# TOWN OF DRUMHELLER BYLAW NO. 29-08

# BEING A BYLAW OF THE TOWN OF DRUMHELLER IN THE PROVINCE OF ALBERTA TO ADOPT AN AREA STRUCTURE PLAN

WHEREAS:

pursuant to the provision of Section 633(1) of the *Municipal Government Act*, R.S.A. 2000, Chapter M-26.1, a council may pass a bylaw for the purpose of adopting an area structure plan to provide a framework for subsequent subdivision and development of land within the Town to be known as:

"THE SANDS OF ROSEDALE, AB AREA STRUCTURE PLAN"

AND WHEREAS: a Public Hearing was held on October 14, 2008 as required by

Section 230 of the Municipal Government Act.

NOW THEREFORE: THE COUNCIL OF THE TOWN OF DRUMHELLER IN THE

PROVINCE OF ALBERTA, DULY ASSEMBLED, ENACTS

AS FOLLOWS:

1. This Bylaw may be cited as "The Sands of Rosedale, AB Area Structure Plan".

2. Council adopts the Sands of Rosedale, AB Area Structure Plan for those lands contained within the plan area.

3. This Bylaw takes effect on the date of the third and final reading.

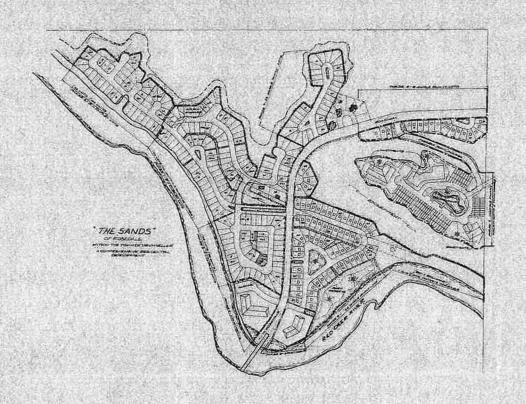
READ A FIRST TIME THIS 29<sup>th</sup> DAY OF SEPTEMBER , 2008.

READ A SECOND TIME THIS 14<sup>th</sup> DAY OF OCTOBER, 2008.

READ A THIRD TIME AND PASSED THIS 14<sup>th</sup> DAY OF OCTOBER, 2008.

HIEF ADMINISTRATIVE OFFICER

# THE SANDS OF ROSEDALE, AB AREA STRUCTURE PLAN LOCATED WITHIN THE TOWN OF DRUMHELLER



# PREPARED FOR

# DALE AND SUZANNE SANDS, ROSEDALE, AB

PREPARED BY

PAL DEVELOPMENT LTD.

AND

WIT ENGINEERING LTD.

July 2008

# 1.0 INTRODUCTION

This Area Structure Plan has been prepared to provide a future planning direction to lands located across the Red Deer River from the community of Rosedale in the Town of Drumheller. These lands are herein referred to as "The Sands of Rosedale, Alberta". The lands have not, in the past, been considered for a comprehensive residential development, primarily due to it having been an active sand and gravel operation.

This Plan is intended to address ownership, floodplain, multiple land uses and to provide planning direction and guidelines that will result in an orderly growth on a phased basis to the areas.

# 1.1 Purpose

The purpose of this Plan is to provide future planning direction for lands which are located north of Rosedale and the Red Deer River and up to the escarpment condition. A portion of the development on the east side includes a plateau condition.

There are several different land owners within the subject property. The plans objective is to provide overall direction for all parties both initially and as relates to long range objectives and phasing of development. This phasing will be tied to marketing and the long term objectives of the prime landowner.

# 2.0 STUDY AREA

# 2.1 Site Location

The area is outlined on the air photo below (Drawing one -"The Sands" of Rosedale - Location Plan)

# 2.2. Ownership

The following table lists landowners and their respective holdings. Dale and Suzanne Sands own the majority of the lands in the study area. (See table one and Figure 2)

Table One - Land Ownership

Parcel Land Owner Legal Total Area in Ha +/- and Acres +/-

- 4. Dale and Suzanne Sands
- Pauline Doel

Lot 3

6. Janice Hardy

Lot 4

Note: Parcels 1, 2 & 3 are located west and north of the existing 30-m wide through road.

4 Gus & June Mattheis

CPR R.O.W.

7. Dale and Suzanne Sands

Total........87.3-HA (215..9-Acres)

# 2.3. Site Constraints

The site contains several distinct areas which are defined by natural constraints.

To the south of the site lies the Red Deer River which clearly defines the developments limits. River banks further define limits of development.

To the east of north/south existing the road within Phase 6 of "The Sands" is a flood plain condition which has been identified as park reserve.

The C.P.R. R.O.W. (now abandoned), has provided an additional constraint due to 3 separate ownerships, (other then the Sands). These ownerships and how they have been incorporated into the overall design are defined within this document.

Escarpment conditions to the north clearly provide a barrier to development and have been addressed in the overall design.

A plateau condition under the Sands ownership exists in the S.E. portion of the site. This plateau offers both a constraint via surrounding slopes and an opportunity for development based on its flat plateau.

# 2.4. Soil Conditions

The site is underlain by the Edmonton Formation of Upper Cretaceous Geological Period. This formation consists mainly of stratified deposits of fine-grained sand stones silt stones and mudstones. Coal seams may also be present. Local experience indicates that the upper layers of rock tend to be rotten and provide few problems for excavation. Very little bentonite is normally found in the sandy surface soils. However, basements may extend into bentonite soils, therefore, weeping tile and good surface drainage need to be considered at the construction stage.

# 2.5. Slope Stability

Prior to construction of any residential development which follows the toe of any of the escarpment conditions or the top of a bank for the plateau (upper) condition, a preliminary slope stability assessment should be conducted. A danger of slumping is not anticipated based on other Drumheller subdivisions with similar hill formation conditions.

Not withstanding it is recommended that all buildings be setback a minimum of 22.8-meters from the edge of the escarpment in the upper plateau area (As per L.U.B.). It is recommended that this area is maintained as an easement in favour of the Town of Drumheller to allow access and maintenance. This strip should not be developed with trees or fences, but may include roads, parking lots and landscaped with grass, shrubs and flower beds. Native grass should be maintained along the edge of escarpments; therefore extra care must be exercised at the construction stage.

At the toe of all slope conditions west of the existing north south through road, it is recommended that a 22.8-meters wide easement to backs of lots be provided to intercept drainage from the escarpment condition (as per L.U.B.). This drainage easement should be developed with a drainage swale which will be maintained by the Town of Drumheller.

At the subdivision application stage, it is recommended that a Geotechnical study be conducted by a qualified professional engineering consultant to confirm the stability of the slopes and the appropriate setback with regard to each specific phase of development. (NOTE: This investigation should be conducted in concert with the Storm Water Management study.)

# 3.0 DEVELOPMENT CONCEPT

# 3.1 Plan Objectives

The principal objectives of this plan are:

- A) To develop a plan to guide future development of this area.
- B) To establish appropriate development guidelines for this area.
- C) To establish a servicing concept for the area.

# 3.2 Development Concept

The development concept for this site establishes several enclaves of residential uses. It is anticipated that housing mixes will range from conventional single family homes to town housing to apartments and to a significant area of villas designed specifically for families with large R.V. motor homes and fifth wheels. The first area of development lies west of the north/south road allowance, north of the Red Deer River and south of the escarpment.

A) R.V. Villa Lots — These lots are duplex lots with homes designed to accept the large R.V. motor homes or fifth wheels in a separate attached garage The area would be developed in three distinct phases, creating a total of 87 lots or 174 1/2 duplex units. Interspersed with these villa lots will be a number of lots and areas for guest parking for visitors with large R.V. units.

The area is defined by a median divided entrance road affording a privacy and exclusive feel to this neighborhood. Several open space crossings to the River have been established to aid in storm water management related to the drainage swale proposed at the toe of the escarpment.

There are three existing areas (ponds), that hold or held water from runoff. Two of these areas have been filled with the third being filled at time of writing. Depending on compaction these areas will be used for R.V. storage and or villas if engineering (Geotechnical) investigation at time of construction prove the sites viable for villa development.

Immediately north of the median divided access road is a significant open space feature which adds to the park feel upon entry. It also recognizes the old C.P.R. R.O.W. a portion of which contains two existing homes which have been designed into the subdivision. The R.V. villa lots are located in phases 1, 2 and 3.

- B) <u>Apartments</u> are located in three separate areas. Phases 4 and 5 are on opposite sides of the bridge crossing of the Red Deer River and function as the "Gateway" to the Sands of Rosedale Development. These apartments are noted as phases 4 and 5.
- C) Single Family Residential located on the east side of the north/south through road and extending from the Red Deer River, north to the escarpment and abandoned CPR rail R.O.W. These lots average 18-m x 36-m (59' x 118') and are shown as 68 lots within phase 6. There are three points of access egress to phase 6 with the southerly access also serving the apartment site. A central island park and a significant park along the river (flood plain), compliment this residential community.
- D) Bed and Breakfast Acreage This site shown as a linear acreage north of the river and east of phase 6 is a remnant of the abandoned CPR rail R.O.W. owned by Gus and June Mattheis. This site will ultimately form part of a "land trade" with the Sands property. The Mattheis property extends west to the north/south through road. A significant entrance has been shown into the acreage lot.
- E) <u>Plateau Mixed Residential</u> Located at the east side of "The Sands" and north of the escarpment. This cluster enclave contains 3 apartment sites and 4 separate town house complex's. A central ring road with a park and pond feature add to the uniqueness of this site and its panoramic views. A Geotechnical investigation at time of subdivision will determine exact setback requirements from slope conditions.
- F) Single Family Residential Lots are located in phase 8 along the existing north/south through road and contain +/-18-lots. These lots are average 18-m x 36-m (59' x 118') and may vary in size based on market conditions at time of construction.
- G) Single Family Residential Phase 9 located on the north side of the north/south through road is a single family elongated cul-de-sac containing 32 lots. This would likely be the last phase of development. Immediately adjacent to this phase (east), are a grouping of existing structures which were part of the gravel mining operation. These buildings will remain in place, but may in the distant future be removed. A dashed cluster grouping shows how an urban overlay could happen on this site.

# NOTE:

As identified in Section 2.4 – "Slope Stability", a Geotechnical investigation will be required along with the subdivision application for any portion of the above described development concept to insure the site is suitable.

# 3.2.1 Plan Statistics

The following table shows the statistics as relates to all 9 phases of The Sands of Rosedale Development. All acreages, road lengths and lot parcel sizes are approximate only and subject to clarification by survey at time of subdivision development.

# **STATISTICS**

	$\underline{\text{Acres}(\pm)}$	$\underline{\text{Hectares}}(\pm)$
GROSS AREA Less Environmental Reserve (ER)	215.9 86.6	87.3 35.0
NET AREA	129.3	52.3
RV Villas Site (R2) Residential (R1) Apartments (R4) Town Houses (R4) ROADS - RV Villas Site - Local - Existing North/South Road  Municipal Reserve (MR) Possible Future Development	27.9 21.9 11.5 10.2 11.7 8.0 9.4 20.6 8.1	11.3 8.9 4.7 4.1 4.7 3.2 3.8 8.3 3.4
Total Are	2a 129.3	52.3
Total No. Single Family Lots		

## 4.0 SERVICING

The Study Area will be connected to the Rosedale Community existing servicing lines which are located immediately south of the Red Deer River. This servicing lines will be suspended (sewer and water), under the bridge in utilidors, (in accordance with Alberta Environment). The design of the above mentioned will be done as requirement with Alberta Environment.

# 4.1 Road Network

The Sands of Rosedale subdivision has been designed to accommodate 9 distinct phases of development. The phases have varying access needs based on the type of residential to be provided. To the west of the north/south through road lie the villas specifically intended for R.V. oriented residents. All internal roads will be built as 11.5—meter roadways with curb and gutter within a 19-meter R.O.W. These roads will allow the passage of two large R.V. motor homes and still accommodate parking on one side.

All other roads to the west and north will be accommodating conventional single family residential, town houses or apartment structures. These residential roads will be 9-m paved surfaces with curb and gutter within a 15-meter wide R.O.W., As development proceeds detailed engineering design to construction will dictate the need to limit or restrict on street parking.

On both sides of the north/south through road, divided median entrance points have been shown. These feature access points are based on 30-meter wide R.O.W.'s. From the edge of the R.O.W. on both sides will be a 4-meter setback, a 6.5-meter lane and a 9-meter planted median strip down the middle.

# 4.2. Utility Servicing

# 4.2.1. Sanitary Sewer

Sanitary from this area will flow from some of the phases via gravity to a force main and lift station, hence across the bridge to tie into Rosedale's existing services. This approach will require the construction of a utilidor winterized and heat taped line under the bridge up against the bridge apron and protected by the side girders from spring ice flows. This approach will have to be engineered to the satisfaction of the approving agencies.

# 4.2.2. Water

Water provision to the site presents the same engineering issues in crossing the Red Deer River. The same utilidor approach will be used to resolve this issue. To ensure adequate water is available for fire protection, lines will be looped with some areas of higher density envisioned, it is recommended that fire hydrants be installed at 150-m spacing. Buildings (apartments), shall be restricted to a maximum 3-storey height to eliminate the need for separate booster pumps for fire flows. Water services will be designed in detail at time of development to the satisfaction of the approving agencies.

# 4.2.3. Storm Water Management

As identified in 2.4 – "Slope Stability" which relates to the toe and the top of slope set back requirements, as well as increase in run-off and Storm Water drainage from impermeable surfaces (i.e. roadways, driveways and structures), the following is recommended. A Storm Water Management study shall be undertaken by a professional Storm Water Management consultant.

Generally post-development flow rates off of the site are not to be higher then predevelopment flow rates (as contained in the "Storm Water Management Guidelines for the Province of Alberta, 1999").

# 4.2.4. Shallow Utilities

All shallow utilities are to be located underground. These are to be installed by the various franchise companies and will be co-coordinated through a service agreement. These companies will need to investigation site soils conditions such as rock excavation.

## 5.0 IMPLEMENTATION

# 5.1 Land Use Classification

The majority of the subject property is currently classified "A" (Agricultural for the most part) in the Town of Drumheller land use by-law, which also includes the cluster grouping of buildings east of phase 9. These structures are zoned "A" District. All of the buildings are related to the former sand and gravel operation conducted on these lands.

The 2 existing lots Hardy and Doel located on the abandoned Rail R.O.W (in part), are zoned "CR" or, Country Residential District.

The Land Use By-law requires an Area Structure Plan to be prepared prior to the site, being reclassified to a more appropriate land use district (s).

Since there have not been any previous planning documents prepared for this site this document has been created in sufficient detail to analyze the various land uses and locations. Therefore the mix of single family, R.V. Villas, Town Housing and Apartment Sites related to an economic overview of servicing opportunities and constraints make this concept valid at this time.

It is recommended in order to facilitate this development, that the following land use districts be applied:

- Phases 6, 8 and 9 are all R1-single family residential district. This would include the proposed bed and breakfast home occupation site.
- Phases 1, 2 and 3 are all R2-Duplex lots which will accommodate the proposed unique R.V. Villa lots.
- Phases 4, 5 and 7 are all R4-Multiple Family Districts and allow for the 5 proposed 3 story walk-up apartment structures, as well as the 5 cluster Town Housing groups on the upper plateau.

It is also recommended that the site containing the buildings which were part of the previous sand and gravel operation be left in its current classification of "A" (Agricultural). These structures would then become a "legal non-conforming use", which would be terminated to prior residential development in this area.

# 5.2 Municipal Reserve

In concert with this proposed subdivision the undeveloped hillsides or escarpment lands should be taken as reserve. If the lands are such that they can never be developed and will likely be left in their natural state. These lands should be considered as <u>environmental reserve</u>. Top plateau areas would be left for future urban development.

Given the magnitude of the development consideration has been given to the provision of Municipal Reserves. Within the R.V. Villa Development a 20-m (66') strip along the toe of the escarpment can function as Municipal Reserve, and a drainage course. In addition a significant park area has been designed upon entry to the R.V. Villas site.

Two park areas of note are located in Phase 6 with an extensive park adjacent to the Red Deer River and a central "island" park within the subdivision.

A central island park is also located on the upper plateau in Phase 7. Depending on Geotechnical conditions this park would also provide a pond amenity.

# 5.3 Trail Connections

Phases 1, 2 and 3 provide for the creation of an interconnected trail system. This system can be developed with a shale trail pathway system for the enjoyment of the local residents. Green connections are also shown north to south in several locations. These connections can function as cross-drainage areas as well as for pedestrian movement.

Phase 6 also boasts a significant trail system which will pick up on the views from the Red Deer River.

# 5.4 Phasing

Development of the Sands of Rosedale will be undertaken on a sequential basis beginning from the west (villas), hence east to the residential and north to the plateau's mixed use multiple family development. As previously noted it is recommended that no buildings be constructed over three stories in height.

Parking requirements need to be carefully considered at time of development. On-street parking (one-side) has been considered and applies to all areas. Adequate parking for owners, tenants and visitors must be considered. It is recommended that the following standards be considered for the Sands of Rosedale at the time of subdivision approval and construction.

- Apartments: 1 stall per dwelling unit, plus one stall per 4 units for visitor parking.
- Town Houses: 2 stalls per dwelling unit plus one stall per 5 units for visitor parking.
- Duplexes: 2 stalls per dwelling unit
- Single Family House: 2 stalls per dwelling unit.

Portions of this property provide for some panoramic views of the River Valley and surrounding hill formations. Coupled with the fact that unique housing forms such as the villa, town houses and apartments are being proposed, then the developer proposes upscale or provide high quality developments throughout the Sands of Rosedale.

# 5.5 Development Guidlines

The Sands of Rosedale are currently owned by several separate parties. The greatest portion of lands within the site are wholly owned by Dale and Suzanne Sands.

A portion of the abandoned CPR rail R.O.W., has been purchased by Gus and June Mattheis of Hanna, Alberta. This land will ultimately be designed out to the configuration shown on this A.S.P. Concept Plan. This entails a land swap which would occur at time of construction.

Immediately west of the main north/south through road are two existing single family lots owned by Hardy and Doel respectfully. These lots have been recently consolidated by the

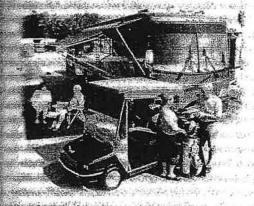
Town of Drumheller to increase the rear yards of the lots. Again care has been given to acknowledge their existence and to incorporate them into the concept plan.

The Sands have their existing homestead within this area plus one or two other existing homes. These have been designed out through the concept development and structures will be moved or raised at time of subdivision and their lots consolidated into the development.

All land exchanges will not form part of this Area Structure Plan and will have to be negotiated with the Town and the various land owners at time of Subdivision.

# NOTE:

To date discussion have occurred between the Town of Drumheller, owners of the abandoned rail line and the recent owners of the easterly portion of the abandoned railway as relates to servicing and a land exchange. This ASP will as part of the approval processing have a public participation program undertaken. This will insure resolution of concerns of all parties prior to subdivision application.



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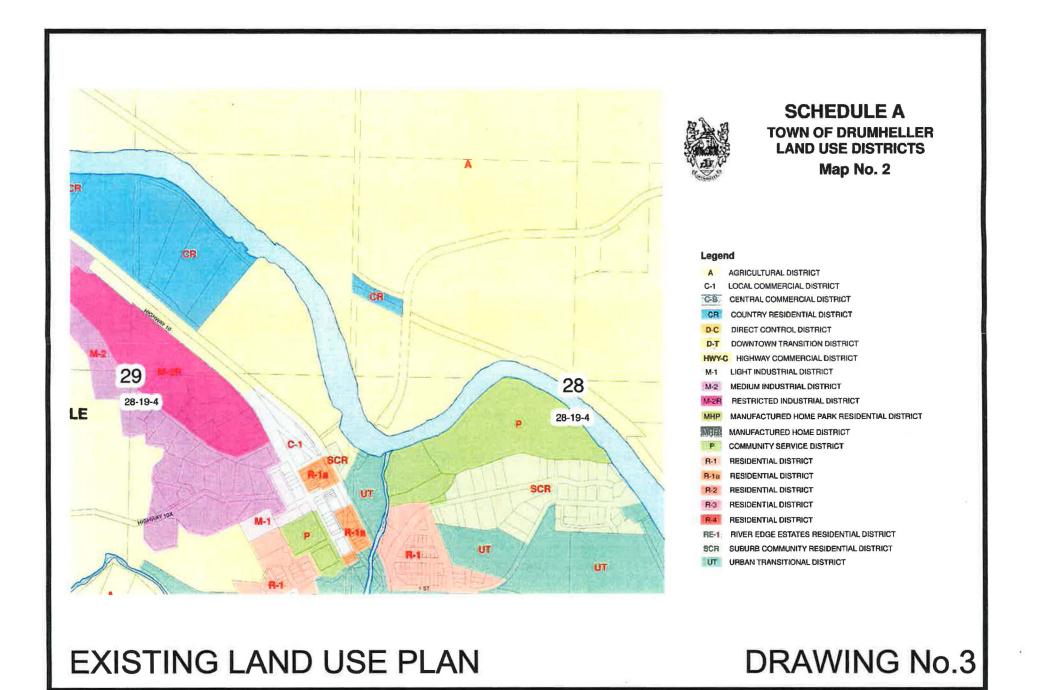






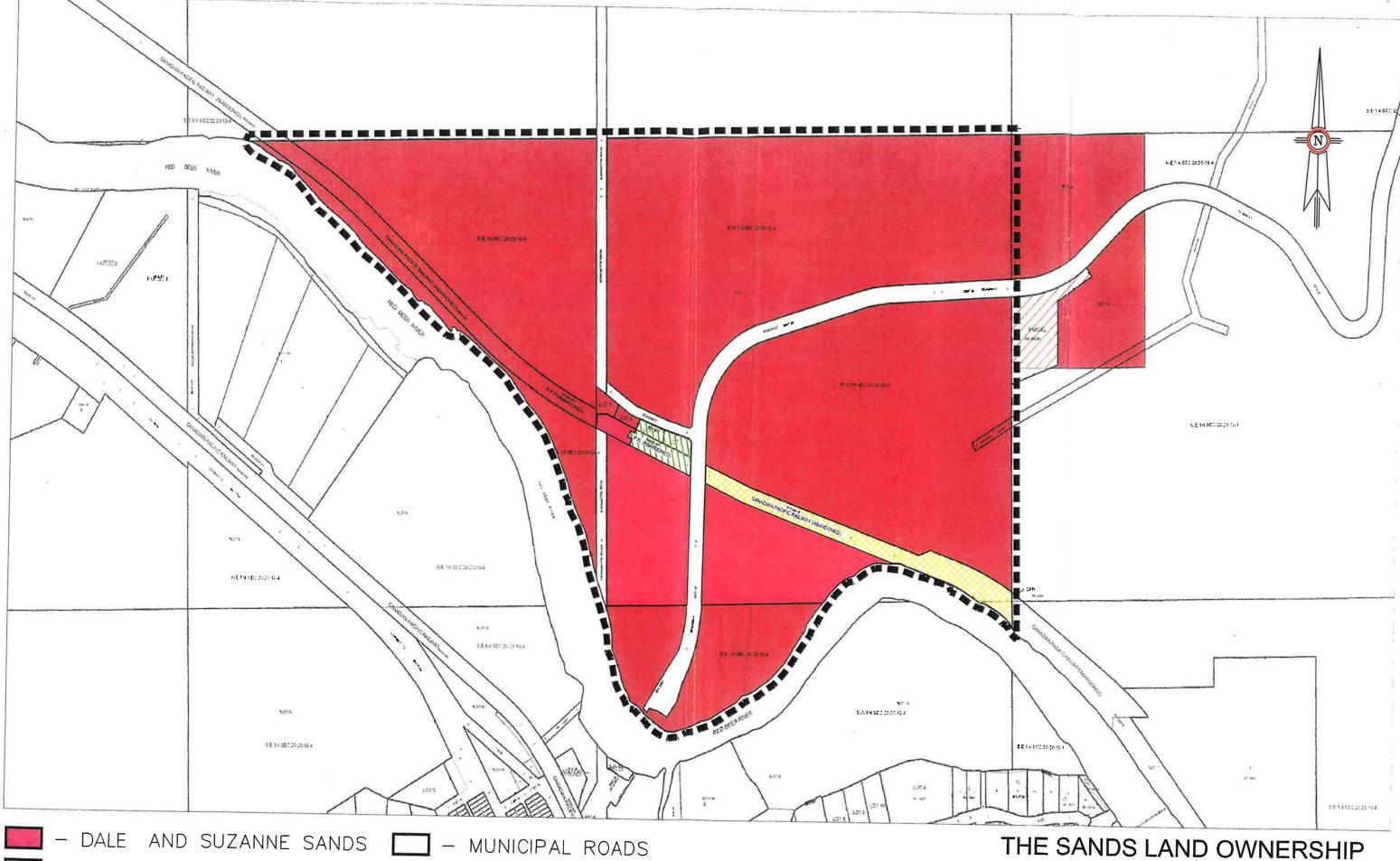
**AERIAL PHOTO LOCATION PLAN** 

**DRAWING No.1** 









- DALE AND SUZANNE SANDS

- GUS AND LINDA MATTHEIS - STUDY BOUNDARY

DOEL AND HARDY

THE SANDS LAND OWNERSHIP AND STUDY AREA

**DRAWING No.2** 



S

LINC 0022 251 193 SHORT LEGAL 4;19;28;29;NE TITLE NUMBER

881 112 526

LEGAL DESCRIPTION

MERIDIAN 4 RANGE 19 TOWNSHIP 28 SECTION 29 THAT PORTION OF THE NORTH EAST QUARTER WHICH LIES TO THE NORTH EAST OF THE RED DEER RIVER AS SHOWN ON THE TOWNSHIP PLAN DATED 3 MARCH 1905 CONTAINING 22.1 HECTARES (54.5 ACRES) MORE OR LESS EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

881 112 526 05/07/1988

SEE INSTRUMENT

OWNERS

DALE EDWARD SANDS (BUSINESSMAN)

SUZANNE LUCILLE SANDS BOTH OF: P.O. BOX 810 ROSEDALE ALBERTA TOJ 2VO AS JOINT TENANTS

REGISTRATION

PAGE 2 # 881 112 526

NUMBER DATE (D/M/Y)

PARTICULARS

761 001 862 08/01/1976 UTILITY RIGHT OF WAY

GRANTEE - BIG COUNTRY GAS CO-OP LTD...

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 13 DAY OF MAY, 2008 AT 04:09 P.M.

ORDER NUMBER:11277074

CUSTOMER FILE NUMBER:



\*END OF CERTIFICATE\*

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S

LINC 0022 247 787

SHORT LEGAL 4;19;28;28;NW TITLE NUMBER 001 286 547 +3

LEGAL DESCRIPTION

MERIDIAN 4 RANGE 19 TOWNSHIP 28 SECTION 28

ALL THAT PORTION OF THE NORTH WEST QUARTER THAT LIES NORTH OF THE RAILWAY AND EXTRA RIGHT OF WAY ON PLAN RW334 AND TO THE SOUTH AND EAST OF ROAD PLAN 6557JK CONTAINING 21.416 HECTARES (53.4 ACRES) MORE OR LESS EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

REFERENCE NUMBER: 981 234 282 +3

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

001 286 547 06/10/2000 TRANSFER OF LAND

SEE INSTRUMENT

OWNERS

DALE SANDS

AND SUZANNE SANDS BOTH OF: BOX 810 ROSEDALE ALBERTA TOJ 2VO AS JOINT TENANTS

PAGE 2 # 001 286 547 +3

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

761 001 862 08/01/1976 UTILITY RIGHT OF WAY

GRANTEE - BIG COUNTRY GAS CO-OP LTD..

771 080 199 20/06/1977 CAVEAT

CAVEATOR - THE CALGARY REGIONAL PLANNING

COMMISSION.

AFFECTED LAND:

4;19;28;28;NW

DEFERRED RESERVE CAVEAT

891 053 092 29/03/1989 CAVEAT

RE : SURFACE LEASE

CAVEATOR - EOG RESOURCES CANADA INC..

1300, 700-9TH AVENUE SW

CALGARY

ALBERTA T2P3V4

AGENT - SEAL.

(DATA UPDATED BY: TRANSFER OF CAVEAT

941018154)

(DATA UPDATED BY: CHANGE OF NAME 021434368)

(DATA UPDATED BY: TRANSFER OF CAVEAT

041067333)

TOTAL INSTRUMENTS: 003

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 13 DAY OF MAY, 2008 AT 03:54 P.M.

ORDER NUMBER: 11276783

CUSTOMER FILE NUMBER:



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S

LINC

SHORT LEGAL

0012 152 154

4;19;28;28;NW

TITLE NUMBER 001 286 547 +6

0026 497 990

4;19;28;28;SW

LEGAL DESCRIPTION

FIRST

THOSE PORTIONS OF THE NORTH WEST QUARTER OF SECTION 28 IN TOWNSHIP 28

RANGE 19

WEST OF THE 4TH MERIDIAN

WHICH LIE TO THE NORTH OF THE RED DEER RIVER AS SHOWN ON THE

TOWNSHIP PLAN APPROVED AT OTTAWA 3 MARCH, 1905

CONTAINING 64.5 HECTARES (159.5 ACRES) MORE OR LESS

EXCEPTING THEREOUT:

(A) PLAN

NUMBER

HECTARES

ACRES

RAILWAY & EXTRA

RIGHT OF WAY

R.W. 334

2.87

7.10

ROADWAY 6557 J.K. 2.996 7.41 (B) ALL THAT PORTION OF THE NORTH WEST QUARTER OF SAID SECTION 28

THAT LIES NORTH OF THE RAILWAY AND EXTRA RIGHT OF WAY ON PLAN

R.W. 334, AND THE SOUTH AND EAST OF ROAD 6557 J.K.,

CONTAINING 21.56 HECTARES (53.4 ACRES) MORE OR LESS

C) SUBDIVISION PLAN 8911896 CONTAINING 0.775 HECTARES (1.92 ACRES) MORE OR LES

S

EXCEPTING THEREOUT ALL MINES AND MINERALS

## SECOND

THAT PORTION OF THE SOUTH WEST QUARTER OF SECTION 28 IN TOWNSHIP 28

RANGE 19

WEST OF THE 4TH MERIDIAN

WHICH LIE TO THE NORTH OF THE RED DEER RIVER AS SHOWN ON THE

TOWNSHIP PLAN APPROVED AT OTTAWA 3 MARCH, 1905

CONTAINING 4.77 HECTARES (11.8 ACRES) MORE OR LESS

EXCEPTING THEREOUT:

NUMBER

HECTARES

ACRES

RAILWAY & EXTRA

RIGHT OF WAY

R.W. 334

0.101

0.252

ROADWAY

6557 J.K.

4.281

1.57

PAGE 2

ROAD

9512092 0.098

# 001 286 547 +6

EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

REFERENCE NUMBER: 981 234 282 +6

REGISTERED OWNER(S)

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CONSIDERATION

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

0.24

001 286 547 06/10/2000 TRANSFER OF LAND

SEE INSTRUMENT

OWNERS

DALE SANDS

AND

SUZANNE SANDS

BOTH OF:

BOX 810

ROSEDALE

ALBERTA TOJ 2VO

AS JOINT TENANTS

#### ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y) PARTICULARS

761 001 862 08/01/1976 UTILITY RIGHT OF WAY

GRANTEE - BIG COUNTRY GAS CO-OP LTD..

891 263 162

12/12/1989 CAVEAT

RE : DEFERRED RESERVE

CAVEATOR - PALLISER REGIONAL PLANNING COMMISSION.

POST OFFICE DRAWER 1900

HANNA ALBERTA

REGISTRATION

PAGE

# 001 286 547 +6

NUMBER DATE (D/M/Y) PARTICULARS

901 197 543 30/07/1990 CAVEAT

RE : RIGHT OF WAY AGREEMENT

CAVEATOR - EOG RESOURCES CANADA INC...

ATTN: LAND DEPARTMENT 1300, 700-9 AVENUE SW

CALGARY

ALBERTA T2P3V4

AGENT - SEAL.

AFFECTED LAND:

4;19;28;28;NW

(DATA UPDATED BY: TRANSFER OF CAVEAT

941018154)

(DATA UPDATED BY: CHANGE OF NAME 021434377)

(DATA UPDATED BY: TRANSFER OF CAVEAT

041068042)

941 004 471 07/01/1994 CAVEAT

RE : RIGHT OF WAY AGREEMENT

CAVEATOR - ALBERTA POWER LIMITED.

10035 105 STREET, EDMONTON

ALBERTA

AGENT - SANDRA MITCHELL

AFFECTED LAND: 4;19;28;28;SW

941 298 858 21/11/1994 CAVEAT

RE : UTILITY RIGHT OF WAY

CAVEATOR - ALBERTA POWER LIMITED.

10035 105 STREET, EDMONTON

ALBERTA

AGENT - LORRIE SAWCHUK

991 343 534 23/11/1999 CAVEAT

RE : RIGHT OF WAY AGREEMENT

CAVEATOR - ATCO ELECTRIC LTD...

10035-105 STREET

EDMONTON

ALBERTA T5J2V6

AGENT - MURRAY BANDURA

AFFECTED LAND: 4;19;28;28;NW

001 240 090 25/08/2000 CAVEAT

RE : RIGHT OF WAY AGREEMENT

CAVEATOR - ATCO ELECTRIC LTD..

10035-105 STREET

EDMONTON

ALBERTA T5J2V6

AGENT - MURRAY BANDURA

REGISTRATION

PAGE 4

# 001 286 547 +6

NUMBER DATE (D/M/Y) PARTICULARS

AFFECTED LAND: 4;19;28;28;SW

TOTAL INSTRUMENTS: 007

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 13 DAY OF MAY, 2008 AT 03:54 P.M.

ORDER NUMBER:11276783

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).



S

LINC

SHORT LEGAL

0022 248 785 4;19;28;29;NE

TITLE NUMBER

891 031 434

LEGAL DESCRIPTION

MERIDIAN 4 RANGE 19 TOWNSHIP 28

SECTION 29

THAT PORTION OF THE NORTH EAST QUARTER

WHICH LIES SOUTH AND WEST OF THE RED DEER RIVER

AS SHOWN ON A TOWNSHIP PLAN DATED ON THE 3RD DAY OF MARCH 1905

CONTAINING 28.3 HECTARES (69.90 ACRES) MORE OR LESS

EXCEPTING THEREOUT

FIRSTLY:

THAT PORTION DESCRIBED IN TRANSFER REGISTERED AS 6519JB

AND CERTIFICATE OF TITLE 137 U 236

CONTAINING 14.06 HECTARES (34.74 ACRES) MORE OR LESS

SECONDLY:

PLAN

NUMBER

HECTARES (ACRES) MORE OR LESS

RAILWAY RIGHT OF WAY RW 25

1.56 (3.85)

ROAD

8411133

1.68

(4.15)

EXCEPTING THEREOUT ALL MINES AND MINERALS

AND THE RIGHT TO WORK THE SAME

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

891 031 434 22/02/1989

\$30,000

OWNERS

CLAYTON SCHROCK TRUCKING LTD..

OF P.O. BOX 1974

DRUMHELLER

ALBERTA TOJ 0Y0

PAGE 2 # 891 031 434

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

5553KY . 20/05/1971 UTILITY RIGHT OF WAY

GRANTEE - PLAINS WESTERN GAS & ELECTRIC CO LTD.

"20 FT STRIP NORTH OF RW 25"

TOTAL INSTRUMENTS: 001

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 13 DAY OF MAY, 2008 AT 04:09 P.M.

ORDER NUMBER:11277074

CUSTOMER FILE NUMBER:



#### \*END OF CERTIFICATE\*

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S

LINC

SHORT LEGAL

0022 790 695

4;19;28;28;;7,5,6

TITLE NUMBER

831 035 383

LEGAL DESCRIPTION

MERIDIAN 4 RANGE 19 TOWNSHIP 28 SECTION 28 THOSE PORTIONS OF LEGAL SUBDIVISIONS 5, 6 AND 7 IN THE SOUTH HALF WHICH LIES WITHIN TWO ISLANDS IN THE RED DEER RIVER AS SHOWN ON THE TOWNSHIP PLAN APPROVED AT OTTAWA 3 MARCH 1905 CONTAINING 7.203 HECTARES (17.80 ACRES) MORE OR LESS EXCEPTING THEREOUT THE SUBDIVISION ON PLAN 8311108 EXCEPTING THEREOUT ALL MINES AND MINERALS

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

AND THE RIGHT TO WORK THE SAME

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE

VALUE

CONSIDERATION

831 035 383 28/02/1983

OWNERS

HER MAJESTY THE QUEEN IN RIGHT OF ALBERTA AS REPRESENTED BY THE ASSOCIATE MINISTER OF PUBLIC LANDS AND WILDLIFE OF PETROLEUM PLAZA, SOUTH TOWER, 9915-108 ST EDMONTON ALBERTA T5K 2C9

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

PAGE 2 # 831 035 383

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

NO REGISTRATIONS

TOTAL INSTRUMENTS: 000

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 13 DAY OF MAY, 2008 AT 03:54 P.M.

ORDER NUMBER: 11276783

CUSTOMER FILE NUMBER:



#### \*END OF CERTIFICATE\*

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S

LINC

SHORT LEGAL

0026 942 946

4;19;28;28;SE

TITLE NUMBER

971 000 163

LEGAL DESCRIPTION

MERIDIAN 4 RANGE 19 TOWNSHIP 28

SECTION 28

THAT PORTION OF SOUTH EAST QUARTER

WHICH LIES NORTHEAST OF THE LEFT BANK

OF THE RED DEER RIVER AS SHOWN ON THE

TOWNSHIP PLAN APPROVED AT OTTAWA 3 MARCH 1905

CONTAINING 37.6 HECTARES (92.9 ACRES) MORE OR LESS

EXCEPTING THEREOUT:

PLAN RAILWAY NUMBER

HECTARES

(ACRES) 6.20

MORE OR LESS

EXTRA R/W

RW334

2.51 1.24

PUBLIC WORK 9710002 9.94

RW334

3.07

24.56

EXCEPTING THEREOUT ALL MINES AND MINERALS

AND THE RIGHT TO WORK THE SAME

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

REFERENCE NUMBER: 961 121 294

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REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

971 000 163 02/01/1997 PUBLIC WORKS

PLAN

**OWNERS** 

HER MAJESTY THE QUEEN IN RIGHT OF ALBERTA AS REPRESENTED BY THE MINISTER OF ENVIRONMENTAL PROTECTION OF C/O 9915-108 ST EDMONTON ALBERTA T5K 2G8

REGISTRATION

PAGE 2 # 971 000 163

NUMBER DATE (D/M/Y)

PARTICULARS

## NO REGISTRATIONS

TOTAL INSTRUMENTS: 000

THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN ACCURATE REPRODUCTION OF THE CERTIFICATE OF TITLE REPRESENTED HEREIN THIS 13 DAY OF MAY, 2008 AT 03:54 P.M.

ORDER NUMBER: 11276783

CUSTOMER FILE NUMBER:



#### \*END OF CERTIFICATE\*

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S

LINC

SHORT LEGAL

0022 763 478

4;19;28;28;SW

0022 763 486

4;19;28;28;SE

TITLE NUMBER 981 319 853

LEGAL DESCRIPTION

FIRST

MERIDIAN 4 RANGE 19 TOWNSHIP 28

SECTION 28

THAT PORTION OF THE SOUTH WEST QUARTER

WHICH LIES TO THE EAST OF THE ROADWAY ON PLANS 4083BM AND 419EZ

TO THE WEST OF THE RAILWAY AND BLOCK 5 ON PLANS RW171

AND ROSEDALE 5781DR RESPECTIVELY

AND TO THE SOUTH OF THE EXTRA LAND ON SAID PLAN RW171

CONTAINING 4.98 HECTARES (12.3 ACRES) MORE OR LESS

EXCEPTING THEREOUT:

PLAN ROAD

NUMBER 8610513

HECTARE (MORE ORLESS) ACRE

0.079

EXCEPTING THEREOUT ALL MINES AND MINERALS

AND THE RIGHT TO WORK THE SAME

SECOND

MERIDIAN 4 RANGE 19 TOWNSHIP 28

THAT PORTION OF THE SOUTH EAST QUARTER

WHICH LIES TO THE EAST OF THE ROADWAY ON PLANS 4083BM AND 419EZ

TO THE WEST OF THE RAILWAY AND BLOCK 5 ON PLANS RW171

AND ROSEDALE 5781DR RESPECTIVELY

AND TO THE SOUTH OF THE EXTRA LAND ON SAID PLAN RW171

CONTAINING 8.13 HECTARES (20.09 ACRES) MORE OR LESS

EXCEPTING THEREOUT ALL MINES AND MINERALS

AND THE RIGHT TO WORK THE SAME

ESTATE: FEE SIMPLE

MUNICIPALITY: TOWN OF DRUMHELLER

REFERENCE NUMBER: 1601231

REGISTERED OWNER(S)

REGISTRATION DATE (DMY) DOCUMENT TYPE VALUE

CONSIDERATION

981 319 853 15/10/1998 TRANSFER OF LAND \$3,000

OWNERS

SANDRA J GRAHAM OF 7953 LOYOLA CRESCENT PRICE GEORGE BRITISH COLUMBIA V2N 3V3 AS TO AN UNDIVIDED 1/2 INTEREST

DOREEN M ANDERSON OF 17919-98A AVE EDMONTON ALBERTA T5T 3L3 AS TO AN UNDIVIDED 1/2 INTEREST

ENCUMBRANCES, LIENS & INTERESTS

REGISTRATION

NUMBER DATE (D/M/Y)

PARTICULARS

NO REGISTRATIONS

TOTAL INSTRUMENTS: 000

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CUSTOMER FILE NUMBER:



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