

CONTRACT CHANGE ORDER FORM

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

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 1 **DATE:** October 15, 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 to address a design change in the gravity sewer alignment. A realignment in the gravity sewer was developed to place the sewer pipe within the limits of the future right-of-way of 5th Street at the request of both property owners adjacent to the corridor. New roadway and utility easements have been acquired, at no cost to the City, to allow the placement of the sewer along the new alignment. With the realignment, previously acquired sewer easements that will go unused may be vacated. The attached itemization indicates the revised quantities and contract amounts to reflect this change.

Attachments (list documents supporting change): Change Order No. 1 Itemization; Plan Sheets C301, C501, C502, C503, and C504.

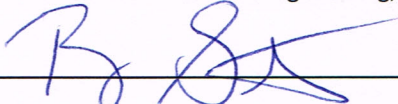
ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNITE PRICE	INCREASE/(DECREASE)
	***SEE ATTACHED ITEMIZATION				(\$19,603.70)
NET CONTRACT CHANGE					(\$19,603.70)

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

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

APPROVED BY ENGINEER: FOCUS Engineering, inc.

APPROVED BY CONTRACTOR


 ENGINEER
10-9-2013
 DATE

 BY

 DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

 BY

 DATE

 BY

 DATE

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

ITEM	DESCRIPTION OF PAY ITEM	UNIT	ORIGINAL CONTRACT			CHANGE ORDER NO. 1		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	\$0.00	1	\$33,000.00
2	TRAFFIC CONTROL	LS	1	\$16,500.00	\$16,500.00	0	\$0.00	1	\$16,500.00
3	SILT FENCE	LF	4462	\$1.65	\$7,362.30	(808)	-\$1,333.20	3,654	\$6,029.10
4	ROCK CONSTRUCTION ENTRANCE	EA	3	\$970.00	\$2,910.00	0	\$0.00	3	\$2,910.00
5	WATER FOR DUST CONTROL	M GAL	2	\$278.00	\$556.00	0	\$0.00	2	\$556.00
6	TREE REMOVAL	EA	151.0	\$266.00	\$40,166.00	53	\$14,098.00	204	\$54,264.00
7	CLEARING & GRUBBING	AC	4.13	\$4,160.00	\$17,180.80	(2.23)	-\$9,276.80	1.90	\$7,904.00
8	INLET PROTECTION	EA	4	\$350.00	\$1,400.00	0	\$0.00	4	\$1,400.00
9	HYDRO MULCH W/ SEED & FERTILIZER	AC	10.75	\$3,700.00	\$39,775.00	(1.26)	-\$4,662.00	9.49	\$35,113.00
10	SEEDING (WETLAND MIX)	AC	0.2	\$850.00	\$850.00	0.0	\$0.00	0.2	\$850.00
11	EROSION CONTROL BLANKET (WOOD FIBER)	SY	5625	\$1.10	\$6,187.50	0	\$0.00	5,625	\$6,187.50
12	TOPSOIL BORROW	CY	500	\$13.00	\$6,500.00	0	\$0.00	500	\$6,500.00
13	DITCH CHECK	LF	60	\$5.25	\$315.00	0	\$0.00	60	\$315.00
14	MODULAR BLOCK RETAINING WALL	SF	60	\$55.00	\$3,300.00	0	\$0.00	60	\$3,300.00
15	SALVAGE/SALVAGE AND REINSTALL EXISTING IRRIGATION PUMP HOUSE AND EQUIPMENT	LS	1	\$1,400.00	\$1,400.00	0	\$0.00	1	\$1,400.00
16	RAIN GARDEN	LS	1	\$11,500.00	\$11,500.00	0	\$0.00	1	\$11,500.00
SUBTOTAL - DIVISION 1					\$188,902.60		-\$1,174.00		\$187,728.60
DIVISION 2 - SANITARY SEWER									
1	CONNECT TO EXISTING MANHOLE	EA	1	\$11,600.00	\$11,600.00	0	\$0.00	1	\$11,600.00
2	SALVAGE & REINSTALL EXISTING SANITARY SEWER MANHOLE	EA	1	\$3,760.00	\$3,760.00	0	\$0.00	1	\$3,760.00
3	SALVAGE & REINSTALL EXISTING SANITARY SEWER	LF	100	\$84.00	\$8,400.00	0	\$0.00	100	\$8,400.00
4	LIFT STATION STRUCTURE, VALVE VAULT, AND PIPING	LS	1	\$187,000.00	\$187,000.00	0	\$0.00	1	\$187,000.00
5	LIFT STATION PUMPS AND ACCESSORIES	LS	1	\$66,750.00	\$66,750.00	0	\$0.00	1	\$66,750.00
6	LIFT STATION ELECTRICAL AND CONTROLS	LS	1	\$134,000.00	\$134,000.00	0	\$0.00	1	\$134,000.00
7	GENERATOR	LS	1	\$98,250.00	\$98,250.00	0	\$0.00	1	\$98,250.00
8	CHEMICAL FEED SYSTEM	LS	1	\$243,000.00	\$243,000.00	0	\$0.00	1	\$243,000.00
9	16" HDPE FORCEMAIN, INSTALLED BY HDD	LF	15271	\$81.00	\$1,236,951.00	378	\$30,618.00	15,649	\$1,267,569.00
10	16" HDPE FORCEMAIN, INSTALLED BY OPEN CUT	LF	399	\$57.00	\$22,743.00	0	\$0.00	399	\$22,743.00
11	8" PVC, SDR 35 SANITARY SEWER (10'-15' DEPTH)	LF	30	\$155.00	\$4,650.00	(15)	-\$2,325.00	15	\$2,325.00
12	8" PVC, SDR 35 SANITARY SEWER (15'-20' DEPTH)	LF	15	\$155.00	\$2,325.00	0	\$0.00	15	\$2,325.00
13	8" PVC, SDR 35 SANITARY SEWER (20'-25' DEPTH)	LF	15	\$155.00	\$2,325.00	(15)	-\$2,325.00	0	\$0.00
14	18" PVC, SDR 26 SANITARY SEWER (10'-15' DEPTH)	LF	213	\$91.00	\$19,383.00	0	\$0.00	213	\$19,383.00
15	18" PVC, SDR 26 SANITARY SEWER (15-20' DEPTH)	LF	193	\$91.00	\$17,563.00	0	\$0.00	193	\$17,563.00
16	18" PVC, PS115 SANITARY SEWER (30-35" DEPTH)	LF	25	\$258.00	\$6,450.00	0	\$0.00	25	\$6,450.00
17	24" SANITARY SEWER (0-10' DEPTH)	LF	95	\$116.00	\$11,020.00	(50)	-\$5,800.00	45	\$5,220.00
18	24" SANITARY SEWER (10-15' DEPTH)	LF	1029	\$116.00	\$119,364.00	(30)	-\$3,480.00	999	\$115,884.00
19	24" SANITARY SEWER (15-20' DEPTH)	LF	1337	\$116.00	\$155,092.00	16	\$1,856.00	1,353	\$156,948.00
20	24" SANITARY SEWER (20-25' DEPTH)	LF	629	\$116.00	\$72,964.00	(46)	-\$5,336.00	583	\$67,628.00
21	24" SANITARY SEWER (25-30' DEPTH)	LF	606	\$116.00	\$70,296.00	(393)	-\$45,588.00	213	\$24,708.00
22	24" SANITARY SEWER (30-35' DEPTH)	LF	219	\$116.00	\$25,404.00	(127)	-\$14,732.00	92	\$10,672.00
23	24" SANITARY SEWER (35'-40' DEPTH)	LF	169	\$116.00	\$19,604.00	0	\$0.00	169	\$19,604.00
24	6" PVC, SDR 26 SOLVENT WELD SERVICE PIPE	LF	20	\$82.00	\$1,640.00	0	\$0.00	20	\$1,640.00
25	6" ON 18" WYE BRANCH	EA	1	\$1,140.00	\$1,140.00	0	\$0.00	1	\$1,140.00
26	48" DIAMETER SAN. MANHOLE, TYPE 301 (0'-10' DEPTH)	EA	11	\$4,900.00	\$53,900.00	1	\$4,900.00	12	\$58,800.00
27	54" DIAMETER SAN. MANHOLE, TYPE 301 (0'-10' DEPTH)	EA	4	\$8,400.00	\$33,600.00	0	\$0.00	4	\$33,600.00
28	48" DIAMETER SAN. MANHOLE, TYPE 301 EXTRA DEPTH (>10' DEPTH)	VF	102.5	\$73.00	\$7,482.50	17.6	\$1,284.80	120.1	\$8,767.30
29	54" DIAMETER SAN. MANHOLE, TYPE 301 EXTRA DEPTH (>10' DEPTH)	VF	51.9	\$120.00	\$6,228.00	(7.8)	-\$936.00	44.1	\$5,292.00
30	72" CLEANOUT MANHOLE	EA	5	\$10,400.00	\$52,000.00	0	\$0.00	5	\$52,000.00
31	72" AIR RELEASE MANHOLE	EA	4	\$13,500.00	\$54,000.00	0	\$0.00	4	\$54,000.00
32	6" DIP CLASS 50 SANITARY SEWER	LF	5	\$108.00	\$540.00	(5)	-\$540.00	0	\$0.00
33	18" DIP CLASS 50 SANITARY SEWER	LF	18	\$138.00	\$2,484.00	0	\$0.00	18	\$2,484.00
34	24" DIP CLASS 50 SANITARY SEWER	LF	18	\$301.00	\$5,418.00	18	\$5,418.00	36	\$10,836.00
35	EXTERNAL MANHOLE DROP	EA	2	\$9,300.00	\$18,600.00	1	\$9,300.00	3	\$27,900.00
36	16" RES. SEAT GATE VALVE & BOX	EA	18	\$8,000.00	\$144,000.00	0	\$0.00	18	\$144,000.00
37	EXCAVATE, SALVAGE, AND STOCKPILE WETLAND SOIL (CV)	CY	803	\$1.00	\$803.00	0	\$0.00	803	\$803.00
38	PLACE SALVAGED WETLAND SOIL (CV)	CY	803	\$1.00	\$803.00	0	\$0.00	803	\$803.00
39	TRENCH STABILIZATION ROCK	LF	300	\$32.00	\$9,600.00	0	\$0.00	300	\$9,600.00
40	TELEVISION	LF	4541	\$1.25	\$5,676.25	0	\$0.00	4,541	\$5,676.25
41	HORIZONTAL DIRECTIONAL DRILLING BORE PITS	LS	1	\$190,000.00	\$190,000.00	0	\$0.00	1	\$190,000.00
SUBTOTAL - DIVISION 2					\$3,126,808.75		-\$27,685.20		\$3,099,123.55
DIVISION 3 - WATERMAIN									
1	8"x6" WET TAP (INCLUDE SLEEVE AND VALVE)	EA	1	\$5,100.00	\$5,100.00	0	\$0.00	1	\$5,100.00
2	6" DIP, CL. 52 WATERMAIN	LF	382	\$41.00	\$15,662.00	0	\$0.00	382	\$15,662.00
3	6" RES. SEAT GATE VALVE & BOX	EA	1	\$1,300.00	\$1,300.00	0	\$0.00	1	\$1,300.00
4	6" HYDRANT (8'-6" BURY)	EA	1	\$4,600.00	\$4,600.00	0	\$0.00	1	\$4,600.00
SUBTOTAL - DIVISION 3					\$26,662.00		\$0.00		\$26,662.00
DIVISION 4 - STREETS & RESTORATION									
1	SAWCUT BITUMINOUS PAVEMENT	LF	85	\$5.50	\$467.50	0	\$0.00	85	\$467.50
2	REMOVE PIPE CULVERT (ALL TYPES & SIZES)	LF	178	\$4.50	\$801.00	0	\$0.00	178	\$801.00
3	SALVAGE & REINSTALL WOOD WIER	EA	1	\$1,050.00	\$1,050.00	0	\$0.00	1	\$1,050.00
4	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT, DRIVES	SY	120	\$2.90	\$348.00	0	\$0.00	120	\$348.00
5	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT, STREETS	SY	25	\$2.90	\$72.50	0	\$0.00	25	\$72.50
6	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	LF	20	\$50.00	\$1,000.00	0	\$0.00	20	\$1,000.00
7	LIFT STATION SITE GRADING	LS	1	\$21,600.00	\$21,600.00	0	\$0.00	1	\$21,600.00
8	CL.5 AGGREGATE BASE	TN	1101	\$18.00	\$19,818.00	0	\$0.00	1,101	\$19,818.00
9	SPWEA240B BITUMINOUS WEAR COURSE, DRIVES	SY	120	\$44.00	\$5,280.00	0	\$0.00	120	\$5,280.00
10	SPNWB230B BITUMINOUS NON-WEAR COURSE, STREETS	TN	165	\$194.00	\$32,010.00	0	\$0.00	165	\$32,010.00
11	SPWEA240B BITUMINOUS WEAR COURSE, STREETS	TN	125	\$194.00	\$24,250.00	0	\$0.00	125	\$24,250.00
12	BITUMINOUS MATERIAL FOR TACK COAT	GA	69	\$4.25	\$293.25	0	\$0.00	69	\$293.25
13	CONCRETE CURB & GUTTER	LF	20	\$55.00	\$1,100.00	0	\$0.00	20	\$1,100.00

14	CL 5 AGGREGATE BASE, SHOULDER	TN	55	\$47.00	\$2,585.00	0	\$0.00	55	\$2,585.00
15	15" CMP PIPE CULVERT W/APRON	LF	178	\$47.00	\$8,366.00	0	\$0.00	178	\$8,366.00
16	CL 3 RIP RAP W/ GEOTEXTLE FABRIC	CY	5	\$125.00	\$625.00	0	\$0.00	5	\$625.00
17	OFF ROAD STRUCTURE MARKER	EA	24	\$88.00	\$2,112.00	1	\$88.00	25	\$2,200.00
SUBTOTAL - DIVISION 4					\$120,828.25		\$88.00		\$120,916.25

TOTALS - BASE CONTRACT **\$3,463,201.60** **-\$28,771.20** **\$3,434,430.40**

CHANGE ORDER NO. 1

CO1-1	8" PVC, SDR 23.5 SANITARY SEWER (25'-30' DEPTH)	LF		\$200.00		44.0	\$8,800.00	44.0	\$8,800.00
CO1-2	4" POLYSTYRENE INSULATION	SY		\$35.00		10.5	\$367.50	10.50	\$367.50



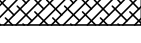



TOTALS - CHANGE ORDER NO. 1 **\$0.00** **\$9,167.50** **\$9,167.50**

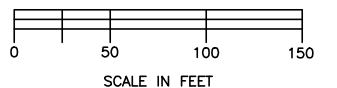
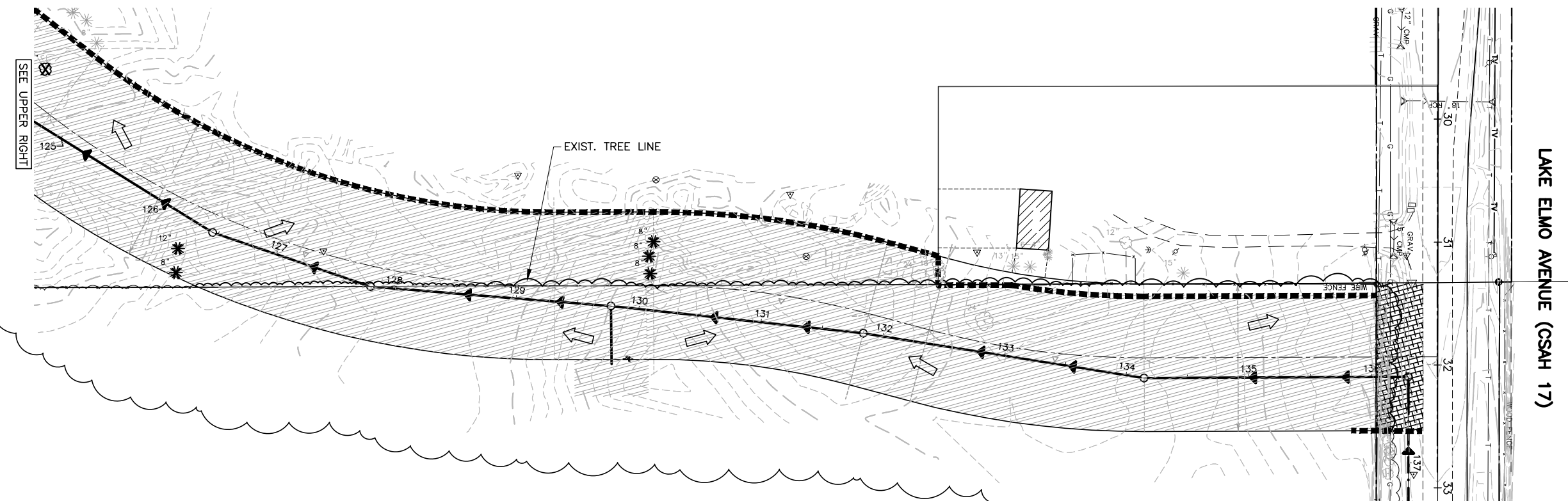
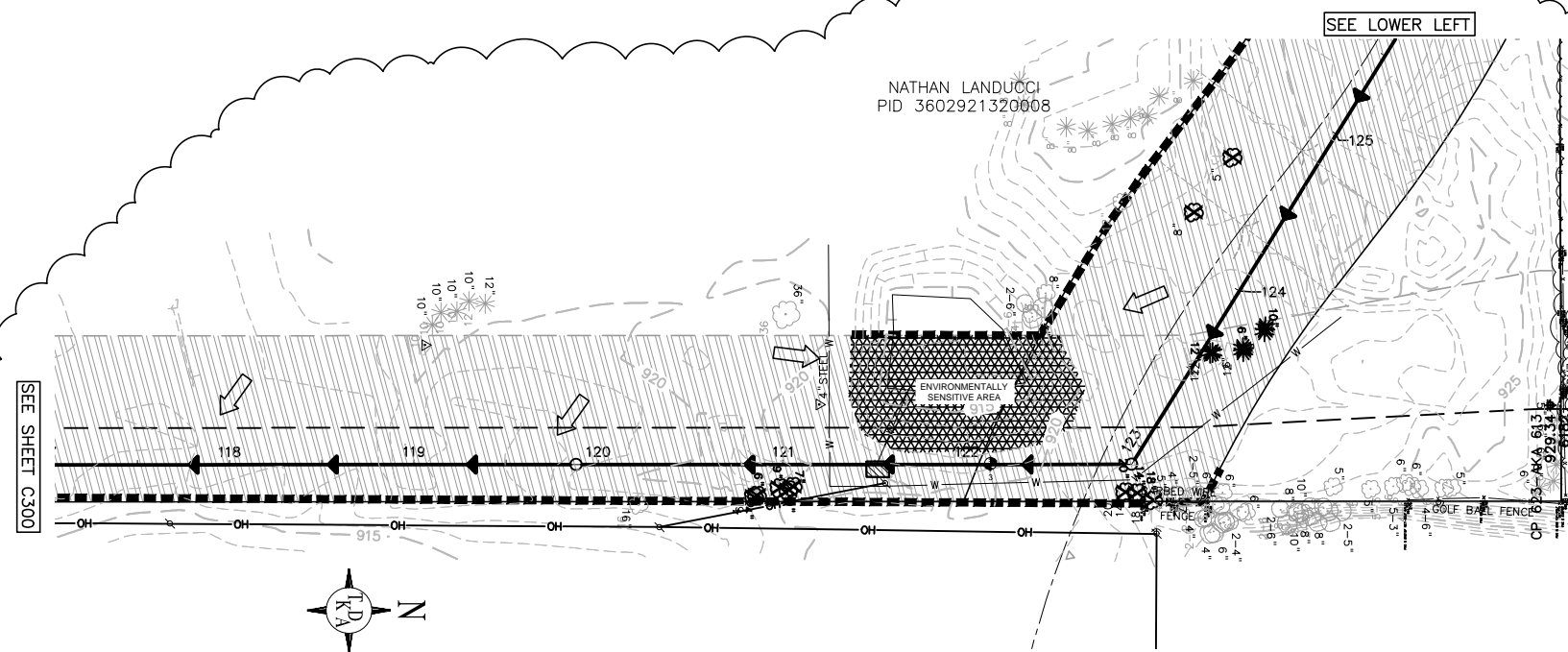
TOTALS - REVISED CONTRACT **\$3,463,201.60** **-\$19,603.70** **\$3,443,597.90**

NOTES:

1. CONTRACTOR SHALL CLEAR AND GRUB TREES WITHIN CONSTRUCTION LIMITS.
2. WOOD FIBER BLANKET TO BE PLACED AS DIRECTED BY ENGINEER.
3. ALL DISTURBED AREAS TO BE HYDROMULCHED WITH MNDOT SEED MIX 250.
4. TREES CLEARED AND GRUBBED WITHIN THE DIERICH/RIEDER PROPERTY SHALL BE PAID BY THE ACRE AS SHOWN BY THE TREE LINE LIMITS AND BOUNDED BY THE EASEMENTS. ALL OTHER TREES TO BE CLEARED AND GRUBBED SHALL BE PAID BY THE EACH.

LEGEND


-  SILT FENCE
-  HYDROMULCH W/SEED MIX MNDOT 250
-  WOOD FIBER BLANKET (CAT 3)
-  WETLAND RESTORATION
-  SURFACE FLOW DIRECTION
-  TREE REMOVAL



FIELD BOOK:
 Plot Date: 10/02/2013
 Drawing Name: K:\gim\lake\elm\15204001\mndot\DTV\illages\andwg\Plan_SecC301.rvt.dwg
 Author: T22\NGS - ProposedBase_base_RSQ - ProposedBase-2_LANDUCCI PROPERTY PROPOSED COLLECTOR-5 - ExistingBase

NO.	DATE	BY	DESCRIPTION OF REVISIONS
1	10/22/2013	RSQ	CHANGE ORDER NO. 1

DESIGNED	DRAWN
RSQ/DMK	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

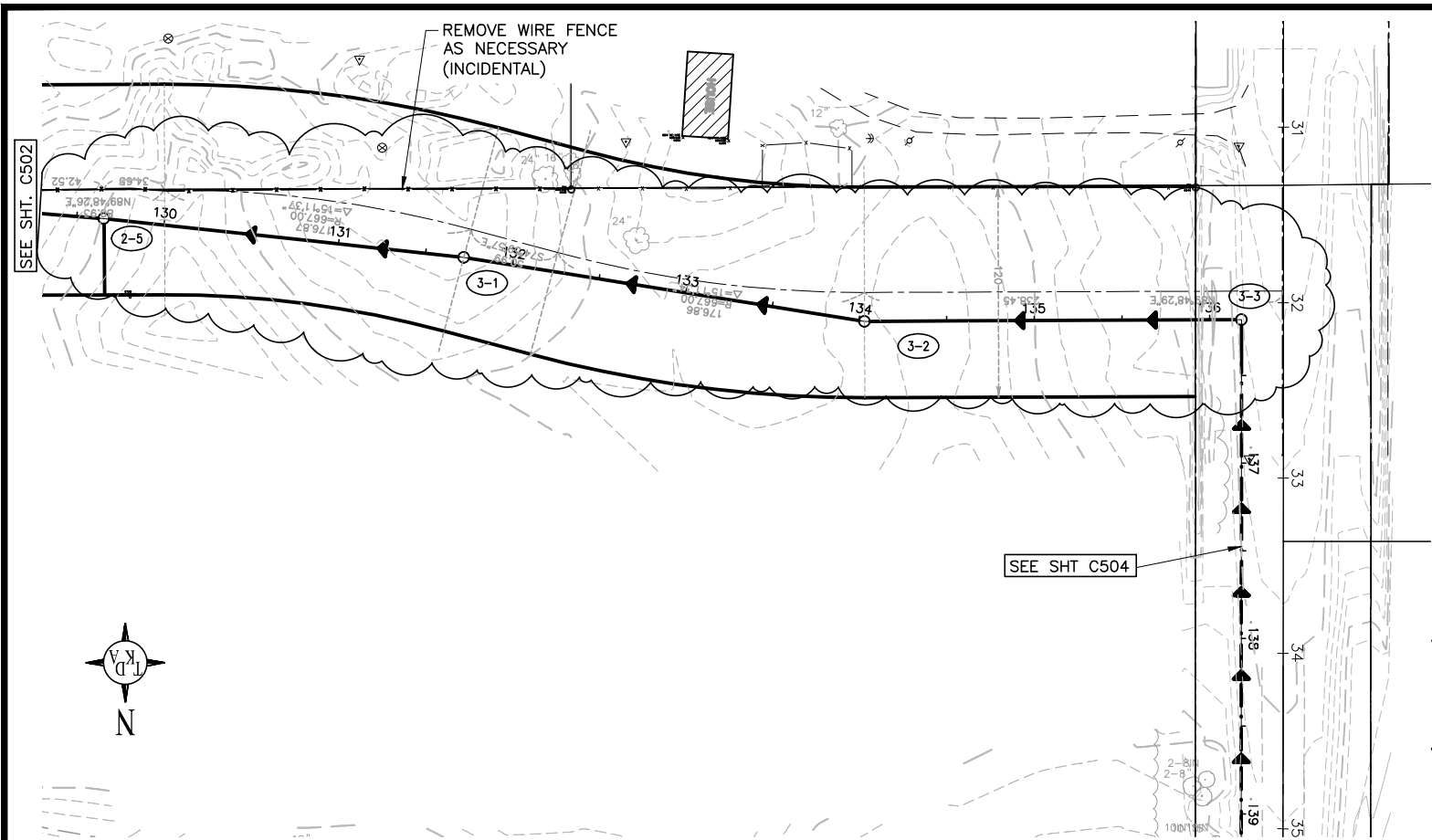


444 Cedar Street, Suite 1500
 Saint Paul, MN 55101
 651.292.4400
 tkda.com

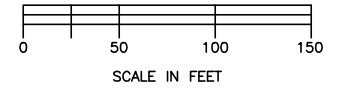
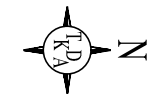
LAKE ELMO AVENUE SEWER
 INFRASTRUCTURE IMPROVEMENTS
 I-94 TO 30TH STREET
 LAKE ELMO MINNESOTA

EROSION AND
 SEDIMENT CONTROL

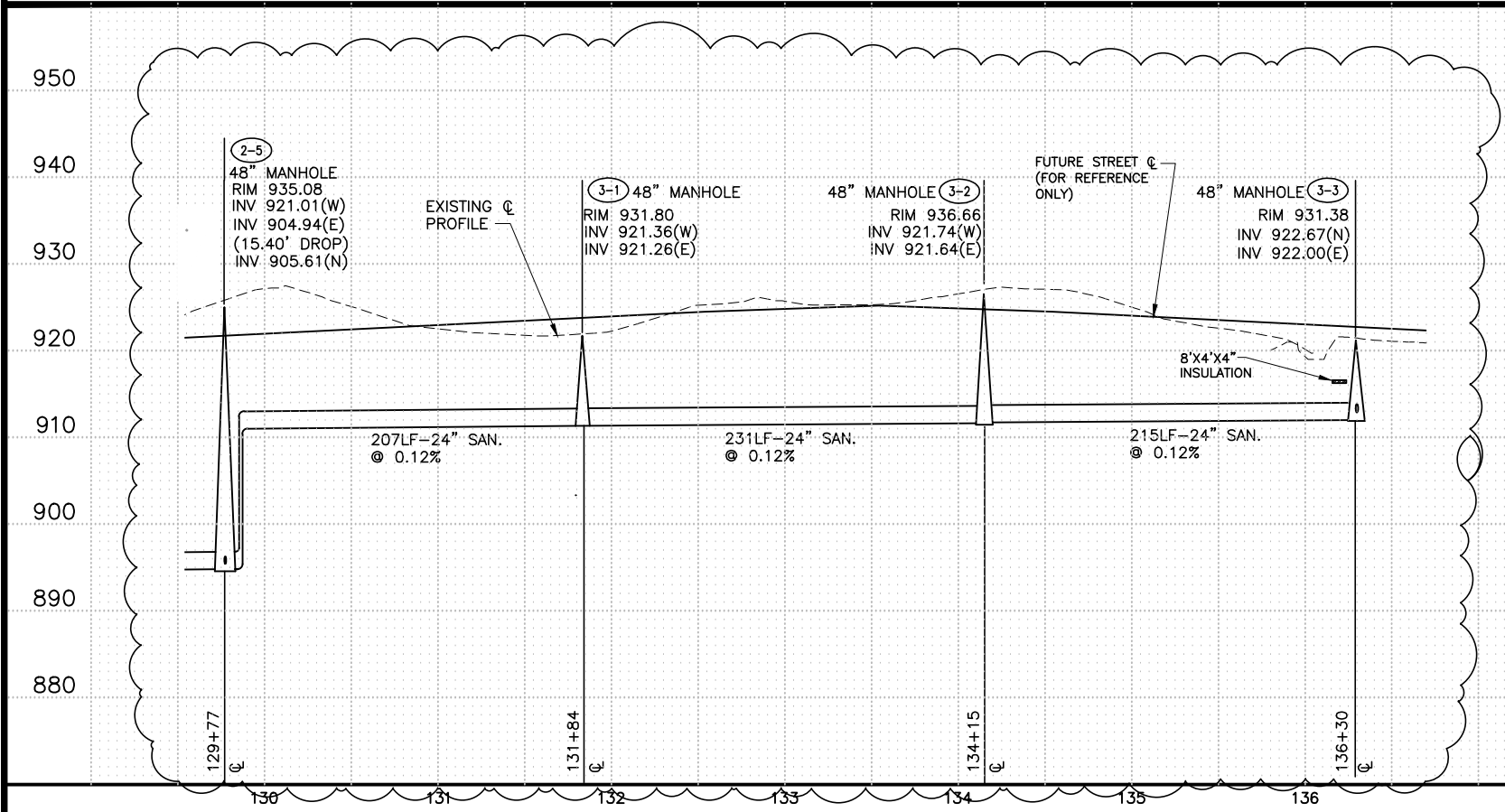
PROJECT NO.	15204.001
RECORD NO.	SHEET NO.
	C301



- 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.
 4. ALL WETLAND SOILS SHALL BE SALVAGED AND STOCKPILED ONSITE FOR REUSE.



EAST-WEST EASEMENT



FIELD BOOK:
 Plot Date: 10/09/2013
 Drawing Name: K:\gml\lake\Elmo\1520401\mud\DTY\lakes\sewer\Plan_ShtC503-REV.dwg
 Xrefs: 2503.dwg, _Proposed.dwg, Easement_Only.dwg, RSC_Proposed.dwg, LANDUCCI PROPERTY PROPOSED COLLECTOR & ExistingBas

NO.	DATE	BY	DESCRIPTION OF REVISIONS
1	10/22/2013	RSQ	CHANGE ORDER NO. 1

DESIGNED: RSO/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
 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.

EAST- WEST EASEMENT
 Station 130+00 to Station 136+30

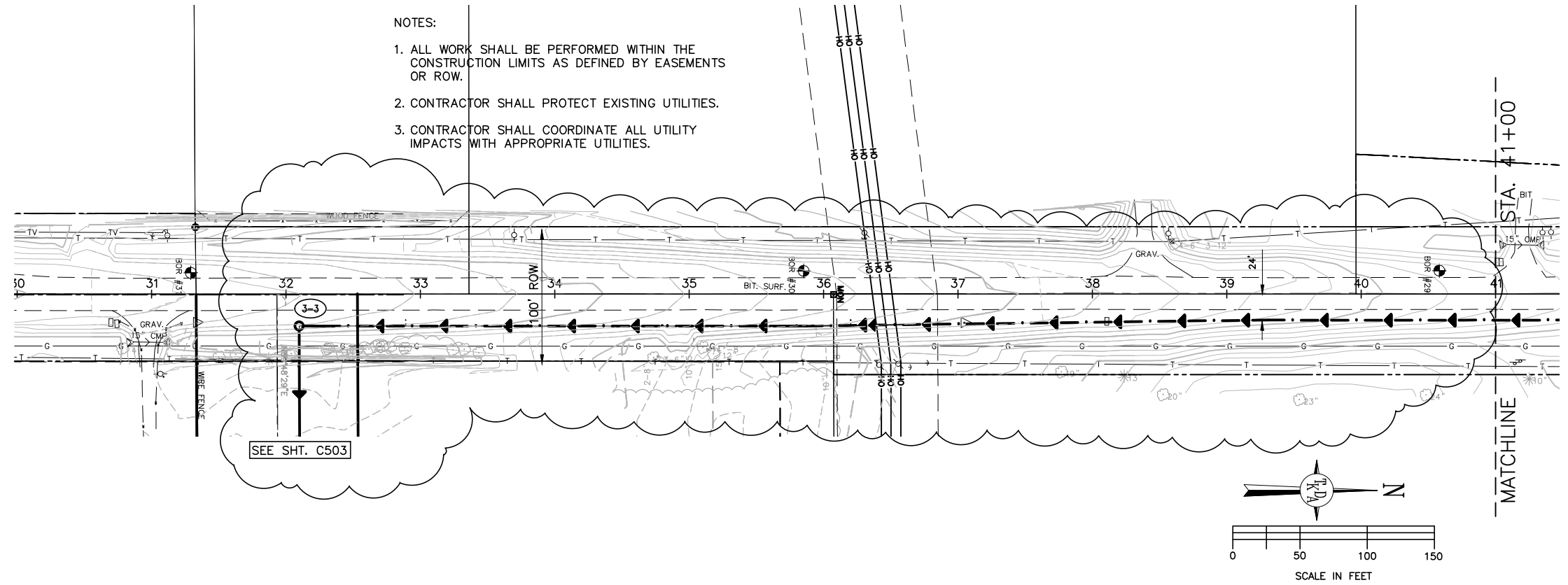
SANITARY SEWER

PROJECT NO.
15204.001

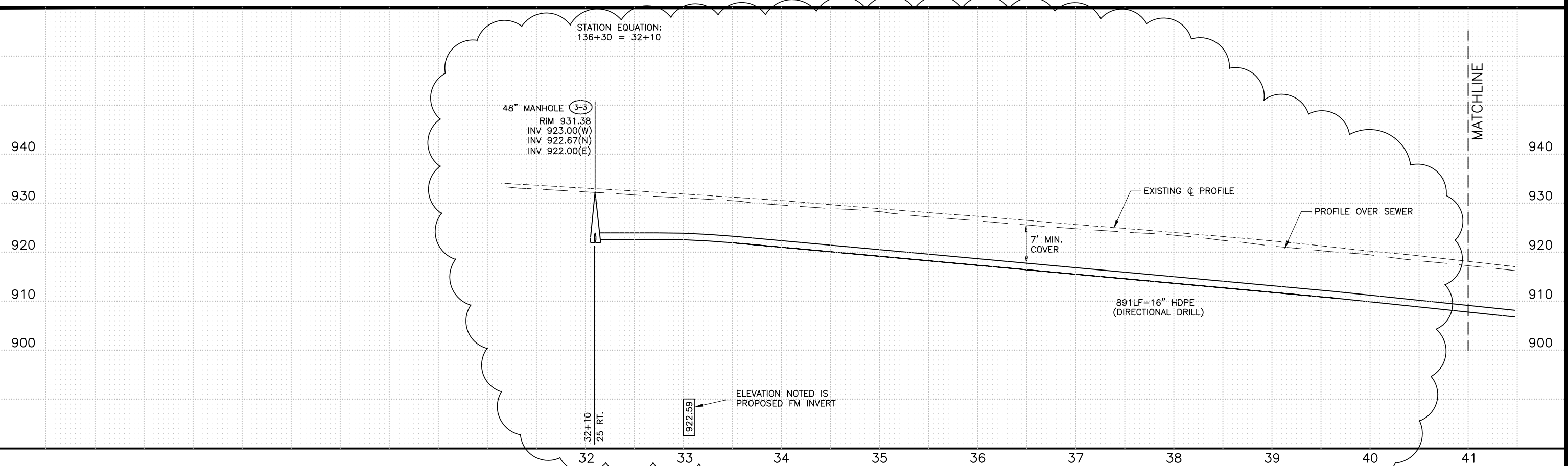
RECORD NO. SHEET NO.
C503

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.



LAKE ELMO AVENUE



FIELD BOOK:
 Plot Date: 10/02/2013
 Drawing Name: K:\gim\lakeelmo\15204001\mud\DTV\lilleg85endwg\Plan_ShtC504-Rev.dwg
 Xrefs: lakeelmo\15204001\mud\DTV\lilleg85endwg\ProposedBase_2_LandUse\Property_ProposedCollector.dwg, RSG

NO.	DATE	BY	DESCRIPTION OF REVISIONS
1	10/22/2013	RSQ	CHANGE ORDER NO. 1

DESIGNED: RSO/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 1600
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 tkda.com

LAKE ELMO AVENUE SEWER
 INFRASTRUCTURE IMPROVEMENTS
 I-94 TO 30TH STREET
 LAKE ELMO MINNESOTA

LAKE ELMO AVENUE
 From Sta. 35+87 to Sta. 41+00
 SANITARY SEWER

PROJECT NO. 15204.001
 RECORD NO. SHEET NO. C504