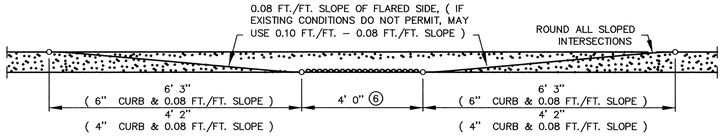
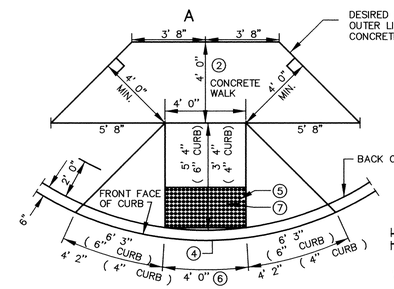
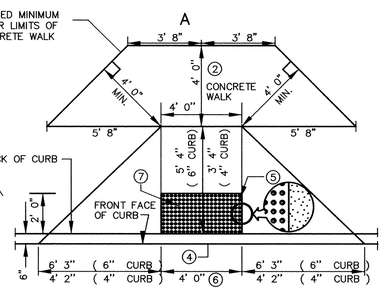


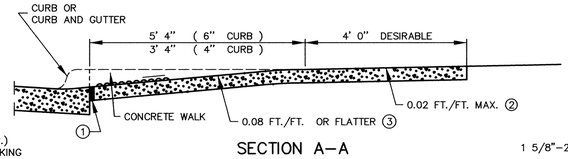
ELEVATION OF RAMP



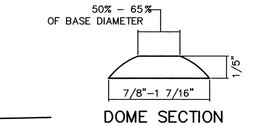
A
PLAN VIEW OF DIAGONAL RAMP



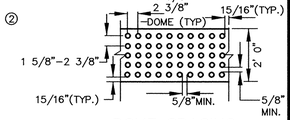
A
PLAN VIEW OF PERPENDICULAR RAMP



SECTION A–A



DOME SECTION



DOME SPACING

NOTES:

THE CURB AND CURB TRANSITION ON THE RAMP WILL BE PAID FOR AS LINEAR FEET OF CONCRETE CURB OR CONCRETE CURB AND GUTTER. THE RAMP AREA WILL BE PAID FOR AS CONCRETE WALK. THE TRUNCATED DOME AREA SHALL BE CONSIDERED INCIDENTAL.

① 1/2 INCH PREFORMED JOINT FILLER MATERIAL, AASHTO M 213.

② WHEN POSSIBLE, PROVIDE A PATH OF TRAVEL 4' 0" WIDE BEHIND THE PEDESTRIAN RAMP. A RELATIVELY FLAT 4' X 4' LANDING WILL ALLOW WHEELCHAIRS TO NAVIGATE AROUND THE PEDESTRIAN RAMP.

③ WHEN A MEDIAN IS NOT WIDE ENOUGH FOR TWO PEDESTRIAN RAMPS AND A 48" LANDING BETWEEN THEM, THE PEDESTRIAN CROSSING SHALL BE CUT THROUGH THE MEDIAN AT STREET LEVEL.

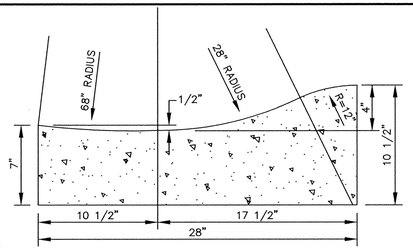
④ 6" TO 8" IS THE REQUIRED OFFSET OF THE DETECTABLE WARNINGS/ TRUNCATED DOME AREA FROM THE FRONT FACE OF CURB, OR PLACE THE DETECTABLE WARNINGS AT THE BACK OF CURB.

⑤ ADA REQUIRED TRUNCATED DOME AREA SHALL BE 2' 0" MIN. IN DIRECTION OF TRAVEL AND SHALL EXTEND THE FULL WIDTH (3' 0" OR 4' 0" TYP.) OF THE CURB RAMP. THIS 2' 0" BY 3' 0" OR 4' 0" WIDTH (TYP.) TRUNCATED DOME AREA SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE. THE ENTIRE TRUNCATED DOME AREA SHALL BE A LIGHT COLOR (LIGHT GRAY, WHITE, OR YELLOW) WHEN THE ADJACENT SIDEWALK IS A DARK COLOR. THE ENTIRE TRUNCATED DOME AREA SHALL BE A DARK COLOR (RED, BLACK, DARK GRAY, OR BRIGHT YELLOW) WHEN THE ADJACENT SIDEWALK IS A "WHITE" OR LIGHT GRAY CEMENT COLOR.

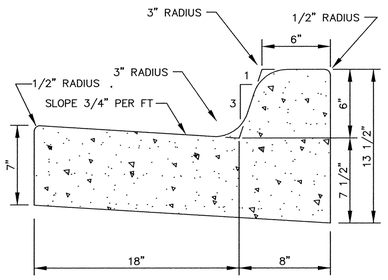
⑥ 4' 0" FOR NEW CONSTRUCTION. 3' 0" ALLOWED FOR RETROFITS OR PRESERVATION PROJECTS.

⑦ TRUNCATED DOMES SHALL BE STAMPED INTO THE WET CONCRETE WITH A METHOD SUCH AS THE INCRETE STAMP APPLICATION OR EQUAL. APPLICATION METHOD SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENTS.

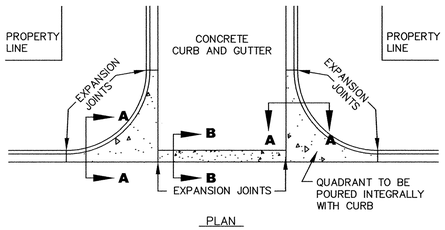
PEDESTRIAN CURB RAMP W/ DETECTABLE WARNING



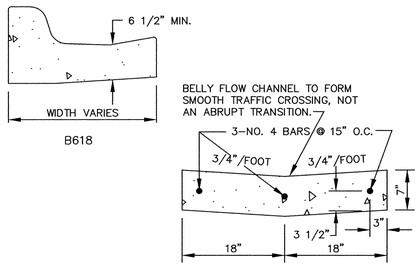
SURMOUNTABLE CONCRETE CURB AND GUTTER



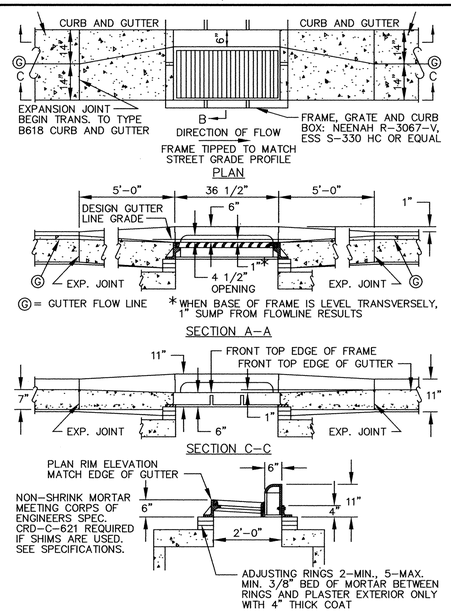
B618 CONCRETE CURB AND GUTTER



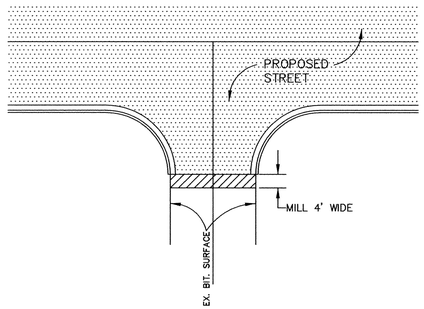
PLAN



SECTION B–B



SECTION B–B



REVISIONS			
NO.	DATE	BY	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

JOHN M. ANDERSON
AUG. 12, 2005
DATE
25889
LIC. NO.

CITY OF ELK RIVER
NORTHSTAR BUSINESS PARK
STREET CONSTRUCTION DETAILS

BDM
CONSULTING ENGINEERS, PLC
Engineers and Surveyors
4175 Lovell Road, Suite 112
Lexington, MN 55014
Phone: (763) 786–4570
Fax: (763) 786–4574
bdmce.com

DRAWN BY:	JL
CHECKED BY:	JMA
DESIGNED BY:	JL
JOB NO.	226035

SHEET	SHEETS
D7	25

SURMOUNTABLE AND B618 CONCRETE CURB AND GUTTER	STANDARD PLATE NO.	2000
CONCRETE "V" GUTTER	STANDARD PLATE NO.	2001
CATCH BASIN FRAME PLACEMENT SURMOUNTABLE CURB AND GUTTER	STANDARD PLATE NO.	2005
MATCH EXISTING BITUMINOUS SURFACING	STANDARD PLATE NO.	2006

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