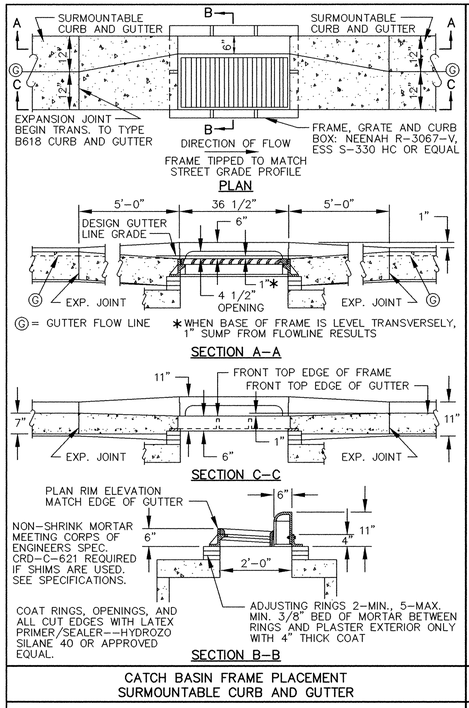
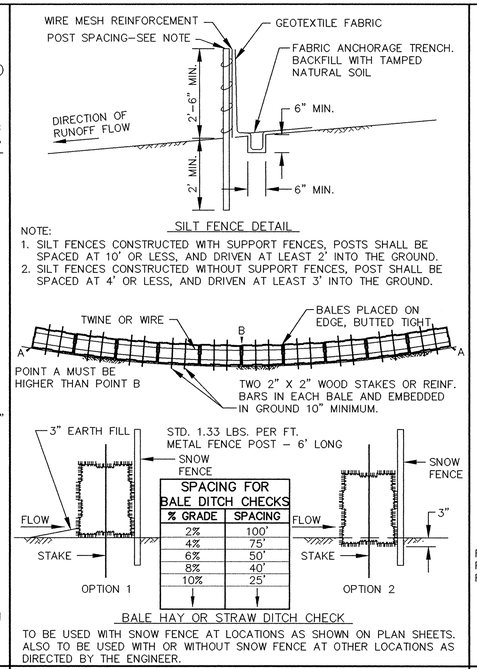
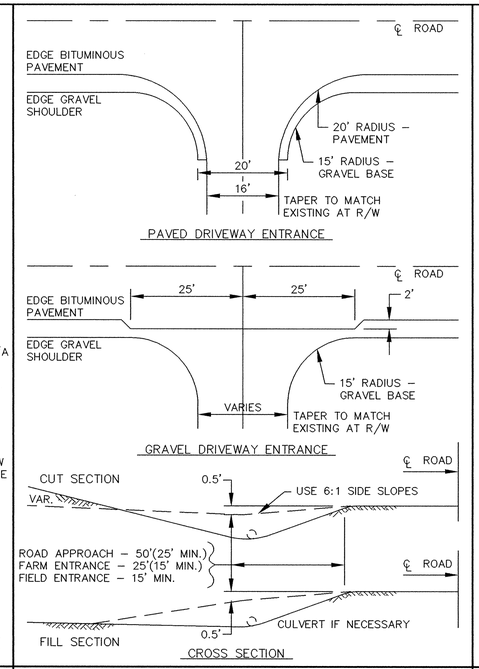


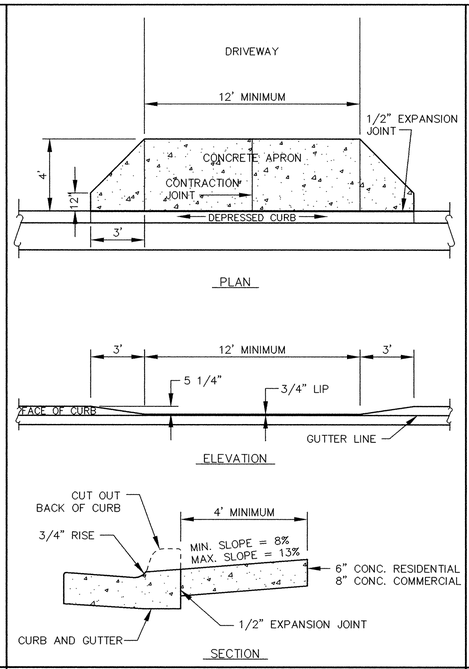
CATCH BASIN FRAME PLACEMENT
SURMOUNTABLE CURB AND GUTTER



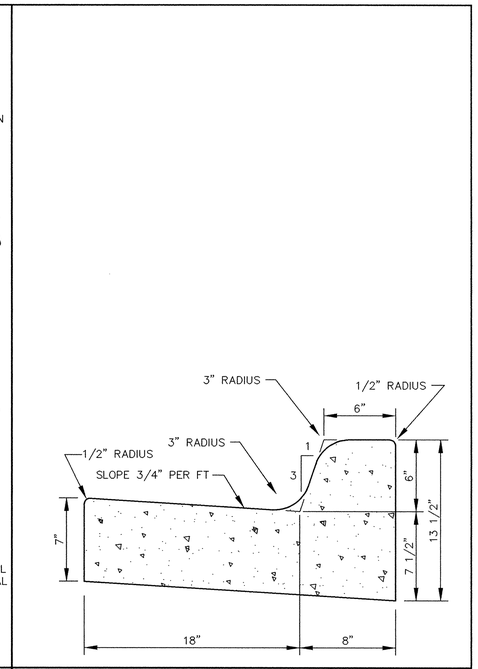
EROSION CONTROL DETAIL



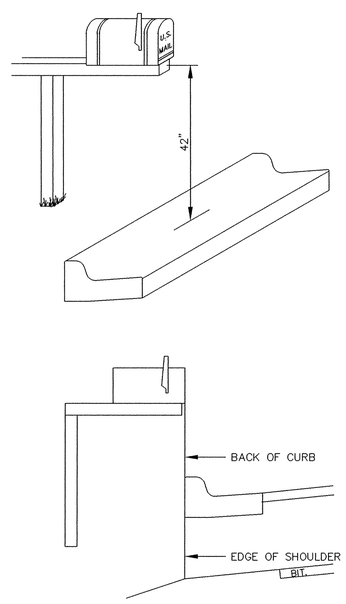
RURAL DRIVEWAY ENTRANCE



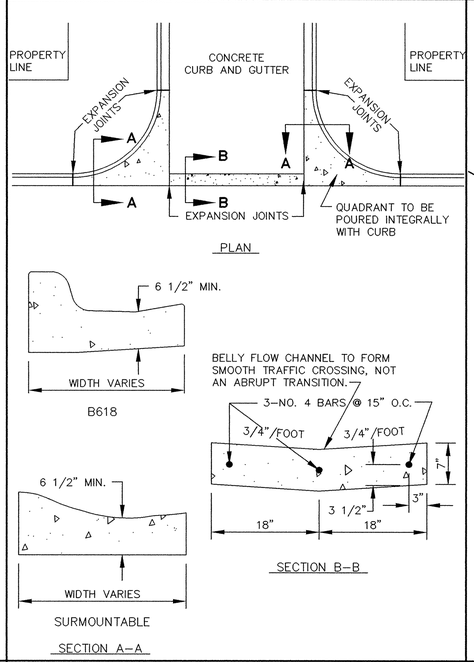
DEPRESSED CURB WITH DRIVEWAY APRON



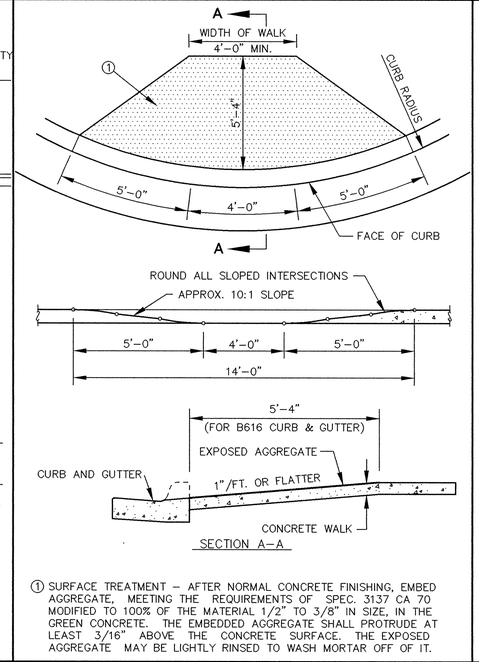
B618 CONCRETE CURB AND GUTTER



MAIL BOX

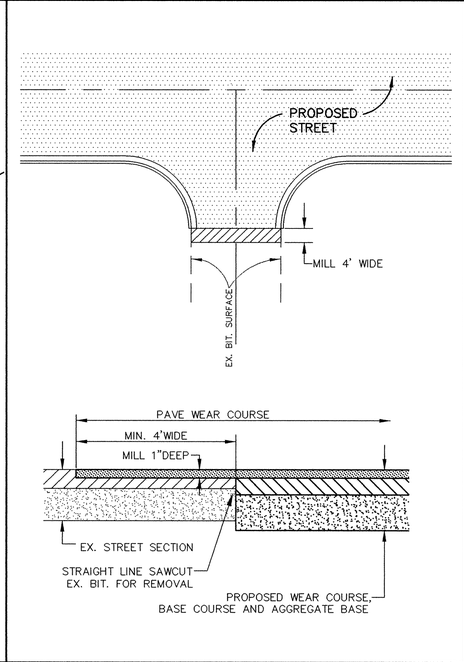


CONCRETE "V" GUTTER

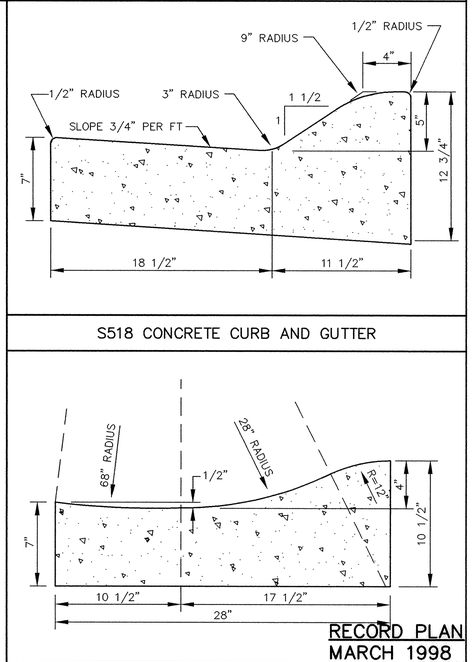


① SURFACE TREATMENT - AFTER NORMAL CONCRETE FINISHING, EMBED AGGREGATE, MEETING THE REQUIREMENTS OF SPEC. 3137.CA 70 MODIFIED TO 100% OF THE MATERIAL 1/2" TO 3/8" IN SIZE, IN THE GREEN CONCRETE. THE EMBEDDED AGGREGATE SHALL PROTRUDE AT LEAST 3/16" ABOVE THE CONCRETE SURFACE. THE EXPOSED AGGREGATE MAY BE LIGHTLY RINSED TO WASH MORTAR OFF OF IT.

PEDESTRIAN CURB RAMPS



MATCH EXISTING BITUMINUOUS SURFACING



S518 CONCRETE CURB AND GUTTER

RECORD PLAN
MARCH 1998

SURMOUNTABLE CONCRETE CURB AND GUTTER

ERU13-ST

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE 4/9/97 REG.NO. 15316

MSA CONSULTING ENGINEERS

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(612) 644-4389

REVISIONS	DATE	DESCRIPTION

DESIGNED ____
CHECKED ____
DRAWN ____
GRAPHIC SCALE
0 HORIZ. N/A
0 VERT. 5

ELK RIVER MUNICIPAL UTILITIES
HIGHLAND ROAD TRUNK WATERMAIN
STREET DETAILS

DATE APR. 1997 | SHEET 15 OF 16 SHEETS | PROJECT NO. 235-013

1285

DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 65592

DRAWING NUMBER

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DRAWING NUMBER
HIGHL97
15

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