

Planning Commission
2023 February Planning Commission
CDH-Vergas Fire Hall
6:00 PM on Monday, February 27, 2023

- 1. Call to Order**
- 2. Agenda Additions or Deletions**
- 3. Minutes**
January 23, 2023
- 4. Status of Council Recommendations**
 1. Ordinance 91.02 Cat and Dog
 2. Permit Inspector
- 5. Construction Permits**
- 6. Old Business**
 - A. Gravel Pit Ordinance
 - B. Ordinances
 1. 85 Culverts, Ordinances 79 and 85
 2. Shoreline Management Ordinance
 3. Open Burning
- 7. New Business**
 1. Veteran's Memorial
 2. Lawrence Lake Acres Final Plot
- 8. Grade and Fill Permit**
Extension of Glenn Street
- 9. Adjournment**

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3. Minutes

January 23, 2023

Files Attached

- 01-23-2023 Planning Commission Meeting Agenda & Minutes.pdf

CITY OF VERGAS PLANNING COMMISSION MINUTES

Tuesday, January 23, 2023

6:00 pm

Event Center & Zoom Meeting

The City of Vergas Planning Commission was held on Tuesday, January 23, 2023, with the following members present: Bruce Albright, Judy Kvam and Neil Wothe. Absent: Robert Jacoby and Rebecca Hasse. Also present: Clerk-Treasurer Julie Lammers, Utilities Superintendent Mike DuFrane, Engineer Blaine Green, Jeff Hatlewick and Shane Poss.

Call to Order

Chairman Bruce Albright called meeting to order at 6:00 pm.

Agenda Additions and Deletions

Motion by Wothe, seconded by Kvam to approved agenda with following additions: trees in right of way and permit inspections.

Minutes

Motion by Albright, seconded by Wothe to approve minutes for December 8, 2022 with the correction of the date of meeting. Motion passed unanimously.

Status of Council Recommendations

Albright informed Planning Commission the variance for Lawrence Lake Acres was approved by Council on January 13, 2023 with no conditions. Planning Commission had asked for a fiscal study to be done looking at feasibility with additional lots. Developer Josh Hanson informed Council he would not be doing the study and Council did not require study.

Albright stated the Council has approved the ordinance 71.04 Snow Emergency Parking and 72.05 Snowmobiles.

Discussed the whole ordinance 72 should be revised and decided they would review for February meeting.

Ordinance 91.02 regarding cats and dogs was sent back to planning commission for review.

Old Business:

Gravel Pit Ordinance

Albright reviewed the current ordinance and wording like active gravel pit, idle, open gravel pit, processing area. Pit has been there 100 years and now we are trying to apply this ordinance. This is a big pit and one of their best, they will be in this pit many years. We have 60 days from when a permit is received, and our permit date states we must receive permit by March 1 and we do not get our inspections until our engineers can get out to the pit and write up permit. Last year the engineers could not get into the pit until the middle of May due to weather. We may want to change the date the permit is required, as permits are issued for one year. Areas we may want to change: wording in active permit and add open gravel pit, idle or previously open in definitions. Discussed limits of excavation and how many areas the city would like to allow. The intent of having a number of acres open is to control the number of acres reclaimed. This is difficult to determine because has been 2 different pits already. Land was opened when the pit was purchased by Mark Sand and Gravel. Albright stated that until this is changed the old ordinance is in effect, maybe we need to allow commissioners to provide Lammers with comments and have her get it back out to us by Feb. 21 for our next meeting. Motion by Wothe, seconded by Kvam to have comments to Lammers by February 1, 2023 and Lammers will provide an updated copy to us by February 21, 2023. Motion passed unanimously. Jeff Hattlewick, Mark Sand and Gravel stated that the main areas they are looking at is the working hours, grass mowed, dust control not what areas are open and what they are called. Albright stated this has been a concern that the Council is not holding Mark Sand and Gravel accountable.

Ordinances

Ordinance 85 Culverts

Albright reviewed culvert ordinance and a rewrite from Widseth. Encouraged commissioners to continue to look at this

ordinance. Residential culverts can have a classic corrugated steel as trucks are not continually being driven over. Under city roads a concrete (RCP pipe) strength culverts is needed. Discussed having a 15-foot diameter not circumference. Green stated we should have minimums but not maximum for culverts. Green stated, they are recommended the city issue a permit which is approved by engineers separate from the construction permit. Engineers need to verify driveways and culverts for snow storage and drainage. Lammers will collaborate with engineers to update ordinances.

Some items needed to be in an application for the permit are to furnish size, elevation and type of material of proposed culvert. This may be covered in our current right of way permits which cost \$50.00- this will not cover our engineers to review the permit. Ordinance 93.22 covers permit requirements. This needs to be revised with wordings to include road right of way. Discussed ordinance 79 and 85 which are referenced. These ordinances all need to be clearer, and we will discuss again at the February meeting. Encouraged Commissioners to bring their thoughts and comments to Lammers.

Ordinance 91.02 Cat and Dog

During the public hearing concerns were expressed regarding many cities do not regulate cats at all. Other concern is the cats and collars do not get along. Some other cities state animals are only required to wear collar and tags when they were at large. We may want to change our ordinance to say: Every owner shall be required to provide each cat and/or dog with a collar to which the license tag must be affixed and shall see that collar and tag are worn when animal is at large. City has had a cat bite an employee and a cat attack a dog. Motion by Kvam, seconded by Wothe to change wording of ordinance to read: Every owner shall be required to provide each cat and/or dog with a collar to which the license tag must be affixed and shall see that collar and tag are worn when animal is at large replacing the words constantly worn. Motion passed unanimously. DuFrane asked the question, how are we going to police the cats? Kvam questioned what do we do when you come across a bunch of cats? No answers were given.

311 Parkview Drive

Shed has not been moved off of the sewer line. Motion by Kvam, seconded Wothe for Lammers to send letter stating he needs to have shed moved or a variance must be applied for by July 1, 2023. Motion passed unanimously.

Grade and Fill Permit

Engineering firm has requested more information from the Engineering firm collaborating with developer. Green stated Widseth can not sign off of plan until they receive drainage reports, and some items look undersized. Drainage is coming pretty steep down Glen Street and this needs to be adjusted. Green stated their requests would be sent to Lammers to send to developer. Tabled any action until Engineer approves.

Nuisance Procedure

Lammers provided with packet.

Developers Notice Procedure

Albright reviewed the notices that have been discussed. This has to jive with Ordinances 152.07-152.99 we may not want to put this in a process. Do we want to have a policy or procedure to how the ordinances need to be followed? Do we need to develop another policy, or do we need to take a look at the ordinance again? May need to add a preapplication meeting in the ordinance. Motion by Kvam, seconded by Wothe to review ordinances 152.07-152.99. Motion passed unanimously.

New Business

Nuisance Cars

Red Car on Elm Street

Motion by Wothe, seconded by Kvam to have Lammers call Otter Tail County Sheriff department to remove abandon car located in driving lane of Elm St. Motion passed unanimously.

Car 301 E Frazee Ave

Motion by Wothe, seconded by Kvam to have Lammers send property owner a nuisance letter for the car located in

parking lot on property. Motion passed unanimously.

Ordinances

Shoreline Management Ordinance

Albright reviewed the fact the City ordinance is not as updated as the Otter Tail County or the State of MN. Commissioners decided to review the differences between the DNR model Shoreline Ordinance, Otter Tail County and ours. Motion by Kvam, seconded by Wothe to authorize staff to update our shoreline ordinance as time allows. Motion passed unanimously. Kvam offered to help Lammers review the ordinances.

92.60-92.71 Open Burning

Lammers reviewed the open burning ordinance which is being violated by one commercial business. Planning Commissioners have told other businesses they could not burn and they are calling the office stating they should be able to burn if this other business is allowed to burn. Discussed changing the ordinance to state they need a burning permit issued from the City as well as from DNR. DuFrane asked how the City can burn at yard waste if we do not allow burning. Discussed what burning we would want in town. Commissioners were asked to research this ordinance and what DNR regulations are.

Trees in Boulevard

Albright reviewed a property on Bennet Road that has planted 3 Pine trees in the ditch. Motion by Wothe, seconded by Kvam to send letter to property owner on Bennett to have trees removed from road right of way by June 1, 2023. Motion passed unanimously.

Construction Permits

Permits are not followed up on and we need to review the information provided and what is actually being done. Wothe volunteered to review permits and close out those who have completed their permits. If he has questions, he will bring them to the city office. Motion by Albright, seconded by Kvam to recommend to Council for Wothe to volunteer to be the permit inspector. Motion passed unanimously.

Meeting adjourned at 8:55 pm.

Secretary,

Julie Lammers, Vergas City Clerk-Treasurer

Follow Up Actions:

Snow emergency routes.

Call Sherriff on red car located on Elm Street-completed 01/24/2023

Send nuisance letter to 301 E Frazee Ave for unlicensed car- completed 01/24/2023

Send letter to property owner at 311 Park View Drive regarding the shed.

Send letter to property owner on Bennett regarding trees in right of way.

Work with Engineers and Apex for information regarding Grade and Fill Permit for Lawrence Lake Acres.

Review and update Ordinance 72.

Updated Shoreline Management Ordinance (Lammers & Kvam)

Review and update Ordinance 92.60-92.71 Open Burning

Review and update Ordinance 85 and Ordinance 93 regarding culverts.

Update gravel pit ordinance by Feb. 21, 2023. (all PC members comments by Feb. 1)

Council recommendations:

Approve ordinance 91.02 Cat and Dog with change made by planning commission.

Approve Neil Wothe to review and close out construction permits as a volunteer.

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5. Construction Permits

Files Attached

- 2022 construction permits.xlsx 12-31-2022 final as of 2.15.2023.pdf
- 2023 construction permits.xlsx .pdf

2022 Construction Permits - Vergas MN

Permit No	Issue Date	Parcel Number	Name	Address	Description	Date Closed	Initials of Person closing permit
2021-002-22	4/13/2021	82000500010003	Aaron Scott/Michelle Scott	421 W. Lake ST, Vergas	Build a garage & driveway	10/30/2022	MD
2021-004-22	4/13/2021	82000990269000	Brian & Brenda Tangen	1060 E. Scharf Ave, Vergas	Do shoreline work, remove stumps, trees & clean up, riprap	10/3/2022	MD
2021-007-22	4/13/2021	82000990173000	Charles & Vanessa Boehm	116 Park View DR, Vergas	Build house		
2021-015-22	6/8/2021	8200099008000	Kyle Theisen	275 S. Railway Ave., Vergas	Build 12'12' gazebo, Move	10/30/2022	MD
2021-022-22	7/13/2021	82000990262000	Tami Rust	1011 East Scharf Ave., Vergas	build a house	1/17/2023	JL
2021-023-22	7/13/2021	82000990078000	Matt Engebretson	280 1st Ave, Vergas	to Install & repair: Repair damage on house, reshingle		
2021-029-22	8/10/2021	82000990088000	Mike Baumgart	520 S. Pelican Ave. Vegas	Build deck, recover deck stone wall – siding 2 ½’ – with railing		
2021-035-22	8/23/2021	82000990270000	Kirk Johnson	1120 E. Scharf Ave, Vergas	Alter to remove excess large rocks, remove stumps, install erosion control		
2021-041-22	9/27/2021	82000990209000	John Sieling	830 Scharf Ave. E, Vergas	Install/Haul 10 yd crushed asphalt to, remove 10yd gravel	10/30/2022	MD
2022-001	1/11/2022	82000990096000	Perham Coop Creamery Ass'n	101 1st Ave. N, Vergas	Install DID Faces, product panels, Image on Canopy	10/30/2022	MD
2022-002	2/28/2022	82000500012006	Mike Summers	110 S. Railway Ave., Vergas	Remove walls	10/30/2022	MD
2022-003	2/28/2022	82000990066000	City of Vergas	111 E. Main ST, Vergas	Build shiplap wall w/door, glass frontage wall & door	10/30/2022	MD
2022-004	2/28/2022	82000500010001	Aaron Johnson	411 W. Lake ST, Vergas	Addition of 20' x 22' for house & detached garage		
2022-005	4/12/2022	82000990239000	Matt Safar	291 Bennett Road, Vergas	Bulding a 12' x 16' shed in my back yard for storage, behind my homestead		
2022-006	4/25/2022	82000990145000	Loren Menz Construction	310 W. Glenn ST, Vergas	Construct a 26' x 36' shed on property		
2022-007	4/25/2022	82000990230000	Zach Fugere	220 Bennett RD, Vergas	Move house on basement, attach garage to house		
2022-008	4/25/2022	82000990219001	Arlen & Sandy Franchuk	311 Park View DR, Vergas	Add an outdoor deck & walkway 20' x 14'		
2022-009	4/25/2022	82000500040000	CORY L & KRYSTA SEVERSON	820 E. Scharf Ave, Vergas	Install 12 windows & siding	10/30/2022	MD
2022-010	5/10/2022	82000990064001	Jeanette Bruhn	131 E. Main ST, Vergas	Install windows	10/28/2022	JL
2022-011	5/10/2022	82000990058000	The Lavish Loon	130 E. Main ST, Vergas	Alter window boxes to length of the front windows.Paint or replace	10/30/2022	MD
					steel roof over awning top & bottom to "white",		
					Paint or cover pillars in front to "white" signs		
2022-012	5/10/2022	82000990059000	American Beauty Salon	140/136 E. Main ST, Vergas	New signage to replace old signage	10/30/2022	MD
2022-013	5/10/2022	82000990054000	Vergas State Bank	106 E. Main ST, Vergas	Replace broken window	10/30/2022	MD
2022-014	5/19/2022	82000990068000	Lakes Fit	105 E. Main Street, Vergas	Install 44 x 92 aluminum single panel wall sign	10/28/2022	JL
2022-015	5/23/2022	82000500185003	Cheryl Hanson	1106 E. Frazee Ave., Vergas	Repair fence	10/30/2022	MD
2022-016	5/23/2022	82000500012006	Mike Summers	110 S. Railway Ave, Vergas	Install sign	10/25/2022	JL
2022-017	6/14/2022	82000990145000	Loren Menz	310 W. Glenn St., Vergas	Asphalt driveway, Exterior shed finish		

2022-018	6/14/2022	82000500185002	Greg Dahlgren	1006 E. Frazee Ave., Vergas	Reshingle roof, replace broken window	11/30/2022	JL
2022-019	6/14/2022	82000500039000	Mickie Bosch	818 E.Scharf Ave., Vergas	Reshingle roof	2/13/2023	NW
2022-020	6/20/2022	82000990193000	Tom Johnson	819 E.Scharf Ave., Vergas	Build a house & garage		
2022-021	6/20/2022	82000990226000	Jeff & Sheila Laney	92 Park View Drive, Vergas	Build a house & garage	11/30/2022	JL
2002-022	6/21/2022	82000500185003	Cheryl Hanson	1106 E. Frazee Ave., Vergas	Repair roof	10/30/2022	MD
2022-023	7/7/2022	82000990082000	Olson Oil DBA Vergas 66	121 Linden ST., Vergas	Remove & repair bottom rotting boards on street side of bldg	10/30/2022	MD
2022-024	7/7/2022	82000990160000	Paul Pinke	201 W. Main ST., Vergas	Repair tar part of driveway	10/30/2022	MD
2022-025	7/14/2022	82000990060000	Elm ST Boutique	146 E. Main ST, Vergas	Install Flower box, 59" long x 6" wide	11/30/2022	JL
2022-026	7/20/2022	82000990170000	Ben Lankow	339 E Frazee Ave. Vergas	Repiar shingles & trim		
2022-027	7/21/2022	82000990068000	S & Z Prop/Ditterich Merc	105 E.Main St. Vergas	Install (2) signs	7/25/2022	JL
2022-028	7/25/2022	82000990229000	Edward & Renee Rosendahl	98 Park View DR Vergas	Prepair shore line		
2022-029	7/25/2022	82000990100000	Shawn Day	251 1st Ave. N Vergas	Addition to garage	2/13/2023	NW
2022-030	7/25/2022	82000990228000	Michael & Mandy Rosendahl	96 Park View Dr Vergas	Install driveway/install storage shed		
2022-031	7/25/2022	82000990181000	Charles & Doris Gundberg	100 Park View Dr Vergas	Remove weeds on lakeshore property		
2022-032	7/28/2022	82000990062000	Billy's Corner Bar	158 E Main ST, Vergas	Install siewalk 6/25' & 6' x 30' apron where sidewalk removed	1/19/2023	JL
					due to water line break		
2022-033	8/8/2022	82000500009000	Frank Vana	606 E Frazee Ave, Vergas	Repair roofing - entry way	10/30/2022	MD
2022-034	8/11/2022	82000500188002	Wayne Rosentreter	1166 E. Frazee Ave., Vergas	Reshingle house	1/30/2022	MD
2022-035	8/23/2022	82000990124001	Meryl Kvam	341 S. Unit Ave., Vergas	Reshingle house	1/23/2023	JK
2022-036	9/26/2022	82000990124001	Meryl Kvam	131 1st Ave. N., Vergas	Reshingle & lift garage. Build awning on garage to keep wood dry		
2022-037	9/8/2022	82000990164000	Veterans Memorial Park	230 Frazee Ave., Vergas	Pour concrete parking area, install sprinkler system	1/19/2023	JL
2022-038	8/30/2022	82000990164000	Veterans Memorial Park	230 Frazee Ave., Vergas	Install sign	10/30/2022	MD
2022-039	9/8/2022	82000500188000	Ryan Weibye	1156 Frazee Ave., Vergas	Add patio & hot tub concrete		
2022-040	9/13/2022	82000990068000	MW Bakery/JH Signs	105 E. Main ST, Vergas	Install sign for bakery	10/30/2022	MD
2022-041	9/13/2022	82000990125001	Verla Day	320 S. Pelican Ave., Vergas	Install steel roofing & repair chimney	10/30/2022	MD
2022-042	10/6/2022	82000990066000	City of Vergas/ A Step Up	117 E. Main ST., Vergas	Install new laminate flooring in upstairs retail rental area, remove old carpet	11/30/2022	JL
2022-043	10/18/2022	82000990066000	City of Vergas/ JoAnne Knuttila	117 E. Main ST., Vergas	Put up Barn Door (sliding) on right end of the storage space.	1/19/2023	JL
					Add sheetrock wall on inside walls of dressing room. Paint barnwood wall on left side of chimney. Walls above wainscoting patched up & painted. Re-finish countertop. Whitewash the barnwood display. Replace or paint paneling on stairs. Stain & clean upstairs front entrance. Replace electrical outlets to white, new faucet.		
2022-044	10/17/2022	82000990066000	City of Vergas	117 E. Main ST., Vergas	Move door 4' in hallway	1/23/2023	JL
2022-045	10/18/2022	82000990177000	Eric & Brenda Krueger	108 Park View DR., Vergas	Install shingling		
2022-046	10/25/2022	82000990063000	Vergas Hardware	137 E. Main ST, Vergas	Install (2) new outdoor signs	11/22/222	JL
2022-047	10/28/2022	82000990055000	Loon's Nest	110 . Main ST. Vergas	Install metal over whole roof	12/22/2022	JL
2022-048	12/8/2022	82000990236000	Ben Schreurs	241 Bennett RD, Vergas	Build a shed		
2020-049	12/8/2022	82000990050000	Lori Tjaden	159 E. Elm ST, Vergas	Remodel, Installl 4 sinks, rail on deck, 2 signs, plumb pedi chair, ceiling light, handicapped ramp		

2023 Construction Permits - Vergas MN

							Initials of Person closing permit
<u>Permit No</u>	<u>Issue Date</u>	<u>Parcel Number</u>	<u>Name</u>	<u>Address</u>	<u>Description</u>	<u>Date Closed</u>	
2023-001	1/24/2023	82000990990055000	Loon's Nest	110 Main St	Replace Front Door	2/24/2023	JL

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Files Attached

- 2-24-2023 Proposed updates to the 2017-001 ORDINANCE 151.70 Gravel Pit Ordinance .pdf

ORDINANCE NO. 2017-001
CITY OF VERGAS
COUNTY OF OTTER TAIL
STATE OF MINNESOTA
Proposed revision February 27, 2023

151.70 EXCAVATION, MINING AND GRAVEL PITS

151.70 PURPOSE AND INTENT

It is the purpose of this section to regulate the existing and future Mining Operations in the city. Mining Operations are inherently accompanied by noise and dust, often create hazardous conditions, and may result in lasting disfigurement of the land where they are conducted on, and therefore can tend to interfere with the use of nearby property or the quality of life for the residents adjacent or in proximity to Mining Operations. It is also the city's intent to ensure that the disturbed areas are restored upon completion of Mining Operations, and overall, to protect public health, life and general welfare.

151.701 DEFINITIONS.

For the purposes of this section, the definitions listed below shall be construed as follows:

Abandonment. The inactivity of a worksite for one year or more without the act of extracting any minerals.

***Active Gravel Pit.** The terms "active gravel pit" and "active excavation" also mean any area where the topsoil or overburden has been removed for the purpose of mining earthly deposits or minerals.

Berm. A mound of earth designated to provide screening of areas and to reduce noise.

Dust. Airborne mineral particulate matter.

Engine Retard Breaking. Dynamic Brake, Jake Brake, Jacobs Brake, C Brake, Paccar Brake, transmission brake or other similar engine retarding brake system which alters the normal compression of the engine and subsequently releases that compression.

Excavation. The movement or removal of soil and minerals.

***Inactive area.** A part of the subject property, that is currently not being used but still needs rehabilitation.

Interim Use Permit. A permit for temporary use of a property until a particular date, until the occurrence of a particular event, or until zoning regulations no longer permit it.

Manufacturing. Any activity that includes Portable or Permanent or Temporary Asphalt Plants, Concrete Ready-Mix Plants, Processing and Recycling Plants.

***Manufacturing Area.** Such operations may include, but are not limited to, concrete mixing, concrete block production, asphalt production, the grinding and/or crushing of concrete or asphalt, and the processing of petroleum-contaminated soil being managed pursuant to state pollution control agency

approval, so long as the processing or recycling does not violate any federal or state law or any of the requirements of any regulatory agencies having jurisdiction over the operations.

Mineral. Sand, gravel, rock, clay and similar higher density non-metallic natural minerals.

Mineral Extraction. The removal of sand, gravel, rock, clay and other minerals from the ground.

Open Gravel Pit Open-pit mines that produce building materials and dimension stone are commonly referred to as "quarries." Open-pit mines are typically enlarged until either the mineral resource is exhausted, or an increasing ratio of overburden to ore makes further mining uneconomic.

Operator. Any person or persons, partnership, corporations or other entities or a combination or assignees thereof, including public or governmental agencies, engaging in mineral extraction and any processing, recycling, and manufacturing activities derivatives.

Operation. "Operation" includes the driving of all hauling trucks or equipment into or out of a gravel pit, loading, roadwork or engine start-up of any kind.

Owner. Any person or persons, partnership, corporation or other entities owning fee title to the Subject Property.

***Previously Open Gravel Pit (idle)** Previously Open-pit mines that are not actively producing building materials but are still active and not reclaimed.

***Processing Area.** Any area that is being used for stockpiling, storage, or processing or recycling of sand, gravel, soils, or other materials or products derived from gravel mining, even if such materials did not originate or were not produced on the premises.

Processing Plant. Machinery used to crush, wash, compounding, mixing, or treat dirt, sand, gravel, rocks, or similar mineral products into consumable products such as construction grade sand, gravel, and other similar products. This does not include Asphalt Plants and Concrete Ready-Mix Plants. (see Manufacturing Areas)

Rehabilitation. To renew land to self-sustaining long-term use which is compatible with contiguous land uses, present and future, in accordance with the standards set forth in this Ordinance.

***Rehabilitation Area.** Areas that are subject property that have met the rehabilitation standards.

Rough Grade. The stage at which the grade approximately conforms to the approved plan.

Slope. An inclined ground surface the inclination of which is expressed as a rate of horizontal distance to vertical distance.

Soil. Is naturally occurring superficial deposits overlaying bedrock.

Stockpiling. Move or handle a reserve supply of goods or raw material accumulated for future use.

***Stockpiling Area.** An area used for a reserve supply of goods or raw material accumulated for future use.

Subject Property. The real property on which Mineral Extraction Facilities, Processing Plant, Asphalt Plant and/or Ready-Mix Plant is sought to be permitted.

Topsoil. Is the upper most layer of naturally occurring soil.

* Areas to be monitored annually per inspections.

151.71 PERMIT REQUIRED.

Mineral Extraction.

A. Permit Required. Irrespective of the zoning classification of a subject property a permit, as provided herein, is required for Mineral Extraction or Manufacturing unless specifically excepted from such permit.

B. An Interim Use Permit (I.U.P.) is required for any Mineral Extraction or Manufacturing Facility.

C. Interim Use Permits are valid for one year. City must be given 60 days to issue permit.

151.72 PERMIT APPLICATION REQUIREMENTS.

An application for a permit required by this article shall contain the following:

A. The legal description of the lands from which it is proposed to excavate, remove, process, store or handle minerals.

B. The name and address of the applicant and the name and address of the owner of the land.

C. Names and addresses of all adjacent landowners within one-half mile radius.

D. Copies of any agreements pertaining to the operation including the duration of any lease, if applicable.

E. The purpose of the removal.

F. The estimated time required to complete the removal.

G. The highways, streets or other public ways within the city upon and along which the material removed shall be transported.

H. The plan of operation, including, but not limited to:

1. Soil processing (any operation other than direct mining and removal),
2. Nature of the processing and equipment,
3. The area to be included in the operation,
4. Depth of topsoil and soil type,
5. The depth and grade of excavation,
6. The estimated quantity of material to be added to or removed from the premises,
7. Location of the plant,
8. Location of stockpiles,

9. Source of water, disposal of water and reuse of water. In the event that water is used in the operation of a pit, approval from the state department of natural resources and other appropriate state or federal agencies shall be obtained as to the type, location and depth of such well and contained with such application.

10. The number and location of trees prior to excavation,

11. Adjacent and on-site buildings and land uses,

12. Map or plat of the proposed pit or excavation showing the confines or limits thereof, together with the proposed finished elevations based on sea level readings.

13. Elevations and percent slope within 100 feet beyond the perimeter of the excavation and other such information necessary to analyze the site shall be provided by the applicant. United States Geological Survey datum shall be used for all topographic mapping where feasible.

14. Phasing plan which provides no more than ten (10) acres of the site to be open to active mining at any one time. Before any additional land may be mined, the applicant must reclaim portions of the site to the condition that is indicated on the approved reclamation plan.

I. The operation plan must also identify actions to be taken during operation to mitigate adverse environmental impacts, particularly erosion and rising dust out of any sand or gravel pit.

J. A reclamation plan including, but not limited to:

1. Final grade of the property;

2. Depth of topsoil reclaimed;

3. Type of vegetation replanted;

4. Number of trees to be replanted, replacing the trees removed during excavation.

151.73 BOND.

A. The city council shall require the applicant apply for a special use permit under this article, owner or user of the property on which the pit or excavation is located, to post a cost bond with surety acceptable to the city or cash escrow in such form and sum as the city council shall determine, with sufficient surety running to the city, conditioned to pay the city the extraordinary cost and expense of managing or repairing, from time to time, any highways, streets or other public ways where such repair work is made necessary by the special burden resulting from hauling and travel, in removing material from any pit or excavation, the amount of such cost and expense to be determined by the city engineer; and conditioned further to comply with all the requirements of this chapter, and the particular permit, and to pay any expense the city may incur by reason of doing anything required to be done by any applicant to whom a permit is issued.

The city council, for failure of any person to comply with any requirements made of him in writing, under the provisions of this chapter, as promptly as the same can reasonably be done, may proceed to such requirement to be complied with and the cost of such work to be taxed against the property, whereon the pit or excavation is located or the city council may at its option proceed to collect such costs by an action against the entity to whom such permit has been issued and its sureties.

B. In addition to the bond required in subsection (a), the applicant for the permit shall post a performance bond of at least \$50,000.00. The amount may be greater based on the city engineer's recommendation. The performance bond shall be executed by a corporate surety company authorized to do business in the state. The performance bond shall be used for the subject property for which a permit is granted and conditioned upon full performance of the terms and conditions of this chapter by the applicant and/or owner of the premises described in the permit application. The bond shall remain in effect for at least one year after the expiration of the permit or until reclamation of the subject property. The bond shall guarantee the required restoration of the entire site.

151.74 AGREEMENT TO HOLD CITY HARMLESS

No person shall open, operate or maintain any mineral extraction facility or engage in mineral extraction on a subject property without an agreement with the city, saving the city free and harmless from any and all suits or claims for damage resulting from negligent excavation, removal or storage of minerals or operation of any mineral extraction facility within the city.

151.75 FEES AND APPLICATIONS.

151.75.001. Annual fee required. An annual fee will be required for the Interim Use Permit. Such fee shall be established by council resolution as adopted from time to time.

151.75.002. Inspection and review permit fee. The inspection and review permit fee shall be established by council resolution adopted from time to time.

151.75.003. Denial of Permit. In the event an application for the issuance of a permit is denied, the city council shall retain such amount of said fees as shall be necessary to defray costs of engineering and legal services incurred by the council in connection with such application and the balance, if any, shall be returned to the applicant.

151.75.004. Reimbursement of city for engineering and legal services. In the event the cost of engineering and legal services exceeds the permit fee, then and in that event the applicant shall, upon notice from the city, reimburse the city for the same within 30 days.

151.75.005. Form of application. The application shall be in such form and shall furnish such information as shall be required by the city council.

151.76 INSPECTIONS.

The City Engineer shall inspect operating and gravel mining pits annually, approximately May 1, weather permitting, and have the report to the City Clerk by June 1. The Engineer shall inspect and certify as compliant or, if deficient, note the deficiency and corrective action(s) to be taken pursuant to a checklist to be developed by the Engineer and the City to ensure compliance with this Ordinance.

151.77. CONDITIONS OF PERMIT.

151.77.01. Hours of Operation. Operation shall be conducted only between the hours of 7:00 a.m. and 7:00 p.m., Monday through Saturday, unless specifically authorized by the City. No mineral extraction or manufacturing shall take place on holidays. In cases of public emergencies, hours of operation may be extended by the City Clerk. It is the specific intent of this section that no crushing, loading, hauling, or

engine startup activity of any kind shall take place on or upon any area or subject property other than during those hours specified above.

151.77.02. Fencing or Berm: Where deemed necessary by the City, a fence or berm may be required prior to the commencement or as a condition of the continuous operation of any Mineral Extraction or Manufacturing operation enclosing the area authorized by the applicable permit. If required, the fencing must have a minimum of two (2) single strand wires with posts a maximum of twelve (12) feet apart and at least four (4) feet in height. The berm must be a minimum of thirty (30) inches high and six (6) feet in width at the base.

151.77.03. Screening. The applicant or owner shall plant suitable and fast growing screening trees which shall be a minimum of six feet high placed in two rows, staggered with trees not more than ten feet apart in each row, reducing unsightly view of the operations and reducing noise and dust.

151.77.04. Access Roads. All access roads will be of a sufficient length from a public road so that any turns onto the public road can be completed with a margin of safety. All access roads shall be maintained so as to minimize noise and dust from vehicles using such access road.

151.77.05. Dust Control. The Operator shall utilize all practical means to reduce the amount of dust cause by the operation. In no case shall the amount of dust or other particulate matter exceed the standards established by the MPCA pollution control agency and the United States EPA.

151.77.06. Noise. Maximum noise levels at the perimeter of the Operation will be consistent with the standards established by the Minnesota Pollution Control Agency and the United States Environmental Protection Agency.

151.77.07. Air Quality. All activities on the Subject Property will be conducted in a manner consistent with the Minnesota Pollution Control Agency's standards.

151.77.08. Maximum slopes. During the entire period of operations, all excavations other than the working face shall be sloped on all sides at a maximum ratio of one foot horizontal to one foot vertical, unless a steeper slope shall be approved by the city. Where excavations are adjacent to a public roadway or other right-of-way, or the property adjacent to the excavation, the excavation shall have a maximum four to one slope. Slopes adjacent to or contiguous to bodies of water shall be sloped at a maximum of six to one.

151.77.09. Setbacks. The following setbacks shall apply:

- a. No mining shall take place within one-hundred (100) feet of any property lines, road right-of-way or easement;
- b. No part of the operation shall be within five hundred (500) feet of any occupied structure not owned by the Operator or Owner and existing at the time of the original permitting.

151.77.10. Limits of Excavation. No more than ten (10) acres shall be open to active mining, except for previously opened areas. For each additional acres to be mined, an acre of previously mined area should be reclaimed. The processing area shall be no more than ten (10) acres.

151.77.11. Noxious Weeds. The Operator shall utilize all practical means to reduce and prevent the growth of noxious weeds.

151.77.12. Spillage on Public Roadways. Spillage of material on and damage to public streets used as haul roads shall be cleaned up and repaired to the satisfaction of the City Engineer in a timely manner.

151.77.13. Water pollution. Operators shall comply with all applicable state pollution control agency regulations and federal and Environmental Protection Agency regulations for the protection of water quality. No waste products or process residue, including untreated wash water, shall be deposited in any lake or natural drainage system, except that lakes or ponds wholly contained within the extraction site may be so utilized.

151.77.131. Topsoil preservation. All topsoil shall be retained at the site until complete rehabilitation of the site has taken place according to the rehabilitation plan.

151.78. RECLAMATION.

151.78.01. All mining sites shall be reclaimed immediately after mining operations cease. Reclamation shall be complete within one (1) year. The following standards shall apply:

- 1) The peaks and depressions shall be graded and backfilled to a surface which will result in a gentle rolling topography in substantial conformity to the land area immediately surrounding. All interior slopes shall be graded to a maximum of 4:1.
- 2) The slope to adjacent properties shall be four foot horizontal to one foot vertical (4/1) of mined areas;
- 3) Reclaimed areas shall be surfaced with an amount equal to the surrounding area with a minimum of 2 inches of soil of a quality at least equal to the topsoil of the land areas immediately surrounding; and
- 4) The reclaimed areas shall be seeded, sodded or planted with native grasses, legumes and grasses. Trees and shrubs may also be planted, but not as a substitute to native grasses, grasses and legumes. Erosion control measures must be implemented until ground cover is established.

151.78.0011. Standards for filling and compaction. Prior to reclamation, the operator shall provide to the city engineer the location, area, and depth of the land before and after the anticipated activity. Such activity and the materials used shall be subject to the following:

151.78.0012. Prior to such activity, the operator shall submit an engineering analysis of the proposed fill and compaction method to the city engineer. Side slopes of the excavation shall be graded to a maximum 1:1 slope prior to the placement of fill and achieve a maximum final slope of 4:1 after filling operations are complete.

151.78.0013. Unless otherwise approved by the city council, materials including, but not limited to, organic soils and debris (topsoil, peat, muskeg, muck, stumps, roots, logs, brush, etc.), demolition debris (broken concrete or bituminous fragments, brick, lumber, metal, etc.) and any other solid or hazardous wastes shall not be used as fill in reclamation.

151.78.0014. Imported materials used as fill in reclamation shall consist of mineral soils which typically demonstrate a minimum soil bearing capacity of 1,500 psf and are suitable for building foundations.

151.78.0015. The top ten feet of all fill areas shall be compacted by mechanical equipment as the fill is placed, unless otherwise approved by the council, to a minimum of 95 percent of maximum density for a particular soil as determined by the Standard Proctor method.

151.780016 Beginning July 1, 2023 acreage to be reclaimed can be no more than number of acres in previous year. This reclamation has to be completed by July 1 of the following year. Reclamation procedure will be done in accordance with the current specifications in the existing ordinance.

151.79.00 PERMIT RENEWAL

Operations in compliance with the Interim Use Permit may renew the permit on an annual basis. Renewal applications must be submitted to the City, 60 days before current permit expires.

151.80.00 TERMINATION OF PERMIT.

151.80.01. Violations. The Council may terminate an Interim Use Permit for violation of this Ordinance, or a condition of this permit, or for violation of other applicable laws.

151.80.02. Notice to Terminate. To terminate a permit, the Council shall give notice of the violation or other cause for termination along with an order that the condition be remedied. If the condition has not been repaired within two (2) weeks, the Council shall hold a hearing to determine whether the permit should be terminated.

151.80.03. Cease Operation Upon Termination. No mining shall take place after the permit is terminated.

151.81.000 PENALTY

151.81.01. Violation a misdemeanor. Any person, firm or corporation who violates or who fail to comply with any of the provision of this ordinance or who make any false statement or omission in any document required to be submitted under the provisions shall be guilty of a misdemeanor and upon conviction shall be punished not more than the maximum penalty for a misdemeanor as prescribed by state law.

151.81.02. Each day an offense. Each day that a violation continues shall constitute a separate offense.

151.80 ENFORCEMENT.

Shall be pursuant to Chapter 151.99, as amended.

Adopted this ____ day of _____, 2023 by the City Council of the City of Vergas., 2023.

ATTEST:

Julie Bruhn, Mayor

Julie Lammers, Clerk

Established: January 25, 2017

Updated:

**Planning Commission
2023 February Planning Commission
CDH-Vergas Fire Hall
6:00 PM on Monday, February 27, 2023**

7. New Business

1. Veteran's Memorial
2. Lawrence Lake Acres Final Plot

Files Attached

- LAWRENCE LAKE ACRES FIRST ADDITION FINAL 2-15-23 Plat comments.pdf

LAWRENCE LAKE ACRES FIRST ADDITION

KNOW ALL MEN BY THESE PRESENTS: That JRMH Holdings, LLC, a Minnesota limited liability company, is the owner and proprietor of that part of Government Lots 1 and 2 in Section 25, Township 137 North, Range 41 West of the Fifth Principal Meridian in Otter Tail County, Minnesota, described as follows:

Commencing at an iron monument which designates the northeasterly corner of LAWRENCE LAKE ACRES, said plat is on file and of record in the office of the Recorder in said County; thence South 00 degrees 36 minutes 14 seconds East 33.01 feet on an assumed bearing along the easterly line of said LAWRENCE LAKE ACRES and along the east line of said Government Lot 1 to an iron monument at the southeasterly corner of a Dedicated Public Road as dedicated in said LAWRENCE LAKE ACRES, said point is the point of beginning; thence continuing South 00 degrees 36 minutes 14 seconds East 1647.41 feet along the east line of said Government Lot 1 and along the east line of said Government Lot 2 to an iron monument; thence North 87 degrees 47 minutes 11 seconds West 26.31 feet; thence westerly on a curve concave to the south, having a central angle of 16 degrees 49 minutes 22 seconds and a radius of 217.00 feet, for a distance of 63.71 feet (chord bearing South 83 degrees 48 minutes 08 seconds West); thence South 75 degrees 23 minutes 27 seconds West 189.20 feet; thence westerly on a curve concave to the north, having a central angle of 11 degrees 05 minutes 23 seconds and a radius of 283.00 feet, for a distance of 54.78 feet (chord bearing South 80 degrees 56 minutes 09 seconds West); thence South 86 degrees 28 minutes 50 seconds West 310.52 feet; thence northwesterly on a curve concave to the northeast, having a central angle of 41 degrees 45 minutes 22 seconds and a radius of 216.00 feet, for a distance of 157.42 feet (chord bearing North 72 degrees 38 minutes 29 seconds West); thence South 73 degrees 20 minutes 01 second West 271.24 feet, more or less to the water's edge of Lawrence Lake; thence northerly along the water's edge of said Lawrence Lake to the west line of said Section 25; thence North 00 degrees 22 minutes 38 seconds West 13 feet, more or less along the west line of said Section 25 to Meander Corner No. 15; thence North 00 degrees 53 minutes 21 seconds West 306.48 feet continuing along the west line of said Section 25 to the southwesterly corner of Block 1 of said LAWRENCE LAKE ACRES; thence South 83 degrees 20 minutes 12 seconds East 322.29 feet along the southerly line of said Block 1 to an iron monument; thence North 73 degrees 07 minutes 10 seconds East 378.29 feet continuing along the southerly line of said Block 1 to an iron monument at the southeasterly corner of said Block 1; thence North 12 degrees 14 minutes 12 seconds East 181.63 feet along the easterly line of said Block 1 to an iron monument; thence North 02 degrees 08 minutes 12 seconds East 380.25 feet continuing along the easterly line of said Block 1 to an iron monument at the northeasterly corner of said Block 1; thence South 89 degrees 24 minutes 08 seconds East 519.70 feet along the southerly line of said Dedicated Public Road to the point of beginning.

And they have caused the said land to be surveyed and platted as LAWRENCE LAKE ACRES FIRST ADDITION and they do hereby donate and dedicate to the public for utility purposes the UTILITY EASEMENTS as shown on the herein plat, and they do hereby donate and dedicate to the public for road and utility purposes the DEDICATED PUBLIC ROAD as shown on the herein plat and they do hereby donate and dedicate to the public for park purposes the PARK as shown on the herein plat. SUBJECT TO easements, restrictions and reservations of record, if any.

IN WITNESS WHEREOF said JRMH Holdings, LLC, a Minnesota limited liability company, has caused these presents to be signed by its proper officer this _____ day of _____, 20____.

OWNER: JRMH Holdings, LLC

Joshua Roger Michael Hanson, Manager

State of Minnesota)
County of _____)

The foregoing instrument was acknowledged before me, a Notary Public, this _____ day of _____, 20____, by Joshua Roger Michael Hanson, Manager of JRMH Holdings, LLC, a Minnesota limited liability company.

Minnesota Notary Public
My Commission Expires _____

I, Joshua P. Pfeffer, do hereby certify that this plat of LAWRENCE LAKE ACRES FIRST ADDITION was prepared by me or under my direct supervision; that I am a duly licensed surveyor in the State of Minnesota; that this plat is a correct representation of the boundary survey; that all mathematical data and labels are correctly designated on this plat; that all monuments depicted on this plat have been set; that all water boundaries and wet lands, as defined in Minnesota Statutes, Section 505.01, Subdivision 3, as of the date of this certificate are shown and labeled on this plat, and all public ways are shown and labeled on this plat.

Joshua P. Pfeffer, Registered Land Surveyor
Minnesota Registration Number 57622

State of Minnesota)
County of Becker)

The foregoing surveyor's certificate was acknowledged before me, a Notary Public, this _____ day of _____, 20____, by Joshua P. Pfeffer, Minnesota Registered Surveyor No. 57622.

Minnesota Notary Public
My Commission Expires _____

This plat is hereby approved by the City Engineer of the City of Vergas, Minnesota, this _____ day of _____, 20____.

City Engineer

At a regular meeting of the Planning Commission of the City of Vergas, Minnesota, on the _____ day of _____, 20____ the plat of LAWRENCE LAKE ACRES FIRST ADDITION was recommended for approval.

Clerk-Treasurer

At a regular meeting of the City Council of the City of Vergas, Minnesota, on the _____ day of _____, 20____ the plat of LAWRENCE LAKE ACRES FIRST ADDITION was duly approved.

Mayor

This plat in the City of Vergas is hereby approved this _____ day of _____, 20____.

City Attorney

I hereby certify that the taxes for the year _____ for the lands described within are paid and no delinquent taxes and transfer entered this _____ day of _____, 20____.

County Auditor/Treasurer

I hereby certify that the within instrument was filed in this office for record on this _____ day of _____, 20____, at _____ o'clock _____ M. and was duly recorded as Document No. _____.

County Recorder

LEGEND

● = Denotes iron monuments found.
○ = Denotes iron monuments set marked with Minnesota License Nos. 46538/50320/57622.

0' 120' 240'
Graphic Scale
Scale: 1 inch = 120 feet

Total platted area = 34.5 Acres, more or less
Dedicated Public Road area = 4.40 Acres (191,877 sq. ft.)

DEDICATED UTILITY EASEMENTS:

Being 5 feet in width adjoining lot lines and being 20 feet in width adjoining road right of way lines in the plat.

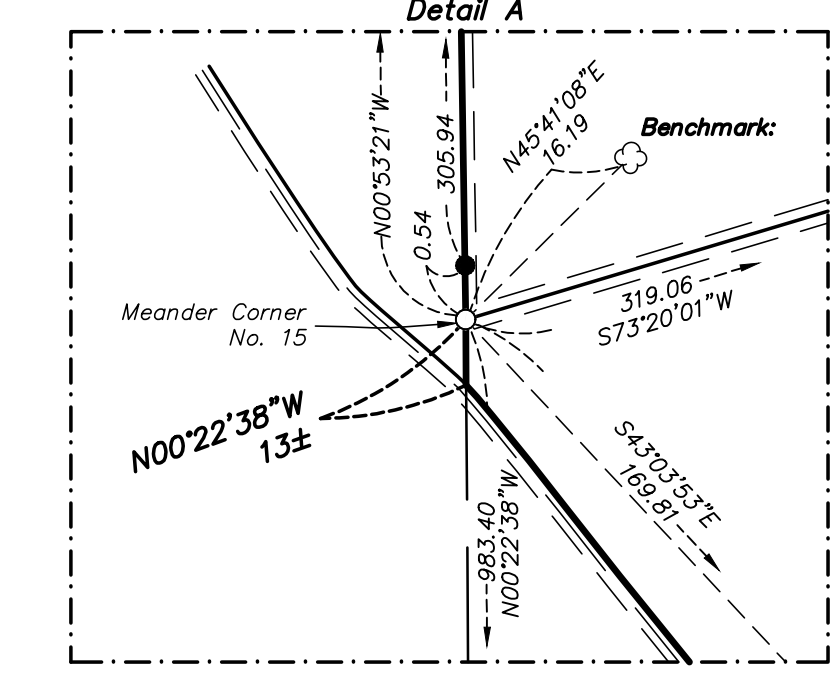
LOT AREAS		
BLOCK	LOT	AREA (SQ. FT.)
1	1	65,898
1	2	65,148
1	3	73,406
1	4	68,603
1	5	74,722
1	6	105,725
1	7	86,860
1	8	45,500±
1	9	40,300±
1	10	43,700±
2	1	88,062
2	2	94,008
2	3	87,912
2	4	120,915
2	PARK	209,434

Drainage and stormwater utility Easement- these are easements to protect and maintain the permanent drainage basin/infiltration basins being constructed for this development to handle stormwater drainage.

Drainage Easement- this easement is requested to protect and maintain the permanent drainage pattern, unless the developer is planning to change the drainage of the existing conditions.

Drainage and stormwater utility Easement- these are easements to protect and maintain the permanent drainage basin/infiltration basins being constructed for this development to handle stormwater drainage.

This highlighted area is not required, but maybe still is a good idea to label as a drainage easement do to it being a wetland.



MEADOWLAND SURVEYING, INC.
1118 HWY 59 SOUTH, DETROIT LAKES, MN 56501
218-847-4289
www.meadowlandsurveying.com

LAWRENCE LAKE

Southerly line of a tract of land described in Document No. 1275423

Southerly line of a tract of land described in Document No. 1275423

**Planning Commission
2023 February Planning Commission
CDH-Vergas Fire Hall
6:00 PM on Monday, February 27, 2023**

8. Grade and Fill Permit

Extension of Glenn Street

Files Attached

- Grade and Fill Permit Application for Parcel 82000500024000 extension of Glenn Street.pdf
- Minimum Road Standards for the City of Vergas.pdf
- Drainage Easement- Lawrence Lake Acres_review comments.pdf

Permit Number: 2002-011 Date Received: 10/05/22 Parcel Number: 82000500 024000 Fee \$50.00

City of Vergas Application for Grade and Fill Permit

Property Description:

Lake # 56055500 Lake Name Lawrence Parcel Number 82000500024000

Legal Description WEST LAKE STREET TO GLEN STREET, SEE PLAT
TBD

Lot TBD, Block TBD, Addition TBD

Property: Width 2250' feet, Length 1300' feet

Property Owner: JRMH Holdings

Address of Project property: TBD

Mailing Address: 36256 504TH ST FRAZER MN 56544

Phone: 218-234-1085

Contractors Name: Don SCHROEDER

License Number: _____ Phone: 218-731-5289

Address 18079
430 STREET PEBBLE RAPIDS MN. 56572

Note:

1. The lot lines and project area(s) must be staked before application is made.
2. If the project disturbs more than 1 acre of land, you are required to obtain a General Storm Water Permit from the Minnesota Pollution Control Agency.

On a separate paper, attached to this application, please draw a scale drawing of the project.

Please describe the project: - SEE PLAT

Detailed Information:

Area to be cut/excavated 3000 length 60 width 12 depth

Area to be filled/leveled 3000 length 30 width 2 depth

Culvert(s) X yes _____ no If yes, you must indicate size and location on drawing: SEE PLAT

Type of soils and/or fill material BLACK DIRT, SAND, GRAVEL

Total cubic yards of earthmoving requested 80,000

Signature of property owner Josh R. M. Hansen Date 10-4-22

10/05/2022/pd Receipt # 149386 Page 25 of 27

APPENDIX III: MINIMUM ROAD STANDARDS

1. All construction of roads dedicated for public use shall be in compliance with the Minnesota Department of Transportation State Aid Design Standards for Roads as well as the following minimum standards.
2. All roads dedicated for public use or for the use of lot owners on a plat presented for the approval shall have a permanent minimum width of 66 feet right-of-way (during the road construction period the right-of-way width may exceed 66 feet to provide for the appropriate backslope). Dead end roads require a cul-de-sac which has a minimum 120-foot diameter. Alleys require a minimum width of 20 feet right-of-way.
3. All dedicated roadways have a roadbed of not less than 32 feet and shall have a bituminous surface. All cul-de-sacs, regardless of surface type, shall have a minimum traveled surface diameter of 100 feet.
4. When necessary for drainage, ditches along the roadbed shall not be less than two feet deep.

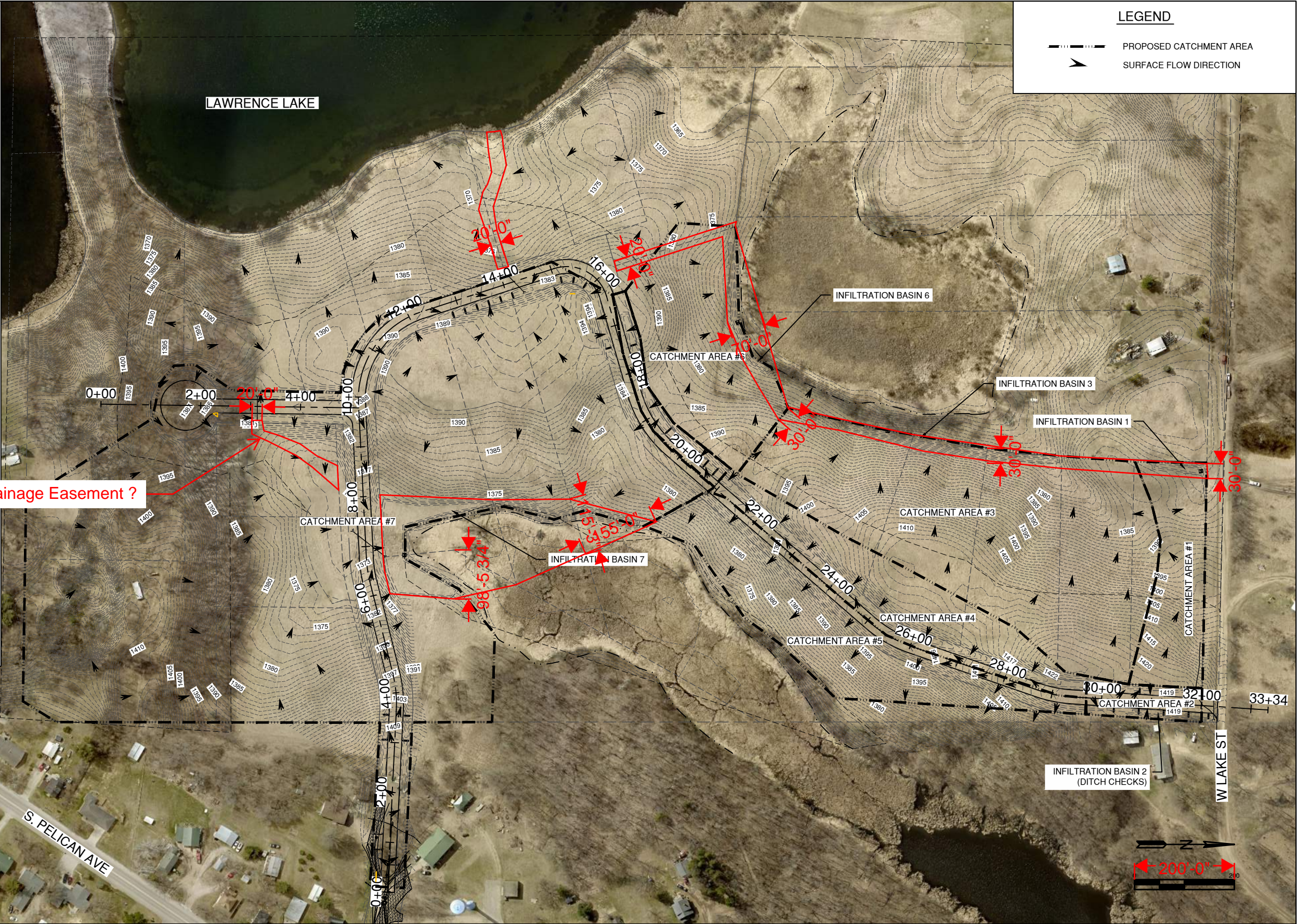
NOTES:

- CATCHMENT AREA #1:**
GREEN/TURF AREA: 0.97 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 0.21 ACRES
TOTAL AREA: 1.18 ACRES
- CATCHMENT AREA 1 GENERALLY FLOWS OVERLAND TO PROPOSED INFILTRATION BASIN #1 WHICH THEN OVERFLOWS TO THE EXISTING DITCH ON WEST LAKE STREET.
- CATCHMENT AREA #2:**
GREEN/TURF AREA: 0.21 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 0.15 ACRES
TOTAL AREA: 0.36 ACRES
- CATCHMENT AREA 2 DRAINS TO THE NEW DITCH WITH DITCH CHECKS PROVIDING TREATMENT. (SEE DETAIL)
- CATCHMENT AREA #3:**
GREEN/TURF AREA: 4.45 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 1.17 ACRES
TOTAL AREA: 5.62 ACRES
- CATCHMENT AREA 3 FLOWS OVERLAND INTO PROPOSED INFILTRATION BASIN #3 PRIOR TO DISCHARGE TO AN EXISTING WETLAND THAT IS CONNECTED TO LAWRENCE LAKE.
- CATCHMENT AREA #4:**
GREEN/TURF AREA: 1.33 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 0.49 ACRES
TOTAL AREA: 1.82 ACRES
- CATCHMENT AREA 4 IS COLLECTED VIA DITCH AND ROUTED TO INFILTRATION BASIN #7 FOR TREATMENT PRIOR TO DISCHARGE TO EXISTING WETLAND.
- CATCHMENT AREA #5:**
GREEN/TURF AREA: 2.15 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 0.28 ACRES
TOTAL AREA: 2.43 ACRES
- CATCHMENT AREA 5 ROAD IMPERVIOUS SURFACE IS TO BE TREATED BY FILTRATION PRIOR TO DISCHARGE TO NEIGHBORING PROPERTY AND EXISTING WETLAND. IF THIS AREA IS DEVELOPED, ADDITIONAL TREATMENT WILL BE REQUIRED.
- CATCHMENT AREA #6:**
GREEN/TURF AREA: 1.91 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 0.27 ACRES
TOTAL AREA: 2.18 ACRES
- CATCHMENT AREA 5 FLOWS OVERLAND TO THE PROPOSED INFILTRATION BASIN #6 FOR TREATMENT PRIOR TO DISCHARGE WETLAND THAT IS CONNECTED TO LAWRENCE LAKE.
- CATCHMENT AREA #7:**
GREEN/TURF AREA: 14.60 ACRES
IMPERVIOUS AREA (ROOFS, DRIVES): 3.48 ACRES
TOTAL AREA: 18.08 ACRES
- CATCHMENT AREA 5 FLOWS OVERLAND TO THE PROPOSED INFILTRATION BASIN #7 FOR TREATMENT PRIOR TO DISCHARGE TO THE EXISTING WETLAND.

Drainage Easement ?

LEGEND

- PROPOSED CATCHMENT AREA
➔ SURFACE FLOW DIRECTION



REVISIONS

Issue #	Description	Date



Bismarck - Detroit Lakes
Dickinson - Fargo - St. Cloud
920 McKinley Ave
Detroit Lakes, Minnesota 56501
Office: 218-844-2580
www.apexenggroup.com

Apex Project #: 22.556.0183
Date: FEBRUARY 10, 2023
Drawn By: JAJ, TAM
Checked By: JAB
Approved By: JSO

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: Jonathan S. Olson
Signed: [Signature]
Date: 2/10/23 License Number: 47561

LAWRENCE LAKE ACRES

SWPPP
PROPOSED DRAINAGE
CONDITIONS

Sheet:

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OF 35