

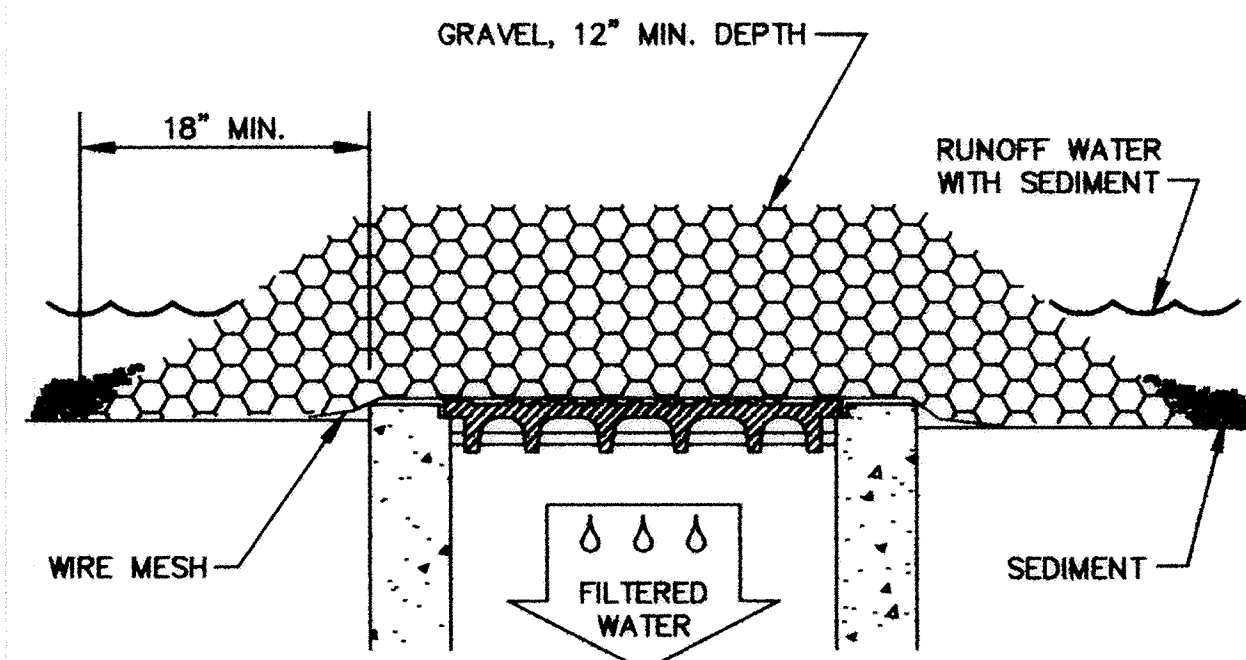
TYLER STREET NORTH OF CSAH 12

STORM SEWER SCHEDULE MAIN LINE												
Structure	Station (meters)	From	To	Length (meters)	Location	Top/GL	Invert In	Invert Out	Casting	Pipe Size (mm)	Pipe Class	Structure Size
FES	0+827	FES	E-8	38.40	24.0 m RT			275.848		375	Class V	
E-8	0+790	E-8	E-7	164.00	11.1 m LT	276.645	275.587 E	275.587 S	R-3067 V	375	Class V	1200 mm DIA
E-7	0+826	E-7	E-6	97.71	11.1 m LT	276.149	275.259 N	275.012 S	R-3067 V	450	Class V	1200 mm DIA
E-6	0+530	E-6	E-5	76.54	11.1 m LT	276.776	274.736 N	274.736 S	R-3067 V	450	Class V	1200 mm DIA
E-5	0+456	E-5	E-4	72.95	11.1 m LT	275.824	274.687 NE 274.515 NW	274.515 SE	R-3067 V	450	Class V	1200 mm DIA
E-4	0+384	E-4	E-3	52.00	11.1 m LT	274.38	273.244 NE 273.168 NW	273.168 SE	R-3067 V	450	Class V	1200 mm DIA
E-3	0+332	E-3	E-2	84.06	11.1 m LT	273.678	272.541 NE 272.457 NW	270.291 SE	R-3067 V	525	Class V	1200 mm DIA
E-2	0+247	E-2	Tee	3.31	11.1 m LT	274.277	273.009 NE 269.994 NW	269.994 E	R-3067 V	525	Class V	1200 mm DIA
D-4	0+152	D-4	D-3	45.89	11.1 m LT	274.999	273.862 E	273.780 N	R-3067 V	375	Class V	1200 mm DIA
D-3	0+201	D-3	D-2	11.05	11.1 m LT	274.626	273.551 S 273.490 E	273.414 W	R-3067 V	450	Class III	1200 mm DIA
D-7	0+086	D-7	D-6	8.40	12.5 m RT	275.394		271.459 W	R-3067 V	675	Class III	1200 mm DIA
D-6	0+086	D-6	D-5	5.47	4.110 m RT	275.424	271.434 E	271.434 W	R-3067 V	675	Class III	1200 mm DIA
D-5	0+086	D-5	D-1	11.44	1.355 m LT	275.394	271.418 E	271.418 W	R-3067 V	675	Class III	1200 mm DIA
D-1	0+086	D-1	EX STMH	21.30	12.8 m LT	275.394	274.533 NE 271.389 E	271.389 SW	R-3067 V	675	Class III	1200 mm DIA
D-2	0+200				22 m LT	274.90	274.354 E	269.805 S	R-1733			1800 mm DIA

STORM SEWER SCHEDULE CROSSINGS												
Structure	Station (meters)	From	To	Length (meters)	Location	Top/GL	Invert In	Invert Out	Casting	Pipe Size (mm)	Pipe Class	Structure Size
CB D4-D	0+152	CB D4-D	CB D4-C	12.00	11.1 m RT	274.999		274.085	R-3067 V	375	Class V	600 mm x 900 mm
CB D4-C	0+152	CB D4-C	CB D4-B	1.80	0.9 LT	274.927	273.965	274.001	R-3067 V	375	Class V	600 mm x 900 mm
CB D4-B	0+152	CB D4-B	STMH D-4	8.40	2.7 m LT	274.999	273.946	273.946	R-3067 V	375	Class V	600 mm x 900 mm
CB D3 D	0+201	CB D3 D	CB D3 C	8.40	11.1 m RT	274.826		273.712	R-3067 V	375	Class V	600 mm x 900 mm
CB D3 C	0+201	CB D3 C	CB D3 B	1.80	2.7 m RT	274.826	273.628	273.628	R-3067 V	375	Class V	600 mm x 900 mm
CB D3 B	0+201	CB D3 B	STMH D3	12.00	0.9 m RT	274.58	273.61	273.61	R-3067 V	375	Class V	600 mm x 900 mm
CB E2 D	0+247	CB E2 D	CB E2 C	8.40	11.1 m RT	274.277		273.225	R-3067 V	375	Class V	600 mm x 900 mm
CB E2 C	0+247	CB E2 C	CB E2 B	2.70	2.7 m RT	274.277	273.141	273.141	R-3067 V	375	Class V	600 mm x 900 mm
CB E2 B	0+247	CB E2 B	STMH E2	10.50	0.35 m LT	274.223	273.114	273.114	R-3067 V	375	Class V	600 mm x 900 mm
CB E3-D	0+332	CB E3-D	CB E3-C	8.40	11.1 m RT	273.678		272.764	R-3067 V	375	Class V	600 mm x 900 mm
CB E3-C	0+332	CB E3-C	CB E3-B	5.40	2.7 m RT	273.678	272.68	272.68	R-3067 V	375	Class V	600 mm x 900 mm
CB E3-B	0+332	CB E3-B	STMH E3	8.40	2.7 m LT	273.678	272.626	272.626	R-3067 V	375	Class V	600 mm x 900 mm
CB E5-D	0+456	CB E5-D	CB E5-C	8.40	11.1 m RT	275.824		274.91	R-3067 V	375	Class V	600 mm x 900 mm
CB E5-C	0+456	CB E5-C	CB E5-B	5.40	2.7 m RT	275.824	274.826	274.826	R-3067 V	375	Class V	600 mm x 900 mm
CB E5-B	0+456	CB E5-B	STMH E5	8.40	2.7 m LT	275.824	274.771	274.771	R-3067 V	375	Class V	600 mm x 900 mm
CB E4-D	0+384	CB E4-D	CB E4-C	8.40	11.1 m RT	274.38		273.466	R-3067 V	375	Class V	600 mm x 900 mm
CB E4-C	0+384	CB E4-C	CB E4-B	5.40	2.7 m RT	274.38	273.382	273.382	R-3067 V	375	Class V	600 mm x 900 mm
CB E4-B	0+384	CB E4-B	STMH E4	8.40	2.7 m LT	274.38	273.328	273.328	R-3067 V	375	Class V	600 mm x 900 mm
CB E7-D	0+626	CB E7-D	CB E7-C	8.40	11.1 m RT	276.149		275.235	R-3067 V	375	Class V	600 mm x 900 mm
CB E7-C	0+626	CB E7-C	CB E7-B	5.40	2.7 m RT	276.149	275.151	275.151	R-3067 V	375	Class V	600 mm x 900 mm
CB E7-B	0+626	CB E7-B	STMH E7	8.40	2.7 m LT	276.149	275.096	275.096	R-3067 V	375	Class V	600 mm x 900 mm
CB E8-D	0+790	CB E8-D	CB E8-C	8.40	11.1 m RT	276.645		275.698	R-3067 V	375	Class V	600 mm x 900 mm
CB E8-C	0+790	CB E8-C	CB E8-B	5.40	2.7 m RT	276.645	275.656	275.656	R-3067 V	375	Class V	600 mm x 900 mm
CB E8-B	0+790	CB E8-B	STMH E8	8.40	2.7 m LT	276.645	275.629	275.629	R-3067 V	375	Class V	600 mm x 900 mm
CB D1-A	0+089	CB D1-A	STMH D1	3.00	2.7 m LT	275.379		274.563	R-3067 V	375	Class V	600 mm x 900 mm

STORM SEWER ON CSAH 12

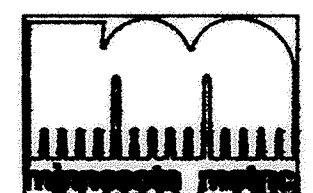
STORM SEWER SCHEDULE CROSSINGS												
Structure	Station (meters)	From	To	Length (meters)	Location	Top/GL	Invert In	Invert Out	Casting	Pipe Size (mm)	Pipe Class	Structure Size
CB F1	0+003.0 N	CB F1	MH 18A	19.00	23.55 m LT		275.165	275.135	R-3250 CV	375	Class V	1200 mm DIA
CB F2	0+013.6 N	CB F2	CB F1	11.50	26.72 m LT			275.222	R-3250 CV	375	Class V	685 mm DIA
CB F3	0+003.9 S	CB F3	MH 18A	48.00	25.49 m RT		275.629	271.731	R-3250 CV	600	Class IV	1200 mm DIA
CB F4	0+010.1 N	CB F4	CB F3	13.40	25.47 m RT			274.82	R-3250 CV	375	Class V	685 mm DIA



CATCH BASIN SEDIMENT BARRIER DURING CONSTRUCTION

ALL STORM SEWER INLETS SHALL BE PROTECTED IN ACCORDANCE WITH MnPCA BEST MANAGEMENT PRACTICES MANUAL TYPE E GRAVEL AND MESH DROP INLET SEDIMENT FILTER.

NOTE:  
CB LOCATIONS AND OFFSETS MEASURED TO FACE OF CURB



DESIGNED BY: --- DRAWN BY: *gfg*  
 APPROVED: --- JOB NUMBER 800110J  
 CAD DATE: July 09, 1999 11:43:03 a.m.  
 CAD FILE: 800110T\MISC\N. TYLER-ST-SCH.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: \_\_\_\_\_ REG. NO. 15316

NO.	DATE	BY	REVISION DESCRIPTION

1326 ENERGY PARK DRIVE  
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 Howard R. Green Company  
 CONSULTING ENGINEERS

CITY OF ELK RIVER  
 EASTERN AREA  
 TYLER STREET IMPROVEMENTS

TABULATIONS  
 SP 71-613-08, SP 204-020-03, SP 204-133-01, SP 204-132-03

SHEET NO.  
 G-9

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