

Gene A. Meisner
Commissioner District One

Rocky L. Samber, Chairman
Commissioner District Two

David G. Donaldson
Commissioner District Three



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**OFFICE OF THE BOARD
LOGAN COUNTY COMMISSIONERS**

315 MAIN STREET SUITE 2
STERLING, COLORADO 80751

AGENDA

**Logan County Board of Commissioners
Logan County Courthouse, 315 Main Street, Sterling, Colorado
Tuesday, October 4, 2016 - 9:00 a.m.**

**Call to Order
Pledge of Allegiance
Revisions to Agenda
Consent Agenda**

Approval of the Minutes of the September 27, 2016 meeting.

**Unfinished Business
New Business**

Consideration of the approval Resolution 2016-33 and an application for a Special Use Permit amendment and renewal on behalf of Bret McEndaffer to operate a 30,000 head feedyard in the W1/2 of NW1/4 of Section 5, Township 6 North, Range 53 West of the Sixth Principal Meridian, otherwise known as 13681 CR 12, Merino, Colorado.

Consideration of the approval Resolution 2016-34 and an application for a Conditional Use Permit on behalf of Pawnee Ridge Homeowner's Association for the operation of a de-watering pipeline in the NE4 of the SE4 of Section 24, Township 8 North, Range 53 West of the Sixth Principal Meridian and the NW4 of the SW4 of Section 19, Township 8 North, Range 52 West of the Sixth Principal Meridian, Logan County, Colorado.

**Other Business
Miscellaneous Business/Announcements**

County offices will be closed Monday, October 10, 2016 in observance of Columbus Day.

The next regular business meeting will be scheduled for Tuesday, October 11, 2016, at 9:00 a.m. at the Logan County Courthouse.

**Executive Session as Needed
Adjournment**

September 27, 2016

The Logan County Board of Commissioners met in regular session with the following members present constituting a quorum of the members thereof:

Rocky L. Samber	Chairman
David G. Donaldson	Commissioner
Gene A. Meisner	Commissioner

Also present:

Alan Samber	Logan County Attorney
Pamela M. Bacon	Logan County Clerk
Rob Quint	Logan County Planning and Zoning
Richard Kloberdanz	Resolution 2016-32
Patricia Kloberdanz	Resolution 2016-32
Callie Jones	Journal Advocate

Chairman Samber called the meeting to order at 9:00 a.m. The meeting opened with the Pledge of Allegiance.

Chairman Samber asked if there were any revisions for today's agenda. None were indicated.

The Board continued with the Consent Agenda items:

- Approval of the Minutes of the September 13 and September 20, 2016 meetings.
- Appointment of Lindy Barnhill to the Logan County Community Corrections Board.

Commissioner Meisner moved to approve the Consent Agenda for the Tuesday September 27, 2016 Board meeting. Commissioner Donaldson seconded and the motion carried 3-0.

Commissioner Donaldson wanted to go back to the revisions section and would like to change under new business in the second agenda item from County Road 91 to County Road 93.

Chairman Samber wanted in the fifth agenda item to be changed from County Road 2 to County Road 2.5.

Chairman Samber continued with New Business:

Commissioner Donaldson made a motion to approve an agreement between Logan County and Tallgrass Interstate Gas Transmission, LLC and the issuance of ROW Permit #2016-10 for use of the county right-of-way under CR 91, the issuance of ROW Permit #2016-11 for use of the county right-of-way under CR 93, and the issuance of ROW Permit #2016-12 for use of the county right-of-way under CR 95 all for the construction of a 3" steel pipeline. Commissioner Meisner seconded and the motion carried 3-0.

Commissioner Meisner moved to approve resolution 2016-30 to approve the vacation of the Subdivision Exemption Resolution and Plat previously approved for George A. Henderson Co., on March 21, 1996, and recorded at Book 899, Pages 838 and 839. Commissioner Donaldson seconded and the motion carried 3-0.

Commissioner Donaldson made a motion to approve Resolution 2016-31 and an application for Subdivision Exemption on behalf of Jackie Lee & Shirley Fiscus to create a 11.33-acre tract from a 159.67-acre Agricultural parcel, in an "A" Agricultural District in the SW4 of Section 34, Township 6 North, Range 54 West of the Sixth Principal Meridian, also known as 9824 CR 2.5 Merino, Colorado. Commissioner Meisner seconded and the motion carried 3-0.

Chairman Samber opened a public hearing for Resolution 2016-32.

- Rob Quint from Planning and Zoning explained Resolution 2016-32.
- Richard Kloberdanz addressed the board.

Chairman Samber closed the public hearing for Resolution 2016-32.

Commissioner Meisner moved to approve Resolution 2016-32 and an application for a Special Use Permit on behalf of Richard E. Kloberdanz dba Quality Equipment & Service, Inc. to operate an Auto Sales and Service business in the SE4 of Section 4, Township 8 North, Range 52 West of the Sixth Principal Meridian, otherwise known as 20527 CR 36, Sterling, Colorado. Commissioner Donaldson seconded and the motion carried 3-0.

The Board moved on to Miscellaneous Business/Announcements:

The next regular business meeting is scheduled for Tuesday, October 4, 2016 at 9:00 a.m. in the hearing chambers at the Logan County Courthouse.

There being no further business to come before the Board the meeting was adjourned at 9:22 a.m.

Submitted by:


Logan County Clerk & Recorder

Approved: September 27, 2016

BOARD OF COUNTY COMMISSIONERS
LOGAN COUNTY, COLORADO

seal)

By: _____
Rocky L. Samber, Chairman

Attest:

Logan County Clerk & Recorder

RESOLUTION

NO. 2016 -33

SPECIAL USE PERMIT AMENDMENT AND RENEWAL

A RESOLUTION GRANTING THE RENEWAL AND AMENDMENT OF SPECIAL USE PERMIT #175 ISSUED TO McENDAFFER FEEDYARD FOR THE OPERATION OF A 30,000 HEAD CATTLE FEEDLOT, IN LOGAN COUNTY, COLORADO.

WHEREAS, McEndaffer Feedyard has applied to renew Special Use Permit #175 and amend the permit seeking expansion from 22,000 head to 30,000 head for continued operation of an existing cattle feedlot operation lying in the South Half (S2), Section 5, Township 6 North, Range 53 West of the Sixth Principal Meridian, Logan County, Colorado, and expanding into the Northwest Quarter (NW4), Section 5, Township 6 North, Range 53 West of the Sixth Principal Meridian, Logan County, Colorado; and

WHEREAS, the Applicant submitted an Engineering Report and Site Plan in support of the application, detailing the proposed feedlot expansion; and

WHEREAS, the Logan County Planning Commission, after reviewing all materials, taking testimony of the applicant and surrounding property owners, and finding no issues that would limit or deny this application, recommended approval of the application for the requested amendment and renewal of Special Use Permit #175 at its September 20, 2016 meeting; and

WHEREAS, McEndaffer Feedyard is a registered CAFO in good standing with the Colorado Department of Public Health and Environment; and

WHEREAS, on October 4, 2016, a public hearing of the Logan County Board of County Commissioners was held to consider the issuance of the amended and renewed Special Use Permit #175 for McEndaffer Feedyard, to operate a 30,000 head maximum confined animal feeding operation in an Agricultural Zone District, on the above described property.

NOW, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF LOGAN COUNTY, COLORADO:

I. APPROVAL:

The application of McEndaffer Feedyard to renew and amend Special Use Permit #175 with expansion to facilitate a 30,000 head cattle feedlot, with related equipment and structures, as defined by CDPHE regulations, to be located in the South Half (S2), Section 5, Township 6 North, Range 53 West of the Sixth Principal Meridian, Logan County, Colorado, and expanding into the Northwest Quarter (NW4), Section 5, Township 6 North, Range 53 West of the Sixth Principal Meridian, Logan County, Colorado as described in the Engineering Report and Site Plan submitted by the Applicant, is hereby approved, subject to the following conditions:

1. The permit term shall be for ninety-nine (99) years on the identified and approved Special Use Permit #175. The use permitted must remain in ongoing compliance with the Logan County Zoning Resolution and all other Federal, State and local rules and regulations. Periodic reviews for compliance with such regulations shall be conducted every five (5) years. If any changes, such as alterations or enlargements, occur to the Special Use Permit identified and approved herein, the applicant shall be responsible for seeking and obtaining separate approval of a permit and term of approval for those proposed changes.

2. All reasonable and necessary preventative measures must be taken for dust suppression and fly control according to industry standards.
3. The Applicant must obtain the CAFO approvals and permits required by the Colorado Department of Public Health and Environment (CDPHE) consistent with the land use authorized herein.

II. FINDINGS OF FACT:

1. The continued use on the described site is compatible with the Logan County Master Plan and existing land uses in the area, which is zoned Agricultural District with a pre-existing Special Use Permit for a cattle feedlot operation.
2. This facility is State CDPHE permitted for a capacity of 22,000 head, with additional approval and permitting required for the capacity limit of 30,000 head.

BE IT FURTHER RESOLVED that Special Use Permit #175 is subject to review and application for renewal for continued permitted use on and after October 4, 2021. The Board of County Commissioners of Logan County retains continuing jurisdiction over the permit to address future issues concerning the site and to insure compliance with the conditions of the permit. The applicant is responsible for complying with all of the forgoing conditions and all other county zoning or other land use regulations. Noncompliance with any of the conditions may be cause for revocation of the permit.

Done the 4th day of October, 2016.

BOARD OF COUNTY COMMISSIONERS OF
LOGAN COUNTY, COLORADO

Rocky L. Samber, Chairman (Aye)(Nay)

Gene A. Meisner (Aye)(Nay)

David G. Donaldson (Aye)(Nay)

I, Pamela M. Bacon, County Clerk and Recorder in and for the County of Logan, State of Colorado, do hereby certify that the foregoing Resolution was adopted by the Board of County Commissioners of Logan County in regular session on the 4th day of October, 2016.

Logan County Clerk and Recorder

Amend +

LOGAN COUNTY SPECIAL USE PERMIT RENEWAL APPLICATION
AS REQUIRED BY THE LOGAN COUNTY ZONING RESOLUTION
DEPARTMENT OF PLANNING & ZONING
LOGAN COUNTY COURTHOUSE
STERLING, COLORADO 80751

Applicant

Name: Bret McEndaffer Phone: 970-522-5330

Address: 412 Highland Drive Sterling, CO 80751

Landowner

Name: Same Phone: .

Address: _____

Description of Property:

Legal: 1/4 Section w 1/2 of N/w 1/4 Section 5 Township T6N Range S3W

Address: 13681 CR 12 MERINO, CO Access off CR or Hwy: Hwy 6

New Address Needed: Y or N Subdivision Name: _____

Filing _____ Lot _____ Block _____ Tract _____ Lot Size _____

Current Zoning: Ag Current Land Use: Ag

Current Special Use: 22000 Hd CONFINEMENT

Proposed Changes of Special Use: RAISE to 30,000 Hd
99 YEAR TERM, with 5 YEAR REVIEW of COMPLIANCE
of STATE AND FEDERAL REGULATIONS.

Building Plans: _____

I, (We), hereunto submit this application for a Special Use Permit Renewal to the Board of County Commissioners, together with such plans, details and information of the proposed special use. I, (We), further understand that the Board of Logan County Commissioners may, in addition to granting a Special Use Permit, impose additional conditions to comply with the purpose and interest of the Logan County Zoning Resolutions and Zoning Map.

Dated at Sterling, Colorado, this _____ day of _____

Signature of Applicant: Bret McEndaffer

Signature of Landowner: Bret McEndaffer

McEndaffer Feedyard
SUP 175 Amend & Renew
13681 CR 12, Merino
Expand from 22,000 to 30,000

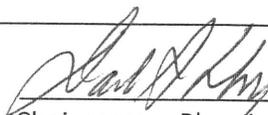
FOR COUNTY USE

Application Fee: One hundred dollars (\$100.00) *pd 8/16/16 ✓ # 29783 Rct. # 189*

Date of Planning Commission: September 20, 2016

Recommendation of Planning Commission: Approval Denial

Recommended Conditions of Special Use Permit: _____



Chairperson, Planning Commission

=====

COUNTY COMMISSIONERS ACTION:

Conditions of Special Use Permit: _____

Date Granted: _____

Date Denied: _____

Rocky L. Samber

Gene A. Meisner

David G. Donaldson

McEndaffer Feedyard
SUP 175 Amend & Renew
13681 CR 12, Merino
Expand from 22,000 to 30,000

McEndaffer Feedyard
8,000 Head Feedlot Expansion

Engineering Report

2016

Prepared by Derald Lang, P.E, #12045

McEndaffer Feedyard is an existing Concentrated Animal Feeding Operation (CAFO) with a permitted (COA-932071) capacity of 22,000 head. The feedlot is proposing to expand its current capacity by 8,000 head, which will result in a total capacity of 30,000 head. This proposed expansion will add approximately 32 acres of new pens. Initially 12 new pens will be added to the northwest of the existing feeding area. Ultimately 25 pens will be added to this 38 acre site. The proposed expansion of this 38 acre site will generate 8.3 acre-feet of additional storm runoff.

To comply with the Feedyard's CAFO permit certification the permit will need to be amended for this proposed additional capacity and the installation of a new pond #10 will need to be completed. The Feedyard is proposing to install a 10 acre-foot pond at the southeast low point of this 38 acre site with all runoff directed to this pond. Dewatering of this new pond #10 will be incorporated into the existing irrigation system used for the Feedyard's containment ponds dewatering.

The Feedyard has existing wells which have adequate yield for the proposed expanded feeding capacity. Potable water is provided by a separate well. The existing and proposed feeding site is outside of any 100 year floodplain and is thus not required to provide any flood proofing.

To comply with the Colorado Confined Animal Feeding Operation Control Regulation #81 the new proposed #10 containment pond will need to meet a liner seepage rate of 1×10^{-6} cm/sec. Since this new pond will be constructed in an area with resident clay soil, it is anticipated that the resident soil will provide the required liner seepage protection.

With the implementation of these recommendations the feedlot will be able to obtain the required engineer's certification needed to amend its CAFO permit certification for 30,000 head capacity. Attached is the engineering analysis of the containment system for the proposed new feeding pens. Also, attached is a site plan for the proposed expanded feedlot.

Derald Lang, P.E.
6856 Dudley Circle
Arvada, CO 80004

Phone 303/420-0435

Proposed Pond 10 Containment Certification

Facility: McEndaffer Feed Yard
 Location: 16381 Logan County Road 12; (S5, T6N, R53W)

Process Generated Wastewater	Volume (gal.s)
1. Trough Overflow	0
2. Boiler Condensate and Blowdown	0
3. Barn Washdown	0
4. Other	0
5. Total Process Wastewater Generated	0
6. Days of Storage	120

25 Year/24 Hour Storm Volume		Precipitation = 3.4 inches		
	<i>Area</i>	<i>Curve Number</i>	<i>Runoff Depth</i>	<i>Runoff Volume</i>
	<i>(acres)</i>	<i>CN</i>	<i>(inches)</i>	<i>(acre-feet)</i>
1. Pen/Open Lot	32	90	2.4	6.4
2. Adjacent Contributing Land	3.5	80	1.6	0.5
3. Contributing Crop Land	0	70	0.9	0.0
4. Pond Surface Area	2.5	100	3.4	0.7
5. Total Contributing Area	38	Total Storm Water Volume		7.6

Chronic 10 Day/10 Year Storm Volume		Precipitation = 4.4 inches		
	<i>Area</i>	<i>Curve Number</i>	<i>Runoff Depth</i>	<i>Runoff Volume</i>
	<i>(acres)</i>	<i>CN</i>	<i>(inches)</i>	<i>(acre-feet)</i>
1. Pen/Open Lot	32	81	2.5	6.7
2. Adjacent Contributing Land	3.5	70	1.6	0.5
3. Contributing Crop Land	0	60	0.9	0
4. Pond Surface Area	2.5	100	4.4	0.9
5. Total Contributing Area	38	Total Storm Water Volume		8.3

Total Containment Volume Required	Acre-Feet
1. Process Generated Wastewater Volume.....	0.0
2. Larger of Storm Water Volumes (25yr/24hr or 10day/10yr).....	8.3
3. Total Required Containment Volume.....	8.3
4. Total Available Containment Volume.....	10.0

Date: July 21, 2016


 Certified by: Derald Lang, P.E. # 12045



Google earth

feet
meters

1000

500



Google earth

© 2016 Google

RESOLUTION

No. 2016-34

Conditional Use Permit

A RESOLUTION GRANTING THE APPROVAL OF A CONDITIONAL USE PERMIT TO PAWNEE RIDGE HOMEOWNER’S ASSOCIATION FOR THE OPERATION OF A DE-WATERING PIPELINE IN THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 24, TOWNSHIP 8 NORTH, RANGE 53 WEST OF THE 6TH PM AND THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 19, TOWNSHIP 8 NORTH, RANGE 52 WEST OF THE 6TH PM, LOGAN COUNTY, COLORADO.

WHEREAS, Pawnee Ridge Homeowners Association has applied for the approval of a Conditional Use Permit (CUP) to design, construct, install, operate, and maintain a de-watering pipeline to aid in managing groundwater levels in and near the Pawnee Ridge Subdivision, Logan County; and

WHEREAS, the pipeline will consist of the installation of approximately 1,670 feet of 4-6 inch PVC pipe, commencing in the Northeast Quarter of the Southeast Quarter (NE4SE4) of Section 24, Township 8 North, Range 53 West of the 6th P.M., then proceeding in a northerly direction 660 feet in the County Road right-of-way, generally paralleling County Road 37, crossing under the intersection of County Road 37 and Greenway Drive from the west to the east in a northeasterly direction, and entering the Northwest Quarter of the Southwest Quarter (NW4SW4) of Section 19, Township 8 North, Range 52 West of the 6th P.M. for a distance of 120 feet, then proceeding north for a distance of 260 feet and then proceeding east, generally paralleling the north boundary of the Southwest Quarter (SW4) of Section 19, Township 8 North, Range 52 West of the 6th P.M. for a distance of 530 feet, then proceeding in a southeasterly direction for 100 feet where it will surface in the Northeast Quarter of the Southwest Quarter (NE4SW4) of Section 19, Township 8 North, Range 52 West, 6th P.M.; and

WHEREAS, the affected areas are currently zoned Agricultural and Residential Suburban with a Conditional Use Permit required for “Underground utility lines for the transmission or collection of water, sewage, natural gas, or oil.”; and

WHEREAS, the Logan County Planning Commission, after reviewing all materials, taking testimony of the applicant and surrounding property owners, and finding no issues that would limit or deny this application, recommended approval of the application for the requested Conditional Use Permit (CUP) at its regular meeting on September 20, 2016; and

WHEREAS, all legal notices have been posted and published as required by the Logan County Zoning Resolution; and

WHEREAS, a public hearing on the application was held by the Logan County Board of County Commissioners at its regular meeting on October 4, 2016.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF LOGAN COUNTY, COLORADO:

I. APPROVAL:

The application of Pawnee Ridge Homeowners Association for a Conditional Use Permit (CUP) to design, construct, install, operate and maintain a de-watering pipeline, in the form and locations described above, is hereby GRANTED, subject to the conditions set forth below.

II. FINDINGS OF FACT:

The use is compatible with existing land uses in the area, which is zoned

Agricultural and Residential Suburban district.

III. CONDITIONS

1. The permit will require a definitive pipeline route to be specifically identified , mapped and approved in advance of construction by the Logan County Planning & Zoning Department and Road & Bridge Department, and will be conditional on all appropriate licenses or easements to cross or enter private land for that route being obtained and remaining in place at all relevant times. The project may commence where appropriate licenses and easements are in place.
2. The applicant shall apply for and obtain separate right-of-way use permits from Logan County, and comply with any conditions on those permits, prior to constructing the pipeline with any county road right-of-way.
3. The pipeline shall be buried at a minimum depth required by Logan County Zoning Regulations (generally 48 inches with some exceptions as provided in the regulations) or at a depth specified per licenses or easements, whichever is deeper. However, it shall be buried as required by Logan County (48 inches below the bottom of the borrow ditch) in any county road right-of-way.
4. The initial permit term shall be for five (5) years on the identified and approved pipeline corridor, subject to renewal for continuing permitted use on and after October 4, 2021. If any changes, such as alterations or enlargements, occur to the corridor identified and approved herein, the applicant shall be responsible for seeking and obtaining separate approval of a permit and term of approval for those proposed changes.
5. The Conditional Use Permit shall be monitored and subject to periodic review for ongoing compliance with the Logan County Zoning Resolution and any other applicable Federal, State and local rules and regulations.

BE IT FURTHER RESOLVED, that the Applicant shall remain responsible for complying with all of the foregoing conditions and all other applicable Logan County zoning or other land use and building regulations. The Board of County Commissioners of Logan County retains continuing jurisdiction over the permit to address future issues concerning the permit and to ensure compliance with the conditions of the permit. Noncompliance with any of the conditions may be cause for revocation of the permit.

Done the 4th day of October, 2016

LOGAN COUNTY BOARD OF COMMISSIONERS
LOGAN COUNTY, COLORADO

Rocky L. Samber, Chairman (Aye)(Nay)

Gene A. Meisner (Aye)(Nay)

David G. Donaldson (Aye)(Nay)

I, Pamela M. Bacon, County Clerk and Recorder in and for the County of Logan, State of Colorado, do hereby certify that the foregoing Resolution was duly adopted by the Board of County Commissioners of the County of Logan and State of Colorado, in regular session on the this 4th day of October, 2016.

County Clerk and Recorder

LOGAN COUNTY CONDITIONAL USE PERMIT APPLICATION
AS REQUIRED BY THE LOGAN COUNTY ZONING RESOLUTION
DEPARTMENT OF PLANNING & ZONING
LOGAN COUNTY COURTHOUSE
STERLING, COLORADO 80751

Cup application # C2016-3

Applicant

Name: Sanford St. John for PAWNEE RIDGE HOMEOWNERS ASSOC. Phone: 970-466-1661

Address: PO Box 1544 STERLING, CO 80751

Landowner

Name: N/A Phone: _____

Address: _____

Description of Property:

Legal: 1/4 Section _____ Section _____ Township _____ Range _____

Address: _____ Access off CR or Hwy: _____

New Address Needed: Y or N Subdivision Name: _____

Filing _____ Lot _____ Block _____ Tract _____ Lot Size _____

Current Zoning: AG/RS Current Land Use: AG/Residential

Proposed Conditional Use: LAYING 6" PVC PIPE FOR DE-WATERING DAKOTA ROAD AREA OF PAWNEE RIDGE

Terms of Conditional Use: 50 YEARS OR UNTIL A MORE PERMANENT SOLUTION IS DETERMINED.

Building Plans: N/A

I, (We), hereunto submit this application for a Conditional Use Permit to the Board of County Commissioners, together with such plans, details and information of the proposed conditional use. I, (We), further understand that the Board of Logan County Commissioners may, in addition to granting a Conditional Use Permit, impose additional conditions to comply with the purpose and interest of the Logan County Zoning Resolutions and Zoning Map.

Dated at Sterling, Colorado, this 3rd day of August

Signature of Applicant: Sanford St. John

Signature of Landowner: _____

PAWNEE RIDGE HOMEOWNERS
DEWATERING CUP
E2SE4 Section 24-08-53 and
W2SW4 Section 19-08-52

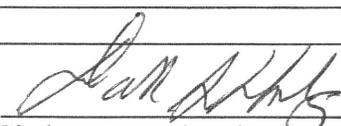
FOR COUNTY USE

Application Fee: One hundred dollars (\$100.00) *paid 8/3/2016 /#1778 Rct.#180*

Date of Planning Commission: September 20, 2016

Recommendation of Planning Commission: Approval Denial

Recommended Conditions of Conditional Use Permit: with condition of
5 year renewal for conditional use permit



Chairperson, Planning Commission

COUNTY COMMISSIONERS ACTION:

Conditions of Conditional Use Permit: _____

Date Granted: _____

Date Denied: _____

Rocky Samber (Aye) (Nay)

Gene Meisner (Aye) (Nay)

David G Donaldson (Aye) (Nay)

PAWNEE RIDGE HOMEOWNERS
DEWATERING CUP
E2SE4 Section 24-08-53 and
W2SW4 Section 19-08-52

The proposed de-watering project begins with a bore under CR37 from the St. John property on the east side of CR37, going west under CR37, 700' from the intersection of CR37 and Greenway Drive. This will be 4" PVC pipe, connected to the St. John permitted dewatering well.

The second bore under CR37 will be from the Thim property on the east side of CR37, going west under CR37, 587' from the intersection of CR37 and Greenway Drive. This is also 4" PVC pipe and will connect to the Thim permitted dewatering well..

From the bore at the St. John property, on the west side of CR37 the 4" pipe will be connected to 6" PVC pipe. The 6" pipe will extend north for 660' in an open trench, at a minimum of 48" deep, in the County right-of-way on the Sterling Cottonwoods, Inc./David Hammer property on the west side of CR37. (Consent form from David Hammer is included.)

The 4" pipe from the Thim bore will connect to the 6" pipe, 113' from where the St. John pipe connects to the 6" pipe.

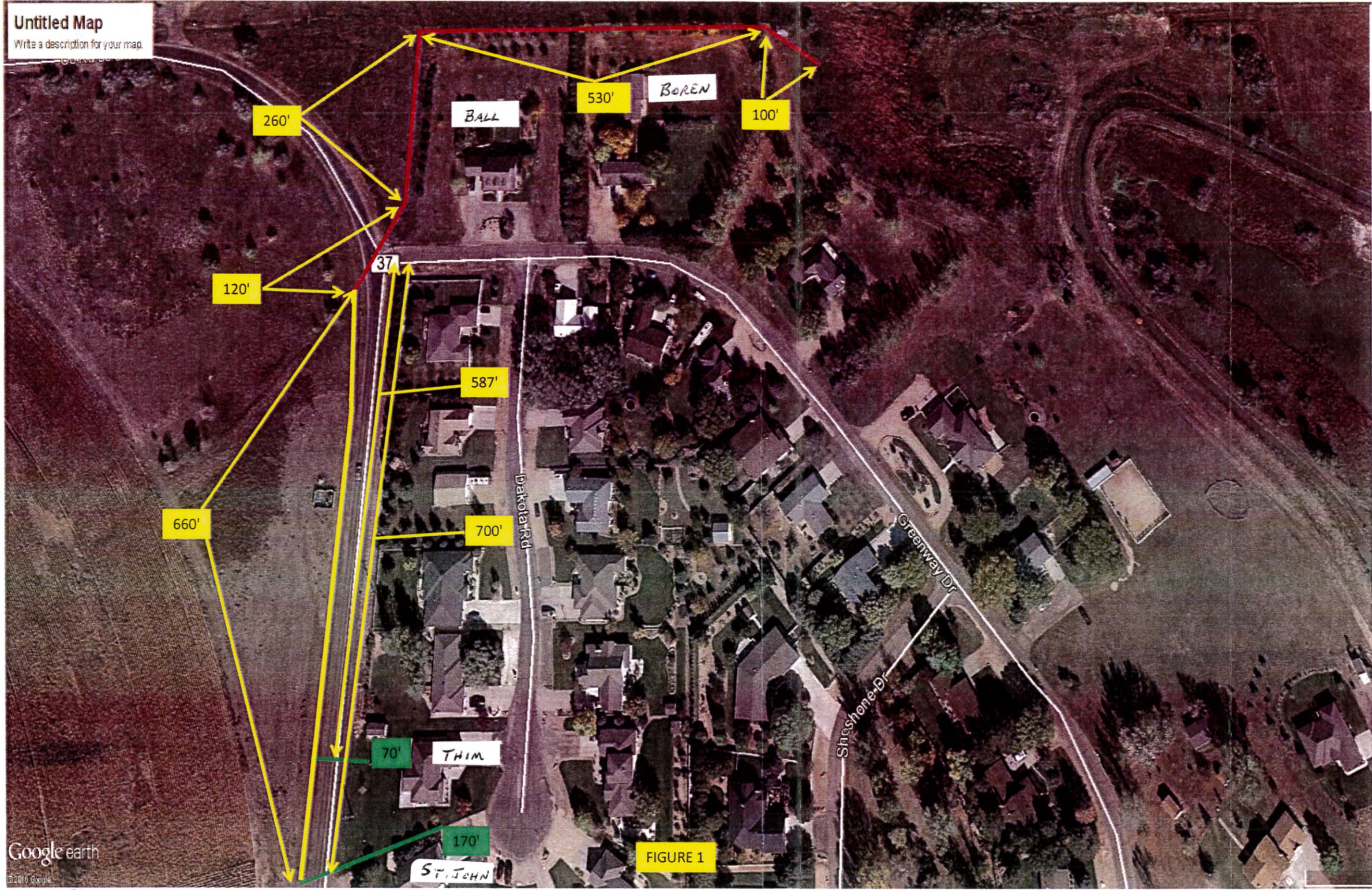
At the end of the 660' of open trench a third bore will be done, this one heading northeast under CR37 at the intersection of CR37 and Greenway Drive, but not going under Greenway Drive. This bore will be 120' long and the pipe will be 6" PVC. The property on the west side of CR37 at this point is owned by the County.

At the end of the 120' northeasterly bore, the bore then turns straight north along the west side of the David Ball property for 260', at which point it turns east for 530' along the north edge of the David Ball and Dennis Boren properties. The bore then turns southeast for another 100' at which point it drains into the Alan Gentz property.

PAWNEE RIDGE HOMEOWNERS
DEWATERING CUP
E2SE4 Section 24-08-53 and
W2SW4 Section 19-08-52

W-N-E
S

Untitled Map
Write a description for your map.



Green = 4" bore
 Yellow = Open trench
 Red = 6" bore

PAWNEE RIDGE HOMEOWNERS
 DEWATERING CUP
 E2SE4 Section 24-08-53 and
 W2SW4 Section 19-08-52