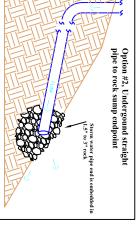


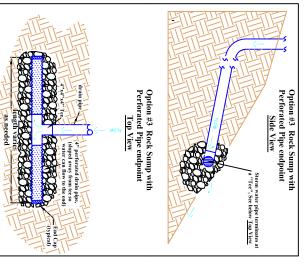
without using an air gap: The extension hose or pipe diameter should be larger than the fixed sump discharge pipe to assure the system is self draining and to provide room for expansion of freezing water

The slope of the extension hose should be uniform throughout its length; trapped water at a sag in the hose will slow drainage and increase chances of freezing damage.

Remove the extension hose or pipe during winter months when sump discharge is minimal; reconnect the extension before the sump pump flow increases, such as during the spring thaw.

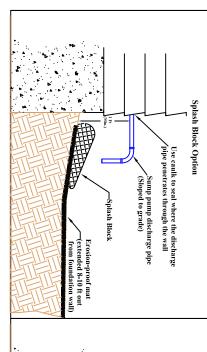
Option #1, Above ground straight pipe endpoint Storm water extension pipe drains to an erosion mat and/or 1.5"-3" rock.

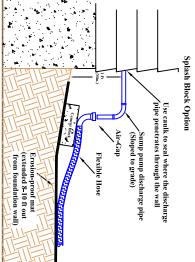




DAYS YOU DIG, CALL DIGGERS HOT LINE

Recommended Sump Pump Discharge End Point Options for Relatively Flat Areas







Consider creating a rain garden at the sump discharge end point.
Numerous types of native perenial plants are available locally that
are attractive to look at, thrive in wet soil, and clean water naturally

715-394-0392 or www.ci.superior.wi.us/sfcpp City of Superior Environmental Services Division of Public Works For more information or questions contact:

each project and is compliant with the City of Superior building code and ordinances

Date: July 6, 2005

Path: cpu 42[c:\sfc pp shared\SFC PP Drawings\Drainage Dwgs\sump discharge endpoint options.dwg|