

## Mount Si High School Construction Update



### Installation of 4,800 Stone Columns Continues

Progress continues to be made on preparing the foundation for Mount Si High School construction. Last month, crews began the installation of approximately 4,800 stone columns. These columns, which reach the depths of between 40 and 60 feet in the ground, will compact existing soils, support the weight of the new building, and improve drainage. The columns also provide better support for structural safety in the event of a large earthquake. Two cranes are currently installing those columns, using a vibratory probe to reach the required soil depths. Gravel is then fed into the column and compacted as the probe is removed. Column installations will continue over the next few months.

*In the news...* Learn more about the stone columns in these articles:

[Mount Si High School project remains in foundation phase](#), SnoValley Star, 1/17/17

[New Mount Si High will sit atop 4,800 stone columns](#), Daily Journal of Commerce, 8/23/16

### January Status Report & Photos

Read the [January 2017 Status Report](#) for a one-page summary with photos of recent activity from the Project Manager. To date, crews have completed 950 columns, averaging 32 per day. And despite the imposing size of the operation, the vibratory drilling process has been extremely quiet, resulting in **no disruption** to teaching and student learning.

*Photos: A drilling crane (left) is ready for gravel to be filled into the hopper (center) which is then hoisted to the top of the drill (right) and poured into the column.*



### Reminder to Visitors: Changes to Main Entrance & Parking Lots

When students returned from Winter Break, Mount Si's new parking configuration went into effect. If you missed these changes featured in last month's update, please refer to the [instructional video](#) or [updated map](#) for directions. **NOTE:** The main entrance to the school, visitor parking and bus loading areas are now located on the back side of the building, off Shusman Avenue.

**For more information:** Visit the District website at [www.svsd410.org](http://www.svsd410.org) and select the *Facilities Planning and Construction* icon for progress on bond projects.



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