

PLANNING AND DEVELOPMENT SERVICES

TO: Municipal Planning Commission
DIVISION: 7
SUBJECT: Development Item: Single-Lot Regrading
USE: Discretionary use, no Variances

DATE: November 12, 2020
APPLICATION: PRDP20202773

APPLICATION: Single-lot regrading and placement of clean fill for the construction of a berm, ditch, and swale.

GENERAL LOCATION: located approximately 1.61 km (1 mile) north of Twp. Rd. 264 and on the west side of Rge. Rd. 14

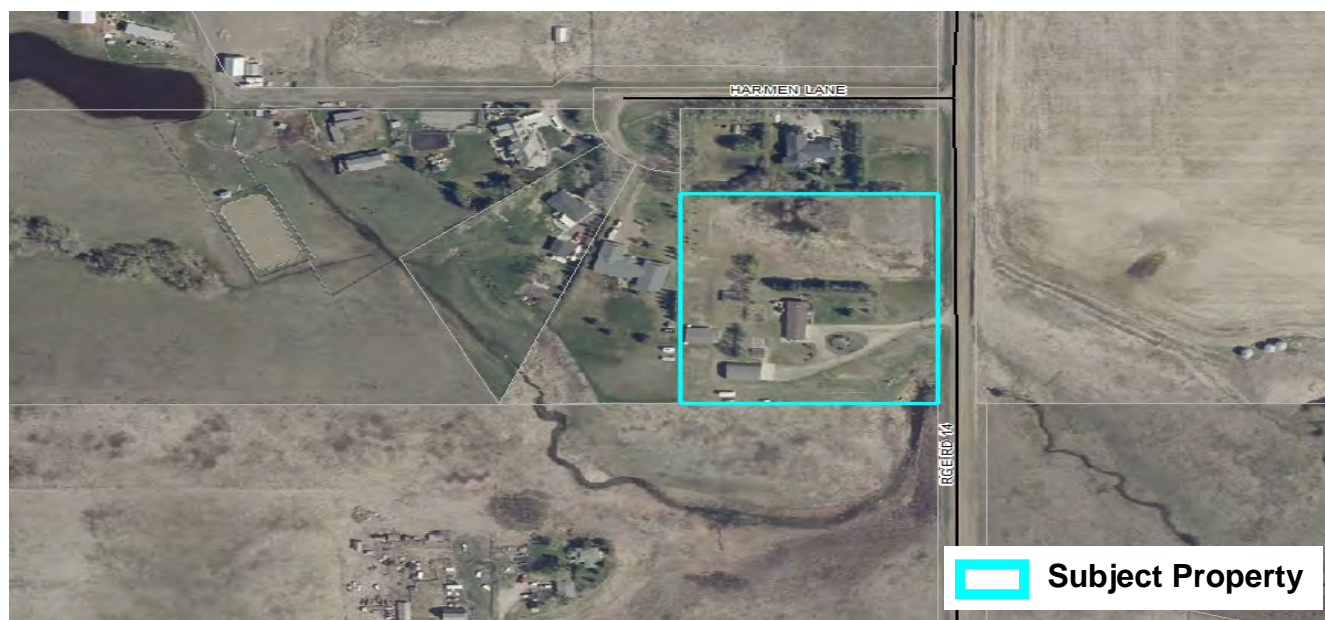
LAND USE DESIGNATION: Residential, Rural District (R-RUR) under Land Use Bylaw C-8000-2020.

ADMINISTRATION RECOMMENDATION:
 Administration recommends Approval in accordance with Option #1.

OPTIONS:

- Option #1: THAT Development Permit Application PRDP20202773 be approved with the conditions noted in the Development Permit Report, attached.
- Option #2: THAT Development Permit Application PRDP20202773 be refused as per the reasons noted.

AIR PHOTO & DEVELOPMENT CONTEXT:



Administration Resources

Sandra Khouri, Planning and Development Services

DEVELOPMENT PERMIT REPORT

Application Date: September 15, 2020	File: 06532010
Application: PRDP20202773	Applicant/Owner: Wearmouth, Dan & Vicki
Legal Description: Block 2, Plan 8310789, SE-32-26-01-05	General Location: located approximately 1.61 km (1 mile) north of Twp. Rd. 264 and on the west side of Rge. Rd. 14
Land Use Designation: Residential, Rural District (R-RUR) under Land Use Bylaw, C-8000-2020.	Gross Area: 2.02 hectares (± 5.00 acres)
File Manager: Sandra Khouri	Division: 7

PROPOSAL:

The proposal is for the single-lot regrading and placement of clean fill for the construction of a berm, ditch, and swale. *Note, this application was assessed in accordance with Land Use Bylaw C-8000-2020.*

Under Section 157 of Land Use Bylaw C-8000-2020, site stripping, grading, excavation, or fill is a discretionary use in all land use districts.

The intent of the application is to keep standing water from accumulating on the property by redirecting drainage towards the ditch in the County road right-of-way.

- A **swale** will be constructed along half of the north property line (from west to east) to pool water draining from Harmen Lane. Swale dimensions:
 - 49.00 m (160.76 ft.) L x 5.00 m (16.40 ft.) W x 0.30 m (0.98 ft.) D
- Then a **v-ditch** will be constructed on the second half of the north property line to direct flow towards the County ditch. V-ditch dimensions:
 - 89.00 m (291.99 ft.) L x 9.00 m (29.52 ft.) W x 0.90 m (2.95 ft.) D
- There are **two existing culverts** at the end of the proposed v-ditch that will facilitate water flow to the County ditch. The 12" culvert will be removed, the 24" culvert will be re-centered, and the County ditch will be dropped by 30 cm. The existing approach here will be moved further south to facilitate construction of the v-ditch.
 - **Note:** work within a County road ROW needs authorization from Road Operations.
- A **berm** will be constructed just north of the proposed v-ditch to prevent water from flowing to the north neighbor's property. The berm will be landscaped in the future. Berm dimensions:
 - 40.00 m (131.23 ft.) L x 4.00 m (13.12 ft.) W x 0.50 m (1.64 ft.) H
- There is a **low area** on the property just east of the house where water pools. This area will be filled to meet the current grade and slightly sloped towards the north so that water will flow towards the proposed ditch. Area dimensions are:
 - 28.00 m (91.86 ft.) L x ~4.00 m - 12.00 m (~13.12 ft. – 39.37 ft.) W x 0.45 m (1.47 ft.) H

Riparian Protection Area

There is a Riparian Protection Area on the southeast corner of the parcel, with the fill area indicated on the site plan appearing to almost encroach into the protection area. However, as the protection area encompasses an existing driveway and road approach, any earthworks north of the driveway would not be of concern.

STATUTORY PLANS:

The subject property is not located within any statutory plans. As such, the application was evaluated in accordance with the Land Use Bylaw.

INSPECTOR'S COMMENTS:

October 16, 2020

- Site well kept
- No construction started
- No concerns at time of inspection

CIRCULATIONS:

Alberta Environment and Parks

No comments received.

Development Compliance Officer Review

Development Compliance has no comments or concerns related to the attached application.

Planning and Development Services – Engineering Review

General

- The review of this file is based upon the application submitted. These conditions/recommendations may be subjected to change to ensure best practices and procedures.

Geotechnical - Section 300.0 requirements:

- Based on County GIS review, site slopes are less than 15%.
- As per the application, the proposal is to construct a ditch and berm for drainage purposes.
- As a permanent condition, the applicant will be required to provide compaction testing results, prepared and provided by a qualified professional, for any areas of the site filled greater than 1.2m in depth.
- Engineering has no requirements at this time.

Transportation - Section 400.0 requirements:

- Access to the parcel is provided off Range Road 14.
- This is unlikely to increase traffic on local road networks. Traffic Impact Assessment and TOL are not required.
- The proposal involves moving the existing approach on north side of the property to facilitate the construction and tie-in of the V-ditch to the road ditch.
- Prior to issuance, the applicant shall obtain all necessary permits/approvals from Road Operations to perform any work within the road allowance to the satisfaction of Road Operations.

Sanitary/Waste Water - Section 500.0 requirements:

- No information was provided.
- Engineering has no requirements at this time.

Water Supply and Waterworks - Section 600.0 & 800.0 requirements:

- No information was provided.
- Engineering has no requirements at this time.

Storm Water Management – Section 700.0 requirements:

- As per the application, the proposed development involves excavation, stripping and filling throughout the north portion of the property to eliminate the water pooling caused by the water runoff from the properties to the west and north of the subject land. The plan is to fill low areas on the property and build a swale to direct water to road ditch of Range Road 14. A berm will be constructed along the northern property line to prevent water from running into the subject land.
- Prior to issuance, applicant shall provide a stormwater memo, prepared by a qualified profession, to confirm that proposed solution/development is adequate to manage on-site stormwater without causing any adverse impacts to drainage patterns and neighboring properties. If the findings of the memo require local improvements, site specific stormwater management plan should be provided identifying onsite stormwater management strategy for the proposed development in accordance with the County Servicing Standards and Nose Creek Watershed Water Management Plan.
- As a permanent condition, the applicant will be required to implement and maintain the approved stormwater management system in perpetuity.

Environmental – Section 900.0 requirements:

- As per County's GIS system, proposed development is in proximity of nose creek tributary and associated riparian area.
- As a permanent condition, the applicant will be required to obtain all necessary approvals from AEP under the Water Act for any watercourse disturbance.
- As a permanent condition, the applicant shall conserve and manage the riparian land in accordance with County Policy # 419: Riparian Land Conservation and Management.
- As an advisory, the applicant is responsible for ensuring that proper dust mitigations measures and ESC controls are adhered to on site.

OPTIONS:

Option #1 (this would allow the development to commence)

APPROVAL, subject to the following conditions:

Description:

1. That single-lot regrading and placement of clean fill for the construction of a berm, ditch, and swale shall be permitted in general accordance with the drawings submitted with the application and the conditions of this permit.

Prior to Issuance:

2. That prior to issuance of this permit, the Applicant/Owner shall contact County Road Operations:
 - i. With haul details for materials and equipment needed during construction/site development to confirm if Road Use Agreements will be required for any hauling along the County road system and to confirm the presence of County road ban restrictions;
 - ii. To obtain a consent letter, permit, and/or approvals for any construction within the County road right-of-way, including filling, regrading, culvert work, and approach relocation; and
 - iii. Written confirmation shall be received from County Road Operations confirming all components of this condition. Any required agreement or permits shall be obtained unless otherwise noted by County Road Operations.
3. That prior to issuance of this permit, the Applicant/Owner shall provide a stormwater memo, prepared by a qualified professional, to confirm that the proposal is adequate to manage on-site stormwater without causing any adverse impacts to drainage patterns and neighboring properties.
 - i. If the findings of the memo require local improvements, a Site Specific Stormwater Management Plan should be provided identifying an onsite stormwater management strategy for the proposed development, in accordance with the County Servicing Standards and Nose Creek Watershed Water Management Plan.

Permanent:

4. That any plan, technical submission, agreement, matter or understanding submitted and approved as part of the application or in response to a Prior to Issuance condition shall be implemented and adhered to in perpetuity.
5. That upon completion of the proposed development, should there be areas of fill that are greater than 1.20 m (3.93 ft.) in depth, the Applicant/Owner shall submit compaction testing results prepared by a qualified professional.
6. That it shall be the responsibility of the Applicant/Owners to ensure the fill has been placed in a safe manner that does not cause slope stability issues, slumping, or any other related safety issues.
7. That upon completion of the proposed development, the Applicant/Owners shall submit an as-built survey, confirming that the development proposal and post grades align with the supporting technical submissions for the file.
8. That any material entering to or leaving from the site, shall be hauled on/off in a covered trailer/truck, which will prevent blowing of dust/small rocks onto the road or cause issues with other vehicles on the road.
 - i. That the clean-up of any mud tracking and/or dirt that enters onto any County roads during hauling, shall be the responsibility and cost of the Applicant/Owner for clean-up.
9. That no topsoil shall be removed from the site.
10. That the Applicant/Owners shall ensure no organic material is buried and capped in a manner that will cause methane gas related issues.
11. That the fill shall not contain large concrete, rebar, asphalt, building materials, organic materials, or other metal.



12. That the Applicant/Owners shall take effective measures to control dust on the parcel so that dust originating therein shall not cause annoyance or become a nuisance to adjoining property owners and others in the vicinity.
13. That the Applicant/Owners shall be responsible for rectifying any adverse effect on adjacent lands from drainage alteration.
14. That the subject land shall be maintained in a clean and tidy fashion at all times and all waste material shall be deposited and confined in an appropriate enclosure. All waste material shall be regularly removed from the property to prevent any debris from blowing onto adjacent property or roadways. That all garbage and waste shall be stored in weatherproof and animal proof containers and be in a location easily accessible to containerized garbage pickup.

Advisory:

15. That any other government permits, approvals, or compliances are the sole responsibility of the Applicant/Owner.
16. That the subject development shall conform to the County's Noise Bylaw C-5773-2003 in perpetuity.
17. That the site shall remain free of restricted and noxious weeds and be maintained in accordance with the Alberta Weed Control Act [*Statutes of Alberta, 2008 Chapter W-5.1; Current as of December 15, 2017*].
18. That if the development authorized by this Development Permit is not completed within twelve (12) months of the date of issuance, the permit is deemed to be null and void.
19. That if this Development Permit is not issued by **May 31, 2021** or the approved extension date, then this approval is null and void and the Development Permit shall not be issued.

Option #2 (this would not allow the development to commence)

REFUSAL, for the following reasons:

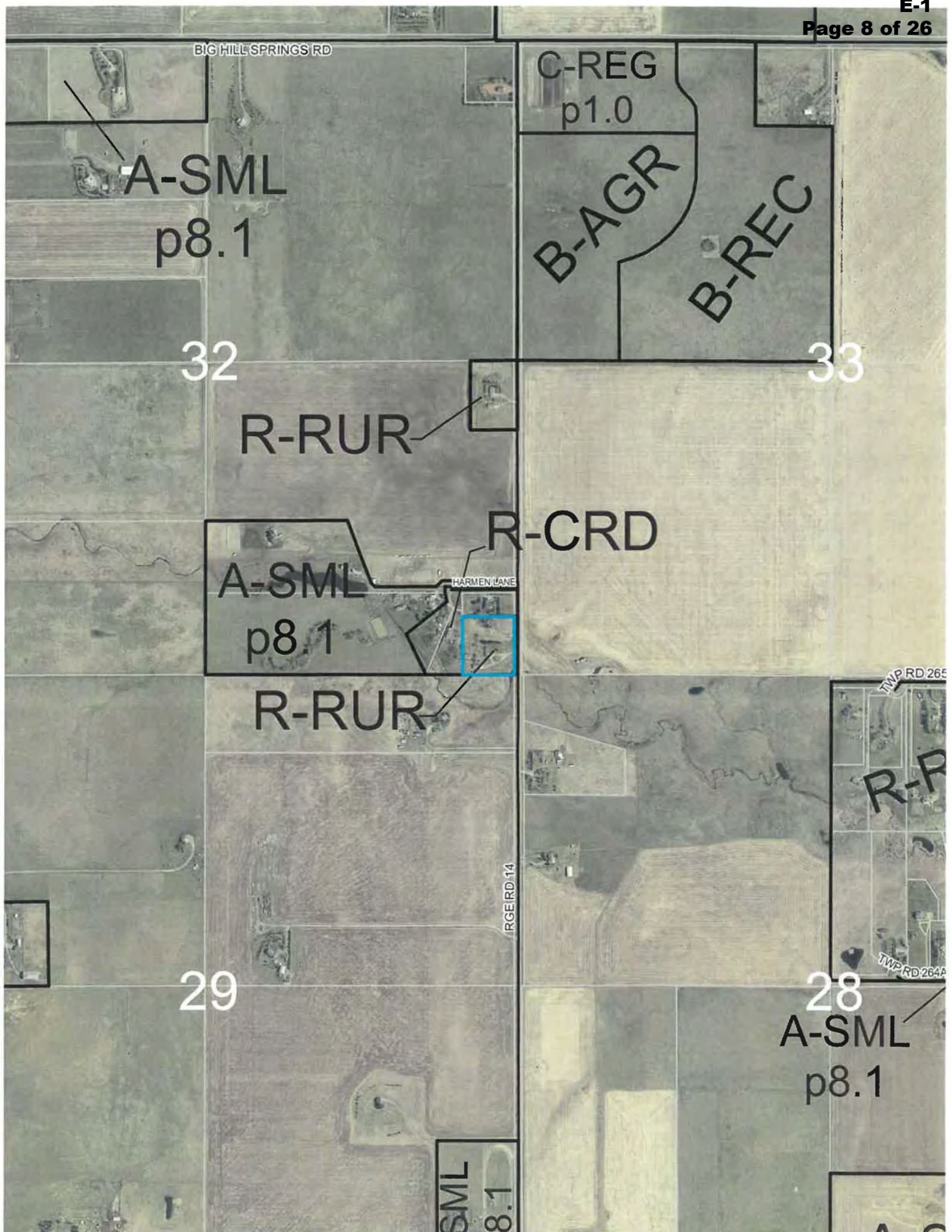
1. That in the opinion of the Municipal Planning Commission, the development unduly interferes with the amenities of the neighbourhood and materially interferes with and affects the use, enjoyment, and value of neighbouring parcels of land.

R-CR

HARMEN LANE

RCERD 14

UR



BIG HILL SPRINGS RD

C-REG
p1.0

A-SML
p8.1

B-AGR

B-REC

32

33

R-RUR

R-CRD

A-SML
p8.1

HARMEN LANE

R-RUR

TWP RD 265

R-R

TWP RD 264A

IRGE RD 14

29

28

A-SML
p8.1

SML
p8.1



HARMEN LANE

RGE RD 14



ROCKY VIEW COUNTY
Cultivating Communities

20202773

APPLICATION FOR A DEVELOPMENT PERMIT

FOR OFFICE USE ONLY	
Fee Submitted \$450.00	File Number 06532010
Date of Receipt 09/15/2020	Receipt # 202005497

Name of Applicant Dan & Vicki Wearmouth Email [REDACTED]

Mailing Address [REDACTED]

Postal Code [REDACTED]

Telephone (B) _____ (H) [REDACTED] Fax _____

For Agents please supply Business/Agency/ Organization Name _____

Registered Owner (if not applicant) _____

Mailing Address _____

Postal Code _____

Telephone (B) _____ (H) _____ Fax _____

1. LEGAL DESCRIPTION OF LAND

a) All / part of the SE $\frac{1}{4}$ Section 32 Township 26 Range 1 West of 5 Meridian

b) Being all / parts of Lot _____ Block 2 Registered Plan Number 8310789

c) Municipal Address 265015 Range Road 14, Rocky View County

d) Existing Land Use Designation Residential 2 Parcel Size 5.00 Acres Division 7

2. APPLICATION FOR

Stripping, filling, excavating & grading of parcel of land and create a new approach

3. ADDITIONAL INFORMATION

- a) Are there any oil or gas wells on or within 100 metres of the subject property(s)? Yes _____ No X
- b) Is the proposed parcel within 1.5 kilometres of a sour gas facility?
(Sour Gas facility means well, pipeline or plant) Yes _____ No _____
- c) Is there an abandoned oil or gas well or pipeline on the property? Yes _____ No X
- d) Does the site have direct access to a developed Municipal Road? Yes X No _____

4. REGISTERED OWNER OR PERSON ACTING ON HIS BEHALF

I DAN WEARMOUTH & VICKI WEARMOUTH hereby certify that X I am the registered owner
(Full Name in Block Capitals)

_____ I am authorized to act on the owner's behalf

and that the information given on this form
is full and complete and is, to the best of my knowledge, a true statement
of the facts relating to this application.

Affix Corporate Seal
here if owner is listed
as a named or
numbered company

Applicant's Signature _____

Date _____

Owner's Signature Dan & Vicki Wearmouth

Date 20/09/15

5. RIGHT OF ENTRY

I hereby authorize Rocky View County to enter the above parcel(s) of land for purposes of investigation and enforcement related to this Development Permit application.



Applicant's/Owner's Signature

Please note that all information provided by the Applicant to the County that is associated with the application, including technical studies, will be treated as public information in the course of the municipality's consideration of the development permit application, pursuant to the Municipal Government Act, R.S.A 2000 Chapter M-26, the Land Use Bylaw and relevant statutory plans. By providing this information, you (Owner/Applicant) are deemed to consent to its public release. Information provided will only be directed to the Public Information Office, 262075 Rocky View Point, Rocky View County, AB, T4A 0X2; Phone: 403-520-8199.

I, Dan Wearmouth ^{VICKI WEARMOUTH} hereby consent to the public release and disclosure of all information contained within this application and supporting documentation as part of the development process.

 20/09/15
Signature Date



ROCKY VIEW COUNTY
Cultivating Communities

STRIPPING, FILLING, EXCAVATION AND GRADING

FOR OFFICE USE ONLY	
Fee Submitted	File Number
Date of Receipt	Receipt #

Name of Applicant Dan & Vicki Wearmouth

Address of Applicant [REDACTED]

Telephone (C) [REDACTED] (H) _____ (Fax) _____

1. NATURE OF THE APPLICATION

Type of application (Please check off all that apply):

- | | |
|--|---|
| <input checked="" type="checkbox"/> Site stripping | <input checked="" type="checkbox"/> Re-contouring |
| <input checked="" type="checkbox"/> Filling | <input type="checkbox"/> Stockpiling |
| <input type="checkbox"/> Excavation (including removal of topsoil) | <input type="checkbox"/> Construction of artificial water bodies and/or dugouts |
| <input type="checkbox"/> Grading | <input type="checkbox"/> Other _____ |

2. PURPOSE

What is the intent of the proposal? Construct a ditch for drainage purposes and to keep standing water from

accumulating on the landscaped area and the undeveloped area.

Construct a berm beside the drainage ditch to prevent water from running

out of the ditch onto neighbouring property.

Indicate the effect(s) on existing drainage patterns or environmentally sensitive areas (i.e. riparian, wetland, waterbodies) (if applicable) _____

The excess water will be channeled away to the main County ditch and will not pool on

the property.

☒ The fill does not contain construction rubble or any hazardous substances (please check)

3. TYPE

Height 60 cm

Volume _____ meters cubed

Width _____

Truckload _____ (approximately)

Length _____

Slope Factor 4 - 1 (if applicable)

Area _____ square metres

*** Please show all measurements in detail on your site plan.**

4. TERMS AND CONDITIONS

(a) General statement about conditions:

1. The Development Authority may include any condition necessary to satisfy a Land Use Bylaw provision, a County Plan, Area Structure Plan, Conceptual Scheme, Master Site Development Plan policy and/or County Servicing Standard.
2. Where on-site works are proposed the County may, by condition, require the provision of a Construction Management Plan and/or Stormwater Management Plan.
3. The Development Authority may impose any condition to meet a requirement of the Municipal Government Act or Subdivision and Development Regulation.
4. As a condition of development approval, the Development Authority may include the requirement to update technical reports submitted with the application.

5. The Development Authority shall impose relevant requirements for the payment of levies associated with Bylaws for transportation, wastewater, water supply and stormwater:
 - i. Transportation Offsite Levy Bylaw;
 - ii. Water and Wastewater Offsite Levy Bylaw; and
 - iii. Such other Bylaws as may be in force or come into force and be applicable to development or activities on or services provided to the subject land from time to time.
6. The Development Authority shall determine any oversizing requirements for services and infrastructure required to be constructed as part of the proposed development. The County will determine Cost Recovery arrangements through preparation and execution of documents prior to endorsement of a plan of survey for registration.

(b) *Technical reports* are defined as any report or any information regarding a matter identified in the Municipal Government Act, Subdivision and Development Regulations, Statutory Plan, County Policy, Servicing Standards or Bylaw.

(c) General statement about technical reports:

1. Additional technical reports may be required after the time of application, based upon the ongoing assessment of the application.

(e) All costs of development are borne by the landowner / applicant including, but not limited to, all on and off-site construction works, infrastructure development, securities, levies, contributions, additional fees associated the preparation and review of reports and technical assessments, endorsement fees imposed by the County, registration fees and such other costs as may be associated with the development of the land. Further, that it is the landowner / applicant responsibility to identify and consider all costs of development.

(f) The applicant and landowner acknowledge that not providing the information required in this form or failing to provide accurate information may prejudice the assessment of the application.

(g) The applicant and landowner acknowledge that the County including individual staff members have not provided an advisory role with respect to the preparation and making of this application and that the decision to make the application is entirely that of the applicant and landowner.

(h) It should be noted that while every effort is made to ensure the applicants are provided with clear information regarding the requirement for application, that over the course of the application assessment process, particularly following a full technical review and also following submissions from agencies, additional technical information may be required. In addition to the requirement for further technical information, further justification regarding the merits of a development proposal may also be required.

5. ADDITIONAL INFORMATION

VICKI WEARMOUTH
Daniel Wearmouth hereby certify that
(Print Full Name)

☒ I am the registered owner

☐ I am authorized to act on behalf
of the registered owner

and that the information given on this form and the material provided with this application is full and complete and is, to the best of my knowledge, a true statement of the facts relating to this application for subdivision approval. Further, I have read, understood and accept the contents, statements and requirements contained and referenced in this document – **STRIPPING, FILLING, EXCAVATION AND GRADING.**

PLEASE PROVIDE ALL OF THE ABOVE INFORMATION. THANK YOU.

September 15, 2020

Rocky View County
Planning and Development
262075 Rocky View Point
Rocky View County, AB
T4A 0X2

To Whom it May Concern;

We are submitting for your consideration the attached Development Permit application. We are wanting to do some excavating, stripping and filling throughout the north portion of our 5 acre property in an attempt to eliminate the excessive water pooling that is occurring. We receive substantial water runoff from properties to the west and north of us and it pools in low areas on our land. Our plan is to fill low areas on the property and build a swale to direct water from the west to a v-trench which will channel excess water to the ditch running along range road 14. A berm constructed along a portion of the northern property line will prevent water from running both into and out of our property. This berm will be landscaped

Any extra topsoil will be used to lift the grade in low areas. Any extra common materials will be placed on the access road.

We are also wanting to create a new approach which will include contouring the ditch to create a positive slope and digging up the existing culver and entering it in the ditch.

Thank you,

A handwritten signature in blue ink, appearing to read 'Dan & Vicki', is written over a faint, circular official stamp.

Dan & Vicki Wearmouth

Looking North, Existing
Culvert and Driveway



Looking South, Riparian
Protection Area



Looking West, Fill Area



Looking North, County
ROW Ditch and Culverts





LAND TITLE CERTIFICATE

S
LINC SHORT LEGAL TITLE NUMBER
0014 813 620 8310789;2 991 089 519

LEGAL DESCRIPTION
PLAN 8310789
BLOCK 2
EXCEPTING THEREOUT ALL MINES AND MINERALS
AREA: 2.02 HECTARES (4.99 ACRES) MORE OR LESS

ESTATE: FEE SIMPLE
ATS REFERENCE: 5;1;26;32;SE

MUNICIPALITY: ROCKY VIEW COUNTY

REFERENCE NUMBER: 971 217 149

REGISTERED OWNER(S)
REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE CONSIDERATION

991 089 519 06/04/1999 TRANSFER OF LAND \$245,000 \$245,000

OWNERS

DAN WEARMOUTH

AND

VICKI WEARMOUTH

BOTH OF:

[REDACTED]
[REDACTED]
[REDACTED]

AS JOINT TENANTS

(DATA UPDATED BY: CHANGE OF NAME 011221367)

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION
NUMBER DATE (D/M/Y) PARTICULARS

751 047 090 20/05/1975 UTILITY RIGHT OF WAY
GRANTEE - ROCKYVIEW GAS CO-OP LTD.
"AS TO THE INTEREST OF SID HASSEN"

(CONTINUED)

ENCUMBRANCES, LIENS & INTERESTS

PAGE 2

991 089 519

REGISTRATION

NUMBER	DATE (D/M/Y)	PARTICULARS
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751 057 400	11/06/1975	UTILITY RIGHT OF WAY GRANTEE - ROCKYVIEW GAS CO-OP LTD. "AS TO THE INTEREST OF ALLEY HASSEN"
831 041 299	08/03/1983	CAVEAT RE : ROADWAY CAVEATOR - THE MUNICIPAL DISTRICT OF ROCKY VIEW NO. 44. VALERIE SCHMALTZ, ASSISTANT MUNICIPAL ADMINISTRATOR P.O. BOX 3009, STATION B CALGARY ALBERTA

TOTAL INSTRUMENTS: 003

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN
ACCURATE REPRODUCTION OF THE CERTIFICATE OF
TITLE REPRESENTED HEREIN THIS 15 DAY OF
SEPTEMBER, 2020 AT 11:27 A.M.

ORDER NUMBER: 40107824

CUSTOMER FILE NUMBER:



END OF CERTIFICATE

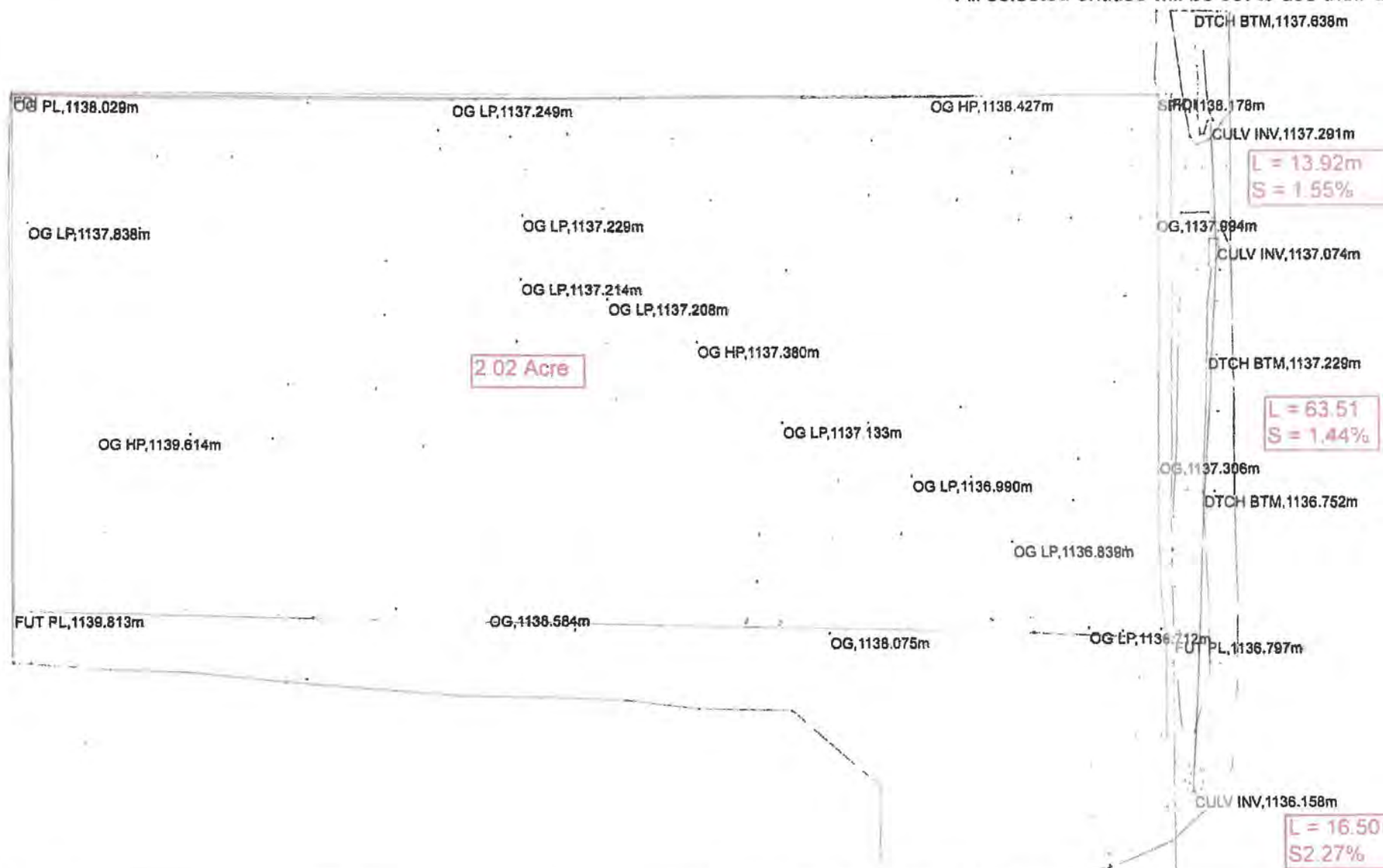
THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM
INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION,
APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).

15m



All selected entities will be set to use their default



D Baldwin

Comment :Original Ground Drainage - 0.25m Contours

Project : Dan Hoe Block 2 Plane 831 0789

C:\Users\dbaldw\Documents\Dan Hoe\Dan Hoe Block 2 Plane 831 0789.tp3

08/10/2020



ROCKY VIEW COUNTY

APPLICATION FOR ROAD APPROACH NOT CONDITIONAL TO SUBDIVISION (POLICY 402)

DATE: August 24 2020 DIVISION: 7
 APPLICANT: Dan & Vicki Wearmouth FILE # _____
 ADDRESS: [REDACTED] PHONE: _____ BUS: _____
 HOME: [REDACTED] FAX: _____

LEGAL DESCRIPTION OF PARCEL REQUIRING ACCESS

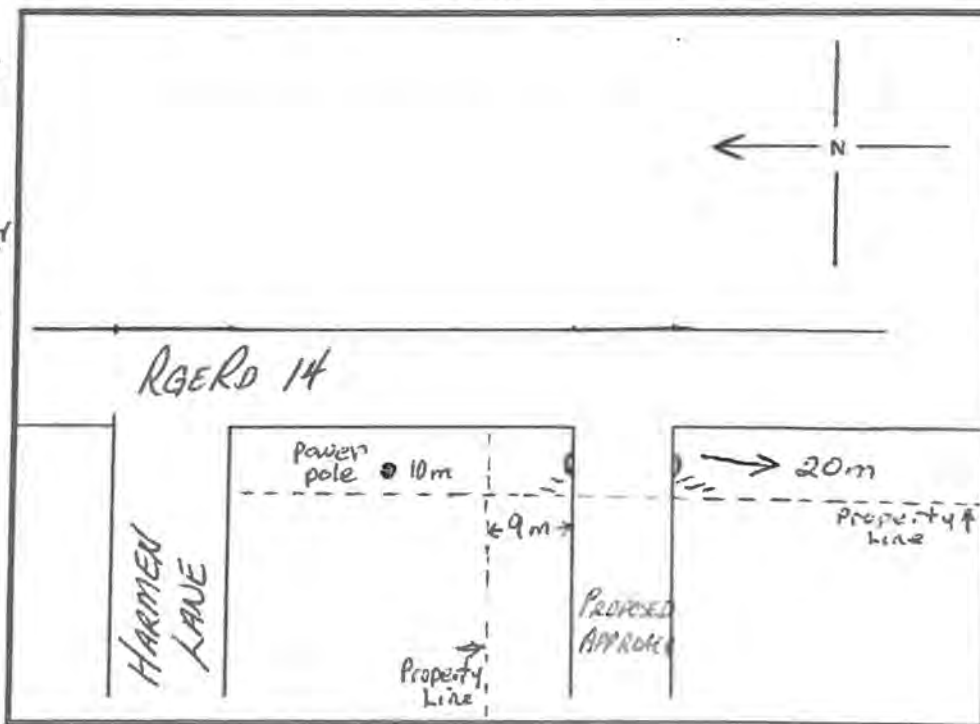
1/4 SE SECTION 32 TOWNSHIP 26 RANGE 1 MERIDIAN W5M
 PLAN 8310789 LOT _____ BLOCK 2

PURPOSE FOR APPROACH: To create entrance to proposed new lot

DIAGRAM SHOWING LOCATION OF REQUESTED APPROACH:

(Please indicate distances to approach from a corner or other landmark; road names; and legal description.
 Physically marking the desired location (with a ribbon or a stake) is appreciated.)

*Locates have been done
 Nothing in the area
 underground
 Overhead power line
 Ticket #
 20203315394*



PROPOSAL
 - Dig up existing culvert & replace it centered in ditch
 - Drop the grade by 30 cm.
 Start cut at power pole
 - Contour ditch & cut to grade and slope
 20 m ditch bottom for positive slope.

OFFICE USE ONLY:

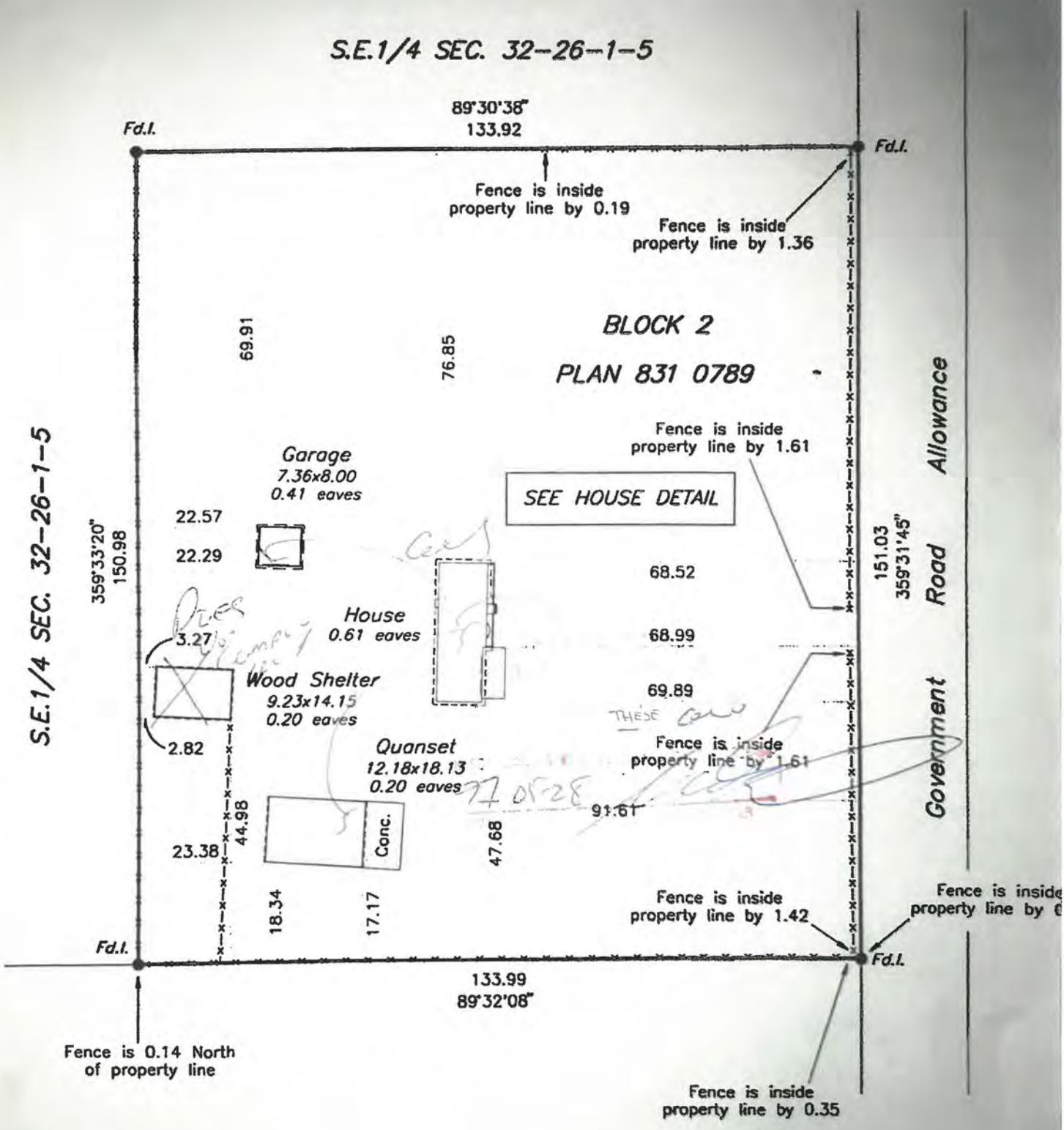
PRECONSTRUCTION INSPECTION:	20	BY:	_____
PERMISSION TO CONSTRUCT:	20	BY:	_____
NOTIFIED OF COMPLETION:	20	BY:	_____
APPROVED ON	20	BY:	_____



ALBERTA LAND SURVEYOR'S REAL PRO

S.E.1/4 SEC. 32-26-1-5

S.E.1/4 SEC. 32-26-1-5



Fill Area

Original Ground

Before

Max fill height 1.5m

Bar

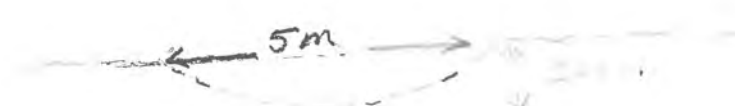


Bar



Set of for
0-45m

Swale



~49m in length.

