

Tuesday, July 25, 2017
5:00PM

City Hall, Council Chambers
23 N 2nd Street

AGENDA

**COMMISSION
MEMBERS**

BRUCE HETZEL
CHAIRPERSON
TERM EXP. 2020

SCOTT BORCHARDT
TERM EXP. 2017

DALE ARTHUR
TERM EXP. 2019

ALLEN LEITZ
TERM EXP. 2018

BILL PAULSON
TERM EXP. 2021

“WINTER,
SPRING,
SUMMER, FALL...
TOMAHAWK
HAS IT ALL”

- A. **CALL TO ORDER**
- B. **PUBLIC COMMENTS** (During this item on the agenda the Commission listens to oral comments from members of the public on non-agenda items. When speaking please state your name and limit your time to five minutes.)
- C. **MINUTES**
 - 1. June 27, 2017
- D. **CHECKS – 16542 – 16585** in the amount of \$91,932.21
- E. **FINANCIAL REPORT – July 20, 2017**
- F. **OTHER BUSINESS**
 - 1. Water Projects
 - i. Well House No 4 and No 5 Rehab
 - 2. Infiltration into Sanitary Sewers and Inflow into the Waste Water Treatment Facility
 - 3. Amendment Number One – Nsighttel Wireless, LLC (d/b/a Cellcom)
 - 4. Foaming and Lining of the Sanitary Sewer on Washington Avenue between 8th Street and 9th Street and between 2nd Street and Tomahawk Avenue.
- G. **DIRECTOR’S REPORT**
- H. **NEXT MEETING DATE(S) – August 29, 2017 at 5:00PM**
- I. **ADJOURN**

Any additions to this agenda will be added to the original posted at City Hall. Any person who has a qualifying disability as defined by the American’s with Disabilities Act, that requires the meeting or materials at the meeting to be in an accessible location or format must contact the Clerk-Treasurer at City Hall, 453-4040, at least three days prior to the meeting so any necessary arrangements can be made to accommodate each request.

PLEASE TURN CELL PHONES ON SILENT DURING MEETINGS

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**MINUTES OF THE
WATER AND SEWER UTILITY COMMISSION
City of Tomahawk
City Council Chambers
June 27, 2017**

7 CALL TO HETZEL called the meeting of the Water and Sewer Utility Commission to order at
8 ORDER 5:01PM.

9
10 ROLL CALL Members present were Bruce Hetzel, Scott Borchardt, Dale Arthur, Allen Leitz and Bill
11 Paulson.

12
13 Also present was Director of Public Works John Cole, Clerk-Treasurer Amanda L. Bartz,
14 CMC and Water Leadsperson Brandon Strelow.

15
16 PUBLIC There were no public comments.
17 COMMENTS

18
19 MINUTES LEITZ MOVED to approve the May 30, 2017 minutes and ARTHUR seconded. The VOTE
20 was unanimous.

21
22 CHECKS The Commission reviewed and discussed the checks as presented.

23
24 HETZEL MOVED to approve checks 16500 – 16541 in the amount of \$225,488.11 and
25 PAULSON seconded. The VOTE was unanimous.

26
27 FINANCIAL ARTHUR MOVED to approve the Financial Report and LEITZ seconded. The VOTE was
28 REPORT unanimous.

29
30 OTHER **1.) 2017 Water Projects**
31 BUSINESS

32 Well House No 4 and No 5 Rehab

33
34
35 Greg Droessler, Town and Country Engineering, stated that they are at the 95%
36 completions stage of the plan. He stated that the deadline for submittal of the
37 application for the Safe Drinking Fund Loan Program is June 30, 2017. He stated that
38 the preliminary cost of the project is \$690,000.00.

39
40 Droessler stated with the plans complete, they will be ready for the bidding process in
41 December of 2017 or January of 2018. He stated that they tend to see a jump in pricing
42 in April and May and would like to have the bidding completed before then.
43

1 BORCHARDT asked when the Utility would know about the funding and any possible
2 principal forgiveness. Droessler stated that the State has 90 days from submittal of the
3 plans to review them. He stated that they will publish a funding report in August or
4 September.

5
6 **2.) Infiltration into Sanitary Sewers and Inflow into the Waste Water Treatment**
7 **Facility**

8
9 HETZEL stated that the inflows into the Treatment Facility are higher than the
10 Department of Natural Resources permit allows and that he is concerned with the
11 scoring for the 2017 Compliance and Maintenance Annual Report (CMAR).

12
13 COLE stated that he has talked with the City of Rhinelander on how they handle
14 infiltration from sump pumps into the system and Clerk BARTZ has talked with the
15 attorney. He stated that the normal inflow into the Treatment Plant is 600,000 gallons a
16 day and it is currently up to 1-1.1 million gallons a day.

17
18 Clerk BARTZ reviewed the correspondence with Jim Kalny, Davis and Kuelthau Attorneys
19 at Law. COLE stated that if you tell them that they cannot pump into the sanitary
20 sewers, where will they go with their storm water.

21
22 BORCHARDT asked if we are ok with collecting the fee or if we are more concerned with
23 getting them disconnected from the system to decrease the inflow. Clerk BARTZ stated
24 that if we cannot make them disconnect then we need to recoup the cost to process the
25 clear water.

26
27 Discussion followed regarding the record amount of rainfall in 2017 and the level of the
28 groundwater.

29
30 Droessler suggested educating people with an informational flyer. He stated that some
31 communities offer an incentive program.

32
33 COLE stated that if we disconnect them, do we have to give them another option (storm
34 water).

35
36 This item will remain on the agenda and Clerk BARTZ will talk with the City attorney to
37 see if he can teleconference with the Commission at their next meeting.

38
39 **1.) 2017 Water Projects (continued)**

40
41 Well House No 4 and No 5 Rehab

42
43 PAULSON MOVED to recommend approve to the Common Council a resolution
44 declaring official intent to reimburse expenditures for Well House Renovations and a
45 resolution authorizing a representative to file applications for financial assistance from

1 the State of Wisconsin Environmental Improvement Fund. BORCHARDT seconded. The
2 VOTE was unanimous.

3
4 **3.) Dean Road Culvert Replacement (Waste Water Treatment Plan Outflow)**

5
6 COLE stated that the 18" effluent culverts on Dean Road was washed out and are being
7 replaced with two 24" culverts to help prevent this in the future.

8
9 DIRECTOR'S COLE reported that the gate openers and the pumps at Veterans Memorial Park had
10 REPORT been completed. He also reported that the Utility employees attended a confined space
11 training.

12
13 COLE stated that WJJQ Radio located on E Mohawk Drive is looking into hooking up to
14 the Water System.

15
16 NEXT The Water and Sewer Utility Commission will meet on July 25, 2017 at 5:00PM at
17 MEETING City Hall in the Council Chambers.

18
19 ADJOURN PAULSON MOVED to adjourn the meeting of the Water and Sewer Utility Commission
20 and BORCHARDT seconded. The VOTE was unanimous. The meeting was adjourned at
21 5:43PM.

22
23 Approved: Draft _____

24 _____
Clerk/Treasurer, Amanda L. Bartz, CMC

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 6/21/2017 From Account:
Thru: 7/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16542	6/22/2017	CITY OF TOMAHAWK SOLID WASTE FUND	1,188.59
16543	6/22/2017	CITY OF TOMAHAWK SOLID WASTE FUND	1,175.41
16544	6/23/2017	CITY OF TOMAHAWK	11,072.74
16545	6/27/2017	CITY OF TOMAHAWK SOLID WASTE FUND	1,501.92
16546	6/29/2017	CITY OF TOMAHAWK PETTY CASH	9.00
16547	6/29/2017	CITY OF TOMAHAWK SOLID WASTE FUND	511.69
16548	6/29/2017	TOWN & COUNTRY ENGINEERING, INC	6,080.00
16549	7/10/2017	CITY OF TOMAHAWK SOLID WASTE FUND	2,686.11
16550	7/07/2017	CITY OF TOMAHAWK	11,515.86
16551	7/07/2017	CITY OF TOMAHAWK	15,852.56
16552	7/07/2017	FRONTIER	100.00
16553	7/14/2017	UNITED STATES POSTAL SERVICE	239.72
16554	7/14/2017	ADVANCED SAFETY TECHNOLOGY INC	604.86
16555	7/14/2017	CITY OF TOMAHAWK SOLID WASTE FUND	106.35
16556	7/14/2017	EAGLE WASTE & RECYCLING INC.	162.18
16557	7/14/2017	FRONTIER	193.90
16558	7/14/2017	MINNESOTA LIFE	11.46
16559	7/14/2017	SECURITY HEALTH PLAN	11,130.49
16560	7/14/2017	SHELL	185.80
16561	7/14/2017	TOMAHAWK ACE HARDWARE	526.79
16562	7/14/2017	VERIZON WIRELESS	238.83
16563	7/14/2017	WISCONSIN PUBLIC SERVICE	7,884.43
16564	7/18/2017	CITY OF TOMAHAWK SOLID WASTE FUND	584.64
16565	7/20/2017	AUCA CHICAGO MC LOCKBOX	459.26
16566	7/20/2017	BUMPER TO BUMPER TOMAHAWK	32.36
16567	7/20/2017	CHARTER COMMUNICATIONS	129.77
16568	7/20/2017	FERGUSON WATERWORKS #1476	4,580.06
16569	7/20/2017	FIRST SUPPLY	1,313.48
16570	7/20/2017	GARD SPECIALISTS CO. INC	220.56
16571	7/20/2017	GRAINGER	208.82
16572	7/20/2017	HAWKINS INC	1,428.15
16573	7/20/2017	HD SUPPLY WATERWORKS, LTD	423.04
16574	7/20/2017	HIGH PERFORMANCE PRODUCTS	75.59

7/20/2017

9:32 AM

Reprint Check Register - Quick Report - ALL

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ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 6/21/2017 From Account:
Thru: 7/20/2017 Thru Account:

Check Nbr	Check Date	Payee	Amount
16575	7/20/2017	LINCOLN COUNTY TREASURER'S OFFICE	215.03
16576	7/20/2017	LOCAL GOVERNMENT INVESTMENT POOL	5,000.00
16577	7/20/2017	NCL OF WISCONSIN INC	44.48
16578	7/20/2017	NORTHERN LAKE SERVICE INC	301.43
16579	7/20/2017	NORTHWOODS SUPERIOR CHEMICAL CORP	602.32
16580	7/20/2017	RADIO SHACK	89.99
16581	7/20/2017	ROBIN MYRE ELECTRICAL CONTRACTING LLC	1,522.16
16582	7/20/2017	TEAM LABORATORY CHEMICAL CORP.	1,033.00
16583	7/20/2017	TECHNOLOGY MANAGEMENT	114.00
16584	7/20/2017	TOMAHAWK LEADER INC	445.38
16585	7/20/2017	VORPAHL	130.00
Grand Total			91,932.21

7/20/2017

9:32 AM

Reprint Check Register - Quick Report - ALL

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ACCT

1ST MERIT - WATER AND SEWER CHECKING

ALL Checks

Posted From: 6/21/2017 From Account:
Thru: 7/20/2017 Thru Account:

Amount

Total Expenditure from Fund # 610 - WATER FUND

57,697.63

Total Expenditure from Fund # 620 - SEWER FUND

34,234.58

Total Expenditure from all Funds

91,932.21

City of Tomahawk

P.O. Box 469, Tomahawk, WI 54487
(715) 453-4040 phone (715) 453-2717 fax
www.cityoftomahawk.com

July 20, 2017

To: Members of the Tomahawk Water and Sewer Utility Commission
From: Clerk-Treasurer Amanda L. Bartz, CMC, WCMC
Subject: Non-Audited Financial Report

Total Treasurer's Cash Last Report June 21, 2017	\$	102,222.41
Credits- Cash Receipts/Transfers	\$	106,901.14
Debits - Checks	\$	(91,932.21)
Total Treasurer's Cash May 20, 2017	\$	117,191.34

State Local Government Investment Pool	\$	125,067.68
Total Cash Available	\$	242,259.02

Fund Balances:

Equipment Replacement Fund	\$	336,916.84
Clean Water Debt Fund	\$	179,312.94

Debts:

		Balance
Clean Water Fund - Matures 2035 - Interest 2.363%	\$	3,019,071.97
Next Payment \$ 35,904.76 Date 11/1/2017		
S. Tomahawk Ave. - Matures 2022 - Interest 2.250%	\$	123,120.00
Next Payment \$1,641.60 Date 10/1/2017		
N. 4th St Utilities/River Crossing - Matures 2028 -1.250%	\$	3,645,000.00
Next Payment \$ 55,909.38 Date 10/1/2017		

Total Debt	\$	6,787,191.97
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Due to General Fund from Water	\$	40,258.96
Due to General Fund from Sewer	\$	100,100.78

We, the members of the Tomahawk Water and Sewer Utility Commission, have examined to the extent we feel necessary, and approve the above numbered checks with a value of :

\$ 91,932.21

Fund: 610 - WATER FUND

Account Number		2017 July	2017 Actual 07/20/2017	2017 Budget	Budget Status	% of Budget
610-00-44180-000-000	NON OPERATING RENTAL	0.00	0.00	0.00	0.00	0.00
610-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	0.00	308.62	500.00	-191.38	61.72
610-00-44191-000-000	INTEREST SPECIAL ASSESSMENTS	0.00	0.00	274.77	-274.77	0.00
610-00-44192-000-000	CAPITAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
610-00-44210-000-000	MISC. NON-OPERATING INCOME	0.00	8,555.00	0.00	8,555.00	0.00
610-00-44290-000-000	AMORTIZATION OF DEBT PREMIUM	0.00	0.00	0.00	0.00	0.00
610-00-44601-000-000	BULK WATER SALES	0.00	600.00	0.00	600.00	0.00
610-00-44611-000-000	RESIDENTIAL WATER	12,524.83	88,832.22	200,000.00	-111,167.78	44.42
610-00-44612-000-000	MULTI FAMILY RESIDENTIAL WATER	98.80	2,624.00	7,000.00	-4,376.00	37.49
610-00-44613-000-000	COMMERCIAL WATER	5,210.17	39,273.12	90,000.00	-50,726.88	43.64
610-00-44615-000-000	INDUSTRIAL WATER	162.00	38,652.50	75,000.00	-36,347.50	51.54
610-00-44617-000-000	PUBLIC AUTHORITY WATER	1,983.58	6,079.48	13,000.00	-6,920.52	46.77
610-00-44619-000-000	INTERDEPARTMENTAL WATER	0.00	0.00	0.00	0.00	0.00
610-00-44620-000-000	PRIVATE FIRE -WATER	570.00	5,880.00	12,000.00	-6,120.00	49.00
610-00-44630-000-000	PUBLIC FIRE PROTECTION	18,301.75	109,810.50	219,621.00	-109,810.50	50.00
610-00-44700-000-000	CUSTOMER FORFEITED PENALTIES	2,937.54	13,849.39	25,000.00	-11,150.61	55.40
610-00-44710-000-000	MISC. SERVICE REVENUE	0.00	0.00	0.00	0.00	0.00
610-00-44720-000-000	WATER TOWER RENT	1,980.00	25,619.23	43,918.68	-18,299.45	58.33
610-00-44740-000-000	MISC. WATER REVENUE	40.00	100.49	500.00	-399.51	20.10
610-00-44741-000-000	RECONNECTS -MISC. SERVICE	240.00	640.00	1,000.00	-360.00	64.00
LICENSES AND PERMITS		44,048.67	340,824.55	687,814.45	-346,989.90	49.55
610-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
DONATIONS		0.00	0.00	0.00	0.00	0.00
Total Revenues		44,048.67	340,824.55	687,814.45	-346,989.90	49.55

Fund: 610 - WATER FUND

Account Number		2017 July	2017 Actual 07/20/2017	2017 Budget	Budget Status	% of Budget
610-00-57080-000-000	TAXES	11,073.36	66,720.31	136,242.10	69,521.79	48.97
610-00-57081-000-000	TAXES -FICA	330.08	3,865.75	8,710.84	4,845.09	44.38
610-00-57343-000-000	ASSET:DISTRIBUTION MAINS	0.00	0.00	0.00	0.00	0.00
610-00-57345-000-000	NEW SERVICES	0.00	0.00	0.00	0.00	0.00
610-00-57346-000-000	METERS	0.00	0.00	0.00	0.00	0.00
610-00-57390-000-000	ASSET:STRUCTURES & IMPROVEMENT	0.00	0.00	0.00	0.00	0.00
610-00-57392-000-000	ASSET: TRANSPORTATION EQUIPMNT	0.00	0.00	0.00	0.00	0.00
610-00-57394-000-000	TOOLS,SHOP & GARAGE EQUIP	0.00	0.00	2,000.00	2,000.00	0.00
610-00-57403-000-000	DEPRECIATION	0.00	36,106.98	0.00	-36,106.98	0.00
610-00-57404-000-000	CONTRIBUTED DEPREC (NON-OP)	0.00	15,406.50	0.00	-15,406.50	0.00
610-00-57427-000-000	PRINCIPAL ON DEBT	0.00	0.00	98,425.00	98,425.00	0.00
610-00-57428-000-000	AMORTIZATION OF DEBT DISCOUNT	0.00	0.00	0.00	0.00	0.00
610-00-57431-000-000	INTEREST ON DEBT	0.00	18,835.56	36,546.96	17,711.40	51.54
610-00-57600-000-000	OPERATING SUPERVISION	1,970.19	23,996.80	51,761.02	27,764.22	46.36
610-00-57602-000-000	SOS MISCELANEOUS SUPPLIES	459.60	4,777.80	6,000.00	1,222.20	79.63
610-00-57605-000-000	MAIN OF WATER SOURCE PLANT	0.00	145.99	500.00	354.01	29.20
610-00-57620-000-000	PUMP EXPENSE - LABOR	171.47	2,502.73	3,343.90	841.17	74.84
610-00-57622-000-000	PUMP EXPENSE - FUEL/POWER	1,709.35	10,840.91	23,000.00	12,159.09	47.13
610-00-57623-000-000	PUMP EXPENSE - OTHER EXPENSES	0.00	1,435.46	2,500.00	1,064.54	57.42
610-00-57625-000-000	PUMP EXPENSE - MAINT OF PLANT	124.41	1,273.37	3,150.00	1,876.63	40.42
610-00-57630-000-000	WATER TREATMENT - LABOR	0.00	1,544.40	3,343.90	1,799.50	46.19
610-00-57631-000-000	WATER TREATMENT - CHEMICALS	1,428.15	24,030.55	25,000.00	969.45	96.12
610-00-57640-000-000	TRANS & DIST - LABOR	0.00	744.77	2,675.12	1,930.35	27.84
610-00-57641-000-000	TRANS & DIST - SUPPLIES	439.02	3,145.83	13,000.00	9,854.17	24.20
610-00-57650-000-000	TRANS & DIST - RES/STAND PIPE	150.96	3,221.59	15,000.00	11,778.41	21.48
610-00-57651-000-000	TRANS & DIST - MAINTENANCE	537.05	29,570.51	45,652.60	16,082.09	64.77
610-00-57652-000-000	TRANS & DIST - MAIN SERVICE	147.86	1,513.87	7,404.35	5,890.48	20.45
610-00-57653-000-000	TRANS & DIST - MANIT OF METERS	4,781.34	25,404.97	7,165.50	-18,239.47	354.55
610-00-57654-000-000	TRANS & DIST - HYDRANT MAINT	1,087.22	5,681.18	6,353.41	672.23	89.42
610-00-57655-000-000	TRANS & DIST - MAINT OTHER	0.00	0.00	0.00	0.00	0.00
610-00-57656-000-000	TRANS & DIST - POWER OP EQUIP	0.00	0.00	48,500.00	48,500.00	0.00
610-00-57676-000-000	MAINT OF METERS	0.00	0.00	0.00	0.00	0.00
610-00-57901-000-000	CUST A/C - METER READ LABOR	531.82	5,561.80	10,676.60	5,114.80	52.09
610-00-57902-000-000	CUST A/C - COLLECTION LABOR	2,077.82	12,466.92	24,933.84	12,466.92	50.00
610-00-57903-000-000	CUST A/C - SUPPLIES, BILLING	119.86	687.98	1,400.00	712.02	49.14
610-00-57904-000-000	CUST A/C - UNCOLECTABLE ASSETS	0.00	0.00	0.00	0.00	0.00
610-00-57920-000-000	ADMIN & GEN - LABOR	234.00	720.00	1,080.00	360.00	66.67
610-00-57921-000-000	ADMIN & GEN - SUPPLIES & EXPEN	0.00	560.39	1,500.00	939.61	37.36
610-00-57923-000-000	ADMIN & GEN - OUTSIDE SERVICE	506.27	39,681.54	15,000.00	-24,681.54	264.54
610-00-57923-001-000	ADMIN & GEN--OUTSIDE SERV	0.00	0.00	0.00	0.00	0.00
610-00-57924-000-000	ADMIN & GEN - INSURANCE	0.00	5,253.60	5,000.00	-253.60	105.07
610-00-57926-000-000	ADMIN & GEN - EMPLOYEE BENEFIT	6,310.30	50,525.18	69,806.57	19,281.39	72.38
610-00-57928-000-000	ADMIN & GEN - REGULATORY COMM	0.00	0.00	750.00	750.00	0.00
610-00-57930-000-000	ADMIN & GEN--MISC EXPENSES	445.38	3,218.06	6,000.00	2,781.94	53.63
610-00-57930-001-000	ADMIN & GEN - UNCLAIMED PROP	0.00	0.00	0.00	0.00	0.00
610-00-57933-000-000	ADMIN & GEN - TRANSPORTATION	304.37	2,763.21	5,000.00	2,236.79	55.26
CAPITAL OUTLAY		34,939.88	402,204.51	687,421.71	285,217.20	58.51
610-00-59000-000-000	OTHER FINANCING USES	0.00	0.00	0.00	0.00	0.00
610-00-59200-000-000	INTERFUND TRANSFER	0.00	0.00	0.00	0.00	0.00

Fund: 610 - WATER FUND

Account Number	2017 July	2017 Actual 07/20/2017	2017 Budget	Budget Status	% of Budget
OTHER FINANCING USES	0.00	0.00	0.00	0.00	0.00
Total Expenses	34,939.88	402,204.51	687,421.71	285,217.20	58.51
Net Totals	9,108.79	-61,379.96	392.74	61,772.70	-15628.65

Fund: 620 - SEWER FUND

Account Number		2017 July	2017 Actual 07/20/2017	2017 Budget	Budget Status	% of Budget
620-00-44190-000-000	INTEREST AND DIVIDEND INTEREST	0.00	1,311.18	1,000.00	311.18	131.12
620-00-44191-000-000	INTEREST SPECIAL ASSESSMENTS	0.00	0.00	520.42	-520.42	0.00
620-00-44192-000-000	CAPITAL CONTRIBUTIONS	0.00	0.00	0.00	0.00	0.00
620-00-44210-000-000	MISC. NON-OPERATING INCOME	0.00	0.00	0.00	0.00	0.00
620-00-44210-001-000	MISC. NON-OPERATING INCOME	344.00	1,267.50	0.00	1,267.50	0.00
620-00-44290-000-000	AMORTIZATION OF DEBT PREMIUM	0.00	0.00	0.00	0.00	0.00
620-00-44320-000-000	INTEREST CHARGED TO CONST	0.00	0.00	0.00	0.00	0.00
LICENSES AND PERMITS		344.00	2,578.68	1,520.42	1,058.26	169.60
620-00-46211-000-000	FLAT RESIDENTIAL SEWER	0.00	691.32	1,100.00	-408.68	62.85
620-00-46221-000-000	METERED RESIDENTIAL SEWER	33,819.75	275,425.56	550,000.00	-274,574.44	50.08
620-00-46221-001-000	METERED MULTI FAM RES SEWER	233.13	10,013.14	25,000.00	-14,986.86	40.05
620-00-46222-000-000	METERED COMMERCIAL SEWER	18,030.66	121,280.38	275,000.00	-153,719.62	44.10
620-00-46223-000-000	METERED INDUSTRIAL SEWER	331.98	100,143.84	140,000.00	-39,856.16	71.53
620-00-46224-000-000	METERED PUBLIC AUTHORITY	6,335.61	20,122.24	40,000.00	-19,877.76	50.31
620-00-46226-000-000	Leachate Treatment	0.00	0.00	0.00	0.00	0.00
620-00-46230-000-000	BOD CHARGES - HARLEY DAVIDSON	0.00	0.00	0.00	0.00	0.00
620-00-46310-000-000	PENALTIES	0.00	0.00	0.00	0.00	0.00
620-00-46320-000-000	SERVICING CUSTOMER LATERALS	0.00	0.00	0.00	0.00	0.00
620-00-46350-000-000	MISC. OPERATING REVENUE	0.00	0.00	0.00	0.00	0.00
PUBLIC CHARGES FOR SERVICES		58,751.13	527,676.48	1,031,100.00	-503,423.52	51.18
620-10-49200-000-000	TRANSFER	0.00	0.00	0.00	0.00	0.00
620-10-49200-001-000	TRANSFER TO OTHER FUNDS	0.00	0.00	0.00	0.00	0.00
DONATIONS		0.00	0.00	0.00	0.00	0.00
Total Revenues		59,095.13	530,255.16	1,032,620.42	-502,365.26	51.35

Fund: 620 - SEWER FUND

Account Number	2017 July	2017 Actual 07/20/2017	2017 Budget	Budget Status	% of Budget	
620-00-59080-000-000	TAXES	0.00	0.00	0.00	0.00	
620-00-59081-000-000	TAXES -FICA	393.67	5,758.46	14,962.35	9,203.89	38.49
620-00-59200-000-000	INTERFUND TRANSFER	0.00	0.00	0.00	0.00	0.00
620-00-59313-000-000	COLLECTING MAINS & ACCESSORIES	0.00	0.00	0.00	0.00	0.00
620-00-59379-000-000	ASSET: GEN EQUIP. LAB, COMMUNI	0.00	0.00	0.00	0.00	0.00
620-00-59403-000-000	DEPRECIATION	0.00	96,712.44	0.00	-96,712.44	0.00
620-00-59427-000-000	PRINCIPAL ON DEBT	0.00	0.00	336,341.76	336,341.76	0.00
620-00-59431-000-000	INTEREST ON DEBT	0.00	79,521.64	155,265.88	75,744.24	51.22
620-00-59432-000-000	AMORTIZATION OF DEBT DISCOUNT	0.00	0.00	0.00	0.00	0.00
620-00-59820-000-000	OPERATION SUPERVISION & LABOR	4,707.80	66,279.06	158,614.20	92,335.14	41.79
620-00-59821-000-000	POWER & FUEL FOR PUMPING	6,175.08	36,491.14	65,000.00	28,508.86	56.14
620-00-59825-000-000	SLUDGE CONDITIONING CHEMICALS	0.00	3,163.74	6,500.00	3,336.26	48.67
620-00-59826-000-000	OTHER CHEMICALS-SEWAGE	0.00	0.00	0.00	0.00	0.00
620-00-59827-000-000	OTHER OPERATING SUPPLIES	383.42	1,850.67	5,500.00	3,649.33	33.65
620-00-59828-000-000	OPERATION-TRANSPORTATION	0.00	8,590.19	12,500.00	3,909.81	68.72
620-00-59831-000-000	MAINT SEWAGE COLLECTIONS	0.00	915.29	5,000.00	4,084.71	18.31
620-00-59832-000-000	MAINT COLLECTION SYSTEM PUMP	2,827.35	10,105.16	20,000.00	9,894.84	50.53
620-00-59833-000-000	MAINT TREATMENT/DISPOSAL PLANT	2,227.33	13,137.52	20,000.00	6,862.48	65.69
620-00-59833-001-000	MAINT TREATMENT/DISPOSAL PLANT	0.00	0.00	0.00	0.00	0.00
620-00-59834-000-000	MAINT GENERAL PLANT STRUCTURE	0.00	5,499.51	9,000.00	3,500.49	61.11
620-00-59834-001-000	MAINT GENERAL PLANT STRUCTURE	0.00	0.00	0.00	0.00	0.00
620-00-59835-000-000	MAINT OF METERS	100.64	2,471.09	7,398.00	4,926.91	33.40
620-00-59840-000-000	BILLING, COLLECTING & ACCTG	2,821.24	16,896.27	34,000.00	17,103.73	49.69
620-00-59842-000-000	METER READING	484.60	4,865.47	10,727.10	5,861.63	45.36
620-00-59850-000-000	ADMIN & GENERAL SALARIES	234.00	720.00	13,915.00	13,195.00	5.17
620-00-59851-000-000	OFFICE SUPPLIES & EXPENSES	466.80	3,570.15	10,000.00	6,429.85	35.70
620-00-59852-000-000	OUTSIDE SERVICES EMPLOYED	302.43	8,761.87	5,000.00	-3,761.87	175.24
620-00-59852-001-000	OUTSD SERV.-TEST/SLUDGE HAUL	301.43	30,962.90	60,000.00	29,037.10	51.60
620-00-59852-002-000	OUTSD SERV.-PHOSPHOROUS	0.00	0.00	0.00	0.00	0.00
620-00-59853-000-000	INSURANCE EXPENSE	0.00	5,253.60	7,500.00	2,246.40	70.05
620-00-59854-000-000	EMPLOYEE PENSIONS & BENEFITS	5,487.91	45,198.81	66,726.06	21,527.25	67.74
620-00-59855-000-000	REGULATORY COMMISSION	0.00	0.00	0.00	0.00	0.00
620-00-59856-000-000	MISC. GENERAL EXPENSE	162.18	2,188.67	5,000.00	2,811.33	43.77
=====						
OTHER FINANCING USES	27,075.88	448,913.65	1,028,950.35	580,036.70	43.63	
=====						
Total Expenses	27,075.88	448,913.65	1,028,950.35	580,036.70	43.63	
=====						
Net Totals	32,019.25	81,341.51	3,670.07	-77,671.44	2,216.35	

AMENDMENT NUMBER ONE TOWER SPACE OPTION AND LEASE AGREEMENT

THIS AMENDMENT NUMBER ONE TOWER SPACE OPTION AND LEASE AGREEMENT (this “Amendment”) is made and entered into this ___ day of _____, 2017, by and between the City of Tomahawk, a Wisconsin Municipality (“Lessor”) and Nsighttel Wireless, LLC, d/b/a Cellcom, a Wisconsin limited liability company (“Lessee”).

WITNESSETH:

WHEREAS, Lessor and Lessee entered into a Tower Space Option and Lease Agreement dated the 21st day of August, 2006 (the “Lease”) for the rental of water tower and ground space on that Water Tower owned by Lessor and more particularly identified in the Lease; and

WHEREAS, Lessor and Lessee desire to amend certain terms and conditions contained in the Lease as set forth herein.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Lessor and Lessee agree as follows:

1. Exhibit “A” to the Tower Space Option and Lease Agreement is hereby deleted and replaced with Exhibit “A-1” attached hereto.
2. Exhibit “B” to the Tower Space Option and Lease Agreement is hereby deleted and replaced with Exhibit “B-1” attached hereto.
3. Lessee shall retain its entitlements to six (6) total panel antennas.
4. Except as specifically modified by this Amendment the Lease shall remain in effect as written.

[END OF AMENDMENT - SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have executed this Amendment as of the day and year first written above.

LESSOR: City of Tomahawk

By: _____
_____, Its _____

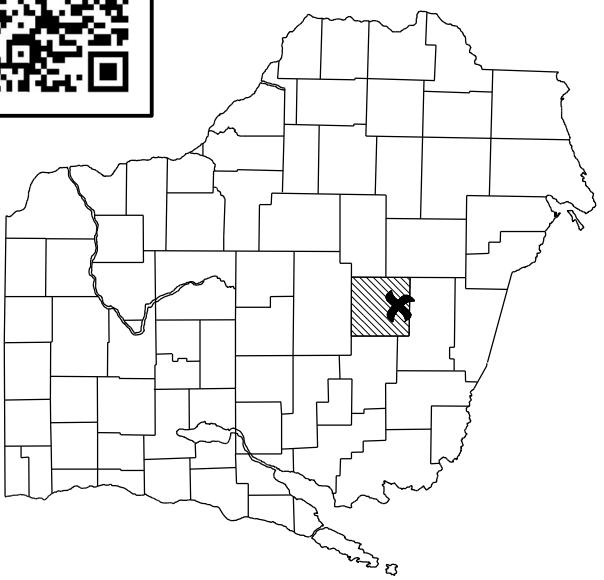
LESSEE: Nsighttel Wireless, LLC, d/b/a Cellcom

By: _____
Lee Thibaudeau, Its: CTO and V.P. of Engineering

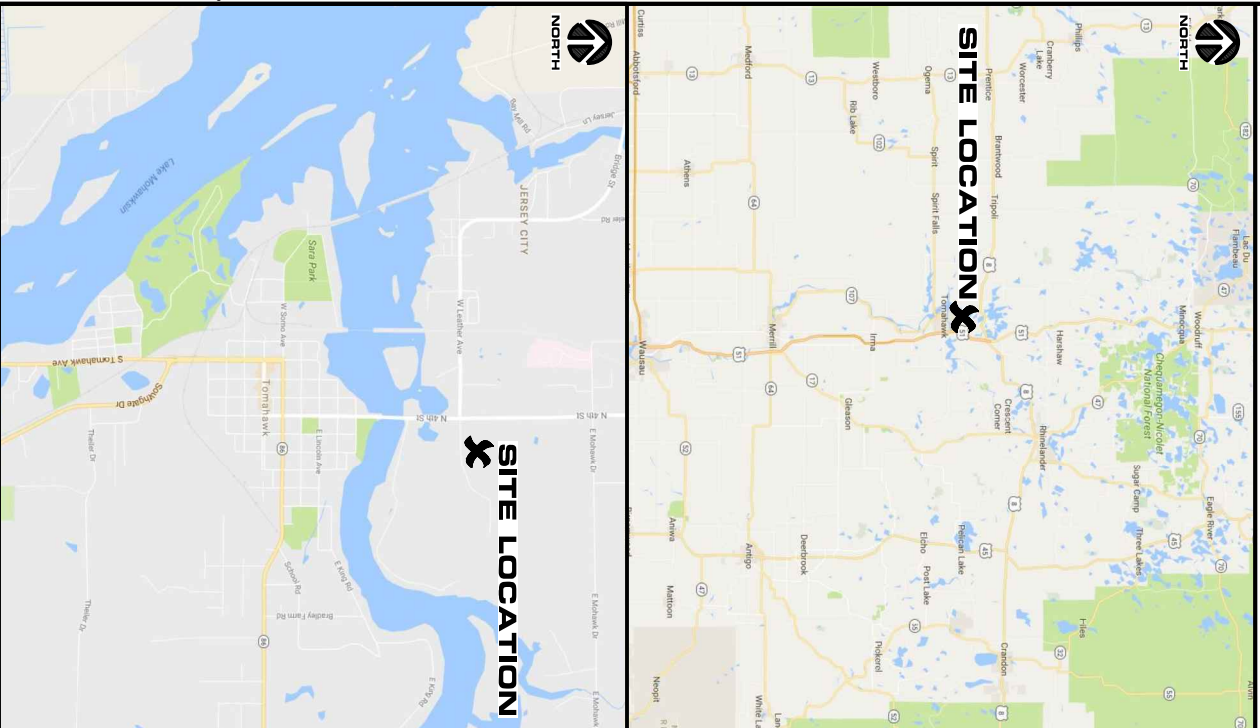
SCHEDULE "A-1"

TOWER AND TOWER SITE LOCATION AND SPECIFICATIONS

"SEE ATTACHED DRAWINGS"



SITE LOCATION MAPS



**TOMAHAWK WT
TOMAHAWK, WISCONSIN
LTE UPGRADE DRAWINGS
161' WATER TOWER**



SHEET INDEX

NO:	SHEET TITLE
T-1	TITLE SHEET
C-1	SITE PLAN
C-2	COMPOUND PLAN
A-1	TOWER ELEVATION
A-2	ANTENNA CONFIGURATION
A-3	TOWER COAX ROUTING
A-4	EQUIPMENT DETAILS
N-1	CONSTRUCTION NOTES

DIRECTORY

CLIENT:
NSIGHTEL WIRELESS, LLC
450 SECURITY BLVD
GREEN BAY, WI 54313
CONTACT: BRAD HERM
PHONE: 920.617.7058
FAX: 920.617.7319

ENGINEER:
EDGE CONSULTING ENGINEERS, INC.
624 WATER STREET
PRAIRIE DU SAC, WI 53578
CONTACT: KEN BAUMGARDT
PHONE: 608.644.1449
FAX: 608.644.1549

SITE ACQUISITION:
WIRELESS PLANNING SOLUTIONS
2310 MILL STREET
NEW LONDON, WI 54961
CONTACT: JIM WENMANN
PHONE: 920.982.3286
FAX: 920.986.3041

PROJECT INFO

SITE LOCATION:
32 E. BIRCHWOOD AVENUE
TOMAHAWK, WI 54487

PROPERTY OWNER:
CITY OF TOMAHAWK
23 N 2ND STREET
TOMAHAWK, WI 54487

TOWER OWNER:
CITY OF TOMAHAWK
23 N 2ND STREET
TOMAHAWK, WI 54487
CONTACT: JOHN COLE - PUBLIC WORKS DIRECTOR
PHONE: 715.453.2404

MAPPING COORDINATES
LAT: 45° -28' -56.16"
LONG: 89° -43' -37.11"
GROUND ELEVATION (NGVD): 1455.8'

SCOPE OF WORK

PROJECT DESCRIPTION:
PROJECT TYPE: 161' WATER TOWER
EQUIPMENT: 3'-2" x 11'-10" EQUIPMENT PLATFORM
EXISTING LEASE AREA: 10' x 20'
EXISTING PPG: 200 AMP PPG CABINET

RF DESCRIPTION (VERIFY WITH WORK ORDER):
PRC: ANTENNA C/L: 163.0' ABOVE T.O.C.

ANTENNAS: (6) EXISTING TO BE REMOVED
(3) PROPOSED ANTENNAS

CABLES: (6) EXISTING 1 5/8" COAX

EQUIPMENT: (3) PRC, DIPLEXERS

NOTE:
REMOVE (3) EXISTING ANTENNA MAST PIPES
& REPLACE W/ 7'-2" LONG x 2 3/8" O.D.
GALVANIZED MAST PIPES.

**TITLE SHEET
TOMAHAWK WT
TOMAHAWK, WISCONSIN**

Edge
Consulting Engineers, Inc.
624 Water Street
Prairie du Sac, WI 53578
608.644.1449 voice
608.644.1549 fax
www.edgeconsult.com

UTILITY INFO

ELECTRIC SERVICE PROVIDER: WISCONSIN PUBLIC SERVICE
PHONE: 877-444-0888

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN, CALL DIGGERS' HOTLINE
TOLL FREE 1-800-242-8511
FAX A LOCATE 1-800-338-8660
WI STATUTE 182.075 (1979) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

ENGINEER SEAL:

I HEREBY CERTIFY THAT THIS PLAN SET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION OTHER THAN THE EXCEPTIONS NOTED IN THE SHEET INDEX, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.

Signature: _____
Date: _____

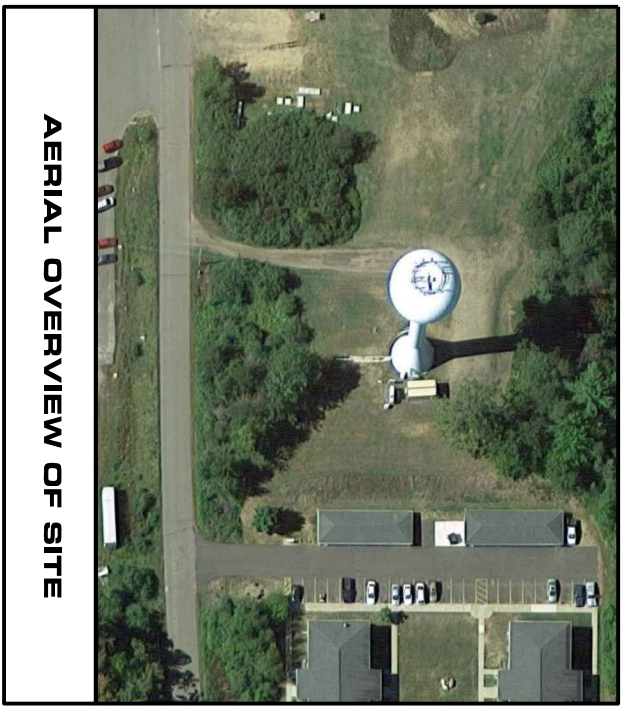
PRELIMINARY DWGS.	DATE	BY
PRELIM DWGS - 1/23/2016	ADS	ADS
ANTENNA MODEL - 1/28/2016	ADS	ADS
RF DESIGN - 4/27/2017	ADS	ADS

STAMPED FINAL DWGS:

CHECKED BY:	DATE
KCB	4/27/2017

PLOT DATE: 4/27/2017
PROJECT #: 14459
FILE NAME: T-1.dgn
SHEET NUMBER: **T-1**

* PREPARED BY OTHERS



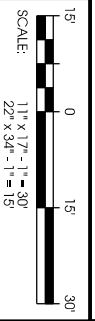
**SITE PLAN
TOMAHAWK WT
TOMAHAWK, WISCONSIN**

Edge
Consulting Engineers, Inc.
624 Water Street
Prairie du Sac, WI 53578
608.644.1449 voice
608.644.1549 fax
www.edgeconsult.com

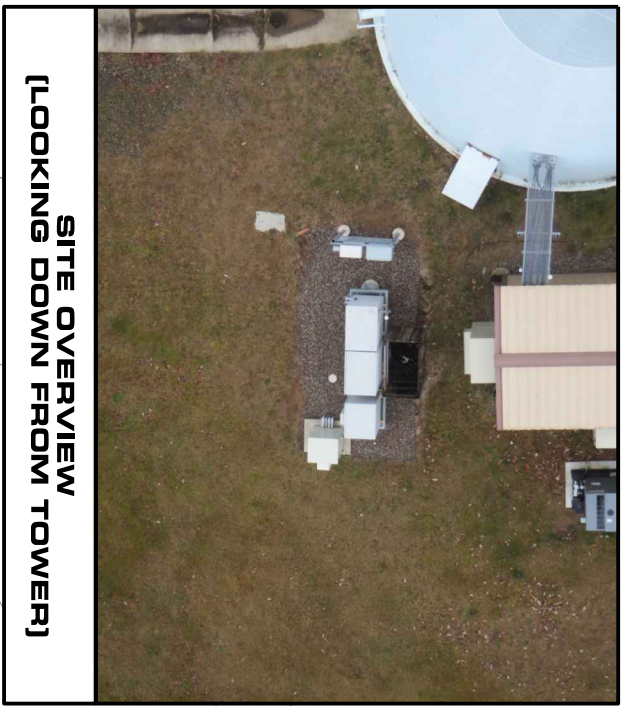
SHEET TITLE:

PRELIMINARY DWGS.	INT.
PRELIM DWGS - 1/23/2016	ADS
ANTWERPNA MODEL - 1/28/2016	ADS
RF DESIGN - 4/27/2017	ADS

STAMPED FINAL DWGS.	
CHECKED BY:	KCB
PROJECT #:	14459
FILE NAME:	C-1.dgn
PROJECT DATE:	4/27/2017



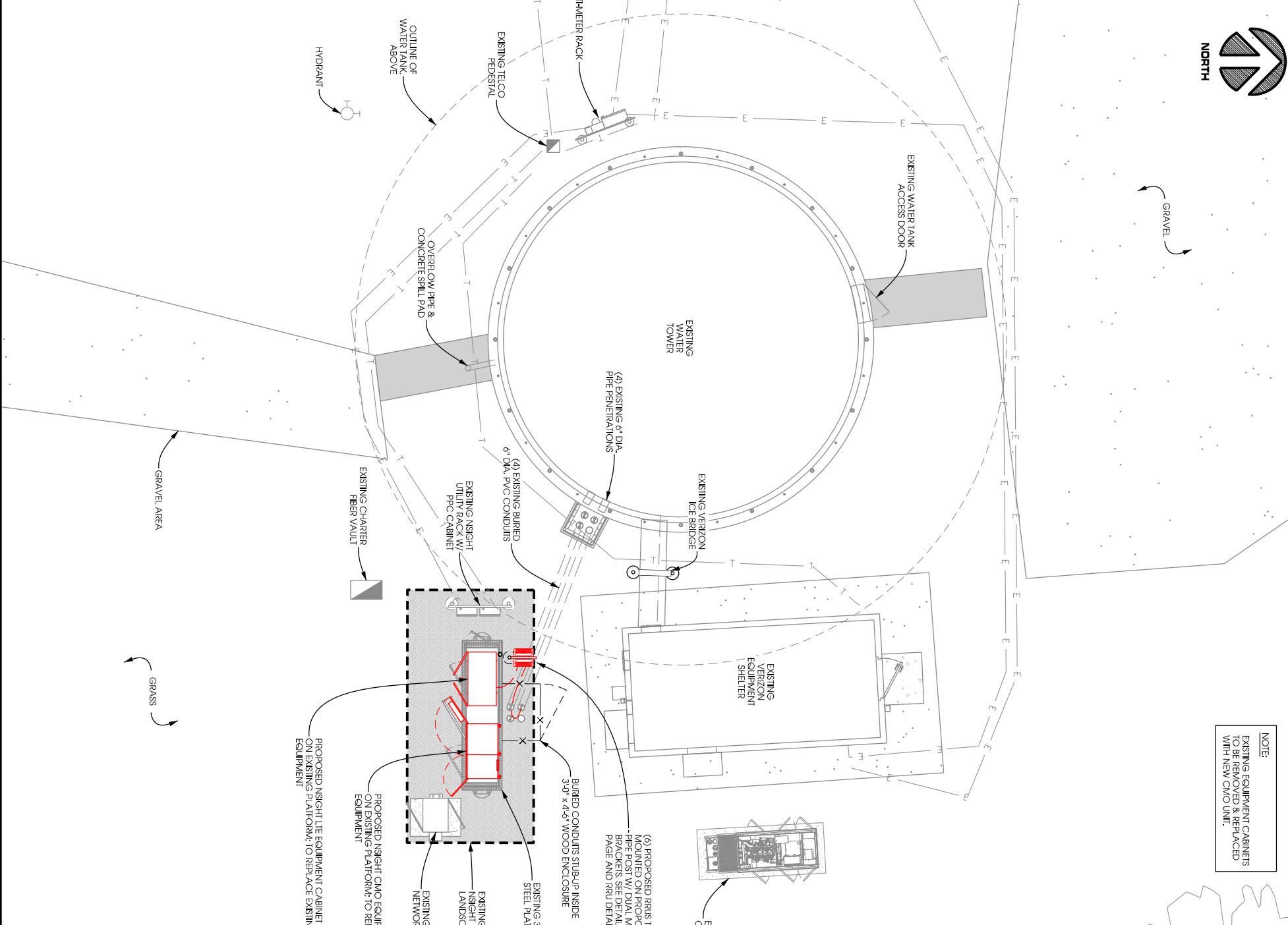
SHEET NUMBER:
C-1



**SITE OVERVIEW
[LOOKING DOWN FROM TOWER]**

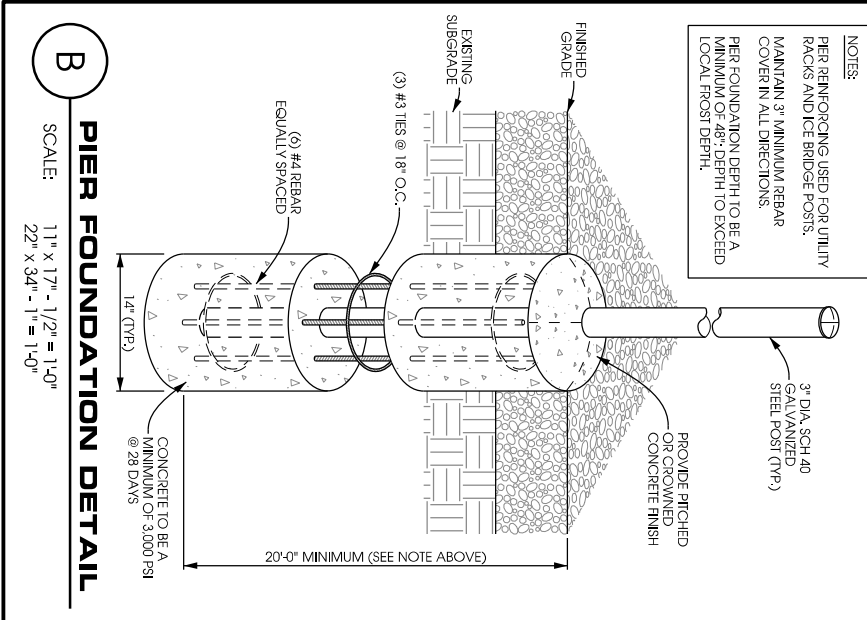


**EXISTING LEASE AREA
[LOOKING NORTH]**



NOTE:
EXISTING EQUIPMENT CABINETS TO BE REMOVED & REPLACED WITH NEW CMO UNIT.

NOTES:
PIER REINFORCING USED FOR UTILITY RACKS AND ICE BRIDGE POSTS. MAINTAIN 3" MINIMUM REBAR COVER IN ALL DIRECTIONS. PIER FOUNDATION DEPTH TO BE A MINIMUM OF 48" DEPTH TO EXCEED LOCAL FROST DEPTH.
3" DIA. SCH 40 STEEL POST (TYP)
PROVIDE PITCHED OR CROWNED CONCRETE FINISH

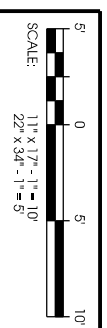


B PIER FOUNDATION DETAIL
SCALE: 1 1/4" x 1 7/8" = 1'-0"
2 1/2" x 3 1/4" = 1'-0"



COMPOUND PLAN TOMAHAWK WT TOMAHAWK, WISCONSIN

Edge
Consulting Engineers, Inc.
624 Water Street
Prairie du Sac, WI 53578
608.644.1449 voice
608.644.1549 fax
www.edgeconsult.com

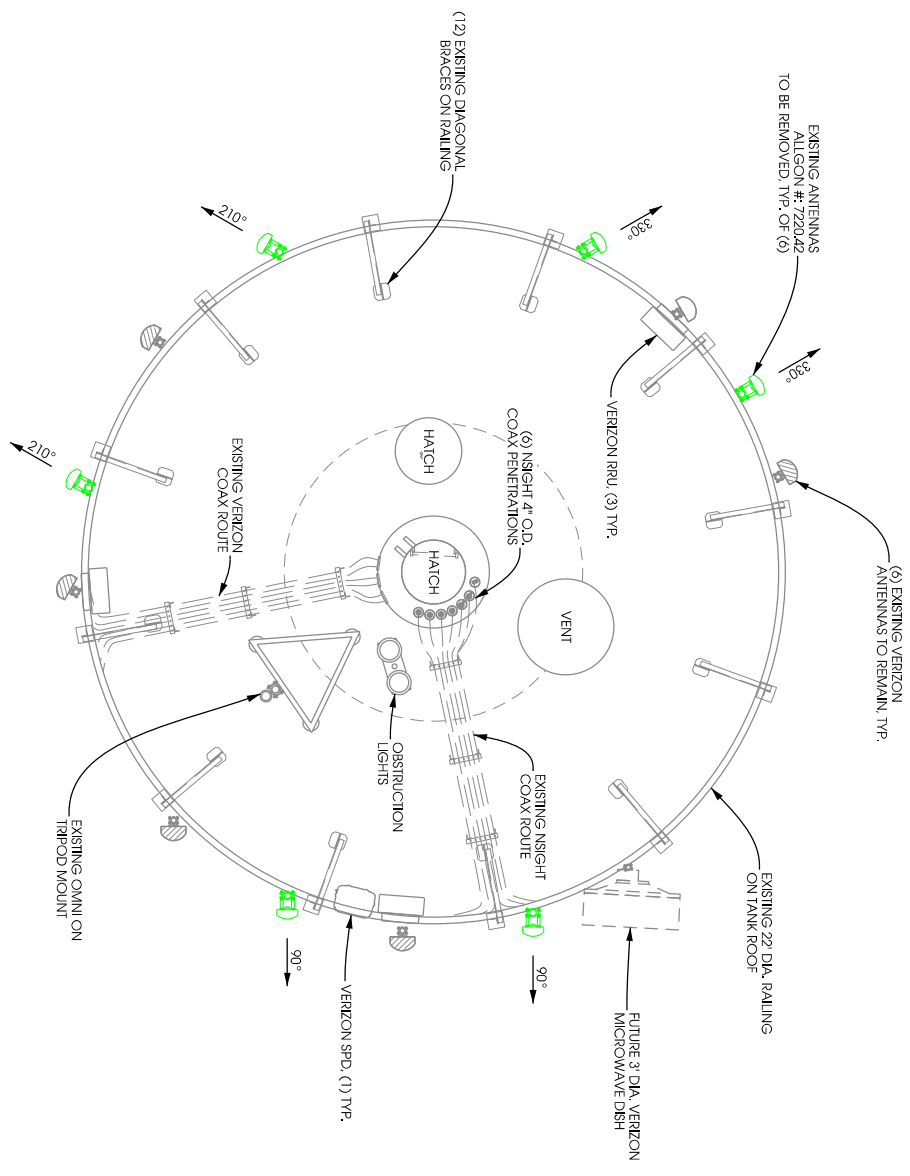
SHEET TITLE:	
PRELIMINARY DWGS.	RH:
PRELIM DWGS - 1/23/2016	ADS
AMENDMENT MODEL - 1/26/2016	ADS
RF DESIGN - 4/27/2017	ADS
STAMPED FINAL DWGS.	
CHECKED BY:	
KCB	
PLOT DATE:	
4/27/2017	
PROJECT #:	
14459	
FILE NAME:	
C-2.dgn	
SHEET NUMBER:	
C-2	



ANTENNA LEGEND:

-  EXISTING ANTENNA TO REMAIN
-  EXISTING VERIZON ANTENNA

NOTE:
ALL ANTENNA AZIMUTHS TO BE FROM TRUE NORTH





A

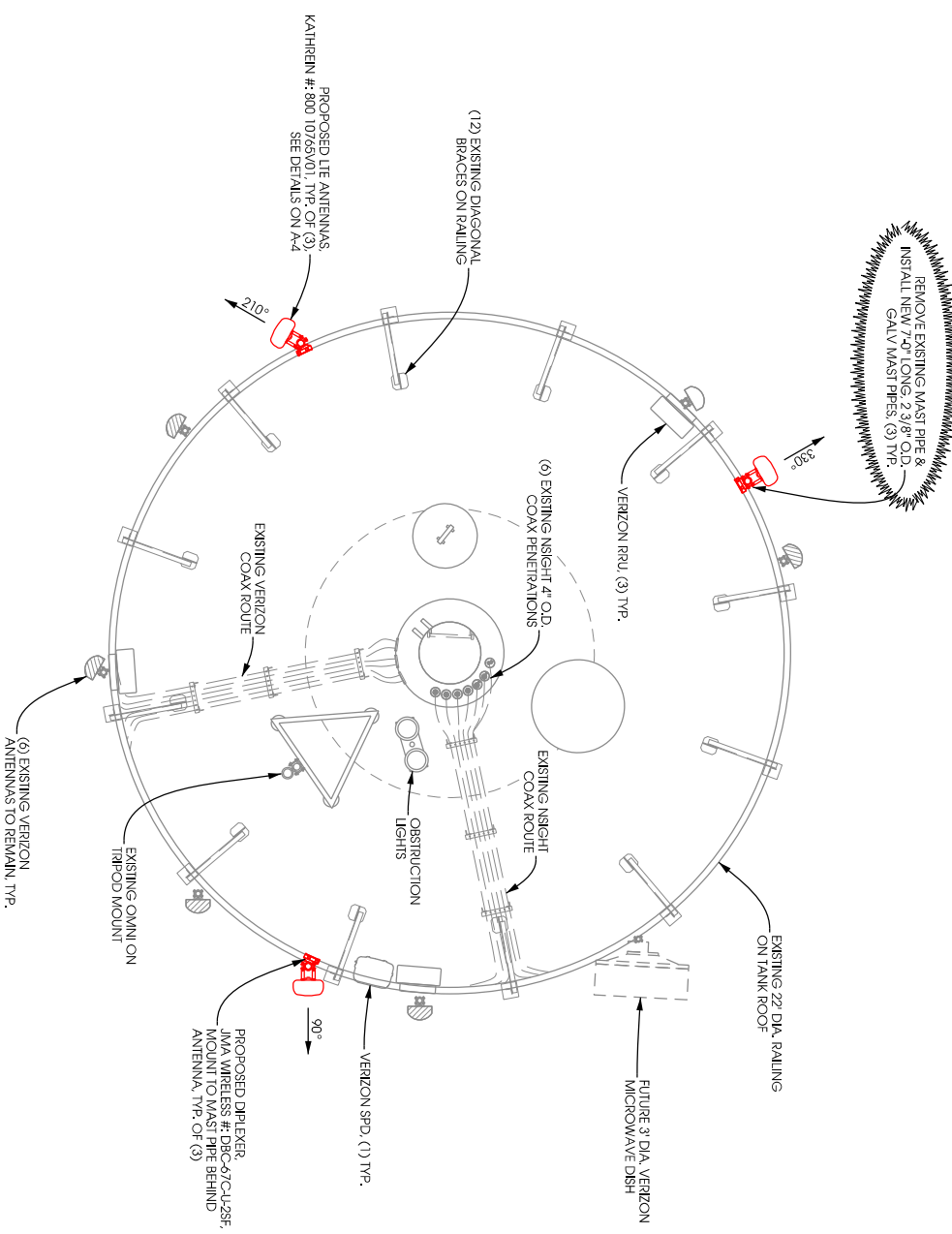
EXISTING ANTENNA ASSIGNMENT

SCALE: 11" x 17" - 1/4" = 1'-0"
22" x 34" - 1/2" = 1'-0"

ANTENNA LEGEND:

-  PROPOSED LTE ANTENNA
-  PROPOSED DIPLER

NOTES:
1.) ALL ANTENNA AZIMUTHS REFERENCED FROM TRUE NORTH.
2.) SEE SHEET A-1 FOR ANTENNAS AND EQUIPMENT DETAILS.



B

PROPOSED ANTENNA ASSIGNMENT

SCALE: 11" x 17" - 1/4" = 1'-0"
22" x 34" - 1/2" = 1'-0"

**ANTENNA CONFIGURATION
TOMAHAWK WT
TOMAHAWK, WISCONSIN**

Edge
Consulting Engineers, Inc.
624 Water Street
Prairie du Sac, WI 53578
608.644.1449 voice
608.644.1549 fax
www.edgeconsult.com

SHEET TITLE:

PRELIMINARY DWGS.	R/N:
PRELIM DWGS - 12/23/2016	ADS
ANTENNA MODEL - 1/28/2016	ADS
RF DESIGN - 4/27/2017	ADS
STAMPED FINAL DWGS:	
CHECKED BY:	
KCB	
PLOT DATE:	
4/27/2017	
PROJECT #:	
14459	
FILE NAME:	
A-2.dgn	
SHEET NUMBER:	
A-2	



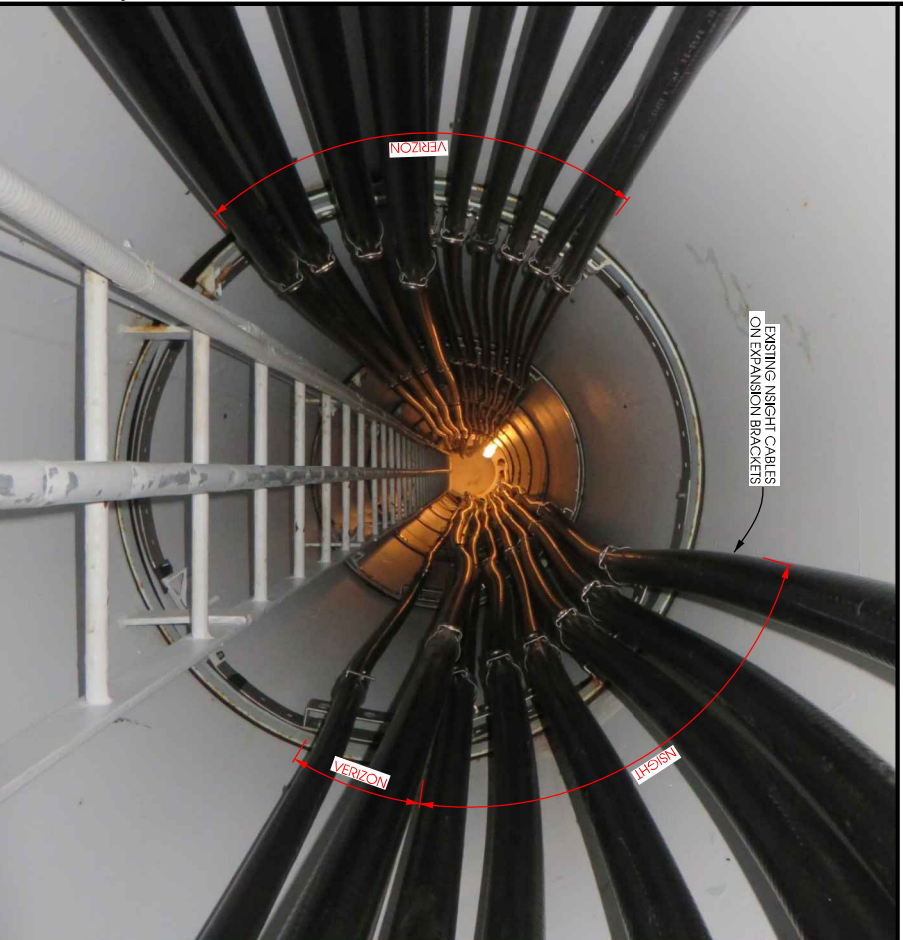
UPPER PENETRATIONS



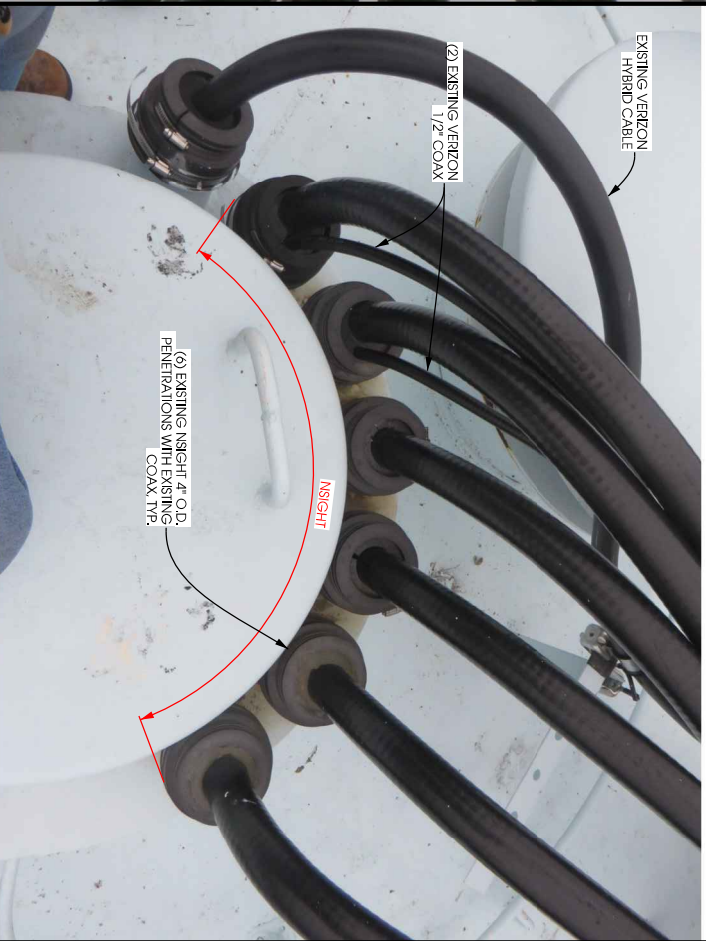
TOWER BASE PENETRATIONS



LOOKING UP TANK SHAFT



LOOKING UP ACCESS TUBE



TOP OF ACCESS TUBE



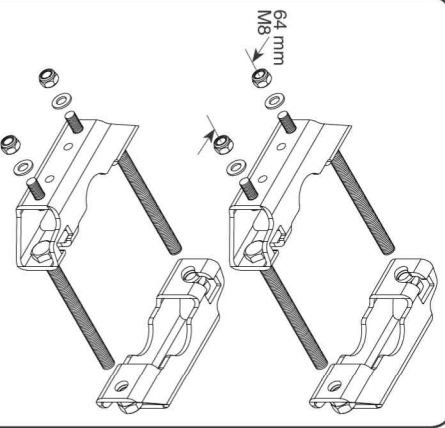
EXISTING COAX ROUTE TO RAILING

**TOWER COAX ROUTING
TOMAHAWK WT
TOMAHAWK, WISCONSIN**

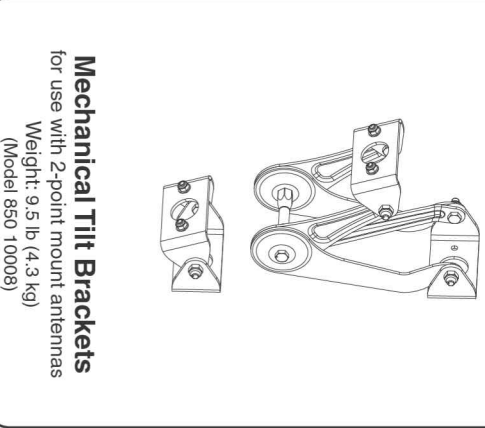
SHEET TITLE:

PRELIMINARY DWGS.	INT.
PRELIM DWGS - 1/23/2016	ASB
ANTENNA MODEL - 1/26/2016	ASB
RF DESIGN - 4/27/2017	ASB

STAMPED FINAL DWGS.	
CHECKED BY:	
KCB	
PLOT DATE:	4/27/2017
PROJECT #:	14459
FILE NAME:	A-3.dgn
SHEET NUMBER:	A-3



Mounting Brackets
for use with 2-point mount antennas
Mast dia. 2-4.5 inches (50-115 mm)
Weight: 4.4 lb (2 kg)



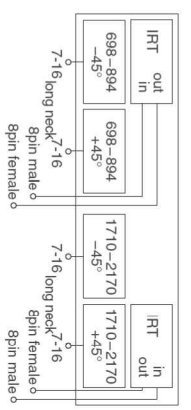
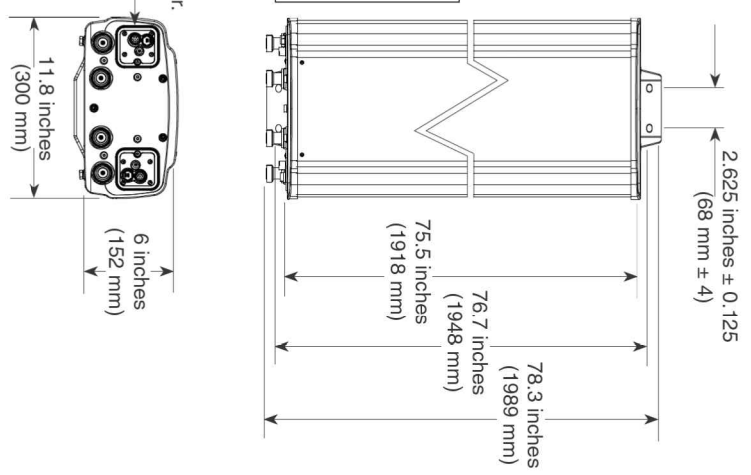
Mechanical Tilt Brackets
for use with 2-point mount antennas
Weight: 9.5 lb (4.3 kg)
(Model 850 10008)

Mechanical specifications:

Weight	51.8 lb (23.5 kg)	56.2 lb (25.5 kg) clamps included
Dimensions	75.5 x 11.8 x 6 inches (1918 x 300 x 152 mm)	
Wind Load	at 93 mph (150kph) 214 lbf / 81 lbf / 221 lbf (950 N) / (360 N) / (980 N)	
Mounting category	H (Heavy)	
Wind survival rating	150 mph (240 kph)	
Shipping dimensions	85.3 x 12.7 x 7.5 inches (2166 x 322 x 190 mm)	
Shipping weight	62 lb (28.1 kg)	
Mounting	Mounting hardware included for 2 to 4.5 inch (50 to 115 mm) OD masts.	

KATHREIN 860 10149
Tested To Comply With FCC Standards
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: Refer to part number 860 10149 for the specifications of the remote control actuator.



* Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

Order Information:

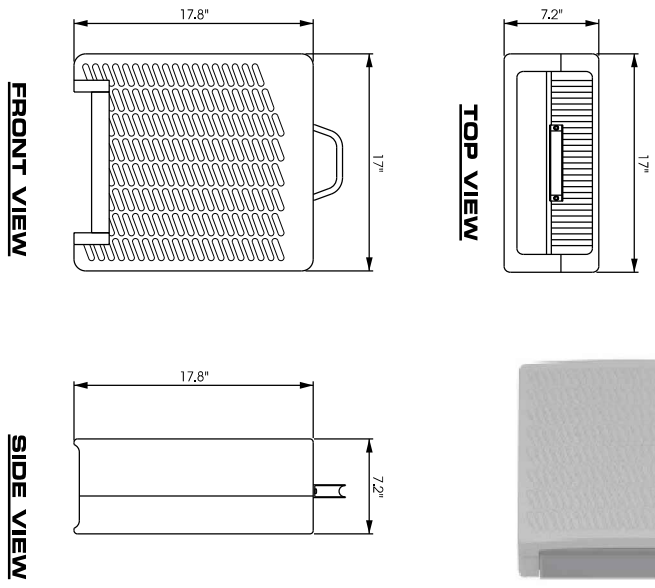
Model	Description
800 10765V01	Dualband antenna with mounting bracket 0°-10° // 0°-10° electrical downtilt
800 10765V01 K	Dualband antenna with mounting bracket and mechanical tilt bracket 0°-10° // 0°-10° electrical downtilt

All specifications are subject to change without notice. The latest specifications are available at www.kathrein-scala.com.
Kathrein Inc., Scala Division Post Office Box 4580 Medford, OR 97501 (USA) Phone: (541) 779-6500 Fax: (541) 779-3991
Email: communications@kathrein.com Internet: www.kathrein-scala.com

A

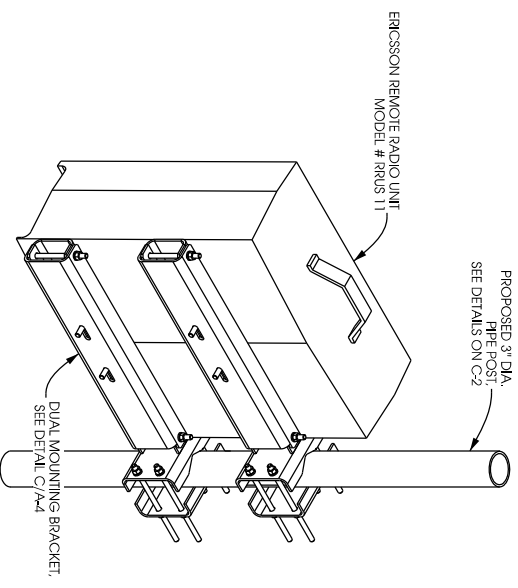
ANTENNA DATA SHEET
SCALE: NTS

REMOTE RADIO UNIT:
ERICSSON PART # RRU5 11
DIMENSIONS: 17.8" x 17" x 7.2" (H x W x D)
WEIGHT: 51.0 LBS

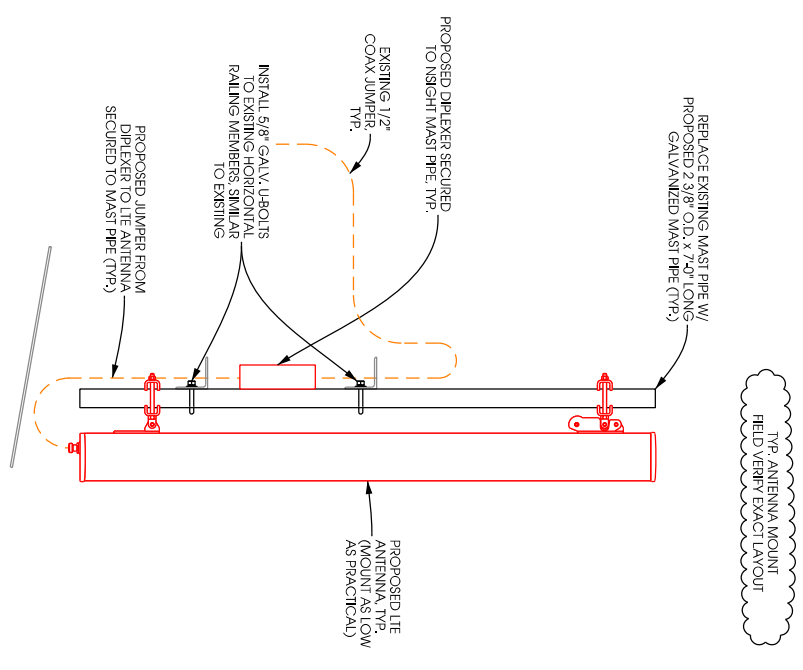


B
REMOTE RADIO UNIT (RRU)
SCALE: NTS

REMOTE RADIO UNIT:
ERICSSON PART # RRU5 11
DIMENSIONS: 19.7" x 17.0" x 7.2" (H x W x D)
WEIGHT: 51.0 LBS



B
REMOTE RADIO UNIT (RRU)
SCALE: NTS



D
ANTENNA & EQUIPMENT
SCALE: NTS

EQUIPMENT DETAILS
TOMAHAWK WT
TOMAHAWK, WISCONSIN

Edge
Consulting Engineers, Inc.
624 Water Street
Prairie du Sac, WI 53578
608.644.1449 voice
608.644.1549 fax
www.edgeconsult.com

SHEET TITLE:

PRELIMINARY DWGS.	INT.
PRELIM DWGS - 12/23/2016	ADS
ANTENNA MODEL - 1/26/2016	ADS
RF DESIGN - 4/27/2017	ADS

STAMPED FINAL DWGS.

CHECKED BY:	KCB
PLOT DATE:	4/27/2017
PROJECT #:	14459
FILE NAME:	A-4.dgn
SHEET NUMBER:	A-4



EXISTING MAST PIPE MOUNT

SCHEDULE "B-1"

LESSEE'S EQUIPMENT

- Three (3) Kathrein Model #80010766 Panel Antennas Mounted on the Tower as Depicted in the attached Site Drawings
- Three (3) Duplexors Model #DBC-67C-U-2SF, Mounted on the Tower as Depicted in the attached Site Drawings
- Six (6) 1-5/8" Foam Dielectric, LD57 Series – 50 ohm coax runs
- Three (3) Nortel Outdoor Metro Cell transmitters/cabinets as Depicted in the attached Site Drawings.
- One (1) GPS unit

5 Year Capital Improvement Plan

2018 *thru* 2022

City of Tomahawk, Wisconsin

Project #	WW-18-003
Project Name	Sanitary Sewer Lining

Type	Improvement	Department	Sewer Department
Useful Life	30 years	Contact	Sewer Leadsperson
Category	Wastewater	Priority	1 Critical

Description	Total Project Cost: \$0
Foaming and Lining of the sanitary sewer lines at the following:	
-Washington Avenue between 8th Street and 9th Street (1 Block)	
-Washington Avenue between 2nd Street and Tomahawk Avenue (1 Block)	

Justification
Tree roots have penetrated the sanitary sewer lines in the segments of roads indicated in the description. The project would include a foam treatment to kill the roots in the system and then to line the sanitary sewer lines.

Expenditures	2018	2019	2020	2021	2022	Total
Construction/Maintenance	0					0
Total	0					0

Funding Sources	2018	2019	2020	2021	2022	Total
Sewer Fund	0					0
Total	0					0

Budget Impact/Other