. The Professional Engineer is to provide professional assurance that the works are being installed as per the Approved for Construction Drawings, and function as per the design intent.
- Construction Inspections:** Inspections are to be carried out by the Professional Engineer and/or their staff that are retained by the Developer. Copies of inspection reports must be filed on record for the water system works and must be available for review by BMID. Electronic submission of inspection reports is preferred. Insufficient inspections or documentation may constitute the requirement for an extended warranty period incurred by the Developer. If construction activities conflict with existing BMID infrastructure, 48 hours' notice must be given to coordinate with District staff. BMID reserves the right to have District staff conduct onsite inspections at any time.
- Watermain Shutdown:** All watermain shutdowns will be completed by BMID staff. All residential services affected by a shutdown must receive a minimum of 48 hours' notice. All commercial services affected by a shutdown must receive a minimum of 7 days' notice. All notifications of shutdowns will be delivered by hand and by the Developer. BMID will provide notification tags.
- Decommissions and Pipe crossings:** All disconnections, decommissioning, and pipe crossings of existing works will be inspected by BMID staff and must be scheduled a minimum of 48 hours in advance. All service lines that are to be decommissioned will be cut off and capped at the mainline. All mainlines to be decommissioned will be cut off and capped or blind flanged at intersecting valves. All curb or nelson boxes that are no longer in use will be removed. Whenever possible pipe crossings under existing watermains will be avoided. See "A/C Water Main Crossing" standard detail drawing in the Design Standards package at [www.bmid.ca](http://www.bmid.ca) for further information on pipe crossings.
- Charges:** All applicable development cost charges and connection fees must be paid prior to tie-in. The Developer or his Contractor shall provide a Performance bond in the amount of 50% of the value of waterworks as per BMID bylaw requirements. A Maintenance Bond for the value of the watermain installation must be provided for a period of two years as per BMID subdivision bylaw. Alternately, a Letter of Credit in the amount of 50% of the value of the watermain infrastructure works is to be provided in lieu of a cash bond.



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- Coordination and Tie-ins:** BMID's "Request for Water Main Tie-in" form must be completed and accepted by the District prior to completion of tie-in. See BMID's "Water Main Testing and Tie-in Procedure" at [www.bmid.ca](http://www.bmid.ca) for further guidance.
- Engineer of Record:** Measurements and recording of the watermain installations shall be sufficient so that an accurate set of Record Drawings can be provided. The Record Drawings are to be provided within 60 days of subdivision registration. Approvals to the engineering firm may be withheld if outstanding items are not received by BMID.
- Final inspection:** Arrangements must be made 48 hours in advance to have BMID complete the final inspection of constructed works. Developer must complete BMID final inspection checklist prior to arranging the final inspection.
- Notice to Developer, Owner or Agent:** Under no circumstances may anyone other than a BMID employee access any of the District's works, including but not limited to valves, hydrants or other fixtures, in accordance with BMID's Bylaws.