

Operations Committee Meeting
Thursday, June 2, 2022 8:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

We have nothing to consider for unfinished business.

2. WILD NE AND OTHER PROGRAMS

Annual Corners for Wildlife payment to Gerhold Inc., 38 acres in Butler County for \$3,820.00. This is the 4th year of 5. The District is reimbursed 100% from Pheasant Forever.

3. OPERATION & MAINTENANCE & OTHER ITEMS

The O & M Dept. has been busy packaging and finished planting trees.

3.A. Wanhoo Stilling Basin - (FEMA)

General Excavating was successful in drilling 9-10 holes at depths of 18", 24" and 36", adding epoxy and placing the anchors. Terracon did the pull test on all the anchors (results attached). The overall results were good for the quality of what is left in the RCC slab. Designing is in progress.

Progress on Wanhoo Apron:

1. Cleaning and anchor pull test completed last month.
2. Testing results from anchor pull tests were favorable...no failures in underlying RCC and resulting strengths were good
3. Met internally to develop design procedure
4. Vetted design procedure and design parameters with Gokie
5. Currently assessing various combinations of rebar reinforcement w/ fiber reinforced concrete (working w/ Wahoo concrete on that)
6. Developing plans/specs to bid by end of summer

3.B. Wanhoo Relief Well Reconditioning

Rieschick Drilling Co. has been delayed by the weather and hopes to be on sight in early June.

3.C. Equipment Purchases -(FEMA)

Attached is a list of equipment the District plans to purchase through FEMA's 428 funding. Equipment we will utilize on projects that were repaired by FEMA funding after the 2019 flood event.

FEMA approved the list which is approximately a year old, so the cost will be higher today. We believe FEMA will cover the new cost since we are not close to the total FEMA allocation. If, for some reason, FEMA does not fund 95% of the new cost, the District would have to burden that cost. We will not know what FEMA will pay until the final piece of equipment is purchased and we submit all invoices. Attached is the new cost quote for a Bobcat.

3.D. Lower Platte Weed Management Contribution

Attached is an invoice for \$30,000 from the Papio-Missouri NRD for the Lower Platte Weed Management group. We contribute along with Papio and Lower Platte South NRD each year for the Weed Group to attack noxious and invasive plants on the Platte River and near by tributaries.

3.E. Community Forestry Program

The City of Schuyler is requesting cost share for planting four trees in their America's Pathway Park in their downtown business district. Their estimated cost is \$1,000 for four trees. Our policy is 50% upto \$1,000.

3.F. Transfer Funds to Large Structure O & M Fund

To transfer \$100,000 from the Capital Expenditure Budget No. 162000 (Large Structure O & M) to the Large Structure O & M Sinking Fund.

4. ROCK AND JETTY

We have not received any applications or request for payment.

5. LAKE WANAHOO

The park is now staffed with all of our temporary full time technicians and guard shack staff. LPNNRD finally received final approval on the FEMA 428 funds. Staff has received the Bobcat CT4045 compact tractor and has reached out to the other vendors to place orders for previously approved equipment. Inflation has increased the cost of many of these items, but FEMA has notified us that reasonable increases in cost will be allowed under the same cost share percentages.

5.A. Public Request for Community Building

A member of the local community has spoken with Mountford regarding the potential of construction of a community building at Lake Wanahoo. This idea has been brought up in the past and was presented as park of our long term park improvement presentation at the LPNNRD Board Retreat this past winter.

5.B. Lake Wanahoo Permit Sales

For the month of May, 890 annual permits were sold for a total revenue of \$14,745.00. The year by year break down is shown below. Attached is the breakdown of permits sold based on location and type (report was pulled on 6/1, 5 permits were sold totaling \$87.50).

Month	Monthly Total	YTD
May 2022	\$14,745.00	\$51,978.00
May 2021	\$14,032.50	\$62,595.00
May 2020	\$29,177.50	\$67,110.00
May 2019	\$15,597.50	\$55,095.00

5.C. Lake Wanahoo Camping Revenue

Camping revenue continues to increase as we make the transition into summer. An accurate number will be provided at Board Meeting.

5.D. Clint Johannes Education Building

During the month of May, the building was rented 24 times, with 7 NRD rentals/education events. Revenue for the month was \$1,660.

6. INFORMATION AND EDUCATION

6.A. Information

6.A.1. Radio & eAds

May's KTIC Radio ad featured the upcoming deadline for chemigation permits on June 1st.

The Wahoo Newspaper is going through staffing changes and do not have someone able to update the e-ad at this time, so there was no new ad for the website in May.

6.A.2. Analytics

FACEBOOK	Total Reach	Engagements	Followers
May	5,222	279	1,372
April	16,785	863	1,360
March	18,460	1,770	1,346

TWITTER	Total impressions	Engagements	Followers
May	2,140	112	367
April	9,962	481	365
March	7,169	340	362

Top Posts on Facebook and Twitter:

- Nocturnal Night event flyer
- Natural Resources Camp flyer
- Spring Conservation Sensation press release and pictures
- Visit Wanahoo for bird-watching (May is bird month)
- Drought monitor updates every Friday

WEBSITE	Users	Traffic Channel	Top Pages	Devices
May	2,228	Organic 67.2% Direct 21% Referral 9.7% Social 2.1%	Lake Wanahoo Home Czechland Outdoor Recreation Contact	Mobile 59.83% Desktop 38.91% Tablet 1.26%
April	1,484	Organic 63.7% Direct 22% Referral 12.2% Social 2.1%	Lake Wanahoo Home Czechland Forestry Staff	Mobile 55.35% Desktop 42.69% Tablet 1.95%

March	1,899	Organic 48.9% Direct 36% Referral 10.8% Social 4.3%	Home Lake Wanahoo Czechland Forestry Downloads	Desktop 49.18% Mobile 47.81% Tablet 3%
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37 from NARD's website.

45 clicks from Facebook to our website and 3 clicks from Twitter to our website.

6.A.3. News Channel Nebraska

Attached is the May marketing spots for the Operations and Maintenance 30-second video. This ends our current fiscal year schedule.

Proposed schedule (unless we are able to update the Water Department video before Fall).

July 2022	:30 video	Wanahoo	\$475
August 2022	:30 video	I&E	\$475
September 2022	-	-	-
October 2022	:30 video	O&M	\$475
November 2022	-	-	-
December 2022	:30 video	Projects	\$475
January 2023	-	-	-
February 2023	:30 video	I&E	\$475

5 videos at \$475 = 2,375

6.A.4. County Fair Booth

LPNNRD will have a booth at the Butler County Fair again this year: July 15-17. \$130 for 8' x 10' booth.

6.B. Education

6.B.1. Past Events

May 16th: Wahoo 3rd grade field trip.

May 18th: Wahoo Field Day, Archery Station

May 20th: Nocturnal Night*

May 23rd: Girl Scout Troop Night

6.B.2. Future Events

June 6th-10th: NRD Nature Camp*

June 16th: Coffee, Lakeside: Frogs and Toads

June 21st: High School Trivia and Game Night

June 27th-28th: LEED Educators Workshop

7. RURAL WATER SYSTEMS

The RWD responded to three locate (811) requests.

The 2021 DHHS Water Quality reports were publicly posted at both the Colon and Bruno Post Offices. We also have it posted on the NRD website, under the Rural Water page : <https://lpnnrd.org/projects-and-programs/rural-water-systems/>

7.A. Colon System

The RWD/NRD has been contacted by the Village of Colon in regards to an easement we have in place on a tract of land they wish to split and sell. The tract includes the old well and pumphouse. The well is not used for the water system and is only to be used for emergencies. The village uses the well to fill fire trucks, as well as other non potable uses. The Village of Colon is requesting if the LPNNRD would be willing to release the Easement on at least Parcel 1, Parcel 2, and Parcel 3. If the LPNNRD wishes a new easement for Parcel 3, with the water well and pump house (for emergency purposes) it would be acceptable to the Village.

Elliott worked with USDA-RD to submit the requisite annual paperwork for the loan we are carrying on the Colon RWD.

Routine monthly sampling completed, bills mailed 5/31.

7.B. Bruno System

The RWD completed lead and copper testing for the Bruno RWD. If all levels remain below action limit standards then we will move to sampling every three years.

Routine monthly sampling completed, bills mailed 5/31.

7.C. Other

GENERAL OBSERVATION REPORT



Report Number: 05211362.0001
Service Date: 05/11/22
Report Date: 05/17/22
Task: 18 - Post Installed Anchors Pull Testing

15080 A Cir
Omaha, NE 68144-5558
402-330-2202

Client

FYRA Engineering, LLC
Attn: Ethan Miller
12702 Westport Parkway
Suite 300
Omaha, NE 68138

Project

Wanahoo Dam - Anchor Pull Testing
Hwy 92 and County Rd 16
Wahoo, NE

Project Number: 05211362

Two Terracon representatives travelled to the site for anchor bolt pull testing for the outfall slab repair. See the attached picture for locations. The bolts were pulled to a pre-determined load per an email from Ethan Miller with FYRA Engineering. The bolts installed at an 18" and 36" depth were pulled to 28.3 kips and the bolts installed at 24" depth were to be pulled to 37.7 kips. All bolts were held for 2 minutes at full load. See results in the table below.

Anchor No.	Bolt Diameter	Embedment Depth	Results
1	3/4"	36"	Bolt held at load successfully with 3/8" elongation.
2	3/4"	24"	Bolt failed at 29 kips. Tensile strength of bolt exceeded with visible deformation.
3	3/4"	18"	Bolt held at load successfully with 1/2" elongation.
4	3/4"	24"	Bolt failed at 29 kips. Tensile strength of bolt exceeded with visible deformation.
5	3/4"	18"	Bolt held at load successfully with 1/2" elongation.
6	3/4"	36"	Bolt held at load successfully with 3/8" elongation.
7	3/4"	24"	Bolt failed at 29 kips. Tensile strength of bolt exceeded with visible deformation.
8	3/4"	36"	Bolt held at load successfully with 3/8" elongation.
9	3/4"	18"	Bolt held at load successfully with 1/8" elongation.

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FYRA Engineering, LLC
Attn: Ethan Miller
12702 Westport Parkway
Suite 300
Omaha, NE 68138

Project

Wanhoo Dam - Anchor Pull Testing
Hwy 92 and County Rd 16
Wahoo, NE

Project Number: 05211362



Services: Travel to the project site to perform testing/observation services as requested.

Terracon Rep.: Shawn E. Miller
Reported To: Eric Suing, FYRA Engineering
Contractor:
Report Distribution:

Reviewed By:

Shawn E. Miller
Field Supervisor

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Bobcat T771	\$62,116.60
John Deere 6145M	\$131,500.00
Hach FH950	\$9,265.00
Bobcat CT4045 Compact Tractor HST	\$27,319.00
Mule 4010 and Accessories	\$13,600.00
2 Stihl chainsaws MS-291 and MS-311	\$917.98
Stihl HT 131 Pole Saw	\$586.49
John Deere 1550	\$23,099.18
Single Axle Trailer 82"x14'	\$3,700.00
Land Pride GS1572 Grading Scraper	\$2,150.00
Land Pride BB2572 Box Scraper	\$1,875.00

\$276,129.25



Bobcat

Product Quotation

Quotation Number: AMS-06912

Date: 2022-05-13 10:32:00

Customer Name/Address:	Bobcat Delivering Dealer	ORDERS TO BE PLACED WITH: Contract Holder/Manufacturer
LOWER PLATTE NORTH NRD 511 COMMERCIAL PARK ROAD PO Box 126 WAHOO, NE 68066	Alan Makovicka Bobcat of Omaha, Omaha, NE 8701 SOUTH 145TH STREET OMAHA NE 68138-3618 Phone: (402) 895-6660 Fax: 402-884-2497	Clark Equipment Company dba Bobcat Company 250 E Beaton Dr West Fargo, ND 58078 Phone: 701-241-8719 Fax: 855-608-0681 Contact: Heather Messmer Heather.Messmer@doosan.com

Description	Part No	Qty	Price Ea.	Total
T770 T4 Bobcat Compact Track Loader	M0285	1	\$55,195.70	\$55,195.70
92 HP Turbo Tier 4 Diesel Engine	Lift Arm Support			
Air Intake Heater (Automatically Activated)	Lift Path: Vertical			
Auxiliary Hydraulics: Variable Flow	Lights, Front & Rear			
Backup Alarm	Operator Cab			
Bob-Tach	<ul style="list-style-type: none"> Includes: Adjustable Suspension Seat, Top & Rear Windows, Seat Bar, Seat Belt Roll Over Protective Structure (ROPS) meets SAE-J1040 & ISO 3471 Falling Object Protective Structure (FOPS) meets SAE-J1043 & ISO 3449, Level I; (Level II is available through Bobcat Parts) 			
Bobcat Interlock Control System (BICS)	Parking Brake: Spring Applied, Pressure Released (SAPR)			
Controls: Bobcat Standard	Tracks: Rubber, 17.7" wide			
Engine/Hydraulic Systems Shutdown	Warranty: 2 years, or 2000 hours whichever occurs first			
Horn				
Instrumentation: Engine Temp & Fuel Gauges, Hourmeter, RPM and Warning Lights				
P67 Performance Package	M0285-P06-P67	1	\$4,269.30	\$4,269.30
Power Bob-Tach	2-Speed			
7-Pin Attachment Control Kit	Hydraulic Bucket Positioning			
High Flow				
C37 Comfort Package	M0285-P07-C37	1	\$4,504.50	\$4,504.50
Enclosed Cab with AC/Heat	Deluxe Instrument Panel with Keyless Start			
Sound Reduction	Radio			
Cab Accessories Package	Heated Cloth Air Ride Suspension Seat			
Selectable Joystick Controls (SJC)	M0285-R01-C04	1	\$661.50	\$661.50
17.7" Multi-Bar Tracks	M0285-R09-C05	1	\$595.00	\$595.00
Roller Suspension Undercarriage	M0285-R21-C13	1	\$1,249.50	\$1,249.50
80" Severe Duty Bucket	7326129	1	\$1,553.44	\$1,553.44
--- Long Bolt-on tooth kit	7355992	9	\$49.65	\$446.85
Total of Items Quoted				\$68,475.79
Dealer P.D.I.				\$300.00
Freight Charges				\$810.00
Dealer Assembly Charges				\$135.00
Other Charges: Material and Logistics				\$6,266.00
Quote Total - US dollars				\$75,986.79

Notes:

***Prices per the Nebraska NASPO Construction - 153360C**

***Terms Net 60 Days. Credit cards accepted.**

***FOB Destination**

***State Sales Taxes apply. IF Tax Exempt, please include Tax Exempt Certificate with order.**

***TID# 38-0425350**

****Orders Must Be Placed with Clark Equipment Company dba Bobcat Company, Govt Sales, 250 E Beaton Drive, West Fargo, ND 58078.***

***Quote valid for 30 days**

ORDER ACCEPTED BY:

SIGNATURE

DATE

PRINT NAME AND TITLE

PURCHASE ORDER NUMBER

DELIVERY ADDRESS: _____

BILLING ADDRESS (if different than Ship To): _____

TAX EXEMPT? _____ YES _____ NO

Exempt in the State of _____

Tax Exempt ID:

FEDERAL - _____

STATE - _____

Expiration Date: _____

Papio-Missouri River Natural Resources District

INVOICE

8901 S. 154th St (402) 444-6222
Omaha, NE 68138

SOLD TO:
LOWER PLATTE NORTH NRD
ATTN: BOB HEIMANN
PO BOX 126
WAHOO, NE 68066

INVOICE NUMBER | 1
INVOICE DATE | 5/5/2022

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1.000	Lump Sum 2022 Lower Platte Weed Management contribution	\$ 30,000.00	\$30,000.00
SUBTOTAL			\$30,000.00
			\$30,000.00 PAY THIS AMOUNT

DIRECT ALL INQUIRIES TO:
Paul Woodward
Project Manager
pwoodward@papionrd.org

MAKE ALL CHECKS PAYABLE TO:
Papio-Missouri River NRD
Attn: Accounts Receivable
8901 S. 154th St
Omaha, NE 68138

Lake Wanahoo Permit Sales - 2022

Resident Park Permit Income YTD	Non Resident Park Permit Income YTD		Resident Duplicate Permit Income YTD		Non Resident Duplicate Permit Income YTD		Total NRD Sales YTD		Total Gross Park Permit Income YTD
\$10,755.00	\$21,045.00		\$3,337.50		\$3,452.50		\$38,590.00		\$52,065.00
Corner Market Resident	Corner Market Non Resident		Corner Market Resident Duplicate		CM NR Duplicate		Total Corner Market Sales YTD		Corner Market Convenience Fee YTD
\$6,165.00	\$4,550.00		\$2,010.00		\$750.00		\$13,475.00		\$921.00
Resident Park Permits Sold YTD	Non Res Park Permits Sold YTD		Res Duplicate Park Permits Sold YTD		Non Res Duplicate Permits Sold YTD		Total Park Permits Sold YTD		Total Net Park Permit Income YTD
1130	1029		713		337		3209		\$51,144.00
Permit Sales by Location:	Office: 699		Guard Shack: 886		Web: 703		Corner Market: 921		
Sales Demographics:	Resident		Resident Duplicate		Non Resident		Non Resident Duplicate		
LPNNRD:	719		445		847		277		
Corner Market:	411		268		182		60		
Monetary Sales by Month 21/22:	Resident	Non Resident	Resident Duplicate	NR Duplicate	CM Resident	CM Non Resident	CM Resident Dup	CM Non Res Dup	Total Monetary by Month
2021 December	\$1,170.00	\$1,150.00	\$510.00	\$400.00	\$1,095.00	\$200.00	\$457.50	\$62.50	\$5,045.00
2022 January	\$2,010.00	\$4,985.00	\$652.50	\$712.50	\$1,335.00	\$2,325.00	\$442.50	\$375.00	\$12,837.50
2022 February	\$795.00	\$1,650.00	\$262.50	\$200.00	\$420.00	\$275.00	\$172.50	\$50.00	\$3,825.00
2022 March	\$1,245.00	\$2,075.00	\$412.50	\$325.00	\$900.00	\$425.00	\$262.50	\$75.00	\$5,720.00
2022 April	\$1,830.00	\$4,605.00	\$615.00	\$937.50	\$945.00	\$550.00	\$247.50	\$75.00	\$9,805.00
2022 May	\$3,675.00	\$6,530.00	\$877.50	\$877.50	\$1,470.00	\$775.00	\$427.50	\$112.50	\$14,745.00
2022 June	\$30.00	\$50.00	\$7.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$87.50
2022 July	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 August	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 September	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 October	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2022 November	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Permits by Month 21/22:	Resident Permits	NR Permits	Res Dup Permits	NR Dup Permits	CM Res Permits	CM NR Permits	CM Res Dup Permits	CM NR Dup Permits	Total Permits by Month
2021 December	80	48	68	32	73	8	61	5	375
2022 January	134	201	87	57	89	93	59	30	750
2022 February	53	66	35	16	28	11	23	4	236
2022 March	83	83	55	26	60	17	35	6	365
2022 April	122	185	82	75	63	22	33	6	588
2021 May	245	262	117	71	98	31	57	9	890



After recording return to:
Esterson, Brenton, Laddal
Soth & Freeman-Caddy
551 North Lincoln
P.O. Box 277
Valho, NE 68066

DON CLARK
REGISTER OF DEEDS
SAUNDERS CO., NEBR.

2008 OCT 15 AM 9:32

BOOK 373 PAGE 898
OF GEN INST# 205

QAMC
449

PERMANENT INGRESS/EGRESS EASEMENT

Village of Colon, Saunders County, Nebraska, a political subdivision of the State of Nebraska, Grantor, in consideration of the terms and conditions of Ordinance No. ~~15-240~~ of the Village of Colon, Nebraska, passed and adopted December 14, 2005, and the terms and conditions as contained herein, does hereby grant and convey unto the Lower Platte North Natural Resources District, a political subdivision of the State of Nebraska, Grantee, a permanent ingress/egress easement, hereinafter called "Easement", over an across, over, across, and under the following, to wit:

The West part of Tract five (5) and Tract Four (4) in Block Thirteen (13); more particularly described as commencing at the intersection of the North line of Cherry Street and East line of Second Street in the Village of Colon, Saunders County, Neb. thence running North One Hundred thirty-five (135) feet in the running East Two hundred Forty (240) feet; thence South one hundred thirty-five (135) feet; thence West Two Hundred Forty (240) feet to the place of beginning, being part of Out Lot A, in the Village of Colon, Nebraska, in Section Three (3) Township Fifteen (15); Range Seven (7) Saunders County, Nebraska, subject to the following conditions:

1. Grantee shall have the right of ingress and egress over, across, and under the above described real estate for access to the water wells located on said real estate, or which may be located thereon in the future, and all appurtenances relating thereto, now existing or which may exist in the future.
2. Grantor shall be responsible for all maintenance of the above described real estate, including the mowing thereof during the growing season.
3. Grantee shall at all times, in utilizing this Easement, exercise all due care and diligence to avoid any injury or damage to the personal property of the Grantor and the Grantee agrees to indemnify and save harmless the Grantor from any and all such damage and loss arising or occurring to such property solely by reason of the utilization of the aforementioned Easement.
4. This Easement shall terminate if the present water wells, located upon the above described real estate, or any water wells in the future located thereon are either moved or no longer functional for the Colon Water System, and Grantee has no need for said water wells. Upon the occurrence of said event, this Easement shall be null and void and of no force or effect.
5. Grantor has lawful possession of said real estate, good, right and lawful authority to make such conveyance and that Grantor's successors and assigns shall warrant and defend the same, and will indemnify and hold harmless the Grantee forever against the claims of all persons whomsoever in any way assert any right, title or interest, prior to or contrary to this conveyance.

DATED this 2 day of October 2008.

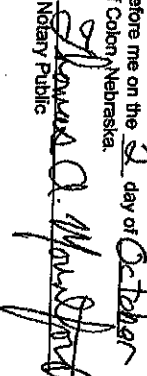
VILLAGE OF COLON, NEBRASKA

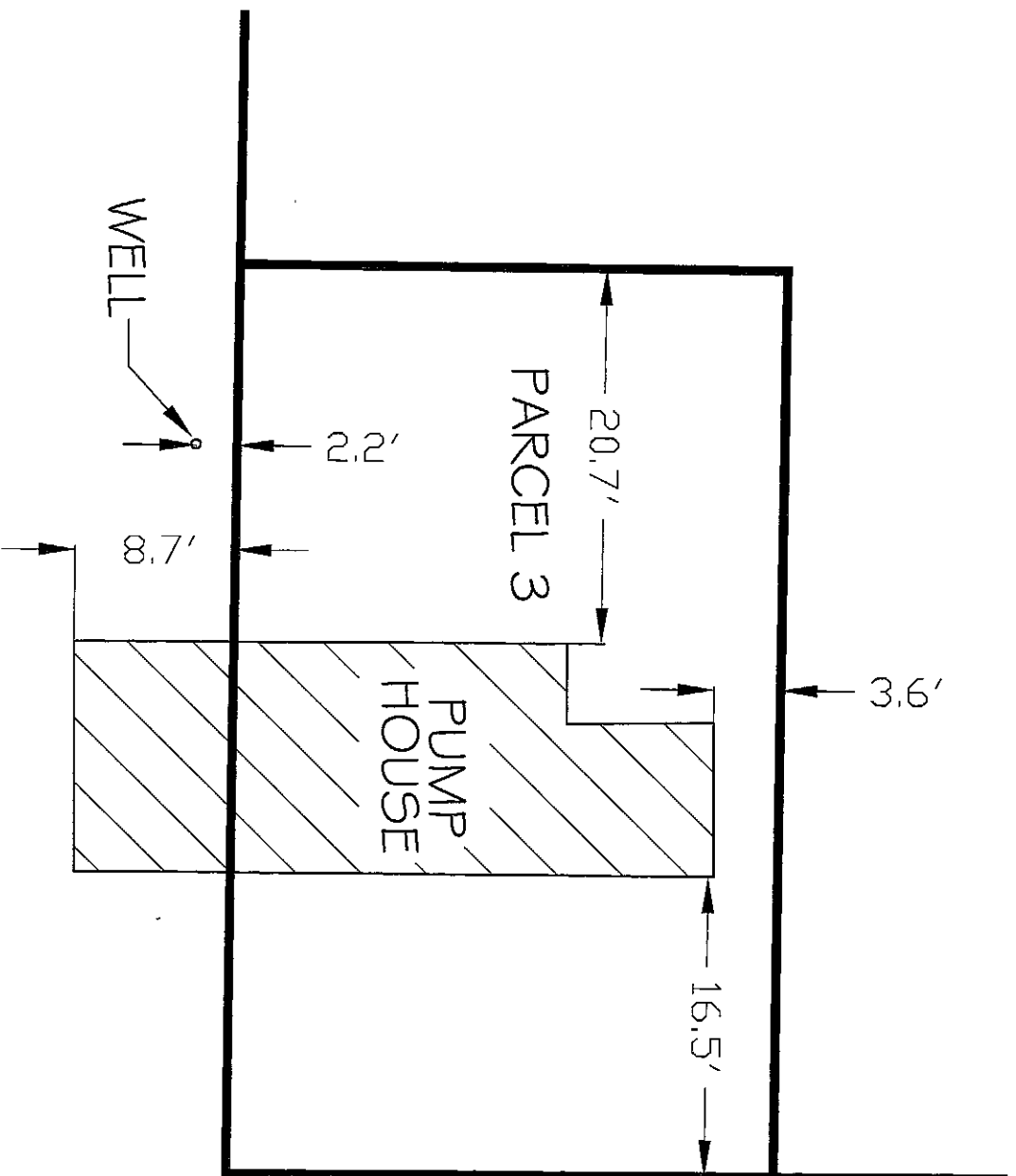
BY: 
Al P. Gruenes, Its Chair

STATE OF NEBRASKA)
) ss.
COUNTY OF SAUNDERS)

The foregoing Ingress/Egress Easement was acknowledged before me on the 2 day of October 2008, by Al P. Gruenes, Chair of the Board of Trustees of the Village of Colon, Nebraska.




Thomas A. Moutford
Notary Public



PUMP HOUSE & WELL DETAIL

SCALE: 1"=10'