

REV. NO.	DATE	DESCRIPTION
1	08/12/03	Revised Plan and Profiles
2	09/30/03	Revisions per City Engineer, profile, etc.
3	10/07/03	Changed DIP to H&P at Street C
4	10/15/03	Gate valve extension note
5	09/18/03	Changed Hydrant Locations
6	04/04/05	Record Drawings per city comment

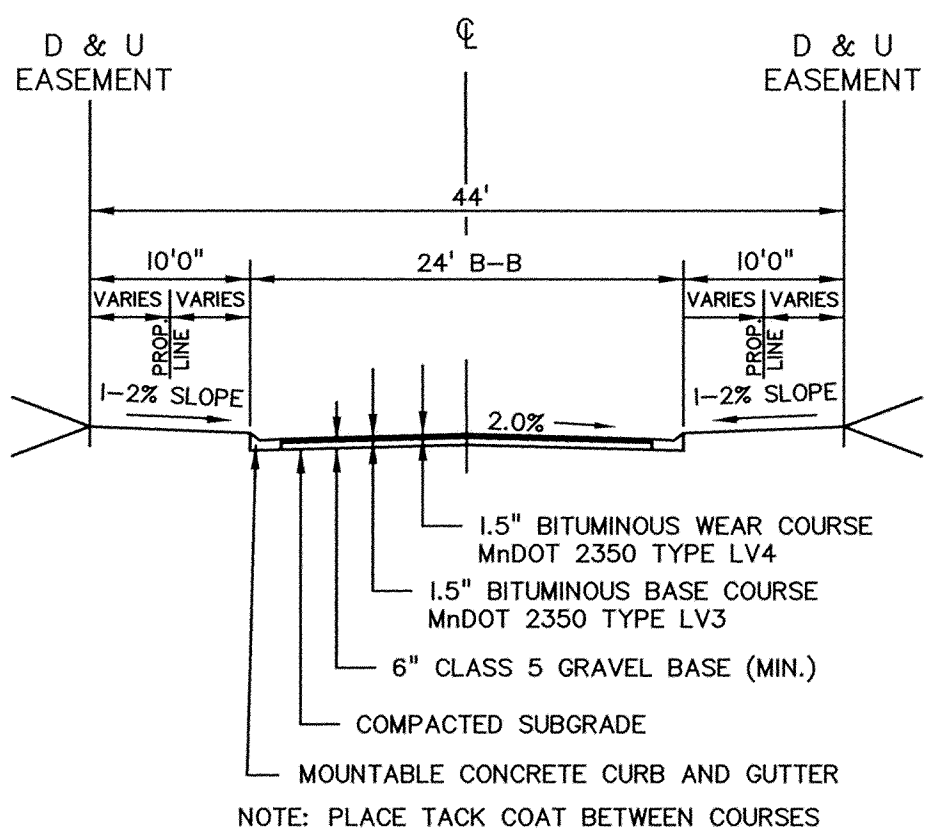
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Signed: *Christopher Otterness*  
Date: *6-8-05* Reg. No. 41961

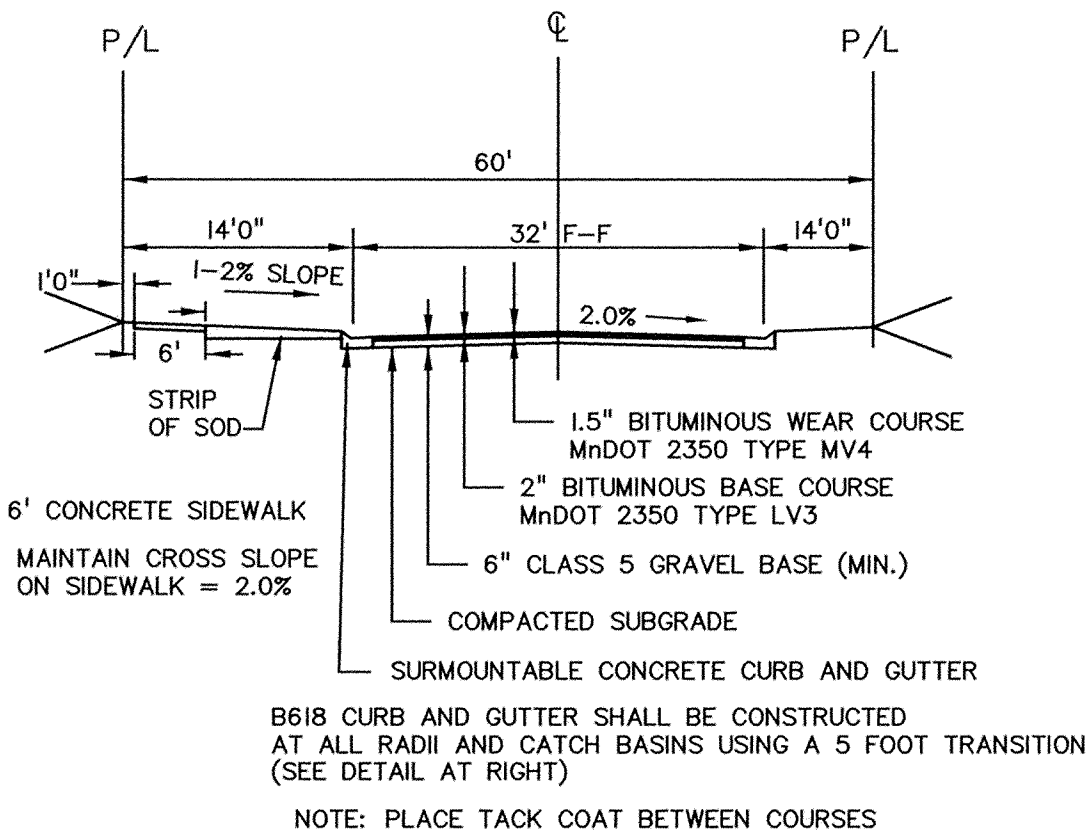
**BOGART, PEDERSON & ASSOCIATES, INC.**  
LAND SURVEYING  
CIVIL ENGINEERING  
MAPPING  
13076 FIRST STREET, BECKER, MN 55308-9322  
TEL: 763-262-6622 FAX: 763-262-6644

**WEST OAKS**  
CITY OF ELK RIVER, MN.  
**WEST OAKS OF ELK RIVER, LLC**  
SANITARY SEWER, WATERMAIN,  
STORM SEWER & STREET PLAN  
STREET DETAILS

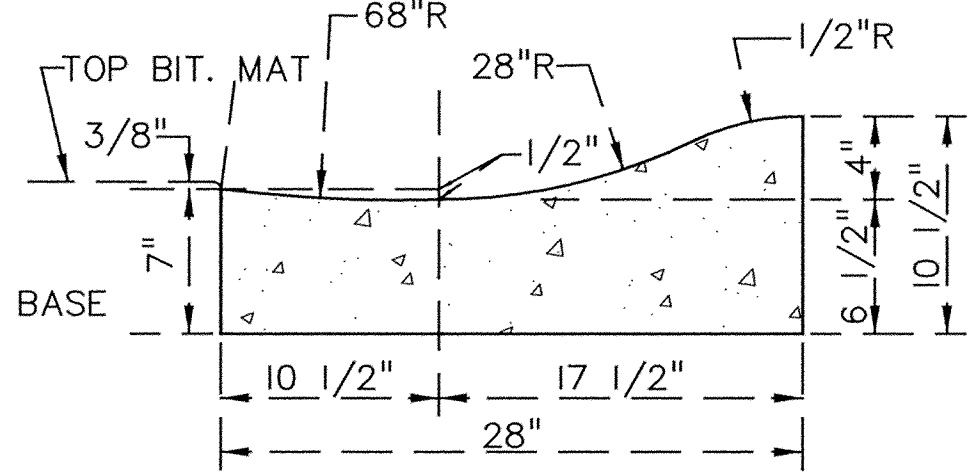
SHEET NO.  
**10**  
**13**



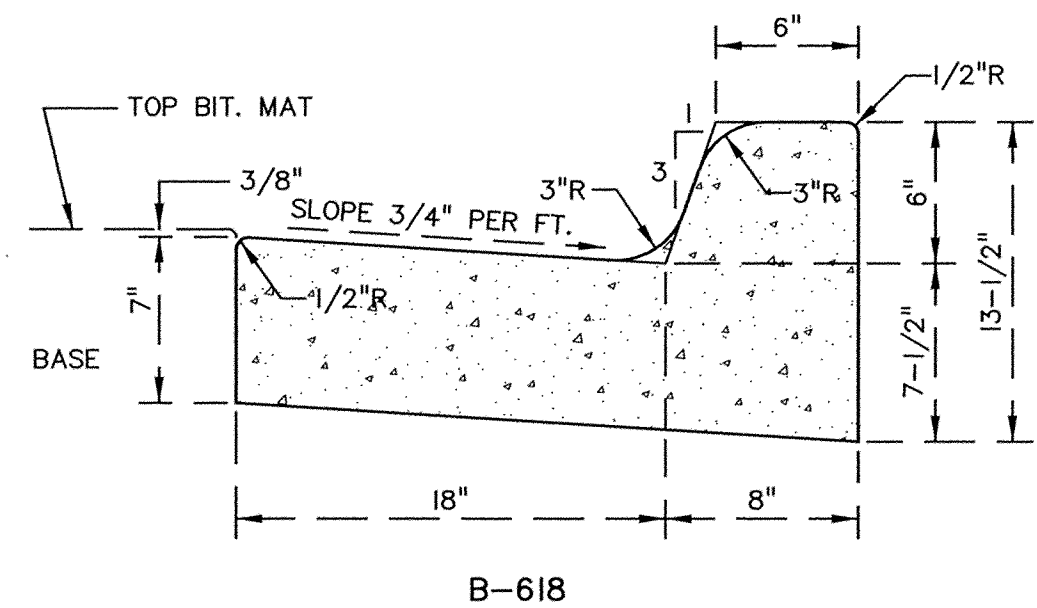
TYPICAL STREET SECTION - PRIVATE STREET



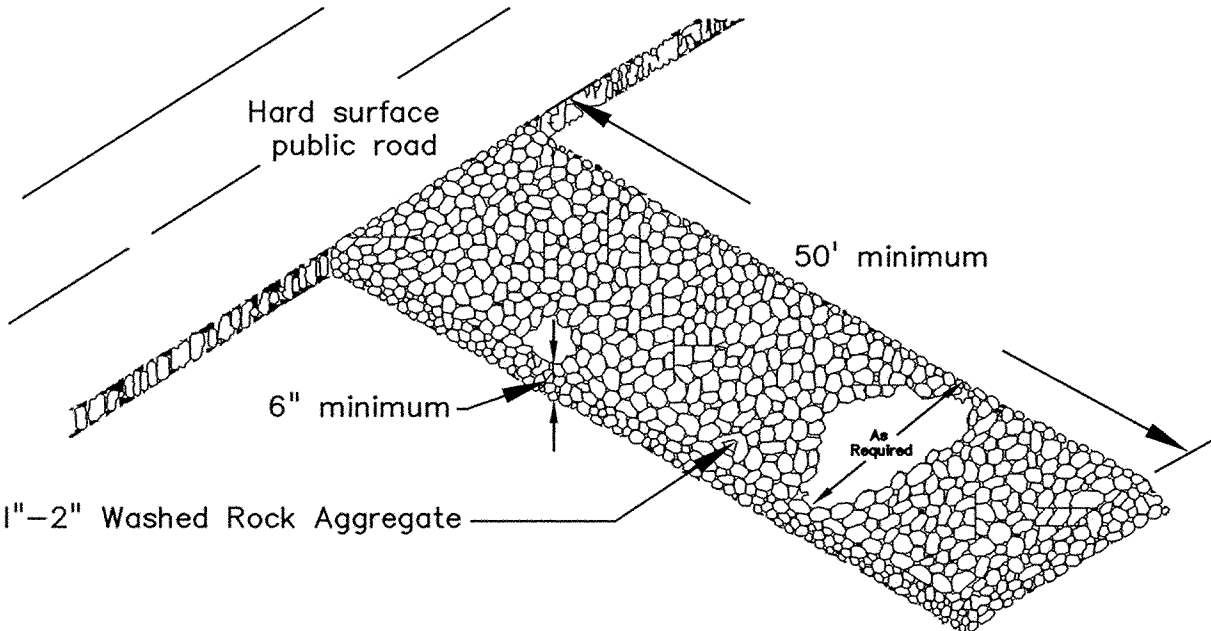
TYPICAL STREET SECTION - PUBLIC STREET



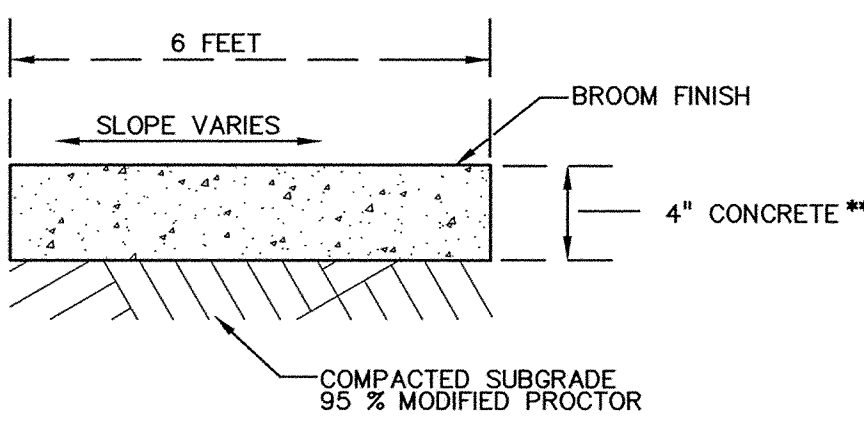
MOUNTABLE CONCRETE CURB & GUTTER



B-618 CONCRETE CURB & GUTTER



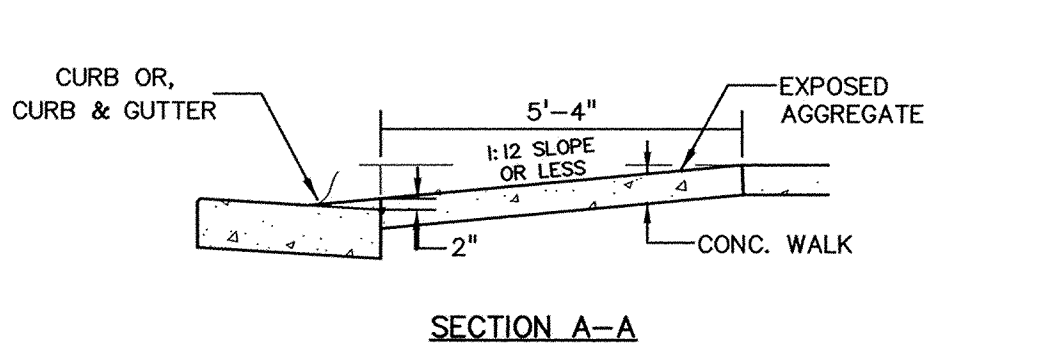
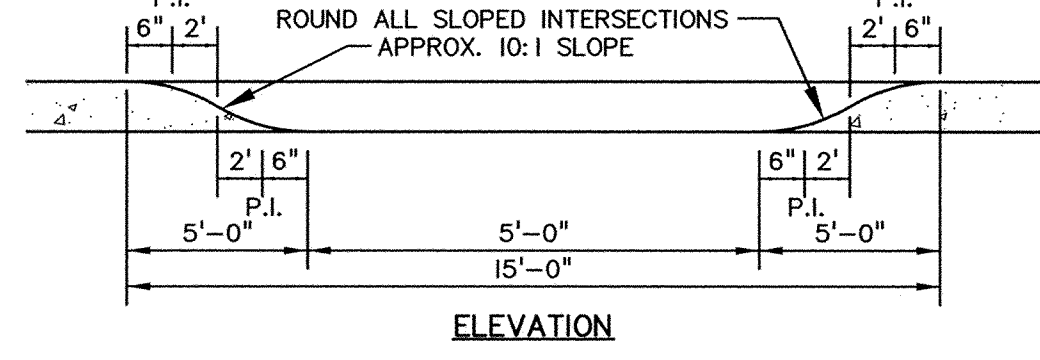
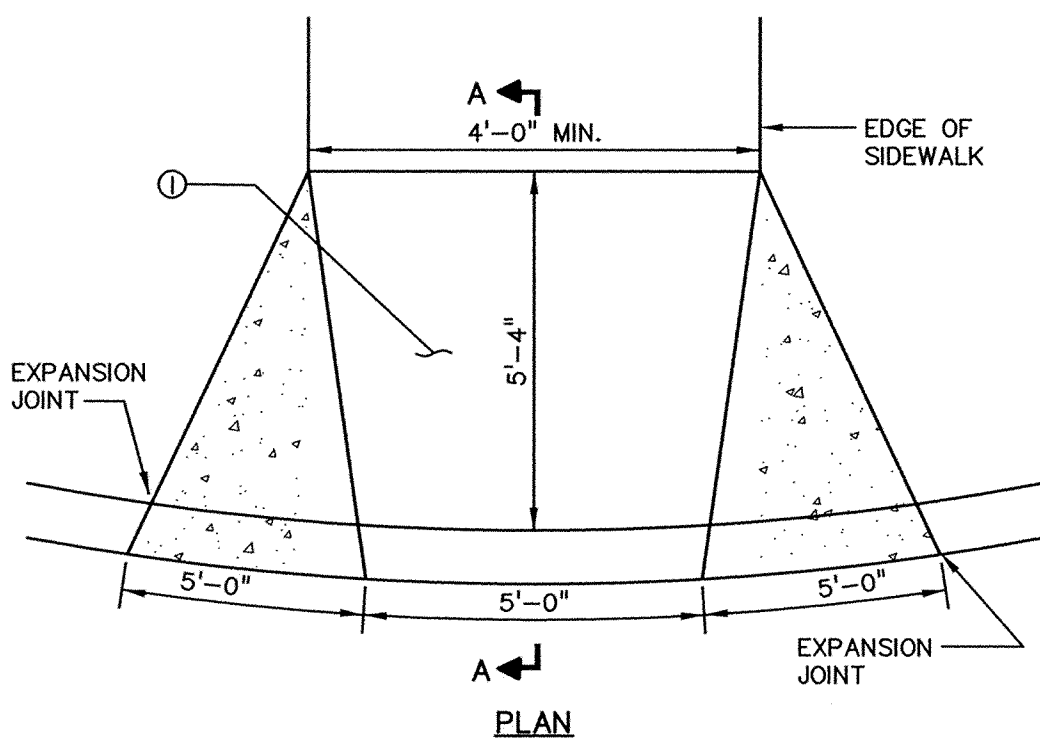
TEMPORARY ROCK CONSTRUCTION ENTRANCE



\*\* NOTE - PLACE 6" THICK SIDEWALK AT THE FOLLOWING LOCATIONS:

183RD AVE. --- STA 7+75 TO 10+25  
XERXES ST. --- STA 0+60 TO 3+30  
YANKTON ST. --- 11+00 TO 12+10

TYPICAL SIDEWALK SECTION

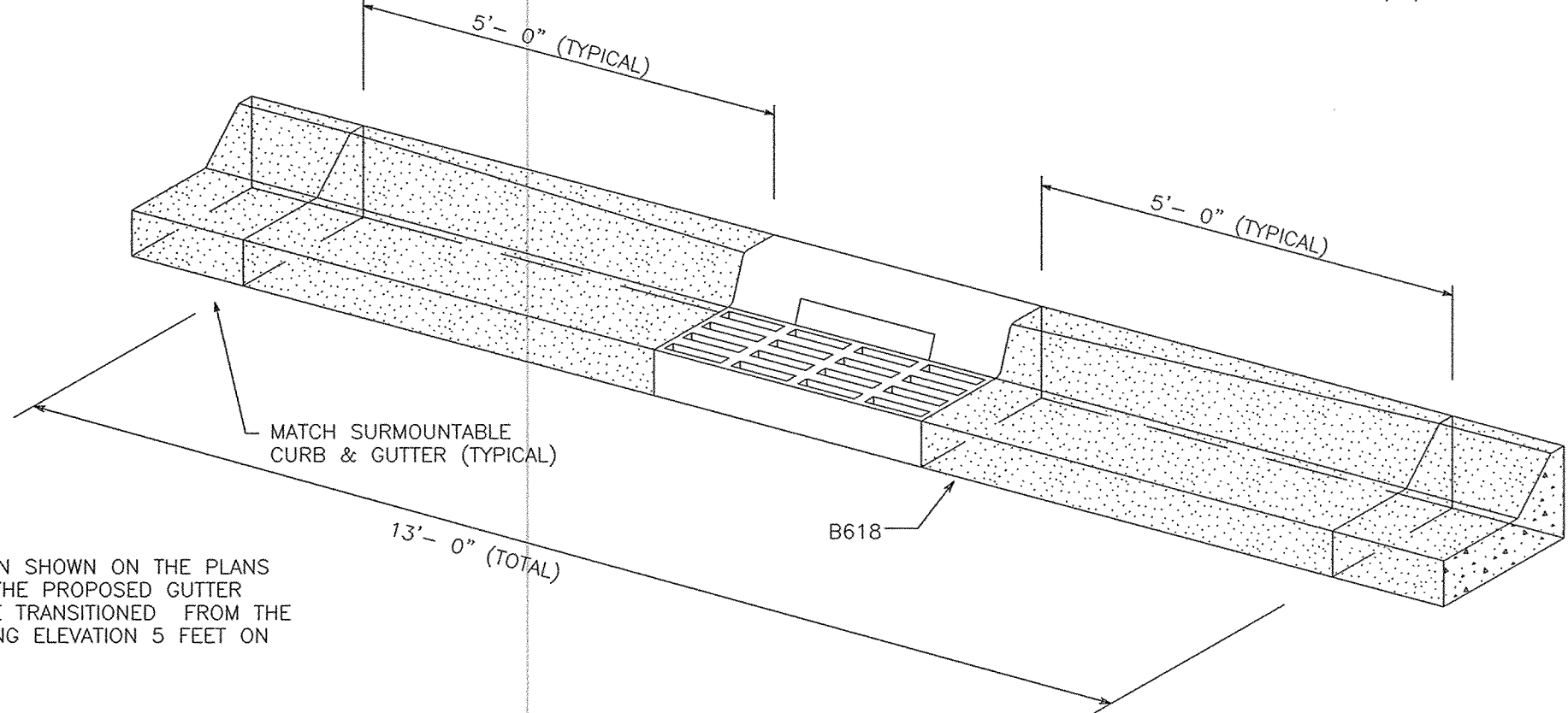
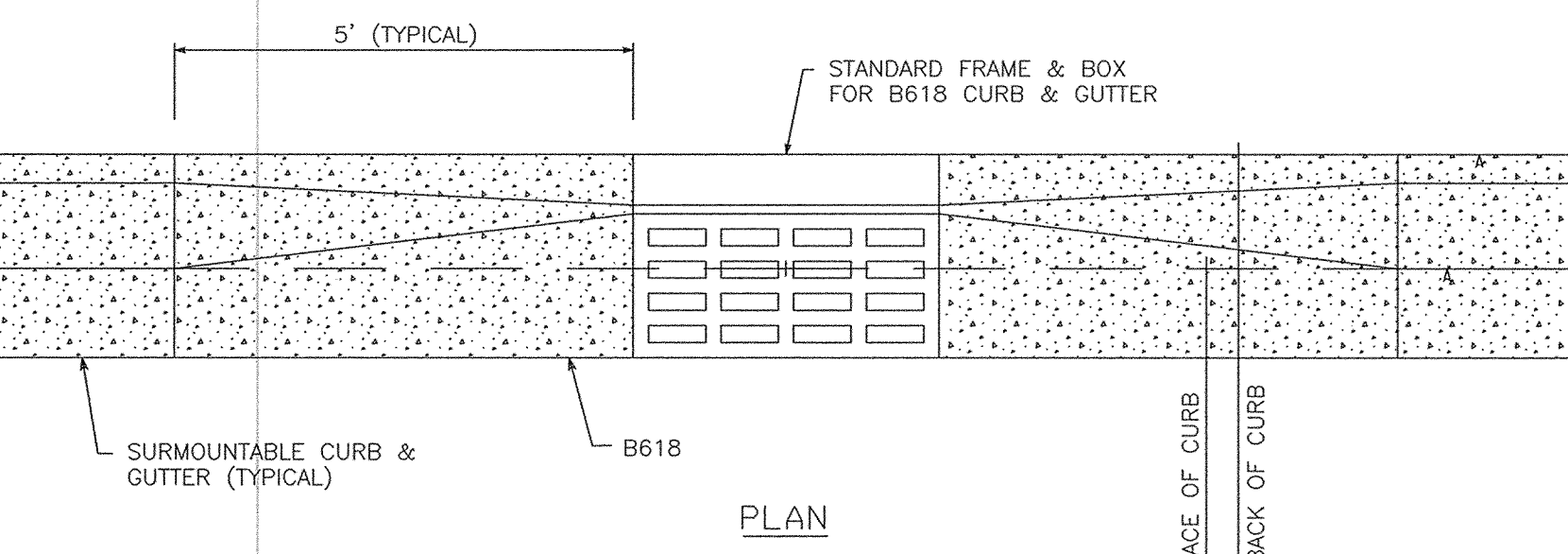
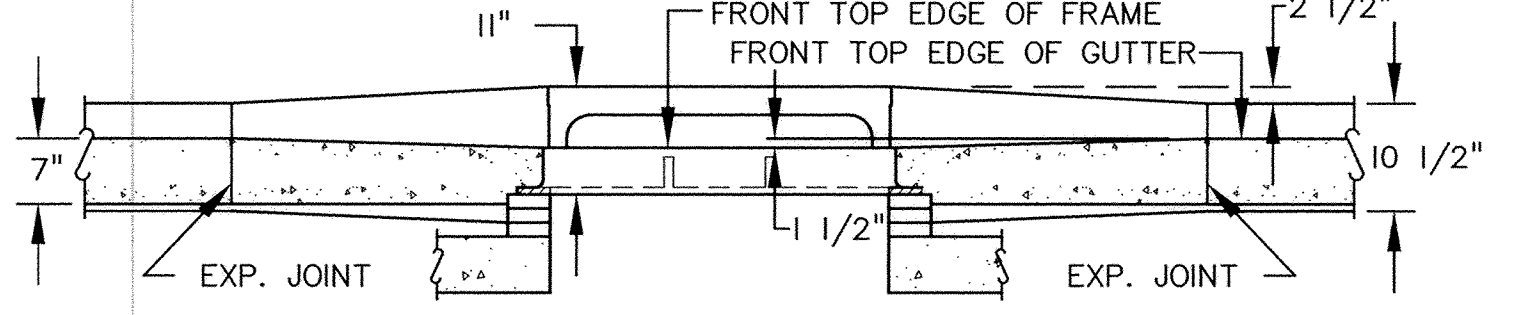


① SURFACE TREATMENT- AFTER NORMAL CONCRETE FINISHING, THE CONCRETE SHALL BE LIGHTLY RINSED TO EXPOSE AGGREGATE. THE EXPOSED AGGREGATE SHALL PROTRUDE AT LEAST 3/16" ABOVE THE CONCRETE SURFACE.

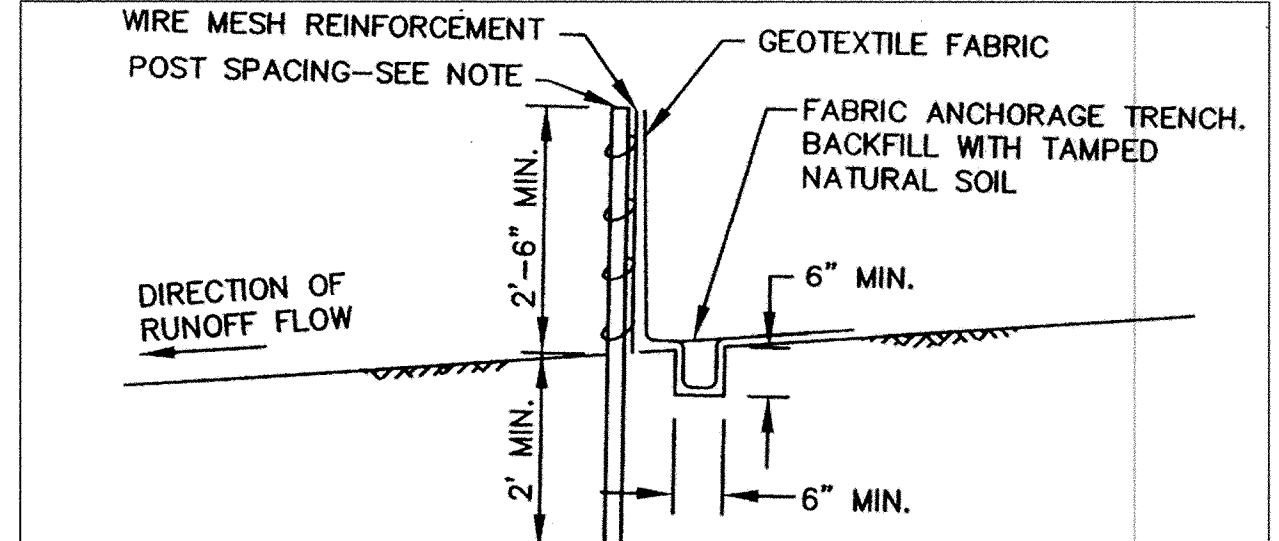
PEDESTRIAN CURB RAMP

NOTE:

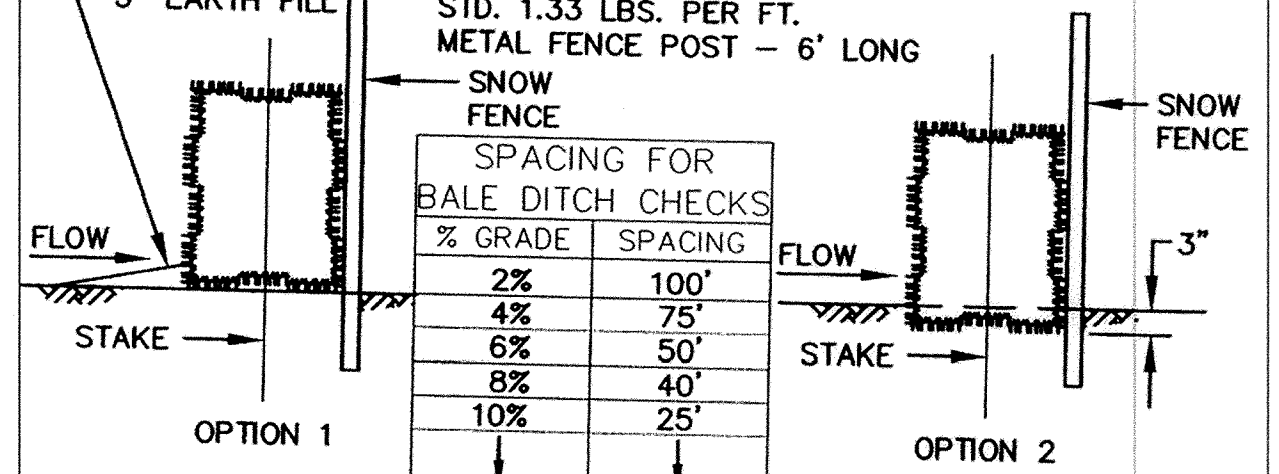
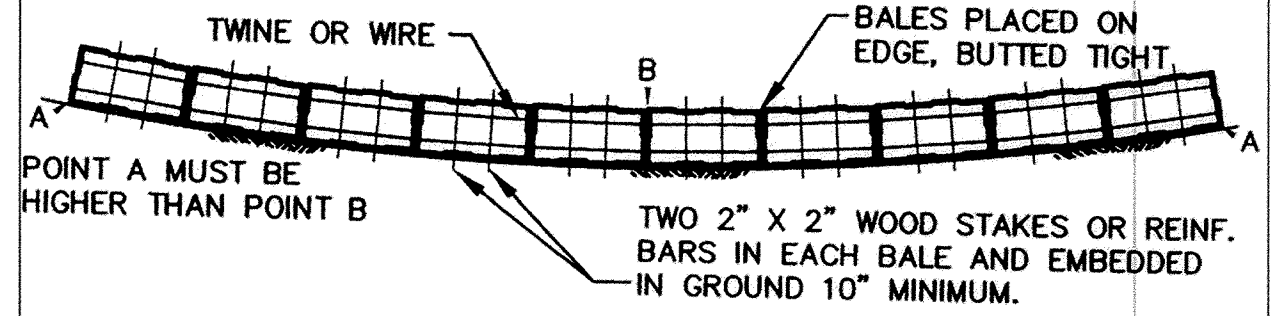
STORM SEWER TOP OF CASTING ELEVATION SHOWN ON THE PLANS INCLUDES A 1 INCH DEPRESSION FROM THE PROPOSED GUTTER GRADE. THE CONCRETE CURB SHOULD BE TRANSITIONED FROM THE PROPOSED GUTTER GRADE TO THE CASTING ELEVATION 5 FEET ON EACH SIDE OF THE CASTING.



CONCRETE CURB & GUTTER AT CATCH BASIN

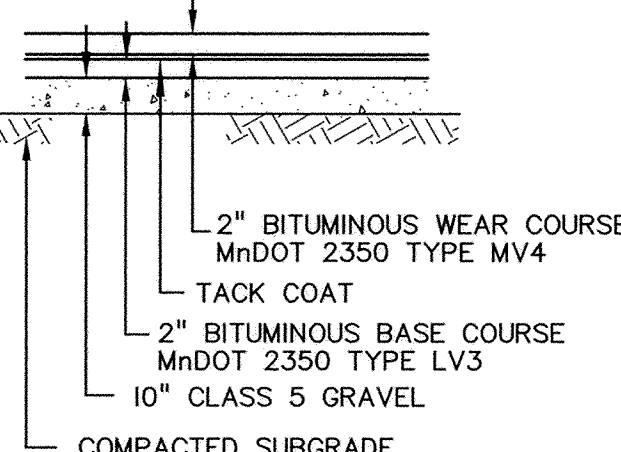


NOTE:  
1. SILT FENCES CONSTRUCTED WITH SUPPORT FENCES, POSTS SHALL BE SPACED AT 10' OR LESS, AND DRIVEN AT LEAST 2' INTO THE GROUND.  
2. SILT FENCES CONSTRUCTED WITHOUT SUPPORT FENCES, POST SHALL BE SPACED AT 4' OR LESS, AND DRIVEN AT LEAST 3' INTO THE GROUND.



BALE HAY OR STRAW DITCH CHECK  
TO BE USED WITH SNOW FENCE AT LOCATIONS AS SHOWN ON PLAN SHEETS. ALSO TO BE USED WITH OR WITHOUT SNOW FENCE AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

CITY OF ELK RIVER DETAIL 2009 - EROSION CONTROL



NOTE:  
ALL DISTURBED CURB AND GUTTER SHALL BE REMOVED AND REPLACED WITH B618 CURB. ALL DISRUPTED PAVEMENT STRIPING SHALL BE REPLACED. MILL 4' WIDTH WHEREVER NEW STREET MATCHES INTO EXISTING PAVEMENT.

TYPICAL STREET RECONSTRUCTION SECTION