

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

INTERSECTION & MISC. DETAILS

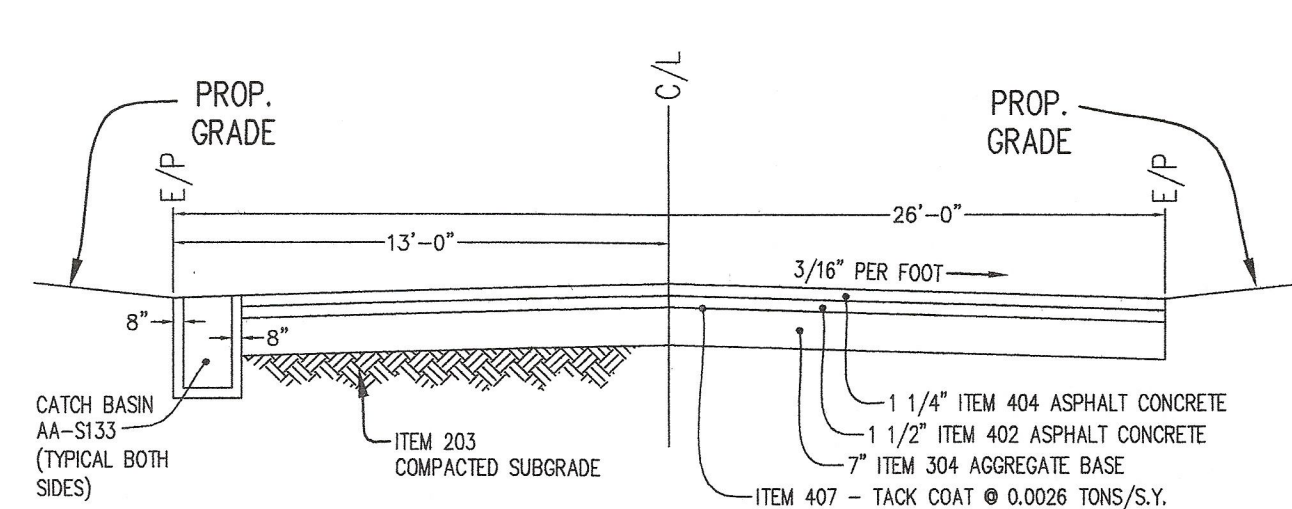
2 WORKING DAYS  
BEFORE YOU DIG  
CALL TOLL FREE 800-362-2764  
OHIO UTILITIES PROTECTION SERVICE

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

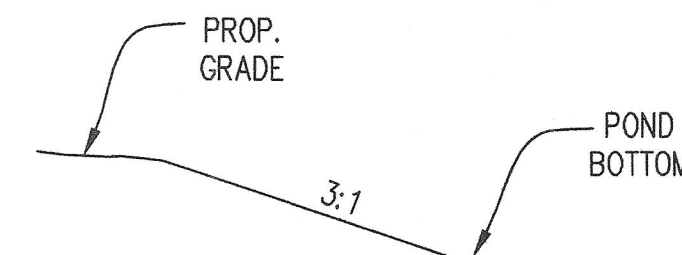
SCALE:  
AS SHOWN

REVISIONS:

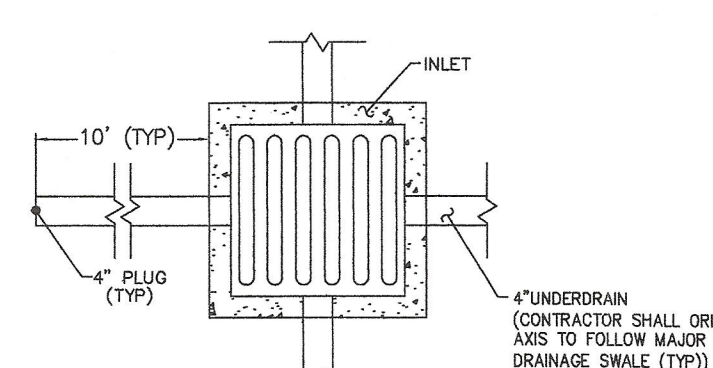
PROJECT #: 1156



TYPICAL ROADWAY  
CROSS SECTION NOT TO SCALE ①

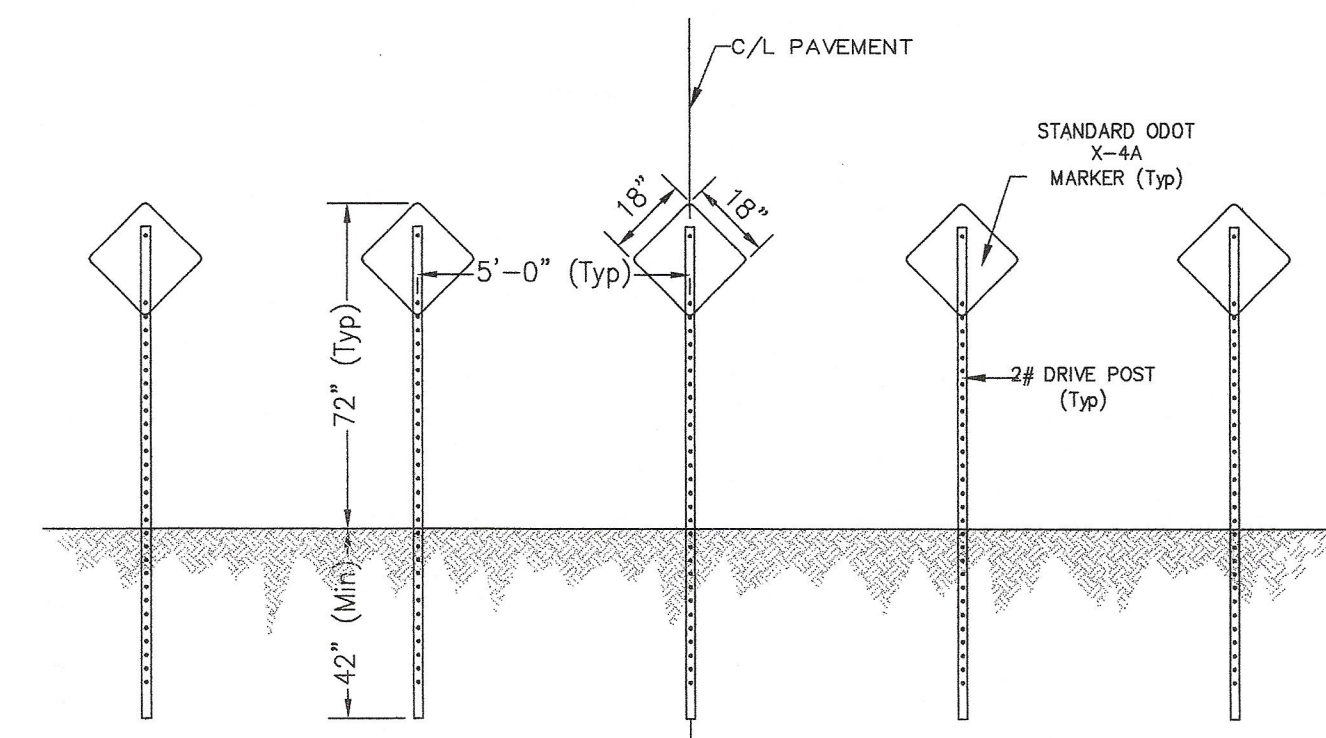


TYPICAL DETENTION  
POND SECTION NOT TO SCALE ②



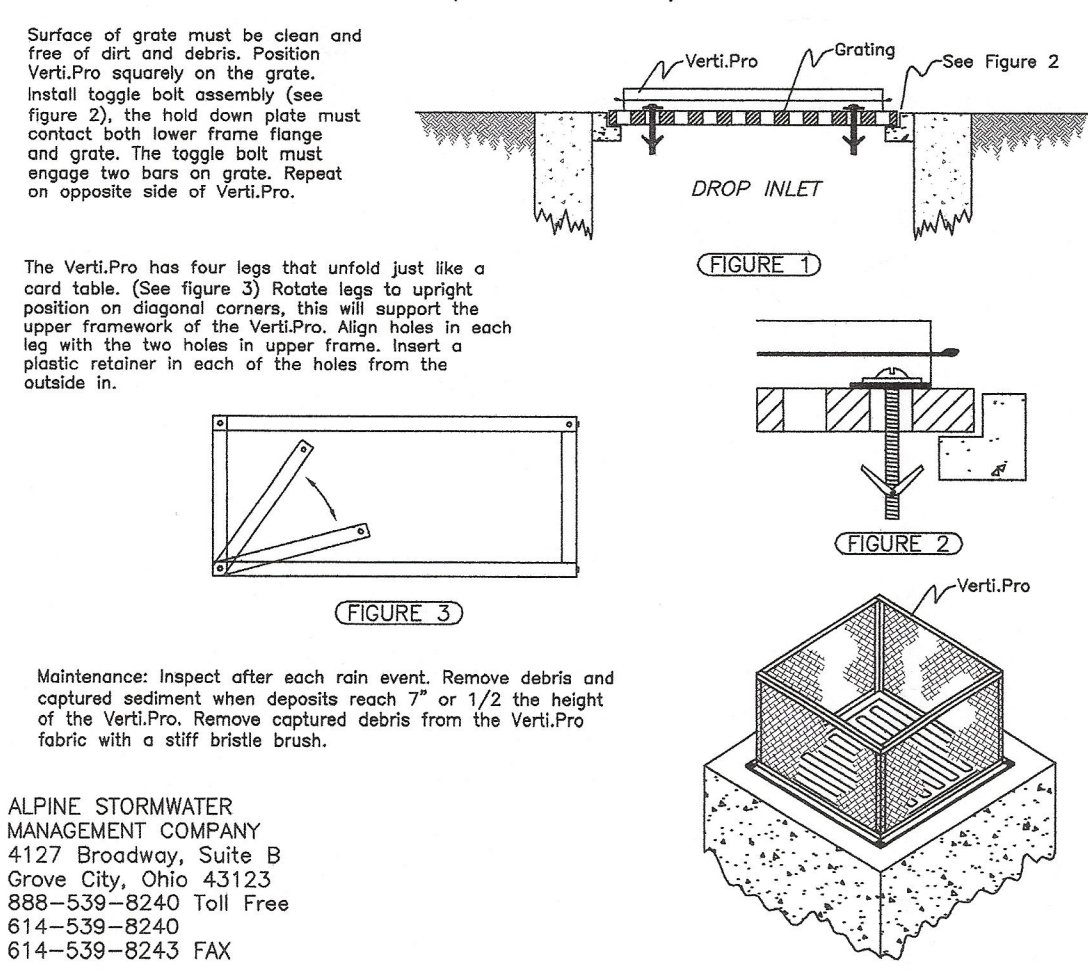
INSTALL 10' LENGTHS OF 4" PERFORATED PVC UNDERDRAIN AT ALL STRUCTURES WITHIN THE PAVEMENT SURFACE AS SHOWN ABOVE. THE UNDERDRAINS SHALL HAVE A SLOPE OF 1/8" TOWARD THE STRUCTURE AND SHALL HAVE THE UPSTREAM END PLUGGED. THE UNDERDRAIN SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC AFTER INSTALLATION. COST TO BE INCLUDED WITH INLET.

FINGER DRAIN  
DETAIL NOT TO SCALE ③

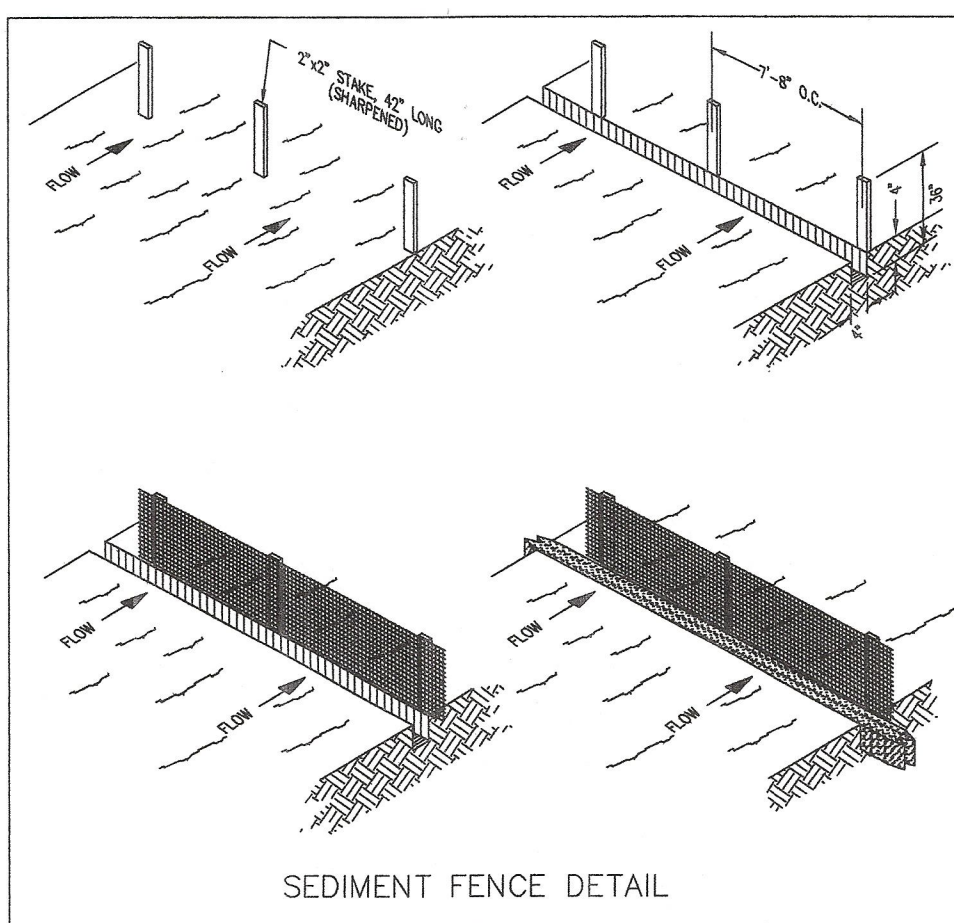


TEMPORARY BARRICADE AT  
END OF PAVEMENT NOT TO SCALE ④

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



ALPINE STORMWATER  
MANAGEMENT COMPANY  
4127 Broadway, Suite B  
Grove City, Ohio 43123  
888-539-8240 Toll Free  
614-539-8240  
614-539-8243 FAX



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.

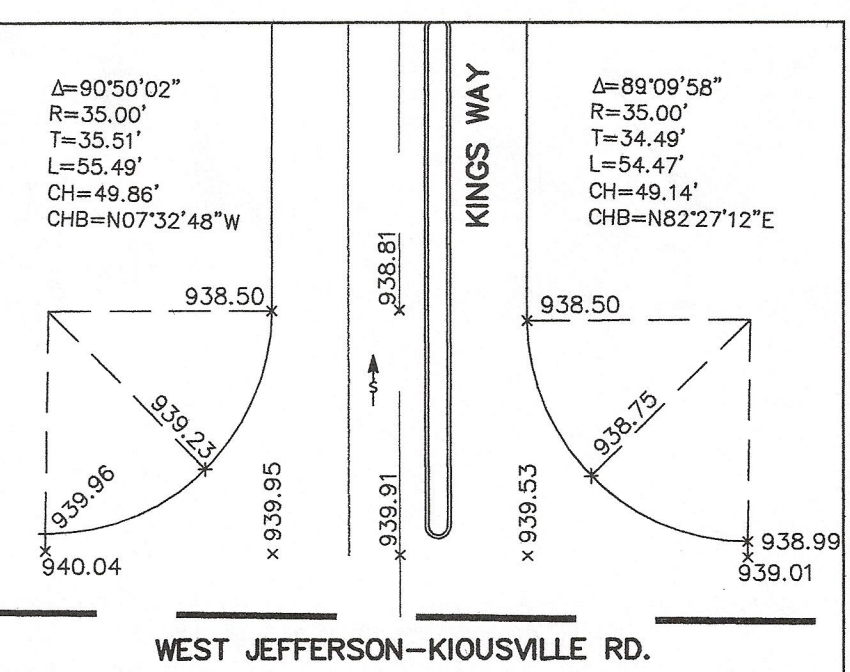
- The height of a silt fence shall not exceed 36-inches (higher fences may impound volumes of water sufficient to cause failure of the structure).
- The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum of a 6 inch overlap, and securely sealed.
- 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.
- A trench shall be excavated approximately 4-inches wide and 4 inches deep along the line of posts and upslope from the barrier.
- 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. The wire mesh support fence shall extend into the trench a minimum of 2-inches and shall not extend more than 36-inches above the original ground surface.
- 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.
- 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.
- The trench shall be backfilled and soil compacted over the filter fabric.
- 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.

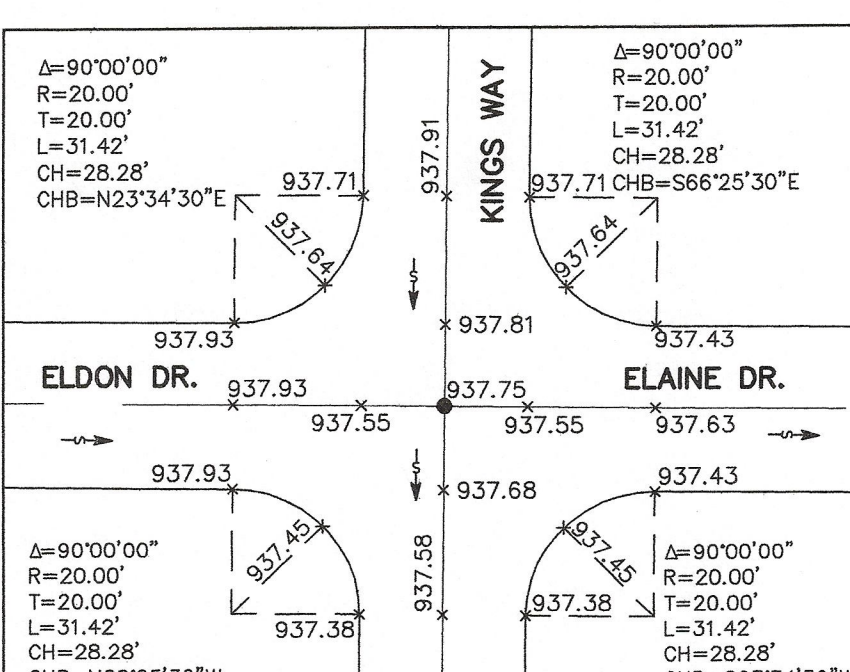
Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usable life and the barrier is still necessary, the fabric shall be replaced promptly.

Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.

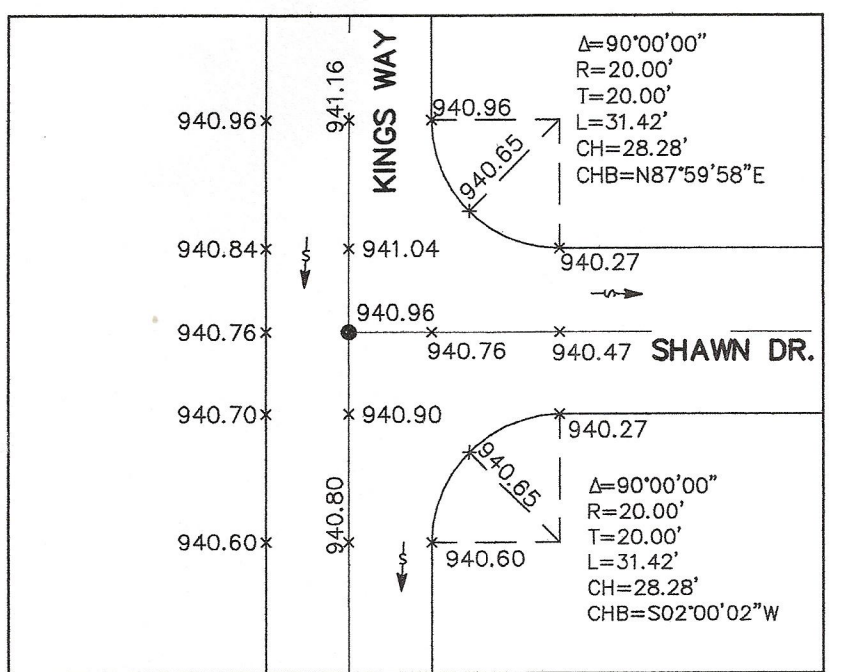
Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared and seeded.



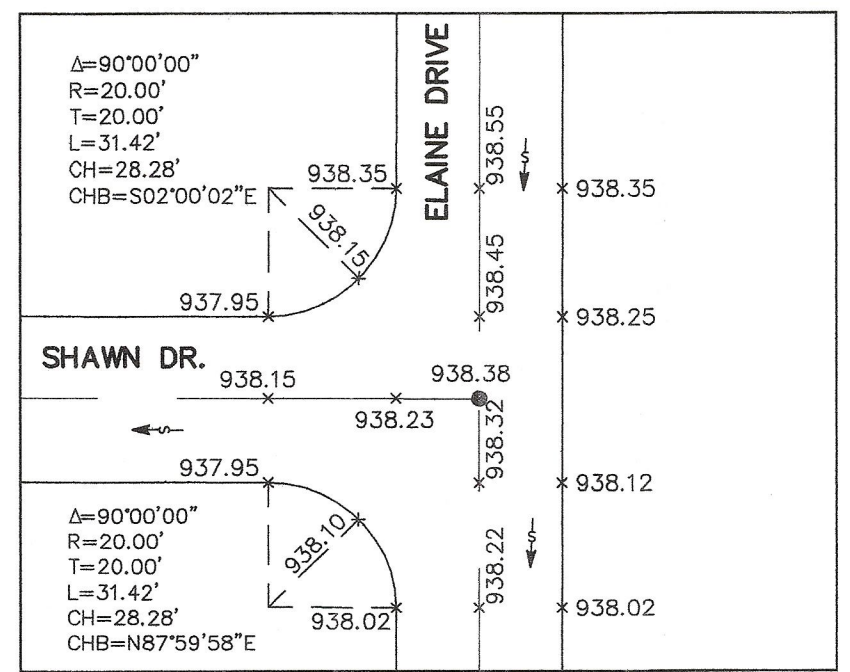
WEST JEFFERSON-KIOUSVILLE RD.  
KINGS WAY @ WEST  
JEFFERSON-KIOUSVILLE RD  
SCALE: 1" = 30'



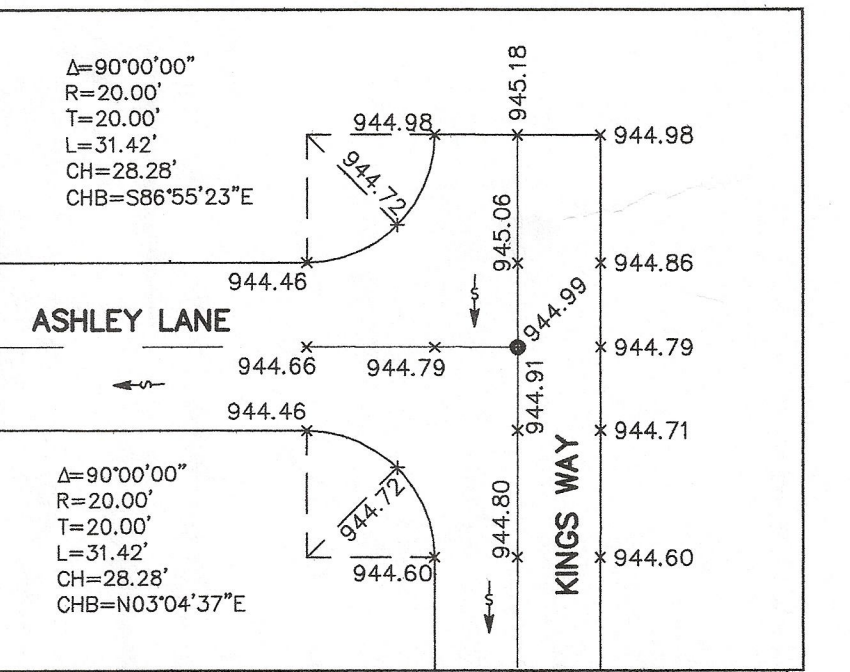
KINGS WAY @ ELDON DR.  
& ELAINE DR.  
SCALE: 1" = 30'



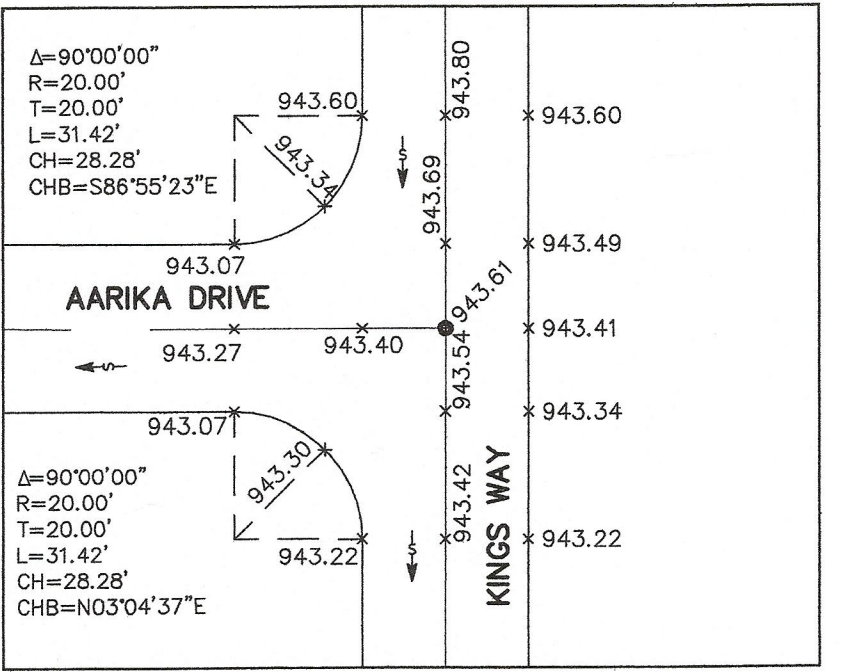
KINGS WAY @ SHAWN DR.  
SCALE: 1" = 30'



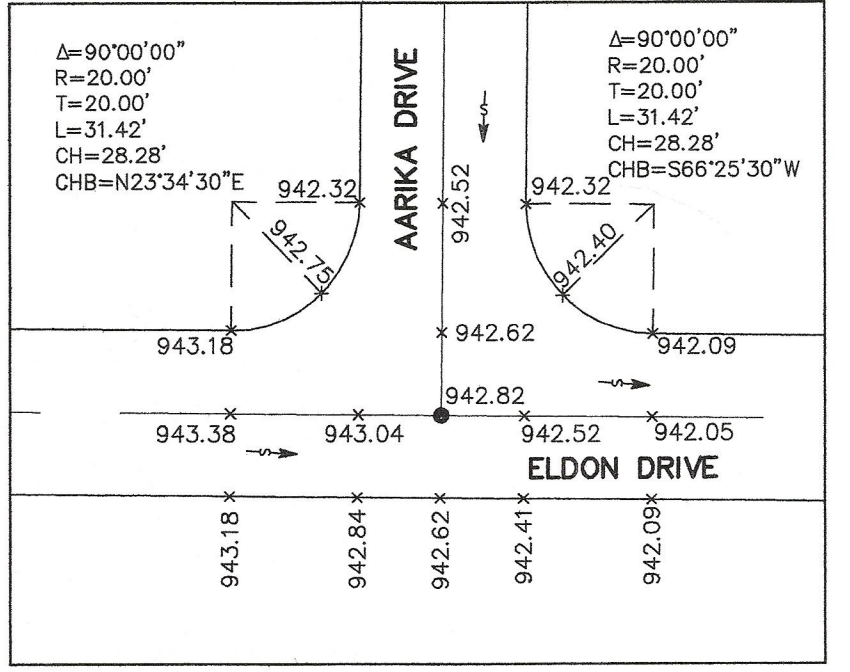
ELAINE DRIVE @ SHAWN DR.  
SCALE: 1" = 30'



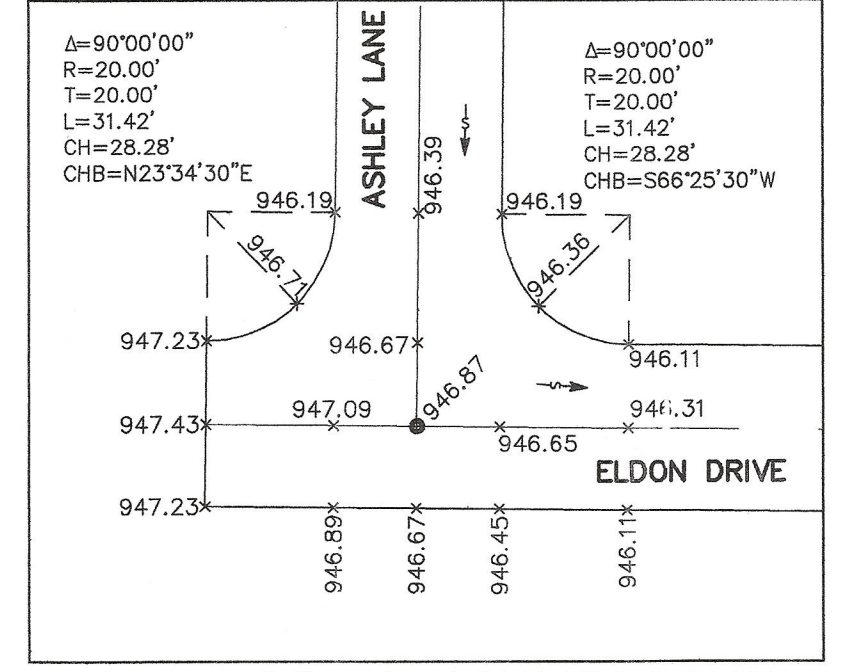
KINGS WAY @ ASHLEY LANE  
SCALE: 1" = 30'



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



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



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