C.S.A.H. NO.12

32.7'-6" LEAD
16"X6" TEE-O-340
6" SLEEVE

HYD w/VALVE
8m-150mm LEAD
400mmX150mm TEE

SEE SHEET C2-11

SEE SHEETC2-13

ROW

4.6 M DWY

15.240 m ROW

3.1 m

EXISTING BITUMINOUS

FUTURE CONCRETE CURB AND GUTTER BY OTHERS

PAVEMENT REMOVAL LIMITS

MILL EXISTING BITUMINOUS
SURFACE 25mmDEEP X 1m WIDE
STRAIGHT LINE CUT, TACK &
MATCH EXISTING BITUMINOUS

PT = 0+315.695

NOTE:
INSTALL WATERMAIN
2.3 METERS BELOW FUTURE
FINISHED CENTERLINE GRADE

8.5 M DWY

0 HORIZ (M) 10
1:250
0 VERT (M) 2
1:50

minnesota
METRIC

HIGH POINT ELEV = 277.646
HIGH POINT STA = 0+418.821
PVI STA = 0+417.576
PVI ELEV = 277.719
A.D. = -0.960
K = 63.501

BVCS: 0+387.096
EVCE: 277.567

EVCS: 0+448.056
EVCE: 277.579

FUTURE FINISHED ℄ GRADE

EXISTING ℄ PROFILE

2.3 m
MIN. COVER

(524.93'-16" DIP WATERMAIN)
160.0 m - 400 mm DIP WATERMAIN

8%

124.968 m - 600 mm RCP CL IV @ 0.30%

FUTURE STORM SEWER
BY OTHERS

275.804 N
272.372 W
272.342 E
ST MH
+362.712

275.804 N
272.372 W
272.342 E
ST MH
+457.380

0+320 0+360 0+400 0+440 0+480

DESIGNED BY: _____ JOB DATE: JULY 1998
DRAWN BY: _____ JOB NUMBER 800110J
APPROVED: _____ CAD DATE: JULY 1998
CAD FILE: March 29, 2001 9:35:54 a.m.
800110J\AS-BUILTS\AS_BALDWIN-5TH\AS08.DWG

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 10/15/98 REG.NO. 15316

NO.	DATE	BY	REVISION DESCRIPTION

Howard R. Green Company
CONSULTING ENGINEERS
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(612) 644-4389

CITY OF ELK RIVER
EASTERN AREA
PHASE I IMPROVEMENTS

WATERMAIN IMPROVEMENTS
C.S.A.H. NO.12
0+320 TO 0+480

SHEET NO.
C2-12

DRAWING NUMBER
SHERCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6592
POSITIVE EDGE BY PART NUMBER 6592
DRAWING NUMBER
EASTE1.98
97