

1 **UTILITIES (WASTEWATER TREATMENT PLANT - WWTP)**
2 **COMMITTEE MEETING MINUTES**
3 **TUESDAY, OCTOBER 6, 2016**
4 **SISTER BAY WASTEWATER TREATMENT PLANT - 2124 AUTUMN COURT**
5 **(APPROVAL PENDING)**
6

7 The October 6, 2016 meetings of the Utilities (WWTP) Committee and the Water, Sewer
8 Collection, and Storm Sewer Committee were called to order by Committee Chair Patrick Duffy
9 at 7:47 A.M.

10
11 **Present:** Committee Chair Pat Duffy, and Members Fred Anderson, Scott Baker, Denise Bhirdo,
12 Hugh Mulliken, and Peter Sauer.

13
14 **Staff Members:** Utilities Manager Mike Schell, Village Administrator Zeke Jackson and Utilities
15 Clerk Anastasia Bell.

16
17 **Excused:** Utilities Supervisor Dave Alberts

18
19 *A motion was made by Duffy, seconded by Baker, that the October 6, 2016 meeting of the*
20 *Utilities (WWTP) be recessed until such time as the meeting of the Water, Sewer Collection,*
21 *and Storm Sewer Committee has been adjourned. Motion carried – All ayes.*

22
23 *At 7:54 A.M. a motion was made by Baker, seconded by Bhirdo, that the October 6, 2016*
24 *meeting of the Water, Sewer Collection, and Storm Sewer Committee be adjourned. Motion*
25 *carried – all Ayes.*

26
27 *The members of the Utilities (Wastewater Treatment Plant – WWTP) immediately reconvened,*
28 *and their meeting was called back to order at 7:55 A.M.*

29
30 **Approval of the Agenda for the October 6, 2016 Utilities (WWTP) Committee Meeting:**
31 Bhirdo requested that the Agenda be corrected to reflect that she is a Committee member.

32
33 *A motion was made by Mulliken, seconded by Bhirdo, that the Agenda for the October 6, 2016 meeting of*
34 *the Utilities (WWTP) Committee be approved as amended. Motion carried – all Ayes.*

35
36 **Approval of the minutes for the September 9, 2016 Joint Meeting of the Water, Sewer**
37 **Collection, and Storm Sewer Committee and the Utilities (WWTP) Committee:**

38 *A motion was made by Bhirdo, seconded by Mulliken, that the minutes for the September 9, 2016 joint*
39 *meeting of the Water, Sewer Collection, and Storm Sewer Committee and the Utilities, (WWTP),*
40 *Committee be approved as presented. Motion carried – All Ayes.*

41
42 **Public Comments and Correspondence**

43 Duffy noted that no correspondence had been received. He then asked if anyone wished to
44 address a non-agenda item. No one responded.

45
46
47
48

1 **Discussion Items**

2 **Item No. 1 Discussion regarding the Grease Trap Ordinance; consider an appropriate motion**
3 **for action if necessary:**

4 Schell commented there are currently four (4) businesses that are non-compliant with the
5 Village's grease trap regulations. The owners of Al Johnson's are arguing about the need to have
6 a grease trap due to their inability to dispose of the grease. Baileys Harbor is accepting grease
7 again and they have created a schedule to avoid another plant upset. Schell confirmed that the
8 Sister Bay plant was able to handle grease in small quantities, but for the most part the sludge
9 here doesn't like to "eat" the grease.

10

11 Jackson stressed that Schell will need the support of the Committee as he is going to have to see
12 that penalties are imposed due to non-compliance. He also reminded the Committee members
13 that grease traps are regulated by the State of Wisconsin.

14

15 Duffy stated that this Committee will support Schell in the process of upholding the Ordinance.
16 He also stated that he wants Schell to issue additional compliance letters when necessary.

17

18 Jackson noted that if necessary, permits and licenses can be withheld if compliance issues arise.
19 The owners of Al Johnson's were recently sent a compliance letter and Schell is in the process of
20 verifying the calculations to ensure that the grease trap is the correct size for that establishment.

21

22 **Item No. 2 Discussion regarding the status of the clarifier repair:**

23 Schell reported that the clarifier repairs are done. He was able to save \$19,000.00 by using a
24 different contractor.

25

26 **Item No. 3 Report about the update for the pretreatment plant:**

27 The pretreatment system was supposed to be up and running today, but the baffle had the
28 wrong angle because it was set for a counterclockwise rotation and our system has a clockwise
29 rotation. August Winters was able to get the correct part manufactured and will be installing it
30 today. Because Hydrogen Sulfide is utilized in this area additional concrete work was required
31 at a cost of \$1,500.00.

32

33 **Item No. 4 Report from the Utilities Director on the status of the Utilities:**

34 Everything is going well at the plant but the crew finds items which are in need of repair on a
35 regular basis. For example, the Ferric Chloride tank manhole started to drip this morning, which
36 could cause a disaster inside the plant if it opened. The sludge concentrator currently has parts
37 from Egg Harbor and the pretreatment plant electrical panels are obsolete.

38

39 Schell commented that the plant was estimated to last 25 years, but due to the maintenance it
40 receives it has survived well beyond this expectation. Bhirdo requested a list of items that are
41 obsolete and also requested that Schell identify priorities. Schell stated that the main lift station
42 is the number one priority for 2017. Engineers are currently working to increase the capacity of
43 the generator.

44

45 Duffy expressed concerns about not depleting the replacement funds faster than anticipated
46 except for emergent issues. Mulliken asked if our system could be connected to any other
47 municipality's system if an emergency did occur. Jackson commented that this is a much

1 broader conversation and wouldn't be possible for 30-60 years. Schell stated that we can plan
2 the best we can, but equipment will always have a lifespan. Whenever possible he will continue
3 to have applicable conversations with engineers.
4

5 **Item No. 5 Discussion regarding matters to be placed on a future agenda or referred to a**
6 **Committee, Official, or Employee:**

7 It was the consensus that quarterly Utility and Water, Sewer Collection and Storm Sewer
8 Committee meetings are too far apart and monthly meetings are too frequent. Therefore, the
9 Committees will try alternating months to see if that type of schedule works better. It was the
10 consensus that the next meeting should be scheduled after bids have been received for the
11 swamp pump, the Braun Property, and the Gokey Projects. Therefore, it is possible that the next
12 meeting could be conducted as early as November 15, 2016 at 7:30 A.M.
13

14 **Adjournment:**

15 *At 8:35 A.M. a motion was made by Anderson, seconded by Baker, that the October 6, 2016 meeting of the*
16 *Utilities (WWTP) Committee be adjourned. Motion carried – all Ayes.*
17

18 Respectfully submitted,

19 

20 Anastasia Bell

21 Enterprise Clerk
22

Village of Sister Bay
Utilities Director Report

Water, Sewer Collection, & Storm Sewer Committee Meeting
December 13, 2016

A report from the Utilities Director on the following items:

Sewer Rate Study

The auditors are currently working on completing this study.

October 25, 2016 Smoke Tests Results

The smoke test was performed and deficiencies were found. Property owners have been notified based on the deficiencies found at their property. The majority of customers received the “no repairs needed” letter. Three customers: Annika Johnson, Mitch Larson (On Deck), and the Boathouse on the Bay property will require televising to determine the full extent of the problem. Several other customers: The Village View, Sharon Daubner, The Village of Sister Bay (town hall & marina), the Johnson Family Trust, and Marina View (Ken Church) received letters identifying the deficiencies and requesting notification as to when the repairs have been completed.

Liberty Grove Water Pressure Update

Engineers are working on the model and it will be presented if available at the meeting.

Fire Department ISO Rating

We are currently working with Engineers to upgrade information for the Fire Department’s ISO rating.

Private Wells and Permit Status

See the attached report.

Michael C. Schell, Utilities Director



VILLAGE OF SISTER BAY UTILITIES

P.O. Box 91, Sister Bay, WI 54234

Phones: Voice 920-854-2246 Fax 920-854-7602 Cellular 920-421-0257

September 26, 2016

Dear Property Owner,

This letter is to inform you that a smoke test of the sewer system will be occurring on **October 25, 2016**. Great Lakes TV Seal, Inc will be performing the test on behalf of the Sister Bay Utilities on October 25, 2016. This test will be conducted for the portion of the sewer system along N. Bay Shore Drive from the intersection of Highway 42/57 north until the intersection of Scandia Road. As a property owner connected to this area of the sewer system, I wanted to inform you of this test. More details will follow on October 17, 2016. Please call me if you have any questions regarding this test.

Sincerely,

Michael C Schell
Utilities Director



VILLAGE OF SISTER BAY UTILITIES

P.O. Box 91, Sister Bay, WI 54234

Phones: Voice 920-854-2246 Fax 920-854-7602 Cellular 920-421-0257

October 18, 2016

Dear Property Owner,

This letter is to inform you that a smoke test of the sewer system will be occurring on **October 25, 2016**. Great Lakes TV Seal, Inc will be performing the test on behalf of the Sister Bay Utilities on October 25, 2016. This test will be conducted for the portion of the sewer system along N. Bay Shore Drive from the intersection of Highway 42/57 north until the intersection of Scandia Road. As a property owner connected to this area of the sewer system, I wanted to inform you of this test. Please call me if you have any questions regarding this test.

The test will begin at 8:00 A.M. on October 25, 2016. Smoke may enter your residence or business along the testing route during this process. The smoke may be thick but it is completely harmless and non-toxic. Please call me at (920) 421-2257 if you experience smoke in your building during this test.

Sincerely,

Michael C Schell
Utilities Director

SMOKE TEST

October 25, 2016

Starting at **8:00 A.M.**

Please contact Mike
Schell if you
experience smoke in
your building.

(920) 421-0257

SMOKE TEST

October 25, 2016

Starting at **8:00 A.M.**

Please contact Mike
Schell if you
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your building.

(920) 421-0257

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your building.

(920) 421-0257

SMOKE TEST

October 25, 2016

Starting at **8:00 A.M.**

Please contact Mike
Schell if you
experience smoke in
your building.

(920) 421-0257

2016

SMOKE TEST REPORT

SISTER BAY UTILITIES

Location: Hwy 42 (MH41A to MH13A)



pipe cleaning, sealing, TV inspection
AMerik CIPP Fiber Spot Repair

3600 Kewaunee Road * Green Bay, WI 54311 * (920) 863-3663 fax (920) 863-3662
www.greatlakestvseal.com

SISTER BAY UTILITIES
SMOKE TESTING 10/25/16

Test Location	Results
<p>Hwy 42 (MH 41A to MH 13A) 415D Hwy 42</p> <p>MITCH TV</p>	 <p>Catch basin tied to sanitary.</p>
<p>10648 Hwy 42</p> <p>Village View</p>	 <p>Smoke coming through ceiling of basement where main level toilet/vent stack enters basement.</p>
<p>10628 Hwy 42 (Village View)</p>	<p>Room 8 - Smoke coming from below toilet.</p>

10686 Hwy 42

Johnson Family
TRUST

No anti-siphon vent below sink.

10712 Hwy 42

Amike TV



Smoke coming from joints in block basement wall below electrical box.

10722 Hwy 42

Kew Church



Smoke coming from sanitary sewer near basement ceiling. Top of elbow leading to toilet on main level is smoking at joint (in basement). Smoke also coming from cut out in basement ceiling leading to main level.

Marina



Smoke appeared to be coming from beneath all 3 toilets in the women's restroom.

10716 Hwy 42

Boat house
REST TV



Smoke coming from around foundation by back door.



3" cleanout next to basement stairs has no cap. Smoke also coming from ground around cleanout.

10698 Hwy 42 (Al Johnson's)



Children's toilet in women's restroom leaking from below toilet.



Attic - old toilet flange.
Old flange "stuffed with insulation while we were there."

10693 Hwy 42 (Village Hall Public Bathrooms)



Urinal in men's restroom smoking.
Flushed to fill trap with water.
After 2 minutes urinal started smoking again.

Would recommend televising many of these laterals that have smoke coming from block walls, foundation or area around cleanout.



VILLAGE OF SISTER BAY UTILITIES

P.O. Box 91, Sister Bay, WI 54234

Phones: Voice 920-854-2246 Fax 920-854-7602 Cellular 920-421-0257

November 11, 2016

Dear Property Owner,

This letter is to inform you that a smoke test of the sewer system occurred on October 25, 2016. Great Lakes TV Seal, Inc performed this test on behalf of the Sister Bay Utilities. This test was conducted for the portion of the sewer system along N. Bay Shore Drive from the intersection of Highway 42/57 north until the intersection of Scandia Road. As a property owner connected to this area of the sewer system, I wanted to inform you of the results of this test.

Your property did not have any deficiencies noted by Great Lakes TV Seal, Inc. There is no further action required at this time. Please do not hesitate to contact me if you have any questions regarding the results of this smoke test.

Sincerely,

Michael C Schell
Utilities Director



VILLAGE OF SISTER BAY UTILITIES

P.O. Box 91, Sister Bay, WI 54234

Phones: Voice 920-854-2246 Fax 920-854-7602 Cellular 920-421-0257

November 11, 2016

Re: 10693 N. Bay Shore Drive & 10733 N. Bay Shore Drive

Dear Property Owner,

This letter is to inform you that a smoke test of the sewer system occurred on October 25, 2016. Great Lakes TV Seal, Inc performed this test on behalf of the Sister Bay Utilities. This test was conducted for the portion of the sewer system along N. Bay Shore Drive from the intersection of Highway 42/57 north until the intersection of Scandia Road. As a property owner connected to this area of the sewer system, I wanted to inform you of the results of this test.

Great Lakes TV Seal, Inc. identified deficiencies inside various homes and businesses. Due to the location of these deficiencies, it is the responsibility of the property owner to correct the items noted. Enclosed you will find a photo identifying the location where smoke was found on your property during this test.

Please notify the Sister Bay Utilities when these repairs have been completed. Also, please call me if you have any questions regarding the results of this test or the necessary repairs.

Sincerely,

Michael C Schell
Utilities Director

Enc: smoke test photos with description

10693 Hwy 42 (Village Hall Public Bathrooms)



Urinal in men's restroom smoking.
Flushed to fill trap with water.
After 2 minutes urinal started smoking again.

Marina



Smoke appeared to be coming from beneath all 3
toilets in the women's restroom.



VILLAGE OF SISTER BAY UTILITIES

P.O. Box 91, Sister Bay, WI 54234

Phones: Voice 920-854-2246 Fax 920-854-7602 Cellular 920-421-0257

November 11, 2016

Re: 10712 N. Bay Shore Drive

Dear Annika Johnson,

This letter is to inform you that a smoke test of the sewer system occurred on October 25, 2016. Great Lakes TV Seal, Inc performed this test on behalf of the Sister Bay Utilities. This test was conducted for the portion of the sewer system along N. Bay Shore Drive from the intersection of Highway 42/57 north until the intersection of Scandia Road. As a property owner connected to this area of the sewer system, I wanted to inform you of the results of this test.

Great Lakes TV Seal, Inc. identified deficiencies inside various homes and businesses. Due to the location of these deficiencies, it is the responsibility of the property owner to correct the items noted. Enclosed you will find a photo identifying the location where smoke was found on your property during this test.

Further testing is required for the above referenced property. The problem is currently believed to originate in the lateral. The Sister Bay Utilities will be scheduling a time for televising of the lateral by Great Lakes TV Seal, Inc. to fully investigate this issue. The cost of televising and any required repairs will be your responsibility as the property owner. I will be in contact regarding the date of the televising.

Please do not hesitate to contact me if you have any questions regarding the results of this test.

Sincerely,

Michael C Schell
Utilities Director

Enc: smoke test photos with description

10712 Hwy 42

Amika TV



Smoke coming from joints in block basement wall below electrical box.



MEMO

To: Water, Sewer Collection, & Storm Sewer Committee

From: Anastasia Bell, Enterprise Clerk

Subject: 2016 Well Testing & Permitting

Date: Tuesday, December 13, 2016

Wells inside the service area:

Written notifications were sent to well owners on June 21st, July 26th, and September 12th.

Total wells due for testing outside the service area = 21

Wells currently in compliance	17
Wells in the sampling process	0
Wells with proof of abandonment	1
Wells to be abandoned	3
Wells with no response	0

Wells outside the service area:

Written notifications were sent to well owners on June 21st, July 26th, and September 12th.

Total wells due for testing outside the service area = 11

Wells currently in compliance	8
Wells in the sampling process	2
Wells with proof of abandonment	0
Wells to be abandoned	1
Wells with no response	0



707 Ford Street
Kimberly, WI 54136

Phone: 920-733-4425
Fax: 920-733-0211

www.craneengineering.net

To: Mike Schell
Sister Bay, Village of
2124 Autumn Court
PO Box 91
Sister Bay, WI 54234

Quotation #: RD1994
Customer RFQ #: Verbal
Crane Job #:

Phone: 920-421-0257

Fax: 920-854-7602

E-mail: mike.schell@sisterbaywi.gov

Today's Date: 10/31/2016
Quote Expiration Date: 11/30/2016

Desc. Johnston 8STLS8 replacement

Item	Description	Qty	Unit Price	Subtotal
1.00	One (1) Goulds mixed flow pump assembly with CI/Silicon Bronze construction; water lubricated flanged column and shaft assembly, dynamically balanced impellers, carbon steel column pipe with SS shaft, SS bolts, ductile iron discharge head, VHS electric motor, and a steel sub-base. Pump and motor assembly are sized for 1200 gpm @ 12' TDH	1LS		\$20,000.00
			float control est	5000.00
				25000.00
			<i>labor NOT included</i>	

Thank you for the opportunity to provide you this proposal. Please do not hesitate to contact me if you have any questions or require any additional information.

Sincerely,

Ryan Driessen
Application Engineer
Ph: 920-257-0174
Fax: 920-257-0274
r.driessen@craneengineering.net

Eric Finnila
Director of Sales
Ph: 920-850-3100
Fax: 920-257-0247
e.finnila@craneengineering.net

Terms & Conditions			
Lead Time	10 Week factory ship date is typical. Actual delivery will be determined at time of order.	Payment Terms	n15
F.O.B.	Warehouse	Shipping Terms	Prepaid and Added to Invoice.

200 GPM
85T L S 8

5 H.P. PROPELLER
PUMP BY VILLAGE

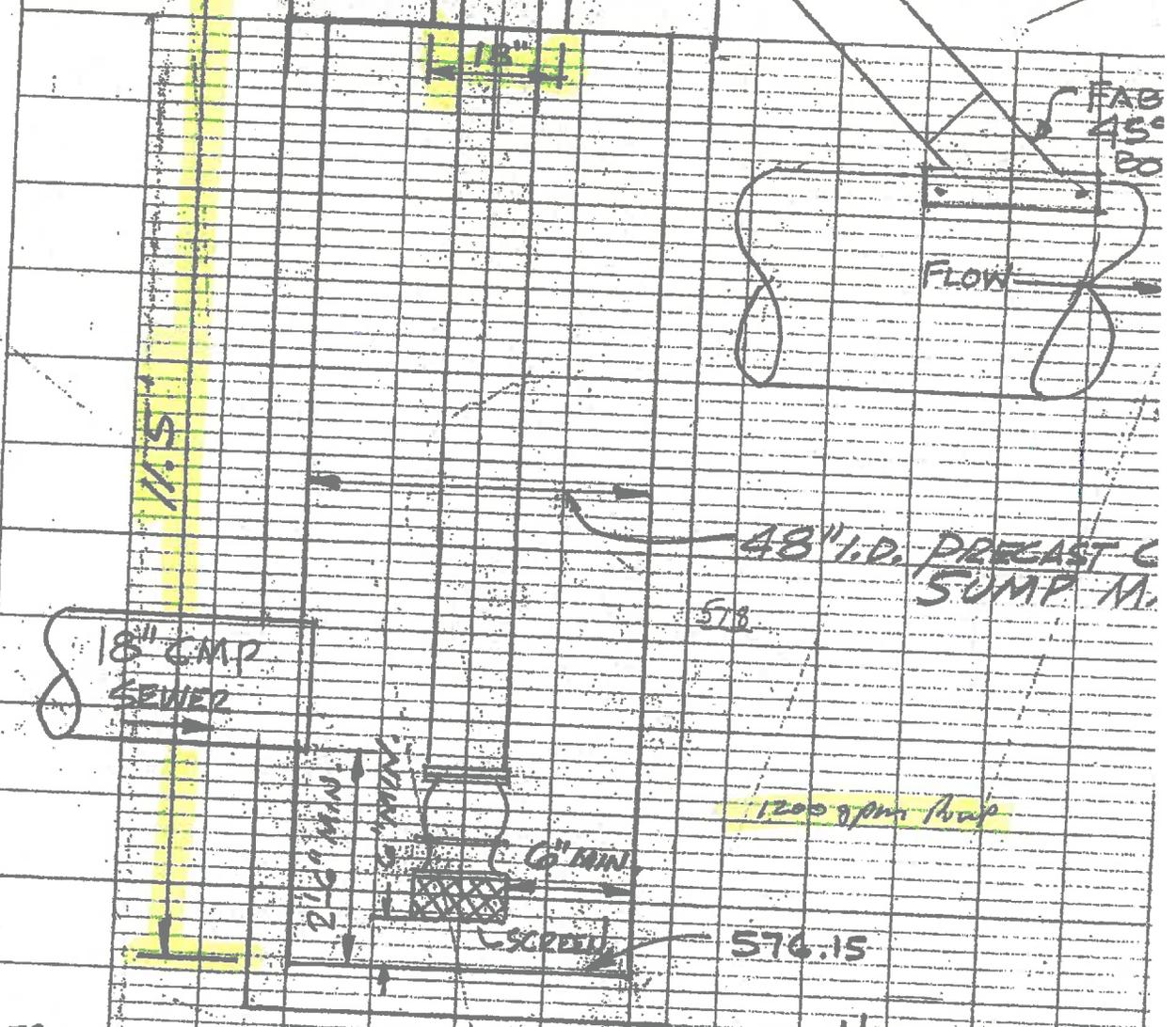
P.L.

8" DRESSER COUPLING

6" CONCRETE
SLAB TOP

587.65

8" WELDED TO STORMS
THIS COM



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B. M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

SUMP MANHOLE DETAIL

NOTE - THE EXI
SEWER
APPROX
AS SHD

NOTE - PRESENT DITCH TO SWAMP
TO BE LOWERED BY OTHERS
FROM 15 FT. NORTH OF PIPE.

NOTE - SEWER CONNECTION

JOHNSTON PUMP COMPANY
 GLENORA, CALIFORNIA
 SALES ORDER

SALES ORDER NO. 87-15709
 FILE WITH _____

ACK. QUOTE # 24594 CODE _____
 CUSTOMER'S NUMBER 24594
 SOLD TO: Cran Engineering Sales Inc.
P.O. Box 467
Appleton, Wisconsin 54911

TERMS: Net 30
 APPLICABLE SPECS # _____
 AGENCY _____

SHIP TO: Village of Sister Bay
Village Hall
Sister Bay Wisconsin 54234

SHIP: Yellow Light Freight
 BOND: LM PERF VIA SHIP ALW. PREPAID COLLECT NO
 MOTOR: U.S. P.D. 55566 WITH 12 DIA. BASE WITH-OUT EXTRA THRUST, WITH-OUT N.R.R.
 H.P. 5 PH. 3 CYCLE 60 VOLTAGE 230/440 R.P.M. 1760 ENCL. EF. VHS VSS
 THRUST: Hi CLUTCH: 3/8" BIT INSUL. _____ RISE: _____ AMB. _____ SPECS YES NO

DRIVER TESTS: APPL. WIT.
 DISCHARGE HEAD ASSY. TYPE: SURFACE UNDERGROUND WITH-OUT PRELUBE TANK & FITTINGS
 SIZE: _____ OILER VOLTAGE: _____ COMP. FLG. O.L. W.L.
 FEET: _____ COLUMN _____ TUBE _____ SHAFT ASSEMBLY OIL LUBE WATER LUBE
 BOWL ASSEMBLY: _____ STAGZ: _____ IMPELLER DIA. O.L. W.L.
 STRAINER: BASKET BRONZE BRONZE C.I. VIT.
 CONE GALV. STEEL

Model 8 ST158 4 5 PT SKIPPED Factory Agency.
8" discharge 3 days
8" X 12" body discharge Ref. 8-16-73
 DATE _____

DIST. REP. 0757
 DIST. CODE TC-3
 END USE 4501
 BY John Jean DATE 7-16 OF 73

MAINTENANCE MANUALS _____ B/L _____ P/L _____
 INVOICES _____
 DATA REQUIRED FOR: APPROVAL RECORD NONE AFTER APPROVAL
 DATE REQUIRED _____
 DIMENSION PRINTS _____
 CROSS SECTIONAL _____
 CURVES _____
 BUYOUTS _____

DO NOT DUPLICATE

QUANTITY	PART NO.	MATERIAL	DESCRIPTION	UNIT
1	3748-A	STEEL	8" x 10' TOP COLUMN PIPE	
1	3744-A	STEEL	8" x 4'-11-1/4" LG. TOP COLUMN PIPE (GREEN & RED)	
1	3747-1 A	STEEL	8" x 20'-0" LG. INTER. COL. PIPE & CPLG. (GREEN)	
1	3746-1 A	STEEL	8" x 10'-0" LG. INTER. COL. PIPE & CPLG. (GREEN)	
1	3745-1 A	STEEL	8" x 5'-0" LG. INTER. COL. PIPE & CPLG. (GREEN)	
1	887-3		1/4" x 3/4" x 5' Lg. Tubing Shaft Assy. 1 Piece	
1	888-1	B/M	1-1/2 x 1" x 20' LG. TUBE & SHAFT ASSY.	
1	888-2	B/M	1-1/2 x 1" x 10' LG. TUBE & SHAFT ASSY.	
1	888-3	B/M	1-1/2 x 1" x 5' LG. TUBE & SHAFT ASSY.	
2	889-1	B/M	2 x 1-3/16 x 20' LG. TUBE & SHAFT ASSY.	
2	889-2	B/M	2 x 1-3/16 x 10' LG. TUBE & SHAFT ASSY.	
2	889-3	B/M	2 x 1-3/16 x 5' LG. TUBE & SHAFT ASSY.	
2	890-1	B/M	2-1/2 x 1-1/2 x 20' LG. TUBE & SHAFT ASSY.	
2	890-2	B/M	2-1/2 x 1-1/2 x 10' LG. TUBE & SHAFT ASSY.	
2	890-3	B/M	2-1/2 x 1-1/2 x 5' LG. TUBE & SHAFT ASSY.	
2	891-1	B/M	2-1/2 x 1-11/16 x 20' LG. TUBE & SHAFT ASSY.	
2	891-2	B/M	2-1/2 x 1-11/16 x 10' LG. TUBE & SHAFT ASSY.	
2	891-3	B/M	2-1/2 x 1-11/16 x 5' LG. TUBE & SHAFT ASSY.	
3	892-1	B/M	3 x 1-15/16 x 20' LG. TUBE & SHAFT ASSY.	
3	892-2	B/M	3 x 1-15/16 x 10' LG. TUBE & SHAFT ASSY.	
3	892-3	B/M	3 x 1-15/16 x 5' LG. TUBE & SHAFT ASSY.	
1			8" x 12" Lg. NPT Thread one end nipple	
1			ENCLOSING TUBE	
1			LINESHAFT BEARING	
1			LINESHAFT	
1			LINESHAFT	
1			COUPLING	
1			dash 8 & 2 w/ 10' Rubber Band	
1		RUBBER	8" x 1/4" ENCLOSING TUBE STABILIZER	
1		GALV. STL.	STRAINER - CONE - BASKET	

OIL LUBE COLUMN - 8 THRD. STRUT.

10 FT. 8" 1/16

10 FT. 1/16

ORDER NO. A7-15709
 NO. UNITS
 SHEET 2 OF 3

UNITS	QTY	PART NO.	MATERIAL	DESCRIPTION
1	1	5963-A	C.I.	DISCHARGE BOWL
1	1	623-A	BRZ.	DISCHARGE BOWL SCREW BEARING
1	1	3226-A	HI-LD-BRZ.	DISCHARGE BOWL BEARING
1	1	6227-19	IND. COMP.	"O" RING - 1" I.D. x 1-1/4 O.D. x 1/8
1	1	63x287	CARLOCK	DISCHARGE BOWL SEAL
1	1	9278	C.I. - 40	TUBE ADAPTER
1	1	624	BRZ.	TUBE ADAPTER SCREW BEARING
1	1	8364-A	C.I.	INTERMEDIATE BOWL
1	1	3226-A	HI-LD-BRZ.	INTER, BOWL BEARING
1	1	7374	BRZ.	IMPELLER "4 3/4" 5 VANES
1	1	327-A	STL.	LOCK COLLETS
1	1	8365-A	C.I.	SUCTION BELL
1	1	3226-A	HI-LD-BRZ.	BELL BEARING
1	1	8367-A	BRZ.	SAND COLLAR
1	1	9280	416 ST. STL.	PUMPSHAFT 1" X 3/4 X 32 3/8
1	1	712	STL.	COUPLING
1	1	6989-A	CALV. STL.	BASKET STRAINER
1	1	4617-A	CALV. STL.	CLIPS
1	1	3537	C.I.	Discharge Underpin Flange

SHAFT PROJECTION ABOVE COL. SEAT - 20"
 SHAFT PROJECTION ABOVE TUBE SEAT - 10"
 MINIMUM END PLAY - 7/16

1 STAGE 8" BOWL ASSEMBLY
 3/4" SHAFT 1/4" TUBE OIL LUBE

ORDER NO. A7-15709
 NO. UNITS 1
 SHEET 3 OF 3


energenecs
QUOTE
Order Number: 0027374
Order Date: 7/28/2016
Salesperson: JFH

Sold To:
 Sister Bay WWTP
 Attn: Accounts Payable
 PO Box 91
 Sister Bay, WI 54234

Ship To:
 Sister Bay WWTP
 2124 Autumn Court
 Sister Bay, WI 54234

Confirm To: Mike Schell

Customer Number: SIS029

Customer P.O. QUOTE	Ship VIA UPS GROUND	F.O.B.			Terms Net 30	
Item Code	Unit	Ordered	Shipped	Back Order	Cost/Unit	Amount
/LABOR	Labor HOUR	8.00	0.00	0.00	110.00	880.00
We estimate 8 hours to be billed actual time and material						
/ZONE 2	Trip Charge MILE	1.00	0.00	0.00	250.00	250.00
FMX21-6HE1/101 Whse: 000	Sensor d=1.66", 0-15, 60', Sub EACH	1.00	0.00	0.00	1,448.49	1,448.49
Sensor d=1.66", 0-15, 60', Submersible Level Sensor , Probe, Level measurement, FM, d=1.66", 0-15', 60', Clamp						
(FE) - Approval: FM IS C1.I Div. 1 Gr. A-D, AEx ia, Z1, (2) - Output: 4-20mA HART, (2) - Probe Tube: 316L, d=42mm/1.66", Flush Mount, (1G) - Sensor Range: 600mbar/60kPa/9psi Gauge, Factory Range:0-15' H2O, (G) - Reference Accuracy: Standard, (J) - Calibration; Unit: Sensor Range; inH2O/ftH2O, (21) - Probe Connection: 60', Shortable, PE, (A) - Seal: FKM Viton, (PO) -amp;gt;Accessory Enclosed: Suspension Clamp, 316L						
2938837 Whse: 000	Power Supply, 120x24, 4A EACH	1.00	0.00	0.00	143.94	143.94
700-HA32A1 Whse: 000	Relay, DPDT, 120VAC, 2P EACH	1.00	0.00	0.00	15.41	15.41
700-HN100 Whse: 000	Relay Base, 8 Pin EACH	1.00	0.00	0.00	6.16	6.16
/MISC-SERVICE	Miscellaneous Items - Service EACH	1.00	0.00	0.00	100.00	100.00

Continued



energenecs

QUOTE

Order Number: 0027374
 Order Date: 7/28/2016
 Salesperson: JFH

Sold To:
 Sister Bay WWTP
 Attn: Accounts Payable
 PO Box 91
 Sister Bay, WI 54234

Ship To:
 Sister Bay WWTP
 2124 Autumn Court
 Sister Bay, WI 54234

Confirm To: Mike Schell

Customer Number: SIS029

Customer P.O. QUOTE	Ship VIA UPS GROUND	F.O.B.	Terms Net 30
------------------------	------------------------	--------	-----------------

Item Code	Unit	Ordered	Shipped	Back Order	Cost/Unit	Amount
Misc touchscreen mounting hardware						
FAZ-C15/1-NA-SP Whse: 000	Breaker, 15A, 1P, 489 EACH	1.00	0.00	0.00	25.67	25.67
if he's looking for a single pole din mount breaker.FAZ-C15/1-NA-SP Eaton						
*PFXLM4301TADAC	EACH	1.00	0.00	0.00	1,527.00	1,527.00
LT4301 series 5.7 quick mount controller						
*PFZXMADSM31	EACH	1.00	0.00	0.00	202.59	202.59
Rear module separation cable						
/FREIGHT	Freight and Handling EACH	1.00	0.00	0.00	0.00	0.00
Prepay and Add						
/MISC-SERVICE	Miscellaneous Items - Service EACH	1.00	0.00	0.00	0.00	0.00
Sister Bay is responsible for adding an additional buried 3/4' conduit for the submersible transducer						
/MISC-SERVICE	Miscellaneous Items - Service EACH	1.00	0.00	0.00	0.00	0.00

The conduit should go from pump enclosure to the electrical box with the pump starter approximately 13 feet away.

Convenience Fee of 3% will be added to all invoices paid by credit card.

Net Order:	4,599.26
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Order Total:	4,599.26



PROPOSAL

Date: 11/2/2016

Project Name: Storm Water Pump Replacement

To: Sister Bay WWTP
Mike Schell

Phone: 920-421-0257 cell

Fax:

Energenecs is pleased to offer the following scope of responsibility for the replacement of your existing Storm Water pump.

Estimated Storm Water site condition to be: 1200 GPM @ 11.5' TDH / 460/60/3

Proposal Includes:

(1) 6SHD075N6 Barnes Submersible pump including leg kit with 30ft quick dis-connect plug-n-play power cord.

Includes: Voltage: 460/60/3, 7.5 hp, 1150 rpm, Dual Vane impeller trimmed to the application flow conditions.

Note: The existing pre-cast concrete pump basin has a 48" Id which dimensional will not provide an adequate horizontal span for the combined length of the selected submersible pump and a fixed base elbow/guide rail system. An alternative solution is the quoted pump w/ integral legs to be free standing with a vertical riser pipe mounted and adapted w/ appropriate fittings to the existing discharge. This will also require a contractor to remove the existing concrete pre-cast cover and installing a fabricated hinged lockable access cover for pump installation / removal for pump servicing.

Also, in July 2016 an Energenecs upgrade controls quote was provided and based on the reuse of the existing 5 hp pump. If the above pump is selected, there may be additional controls adders since the above pump is a larger hp.

Optional

Labor for startup will be at our rate of \$110.00 ph plus travel expenses at \$250.00 per trip.

Proposal Excludes: Freight, Installation by others, any items not mentioned as being provided.

Total Cost: \$9,700.00 (budgetary)

All applicable taxes will be added to the above price.
Energenecs terms and conditions attached apply.

Delivery: 3 wks

If you have any questions, please contact me directly.

Sincerely,
Gary Dean
energenecs, Inc.

9700.00 Pump
4599.26 Controls
\$14299.26

No Labor included.

ENERGENECS, INC. TERMS & CONDITIONS

Purchase Order Forms

Orders submitted on BUYER'S purchase order forms will be accepted only with the express understanding that no statements, clauses or conditions contained in said order form will be binding on the SELLER if they in any way modify the SELLERS Terms & Conditions of sale.

Prices

All prices are F.O.B. factory unless expressly stated otherwise. Prices DO NOT include sales, excise, municipal, state or other government taxes.

Acceptance

Acceptance of a quotation, whether by a separate purchase order or by other means, shall constitute an acknowledgment of the quotation as written and an acceptance of the Terms & Conditions hereof.

Credit Approval

The credit terms specified on the face hereof are subject to SELLERS continuing approval of BUYERS credit and if, in SELLERS sole judgment, BUYERS credit or financial standing is so impaired as to cause SELLER in good faith to deem itself insecure, SELLER may withdraw the extension of credit and require other payment terms.

Force Majeure

Seller will not be liable for failure to deliver or perform, for any delay in the performance of orders or contracts, or in the delivery or shipment of goods, or for any damages suffered by the BUYER by reason of such delay or failure, when such delay or failure is, directly or indirectly, caused by, or in any manner arises from delays of suppliers or carriers or any other cause or causes beyond SELLER'S control.

Payment

95% payment due on shipment of equipment to job site. 5% due on acceptance of the system. Net 30 days on all invoices. 95% payment must be received before start up can be authorized. Any balance owed by BUYER is subject to a 1.5% per month delinquency charge until paid. **FIELD STARTUP SERVICE CANNOT BE AUTHORIZED WITHOUT 95% PAYMENT BEING REMITTED TO SELLER IN ADVANCE OF PERFORMING START UP SERVICES.** If no startup is required, 100% payment is due net 30 days from invoice date. **BUYERS PAYMENT OBLIGATION IS IN NO WAY CONTINGENT UPON BUYERS RECEIPT OF PAYMENT FROM ANY OTHER PARTY.** In addition to all other amounts due hereunder, BUYER shall reimburse SELLER in full for all collection costs or charges, including reasonable attorney fees, which SELLER may incur with respect to the collection of past due amounts from BUYER, including interest on overdue accounts. If BUYER is in default under this or any other agreement with SELLER, SELLER may, at their option, defer performance hereunder until such default is cured. SELLER shall have no obligation to provide factory startup assistance and/or factory training until all invoices (including retentions) for equipment have been paid in full.

Warranty

SELLER is a system integrator/manufacturer's representative and, as such, our product guaranty(s) and warranty(s) is set forth in the manufacturer's instruction book or operation and maintenance manual that accompanies each product. SELLER does not offer its customers any warranty or guarantee that would impose upon SELLER greater obligations than those imposed by the manufacturers we represent.

SELLER shall not be liable for any incidental or consequential loss, damage or expense arising directly or indirectly from the use of the product. SELLER shall not be liable for any damages or charges for labor or expense in making repairs or adjustments to the product within the warranty period without prior written approval of SELLER. SELLER shall not be liable for any damages or charges sustained in the adaptation or use of its engineering data or services.

SELLER makes no warranties, expressed or implied, except as set forth in such standard Terms & Conditions of sale in this agreement. No claims of any kind shall be greater in amount than the purchase price of the SELLER'S products in respect of which such claims are made. SELLER is not liable in any event hereunder for any consequential, incidental or liquidated damages or penalties. **IN ANY CASE SELLER SHALL NOT BE LIABLE FOR FIELD WORK BY STAFF OTHER THAN THE SELLER UNLESS EXPRESSLY AUTHORIZED IN WRITING, IN ADVANCE, BY THE SELLER. THIS IS IN SPECIFIC REGARD TO BACK CHARGES.**

BUYER agrees to reimburse SELLER for ALL expenses incurred in servicing a warranty request if the cause of the warranty request is determined to be other than a manufacturer's defect or failure of a SELLER supplied component.

Claim Period

All goods are shipped at the risk of the buyer after they have been delivered by SELLER to the carrier. BUYER shall immediately inspect said equipment upon receipt of equipment and any damage must be noted on the freight carriers bill of lading at time of receipt. SELLER is not liable for any shortages or non-conformance unless notified thereof by BUYER within 10 days after BUYERS receipt of said equipment.

Changes, Cancellations, Returns

All requests for changes, cancellations and/or returns must have prior written approval and are conditional on manufacturers cancellation/return policies and subject to a restocking and/or service charge for order handling, inspection, reconditioning and repackaging, as required. Authorized returned goods must be packaged and shipped prepaid to manufacturer. Products more than six (6) months old cannot be returned for credit. Terms and conditions stated herein shall also govern and be binding to all BUYER requested/approved change orders.

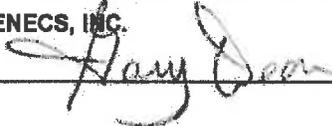
SELLER shall retain a security interest in the equipment until the full purchase price has been paid. BUYER'S failure to pay any amounts when due shall give SELLER the right to possession and removal of the equipment at any time upon giving at least ten (10) days prior written notice. SELLER'S taking of such possession shall be without prejudice to any other remedies SELLER may have. Title to the equipment shall transfer to the BUYER upon shipment from SELLER.

Submittal Drawings and Operation/Maintenance Manuals

Submittal drawings and operation & maintenance documentation is provided in accordance with plan documents.

THE SELLER RESERVES THE RIGHT TO REVIEW AND REVISE THIS PROPOSAL AFTER THIRTY DAYS FROM ISSUANCE.

ENERGENECS, INC.

By: 

I accept this proposal and all terms thereof.

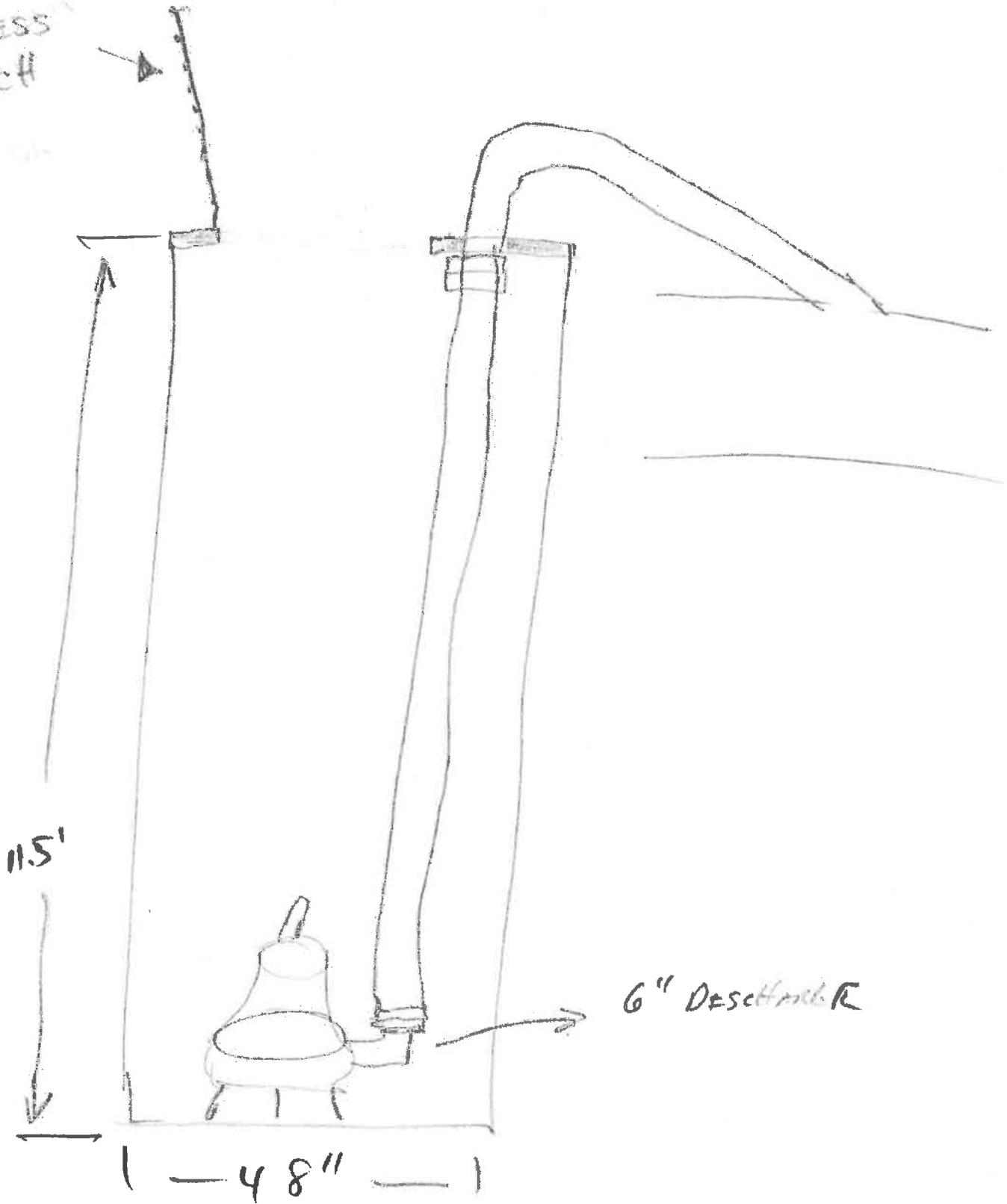
Accepted: _____

Title: _____

Date: _____

SESTER BAY - STORM WATER STATION

NEW
ACCESS
HATCH



ESTIMATED CONDITIONS: 1200 GPM @ 11.5' TDH

460/60/3

CONTROLS QUOTE # 0027374



Village of Sister Bay PROJECTS REPORT

Meeting Date: 12/13/16
Item No.: 3

Activities:

Harbor View- Engineering work is complete for the project. It is my understanding that a first round of bidding has taken place. On speaking with Mr. Gokey, his intention is to manage both the Harbor View and Mill Rd. West projects simultaneously. The hold up is state plan approval on the Mill Rd. West site. Gokey reports that Architect Steve Thomas has had delays in producing finished work product. I would anticipate based on our conversations that Gokey will continue site prep work over winter, and begin foundations and utility work in spring.

Stony Ridge-

The Village closed on a loan with Keith Garot for infrastructure improvements on the Stony Ridge Project on 5/25. The loan was in the amount of \$590,000 through the TIF, and was to facilitate development of 24 apartment units (3 buildings), 50 garage units, 13 single family homes, and 2 condo buildings. The loan was secured with primary interest in lots 1,2,3,8,9,10,11,12,13,14,15,16,17,18, and each lot's appurtenant ownership interest in Outlot 1, and a subordinate, secondary security interest on Outlot 2.

Construction is actively under way. On a site inspection, Mr. Schell reported an anomaly on the installation of Utilities on 11/9. At that time, Utilities had not been extended to 6 single family lots, (see attached map, lots 12, 13, 14, 15, 16, and 17) and no road work had been completed (road work was not anticipated to be completed until late spring). I called a meeting with Garot, Nesbitt, Schmidt, Schell, and Guillette on 11/16 to discuss why utility infrastructure was not being installed on the aforementioned lots.

Garot reported that he had done as much work as he could with the Village's loan proceeds, and that he would be responsible for the additional utility infrastructure. This would weaken the Village's security position on 6 single family lots, substantially devaluing them in the event of a default. Through the conversation, staff worked to maintain compliance with the Zoning Code and Development Agreement by compelling to install utility infrastructure now with proceeds from the Village loan, and be compelled to install roadways on monies in addition to the loan.

This does a few things:

1. It strengthens the Village's security position in the event of a default as utility infrastructure is in place.
2. It allows us to withhold an occupancy permit for the apartments and garage units until such a time that the roadway is completed according to the project plans.
3. Since lots 4, 5, 6, and 7 and Outlot 2 are mortgaged to Bank of Luxemburg, they can be partners in helping us ensure that Mr. Garot fulfills his obligations.

The project is moving ahead, and Mr. Garot will be compelled to complete the roadway according to the project plans before occupancy permits are issued.

There are approximately \$45,000 held in escrow by Pinkert to pay the interest only portion of this loan, giving Mr. Garot substantial time to get the project "up and running".

Braun –

Staff will work with REL and PTS construction to actively ensure that the project is finished on time and, if possible, under budget. I have brought plans to the meeting if anyone is interested in seeing them.

SURVEYOR'S CERTIFICATE

I, Steven M. Bieda, Professional Land Surveyor, S-2275, hereby certify:

In full compliance with the provisions of Chapter 236, Wisconsin Statutes, and the subdivision regulations of the Village of Sister Bay and the Door County Planning Commission...

Commencing at the West 1/4 corner of Section 8, T31N-R28E; thence N89°37'04"E, 1345.79 feet along the South line of the Northwest 1/4 of said Section 8 to the Southwest corner of the Southeast 1/4 of said Northwest 1/4...

Parcel contains 1,093,937 square feet / 25.11 acres, more or less. Road dedication contains 100,346 square feet / 2.30 acres, more or less.

Steven M. Bieda PLS-2275 July 11, 2014 Revised: July 28, 2014 Revised: August 22, 2014 Revised: September 4, 2014 Revised: September 10, 2014 Revised: September 16, 2014 Revised: September 22, 2014 Revised: December 3, 2014 Revised: December 8, 2014 (DOA Review)

RESTRICTIVE COVENANTS

The land on all side and rear lot lines of all lots shall be graded by the property owner and maintained by the abutting property owners to provide for adequate drainage of surface water.

Each lot owner shall grade the property to conform to the adopted sidewalk grade elevation and maintain said elevation for future sidewalks.

No poles, pedestals or buried cable are to be placed so as to disturb any survey stake or obstruct vision along any lot lines or street line...

Plot to be designed and constructed to meet local and state approved grading plan and to be approved by the Village of Sister Bay and the Wisconsin Department of Transportation...

LIMITED LIABILITY COMPANY OWNER'S CERTIFICATE

Stony Ridge Development LLC, a limited liability company duly organized and existing under and by virtue of the laws of the State of Wisconsin, does hereby certify that we caused the land described on Stony Ridge to be surveyed, divided, mapped and dedicated as represented herein...

VILLAGE OF SISTER BAY DOOR COUNTY WISCONSIN DEPARTMENT OF TRANSPORTATION WISCONSIN DEPARTMENT OF ADMINISTRATION

In Witness Whereof, the said Stony Ridge Development LLC has caused these presents to be signed by Keith E. Garot, its Member, on this ___ day of ___, 20__.

Keith E. Garot Member

Personally came before me this ___ day of ___, 20__, the above named Member of said Limited Liability Company and acknowledged that he executed the foregoing instrument as such Member as the deed of said Limited Liability Company, by its authority.

Notary Public My Commission Expires ___ County, Wisconsin

STATE OF WISCONSIN } SS COUNTY OF DOOR }

CERTIFICATE OF CORPORATE MORTGAGEE

___ a corporation duly organized and existing under and by virtue of the laws of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this Plat and does hereby consent to the above certificate of ___ Owner(s).

IN WITNESS WHEREOF, ___ has caused these presents to be signed by ___ its ___ and countersigned by ___ its ___ at ___ this ___ day of ___.

Personally came before me this ___ day of ___, 20__, the above named officers of said corporation to me known to be the persons who executed the foregoing instrument and to me known to be such officers of said corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said corporation, by its authority.

Notary Public My Commission Expires ___ County, Wisconsin

STATE OF WISCONSIN } SS COUNTY OF ___ }

CERTIFICATE OF CORPORATE MORTGAGEE

___ a corporation duly organized and existing under and by virtue of the laws of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this Plat and does hereby consent to the above certificate of ___ Owner(s).

IN WITNESS WHEREOF, ___ has caused these presents to be signed by ___ its ___ and countersigned by ___ its ___ at ___ this ___ day of ___.

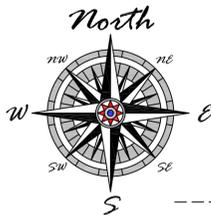
Personally came before me this ___ day of ___, 20__, the above named officers of said corporation to me known to be the persons who executed the foregoing instrument and to me known to be such officers of said corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said corporation, by its authority.

Notary Public My Commission Expires ___ County, Wisconsin

STATE OF WISCONSIN } SS COUNTY OF ___ }

Stony Ridge

Parts of the Southeast 1/4 of the Northwest 1/4 and the Northeast 1/4 of the Northwest 1/4 of Section 8, T31N-R28E, in the Village of Sister Bay, Door County, Wisconsin.



Bearings referenced to the South line of the Northwest 1/4 of Section 8, T31N-R28E, assumed to be N89°37'04"E.

CERTIFICATE OF THE VILLAGE OF SISTER BAY

Approved for the Village of Sister Bay this ___ day of ___, 20__.

Christy M. Sully Village Clerk

CERTIFICATE OF THE TREASURER

As duly elected Door County Treasurer and Village of Sister Bay Treasurer, we hereby certify that the records in our offices show no unredeemed tax sales and no unpaid taxes or special assessments affecting any of the lands included in this Plat as of the dates listed below.

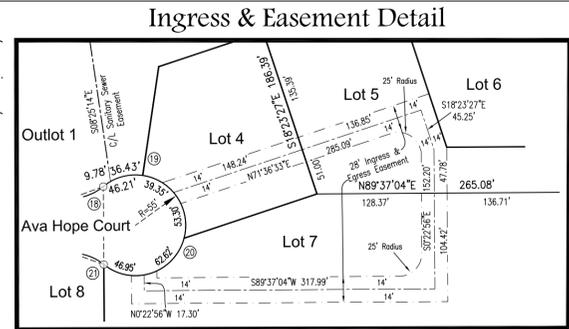
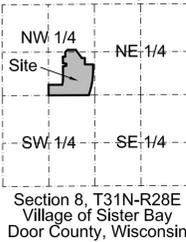
Jay Zahn Date Door County Treasurer

Christy M. Sully Date Village of Sister Bay Treasurer

Curve Data

Table with columns: CURVE, ARC LENGTH, RADIUS, CHORD LENGTH, CHORD BEARING, CENTRAL ANGLE, TANGENT BEARING. Contains 25 rows of curve data.

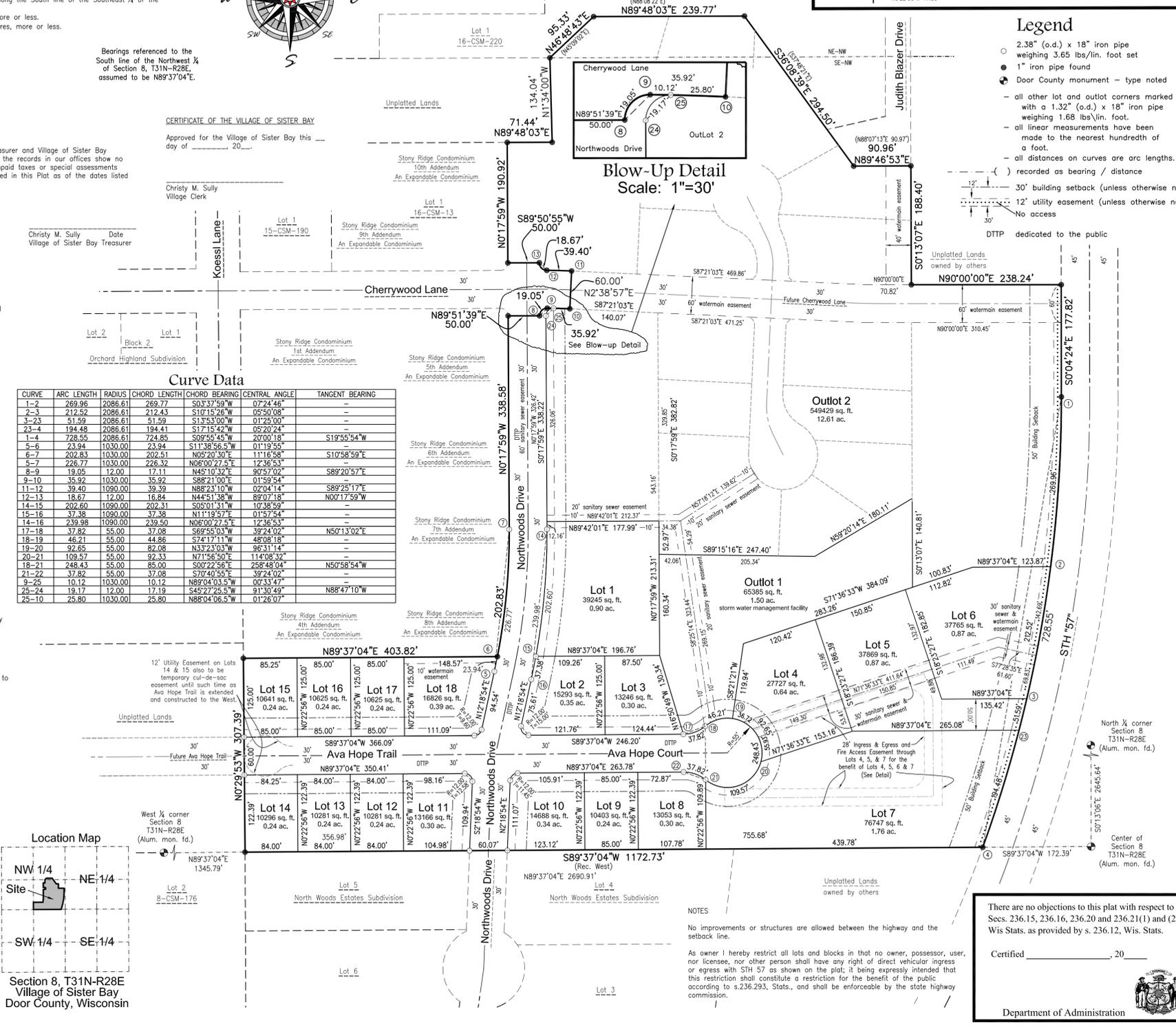
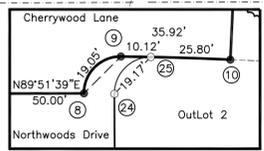
Location Map



Legend

- 2.38" (o.d.) x 18" iron pipe weighing 3.65 lbs./lin. foot set
1" iron pipe found
Door County monument - type noted
all other lot and outlot corners marked with a 1.32" (o.d.) x 18" iron pipe weighing 1.68 lbs./lin. foot.
all linear measurements have been made to the nearest hundredth of a foot.
all distances on curves are arc lengths.
recorded as bearing / distance
30' building setback (unless otherwise noted)
12' utility easement (unless otherwise noted)
No access
DITP dedicated to the public

Blow-Up Detail Scale: 1"=30'



NOTES

No improvements or structures are allowed between the highway and the setback line.
As owner I hereby restrict all lots and blocks in that no owner, possessor, user, nor licensee, nor other person shall have any right of direct vehicular ingress or egress with STH 57 as shown on the plat; it being expressly intended that this restriction shall constitute a restriction for the benefit of the public according to s.236.293, Stats., and shall be enforceable by the state highway commission.

There are no objections to this plat with respect to Secs. 236.15, 236.16, 236.20 and 236.21(1) and (2), Wis Stats. as provided by s. 236.12, Wis. Stats.
Certified ___ 20__
Department of Administration

SCALE 1"=100'

DRAWN BY JMB

TAX PARCEL NO. 1810008312824F

Stony Ridge

Mau & Associates LAND SURVEYING & PLANNING CIVIL & WATER RESOURCE ENGINEERING Phone: 920-434-9670 Fax: 920-434-9672

Stony Ridge Development LLC PROJECT NO. L-18907 SHEET NO. 1 of 1 DRAWING NO. P-2190

