

RichMir
Private Adult Community, Village of West
Jefferson, Madison County, Ohio
Street, Storm & Water

INTERSECTION & MISC. DETAILS

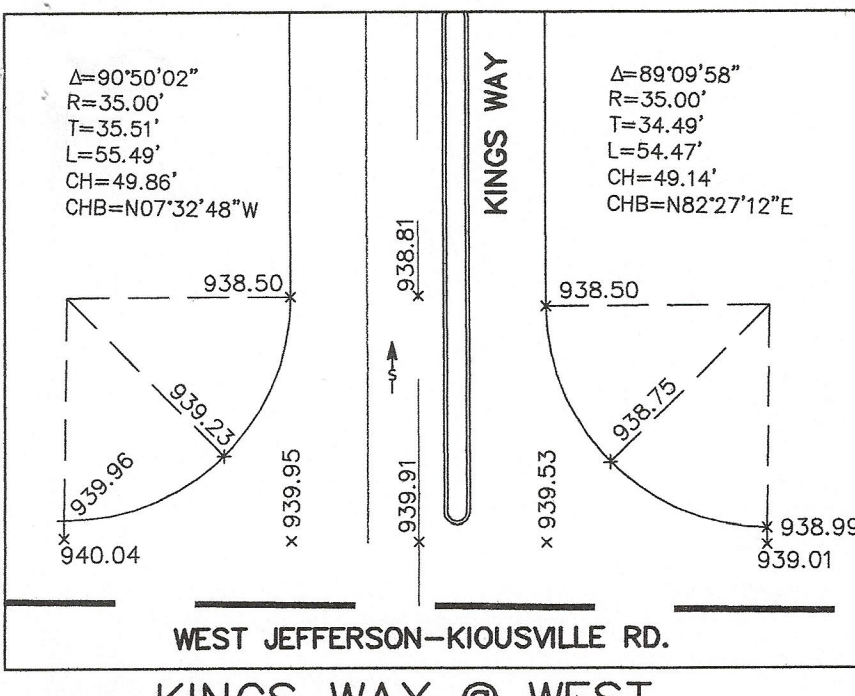
2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

SANDS DECKER LTD.
ENGINEERS PLANNERS
WWW.SANDSDECKER.COM
4588 Kenny Road
Columbus, Ohio 43220
614 - 538 - 8560
Fax: 614 - 538 - 8561

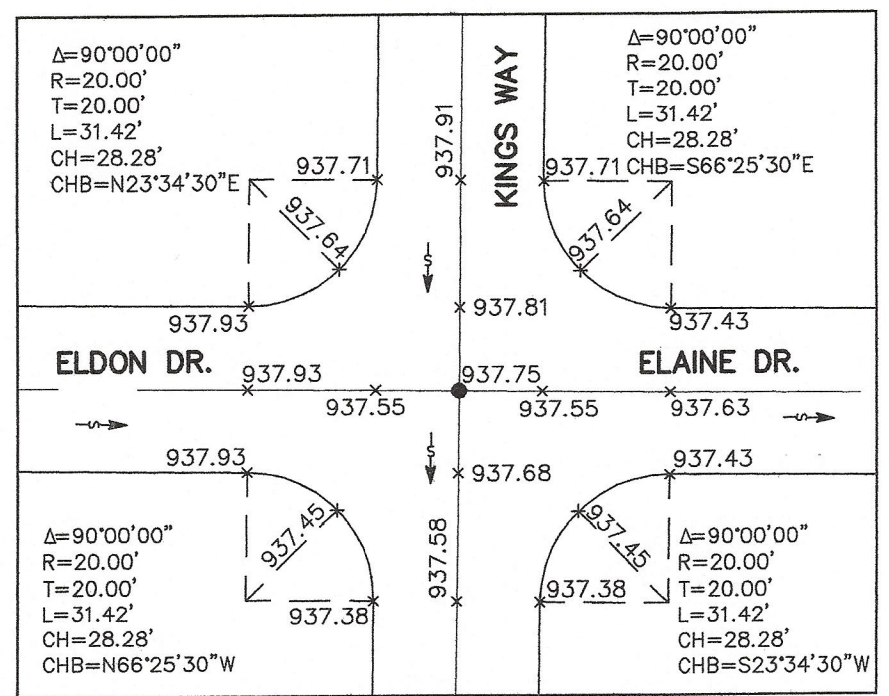
SCALE:
AS SHOWN

REVISIONS:

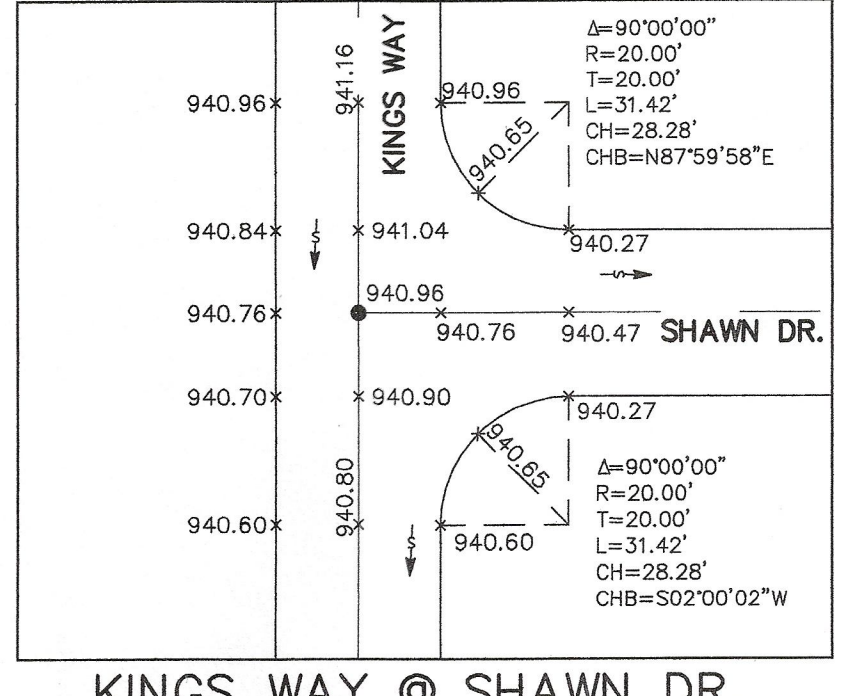
PROJECT #: 1156



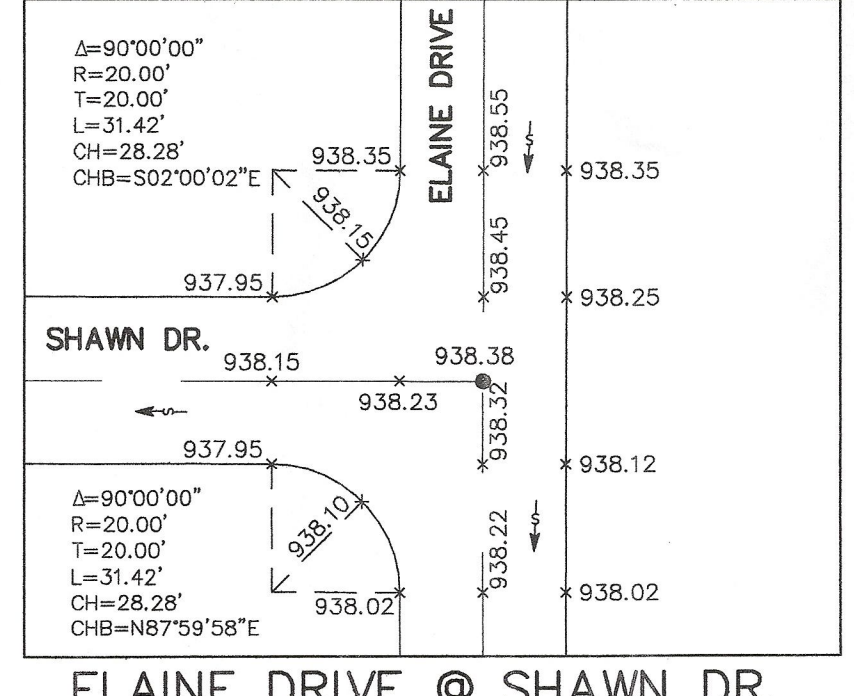
KINGS WAY @ WEST
JEFFERSON-KIOUSVILLE RD
SCALE: 1" = 30'



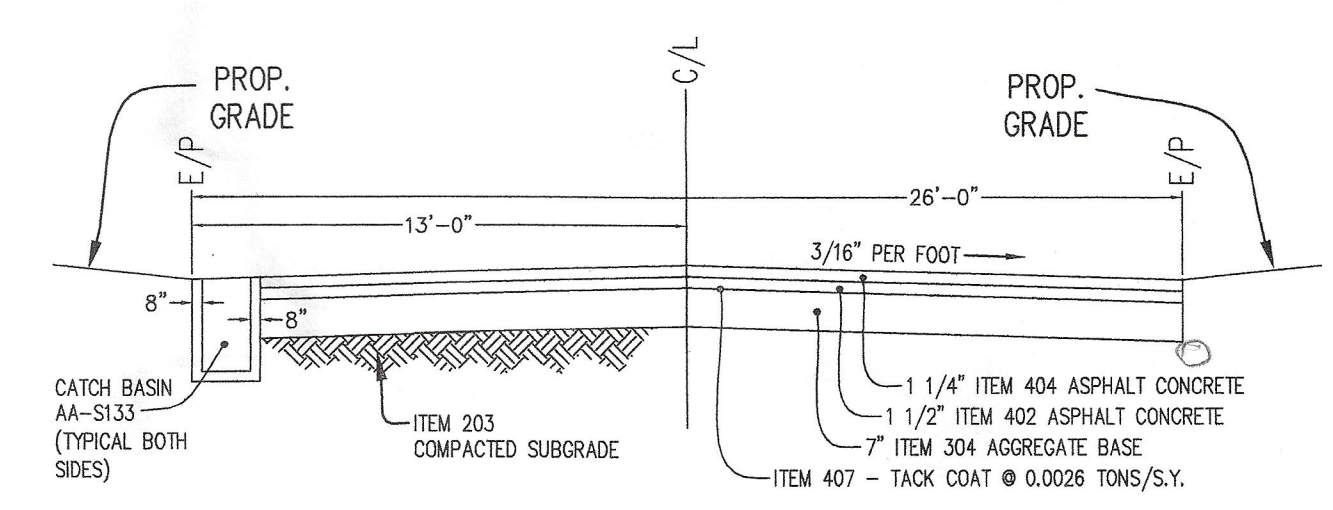
KINGS WAY @ ELDON DR.
& ELAINE DR.
SCALE: 1" = 30'



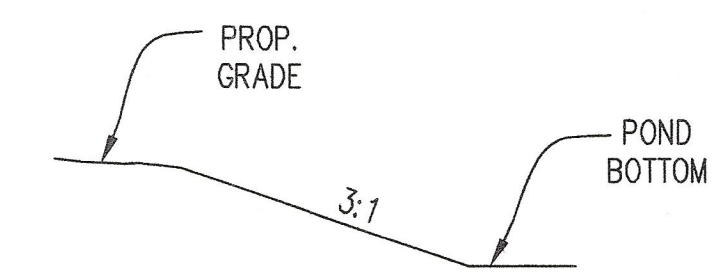
KINGS WAY @ SHAWN DR.
SCALE: 1" = 30'



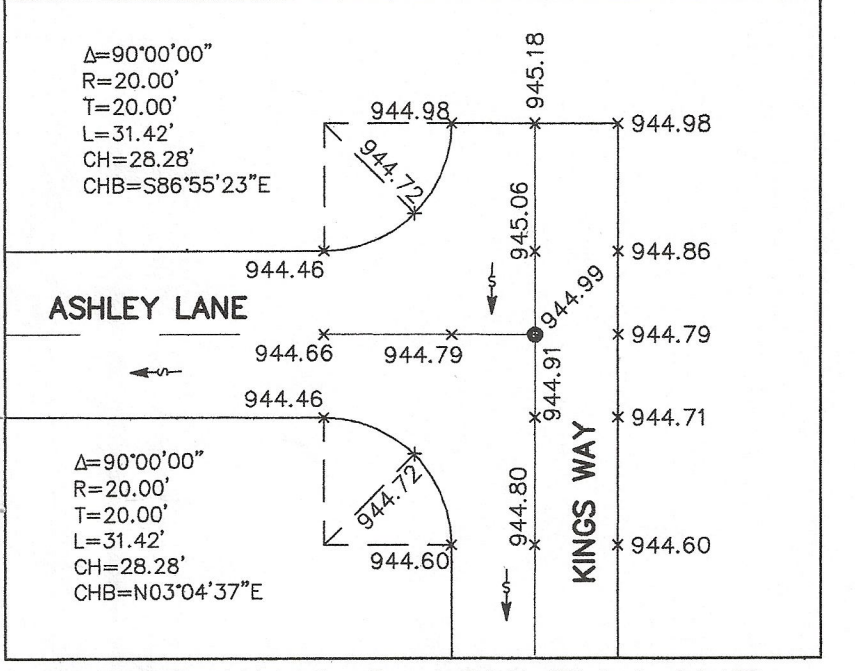
ELAINE DRIVE @ SHAWN DR.
SCALE: 1" = 30'



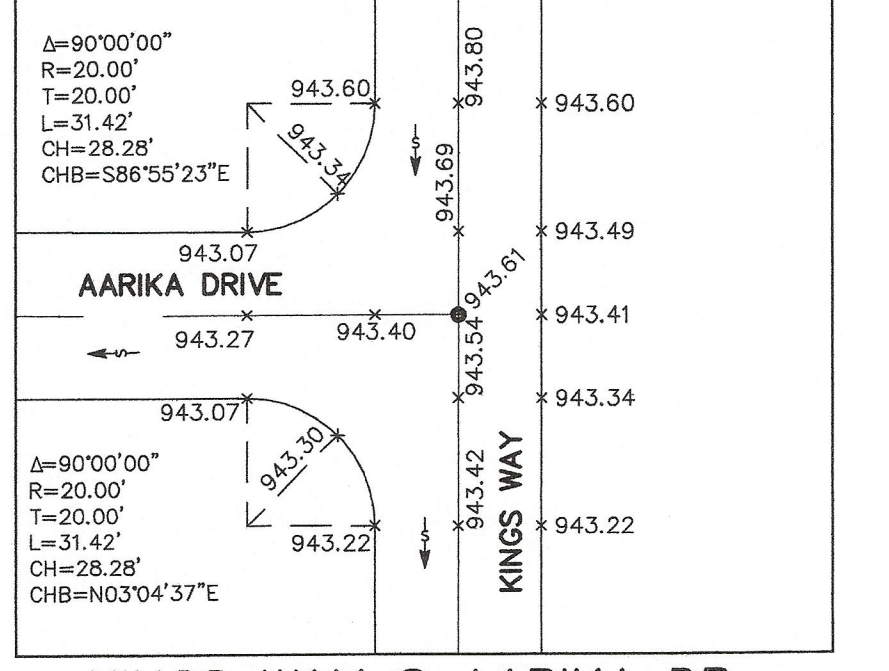
TYPICAL ROADWAY
CROSS SECTION
NOT TO SCALE



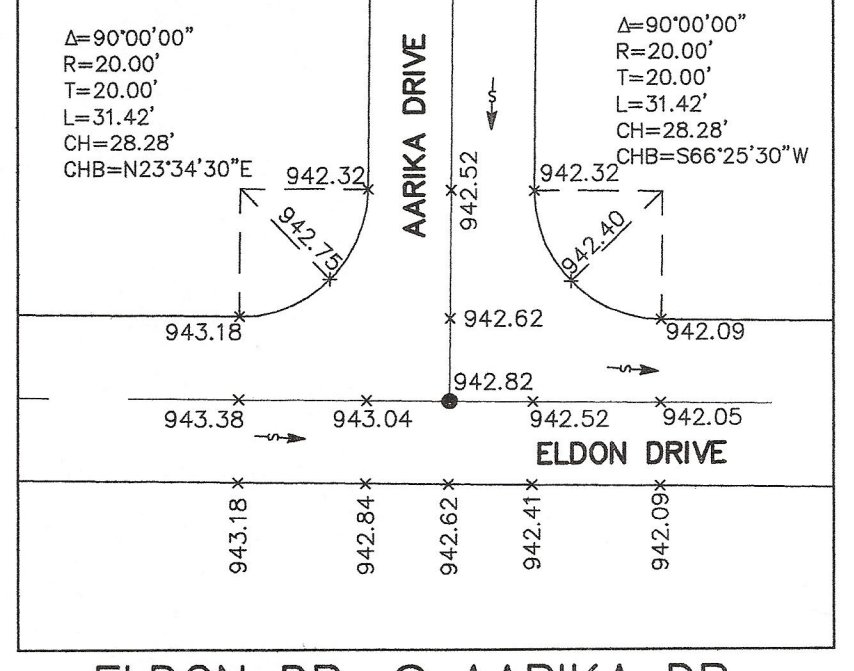
TYPICAL DETENTION
POND SECTION
NOT TO SCALE



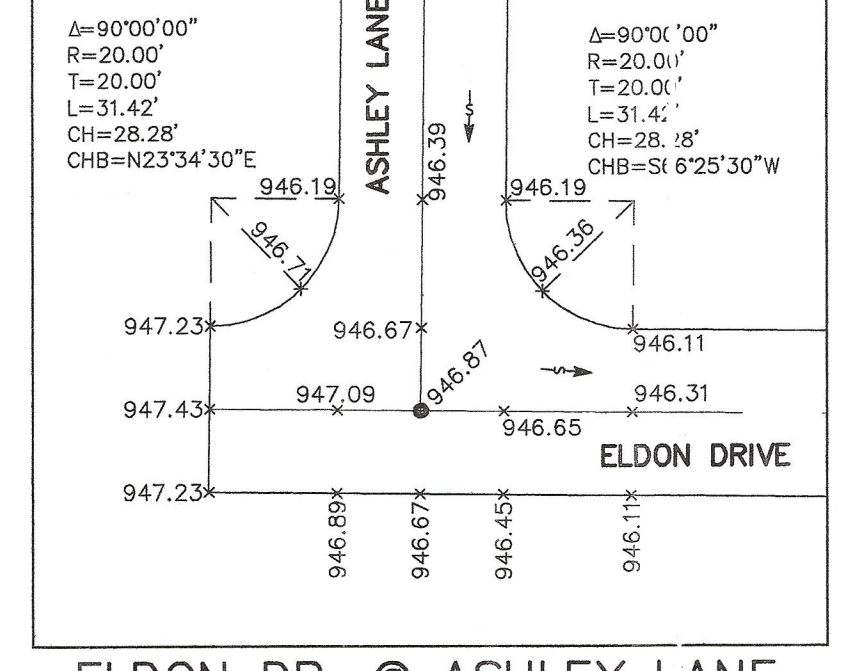
KINGS WAY @ ASHLEY LANE
SCALE: 1" = 30'



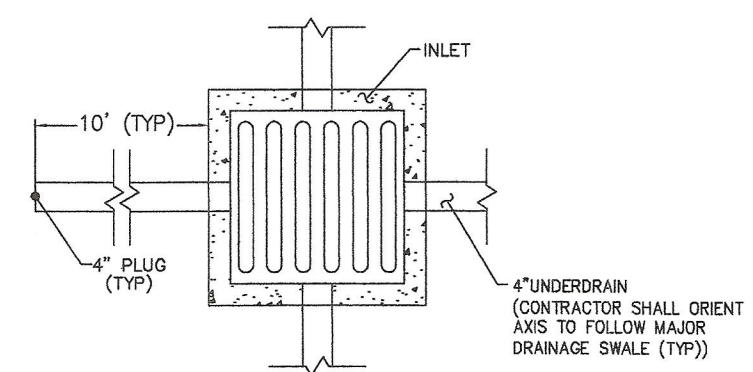
KINGS WAY @ AARIKA DR.
SCALE: 1" = 30'



ELDON DR. @ AARIKA DR.
SCALE: 1" = 30'

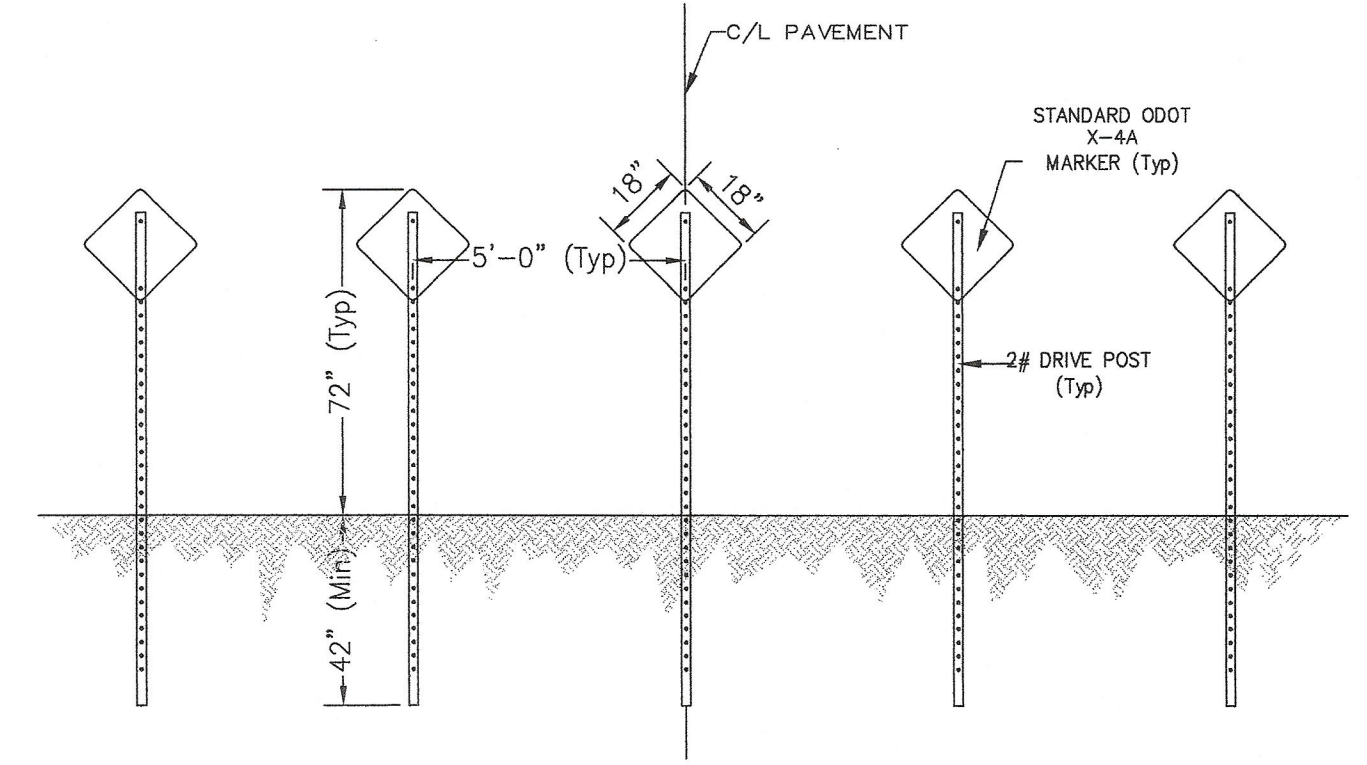


ELDON DR. @ ASHLEY LANE
SCALE: 1" = 30'

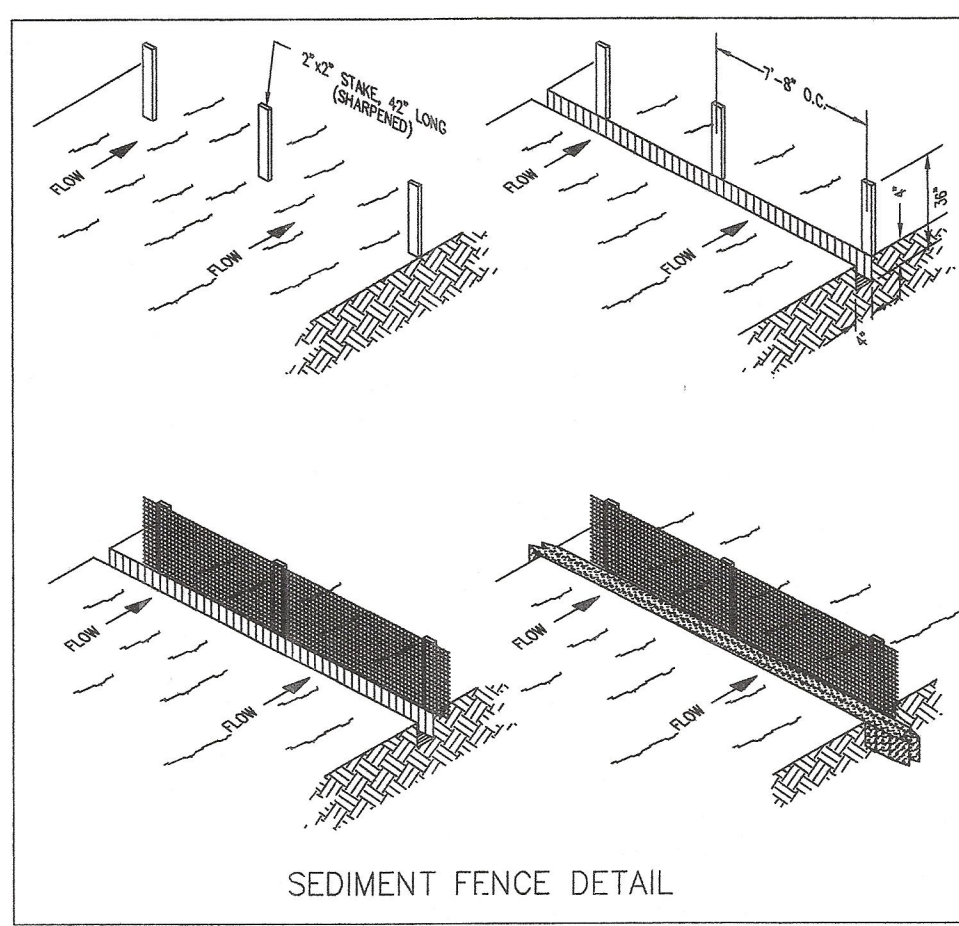


FINGER DRAIN
DETAIL
NOT TO SCALE

INSTALL 10' LENGTHS OF 4" PERFORATED PVC UNDERDRAIN AT ALL STRUCTURES WITHIN THE PAVEMENT SURFACE AS SHOWN ABOVE. THE UNDERDRAINS SHALL HAVE A SLOPE OF 1.0% TOWARD THE STRUCTURE AND SHALL HAVE THE UPSTREAM END PLUGGED. THE UNDERDRAIN SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC AFTER INSTALLATION. COST TO BE INCLUDED WITH INLET.



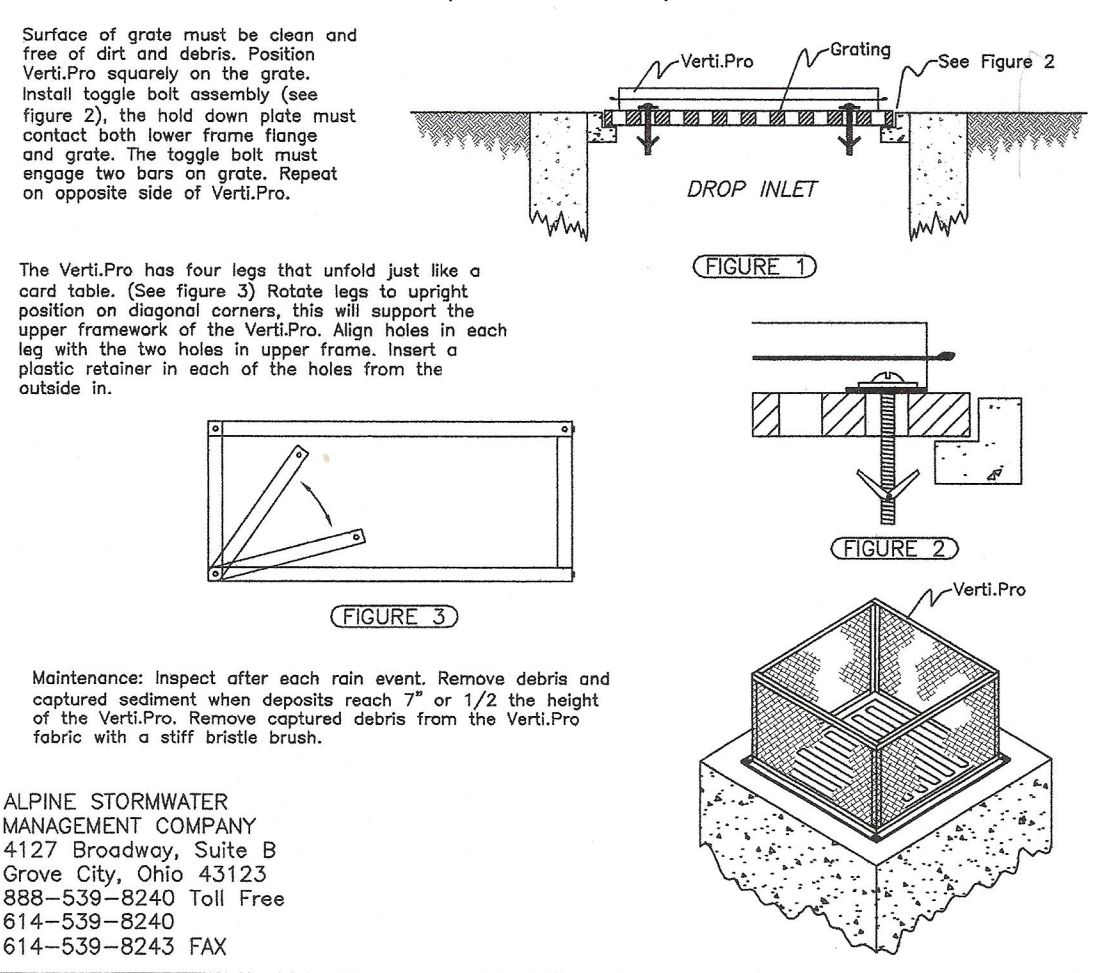
TEMPORARY BARRICADE AT
END OF PAVEMENT
NOT TO SCALE



SEDIMENT FENCE
DETAIL

Silt Fence: This sediment barrier utilizes standard strength or extra strength synthetic filter fabric. It is designed for situations in which only sheet or overland flows are expected.
1. The height of a silt fence shall not exceed 36-inches (higher fences may impound volumes of water sufficient to cause failure of the structure).
2. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be applied together only at a support post, with a minimum of a 6 inch overlap, and securely sealed.
3. Posts shall be spaced a maximum of 10 feet apart at the barrier location and driven securely into the ground (minimum of 12-inches). When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6 feet.
4. A trench shall be excavated approximately 4-inches wide and 4 inches deep along the line of posts and upslope from the barrier.
5. When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1-inch long, tie wires or hog rings. The wire shall extend into the trench a minimum of 2-inches and shall not extend more than 36-inches above the original ground surface.
6. The standard strength filter fabric shall be stapled or wired to the fence, and 8-inches of the fabric shall be extended into the trench. The fabric shall not extend more than 36-inches above the original ground surface. Filter fabric shall not be stapled to existing trees.
7. When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts with all other provisions of item No. 6 applying.
8. The trench shall be backfilled and soil compacted over the filter fabric.
9. Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.
Maintenance:
Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected useful life and the barrier is still necessary, the fabric shall be replaced promptly.
Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared and seeded.

THE VERTI-PRO BY: ALPINE™
YARD INLET PROTECTION
(PATENT PENDING)



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Grove City, Ohio 43123
888-539-8240 Toll Free
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614-539-8243 FAX