

CONTRACT CHANGE ORDER FORM

CITY OF LAKE ELMO, MINNESOTA
LAKE ELMO AVE SEWER INFRASTRUCTURE IMPROVEMENTS
2013.123

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 2

DATE: November 6, 2013

TO: Minger Construction, Inc. 2471 Galpin Court, Suite 110, Chanhassen, MN 55317

This Document will become a supplement to the Contract and all provisions will apply hereto. The Contract Documents are modified as follows upon execution of this Change Order.

CHANGE ORDER DESCRIPTION / JUSTIFICATION:

This change order is being issued (1) due to a request by the Contractor to relocate MH 0-1 to create more separation from Hudson Boulevard to install the manhole. The Contractor has agreed to pay the cost for additional permanent easement on PIN No. 36-029-21-33-0004 to accomodate this request. (2) includes deduction for the salvage existing irrigation pump house bid item, as this task was completed by the owners of the Country Air Golf Course. (3) includes increasing the watermain pipe to the lift station site from a 6" diameter to a 12" diameter to serve future Village Development. The attached itemization indicates the revised quantities and contract amounts to reflect these changes.

Attachments (list documents supporting change): Change Order No. 2 Itemization; Plan Sheet C500 and C517 have been replaced.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNITE PRICE	INCREASE/(DECREASE)
	***SEE ATTACHED ITEMIZATION				\$9,070.00
NET CONTRACT CHANGE					\$9,070.00

Amount of Original Contract	\$	3,463,201.60
Sum of Additions/Deductions approved to date (CO # 1)	\$	(19,603.70)
Contract Amount to date	\$	3,443,597.90
Amount of this Change Order (ADD) (DEDUCT) (NO CHANGE)	\$	9,070.00
Revised Contract Amount	\$	3,452,667.90

The Contract Period for Completion will be (UNCHANGED) (~~INCREASED~~) (~~DECREASED~~) 0 days

APPROVED BY ENGINEER: FOCUS Engineering, inc.

APPROVED BY CONTRACTOR

ENGINEER

BY

DATE

DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

BY

BY

DATE

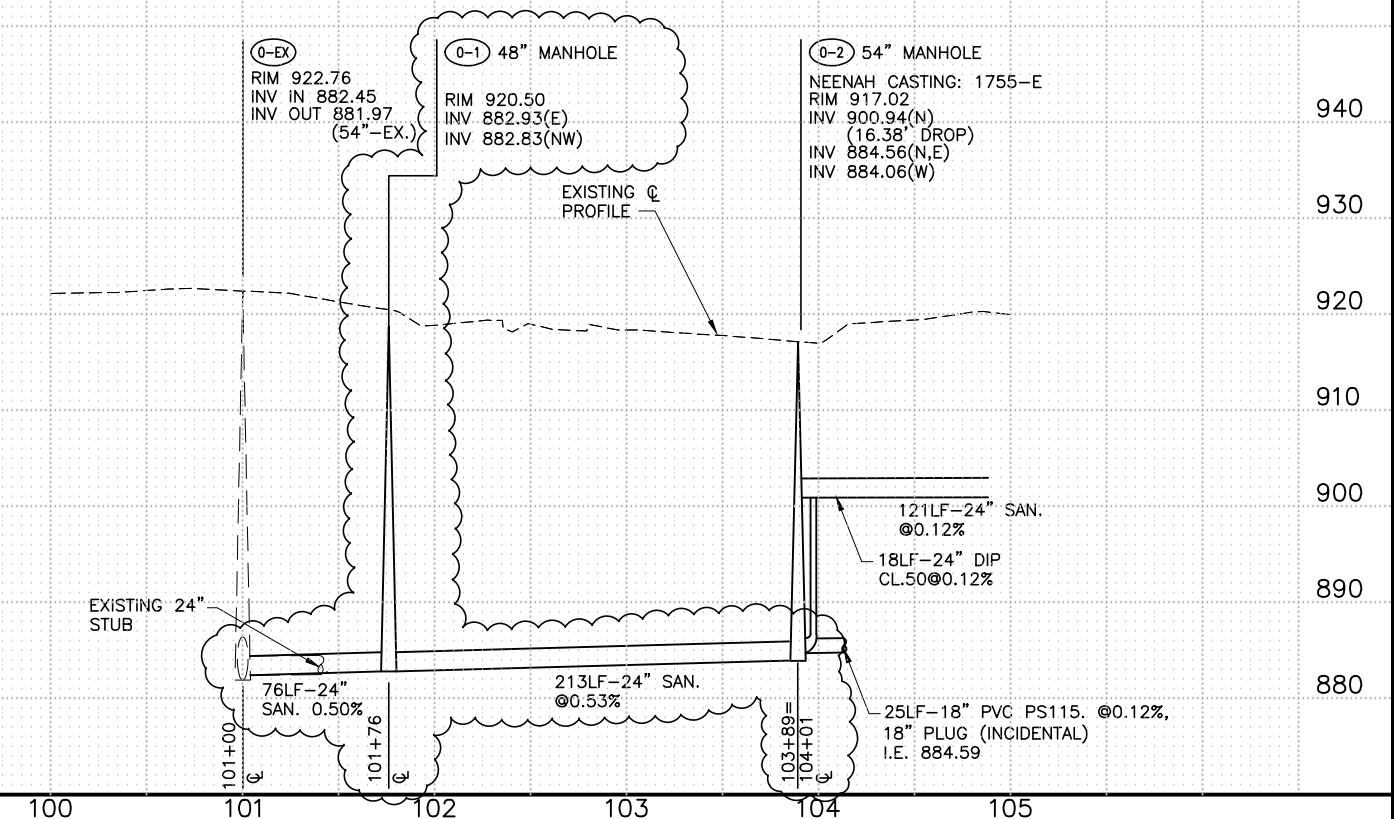
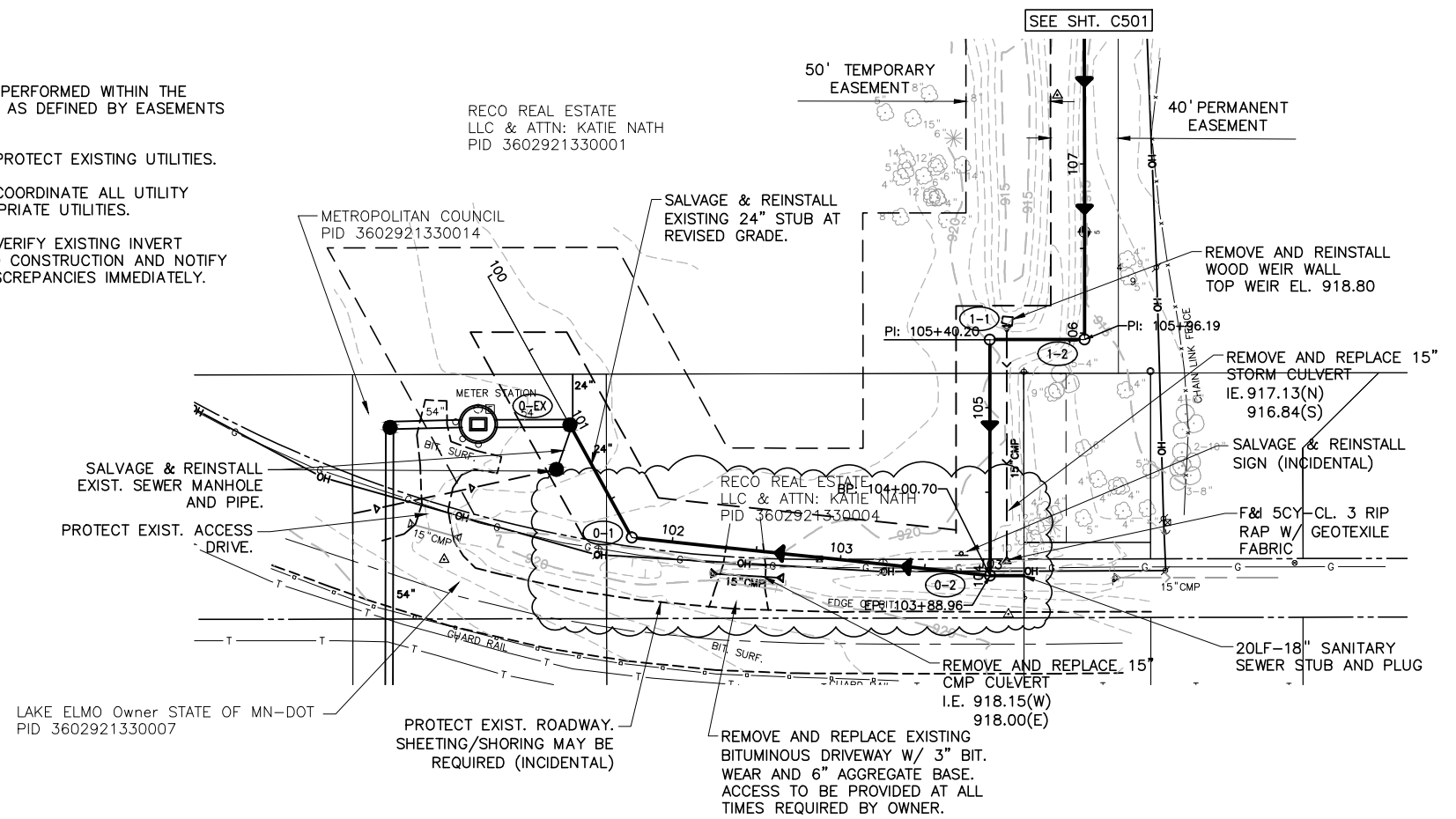
DATE



LAKE ELMO AVE SEWER INFRASTRUCTURE IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
2013.123

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CURRENT CONTRACT			CHANGE ORDER NO.2		REVISED CONTRACT AMOUNT		
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	
DIVISION 1 - GENERAL										
1	MOBILIZATION	LS	1	\$33,000.00	\$33,000.00	0		1	\$33,000.00	
2	TRAFFIC CONTROL	LS	1	\$16,500.00	\$16,500.00	0		1	\$16,500.00	
3	SILT FENCE	LF	3654	\$1.65	\$6,029.10	0		3,654	\$6,029.10	
4	ROCK CONSTRUCTION ENTRANCE	EA	3	\$970.00	\$2,910.00	0		3	\$2,910.00	
5	WATER FOR DUST CONTROL	MGAL	2	\$278.00	\$556.00	0		2	\$556.00	
6	TREE REMOVAL	EA	204.0	\$266.00	\$54,264.00	2	\$532.00	206	\$54,796.00	
7	CLEARING & GRUBBING	AC	1.90	\$4,160.00	\$7,904.00	0		2	\$7,904.00	
8	INLET PROTECTION	EA	4	\$350.00	\$1,400.00	0		4	\$1,400.00	
9	HYDRO MULCH W/ SEED & FERTILIZER	AC	9.49	\$3,700.00	\$35,113.00	0		9	\$35,113.00	
10	SEEDING (WETLAND MIX)	AC	0.2	\$4,250.00	\$850.00	0		0	\$850.00	
11	EROSION CONTROL BLANKET (WOOD FIBER)	SY	5625	\$1.10	\$6,187.50	0		5,625	\$6,187.50	
12	TOPSOIL BORROW	CY	500	\$13.00	\$6,500.00	0		500	\$6,500.00	
13	DITCH CHECK	LF	60	\$5.25	\$315.00	0		60	\$315.00	
14	MODULAR BLOCK RETAINING WALL	SF	60	\$55.00	\$3,300.00	0		60	\$3,300.00	
15	SALVAGE/SALVAGE AND REINSTALL EXISTING IRRIGATION PUMP HOUSE AND EQUIPEMENT	LS	1	\$1,400.00	\$1,400.00	-1	-\$1,400.00	0	\$0.00	
16	RAIN GARDEN	LS	1	\$11,500.00	\$11,500.00	0		1	\$11,500.00	
SUBTOTAL - DIVISION 1			\$187,728.60			-\$868.00		\$186,860.60		
DIVISION 2 - SANITARY SEWER										
1	CONNECT TO EXISTING MANHOLE	EA	1	\$11,600.00	\$11,600.00	0		1	\$11,600.00	
2	SALVAGE & REINSTALL EXISTING SANITARY SEWER MANHOLE	EA	1	\$3,760.00	\$3,760.00	0		1	\$3,760.00	
3	SALVAGE & REINSTALL EXISTING SANITARY SEWER	LF	100	\$84.00	\$8,400.00	0		100	\$8,400.00	
4	LIFT STATION STRUCTURE, VALVE VAULT, AND PIPING	LS	1	\$187,000.00	\$187,000.00	0		1	\$187,000.00	
5	LIFT STATION PUMPS AND ACCESSORIES	LS	1	\$66,750.00	\$66,750.00	0		1	\$66,750.00	
6	LIFT STATION ELECTRICAL AND CONTROLS	LS	1	\$134,000.00	\$134,000.00	0		1	\$134,000.00	
7	GENERATOR	LS	1	\$98,250.00	\$98,250.00	0		1	\$98,250.00	
8	CHEMICAL FEED SYSTEM	LS	1	\$243,000.00	\$243,000.00	0		1	\$243,000.00	
9	16" HDPE FORCEMAIN, INSTALLED BY HDD	LF	15649	\$81.00	\$1,267,569.00	0		15,649	\$1,267,569.00	
10	16" HDPE FORCEMAIN, INSTALLED BY OPEN CUT	LF	399	\$57.00	\$22,743.00	0		399	\$22,743.00	
11	8" PVC, SDR 35 SANITARY SEWER (10'-15' DEPTH)	LF	15	\$155.00	\$2,325.00	0		15	\$2,325.00	
12	8" PVC, SDR 35 SANITARY SEWER (15'-20' DEPTH)	LF	15	\$155.00	\$2,325.00	0		15	\$2,325.00	
13	8" PVC, SDR 35 SANITARY SEWER (20'-25' DEPTH)	LF	0	\$155.00	\$0.00	0		0	\$0.00	
14	18" PVC, SDR 26 SANITARY SEWER (10'-15' DEPTH)	LF	213	\$91.00	\$19,383.00	0		213	\$19,383.00	
15	18" PVC, SDR 26 SANITARY SEWER (15'-20' DEPTH)	LF	193	\$91.00	\$17,563.00	0		193	\$17,563.00	
16	18" PVC, PS115 SANITARY SEWER (30'-35" DEPTH)	LF	25	\$258.00	\$6,450.00	0		25	\$6,450.00	
17	24" SANITARY SEWER (0'-10' DEPTH)	LF	45	\$116.00	\$5,220.00	0		45	\$5,220.00	
18	24" SANITARY SEWER (10'-15' DEPTH)	LF	999	\$116.00	\$115,884.00	0		999	\$115,884.00	
19	24" SANITARY SEWER (15'-20' DEPTH)	LF	1353	\$116.00	\$156,948.00	0		1,353	\$156,948.00	
20	24" SANITARY SEWER (20'-25' DEPTH)	LF	583	\$116.00	\$67,628.00	0		583	\$67,628.00	
21	24" SANITARY SEWER (25'-30' DEPTH)	LF	213	\$116.00	\$24,708.00	0		213	\$24,708.00	
22	24" SANITARY SEWER (30'-35' DEPTH)	LF	92	\$116.00	\$10,672.00	0		92	\$10,672.00	
23	24" SANITARY SEWER (35'-40' DEPTH)	LF	169	\$116.00	\$19,604.00	0		169	\$19,604.00	
24	6" PVC, SDR 26 SOLVENT WELD SERVICE PIPE	LF	20	\$82.00	\$1,640.00	0		20	\$1,640.00	
25	6" ON 18" WYE BRANCH	EA	1	\$1,140.00	\$1,140.00	0		1	\$1,140.00	
26	48" DIAMETER SAN. MANHOLE, TYPE 301 (0'-10' DEPTH)	EA	12	\$4,900.00	\$58,800.00	0		12	\$58,800.00	
27	54" DIAMETER SAN. MANHOLE, TYPE 301 (0'-10' DEPTH)	EA	4	\$8,400.00	\$33,600.00	0		4	\$33,600.00	
28	48" DIAMETER SAN. MANHOLE, TYPE 301 EXTRA DEPTH (>10' DEPTH)	VF	120.1	\$73.00	\$8,767.30	0		120	\$8,767.30	
29	54" DIAMETER SAN. MANHOLE, TYPE 301 EXTRA DEPTH (>10' DEPTH)	VF	44.1	\$120.00	\$5,292.00	0		44	\$5,292.00	
30	72" CLEANOUT MANHOLE	EA	5	\$10,400.00	\$52,000.00	0		5	\$52,000.00	
31	72" AIR RELEASE MANHOLE	EA	4	\$13,500.00	\$54,000.00	0		4	\$54,000.00	
32	6" DIP CLASS 50 SANITARY SEWER	LF	0	\$108.00	\$0.00	0		0	\$0.00	
33	18" DIP CLASS 50 SANITARY SEWER	LF	18	\$138.00	\$2,484.00	0		18	\$2,484.00	
34	24" DIP CLASS 50 SANITARY SEWER	LF	36	\$301.00	\$10,836.00	0		36	\$10,836.00	
35	EXTERNAL MANHOLE DROP	EA	3	\$9,300.00	\$27,900.00	0		3	\$27,900.00	
36	16" RES. SEAT GATE VALVE & BOX	EA	18	\$8,000.00	\$144,000.00	0		18	\$144,000.00	
37	EXCAVATE, SALVAGE, AND STOCKPILE WETLAND SOIL (CV)	CY	803	\$1.00	\$803.00	0		803	\$803.00	
38	PLACE SALVAGED WETLAND SOIL (CV)	CY	803	\$1.00	\$803.00	0		803	\$803.00	
39	TRENCH STABILIZATION ROCK	LF	300	\$32.00	\$9,600.00	0		300	\$9,600.00	
40	TELEVISION	LF	4541	\$1.25	\$5,676.25	0		4,541	\$5,676.25	
41	HORIZONTAL DIRECTIONAL DRILLING BORE PITS	LS	1	\$190,000.00	\$190,000.00	0		1	\$190,000.00	
SUBTOTAL - DIVISION 2			\$3,099,123.55			\$0.00		\$3,099,123.55		
DIVISION 3 - WATERMAIN										
1	8"X6" WET TAP (INCLUDE SLEEVE AND VALVE)	EA	1	\$5,100.00	\$5,100.00	-1	-\$5,100.00	0	\$0.00	
2	6" DIP, CL 52 WATERMAIN	LF	382	\$41.00	\$15,662.00	-282	-\$11,562.00	100	\$4,100.00	
3	6" RES. SEAT GATE VALVE & BOX	EA	1	\$1,300.00	\$1,300.00	0		1	\$1,300.00	
4	6" HYDRANT (8'-6" BURY)	EA	1	\$4,600.00	\$4,600.00	0		1	\$4,600.00	
SUBTOTAL - DIVISION 3			\$26,662.00			-\$16,662.00		\$10,000.00		
DIVISION 4 - STREETS & RESTORATION										
1	SAWCUT BITUMINOUS PAVEMENT	LF	85	\$5.50	\$467.50	0		85	\$467.50	
2	REMOVE PIPE CULVERT (ALL TYPES & SIZES)	LF	178	\$4.50	\$801.00	0		178	\$801.00	
3	SALVAGE & REINSTALL WOOD WIER	EA	1	\$1,050.00	\$1,050.00	0		1	\$1,050.00	
4	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT, DRIVES	SY	120	\$2.90	\$348.00	0		120	\$348.00	
5	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT, STREETS	SY	25	\$2.90	\$72.50	0		25	\$72.50	
6	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	LF	20	\$2.50	\$50.00	0		20	\$50.00	
7	LIFT STATION SITE GRADING	LS	1	\$21,600.00	\$21,600.00	0		1	\$21,600.00	
8	CL 5 AGGREGATE BASE	TN	1101	\$18.00	\$19,818.00	0		1,101	\$19,818.00	
9	SPWEA240B BITUMINOUS WEAR COURSE, DRIVES	SY	120	\$44.00	\$5,280.00	0		120	\$5,280.00	
10	SPNWB230B BITUMINOUS NON-WEAR COURSE, STREETS	TN	165	\$194.00	\$32,010.00	0		165	\$32,010.00	
11	SPWEA240B BITUMINOUS WEAR COURSE, STREETS	TN	125	\$194.00	\$24,250.00	0		125	\$24,250.00	
12	BITUMINOUS MATERIAL FOR TACK COAT	GA	69	\$4.25	\$293.25	0		69	\$293.25	
13	CONCRETE CURB & GUTTER	LF	20	\$55.00	\$1,100.00	0		20	\$1,100.00	
14	CL 5 AGGREGATE BASE, SHOULDER	TN	55	\$47.00	\$2,585.00	0		55	\$2,585.00	
15	15" CMP PIPE CULVERT W/APRON	LF	178	\$47.00	\$8,366.00	0		178	\$8,366.00	
16	CL 3 RIP RAP W/ GEOTEXTLE FABRIC	CY	5	\$125.00	\$625.00	0		5	\$625.00	

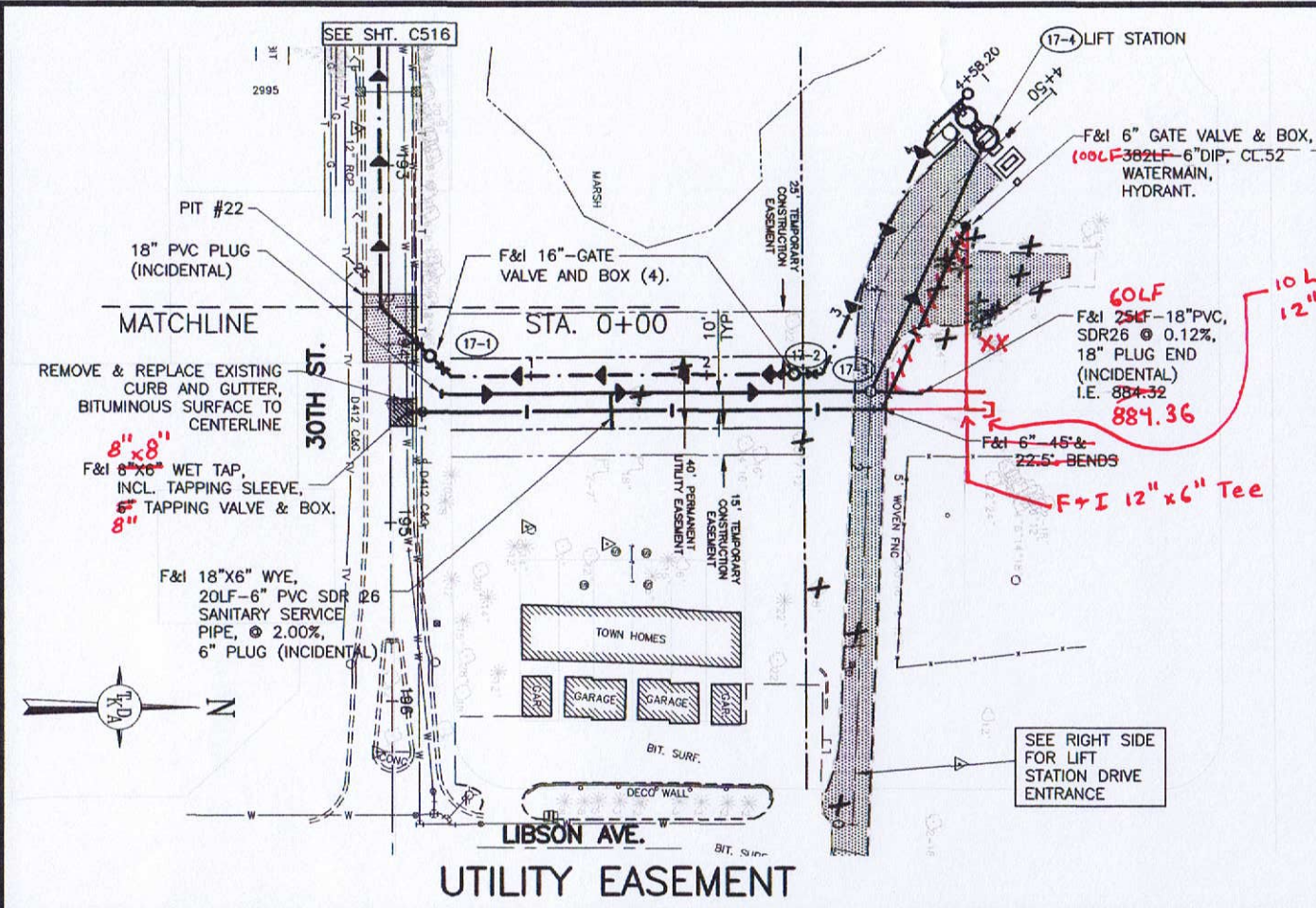
17	OFF ROAD STRUCTURE MARKER	EA	25	\$88.00	\$2,200.00	0	25	\$2,200.00
SUBTOTAL - DIVISION 4					\$120,916.25	\$0.00		\$120,916.25
TOTALS - CURRENT CONTRACT					\$3,434,430.40	-\$17,530.00		\$3,416,900.40
CHANGE ORDER NO. 1								
CO1-1	8" PVC, SDR 23.5 SANITARY SEWER (25'-30" DEPTH)	LF	44.0	\$200.00	\$8,800.00		44.0	\$8,800.00
CO1-2	4" POLYSTYRENE INSULATION	SY	10.5	\$35.00	\$367.50		10.5	\$367.50
TOTALS - CHANGE ORDER NO. 1					\$9,167.50			\$9,167.50
CHANGE ORDER NO. 2								
CO2-1	COST FOR ADDITIONAL EASEMENT TO RELOCATE MH 0-1	LS		-\$3,500.00		1.00	1.00	-\$3,500.00
CO2-2	8" X 8" WET TAP INCL. VALVE & SLEEVE	EA		\$5,500.00		1.00	1.00	\$5,500.00
CO2-3	12" DIP CL. S2 WATERMAIN INCL. FITTINGS	LF		\$75.00		328.00	328.00	\$24,600.00
TOTALS - CHANGE ORDER NO. 2					\$0.00	\$9,070.00		\$26,600.00
TOTALS - REVISED CONTRACT					\$3,443,597.90			\$3,452,667.90

1. ALL WORK SHALL BE PERFORMED WITHIN THE CONSTRUCTION LIMITS AS DEFINED BY EASEMENTS OR ROW.
2. CONTRACTOR SHALL PROTECT EXISTING UTILITIES.
3. CONTRACTOR SHALL COORDINATE ALL UTILITY IMPACTS WITH APPROPRIATE UTILITIES.
4. CONTRACTOR SHALL VERIFY EXISTING INVERT ELEVATIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.



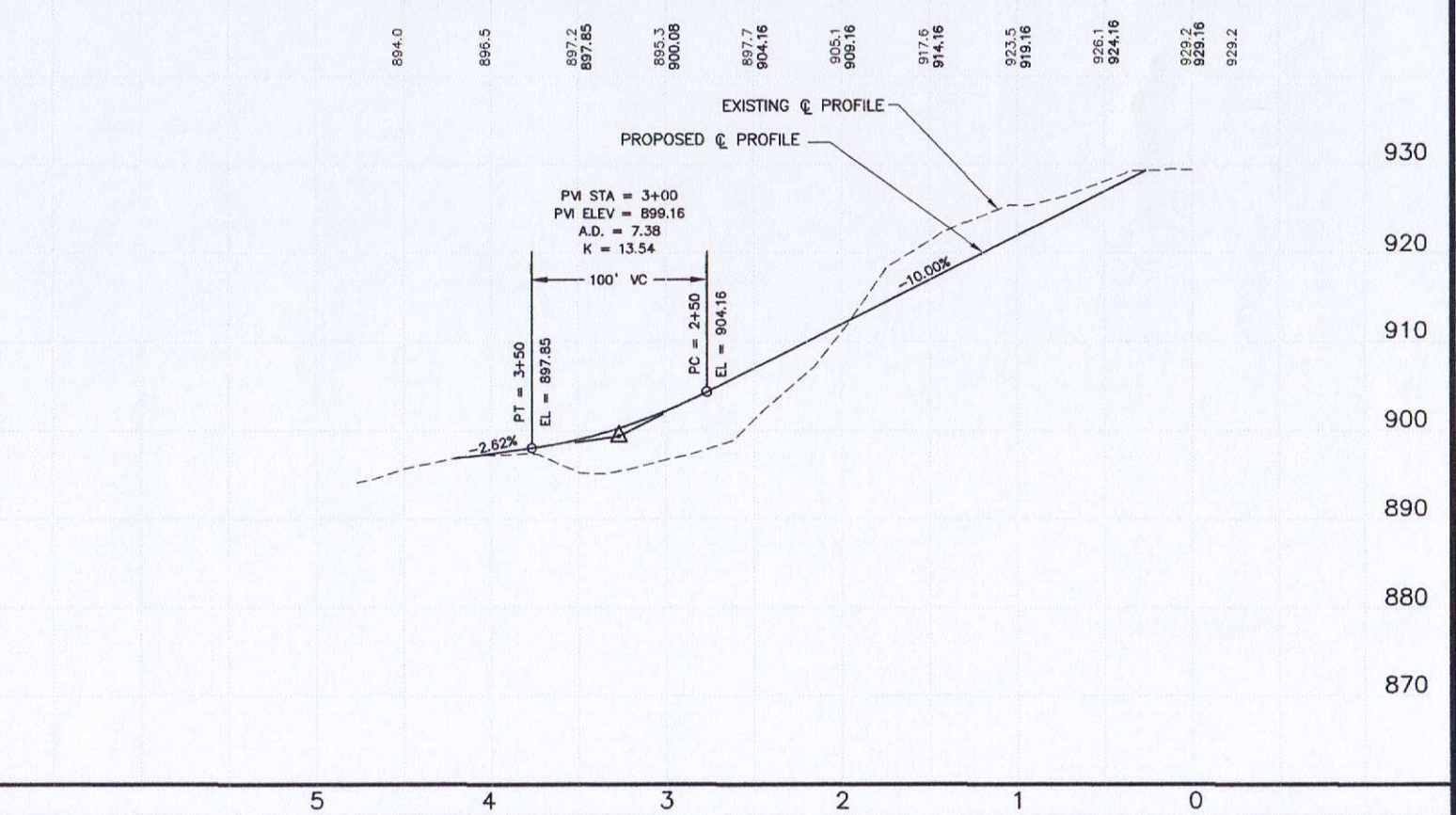
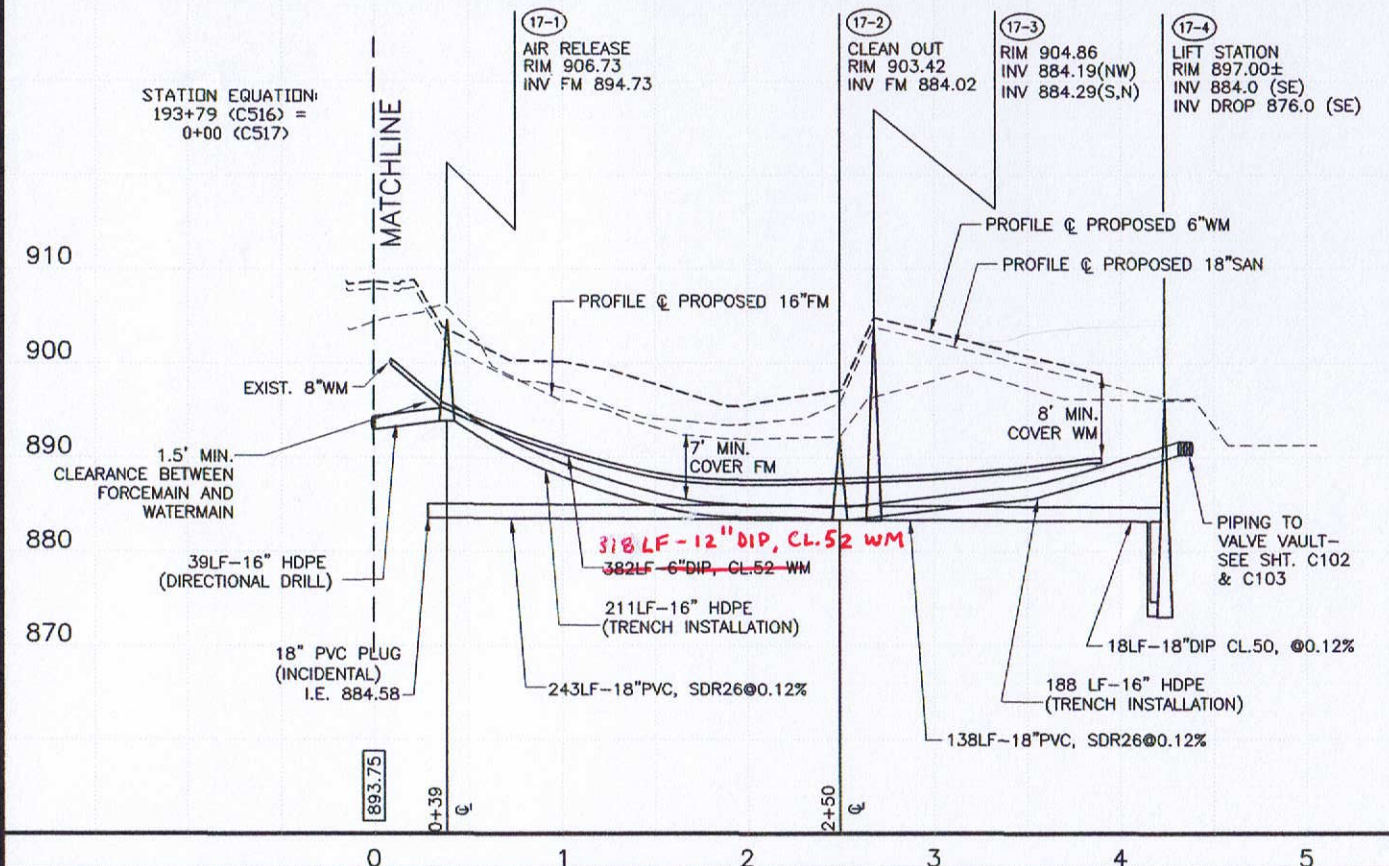
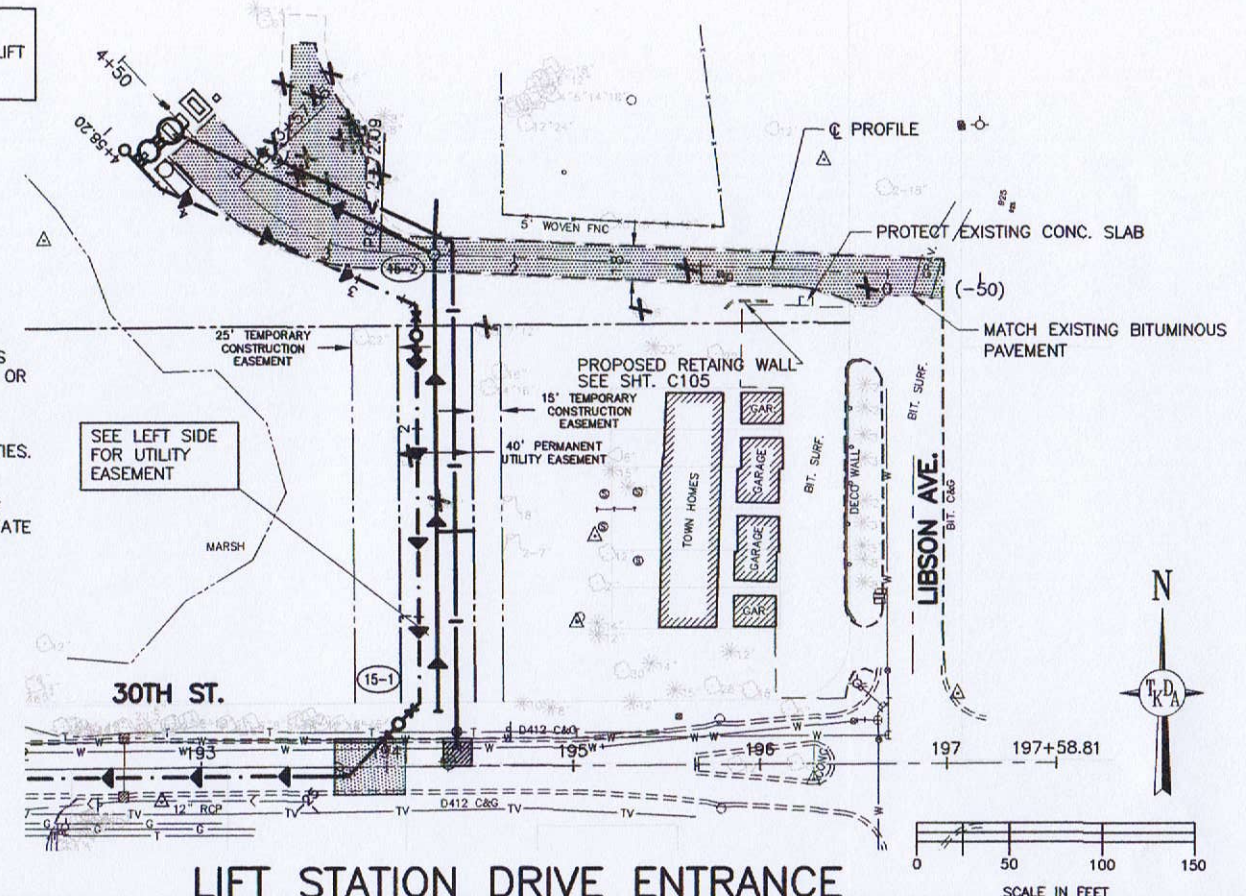
				DESIGNED	DRAWN	I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA				<div></div> <div>444 Cedar Street, Suite 1500 Saint Paul, MN 55101 651.292.4400 tkda.com</div>	LAKE ELMO AVENUE SEWER INFRASTRUCTURE IMPROVEMENTS I-94 TO 30TH STREET				HUDSON BOULEVARD Station 101+00 to Station 105+00				PROJECT NO. 15204.001	
				RSQ/DMK	MOB	<div></div> <div>RONALD S. QUANBECK DATE 6/18/2013 LIC. NO. 19396</div>					LAKE ELMO MINNESOTA				SANITARY SEWER				RECORD NO.	SHEET NO. C500
				CHECKED							CLIENT NO.				MSA NO.					
1 10/14/2013 RSQ CHANGE ORDER NO. 2				RSQ																
NO. DATE BY DESCRIPTION OF REVISIONS																				

FIELD BOOK:
Plot Date: 10/14/2013
Drawing name: K:\g-m\LakeElmo\1520-400\1\munt\DTV\illageSan\dwg\Plan Set\C500-Rev.dwg
Krefsis, 22-34-Muni, ProposedBase, Easement, UtilityProfile, ExistingBase, RSQ, LANDUCCI PROPERTY PROPOSED COLLECTOR-5



SEE SHT. C105 FOR ENLARGED PLAN OF LIFT STATION & DETAILS

NOTES:
 1. ALL WORK SHALL BE PERFORMED WITHIN THE CONSTRUCTION LIMITS AS DEFINED BY EASEMENTS OR ROW.
 2. CONTRACTOR SHALL PROTECT EXISTING UTILITIES.
 3. CONTRACTOR SHALL COORDINATE ALL UTILITY IMPACTS WITH APPROPRIATE UTILITIES.



FIELD BOOK
 Plot Date: 08/25/2013
 Drawing Name: Lake Elmo Avenue Sewer Infrastructure Improvements I-94 to 30th Street
 Scale: 1\"/>

NO.	DATE	BY	DESCRIPTION OF REVISIONS

DESIGNED: RSQ/DMK
 DRAWN: MOB
 CHECKED: RSQ
 I HEREBY CERTIFY THAT THIS PLAN 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.
 RONALD S. QUANBECK
 DATE: 6/18/2013
 LIC. NO.: 19396



444 Cedar Street, Suite 1500
 Saint Paul, MN 55101
 651.292.4400
 tkda.com

LAKE ELMO AVENUE SEWER
 INFRASTRUCTURE IMPROVEMENTS
 I-94 TO 30TH STREET
 LAKE ELMO MINNESOTA
 CLIENT NO. MSA NO.

UTILITY EASEMENT &
 LIFT STATION DRIVE ENTRANCE
 SANITARY SEWER & WATERMAIN

PROJECT NO.: 15204.001
 RECORD NO. SHEET NO.: C517