

**CITY OF MERRILL
BOARD OF PUBLIC WORKS
Wednesday, February 25, 2015 at 4:00 P.M.
City Hall Basement Conference Room
1004 East First Street**

Voting members of Board: Alderman Peter Lokemoen, Alderman Ryan Schwartzman, Alderman Rob Norton, Street Commissioner Richard Lupton and Mayor Bill Bialecki (Mayor may only vote in case of a tie)

AGENDA

1. Call to order
2. Vouchers
3. Consider second amendment to water tower attachment communication site agreement Verizon for the Taylor Street water tower, 1101 East Taylor Street (agenda item requested by City Attorney Hayden)
4. Consider ordinance amending Chapter 32, Article III, Section 32-54(b)(9) to add language relating to assessment of sidewalk costs (agenda item requested by Finance Director Unertl)
5. Consider ordinance amending Chapter 32, Article III, Section 32-58(a) to add language relating to assessment of sidewalk costs (agenda item requested by Finance Director Unertl)
6. Monthly reports:
 - a. Street Commissioner
 - b. Building Inspector/Zoning Administrator
 - c. City Hall Maintenance Supervisor
 - d. Contract Engineering firms
7. Establish date and time of next meeting
8. Public Comment
9. Adjournment

NOTE: It is possible that a quorum of the Common Council will be present at this meeting, but no Common Council action will be taken.

Agenda prepared by City Clerk Bill Heideman
Agenda reviewed by Mayor Bill Bialecki

The Merrill City Hall is accessible to the physically disadvantaged. If special accommodations are needed, please contact the Merrill City Hall at 536-5594

Date and time agenda was posted: _____ *Posted:* _____

PACKET: 05885 BPW - FEB 2015
VENDOR SET: 01 City of Merrill
SEQUENCE : ALPHABETIC
DUE TO/FROM ACCOUNTS SUPPRESSED

2

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION

01-003702 AA LOCK SERVICE

I-2140		AA LOCK SERVICE	619.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		AA LOCK SERVICE		10 53230-03-40000	Operating Supplies	619.00
=== VENDOR TOTALS ===			619.00			

01-003108 AIRGAS USA, LLC

I-9035449712		GLOVES	291.21			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		GLOVES		10 53300-03-32000	Safety Educ/Materials	291.21
=== VENDOR TOTALS ===			291.21			

01-002222 ARROW TERMINAL, LLC

I-0096595-IN		LIGHT BAR	266.80			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		LIGHT BAR		10 53240-03-40000	Operating Supplies	266.80
=== VENDOR TOTALS ===			266.80			

01-001521 BAY TOWEL, INC.

I-1922007		UNIFORMS	98.87			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		UNIFORMS		10 53620-03-46000	Uniform Services	12.31
		UNIFORMS		10 53635-03-46000	Uniform Services	9.42
		UNIFORMS		10 53240-03-46000	Uniform Services	22.26
		UNIFORMS		10 53312-03-46000	Uniform Services	49.55
		UNIFORMS		10 53230-03-40000	Operating Supplies	5.33

I-1925413		UNIFORMS	98.87			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		UNIFORMS		10 53620-03-46000	Uniform Services	12.31
		UNIFORMS		10 53635-03-46000	Uniform Services	9.42
		UNIFORMS		10 53240-03-46000	Uniform Services	22.26
		UNIFORMS		10 53312-03-46000	Uniform Services	49.55
		UNIFORMS		10 53230-03-40000	Operating Supplies	5.33

I-1928793		UNIFORMS	101.03			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		UNIFORMS		10 53620-03-46000	Uniform Services	12.41
		UNIFORMS		10 53635-03-46000	Uniform Services	9.44
		UNIFORMS		10 53240-03-46000	Uniform Services	22.29
		UNIFORMS		10 53312-03-46000	Uniform Services	51.64
		UNIFORMS		10 53230-03-40000	Operating Supplies	5.25

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01-001521 BAY TOWEL, INC. (** CONTINUED **)

ID	POST DATE	BANK CODE	DESCRIPTION	GROSS	DISCOUNT	P.O. #	G/L ACCOUNT	ACCOUNT NAME	DISTRIBUTION
I-1932206			UNIFORMS	98.87					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			UNIFORMS			10	53620-03-46000	Uniform Services	12.31
			UNIFORMS			10	53635-03-46000	Uniform Services	9.42
			UNIFORMS			10	53240-03-46000	Uniform Services	22.26
			UNIFORMS			10	53312-03-46000	Uniform Services	49.55
			UNIFORMS			10	53230-03-40000	Operating Supplies	5.33
=== VENDOR TOTALS ===				397.64					

01-000078 BRUCE MUNICIPAL & EQ INC

I-5150370			IMPELLAR BLADE	560.40					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			IMPELLAR BLADE			10	53240-03-40000	Operating Supplies	560.40

I-5150394			BUSHING	28.74					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			BUSHING			10	53240-03-40000	Operating Supplies	28.74

I-5150395			SPIDER ASSY	2,575.50					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			SPIDER ASSY			10	53240-03-40000	Operating Supplies	2,575.50
=== VENDOR TOTALS ===				3,164.64					

01-002809 CARQUEST OF MERRILL

I-10846-152847			REMAN ALTERNATOR	89.83					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			REMAN ALTERNATOR			10	53240-03-40000	Operating Supplies	89.83

I-10846-152855			AUTO BATTERY	211.58					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			AUTO BATTERY			10	53240-03-40000	Operating Supplies	211.58

I-10846-152877			PIGGYBACK KIT	48.48					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			PIGGYBACK KIT			10	53240-03-40000	Operating Supplies	48.48

I-10846-152899			BRAKE DRUMS/ROTORS	133.24					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			BRAKE DRUMS/ROTORS			10	53240-03-40000	Operating Supplies	133.24

I-10846-153013			HD TEMP GAUGE	36.07					
	2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015			1099: N			
			HD TEMP GAUGE			10	53240-03-40000	Operating Supplies	36.07

PACKET: 05805 BPW - FEB 2015

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 POST DATE BANK CODE -----DESCRIPTION----- DISCOUNT G/L ACCOUNT -----ACCOUNT NAME----- DISTRIBUTION
 =====
 01-002809 CARQUEST OF MERRILL (** CONTINUED **)

I-10846-153041		GAUGE/PRESS KIT	45.73				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		GAUGE/PRESS KIT		10	53240-03-40000	Operating Supplies	45.73
I-10846-153095		GASKET SET/TIMING BELT	104.40				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		GASKET SET/TIMING BELT		10	53240-03-40000	Operating Supplies	104.40
I-10846-153098		FILTERS	145.00				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		FILTERS		10	53240-03-40000	Operating Supplies	145.00
I-10846-153307		SWITCHES	18.25				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		SWITCHES		10	53240-03-40000	Operating Supplies	18.25
I-10846-153326		TOGGLE SWITCH	19.56				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		TOGGLE SWITCH		10	53240-03-40000	Operating Supplies	19.56
I-10846-153574		BRK PARTS CLEANER	39.12				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		BRK PARTS CLEANER		10	53240-03-40000	Operating Supplies	39.12
I-10846-153602		AUTO BATTERY	168.18				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		AUTO BATTERY		10	53240-03-40000	Operating Supplies	168.18
I-10846-153607		BATTERY CORE RTN/FILTERS	58.87				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		BATTERY CORE RTN/FILTERS		10	53240-03-40000	Operating Supplies	58.87
I-10846-153674		MOTOR ASSM GREASE	7.26				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		MOTOR ASSM GREASE		10	53240-03-40000	Operating Supplies	7.26
=== VENDOR TOTALS ===			1,125.57				

01-003458 CITY LIMITS SYSTEMS INC.

I-5583		ROAD RAGE #1/ROAD RAGE #2	446.35				
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N			
		ROAD RAGE #1/ROAD RAGE #2		10	53240-03-40000	Operating Supplies	446.35
=== VENDOR TOTALS ===			446.35				

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01-002835		CONGER INDUSTRIES, INC				
I-20128042		2 - REPAIR KITS	61.64			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		2 - REPAIR KITS		10 53240-03-40000	Operating Supplies	61.64
		=== VENDOR TOTALS ===	61.64			
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01-000115		COUNTY MATERIALS CORP				
I-2487353-00		NUT/BOLT/WASHER/GUARD RAIL	883.31			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		NUT/BOLT/WASHER/GUARD RAIL		10 53300-03-40000	Operating Supplies	883.31
		=== VENDOR TOTALS ===	883.31			
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01-000212		FASTENAL COMPANY				
I-WIMER78866		STEP LADDER	109.99			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		STEP LADDER		10 53230-03-40000	Operating Supplies	109.99
I-WIMER78983		SUPPLIES	178.81			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SUPPLIES		10 53240-03-40000	Operating Supplies	178.81
I-WIMER79061		HCSECO	97.50			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		HCSECO		10 53240-03-40000	Operating Supplies	97.50
I-WIMER79134		SIGN	24.01			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SIGN		10 53240-03-40000	Operating Supplies	24.01
I-WIMER79235		EARPLUGS/300PSI HS RI	302.40			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		EARPLUGS/300PSI HS RI		10 53240-03-40000	Operating Supplies	256.72
		EARPLUGS/300PSI HS RI		10 53300-03-32000	Safety Educ/Materials	45.68
I-WIMER79333		SUPPLIES	104.19			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SUPPLIES		10 53240-03-40000	Operating Supplies	104.19
I-WIMER79359		SUPPLIES	33.76			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SUPPLIES		10 53240-03-40000	Operating Supplies	33.76
		=== VENDOR TOTALS ===	850.66			

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01-000983		HORST DISTRIBUTING INC				
I-44083-000		KIT & SEAL	444.73			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		KIT & SEAL		10 53240-03-40000	Operating Supplies	444.73
		=== VENDOR TOTALS ===	444.73			
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01-001017		JANSSEN HEATING & COOLING				
I-19295		LP REFILLS	40.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		LP REFILLS		10 53300-03-40000	Operating Supplies	40.00
		=== VENDOR TOTALS ===	40.00			
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01-000896		LANGE MACHINE & TOOL CO				
I-47859		SPIDER FAN LABOR/MATERIAL	750.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SPIDER FAN LABOR/MATERIAL		10 53240-03-40000	Operating Supplies	750.00
		=== VENDOR TOTALS ===	750.00			
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01-000313		LINCOLN CO TREASURER'S OFFICE				
I-9668		JANUARY GARBAGE	6,919.81			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		JANUARY GARBAGE		10 53620-03-94000	Tipping Fees	6,919.81
		=== VENDOR TOTALS ===	6,919.81			
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01-000148		LINCOLN CO. HWY DEPT				
I-NOV-DEC 2014		SALT	12,287.86			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SALT		10 53312-03-40000	Operating Supplies	12,287.86
		=== VENDOR TOTALS ===	12,287.86			
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01-000530		MID-STATE TRUCK SERVICE				
I-134408U		HOLDER	130.23			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		HOLDER		10 53240-03-40000	Operating Supplies	130.23
		=== VENDOR TOTALS ===	130.23			

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01-000529		MID-STATES EQUIPMENT INC				

I-1249087-01		PUMP	505.92			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		PUMP		10 53240-03-40000	Operating Supplies	505.92
=== VENDOR TOTALS ===			505.92			

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01-000524		MILLER-BRADFORD & RISBERG				
I-IW42414		WHEEL/VALVE STEM	652.54			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		WHEEL/VALVE STEM		10 53240-03-40000	Operating Supplies	652.54
=== VENDOR TOTALS ===			652.54			

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01-000516		MONROE TRUCK EQUIPMENT				
I-396894		CRYSTEEL/CONNECTION KIT	38.51			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		CRYSTEEL/CONNECTION KIT		10 53240-03-40000	Operating Supplies	38.51
=== VENDOR TOTALS ===			38.51			

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01-000540		NAPA AUTO PARTS				
I-515646		FUSE	2.08			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		FUSE		10 53240-03-40000	Operating Supplies	2.08
I-516519		RAVEN BLK/NITRILE GLV	155.88			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		RAVEN BLK/NITRILE GLV		10 53240-03-40000	Operating Supplies	155.88
I-517282		BATTERY SPRING CLAMP	6.90			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		BATTERY SPRING CLAMP		10 53240-03-40000	Operating Supplies	6.90
I-517482		SOLENOID	43.32			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SOLENOID		10 53240-03-40000	Operating Supplies	43.32
=== VENDOR TOTALS ===			208.18			

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01-002452 NELSON'S POWERHOUSE

I-12017		LABOR/CYLINDER PISTON ASSBLY	426.69			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		LABOR/CYLINDER PISTON ASSBLY		10 53240-03-40000	Operating Supplies	426.69

I-12267		MOWER BLADE/CHAIN SHARPENING	185.64			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		MOWER BLADE/CHAIN SHARPENING		10 53240-03-40000	Operating Supplies	185.64

=== VENDOR TOTALS === 612.33

01-000630 NORTHWEST PETROLEUM

I-43561		BREAKAWAY VALVES	518.45			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		BREAKAWAY VALVES		10 53240-03-40000	Operating Supplies	518.45

I-43575		1" RECONNECTABLE BREAKAWAY	143.91			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		1" RECONNECTABLE BREAKAWAY		10 53240-03-40000	Operating Supplies	143.91

=== VENDOR TOTALS === 662.36

01-002711 O'REILLY AUTO PARTS

C-2327-237011		ALTERNATOR	35.00CR			
2/15/2015	1	DUE: 9/18/2014 DISC: 9/18/2014		1099: N		
		ALTERNATOR		10 53240-03-40000	Operating Supplies	35.00CR

=== VENDOR TOTALS === 35.00CR

01-000582 POMP'S TIRE SERVICE, INC

I-350016280		PRIMER & POWDER COAT RECON	41.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		PRIMER & POWDER COAT RECON		10 53240-03-40000	Operating Supplies	41.00

=== VENDOR TOTALS === 41.00

01-000080 QUICKSILVER BROADCASTING LLC

I-15010212		WINTER COLLECTIONS/TREES/RCY	198.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		WINTER COLLECTIONS/TREES/RCY		10 53620-03-20000	Publish Legal Notices	198.00

=== VENDOR TOTALS === 198.00

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01-003704 REEDSBURG HARDWARE COMPANY

I-6190		CHAINS	2,108.25			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		CHAINS		10 53240-03-40000	Operating Supplies	2,108.25
=== VENDOR TOTALS ===			2,108.25			

01-000531 RENT-A-FLASH OF WI

I-46251		SS BANDING/VALUCLIP	626.55			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SS BANDING/VALUCLIP		10 52110-03-57000	Traffic Signs	626.55
=== VENDOR TOTALS ===			738.55			

01-000379 RIESTERER & SCHNELL INC

I-774916		SPRING PIN/PLATE/PRESSED FL	60.49			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SPRING PIN/PLATE/PRESSED FL		10 53240-03-40000	Operating Supplies	60.49
=== VENDOR TOTALS ===			60.49			

01-000546 SCHAEFFER MFG CO

I-MN9041-INV1		DIESEL TREAT ULTRA LOW SULFUR	296.10			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		DIESEL TREAT ULTRA LOW SULFUR		10 53240-03-40000	Operating Supplies	296.10
=== VENDOR TOTALS ===			296.10			

01-000256 STARK GM AUTO MALL

I-1218		PIPE/HOSE/LAMP	76.07			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		PIPE/HOSE/LAMP		10 53240-03-40000	Operating Supplies	76.07
I-1223		PIPE/HOSE	56.95			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		PIPE/HOSE		10 53240-03-40000	Operating Supplies	56.95
=== VENDOR TOTALS ===			133.02			

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01-002847 TOMAHAWK TRUCK PARTS, LLC

I-09P9000753		TANDEM/PIG PACK/TYPE 30 CLAMP	150.13			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		TANDEM/PIG PACK/TYPE 30 CLAMP		10 53240-03-40000	Operating Supplies	150.13
I-09P900812		HEADLAMP/STRAP BOLT KIT	24.06			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		HEADLAMP/STRAP BOLT KIT		10 53240-03-40000	Operating Supplies	24.06
=== VENDOR TOTALS ===			174.19			

01-001121 TOWN OF PINE RIVER

I-2015-01		GRADING/PLOWING BIG EDDY RD	225.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		GRADING/PLOWING BIG EDDY RD		10 53312-02-15550	Pine River-Big Eddy Rd.	225.00
=== VENDOR TOTALS ===			225.00			

01-000284 VIP ALL-VALUE

I-092544		STAPLES/STAPLER	21.98			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		STAPLES/STAPLER		10 53230-03-40000	Operating Supplies	21.98
I-092545		CLIPS	3.99			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		CLIPS		10 53101-03-10000	Office Supplies	3.99
=== VENDOR TOTALS ===			25.97			

01-000774 WAUSAU SPRING & ALIGNMENT SERV

I-171070		SPRINGS/OVERLOAD/REONDS PIN	1,070.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SPRINGS/OVERLOAD/REONDS PIN		10 53240-03-40000	Operating Supplies	1,070.00
I-171169		PLOW KIT/TIE ROD	480.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		PLOW KIT/TIE ROD		10 53240-03-40000	Operating Supplies	480.00
=== VENDOR TOTALS ===			1,550.00			

PACKET: 05885 BPW - FEB 2015

VENDOR SET: 01 City of Merrill

SEQUENCE : ALPHABETIC

DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-000854		ZARNOTH BRUSH WORKS, INC				

I-0152969-IN		SNOW PLOW/BLADES	2,864.52			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		SNOW PLOW/BLADES		10 53240-03-40000	Operating Supplies	2,864.52
=== VENDOR TOTALS ===			2,864.52			
=====						
01-000727		ZIEBELL'S DOOR COMPANY				

I-4928		LIFTMASTER OPENER/SERVICE CAL	1,496.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		LIFTMASTER OPENER/SERVICE CALL		10 53230-03-40000	Operating Supplies	1,496.00
=== VENDOR TOTALS ===			1,496.00			
=====						
01-000855		ZIENTARA FLEET EQUIPMENT INC.				

I-1121940		3/4 MAX IMPACT NEU WHSE	625.00			
2/15/2015	1	DUE: 2/15/2015 DISC: 2/15/2015		1099: N		
		3/4 MAX IMPACT NEU WHSE		10 53240-03-40000	Operating Supplies	625.00
=== VENDOR TOTALS ===			625.00			
=== PACKET TOTALS ===			41,860.38			



002411

INVOICE
TIN 39-0875123

330 Fourth Street, PO Box 8000, Wausau, WI 54402-8000
Tel: 715.845.8000 | Fax: 715.845.8008 | becherhoppe.com

RECEIVED
FEB 05 2015

January 31, 2015 ✓
Project No: 2014.095.04
Invoice No: 18530

Kathy Unertl
Finance Director
City of Merrill
1004 East First Street
Merrill, WI 54452-2586

BY:

Professionals services for reroofing projects.

Professional Services from November 01, 2014 to January 30, 2015

Phase	008	WWT Roof Analysis (t/m)		
Professional Personnel				
		Hours	Rate	Amount
	CAD Technician I	6.50	70.00	455.00
	Project Manager, Associate AIA	4.00	105.00	420.00
	Totals	10.50		875.00
	Total Labor			875.00
Reimbursable Expenses				
	Travel			3.36
	Total Reimbursables			3.36
	<i>63-50000-07-55756</i>			
	Total this Phase			\$878.36

Phase	009	City Garage Reroof (t/m)		
Professional Personnel				
		Hours	Rate	Amount
	CAD Technician I	9.00	70.00	630.00
	Technical Assistant	.80	70.00	56.00
	Project Manager, Associate AIA	5.50	105.00	577.50
	Totals	15.30		1,263.50
	Total Labor			1,263.50
Reimbursable Expenses				
	Travel			1.12
	Total Reimbursables			1.12
	Total this Phase			\$1,264.62
	Total this Invoice			\$2,142.98
	<i>52-57001-08-31500</i>			

Billings to Date

	Current	Prior	Total
Labor	2,138.50	1,543.50	3,682.00

KU 2/10/2015



002411

INVOICE
TIN 39-0875123

330 Fourth Street, PO Box 8000, Wausau, WI 54402-8000
Tel: 715.845.8000 | Fax: 715.845.8008 | becherhoppe.com

FEB 05 2015

January 31, 2015 ✓
Project No: 2012.081.00
Invoice No: 18525

BY:

Kathy Unertl
Finance Director
City of Merrill
1004 East First Street
Merrill, WI 54452-2586

Professional services for final design, construction documents and construction services for the new Central Fire Station to be constructed at 427 East Second Street.

Professional Services from January 01, 2015 to January 30, 2015

Phase	020	Design Development Phase (I/s)		
Fee				
Billing Phase	Fee	Percent Complete	Earned	
Becher Hoppe	5,380.00	100.00	5,380.00	
Structural Services	1,000.00	100.00	1,000.00	
Total Fee	6,380.00		6,380.00	
		Previous Fee Billing	6,380.00	
		Current Fee Billing	0.00	
		Total Fee	0.00	
		Total this Phase	0.00	

Phase 021 Additional Services (t/m)

Additional Services - Additional on site visits regarding contractor questions and owners concerns of existing ongoing issues with workmanship and to complete the facility per the letter issued by Tom Hayden, City Attorney dated May 14, 2014.

Professional Personnel

	Hours	Rate	Amount	
CAD Technician III	13.60	90.00	1,224.00	
Totals	13.60		1,224.00	
Total Labor			1,224.00	
		Total this Phase	\$1,224.00	

Phase 022 Construction Document Phase (I/s)

Fee

over

TERMS - Payment is due upon receipt. Amounts unpaid after 30 days will bear interest of 1.5% per month (18% annually) until paid.
REMIT TO: Becher-Hoppe Associates, Inc. PO Box 8000 Wausau, WI 54402-8000 Email: accountspayable@becherhoppe.com

Billing Phase	Fee	Percent Complete	Earned	
Becher-Hoppe	46,330.00	100.00	46,330.00	
Structural Services	8,000.00	100.00	8,000.00	
HVAC / Electrical Services	24,500.00	100.00	24,500.00	
Total Fee	78,830.00		78,830.00	
		Previous Fee Billing	78,830.00	
		Current Fee Billing	0.00	
		Total Fee		0.00
		Total this Phase		0.00

Phase	030	Bidding or Negotiation Phase (l/s)		
Fee				
Billing Phase	Fee	Percent Complete	Earned	
Becher Hoppe	6,445.00	100.00	6,445.00	
Structural Services	600.00	100.00	600.00	
HVAC / Electrical Services	1,750.00	100.00	1,750.00	
Total Fee	8,795.00		8,795.00	
		Previous Fee Billing	8,795.00	
		Current Fee Billing	0.00	
		Total Fee		0.00
		Total this Phase		0.00

Phase	036	Construction Phase (l/s reimburs to 060)		
Fee				
Billing Phase	Fee	Percent Complete	Earned	
Becher Hoppe	52,392.00	100.00	52,392.00	
Structural Services	2,400.00	100.00	2,400.00	
HVAC / Electrical	8,750.00	100.00	8,750.00	
RPR duties	18,720.00	100.00	18,720.00	
Total Fee	82,262.00		82,262.00	
		Previous Fee Billing	82,262.00	
		Current Fee Billing	0.00	
		Total Fee		0.00
		Total this Phase		0.00

Phase 060 Reimbursables (t/m)

Printing, reproductions, plots, postage, and approval fees.

Reimbursable Expenses

Travel		24.15	
Total Reimbursables		24.15	24.15

OVER

Project	2012.081.00	Merrill, City of - Fire Station	Invoice	18525
			Total this Phase	\$24.15

Phase 065 Contractor Related Issues - Roof (t/m)

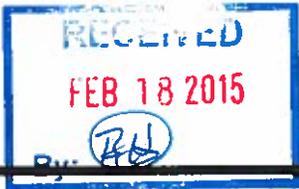
Issues directly related to the roof per the various roofing inspections.

Professional Personnel

	Hours	Rate	Amount	
Project Manager, Associate AIA	5.00	105.00	525.00	
Totals	5.00		525.00	
Total Labor				525.00
			Total this Phase	\$525.00
			Total this Invoice	\$1,773.15

57-52200-08-27300

2/10/2015



3

Heideman, Bill

From: Hayden, Tom
Sent: Wednesday, February 18, 2015 9:32 AM
To: Heideman, Bill
Cc: Bialecki, Bill; Johnson, David; Kriewald, Kim; Wais, Diane
Subject: FW: Amendment 2 Draft for Verizon upgrade at Merrill WT at 1101 E. Taylor Street
Attachments: Merrill West WT - Second Amendment v.1 (mods).docx; Merrill West WT - Second Amendment v.1 (with Exhibits).pdf

Bill: Please include the attached revisions to the Taylor Street Water Tower lease on next week's BPW agenda. The drawings, etc are included. This is a minor modification to update antennae, requiring some additional fastening/securing at the water tower base.

From: Bob Wolf [<mailto:wolf122150@cs.com>]
Sent: Wednesday, February 18, 2015 9:11 AM
To: Hayden, Tom
Subject: Amendment 2 Draft for Verizon upgrade at Merrill WT at 1101 E. Taylor Street

Good morning Tom,

Attached is the Amendment draft in Word. If there are any changes you require please make them here and send back to me. The .pdf of the amendment includes the amendment draft and exhibits that will be in the final version once we receive your approvals.

Please get this on the agendas for the various approvals.

Thanks for your help and patience.

Best regards,

Bob Wolf
Buell Consulting
Agent for Verizon Wireless
612-723-5180

**SECOND AMENDMENT TO WATER TOWER ATTACHMENT
COMMUNICATION SITE AGREEMENT**

THIS SECOND AMENDMENT TO WATER TOWER ATTACHMENT COMMUNICATION SITE AGREEMENT (the "Second Amendment") is made this ____ day of _____, 2015, between the City of Merrill, Wisconsin, a municipal corporation ("Owner"), and Alltel Communications Wireless of Louisiana, Inc., a Louisiana corporation d/b/a Verizon Wireless, with its principal offices located at One Verizon Way, Mailstop 4AW100, Basking Ridge, New Jersey 07920 ("Tenant").

Whereas, there is now in full force and effect a Water Tower Attachment Communication Site Agreement between Owner and Tenant, as successor-in-interest to UC/PTC Wisconsin LLC d/b/a Alltel, dated October 23, 2007, as amended by that First Amendment to Water Tower Attachment Communication Site Agreement dated February 7, 2013 (collectively, the "Lease"), which provides for the location, installation, and operation of Tenant's communications equipment at the real property and on the water tower ("Tower") owned by Owner, located at 1101 West Taylor Street, Merrill, Wisconsin 54452 (the "Property"); and

Whereas, Owner and Tenant wish to further amend the Lease to allow for modifications to Tenant's equipment.

NOW THEREFORE, for good and valuable consideration, including the mutual covenants and agreements hereinafter set forth, Owner and Tenant agree as follows:

1. **Equipment Modification.** Exhibit C-1 to the Lease is hereby deleted in its entirety and replaced with the attached Exhibit C-2, which reflects the modified equipment that Tenant shall be permitted to install, use, operate, repair, and maintain on the Tower and the Property ("Modified Equipment"). Provided that Tenant has received all necessary permits and approvals from the appropriate governing bodies, Tenant may immediately commence installation of the Modified Equipment. Owner agrees that the installation plan for Tenant's equipment depicted in the attached Exhibit C-2 is acceptable.

2. **Tower Modifications.** The parties acknowledge and agree that tower modifications ("Modifications") are required to accommodate Tenant's Modified Equipment as set forth in Exhibit C-2. Tenant shall, at its sole cost and expense, complete the Modifications in accordance with the Structural Assessment prepared by Ramaker & Associates, Inc., dated January 9, 2015 and attached hereto as Exhibit E. All Modifications, once installed, will immediately become the sole property of Owner, and Tenant will have no lien and no security, ownership or possessory interest in the Tower or Modifications, excepting only Tenant's right to occupy certain space on the Tower for Tenant's antenna facilities pursuant to the Lease.

3. **No Other Modifications.** Other than as specifically amended herein, all other terms and conditions of the Lease shall remain in full force and effect. Where there is conflict between the terms of the Lease and this Third Amendment, the terms of this Third Amendment shall control. Unless otherwise indicated or introduced in this Third Amendment, all defined terms referenced in this Third Amendment shall have the same meaning as those found in the Lease.

(Signature Page to Follow)

IN WITNESS WHEREOF, the parties hereto have executed in duplicate this Second Amendment effective as of the day and year first written above.

OWNER:

City of Merrill, Wisconsin

By: _____
Name: William R. Bialecki
Its: Mayor
Date: _____

By: _____
Name: William N. Heideman
Its: City Clerk
Date: _____

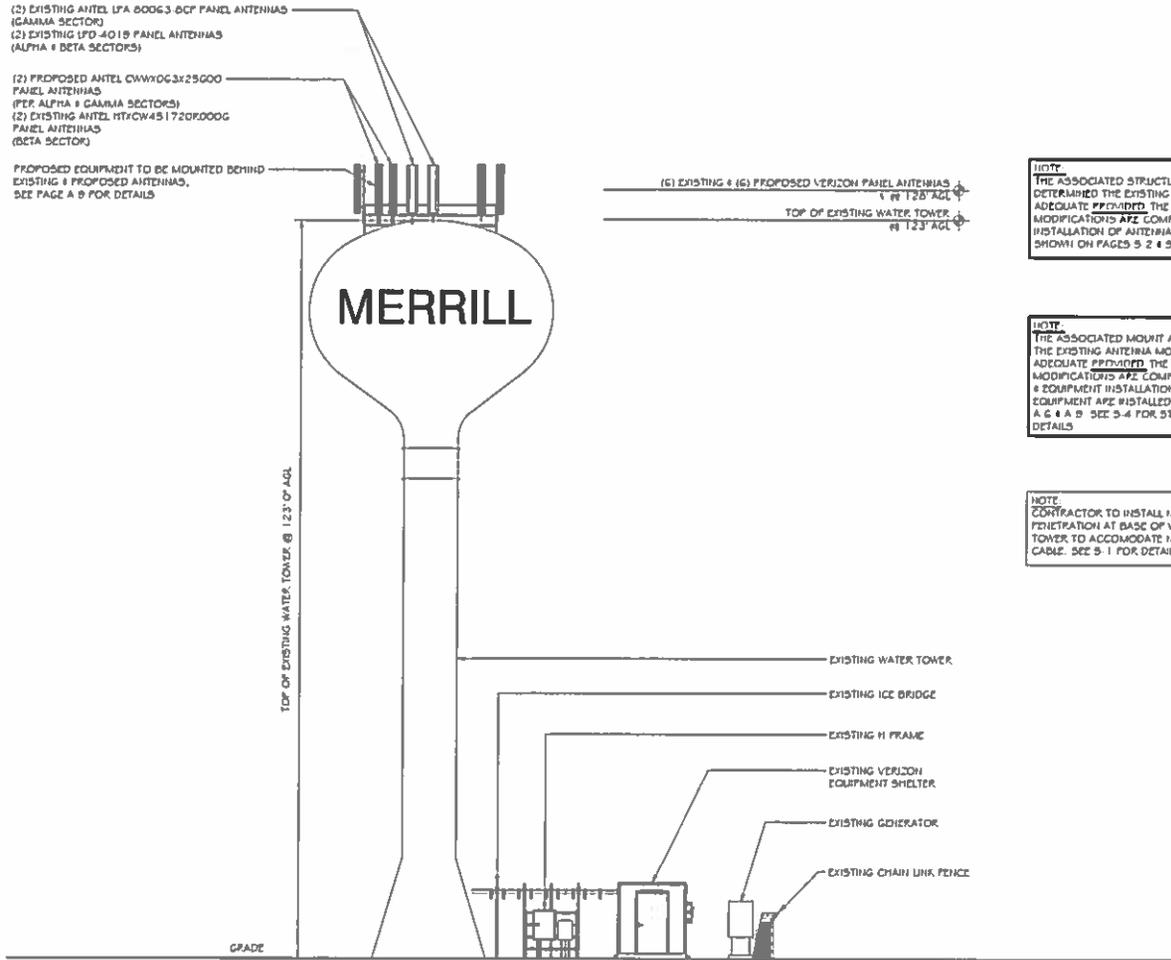
TENANT:

**Alltel Communications Wireless of Louisiana,
Inc. d/b/a Verizon Wireless**

By: _____
Name: Lynn Ramsey
Its: Area Vice President Network
Date: _____

EXHIBIT C-2
Modified Equipment

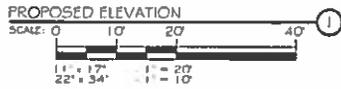
(see attached)



NOTE:
 THE ASSOCIATED STRUCTURAL ASSESSMENT DETERMINED THE EXISTING WATER TOWER IS ADEQUATE PROVIDED THE PROPOSED STRUCTURAL MODIFICATIONS ARE COMPLETED PRIOR TO INSTALLATION OF ANTENNAS OR EQUIPMENT, AS SHOWN ON PAGES 5 2 & 5 3

NOTE:
 THE ASSOCIATED MOUNT ASSESSMENT DETERMINED THE EXISTING ANTENNA MOUNTING STRUCTURE IS ADEQUATE PROVIDED THE PROPOSED STRUCTURAL MODIFICATIONS ARE COMPLETED PRIOR TO ANTENNA & EQUIPMENT INSTALLATION, AND ANTENNAS & EQUIPMENT ARE INSTALLED AS SHOWN ON PAGES A 5 & A 8 SEE 3-4 FOR STRUCTURAL MODIFICATION DETAILS

NOTE:
 CONTRACTOR TO INSTALL NEW COAX PENETRATION AT BASE OF WATER TOWER TO ACCOMMODATE NEW HYBRID CABLE. SEE 5-1 FOR DETAILS.



R RAMAKER & ASSOCIATES, INC.
 1120 Dallas Street, Sauk City, WI 53583
 Phone: 608-643-4100 Fax: 608-643-7999
 www.Ramaker.com

verizon wireless
 1515 WOODFIELD ROAD
 SCHAUMBURG, IL 60173

Calculation & Detail

NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION

PROJECT TITLE:
MERRILL WEST WT (201529)

PROJECT INFORMATION:
 W TAYLOR STREET
 MERRILL, WI 54452
 LINCOLN COUNTY

SHEET TITLE:
PROPOSED ELEVATION

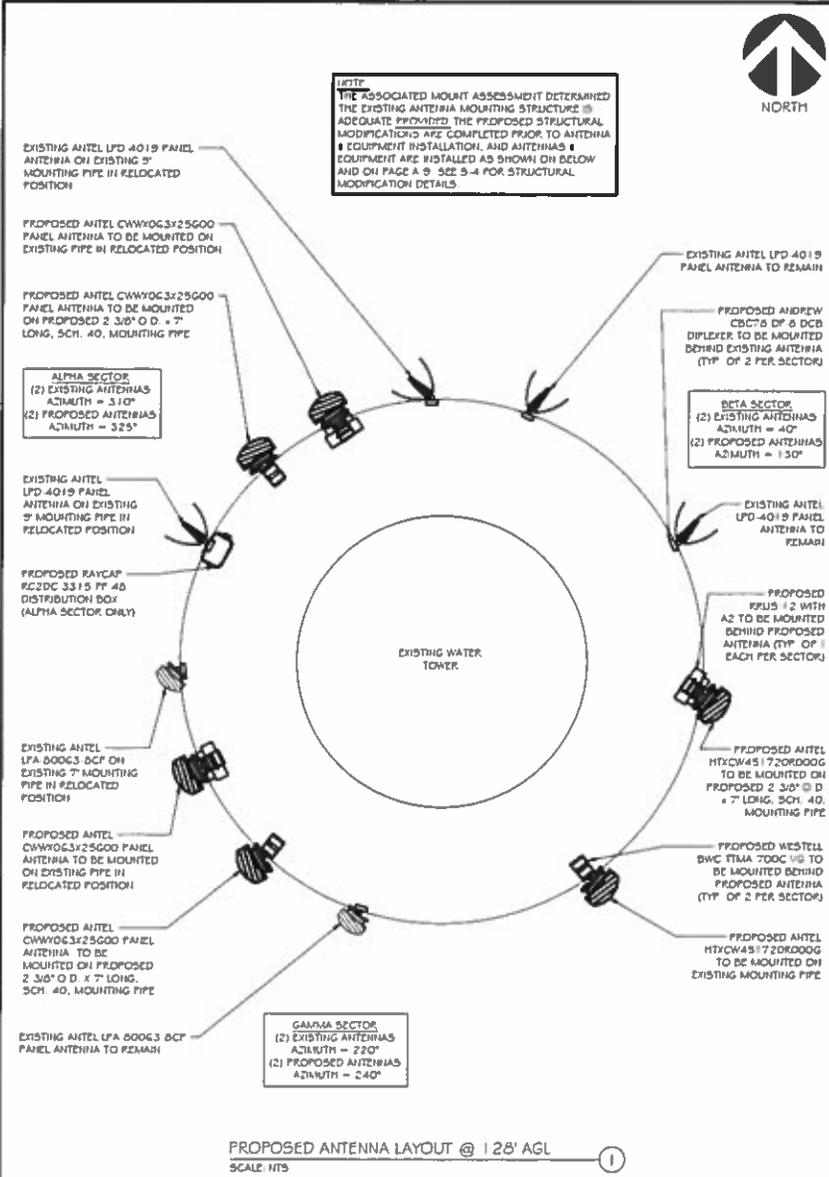
SCALE:
 AS NOTED

PROJECT NUMBER: **28087**
 SHEET NUMBER: **A-4**

THE DISTANCE BETWEEN CONVEYORS IS PROTECTED BY RAMAKER & ASSOCIATES, INC. RAMAKER & ASSOCIATES, INC. RESERVES THE RIGHT TO BE REPRODUCED, REPRODUCED, COPIED, OR REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF RAMAKER & ASSOCIATES, INC.

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1:26000426067/CAD26007 WEST MERRILL AVE.swg Printed by: tmcloaken on Jan 09 2015 @ 3:32pm



EQUIPMENT CHANGE REQUEST FORM - ECR											
Client Name		Merrill West		RF Engineer		Merrill West		Cell ID		AP1200	
Location Number		201220		RF Engineer		Merrill West		Address		City/State/Zip	
Date of Request		7/26/2014		Market		Merrill West		Configuration		Option C7	
PROPOSED CONFIGURATION						Configuration			Option C7		
Sector	Pos	Front	RF Path	Antenna Manufacturer	Antenna Model	Antenna Serial Number	Component	Adjustment	Variable Tilt	Mounting Top	Action
Alpha	A1	L1 (4-1)	U1	U1	U1						
		L2 (4-2)	U2	U2	U2						
	A3	L1 (4-3)	U1	U1	U1						
		L2 (4-4)	U2	U2	U2						
	A3	L1 (4-5)	U1	U1	U1						
		L2 (4-6)	U2	U2	U2						
	A4	L1 (4-7)	U1	U1	U1						
		L2 (4-8)	U2	U2	U2						
Beta	B1	L1 (4-9)	U1	U1	U1						
		L2 (4-10)	U2	U2	U2						
	B3	L1 (4-11)	U1	U1	U1						
		L2 (4-12)	U2	U2	U2						
	B3	L1 (4-13)	U1	U1	U1						
		L2 (4-14)	U2	U2	U2						
	B3	L1 (4-15)	U1	U1	U1						
		L2 (4-16)	U2	U2	U2						
Gamma	G1	L1 (4-17)	U1	U1	U1						
		L2 (4-18)	U2	U2	U2						
	G3	L1 (4-19)	U1	U1	U1						
		L2 (4-20)	U2	U2	U2						
	G3	L1 (4-21)	U1	U1	U1						
		L2 (4-22)	U2	U2	U2						
	G4	L1 (4-23)	U1	U1	U1						
		L2 (4-24)	U2	U2	U2						
Passive Components	Location	Manufacturer	Component Model	Count	Action						
	Top (Platform)	Ericsson	RRU - AWS	3	Install						
	Top (Platform)	Ericsson	RRUS - A2	3	Install						
	Top (Platform)	Veell	BWC-TTMA-700C-VG	6	Install						
	Top (Platform)	Raycap	RCDC-3315-PF-48	1	Install						
	Top (Platform)	Andrew	CBC78-DF-4-DC8	6	Install						
Coax	Sector	Coax Manufacturer	Type	Size	Count	Action					
	Alpha	ANDREW		1 5/8"	4	Final					
Beta	ANDREW		1 5/8"	4	Final						
Gamma	ANDREW		1 5/8"	4	Final						
Hybrid Cable	ANDREW	HFT1208-34826-XXX		1 5/8"	1	Install					

Comments

ALL ANTENNA KETS PER SECTOR WILL BE DAILY CHAINED TOGETHER. RET CONNECTION TO EMB WILL BE VIA TMA AND/OR RRU (RRU IS FIRST CHOICE).

RAMAKER & ASSOCIATES, INC.

1120 Dallas Street, Sauk City, WI 53583
Phone: 608-843-4100 Fax: 608-843-7999
www.Ramaker.com

verizonwireless

1515 WOODFIELD ROAD
SCHAUMBURG, IL 60173

Calculation Sheet

PROJECT: MERRILL WEST
W TAYLOR STREET
MERRILL, WI 54452
LINCOLN COUNTY

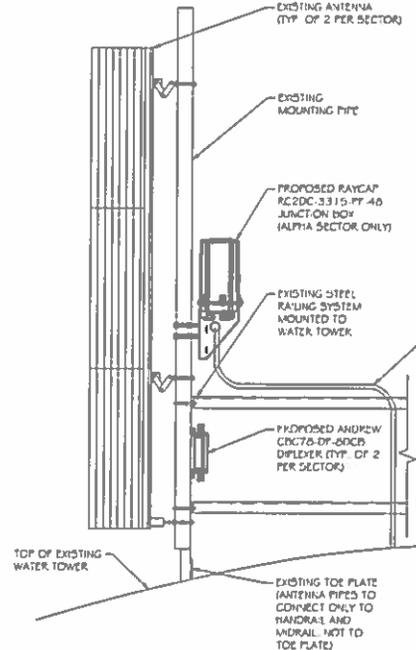
PROJECT TITLE: PROPOSED ANTENNA LAYOUT

SCALE: AS NOTED

DATE: 09/23/2014

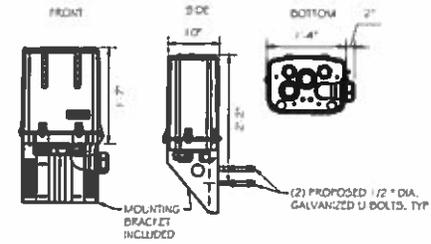
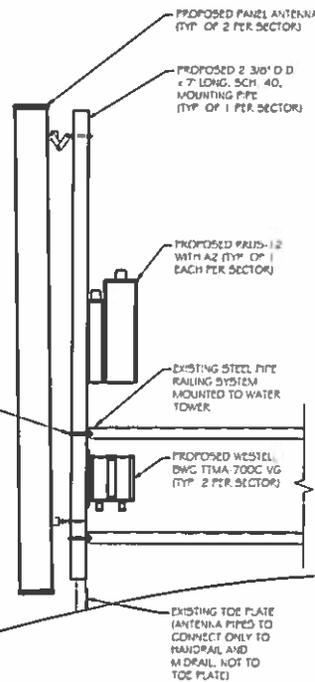
PROJECT NO: 28087

SHEET NO: A-6

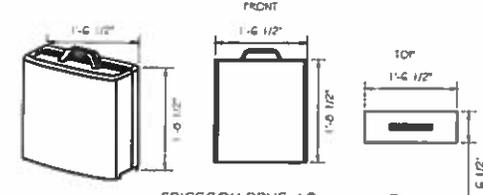


ANTENNA & EQUIPMENT MOUNTING DETAILS 1
 SCALE: NTS

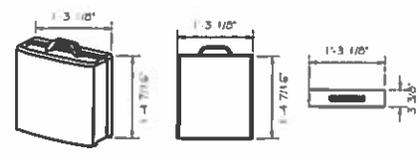
NOTE:
 THE ASSOCIATED MOUNT ASSESSMENT DETERMINED THE EXISTING ANTENNA MOUNTING STRUCTURE IS ADEQUATE PROVIDED THE PROPOSED STRUCTURAL MODIFICATIONS ARE COMPLETED PRIOR TO ANTENNA & EQUIPMENT INSTALLATION, AND ANTENNAS & EQUIPMENT ARE INSTALLED AS SHOWN ON BELOW. SEE S-2 FOR STRUCTURAL MODIFICATION DETAILS.



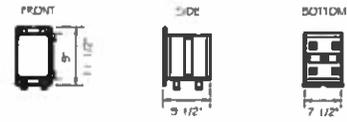
RAYCAP JUNCTION BOX DETAIL - MODEL #RC2DC-3315-PF-40
 SCALE: NTS



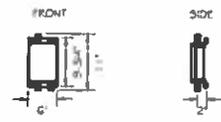
ERICSSON RRUS-12
 SCALE: NTS



ERICSSON RRUS-A2
 SCALE: NTS



WESTELL BWC-TTMA-700C-VG
 SCALE: NTS



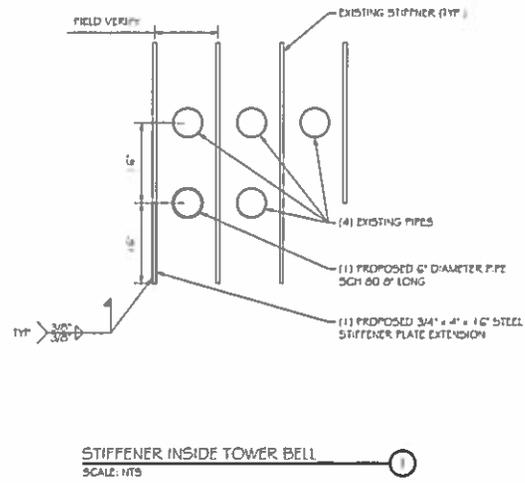
ANDREW CBC78-DF-8-DCB
 SCALE: NTS

RAMAKER & ASSOCIATES, INC.
 1120 Dallas Street, Sauk City, WI 53583
 Phone: 608-843-4100 Fax: 608-843-7999
 www.Ramaker.com

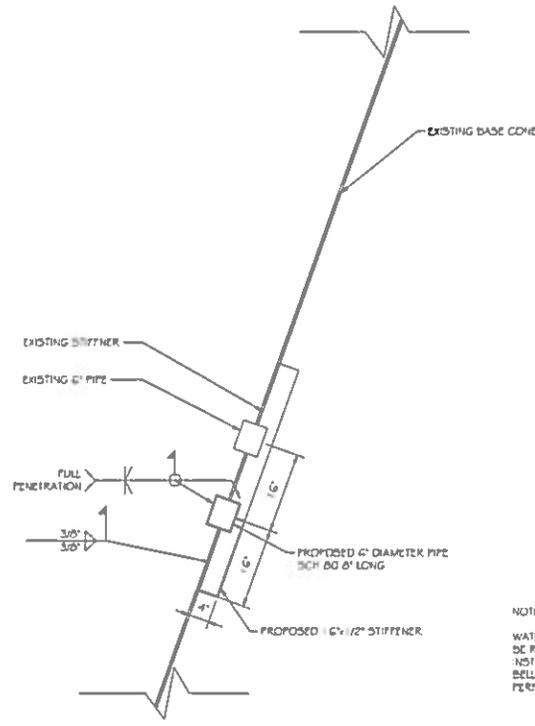
verizon wireless
 1515 WOODFIELD ROAD
 SCHAUMBURG, IL 60173

REV#	DESCRIPTION	DATE
01	STRUCTURAL MODIFICATIONS	
02	REVISIONS	
DATE	PRELIMINARY	09/23/2014
PROJECT NO.:	MERRILL WEST WT (201529)	
PROJECT ADDRESS:	W TAYLOR STREET MERRILL, WI 54452 LINCOLN COUNTY	
SHEET TITLE:	MOUNTING DETAILS	
SCALE:	AS NOTED	
DATE:	28087	
WORK:	A-9	

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STIFFENER INSIDE TOWER BELL
 SCALE: NTS



CABLE PENETRATION AT BASEBELL
 SCALE: NTS

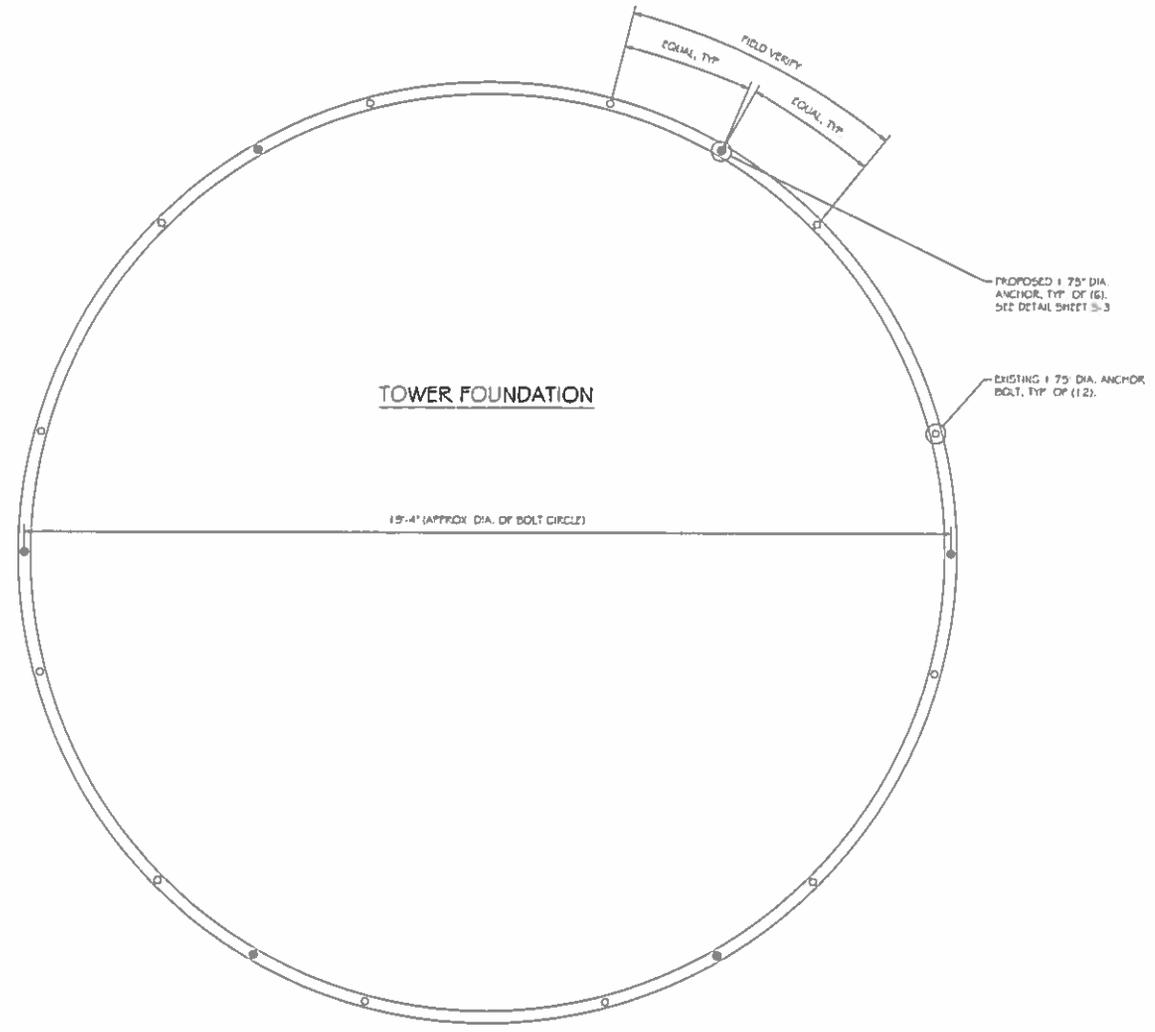
NOTE:
 WATER CAPACITY OF TANK SHOULD BE REDUCED TO 50% OR LESS PRIOR TO THE INSTALLATION OF THE STIFFENERS. SHAF/BELL WALL PENETRATIONS ARE TO BE PERFORMED AFTER STIFFENERS ARE IN PLACE.

R RAMAKER & ASSOCIATES, INC.
 1120 Dallas Street, Sauk City, WI 53583
 Phone: 608-643-4100 Fax: 608-643-7999
 www.Ramaker.com

verizon wireless
 1515 WOODFIELD ROAD
 SCHAMLUNBURG, IL 60173

NO.	REVISED	DESCRIPTION
1	09/15	STRUCTURAL MODIFICATIONS
DATE	PRELIMINARY	
DATE	09/15/2014	
PROJECT NAME:		
MERRILL WEST WT (201529)		
PROJECT DESCRIPTION:		
W TAYLOR STREET MERRILL, WI 54452 LINCOLN COUNTY		
SHEET TITLE:		
STRUCTURAL DETAILS		
SCALE: AS NOTED		
PROJECT NO.	28087	
SHEET NO.	5-1	

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TOWER ANCHORS MOD. PLAN
 SCALE: NTS

REFER TO "STRUCTURAL ASSESSMENT FOR A 123-FOOT WATER TOWER" REPORT BY RAMAKER & ASSOCIATES, INC. DATED JANUARY 7, 2015.

RAMAKER & ASSOCIATES, INC.
 1120 Dallas Street, Sauk City, WI 53583
 Phone: 608-643-4100 Fax: 608-643-7999
 www.Ramaker.com

verizon wireless
 1515 WOODFIELD ROAD
 SCHAUMBURG, IL 60173

REVISIONS	

DATE	DESCRIPTION

MERRILL WEST WT (201529)

PROJECT INFORMATION:
 W TAYLOR STREET
 MERRILL, WI 54452
 LINCOLN COUNTY

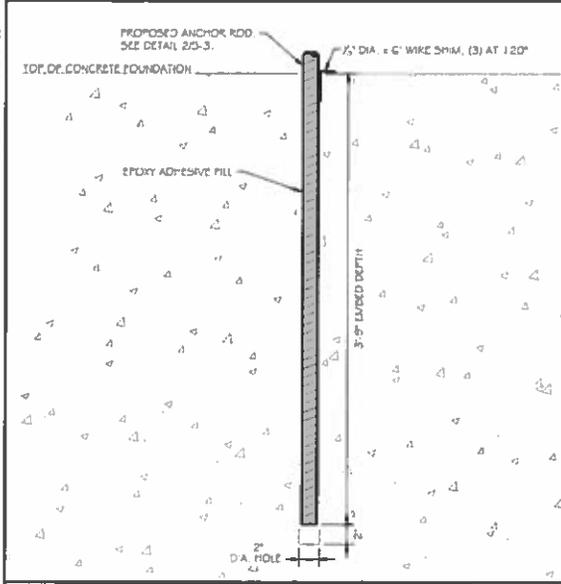
SHEET TITLE:
STRUCTURAL DETAILS

SCALE:
 AS NOTED

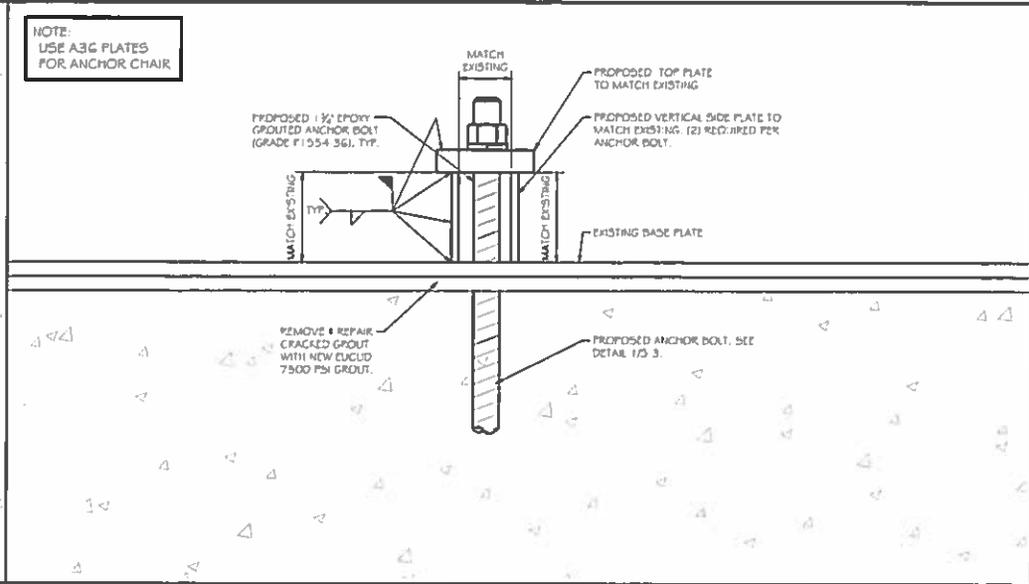
PROJECT NUMBER: **28087**

SHEET NUMBER: **S-2**

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 DRAWN BY: CSB



NOTE:
 USE A36 PLATES
 FOR ANCHOR CHAIR



ANCHOR ROD DETAIL
 SCALE: NTS

ANCHOR GUSSET DETAIL
 SCALE: NTS

APPROVED FOR CONSTRUCTION BY: [Signature]

- GENERAL NOTES:**
- UNLESS OTHERWISE NOTED, REINFORCING ANCHOR RODS SHALL BE ALL #4 THREAD BAR CONFORMING TO ASTM F1554-12.
 - THE TOP PROJECTION + 3" OF EMBEDDED ANCHOR SHALL BE HOT DIP GALVANIZED PER ASTM A153.
 - THE CORE-DRILLED HOLES IN THE CONCRETE FOR THE ANCHOR RODS SHALL BE CLEAN AND DRY, AND OTHERWISE PROPERLY PREPARED ACCORDING TO THE ANCHOR ROD AND EPOXY MANUFACTURER'S INSTRUCTIONS. PRIOR TO PLACEMENT OF ANCHOR RODS AND EPOXY, CONTRACTOR SHALL FOLLOW ALL ANCHOR ROD AND EPOXY MANUFACTURER RECOMMENDATIONS REGARDING HANDLING OF RODS, EPOXY, ACCEPTABLE AMBIENT TEMPERATURE RANGE DURING INSTALLATION AND POST-INSTALLATION CURING, THE EFFECT OF TEMPERATURE ON EPOXY CURING TIME, PREPARATION OF HOLES, PREPARATION OF ANCHOR ETC. THE HOLE IS TO BE DRILLED WITH A FULLNESS TOLERANCE OF .05 PER 1" OF LENGTH.
 - UNLESS OTHERWISE NOTED ON THE DRAWINGS, MULTIPLE RE-500 DR SHADERS 32 IN. AND EPOXY SHALL BE USED TO ANCHOR THE ANCHOR RODS IN THE DRILL HOLES. AS NOTED ABOVE, FOLLOW ALL EPOXY MANUFACTURER RECOMMENDATIONS REGARDING HANDLING OF EPOXY, ACCEPTABLE AMBIENT TEMPERATURE RANGE DURING INSTALLATION AND POST-INSTALLATION CURING, THE EFFECT OF TEMPERATURE ON EPOXY CURING TIME, PREPARATION OF HOLES, ETC.
 - CONTRACTOR SHALL TIGHTEN ALL HEAVY HEX ANCHOR NUTS TO 5/8" TIGHT PLUS .16" TURN OF NUT AFTER FULL STRENGTH OF EPOXY HAS BEEN ACHIEVED PER THE MANUFACTURER'S GUIDELINES.

- GENERAL NOTES:**
- COMPLETE ALL PAINTING AND SURFACE PREPARATION IN STRICT ACCORDANCE WITH APPROVED PAINT MANUFACTURER'S SPECIFICATIONS, AND GOOD PAINTING PRACTICES OF SSPC.
 - ALLOW SUFFICIENT TIME FOR EACH COAT OF PAINT TO DRY AND CURE. ALLOW A MAXIMUM OF TWENTY FOUR (24) HOURS BETWEEN COATS, OR AS REQUIRED BY THE MANUFACTURER.
 - APPLY COATING BY BRUSH AND ROLLER ONLY. SPRAY APPLICATION IS NOT PERMITTED WITHOUT APPROVAL. EVEN WITH PRIOR APPROVAL, RESPONSIBILITY FOR DAMAGE STILL REMAINING WITH THE CONTRACTOR.
 - COATINGS SHALL BE APPLIED USING METHODS TO ELIMINATE ROLLER MARKS IN THE FINISHED PRODUCT ON THE EXTERIOR.
 - ADDITIONAL COATS REQUIRED FOR CORROSION OR TO ELIMINATE ROLLER MARKS ARE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- GENERAL NOTES:**
- CONTRACTOR SHALL PROVIDE ALL SAFETY EQUIPMENT AND FALL PROTECTION TO INSURE THE SAFETY OF ON SITE PERSONNEL DURING CONSTRUCTION.
 - ACCESS TO THE TANK INTERIOR WATER COMPARTMENT SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE WATER DEPARTMENT SUPERVISOR. PRECAUTIONS SHALL BE TAKEN TO PREVENT WATER CONTAMINATION.
 - THE PAINT SYSTEM SHALL BE CHECKED FOR HAZARDOUS METALS. WHERE HAZARDOUS METALS ARE FOUND IN THE PAINT SYSTEM, THE ENVIRONMENT AND WORKERS MUST BE PROTECTED FROM CONTAMINATION.

HOT DIP GALVANIZING:

- HOT-DIP GALVANIZE ALL STRUCTURAL STEEL MEMBERS AND ALL STEEL ACCESSORIES, BOLTS, WASHERS, ETC. PER ASTM A123 OR PER ASTM A153, AS APPROPRIATE.
- PROPERLY PREPARE STEEL ITEMS FOR GALVANIZING.
- DRILL OR PUNCH HOLE ANCHOR ORANGE HOLES AS REQUIRED.
- ALL GALVANIZING SHALL BE DONE AFTER FABRICATION IS COMPLETED AND PRIOR TO FIELD INSTALLATION.

COAT THICKNESS, MIN. D.F.T. MAX. D.F.T.

COAT	THICKNESS	MIN. D.F.T.	MAX. D.F.T.
PRIMER	65	2.0 MILS	3.0 MILS
INTERMEDIATE	65	2.0 MILS	3.0 MILS
TOPCOAT	74	2.0 MILS	3.0 MILS
TOPCOAT	74	2.0 MILS	3.0 MILS
TOTAL		8.0 MILS	11 MILS*

*THE TOTAL MINIMUMS ADD, BUT THE MAXIMUMS DO NOT. THE MAXIMUM CANNOT BE ACHIEVED ON EVERY COAT.

- WATER TANKS PAINT AND WELDING METAL:**
- PAINTING RECOMMENDATIONS:**
- ALL DAMAGED AREAS FROM THE ANTENNA INSTALLATION SHALL BE SPOT CLEANED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS.
 - SPOT CLEAN DAMAGED AREAS, INTERIOR AND EXTERIOR, IN BARE METAL. FEATHER SAND ALL EDGES.
 - ALL GALVANIZED SURFACES SHALL BE ROUGHENED WITH COARSE SAND PAPER AND SOLVENT CLEANED.

- GENERAL WELDING:**
- ALL WELDING SHALL BE IN ACCORDANCE WITH ANNA D100 SEC. 2, WELDING AND SEC. 1.1, "INSPECTION AND TESTING".
 - ALL WELDS TO THE TANK SURFACE SHALL BE MADE WITH E7018 LOW HYDROGEN ROD AND SHALL BE SMOOTH AND FREE OF BURRS AND UNDERCUTS. UNACCEPTABLE WELDS SHALL BE PREPARED AS REQUIRED TO MEET ANNA D100 REQUIREMENTS.
 - NO WELDING SHALL BE DONE WHEN THE AMBIENT TEMPERATURE IS BELOW 32 DEGREE FAHRENHEIT UNLESS THE REQUIREMENTS OF ANNA D100, SEC. 2.1 ARE FOLLOWED.
 - WELDING TO THE TANK OR ACCESS TUBE OUTSIDE THE WATER LEVEL IS NOT PERMITTED. THE WATER LEVEL SHALL BE DRAWN DOWN TO A LEVEL TEN FEET BELOW THE POINT OF WELDING.
 - WELDING MAY CAUSE DISTURBANCE OF THE INTERIOR PAINT OPPOSITE THE WELD. DAMAGED PAINT SURFACES SHOULD BE TOUCHED UP WHEN THE TANK IS TAKEN OUT OF SERVICE FOR ITS ANNUAL "INSPECTION". EXTERIOR PAINT DAMAGE SHALL BE REPAIRED AFTER COMPLETION OF THE ANTENNA INSTALLATION, AND SHALL BE COMPATIBLE WITH THE EXISTING PAINT SYSTEM.
 - GALVANIZED COMPONENTS SHALL NOT BE WELDED DIRECTLY TO THE TANK SURFACE. OTHER GALVANIZED SURFACES SHALL BE GROUND FREE OF GALVANIZING BEFORE WELDING.
 - TUBULAR COLLARS ARE HERMETICALLY SEALED AND MUST NOT BE BREACHED (PUNCTURED) UNDER ANY CIRCUMSTANCES.

- PAINTING RECOMMENDATIONS:**
- DO NOT APPLY PAINT WHEN THE TEMPERATURE, AS MEASURED IN THE SHADE, IS BELOW THE MANUFACTURER'S REQUIRED AMBIENT AND SURFACE TEMPERATURES.
 - DO NOT APPLY PAINT (EXTERIOR OR INTERIOR) TO WET OR DAMP SURFACES, OR DURING RAIN, SNOW, OR FOG.
 - DO NOT APPLY PAINT WHEN IT IS EXPECTED THAT THE RELATIVE HUMIDITY WILL EXCEED 85%, OR THE SURFACE TEMPERATURE IS LESS THAN 5 DEGREES ABOVE DEW POINT, OR THE AIR TEMPERATURE WILL DROP BELOW THE MANUFACTURER'S REQUIREMENTS FOR PROPER CURE. ANTICIPATE DEW OR MOISTURE CONDENSATION, AND IN SUCH CONDITIONS ARE PREVALENT DELAY PAINTING UNTIL THE OWNER IS SATISFIED THE SURFACES ARE DRY.

COAT THICKNESS, MIN. D.F.T. MAX. D.F.T.

COAT	THICKNESS	MIN. D.F.T.	MAX. D.F.T.
PRIMER	FC20-1255	3.0 MILS	5.0 MILS
INTERMEDIATE	FC20-1255	3.0 MILS	5.0 MILS
TOTAL		6.0 MILS	10 MILS*

*THE TOTAL MINIMUMS ADD, BUT THE MAXIMUMS DO NOT. THE MAXIMUM CANNOT BE ACHIEVED ON EVERY COAT.

1. EACH COAT SHALL BE THE COLOR SPECIFIED AND SHALL BE APPROVED BY ENGINEER.

1. REFER TO "STRUCTURAL ASSESSMENT FOR A 123-FOOT WATER TOWER" REPORT BY RAMAKER & ASSOCIATES, INC. DATED JANUARY 7, 2015.

RAMAKER & ASSOCIATES, INC.
 1120 Dallas Street, Sauk City, WI 53583
 Phone: 608-643-4100 Fax: 608-643-7999
 www.Ramaker.com

verizon wireless
 1515 WOODFIELD ROAD
 SCHAUMBURG, IL 60173

CONTRACT NO. 09-03-0007

NO.	DATE	DESCRIPTION
1	09/23/2014	STRUCTURAL MODIFICATIONS
2		
3		
4		
5		
6		
7		
8		
9		
10		

PROJECT TITLE:

MERRILL WEST WT (201527)

PROJECT INFORMATION:

W TAYLOR STREET
 MERRILL, WI 54452
 LINCOLN, COUNTY

SHEET TITLE:

STRUCTURAL DETAILS

SCALE: AS NOTED

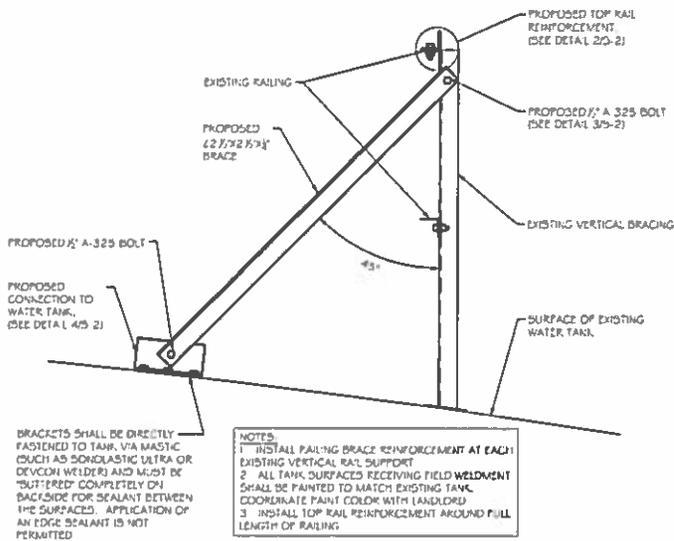
DATE: 09/23/2014

PROJECT NUMBER: 28087

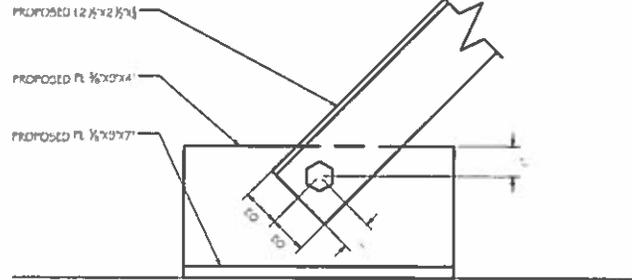
SHEET NUMBER: 5-3

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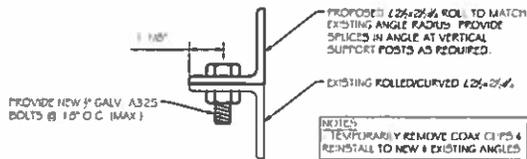
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PROPOSED TOWER CORRAL BRACING DETAIL (1)
 SCALE: NTS



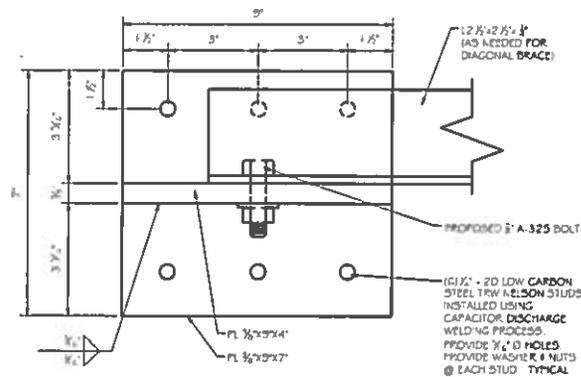
SIDE VIEW - BRACKET DETAIL (4)
 SCALE: NTS



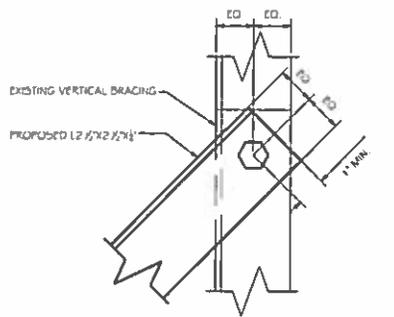
TOP RAIL MODIFICATION DETAIL (2)
 SCALE: NTS

STUD WELD NOTES:

- SURFACES RECEIVING STUDS SHALL BE FLAT, SMOOTH & CLEAN. SURFACE IMPERFECTIONS & EXTREME ROUGHNESS SHALL BE Sanded SMOOTH & FLAT. THE SURFACE SHALL BE FREE FROM PAINT, PRIMER, EXCESSIVE OIL, GREASE & OTHER LUBRICANTS & FROM RUST, MILL SCALE & OTHER DIRT.
- ALL STUDS SHALL BE INSTALLED PERPENDICULAR TO TANK SURFACE AT CENTER OF FLATE.
- ALL STUDS SHALL BE INSTALLED USING WELDERS & HANDGUNS APPROVED BY TRW NELSON STUD WELDING DIVISION, ELYRIA, OH (216-329-0400)
- ALL BOLTS AND NUTS SHALL BE TAGGED WITH GLAZED AND WEATHERPROOF 'DO NOT HAND OUT' SIGNS AND STICKERS.
- THE STUD WELDER SHALL HAVE PREVIOUS EXPERIENCE USING CAPACITOR DISCHARGE WELDING TO ATTACH STUD ANCHORS ONTO EXISTING WATER TOWER FACILITIES.



TOP VIEW - BRACKET DETAIL PLAN (5)
 SCALE: NTS



RAILING REINFORCEMENT DETAIL (3)
 SCALE: NTS



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1515 WOODFIELD ROAD
 SCHAUMBURG, IL 60173

REV	DESCRIPTION
1	STRUCTURAL MODIFICATIONS
DATE	DESCRIPTION
PRELIMINARY	09/23/2014

MERRILL WEST WT (201529)

PROJECT INFORMATION:
 W TAYLOR STREET
 MERRILL, WI 54452
 LINCOLN COUNTY

STRUCTURAL DETAILS

SCALE AS NOTED

PROJECT NUMBER 28087
 SHEET NUMBER S-4

EXHIBIT E
Structural Assessment

(see attached)



RAMAKER & ASSOCIATES, INC.

STRUCTURAL ASSESSMENT - 123-FOOT WATER TOWER

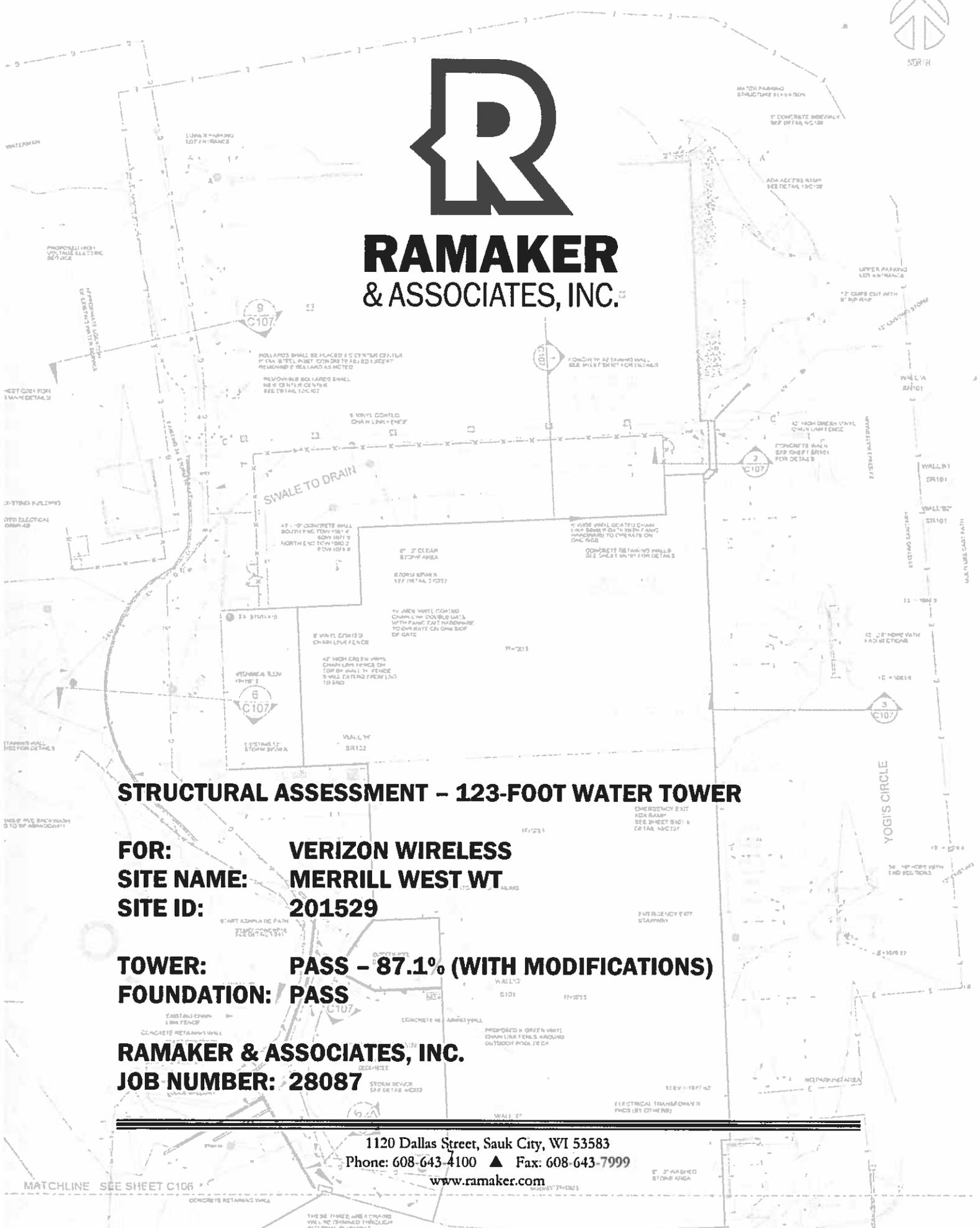
FOR: VERIZON WIRELESS
SITE NAME: MERRILL WEST WT
SITE ID: 201529

TOWER: PASS - 87.1% (WITH MODIFICATIONS)
FOUNDATION: PASS

RAMAKER & ASSOCIATES, INC.
JOB NUMBER: 28087

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MATCHLINE SEE SHEET C106



MERRILL WEST WT (201529)

SITE: Merrill West WT (201529)
W. Taylor Street
Merrill, Lincoln County, Wisconsin 54452

PREPARED FOR: Verizon Wireless
1515 Woodfield Rd.
Schaumburg, IL 60173

CONTACT PERSON: Candice DeGeorge
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1515 Woodfield Rd.
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PREPARED BY: Ramaker & Associates, Inc.
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RAMAKER JOB NUMBER: 28087

DATE OF REPORT ISSUANCE: January 9, 2015



Thomas E. Moore, P.E.
Project Engineer

1/9/15
Date



TABLE OF CONTENTS

EXECUTIVE SUMMARY3

INTRODUCTION.....4

 2.1 PROJECT INFORMATION

 2.2 PURPOSE OF REPORT

 2.3 SCOPE OF SERVICES

MODEL DEVELOPMENT5

 3.1 INTRODUCTION

 3.2 STRUCTURE INFORMATION

 3.3 TOWER LOADING

 3.4 WIND AND ICE LOAD

ANALYSIS RESULTS6

 4.1 ANALYSIS RESULTS

 4.2 BASE REACTIONS

LIMITATIONS.....7

REFERENCES.....8

- LIST OF APPENDICES**
- A. TOWER CALCULATIONS
 - B. TOWER MODIFICATION DETAILS

SECTION 1
EXECUTIVE SUMMARY

This report summarizes the structural analysis conducted by Ramaker & Associates, Inc. (RAMAKER) for Verizon Wireless (Verizon), who intends to install additional equipment on an existing 123-foot water tower.

Verizon is proposing to remove two (2) existing Andrew DBXNH-6565B-VTM panel antennas and one (1) CSS X7C-FRO-640-V-04 panel antenna, and then install four (4) Amphenol CWX063X25G00 panel antennas, two (2) Antel HTXCW451720x000 panel antennas, three (3) Ericsson RRUS-12 with attached RRUS-A2 units, one (1) Raycap RC2DC-3315-PF-48 distribution box, three (3) Westell BWC-TTMA-700C-VG TMAs and six (6) Andrew CBC78-DF-8-DCB diplexers. The proposed antennas shall be installed at a centerline elevation of 128 feet AGL. The proposed antennas and equipment shall be mounted on the existing/proposed mounting structure per the associated mount assessment and construction drawings by RAMAKER.

This analysis pertains only to the tower structure, and no analyses or conclusions were made regarding the existing/proposed antenna and equipment mounting structure(s). Analysis and certification of the existing/proposed antenna and equipment mounting structure(s) is performed and submitted separately.

The water tower requires modifications. Additional anchors bolts, of the same size, shall be installed around the water tower at the foundation level. Details of the installation are contained within the associated construction drawings by RAMAKER.

Results of our analysis show that the tower will be stressed to a maximum of 87.1 percent of capacity under proposed loading conditions. The foundation was analyzed and the bearing pressure was determined to increase by 6.58 percent with all appurtenances added to the tank. There is a small uplift at the end of the ring foundation, but it was determined to be acceptable. The existing foundation was determined to provide adequate strength under proposed loading conditions.

In summary, the modified tower will provide adequate support and the foundation will provide adequate support under proposed loading conditions.

SECTION 2 INTRODUCTION

2.1 PROJECT INFORMATION

This report summarizes the structural analysis conducted by RAMAKER for Verizon, who intends to install additional equipment on an existing water tower.

2.2 PURPOSE OF REPORT

The purpose of this report is to determine if the existing structure(s) will provide adequate support for the existing and proposed tower loading. Recommendations regarding the analysis results, loading configuration, and structural modifications are also provided.

2.3 SCOPE OF SERVICES

RAMAKER performed calculations to determine the effects of the existing and proposed loading conditions on the existing tower structure. Subsequently, this report was drafted to provide our engineering recommendations. All information contained herein is valid only for the described structure configuration and loading conditions. RAMAKER reserves the right to modify our recommendations should alterations to the tower loading occur.

SECTION 3
MODEL DEVELOPMENT

3.1 INTRODUCTION

RAMAKER developed calculations for the tower superstructure. Required static loads consisting of the antenna configuration, wind forces, ice loads, and linear appurtenances (including cable loads) were included in the calculations. As a result, tower forces, allowable capacities, and base reactions were computed. Additionally, potentially overstressed structural components were identified.

3.2 STRUCTURE INFORMATION

Existing structure information was gathered from:

- Original tower drawings by CB&I, contract No. 91568, dated May 8, 1979.

3.3 TOWER LOADING

RAMAKER understands that the tower loading to be used for this analysis will consist of the existing and proposed antenna, mount, and cable configurations as shown in the following chart:

Elevation	Appurtenance	Mount	Coax	Owner	Status
138	(1) 20' Omni	Top of Tank	(1) 7/8	Municipal	Existing
128	(2) Andrew DBXNH-6565B-VTM	* Platform * Mount	(12) 1-5/8 (1) Hybrid	Verizon	Remove
	(1) CSS X7C-FRO-640-V-04				
	(4) Antel LPD-4019				
	(2) Antel LPA-80063-8CF				Existing
	(4) Amphenol CWX063X25G00				Proposed
	(2) Antel HTXCW451720x000				
	(6) Westell BWC-TTMA-700C-VG				
	(3) Ericsson RRUS-12 w/A2				
	(1) Raycap RC2DC-3315-PF-48				
(6) Andrew CBC78-DF-8-DCB					
125	(1) Dual Avoidance Beacon	Top of Tank	(1) 1/2	Tower	Existing

* See associated mount assessment and construction drawings by RAMAKER for existing/proposed mounting structure requirements

3.4 WIND AND ICE LOAD

Wind forces used in structural calculations are in compliance with the TIA-222-G Standard and the ANSI/AWWA D100 Standard. These guidelines call for an analysis to be performed, which assumes a basic wind speed (3-second gust) of 90 miles-per-hour (mph) without ice in Lincoln County. The tower was analyzed using the following parameters: Structure Class III and Exposure Category C.

SECTION 4
ANALYSIS RESULTS

4.1 ANALYSIS RESULTS

The tower superstructure was analyzed with the combined existing and proposed antenna loading. The computed maximum tower component stress capacities are as follows:

Component Type	Percent Capacity
Ball	87.1
Shaft	86.8
Bell	52.3
Anchor Bolt (as modified)	71.8
RATING =	87.1

4.2 BASE REACTIONS

The computed maximum reactions are as follows:

Load Type	Proposed Model
Axial (k)	1794.5
Shear (k)	36.6
Moment (k-ft)	2996.6

The foundation was analyzed under proposed loading conditions and the bearing pressure was determined to increase by 6.58 percent with all appurtenances added to the tank. There is a small uplift at the end of the ring foundation, but it was determined to be acceptable. The existing foundation was determined to provide adequate strength under proposed loading conditions.

SECTION 5 LIMITATIONS

The recommendations contained within this report were developed using general project information provided by the owner, tower manufacturer, general field observations, reference information and laboratory testing data, as applicable. All recommendations pertain only to the proposed tower construction, location, and loading as described in this report. RAMAKER assumes no responsibility for failures caused by factors beyond our control. These include but are not limited to the following:

1. Missing, corroding, and/or deteriorating components
2. Improper manufacturing and/or construction
3. Improper maintenance

RAMAKER assumes no responsibility for modifications completed prior to or hereafter in which RAMAKER was not directly involved. These modifications include but are not limited to the following:

1. Replacing or strengthening tower components
2. Installing or removing antenna mounting components
3. Changing loading configurations

Furthermore, RAMAKER hereby states that this document represents the entire report and that it assumes no liability for any factual changes that may occur after the date of this report. All representations, recommendations and conclusions are based on the information contained and set forth herein. If you are aware of any information contrary to that contained herein, or if you are aware of any defects arising from the original design, material, fabrication and erection deficiencies, you should disregard this report and immediately contact RAMAKER. RAMAKER isn't liable for any representation, recommendation or conclusion not expressly stated herein.

The tower owner is responsible for verifying that the existing loading on the tower is consistent with the loading applied to the tower within this report.

SECTION 6
REFERENCES

1. 2009 International Building Code.
2. Telecommunications Industries Association, Structural Standard for Antenna Supporting Structures and Antennas, TIA Standard ANSI/TIA-222-G 2005, Washington, D.C.
3. American Water Works Association, Welded Carbon Steel Tanks for Water Storage, ANSI/AWWA D100, Denver, CO

APPENDIX A
TOWER CALCULATIONS



1120 Dallas Street
 Sauk City, WI 53583
 Phone: (608) 643-4100

Job: Merrill West WT
 Project: 28087
 By: TEM
 Date: 1/7/2015

Water Tower Information

AWWA D100-05

Tank Class	2		Tank Exposure	C	
Water tank capacity	200,000	gal	Tank Basic Wind Speed	90	mph
Ball Diameter	40.5000	ft	Tank Importance Factor	1.15	
Ball Height	36.7500	ft	Tank Gust Effect Factor	1.00	
Ball Thickness Upper Half (Avg)	0.1875	in	Access Tube (added weight to Wt ball)		
Ball Thickness Lower Half (Avg)	0.4720	in	Access Tube OD	3.5	ft
Ball CL Height	106.4438	ft	Access Tube Thickness	0.25	in
Shaft OD (Avg)	8.5802	ft	Access Tube Length	37	ft
Shaft ID (constant for entire length)	8.5000	ft			
Shaft Length	69.3958	ft			
Shaft CL Height	51.8021	ft	Wt Ball	69.121	kips
Top of Shaft Thickness	0.4480	in	Wt Shaft	36.568	kips
Bottom of Shaft Thickness	0.5140	in	Wt Bell	14.215	kips
Bell Outside Diameter (Base)	19.0000	ft	Misc DL	4.135	kips
Bell Inside Diameter (Base)	18.9228	ft	Base Plate, Riser, Overflow, Ladders, etc. = 3.4%		
Bottom of Bell Thickness	0.4630	in	of (Wtball + Wtshaft + Wtbell)		
Bell Height	16.6042	ft			
Bell CL Height	7.7614	ft			
Number of Anchor Bolts	12				
Anchor Bolt Diameter	1.7500	in			
Anchor Bolt Type	A36				
Bolt Circle Diameter	19.3333	ft			
Base Height Above Ground	0.5000	ft			
Overall Tank Height	123.2500	ft			

Tank Wind Loads

Member	Elevation (ft)	Kz	Cf	Pressure (psf)	Area (ft ²)	Force (lb)	Force (kip)
Ball	106.44	1.284	0.500	15.31	1081.54	16559.98	16.56
Shaft	51.80	1.096	0.600	18.00	595.43	10717.70	10.72
Bell	7.76	1.090	0.500	15.00	229.02	3435.28	3.44
Total						30712.95	30.71
Antenna/Handrail/Mount						5860.80	5.86
Antenna/Handrail/Mount + Tank Wind Forces						36573.76	36.57
Percent Increase with Appurtenances						19.1%	19.1%

Tank Moment Analysis

Moment Location	Shaft Top	Shaft Bot.	Bell Bot.	Foundation
Moment Elevation	86.50	17.10	0.50	0.00 ft
Ball	330.27	1479.46	1754.43	1762.71 k-ft
Shaft	0.00	371.88	549.84	555.20 k-ft
Bell	0.00	0.00	24.94	26.66 k-ft
Total	330.27	1851.34	2329.21	2344.57 k-ft
Antenna/Handrail/Mount	206.02	563.84	649.46	652.04 k-ft
Antenna/Handrail/Mount + Tank Forces	536.29	2415.19	2978.67	2996.61 k-ft
Percent Increase with Appurtenances	62.4%	30.5%	27.9%	27.8%

Tank Axial Loads

Water Weight	1668.33 k
Tank Steel Weight	124.04 k
Antenna/Handrail/Mount	2.17 k
Total	1794.54 k

	Full	Empty
Top of Shaft	1742.01	73.68 kip
Bottom of Shaft	1779.84	111.51 kip
Bottom of Bell	1794.54	126.21 kip
Antenna/Handrail/Mount	2.17	2.17 kip
Percent Increase	0.12%	1.75%

Check Stresses	Top of Shaft	Bottom of Shaft	Bottom of Bell			
Radius (center of plate)	51.2240 in	51.2570 in	113.7685 in			
Thickness	0.4480 in	0.5140 in	0.4630 in			
Area	144.19 in ²	165.54 in ²	330.97 in ²			
Section Modulus	3693.0 in ³	4242.5 in ³	18826.7 in ³			
Inertia	189168.3 in ⁴	217456.6 in ⁴	2141889.0 in ⁴			
fa (full tank)	12081.5 psi	10751.9 psi	5422.1 psi			
fb (with appurtenances)	1742.6 psi	6831.5 psi	1898.6 psi			
(t/R)c	0.003537	0.003537	0.003537			
t/R	0.008746	0.010028	0.004070			
F _L	14673.9 psi	15809.7 psi	10530.7 psi			
C' _c	139.66	134.55	164.86			
Radius of gyration	36.22 in	36.24 in	80.45 in			
KL/r	45.98	45.95	4.95			
K _φ	0.945801	0.941681	1.000000			
Fa	13878.6	87.1%	14887.7	72.2%	10530.7	51.5%
Fb	14673.9	11.9%	15809.7	43.2%	10530.7	18.0%
fa / 1.33 Fa + fb / 1.33 Fb	OK	74.4%	OK	86.8%	OK	52.3%
Maximum Stress	OK	87.1%	OK	86.8%	OK	52.3%

Check Anchor Bolts

Number of Bolts	12
Bolt Diameter	1.750 in
Tensile Diameter	1.555 in
Tensile Area	1.899 sq in
Bolt Circle Diameter	19.333 ft
Allowable Stress	15.00 ksi

	Tank Only	w/Appurt.	
Moment at Base	2329.21	2978.67 k-ft	
Bolt Tension w/Water	-109.21	-98.19 k	(negative = no anchor tension)
Percent Water Removed	100%	100%	(check empty tank condition)
Bolt Tension w/Water Removed	29.82	40.84 k	(Eqn. 3-41)
Allowable Tension	37.89	37.89 k	(See Table 4)
Capacity	78.7%	107.8%	<u>Overstress > 105%, NOT OK</u>

Appurtenance Overturning Moment

Location	Quantity	Appurt. Elevation (ft)	Top of Shaft (k-ft)	Bottom of Shaft (k-ft)	Bottom of Bell (k-ft)	At Foundation (k-ft)
Elevation			86.50 ft	17.10 ft	0.50 ft	0.00 ft
L2-1/2X2-1/2X1/4 x 21.83 ft	2	125.42	13.57	37.77	43.57	43.74
L2-1/2X2-1/2X1/4 x 21.83 ft	2	123.66	12.92	37.05	42.82	43.00
PL 4x1/4 x 21.83 ft	2	122.00	19.69	58.19	67.40	67.68
L2-1/2X2-1/2X1/4 x 3.442 ft	14	123.50	12.19	35.05	40.52	40.69
LPD-4019-EDIN-X	4	128.00	53.77	143.68	165.19	165.84
LPA-80063-8CF-EDIN-X	2	128.00	22.15	59.20	68.06	68.33
20' Omni	1	128.00	5.33	14.23	16.37	16.43
HTXCW451720x000	2	128.00	18.97	50.70	58.29	58.52
CWX063X25x00	4	128.00	33.60	89.77	103.22	103.62
BWC-TTMA-700C-VG	6	128.00	3.25	8.68	9.98	10.02
RRUS-12 w/A2	3	125.00	6.37	17.85	20.60	20.68
RCMDC-3315-PF-48	1	126.00	2.76	7.61	8.77	8.81
CBC78-DF	6	125.00	1.45	4.05	4.68	4.70
Total Appurtenance OTM (k-ft)			206.02	563.84	649.46	652.04

Summary of Analysis

<u>Location</u>	<u>Capacity</u>		
Top of Shaft	87.1%	Total Shear Increase	19.1%
Bottom of Shaft	86.8%	Base Moment Increase	27.9%
Bottom of Bell	52.3%		
Anchor Bolt	107.8%	Existing Condition	
Anchor Bolt Mods	71.8%	Proposed Condition - See Modifications	
Overall Capacity	87.1%		

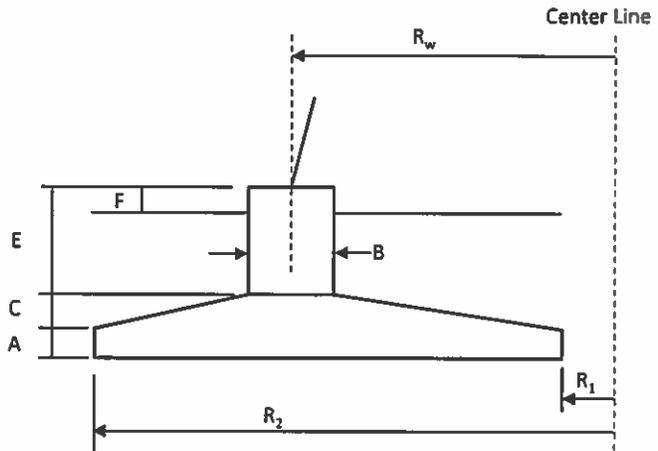
<u>Total Forces</u>	<u>Appurt</u>	<u>Tank</u>	<u>Total</u>	
Total Axial w/o Water	2.17	124.04	126.21	kip
Total Axial w/Water	2.17	1792.37	1794.54	kip
Total Shear	5.86	30.71	36.57	kip
Total Moment @ Anchors	649.46	2329.21	2978.67	kip-ft
Total Moment @ Ground	652.04	2344.57	2996.61	kip-ft

Ringwall Foundation Analysis

Site: Merrill West WT
 Job: 28087
 By: TEM
 Date: 1/7/15

Dimensions

Rw	9.500 ft
R1	3.500 ft
R2	13.500 ft
F	0.500 ft
E	9.250 ft
C	0.917 ft
A	0.833 ft
B	1.167 ft



Weights

Soil	100 pcf
Concrete	145 pcf
Net Bearing (assumed)	4000 psf
Snow	28.2 psf
Floor Thick.	0.42 ft
Tank Dia.	40.50 ft

Axial Forces

Tank	124.04 kip	232.3 psf	Base Area	534.1 ft ²
Water	1668.33 kip	3123.8 psf	Base Inertia	25969.2 ft ⁴
Equipment	2.17 kip	4.1 psf	Base Section Mod.	1923.6 ft ³
Snow	16.13 kip	30.2 psf		
Water in Tank	100.0% 1668.33 kip	3123.8 psf		
Concrete	199.3 kip	373.1 psf	Soil Weight	1050 psf
Soil and Floor	439.6 kip	823.1 psf	Soil Weight + Bearing	5050 psf
			Soil Weight + Bearing * 4/3	6383 psf

Wind Forces at Anchors

	Tank	Prop.		
Wind Shear	30.7	36.6 kip	Reduce OTM w/P. Pressure	Y
Empty Moment	2329.2	2978.7 kip-ft		
Full Moment	2329.2	2978.7 kip-ft	Anchor Quantity	12
Base Empty Mom.	2505.8	3189.0 k-ft	Anchor Bolt Circle	19.33 ft
Base Full Mom.	2505.8	3189.0 k-ft		

Load Type		P / A (psf)	M / S (psf)	Resultant (psf)	Capacity
Tank Empty	Tank	1428.5		1428.5	28.3% OK
Tank Full	Tank	4556.3		4556.3	90.2% OK
Tank Full w/Snow	Tank	4586.6		4586.6	90.8% OK
Tank Empty w/Wind	Tank	1428.5	+ 1302.6	2731.1	42.8% OK
		1428.5	- 1302.6	125.8	2.0% OK
Tank Full w/Wind	Tank	4556.3	+ 1302.6	5859.0	91.8% OK
		4556.3	- 1302.6	3253.7	51.0% OK
Tank Empty w/Wind	Proposed	1458.7	+ 1657.8	3116.5	48.8% OK
		1458.7	- 1657.8	-199.1	
Tank Full w/Wind	Proposed	4586.6	+ 1657.8	6244.3	97.8% OK
		4586.6	- 1657.8	2928.8	45.9% OK
Anchor Distance		23.17 ft		Bearing Pressure Increase	6.58%
Bearing Distance		25.38 ft		Check Bearing Distance	OK

Job **Merrill West WT**
 Project **28087**
 Date **1/7/15**

Anchor Bolt Circle **19.333 ft**
 Anchor Quantity **12**
 Initial Angle **0 deg**

Anchor Quantity **6**

Original Anchors

Number	Theta	Sin Theta	D^2
1	0.00	0.000	0.00
2	30.00	0.500	23.36
3	60.00	0.866	70.08
4	90.00	1.000	93.44
5	120.00	0.866	70.08
6	150.00	0.500	23.36
7	180.00	0.000	0.00
8	210.00	-0.500	23.36
9	240.00	-0.866	70.08
10	270.00	-1.000	93.44
11	300.00	-0.866	70.08
12	330.00	-0.500	23.36

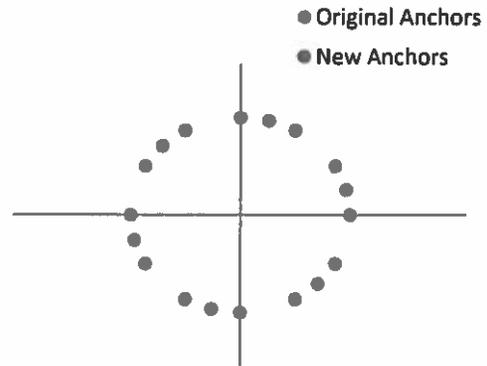
New Anchors

Number	Theta	Sin Theta	D^2
1	15.00	0.259	6.26
2	75.00	0.966	87.18
3	135.00	0.707	46.72
4	195.00	-0.259	6.26
5	255.00	-0.966	87.18
6	315.00	-0.707	46.72

560.67

280.33

Tank Empty Moment w/Appurt. **2978.7** k-ft
 Axial Force Empty w/Appurt. **126.2** k
 Anchor Type **A36**
 Anchor Diameter **1.75** in
 Allowable Capacity **Tensile** 37.89 k



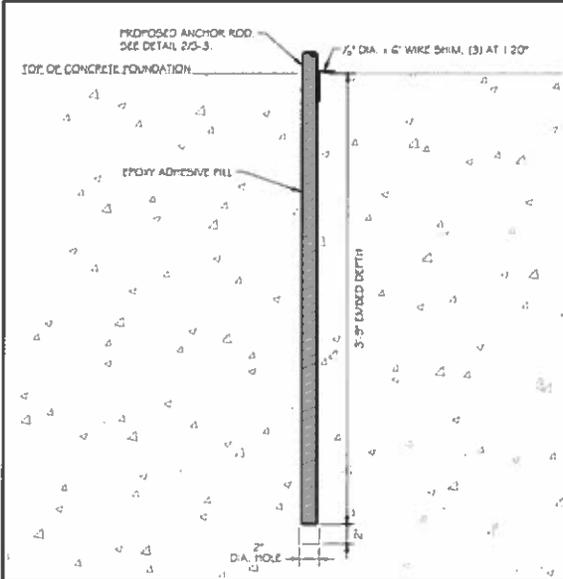
Original Section Mod. **58.0**
 Added Section Mod. **29.0** ft
 Total Section Mod. **87.0** ft

		<u>Anchors</u>	<u>Comp.</u>
Existing Condition	W/N =	12	10.52
Proposed Condition	W/N =	18.00	7.01

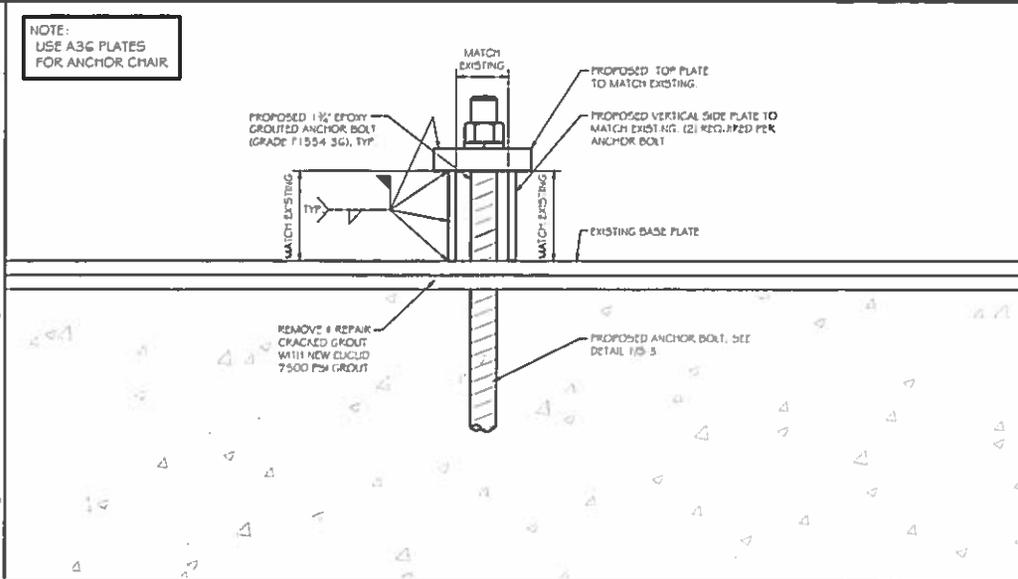
		<u>Ten.</u>	<u>Tot. Ten.</u>	<u>% Allow.</u>	
Existing Condition	M/SM =	-51.36	-40.84	107.8%	EXISTING, NO GOOD
Proposed Condition	M/SM =	-34.24	-27.23	71.8%	PROPOSED, OK

APPENDIX B

TOWER MODIFICATION DETAILS



ANCHOR ROD DETAIL
SCALE: 1/4\"/>



ANCHOR GUSSET DETAIL
SCALE: 1/4\"/>

NOTE:
USE A36 PLATES
FOR ANCHOR CHAIR

GENERAL NOTES:

- UNLESS OTHERWISE NOTED, REINFORCING ANCHOR RODS SHALL BE ALL #3 BARS CONFORMING TO ASTM F1554-04.
- THE TOP PROJECTION + 3" OF EMBEDDED ANCHOR SHALL BE HOT DIP GALVANIZED PER ASTM A153.
- THE CORE-DRILLED HOLES IN THE CONCRETE FOR THE ANCHOR RODS SHALL BE CLEAN AND DRY, AND OTHERWISE PROPERLY PREPARED ACCORDING TO THE ANCHOR ROD AND EPOXY MANUFACTURER'S INSTRUCTIONS. PRIOR TO PLACEMENT OF ANCHOR RODS AND EPOXY, CONTRACTOR SHALL FOLLOW ALL ANCHOR ROD AND EPOXY MANUFACTURER RECOMMENDATIONS REGARDING HANDLING OF RODS, EPOXY, ACCEPTABLE AMBIENT TEMPERATURE RANGE DURING INSTALLATION AND POST-INSTALLATION CURING, THE EFFECT OF TEMPERATURE ON EPOXY CURING TIME, PREPARATION OF HOLES, PREPARATION OF ANCHOR RODS, ETC. THE HOLE IS TO BE DRILLED WITH A PLUS/MINUS TOLERANCE OF ± PER 12" OF LENGTH.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, EPOXY SHALL BE EPOXY 8215-100 OR EPOXY 8215-100 WOOD EPOXY SHALL BE USED TO ANCHOR THE ANCHOR ROD IN THE DRILL HOLES. AS NOTED ABOVE, FOLLOW ALL EPOXY MANUFACTURER RECOMMENDATIONS REGARDING HANDLING OF EPOXY, ACCEPTABLE AMBIENT TEMPERATURE RANGE DURING INSTALLATION AND POST-INSTALLATION CURING, THE EFFECT OF TEMPERATURE ON EPOXY CURING TIME, PREPARATION OF HOLES, ETC.
- CONTRACTOR SHALL TIGHTEN ALL HEAVY HEX ANCHOR NUTS TO SHAG RIGT PLUS 1/2 TURN OF NUT AFTER FULL STRENGTH OF EPOXY HAS BEEN ACHIEVED PER THE MANUFACTURER'S GUIDELINES.

HOT DIP GALVANIZING:

- HOT-DIP GALVANIZE ALL STRUCTURAL STEEL MEMBERS AND ALL STEEL ACCESSORIES, BOLTS, WASHERS, ETC. PER ASTM A123 OR PER ASTM A152, AS APPROPRIATE.
- PREFERENTIALLY PREPARE STEEL ITEMS FOR GALVANIZING.
- DRILL OR PUNCH WEEP ANCHOR DRAINAGE HOLES AS REQUIRED.
- ALL GALVANIZING SHALL BE DONE AFTER FABRICATION IS COMPLETED AND PRIOR TO FIELD INSTALLATION.

WATER TOWER PAINT AND WELDING NOTES:

- ALL DAMAGED AREAS FROM THE ANTENNA INSTALLATION SHALL BE SPOT CLEANED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTION.
- SPOT CLEAN DAMAGED AREAS, INTERIOR AND EXTERIOR, IN BARE METAL, FEATHER SAND ALL EDGES.
- ALL GALVANIZED SURFACES SHALL BE ROUGHENED WITH COARSE SAND PAPER AND SOLVENT CLEANED.

PAINT APPLICATIONS:

- DO NOT APPLY PAINT WHEN THE TEMPERATURE, AS MEASURED IN THE SHADE, IS BELOW THE MANUFACTURER'S REQUIRED AMBIENT AND SURFACE TEMPERATURES.
- DO NOT APPLY PAINT (INTERIOR OR EXTERIOR) TO WET OR CLAMP SURFACES, OR DURING RAIN, SNOW, OR FOG.
- DO NOT APPLY PAINT WHEN IT IS EXPECTED THAT THE RELATIVE HUMIDITY WILL EXCEED 90%, OR THE SURFACE TEMPERATURE IS LESS THAN 5 DEGREES ABOVE DEW POINT, OR THE AIR TEMPERATURE WILL DROP BELOW THE MANUFACTURER'S REQUIREMENTS FOR PROPER CURE. ANTICIPATE DEW OR MOISTURE CONDENSATION, AND IF SUCH CONDITIONS ARE PREVALENT DELAY PAINTING UNTIL THE DRYER IS SATURATED THE SURFACES ARE DRY.

APPLICATION:

- COMPLETE ALL PAINTING AND SURFACE PREPARATION IN STRICT ACCORDANCE WITH APPROVED PAINT MANUFACTURER'S SPECIFICATIONS, AND GOOD PAINTING PRACTICES OF SSPC.
- ALLOW SUFFICIENT TIME FOR EACH COAT OF PAINT TO DRY AND CURE. ALLOW A MINIMUM OF TWENTY-FOUR (24) HOURS BETWEEN COATS, OR AS REQUIRED BY THE MANUFACTURER.
- APPLY COATING BY BRUSH AND ROLLER ONLY. SPRAY APPLICATION IS NOT PERMITTED WITHOUT APPROVAL. EVEN WITH PRIOR APPROVAL, RESPONSIBILITY FOR DAMAGE STILL REMAINS WITH THE CONTRACTOR.
- COATINGS SHALL BE APPLIED USING METHODS TO ELIMINATE ROLLER MARKS IN THE FINISHED PRODUCT ON THE EXTERIOR.
- ADDITIONAL COATS REQUIRED FOR COVERAGE OR TO ELIMINATE ROLLER MARKS ARE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

SPOT CLEANING AND PAINT SYSTEMS:

- SPOT CLEANING AND PAINT REQUIREMENTS HAVE BEEN PREVIOUSLY DEFINED. APPLY ALL COATINGS BY BRUSH OR ROLLER. SPRAY APPLICATION IS PROHIBITED.
- APPLY THE COATING AT THE FOLLOWING RATES:

COAT	THEMCO SERIES	MIN. D.P.T.	MAX. D.P.T.
PRIMER	65	2.0 MILS	3.0 MILS
INTERMEDIATE	66	2.0 MILS	3.0 MILS
TOPCOAT	74	2.0 MILS	3.0 MILS
TOPCOAT	74	2.0 MILS	3.0 MILS
TOTAL:		8.0 MILS	11.0 MILS*

*THE TOTAL MINIMUMS ADD, BUT THE MAXIMUMS DO NOT. THE MAXIMUM CANNOT BE ACHIEVED ON EVERY COAT.

- VERIFY FINISH COOL TO THEMCO, FAZ-1, FORMER.

SPOT EPOXY:

- APPLY TO ALL SPOT REPAIR AREAS A TWO COAT EPOXY SYSTEM.
- APPLY AN EPOXY PRIMER COAT (EPOXY) AND AN EPOXY TOP COAT (EPOXY).
- APPLY EACH COAT AT THE FOLLOWING RATES:

COAT	THEMCO SERIES	MIN. D.P.T.	MAX. D.P.T.
PRIMER	EG20-125	3.0 MILS	4.0 MILS
TOPCOAT	EG20-125	4.0 MILS	5.0 MILS
TOTAL:		7.0 MILS	9.0 MILS*

*THE TOTAL MINIMUMS ADD, BUT THE MAXIMUMS DO NOT. THE MAXIMUM CANNOT BE ACHIEVED ON EVERY COAT.

- EACH COAT SHALL BE THE COLOR SPECIFIED AND SHALL BE APPROVED BY ENGINEER.

GENERAL NOTES:

SAFETY REQUIREMENTS:

- CONTRACTOR SHALL PROVIDE ALL SAFETY EQUIPMENT AND FALL PROTECTION TO INSURE THE SAFETY OF ON-SITE PERSONNEL DURING CONSTRUCTION.
- ACCESS TO THE TANK INTERIOR WATER COMPARTMENT SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE WATER DEPARTMENT SUPERVISOR. PRECAUTIONS SHALL BE TAKEN TO PREVENT WATER CONTAMINATION.
- THE PAINT SYSTEM SHALL BE CHECKED FOR HAZARDOUS METALS. WHERE HAZARDOUS METALS ARE FOUND IN THE PAINT SYSTEM, THE ENVIRONMENT AND WORKERS MUST BE PROTECTED FROM CONTAMINATION.

GENERAL WELDING:

- ALL WELDING SHALL BE IN ACCORDANCE WITH AWWA D100 SEC. 8, WELDING AND SEC. 11, INSPECTION AND TESTING.
- ALL WELDS TO THE TANK SURFACE SHALL BE MADE WITH E7018 LOW HYDROGEN ROD AND SHALL BE SMOOTH AND FREE OF INCLUSIONS AND UNDERCUTS. UNACCEPTABLE WELDS SHALL BE REPAIRED AS REQUIRED TO MEET AWWA D100 REQUIREMENTS.
- NO WELDING SHALL BE DONE WHEN THE AMBIENT TEMPERATURE IS BELOW 32 DEGREE FAHRENHEIT UNLESS THE REQUIREMENTS OF AWWA D100, SEC. 10.2.1 ARE FOLLOWED.
- WELDING TO THE TANK OR ACCESS TUBE OPPOSITE THE WATER LEVEL IS NOT PERMITTED. THE WATER LEVEL SHALL BE DRAWN DOWN TO A LEVEL TWO FEET BELOW THE 10'0" OF WELDING.
- WELDING MAY CAUSE BUBBLING OF THE INTERIOR PAINT OPPOSITE THE WELD. DAMAGED PAINT SURFACES SHOULD BE TOUCHED UP WHEN THE TANK IS TAKEN OUT OF SERVICE FOR ITS ANNUAL INSPECTION. EXTERIOR PAINT DAMAGE SHALL BE REPAIRED AFTER COMPLETION OF THE ANTENNA INSTALLATION, AND SHALL BE COMPATIBLE WITH THE EXISTING PAINT SYSTEM.
- GALVANIZED COMPONENTS SHALL NOT BE WELDED DIRECTLY TO THE TANK SURFACE. OTHER GALVANIZED SURFACES SHALL BE GROUND FREE OF GALVANIZING BEFORE WELDING.
- TUBULAR COLLARS ARE HERMETICALLY SEALED AND MUST NOT BE BREACHED/PUNCTURED UNDER ANY CIRCUMSTANCES.

TOWER ANCHORS MOD. II PLAN



REFER TO "STRUCTURAL ASSESSMENT FOR A 123 FOOT WATER TOWER" REPORT BY RAMAKER & ASSOCIATES, INC. DATED JANUARY 7, 2015

RAMAKER & ASSOCIATES, INC.
1120 Dallas Street, Sauk City, WI 53583
Phone: 608-643-4100 Fax: 608-643-7899
www.Ramaker.com

verizonwireless
1515 WOODFIELD ROAD
SCHAUMBURG, IL 60173

NO.	DATE	DESCRIPTION	DATE
1	09/23/2014	ISSUED FOR CONSTRUCTION	
2			
3			
4			
5			
6			
7			
8			
9			
10			

MERRILL WEST WT (201529)

PROJECT INFORMATION:
W TAYLOR STREET
MERRILL, WI 54452
LINCOLN COUNTY

STRUCTURAL DETAILS

SCALE:
AS NOTED

DATE: 28097
SCALE: 5-3

(4) (5)

Heideman, Bill

From: Wais, Diane
Sent: Wednesday, February 18, 2015 1:06 PM
To: Heideman, Bill; Bialecki, Bill
Cc: Unertl, Kathy; Hayden, Tom
Subject: BPW Agenda
Attachments: Ord Sidewalks 03 2015.docx



Bill:

Attached are two ordinance regarding sidewalk assessments at the request of Kathy U. Please put these on the next BPW Agenda.

Thanks!!

Diane

<<ENTER YR>><<ENTER MONTH>><<ENTER AGENDA NO.>>

CITY OF MERRILL
1004 EAST FIRST STREET
MERRILL, WI 54452-2586

AN ORDINANCE: By Board of Public Works
Re: Amending Chapter 32, Article III, Section 32-54(b)(9) to add language relating to assessment of sidewalk costs

ORDINANCE NO. 2015-
Introduced: _____
1st Reading: _____
2nd Reading: _____
3rd Reading: _____
Committee/Commission Action: _____

AN ORDINANCE

The Common Council of the City of Merrill, Wisconsin, does ordain as follows:

Section 1. Chapter 32, Article III, Section 32-54(b)(9) of the Code of Ordinances for the City of Merrill is amended to add the following:

32-54 Specifications.

- (a) *Approval.* Compliance with this section does not require the board of public works approval, but does require the city engineering department representative 's approval.
- (b) *General requirements.*
 - (1) Concrete required shall be the six-bag mix, batch mix proportions as on file in the city engineering department representative's office.
 - (2) Grade shall be the grade established by the city engineering department representative's office; said grade is to be set or approved by the city engineering department representative's office before work commences.
 - (3) Design details shall be those on file in the city engineering department representative's office entitled "standard drawing;" these details shall first be approved by the board of public works.
 - (4) Location shall be as shown on standard drawings, standard specifications, or special specifications approved or ordered by the board of public works.
 - (5) The board of public works shall have the city engineering department representative's office run an annual inspection program of all defective concrete work.
 - (6) Trees affecting sidewalk, or curb and gutter, shall be removed. Trees in the boulevard shall be removed by the city at the city's expense. Trees on private land shall be removed by the property owner at the property owner's cost, after notification.

- (7) Retaining walls built on or abutting sidewalks shall be the property owner's responsibility to maintain, repair, or remove on proper notification by city.
- (8) Proper notification by the city shall be the customary time, 20 days, as set forth in the state statutes.
- (9) A property owner that chooses to install concrete work shall do all the work and pay 100 percent of the cost, conforming to the standards and specifications on file. A property owner shall not be allowed to do work that the city has contracted for.
- (10) When sidewalks are installed on only one side of a street, the assessable cost thereof shall be divided between property owners on both sides of the street. **If a sidewalk is constructed on the opposite side of that street, the costs of such construction shall be divided between property owners on both sides of the street**

Section 2. Severability. In the event any section, subsection, clause, phrase or portion of this ordinance is for any reason held illegal, invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remainder of this ordinance. It is the legislative intent of the Common Council that this ordinance would have been adopted if such illegal provision had not been included or any illegal application had not been made.

Section 3. Repeal and Effective Date. All ordinances or parts of ordinances and resolutions in conflict herewith are hereby repealed. This ordinance shall take effect from and after its passage and publication.

Moved by: _____
 Adopted: _____
 Approved: _____
 Published: _____

Approved:

 William R. Bialecki,
 Mayor

Attest:

 William N. Heideman, City Clerk

<<ENTER YR>><<ENTER MONTH>><<ENTER AGENDA NO.>>

CITY OF MERRILL

1004 EAST FIRST STREET
MERRILL, WI 54452-2586

AN ORDINANCE: By Board of Public Works
Re: Amending Chapter 32, Article III, Section 32-58(a) to add language relating to assessment of sidewalk costs

ORDINANCE NO. 2015-
Introduced: _____
1st Reading: _____
2nd Reading: _____
3rd Reading: _____
Committee/Commission Action: _____

AN ORDINANCE

The Common Council of the City of Merrill, Wisconsin, does ordain as follows:

Section 1. Chapter 32, Article III, Section 32-58(a) of the Code of Ordinances for the City of Merrill is amended to add the following:

- (a) All new or replacement sidewalks and driveway aprons shall be assessed to the abutting property owner at the prevailing rate per square foot basis as set by the board of public works. **When sidewalks are initially installed on only one side of a street, the assessable cost thereof shall be divided between the property owners on both sides of the street. If a sidewalk is constructed on the opposite side of that street, the costs of such construction shall be divided between property owners on both sides of the street.**

Section 2. Severability. In the event any section, subsection, clause, phrase or portion of this ordinance is for any reason held illegal, invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remainder of this ordinance. It is the legislative intent of the Common Council that this ordinance would have been adopted if such illegal provision had not been included or any illegal application had not been made.

Section 3. Repeal and Effective Date. All ordinances or parts of ordinances and resolutions in conflict herewith are hereby repealed. This ordinance shall take effect from and after its passage and publication.

Moved by: _____

Adopted: _____

Approved: _____

Published: _____

Approved:

William R. Bialecki,
Mayor

Attest:

William N. Heideman, City Clerk

6'a

BOARD OF PUBLIC WORKS
STREET COMMISSIONER'S REPORT
February 25, 2015

WORK:

Plow snow from streets, alleys, sidewalks and parking lots.
Sand and salt streets, alleys, sidewalks and parking lots.
Shovel and salt sidewalks for sidewalk notices.
Remove snow from sides of streets and parking lots.
Mix salt sand.
Patch pot holes.
Remove dead, dying or hazard trees.
Trim trees.
City garage building maintenance and repairs.
Repair street lights.
Repair and install signs.
Normal Garbage Collection.
Normal Single Stream Recycle Collection.

Maintenance Shop: Repairs and preventative maintenance on equipment from the Street Dept, Park Dept, Fire and Ambulance Dept, Transit Dept. and Water and Sewage Utility.

EQUIPMENT: Repairs performed on equipment were normal preventative maintenance and repairs.

Dick Lupton
Street Commissioner

6b

TO: Board of Public Works

FROM: Darin Pagel, Building Inspector

Dear Board Members,

Since the last meeting, have been very busy with multiple issues around the City . The following are some highlights.

- Daily building and zoning questions, issuance of permits, and inspections.
- Have been working on multiple exterior maintenance and nuisance files.
- Working with City attorney on multiple issues.
- Have been working on some future development.
- Have begun exterior maintenance for summer compliance.
- We have included exterior maintenance and nuisance list.
- Have sent out bid packets for sidewalk maintenance for 2015

I am out of town at continuing education this week, Thank you.

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
La Vern Witter Trust	1601	10th E.	10-08-14	Need to paint fascia on gargage and garage doors along wit	05-09-15	no
Fox Point Partners LLC	1905	14th E.	08-19-14	Commercial exterior paint	08-01-15	no
Brian Howe	900	1st E.	04-22-14	see file	02-15-15	YES
Fergien Family Trust	810	1st E.	10-23-14	Need to remove business sign frame	05-07-15	no
Chris Malm	801	1st E.	05-12-12	Need to complete the painting on east side and window sill	06-01-15	YES
Greg & Holly Schield	1304	1st E.	04-25-14	Need to paint windows on house, paint garage and trim	07-09-15	no
Pat & Kathleen Woller	1004	2nd E.	02-06-15	Remove tires, wooden crates, and debris in yard area	02-15-15	no
Lucille Waldburger (Decease	503	2nd E.	03-21-12	Need to paint house and garage	03-01-15	YES
Darrell Hanke	718	2nd E.	02-03-15	Nusianace Complaint	03-11-15	no
William Frazier	1003	2nd E.	09-17-14	Repair garage	06-17-15	no
Teresa & Tony Chladek	1410	2nd E.	04-25-14	Paint front porch on house	Attorney office	YES
William & Sharon Harvey	900	3rd E.	05-21-14	Paint trim, windows and fascia boards on house	06-05-15	no
G&L Prop Management	605	3rd E.	12-17-14	finish siding, paint everything	06-26-15	no
Craig Schultz	601	4th E.	06-25-14	Need to repair soffit and complete siding and paint window	06-08-15	YES
Andrew Wallace	404	4th E.	11-28-12	Need to paint house & garage	07-06-15	YES
Andrew Wallace	112	4th E.	05-02-14	Need to paint trim on house(Tom has file 9/15/14)	Closed	no
Joseph & Patricia Dorgan	501	4th W.	01-21-15	Paint garage doors, paint windows and trim on house and r	06-21-15	no
Steven Krugler	600	4th W.	01-21-15	Paint apartment, see file	06-23-15	no
Park City Credit Union	204	5th E.	05-02-14	Need to paint house, trim, windows and doors	06-01-15	YES
Sandra Gantner	205	5th E.	05-02-14	Need to paint garage and trim	07-11-15	no
Rickey & Ninette Candler	209	5th E.	05-02-14	Need to install siding on garage and paint trim	07-11-15	no
Duane Fryar	308	5th W.	01-13-15	Paint dormer on house	06-13-15	no
Tom Ball	508	5th W.	01-21-15	Paint house, windows, trim, garage trim, windows and doo	06-23-15	no
Nathan Kramer	511	5th W.	01-21-15	Paint house and fascia, windows, doors and trim on garage	06-23-15	no
Pam Toth	602	5th W.	01-21-15	Paint and straighten garage	06-23-15 (ZBA?)	no
Fred Reinichen	703	6th E.	05-21-14	paint around windows and paint house and trim	05-01-15	no
Rick Hargrave	908	6th E.	09-15-14	Exterior painting	05-15-15	no

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
Arlene Smith	1200	6th E.	08-22-13	Need to paint house and garage	06-03-15	no
James & Sherryl Dallman	808	6th E.	05-20-14	Need to paint shed, trim, windows, doors on shed(s)	Attorney Office	YES
Jerome & Joy Ziegelbauer	203	6th W.	01-14-15	Paint house and garage, windows, trim and replace broken	06-16-15	no
Dolores Kleinhans	509	7th E.	11-07-14	See file on painting and missing siding orders	03-09-15	no
Ryan Ott	700	7th E.	05-21-14	Paint trim and fascia boards on garage	05-01-15/ per D	YES
Robert E Galella	504	7th E.	10-15-14	Fixing siding around windows and paint	06-03-15	no
Gerald & Jane Kleinhans	1008	7th E.	05-21-14	Orders to condemn the house	Closed	no
Randall Kurszewski	1009	8th E.	05-21-14	Paint windows, trim and doors on house	06-01-15	YES
Jon & Angela Drew	1308	9th E.	05-15-14	Need to paint house	06-30-15	no
HSBC Bank	410	Blaine	05-05-14	Orders to condemn accessory building	03-05-15	no
Ed Gille	206	Blaine	05-05-14	Orders to condemn accessory building	06-02-15	no
Lonnie Woller	604	Blaine	05-02-14	Need to remove temporary structure(06-15-2015)	06-15-15	yes
Gary Christie	107	Californi	08-19-14	Painting on garage	06-05-15	no
Kristina Velasque	807	Cedar	04-29-13	Need to paint house & garage	CDBG Program	no
Grecian Delight	809	Center N	05-31-13	Orders to remove business sign and pole - no longer in busi	Attorney Office	YES
Grecian Delight	809	Center N	05-17-12	Need to paint canopy, fascia on restaurant	Closed	YES
Tommy Miller	703	Center S.	06-11-13	Need to paint exterior of building (business/house)	Closed	YES
Jennifer & Chad Schmidt	307	Cleveland	05-21-14	Paint house, trim and windows	05-01-15	no
Todd Smith	308	Cleveland	05-21-14	Need to replace rotted board and paint house, trim, windo	06-05-15	YES
MOSER, LLC	211	Cleveland	06-18-14	Need to paint house and garage, trim, doors, windows	06-15-15	no
Brian Howe	210	Cleveland	06-25-13	Need to paint windows, window trim and fascia on house	Closed	no
Steven & Rose Strom	400	Cottage	05-30-14	Paint garage, trim repair roof/ panit windows on house	05-15-15	no
Gerald & Jane Kleinhans	403	East	09-08-14	Exterior orders	06-01-15	YES
Jerry Kleinhans	403	East	10-17-14	Replace steps and sidewalk to porch	06-01-15	no
Tracy Brown	200	East	01-14-15	Paint porch	06-14-15	no
Jason Peroutka	210	East	01-14-15	Replace garage window, and paint windows, trim and fasci	06-14-15	no
Christine Peck	308	East	01-14-15	Paint garage doors and trim and paint sofft and trim on ho	06-14-15	no

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
Michael Pfund	310	East	01-14-15	Paint garage, trim and fascia on garage and fix leanign fenc	06-14-15	no
Fick Brothers LLC	406	East	01-14-15	Paint trim, windows and doors on house	06-14-15	no
Kelly Collins	502	East	01-14-15	Paint doors, trim on garage and fence	06-14-15	no
Scott Blaubach	508	East	01-14-15	Paint garage and trim	06-14-15	no
Robert Brietzke	205	East	01-14-15	Paint non-vinyl on house, sopffits and finish siding garage a	06-15-15	no
Larry Peeters	209	East	01-14-15	Insall siding on shed and paint trim	06-15-15	no
Kegan Parnell	401	East	01-14-15	Paint windows on house	06-15-15	no
Creative Home Recovery	405	East	01-14-15	Paint non-vinyl on house, windows, trim	06-15-15	no
Creative Home Finanace	407	East	01-14-15	Paint non-vinly on house	06-15-15	no
James Styza	503	East	01-14-15	Paint windows on house and paint doors on garage	06-15-15	no
Lorrie Shafer	505	East	01-14-15	Paint porch, trim and windows on house	06-15-15	no
Todd & Hilary Schulz	511	East	01-14-15	Paint windows, fascia and siding on house	06-16-15	no
Karla Schmidt	601	East	01-14-15	Paint windows on house. Paint trim, fascia and fix siding on	06-16-15	no
Mark Raymer	120	Foster S.	10-01-14	Painting porch, stairs,trim	06-01-15	no
Donald Radke	104-106	Foster S.	06-25-14	Need to fix soffit and paint, windows and trim	07-01-15	no
Gerald & Jane Kleinhans	108	Foster S.	11-20-12	Orders to condemn dilapidated house and garage	Attorney Office	YES
Michael Jeske	601	Genesee	01-15-15	remove shed	02-15-15	no
Pat Bonneville	604	Genesee	01-15-15	Garage paint	06-18-15	no
David Peck	605	Genesee	11-20-13	Need to paint garage, repair garage roof, paint house wind	06-20-15	no
Thomas Weckwerth	706	Genesee	01-20-15	Need to paintwindows on house, and garage	06-20-15	no
Kristy Stoerzer	400	Genesee	01-21-15	Paint garage	06-21-15	no
Darin & Diane Westover	402	Genesee	01-21-15	Paint garage, windows and trim	06-21-15	no
Gilberto & Lynn Rodriguez	406	Genesee	01-21-15	Install siding to the addition on the garage	06-21-15	no
Birchwood Dev.	408	Genesee	01-21-15	Paint windows, and trim on house	06-21-15	no
Andrea Krueger	600	Genesee	01-21-15	Finish installing soffit and fascia on house	06-21-15	no
Gerald & Jane Kleinhans	602	Genesee	01-21-15	Need to paint windows, fascia and porch on house, paint w	06-21-15	no
Kelly & Maraline Collins	606	Genesee	01-21-15	Paint garage and trim and doors	06-21-15	no

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
William & Larisa Millis	303	Genesee	01-21-15	Paint porch windows and trim on house and paint garage	06-22-15	no
Larry Peeters	305	Genesee	01-21-15	Paint windows and trim on house and paint shed	06-22-15	no
Tork Enterprises LLC	307	Genesee	01-21-15	Paint windows, trim on house and garage and paint garage	06-22-15	no
Victor Milewczyk	401	Genesee	01-21-15	Finish siding garage	06-22-15	no
Maria Galella	405	Genesee	01-21-15	Paint house and garage, finish installing siding and repair ro	06-22-15	no
Christopher Sprague/Colleen	411	Genesee	01-21-15	Fix fascia, paint windows, doors, trim on house and paint g	06-22-15	no
Clarence & Eldru Hinz	501	Genesee	01-21-15	Paint peeling porch on house and paint garage	06-22-15	no
Evan Woller	511	Genesee	01-21-15	Paint windows on house, paint fascia, doors, trim on garag	06-22-15	no
David Peck	605	Genesee	01-21-15	Replace siding, paint house and service door on garage	06-22-15	no
Roy Williamson	300	Genesee	01-21-15	Paint windows, trim, fascia on house and trim fascia on gar	06-23-15	no
Daniel Hodkiewicz	302	Genesee	01-21-15	Paint windows on house	06-23-15	no
Lloyd Jacobson	306	Genesee	01-21-15	Paint house along with doors, windows, trim and paint trim	06-23-15	no
Wire Products	106	Genesee	02-03-15	Paint entire bldg, windows, trim and doors	07-03-15	no
George Bost	508	Grand Av	10-06-14	See File for violations	06-12-15	no
Paul & Patricia Ryan	809	Grand Av	05-30-14	Paint garage, trim, windows, repair roof on garage	02-26-15	YES
Jesse Kane	903	Grand Av	06-04-14	Fix fascia and paint garage	05-15-15	YES
Park City Baptist Church	216	Grand Av	02-02-15	Paint no-vinyl areas on church and windows	07-02-15	no
Hassan Hejazivand	314	Grand Av	02-02-15	Paint windows, trim on building	07-02-15	no
Shirley Eggers	405	Grand Av	02-03-15	Paint windows, trim, fascia and doors	07-03-15	no
Jesse Hoffman	413	Grand Av	02-03-15	Paint trim, windows, remove tarps, temp. struc and semi	07-03-15	no
Michael & Jayne Thiel	801	Grand Av	05-30-14	Repair roof on garage, paint doors, trim and fascia	08-02-15	no
Unkown	1005	Grand Av	06-04-14	Paint house and trim	08-11-15	no
Larry & Shawn Romatoski	213	Hendrick	02-11-15	Clean up yard	02-23-15	no
Haunted House LLC	700	Hendrick	05-11-11	Need to remove smokestack and large roof vent (per C.P.)	04-08-2018	no
Lokemoen Dev. Co	1501	Hwy 107	06-05-14	See file	05-01-15	no
Donald Townsend	1905	Jackson	07-02-14	See file	06-01-15	no
John Kleinschmidt	1006	Jefferson	07-24-14	See file	05-25-15	no

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
Jerry Ziegelbauer Jr.	606	Jefferson	01-14-15	Replace missing siding and paint windows, trim and doors o	06-14-15	no
Becky & Michael Rick	605	Jefferson	01-14-15	Paint garage and doors	06-16-15	no
Lois Dupke	707	Jefferson	01-14-15	Paint dormer on house	06-16-15	no
Thomas Kuehn	803	Jefferson	01-14-15	Paint non-vinyl areas, finish siding on house and paint gara	06-16-15	no
George Japke	109	Lake	04-25-14	Trim on house, windows and paint garage trim and doors	06-22-15	YES
Shari Rodriguez	1200	Lake	05-16-14	Need to paint house, windows and trim	07-16-15	no
Ralph Schulz	305	Liberty	01-21-15	Trim out windows, paint windows and doors on house	06-23-15	no
Bernice Tesky	404	Liberty	01-21-15	Paint garage door	06-23-15	no
Tim Diels	411	Liberty	01-21-15	Paint house, fascia, windows, door and trim on garage	06-23-15	no
Dan Schmidt	507	Liberty	01-21-15	Paint garage	06-23-15	no
Gloria Bannister	603	Liberty	01-21-15	Paint house windows, soffit and trim, paint garage, trim an	06-23-15	no
Laufenberg Rentals	605	Liberty	01-21-15	Paint garage trim and fascia	06-23-15	no
Christopher & Jill Mcelhatton	607	Liberty	01-21-15	Paint garage doors	06-23-15	no
Donald Franc	609	Liberty	01-21-15	Repair porch and replace missing siding, paint windows, po	06-23-15	no
John Kratz	616	Liberty	01-21-15	Paint garage addition and trim	06-23-15	no
Jennifer & Chad Schmidt	307	Logan	05-02-14	Need to paint house, trim, windows, replace rotted boards	09-01-15	no
Independent Assoc.	2407	Main E.	08-26-14	Need to remove business sign	05-01-15	no
Andre Galella	2606	Main E.	04-25-14	Orders to condemn dilapidated building	05-01-15	no
Merrill Federal S&L	907	Main E.	09-10-14	Orders to remove dipidated building	05-31-15	YES
PCCU	1223	Main E.	10-22-14	Painting, windows, brick repair	06-05-15	no
ABC Rentals	1319	Main E.	10-21-14	Fix steel	06-05-15	no
Los Mezcales	3450	Main E.	12-19-14	Temp Structures	Closed	no
Paul Meyer	1800	Main W.	07-21-14	Need to paint doors and trim on garage	06-08-15	no
Kelly Collins	410	Main W.	02-02-15	Trim rear windows and replac missing siding in front	07-03-15	no
Fick Brothers LLC	412	Main W.	02-02-15	Paint rear of building and trim	07-03-15	no
Greg Kornack	414	Main W.	02-02-15	Paint warehouse and paint windows on main building	07-03-15	no
Mitchell Ek	418	Main W.	02-02-15	Paint main bldg., windows and trim	07-03-15	no

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
Humphrey's Pub	500	Main W.	02-03-15	Paint garage, west side of bldg, replace windows on east si	07-03-15	no
Robert & Trina Johnson	407	Main W.	02-03-15	Paint bldg, windows and trim	07-06-15	no
Philip Henrichs	411	Main W.	02-03-15	Paint front of building, windows, trim	07-06-15	no
Jo Ellen James	604	Main W.	02-03-15	Paint windows, and wood portion in rear	07-06-15	no
Brent Scantlin	1404/1	Main W.	08-07-14	Paint north side of building	05-15-15	no
Jared Duginski	301	Merrill	02-02-15	Need to paint house and garage, windows and trim	07-02-15	no
Greg & Holly Schield	315	Park	04-28-14	Need to paint house	07-09-15	no
Joseph Pickard	105	Park N.	04-28-14	Orders to remove addition, fix siding ,paint	05-15-15	no
Ryan Schwartzman	206	Park N.	04-28-14	Need to paint house and eaves on garage	07-09-15	no
Dolores Kleinhans	101	Park N.	01-13-14	Orders to condemn dilapidated accessory structure	07-31-15	YES
Christine Vorpapel	207	Park S.	04-23-14	Paint garage and doors	06-03-15	no
Wal-Mart	505	Pine Ridg	12-19-14	Temp Structures	Closed	no
Mike Chrudimsky	107	Poplar N.	09-17-14	Paint garage	06-05-15	no
Andre Galella	600	Prospect	01-14-15	Paint all non-vinyl areas on house and garage, fascia on ho	06-17-15	no
Joshua Jensen	606	Prospect	01-14-15	Paint house and garage along with windows and trim	06-17-15	no
Robert Ricci	610	Prospect	01-14-15	Paint service door and trim on garage	06-17-15	no
Greg & Dawn Leavitt	700	Prospect	01-14-15	Paint windows and trim on house	06-17-15	no
Jeremy Grubb	800	Prospect	01-14-15	Paint trim on house and paint garage along with trim	06-17-15	no
Sandra Winchell	502	Prospect	01-14-15	Paint garage doors	06-18-15	no
Patricia Ricci	304	Prospect	01-14-15	Repair Fence	06-18-15	no
Gerald & Jane Kleinhans	611	Prospect	06-20-13	Need to paint house and garage and repair beam and foun	03-02-15	YES
Lucky 7 Services	205	Prospect	01-13-15	Replace fascia on garage	06-13-15	no
Nicole Hill	209	Prospect	01-13-15	Replace roof on garage	06-13-15	no
Hanson Residence Trust	505	Prospect	01-13-15	Paint garage and trim	06-13-15	no
Leroy Schmidt	507	Prospect	01-13-15	Paint house and replace broken window on garage	06-13-15	no
James Young	509	Prospect	01-13-15	Paint house along with fascia, trim	06-13-15	no
James Ziegel	609	Prospect	01-13-15	Paint windows and trim on house	06-13-15	no

Outstanding Ext Maint 2015

02/12/2015

Property Owner	Street#	Street Na	Insp Date	Description of Violations	Comp Date	Attorn
John Benzinger	701	Prospect	01-13-15	Need to paint house, doors, windows, trim, repair porch str	06-13-15	no
Jeremy Ryan	810	Prospect	01-13-15	Paint house & garage, windows, trim, and fence	06-13-15	no
Pamela Porath	818	Prospect	01-13-15	Need to paint rim and windows on garage	06-13-15	no
Primestar Fund	211	Prospect	01-14-15	Paint house, trim and repair garage doors	06-14-15	no
Gary Wesbrock	303	Prospect	01-14-15	Paint shed doors and trim	06-14-15	no
Patricia Carron	311	Prospect	01-14-15	Paint garage and garage doors and repair garage door	06-14-15	no
John & Sharon Woller	300	Prospect	01-14-15	Paint garage, windows and trim	06-18-15	no
Mark & Jan Gartmann	402	Prospect	01-14-15	Complete siding on garage	06-18-15	no
Ed Livingston	410	Prospect	01-14-15	Paint windows, doors and trim on house	06-18-15	no
Emily Pfingston	510	Prospect	01-14-15	Paint garage and windows and trim on house	06-18-15	no
HSBC Bank USA	122	Prospect	08-27-14	Orders to condemn dipidated house	03-17-15	YES
Krall Rentals LLC	110	Prospect	02-02-15	Need to paint bldg., windows and trim	07-02-15	no
Craig & Jennifer Erickson	116	Prospect	02-02-15	Need to paint windows and trim on main bldg. and paint ga	07-02-15	no
Walter Smith	120	Prospect	02-02-15	Need to paint all non-brick areas on bldg. and accessory str	07-02-15	no
Anthony Hendrickson	1408	River	04-22-14	Need to paint porch(replace rotted boards), paint shed and	07-03-15	no
William Kamke & Sons	1202	River	04-22-14	Orders to condemn dilapidated building	08-01-15	no
Lincoln County Fair Board		Sales	01-21-13	Need to paint the exterior of the animal barn	06-27-15	D.J.
Joseph Frederick/Donna Gad	310	Scott N.	05-07-13	Need to paint house	06-18-15	no
John Lamonica	510	State N.	11-10-14	Need to clean up interior for an inspection	04-12-15	no
Lynn Blas	115	State N.	07-21-14	Need to paint house	06-07-15	no
Dolores Kleinhans	402	State N.	06-26-14	Need to repair soffit and fascia and paint, paint porch area	Attorney Office	YES
DC Motors Inc.	2200	Sturdeva	01-21-13	Orders to condemn dilapidated building	Attorney Office	YES
Kevin & Stacey Haring	111	Stuyvesa	04-25-14	Need to paint house	06-15-15	no
Gerald & Jane Kleinhans	105	Thomas	07-21-14	Need to paint house, trim and windows	06-01-15	YES
Antoinette Moser	105	Thomas	10-28-13	Need to replace damaged siding, paint windows, trim and d	08-01-15	no
John Manderfield	601	Wisconsi	05-30-14	Paint house and garage, trim, doors, windows, repair roof o	05-02-15	no
Jeremy Suardi	303	Wisconsi	09-16-14	Garage siding and painting	05-15-15	no

Outstanding Ext Maint 2015

02/12/2015

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Michael Wanie	302	Wisconsi	05-30-14	Need to paint trim and doors on garage - paint acces., ect.	06-01-15	no
Beth Ann Wiedeman	700	Wisconsi	06-04-14	Paint garage, trim, fascia and paint house	08-31-15	no