

TREE TRENCH NAME	SECTION	START STA.	END STA.	A (FT)	B (FT)	C (FT)
FILLMORE LT	1	88+92	89+37	11	2.8-4.1	6
FILLMORE LT	1	90+41	90+74	16	7.9-8.8	11
FILLMORE LT	1	90+78	91+17	11-16	0.0-7.9	6-11'
FILLMORE LT	1	91+33	91+67	10.5	2.6-0.0	5.5
FILLMORE RT	1	88+92	89+75	11-15	8.2-6.3	6-10'
FILLMORE RT	1	90+62	91+00	11.5	4.0-3.5	6.5
FILLMORE RT	1	91+12	91+94	11.5	4.2-2.7	6.5
FILLMORE RT	1	91+98	92+37	11.5	0.3-4.5	6.5

TREE TRENCH NAME	SECTION	START STA.	END STA.	A (FT)	B (FT)	C (FT)
BUCHANAN LT	1	60+41	60+64	14.8	6.6-5.8	9.8
BUCHANAN LT	1	60+68	60+89	14.8	4.5-6.4	9.8
BUCHANAN LT	1	61+00	61+53	15	2.8-4.0	10
BUCHANAN LT	2	61+73	61+95	7.9	1.7-1.0	2.9
BUCHANAN LT	1	61+95	62+08	15.2	5.2-6.1	10.2
BUCHANAN LT	1	62+20	62+74	15.2	8.9-9.3	10.2
BUCHANAN RT	1	59+68	59+80	8.6-12.3	5.4-2.3	3.6-7.3
BUCHANAN RT	1	59+85	60+25	8.7-12.7	5.4	3.7-7.7
BUCHANAN RT	1	60+30	60+58	8-12.5	0.0-4.7	5-7.5

TREE TRENCH NAME	SECTION	START STA.	END STA.	A (FT)	B (FT)	C (FT)
LINCOLN LT	1	53+33	53+81	11.4-15.7	5.1-3.6	6.4-8.7'
LINCOLN LT	1	53+86	54+31	13	5.0	7.8
LINCOLN LT	1	54+34	54+64	13	5.1-5.0	7.8
LINCOLN RT	2	50+87	51+51	7	0.9-0.8	2
LINCOLN RT	2	51+55	52+10	7	0.7-0.9	2
LINCOLN RT	2	52+14	52+59	10.1-13.1	1.0-0.7	2-7'

DIMENSIONS VARY BASED ON ROADWAY GEOMETRY. SEE DRAINAGE PLANS FOR TREE TRENCH HATCHES.

TRANSVERSE TREE TRENCH SECTION 1

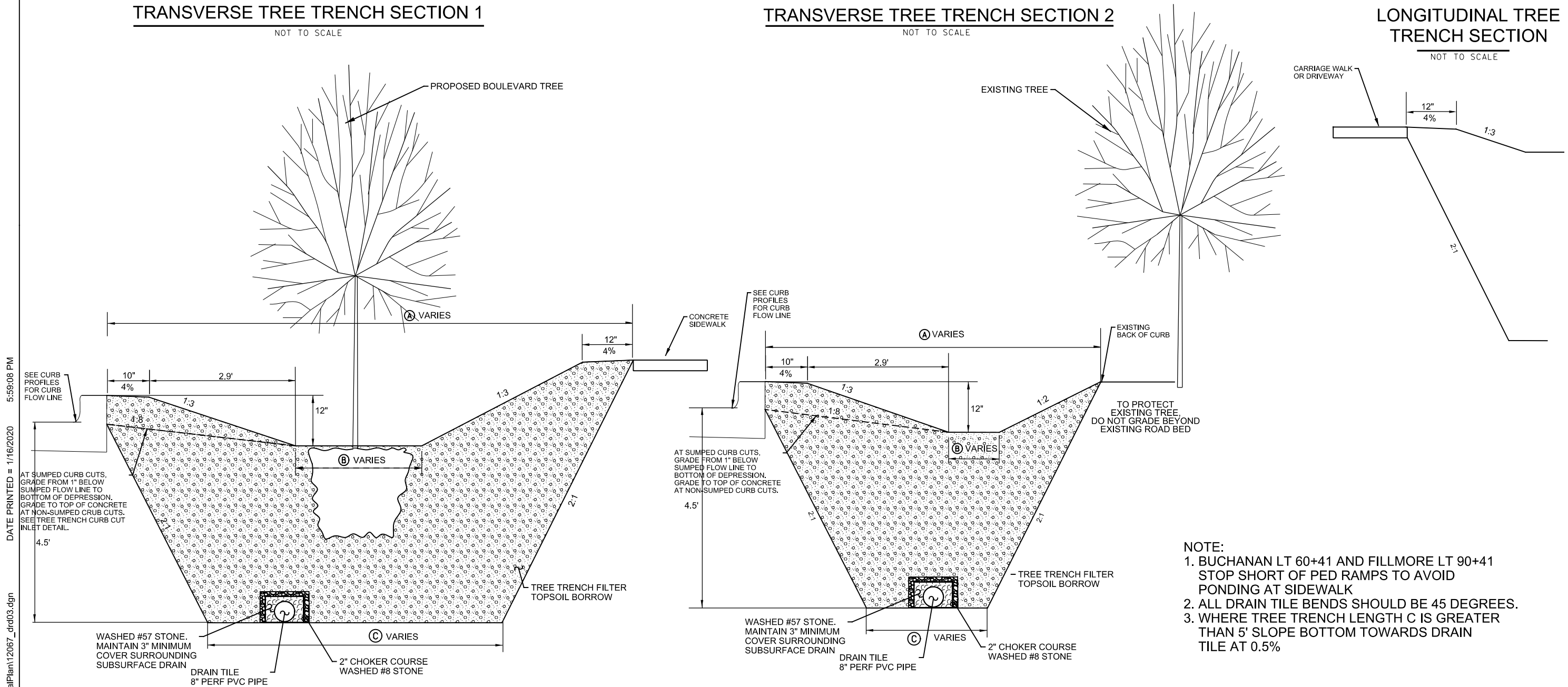
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TRANSVERSE TREE TRENCH SECTION 2

NOT TO SCALE

LONGITUDINAL TREE TRENCH SECTION

NOT TO SCALE



- NOTE:
1. BUCHANAN LT 60+41 AND FILLMORE LT 90+41 STOP SHORT OF PED RAMPS TO AVOID PONDING AT SIDEWALK
 2. ALL DRAIN TILE BENDS SHOULD BE 45 DEGREES.
 3. WHERE TREE TRENCH LENGTH C IS GREATER THAN 5' SLOPE BOTTOM TOWARDS DRAIN TILE AT 0.5%

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NO.	DATE	DRW	CKD	APP	REVISION

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.

Lisa A. Breu 54289 01/16/2020
 LISA A. BREU LIC. NO. DATE

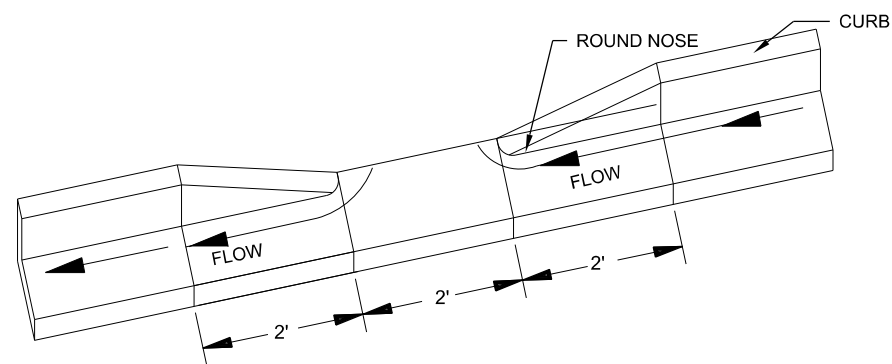
 	DRAINAGE DETAILS		HOYER HEIGHTS RECONSTRUCTION		95 OF 134
	DRW: JJB	DATE: 01/24/19	LP 600D2317	LP 600D4569	
	CHK: DEM	DATE: 06/12/19			
APP: LAB	DATE: 06/12/19				

CURB CUT	START STA.	END STA.
FILLMORE RT (A)	92+35.00	92+29.00
FILLMORE RT	92+06.81	92+00.81
FILLMORE RT (A)	91+91.21	91+85.21
FILLMORE LT (A)	91+64.40	91+58.40
FILLMORE LT	91+46.10	91+40.10
FILLMORE RT (A)	91+25.90	91+19.90
FILLMORE LT (A)	91+08.77	91+02.88
FILLMORE RT (A)	90+92.45	90+86.45
FILLMORE LT	90+86.15	90+80.15
FILLMORE LT (A)	90+70.80	90+64.80
FILLMORE RT	90+67.70	90+61.70
FILLMORE RT (A)	89+68.00	89+62.00
FILLMORE LT (A)	89+37.50	89+31.50
FILLMORE LT	89+03.00	88+97.00
FILLMORE RT	89+02.99	88+96.99

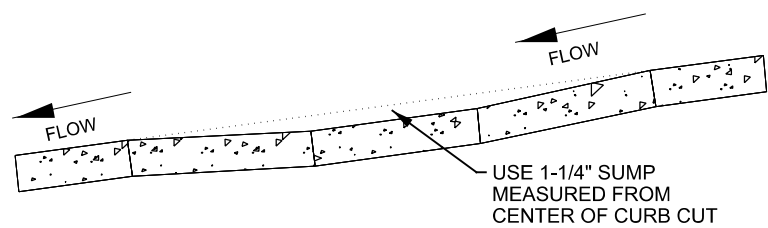
CURB CUT	START STA.	END STA.
BUCHANAN LT (A)	62+66.90	62+60.90
BUCHANAN LT	62+33.60	62+27.60
BUCHANAN LT (A)	62+00.45	61+94.45
BUCHANAN LT	61+85.30	61+79.30
BUCHANAN LT (A)	61+46.80	61+40.80
BUCHANAN LT	61+13.60	61+07.60
BUCHANAN LT (A)	60+81.70	60+75.70
BUCHANAN LT (A)	60+60.84	60+54.84
BUCHANAN RT (A)	60+49.94	60+44.06
BUCHANAN RT (A)	60+18.84	60+12.84
BUCHANAN RT	59+97.10	59+91.10
BUCHANAN RT (A)	59+75.23	59+69.35

CURB CUT	START STA.	END STA.
LINCOLN LT (A)	54+61.20	54+55.20
LINCOLN LT	54+43.00	54+37.00
LINCOLN LT (A)	54+27.71	54+21.71
LINCOLN LT	53+94.85	53+88.85
LINCOLN LT (A)	53+77.50	53+71.50
LINCOLN LT	53+46.00	53+40.00
LINCOLN RT (A)	52+47.80	52+41.62
LINCOLN RT	50+96.00	50+90.00
LINCOLN RT (A)	51+47.71	51+41.71
LINCOLN RT	51+63.51	51+57.51
LINCOLN RT (A)	52+07.09	52+01.09
LINCOLN RT	52+22.87	52+16.87

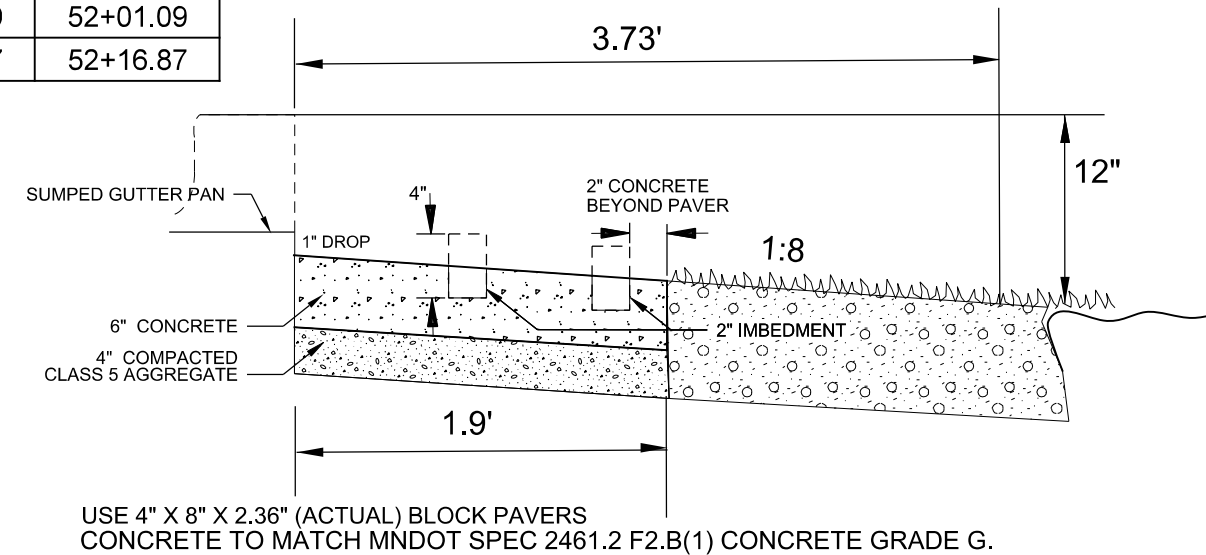
(A) SUMPED CURB CUT INLETS



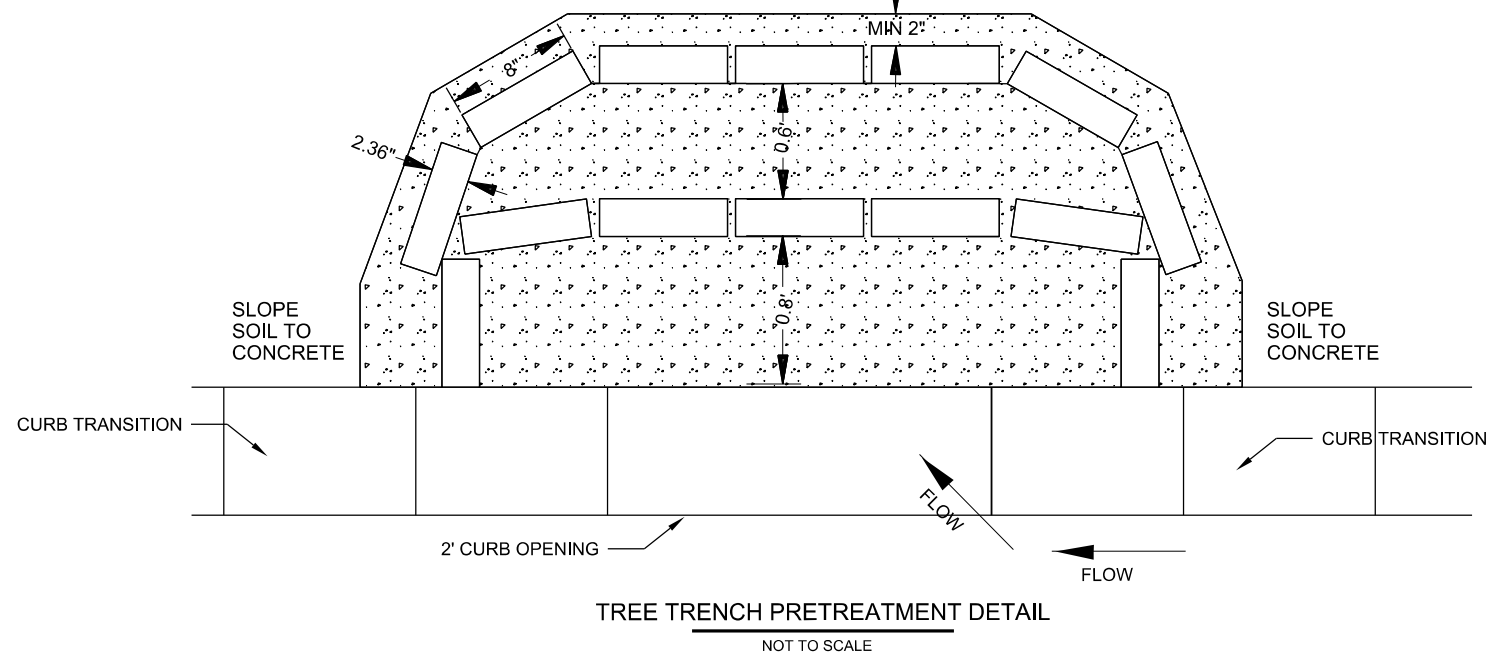
TREE TRENCH CURB CUT INLET DETAIL
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DEPRESSION (SUMP) IN FLOW LINE AT SUMPED CURB CUT LOCATION
SEE STORM SEWER PLAN/PROFILE SHEETS FOR LOCATION OF CURB CUTS



USE 4" X 8" X 2.36" (ACTUAL) BLOCK PAVERS
CONCRETE TO MATCH MNDOT SPEC 2461.2 F2.B(1) CONCRETE GRADE G.



TREE TRENCH PRETREATMENT DETAIL
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Lisa A. Breu
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54289 01/16/2020
LIC. NO. DATE



Minneapolis
Public Works

DRAINAGE DETAILS

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HOYER HEIGHTS RECONSTRUCTION

LP 600D2317 LP 600D4569