Professional Survey Project

Subdivision Survey

Submitted by

Robert Gordon King

Partial fulfillment of the articling process towards obtaining a commission as a Saskatchewan Land Surveyor.

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Background

The first subdivision that occurred in Western Canada was one of the greatest surveying feats ever accomplished. The goal of the first subdivision was to divide the vast 200 million acres of prairie into approximately 1.25 million quarter sections of land. To accomplish this large feat, a six mile square township system was developed. Today this vast subdivision, the Dominion Land Survey (DLS) System, makes up the foundation of all surveys performed today.

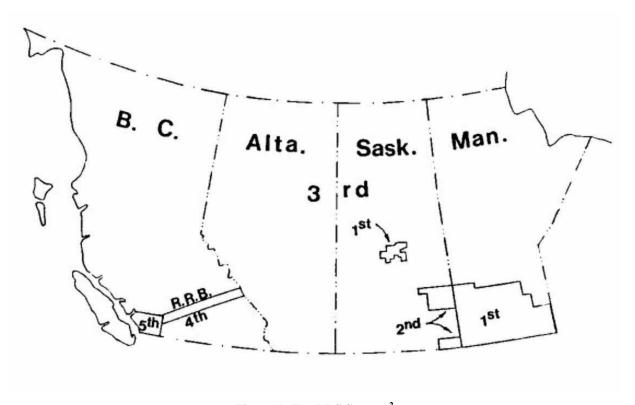


Figure 1: The DLS System.²

This DLS subdivision is identified as the primary subdivision by the *Land Surveys Act*. All subdivision surveyed within the primary subdivision are identified as secondary subdivisions and are regulated by the *Planning and Development Act*. The *Planning and Development Act* ensures that all approvals, regulations, bylaws, planning and zoning issues are dealt with prior to the subdividing of a parcel. The process of subdividing land is often a long and detailed process, but if properly planned; the value, use, and enjoyment of the land is greatly increased.

Introduction

This report outlines the entire process involved in surveying a subdivision in the Province of Saskatchewan. The process involves numerous aspects including the initial contact from the client, the contract, subdivision application and approvals, field work, plan preparation, final returns and invoicing.

To illustrate the process, a single lot subdivision surveyed by Donald R. Hanson, S.L.S. was chosen. The subdivision was located within the N.W. ¼ Section 33 Township 47 Range 24 West of the 3rd Meridian.

Initial Contact

The client contacted McElhanney Land Surveys Ltd. on April 28, 2003 by telephone. Initially the client inquired about the cost and timeline for surveying a single lot subdivision adjacent to the town of Waseca, Saskatchewan. The client indicated that the subdivision application had already been prepared, yet he required a proposed plan or sketch of the subdivision. Since all projects vary in complexity, the project manager, Donald Hanson, suggested that he would like to meet with the client to overview the project prior to providing any costs or timelines. Donald emphasized to the client that the more information he provided to the survey company, the more accurately a timeline and cost analysis could be performed.

On May 1, 2003, the first meeting between the client and Donald Hanson occurred. The client brought in a proposed drawing of the parcel and the building to be constructed. The subdivision was to consist of a single lot located in the North West corner of the section.

After reviewing the project with the client, Donald was able to provide the client with an approximate timeline and cost estimate for the survey and plan registration. The client accepted the information provided by Donald and a contract was formed between the client and McElhanney Land Surveys Ltd.

Contract and Cost Analysis

Although fees were discussed, no written contract was signed between the client and McElhanney Land Surveys Ltd. The contract in place was strictly a verbal contract with a small memo in the file indicating the meeting date and items discussed. Amongst the items noted was the approximate cost of the survey based on the scope of work provided by the client.

In determining an approximate cost for the survey, a cost analysis form was completed. This form ensures the project manager is aware of all the costs associated with the type of survey to be performed. By completing the required areas of the form, an approximate cost was produced based on the current chargeable rates of the company. Key points addressed in the cost analysis included:

- The location of the survey. This factor determines travel costs and room and board expenses. Also by performing a background search, the surveyor can determine if any recent survey activity has occurred in the area. If recent surveys have been prepared in the area, the primary statutory monuments should be easily found, hence decreasing the amount of survey time required for reestablishments.
- The complexity of the project. An accurate estimation of the survey duration and personnel hours can be predicted based on the subdivision size and shape, and number of lots.
- Variable costs. This includes expenses for materials, and survey and communication equipment. This is often a direct reflection of the number of field personnel hours required.
- Fixed costs. This includes fixed fees for information searches, plan registration, printing and delivery. These costs are often third party charges which must included in the final invoice.

The meeting with the client addressed most of these key points critical to an accurate cost analysis. Including the information provided by the client with a background search of the location, the cost analysis performed should reflect all of the charges incurred over the length of the project.

Subdivision Application

In Saskatchewan, the subdivision application (*Appendix A*)⁸ can be completed by the registered owner of the land, or an individual acting on behalf of the registered owner. As outlined in the *Subdivision Regulations*, the application to subdivide land must be accompanied by a proposed plan of the subdivision, a current copy of the title, and the required fees. Once an application package has been completed, the forms are sent in to the Community Planning Branch for the region. It is important to note that this is only the process for towns, villages, rural municipalities, and the cities of Humbolt, Melfort and Melville. All of the other cities have different application form which must be obtained from the city.

Prior to preparing the plan of the proposed subdivision, the client requested the proposed parcel and building corners be staked in the field. On May 14, 2003 the field crew performed the initial site visit. The field crew staked the proposed parcel boundaries and building corners and surveyed in the location of the existing approach and drainage course within the parcel. Upon visiting the site, the client was concerned as to the size of the lot and the setbacks of the building to the property boundaries. The client indicated to hold off preparing the proposed plan of subdivision as he was to approach the land owner for a larger parcel.

On May 16, 2003, the client contacted McElhanney Land Surveys Ltd. with the revised parcel dimensions and the proposed plan of survey was prepared (*Appendix B*). The complete subdivision application package was then submitted to the Community Planning Branch for approval.

On June 12, 2003, the Community Planning Branch responded to McElhanney Land Surveys Ltd. The letter (*Appendix C*) indicated that the subdivision application had been received and was currently under review by various offices as outlined in the Planning and Development Act, 1983. The letter indicated that these offices have forty days to respond to the subdivision and that until a decision has been issued, no building contracts for the land should be entered and no construction or site preparation started.

On July 9, 2003, McElhanney Land Surveys Ltd. received the *Certificate of Approval (Appendix D)* from the Community Planning Branch. McElhanney Land Surveys Ltd. could now proceed with surveying the subdivision and preparing a registered plan on behalf of the client.

Job Setup

For this project, all of the setup information required was found at Information Services Corporation (ISC) of Saskatchewan. ISC allows registered users access to the Land Registry and Geomatic Products and Services within Saskatchewan. The following information obtained from ISC was compiled prior to commencing the field survey:

- Registered Legal plans for the immediate area of the survey.
- Title to the affected quarter sections and/or parcels (*Appendix E*)
- Township Plan (4th Edition) (*Appendix F*)

Once the survey package was assembled, the field crew would have all of the information required to survey the subdivision successfully without altercations.

Field Work

To survey the subdivision, the field crew utilized a Real Time Kinematic (RTK) Global Positioning System (GPS). This allowed the survey evidence to be tied into the survey quickly and accurately without relying on line of sight traverses.

By reviewing the registered legal plans provided in the job setup package, the field crew quickly determined the statutory monuments required to define the boundaries of the subdivision parcel. The subdivision parcel was to be bound by two registered legal survey plans and a Metes and Bounds description:

- 1. Registered Plan 00B18065 (Appendix G) determined the North and South boundaries.
- 2. Registered Plan 65B04963 (Appendix H) determined the West and East boundaries.
- 3. Certificate of Title 99B10140, description 31 (*Appendix I*) determined the boundaries of a Metes and Bounds parcel to be omitted from the subdivision.

To define the North and South boundaries of the parcel, the field crew would require the statutory monuments R. 16 and R. 17, as shown on Registered Plan 00B18065. The R.16

In the course of the field survey all of the required statutory monuments were found except the N.E. 32, N. ¼ 33, 'R. XV' established by Registered Plan 65B04963, and 'R. XIV' and 'R. XVII' established by Registered Plan 00B18065. In order to properly define the boundaries of the new parcel, the position of each of these monuments required re-establishing. Using the found statutory iron posts established by Registered Plans 00B18065 and 65B04963, the approximate positions of the missing monuments were determined. In establishing the position of the monuments for the N.E. 32, N. ¼ 33, 'R. XV' and 'R. XIV', each of these positions lied within or adjacent to the paved highway. Since digging for trace of the monuments was not a viable option, these monuments were identified as 'lost monuments' by the field crew. The only missing monument which the field crew was able to dig for trace of the monument was 'R. XVII'. Unable to find any trace of the monument, the field crew was required to rely on the measurement as shown on the plan of survey to re-establish the lost monument.

With all of the required evidence tied into the survey, and the position of the lost monuments calculated as to their re-established positions, the parcel was surveyed. As required by Legislation, a statutory iron pin was marked "S057" and placed at each boundary deflection of the parcel. Since none of the statutory iron pins were placed adjacent to fence lines, no marker posts were placed in the course of the survey. As expected, the field survey was completed without any complications by the survey crew.

Upon completion of the field survey, the field crew returned to the office and submitted the original field notes (*Appendix J*) and a file containing the GPS observations of the survey data. Using Trimble Geomatics Office, a GPS software program, the GPS observations were post processed and a local coordinate file was generated (*Appendix K*). This file contained the Northing, Easting, Elevation, and Description of the survey data collected in the field. The data file along with the field notes were then submitted to the drafting department so a plan of survey could be prepared.

Plan Preparation and Returns

The only plan required from a subdivision survey is that of a plan of survey showing surface subdivision. The plan is prepared based on the guidelines set out in the *General Requirements* for the Preparation of Plans document. This document is intended to outline some of the rules and regulations required of the Land Survey Regulations. Once the plan of survey has been prepared by the drafting staff, the plan is then checked by the Saskatchewan Land Surveyor supervising the project. The Land Surveyor ensures the plan accurately reflects the field survey performed, and ensures all statutory monuments found and placed meet the current standards set forth in Legislation. Once the plan has been checked and all closures have been calculated, the plan is ready for registration with the Land Registry.

In Saskatchewan, the Land Registry is operated by Information Services Corporation (ISC) of Saskatchewan. ISC has set forth a procedure which must be followed in order to register a legal plan is Saskatchewan. The procedure involves a series of forms which must be filled out to create a registration packet. Each legal plan to be registered is identified by a unique bar code, which is displayed on the cover page of the packet. The completed packet (*Appendix L*) is then e-mailed to ISC for processing.

Once the plan has been reviewed by ISC and checked by a plan examiner, the packet is either returned to the surveyor with corrections or the surveyor receives a *Transform Approval Certificate* (*Appendix M*) This *Transform Approval Certificate* can then be used to surrender title to the source parcel and raise title to the new parcel. For this project, the *Transform Approval Certificate* and a copy of the registered legal plan (*Appendix N*) was forwarded to the clients' lawyer and the project was completed.

Conclusion

Overall the project encountered no complications from start to finish. The duration of the project was seven months from initial contact with the client to the final registration of the survey plan. The cost of the survey was seven percent higher than initially expected from the cost analysis. The main discrepancy in the cost estimate occurred in the client requesting the

prepared by the drafting staff, the plan was then checked by the Saskatchewan Land Surveyor supervising the project. The Land Surveyor ensured the plan accurately reflected the field survey performed, and that all statutory monuments found and placed met the current standards set forth in Legislation. Once the plan had been checked and all closures had been calculated, the plan was ready for submission to the Controller of Surveys Office for plan examination and approval.

In Saskatchewan, submitting a plan of survey to the Controller of Surveys is operated by Information Services Corporation (ISC) of Saskatchewan. ISC has set forth a procedure which must be followed in order to submit all legal survey plans for examination. The procedure involves a series of forms which must be filled out to create a packet. Each legal plan to be approved is identified by a unique bar code, which is displayed on the cover page of the packet. The completed packet (*Appendix L*) is then e-mailed to ISC for processing.

Once the plan has been reviewed by ISC and checked by a plan examiner, the plan image along with an examination memorandum is either returned to the surveyor for corrections, or the surveyor receives a *Transform Approval Certificate* (TAC) (*Appendix M*) along with the approved plan. This TAC provides the surveyor with both the source and target (new) parcel numbers which are utilized in the Land Registry submission. When a packet is submitted for Land Registry, the TAC identifies the parcel in which the title is to be surrendered, and the parcel(s) to which new title(s) are to be raised. Although the Land Registry submission is not always required to be completed by a lawyer, for this project, the TAC and a copy of the registered legal plan (*Appendix N*) were forwarded to the clients' lawyer and the project was completed.

Surrender and Transfer

Although McElhanney Land Surveys was not directly involved in the surrender and transfer of the new parcel, an example of the process has been included for reference and as a learning tool in the subdivision process of Saskatchewan. In order to assign title to the new parcels created, a two part process must be adhered to. The first step in the process is the *Application for Transfer (Part I: Surrender) (Appendix O)*. This application allows the owner of the original parcel, as shown on the certificate of title, to surrender the existing parcel of land to the new owners of the two new parcels created. For this subdivision, since the original owners of the quarter section was retaining the remaining portion of the quarter, their names were also included in the "TO" portion of the transform authorization. A *Transform Affidavit of Value* was also included in the package to indicate the "fair market value" of the two new parcels created. This allowed the Registrar of Titles to establish a value for the new titles to be issued.

The second step in the process is the *Application for Transfer (Part II: Setup) (Appendix P)*. These documents assign ownership to each of the new parcels indicated on the *Transform Approval Certificate* and as authorized by the *Application for Transfer*.

Conclusion

Overall the project encountered no complications from start to finish. The duration of the project was seven months from initial contact with the client to the final registration of the survey plan. The cost of the survey was seven percent higher than initially expected from the cost analysis. The main discrepancy in the cost estimate occurred in the client requesting the proposed lot and building corners to be staked. This field work was outside of the original scope of work for the project, and the client was made aware of the additional cost to be incurred prior to commencing the field work. Although the timeline on the project was longer than a typical single lot subdivision, the client was still pleased with the outcome of the project and has continued to rely on McElhanney Land Surveys Ltd. for additional surveys.

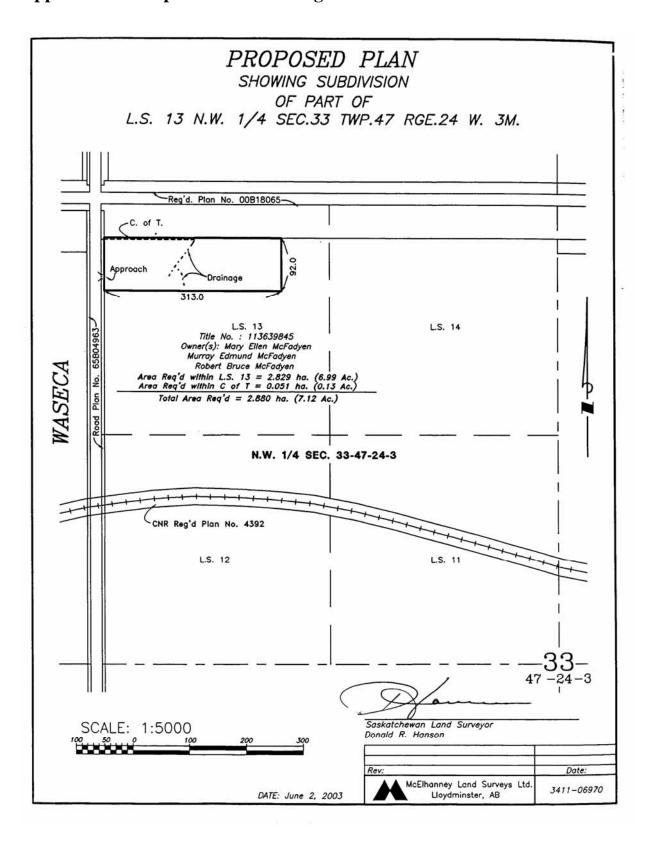
Appendix A – Subdivision Application

This application was included for reference only, the completed application was submitted by the client for this project and McElhanney Land Surveys Ltd. did not obtain a copy for the file.

FOR OFFICIAL USE **Application to Subdivide Land** Form A Date of receipt of completed Form A Under The Planning and Development Act, 1983 C. P. File No. Fees Submitted Intended subdivision is shown on Location of land to be subdivided: enclosed: Municipality (City, Town, Village, R.M., N.S.A.R.) Plan of proposed subdivision or; □ Sketch plan and / or; Twp. Rge. Mer. 1/4 Sec. ■ Written legal description. Block(s) Reg'd Plan No. Lot(s) Legal and Physical access from the subdivision is: Characteristics of land to be subdivided (These features should also be shown on the sketch plan) □ Urban (flat, rolling, steep) Road Allowance ☐ Highway (brush, sloughs, creeks, etc.) ☐ Grid Road Resource Road (sandy, loam, clay, etc.) Existing and Proposed use of land to be subdivided: a) Current land use of proposed lot(s): b) Intended use of each proposed lot: O existing a) Water supply is: b) Sewer disposal is: existing 0 O proposed proposed 0 Municipal □ Lake Municipal sewer Pit Privy Municipal well ☐ Other ☐ Septic system Other Private well ☐ Holding tank ☐ Not required ☐ Not required Utility services required: Please show all line locations on the sketch or plan. Relocation and / or a) Electrical power is: O Existing O Proposed extensions must be negotiated with the supplier. b) Telephone service is: O Existing O Proposed c) Natural Gas service is: O Existing O Proposed O not available O not required

5)	Not		ny othe	er age	ncy h	as alrea	dy been o	contacted, please	e attach a copy
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			Yes	s / No		If yes,	please st	tate distance	
	1.	Airport	0	0					
	2.	Intensive Livestock Operation		_					
	3.	Sewage Treatment Facility or	O	U					
		Sewage Lagoon	0	0					
	4.	Landfill for disposal of garbage	0	_					
		or refuse	0	0					
	5.	High Voltage Power Transmission	on						
		Lines	0	0					
	6.	High Pressure Gas Transmissio	n						
		Line, Oil Line, specify	0	0					
	7.	Industrial, Commercial Operation	n,			-			
		specify	0	0					
	8.	National, Provincial, Regional Pa	ark O	0					
	9.	Residential Lot(s)	0	0					
	10.	Stream or larger body of water	O	ŏ					
		Cemetery	Õ	ŏ					
		School Bus Route	O	ō					
		Urban Municipality	Ö	Õ		-			
	14.	Water Treatment Plant or		655.00		-			
		Resevoir	0	0					
	15.	Other, specify	0	0					
A									
1	Α.	Name of registered owner of lan	id to be	:	В.	Land:	surveyor /	Planner / Lawye	er / Agent
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1 ~		Name:				Name	ia -	Fil	e:
		Address:			_	Addre	SS:		
		SK	2				2	SK	
		Telephone:	Posta	I Code	ē	Telep	hone:		Postal Code
	C.	Registered owner or person acti	ng on t	he ow	ner's l	oehalf:			
		1.		, h	егеbу	certify			
		(Full name in block capitals)							
		that I am the registered owner	of the la	and pro	posed	for subc	division.		
		am authorized to act on I							
		 within the application are true, and knowing that it 							
		Canada Evidence Act.					ao ii mac	3ss. saar, and	., 0 0 110
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Appendix B – Proposed Plan Showing Subdivision



Appendix C – Community Planning Branch Letter

Saskatchewan



Government Relations and Aboriginal Affairs

Municipal Relations Division

Community Planning Branch 122 3rd Avenue North SASKATOON SK S7K 2H6 Phone: (306) 933-6920 Fax: (306) 933-7720

File: R178 - 03S

June 10, 2003

RECEIVED

JUN 1 2 2003

Donald Hanson, S.L.S. McElhanney Land Surveys Ltd. #116, 5704 – 44 Street LLOYDMINSTER SK T9V 2A1

Dear Mr. Hanson,

Re: RM of Eldon No. 471

NW 1/4 Section 33-47-24-W3M

Proposed Site - Trucking Shop and Office

Your subdivision application was received on June 5, 2003. The Planning and Development Act, 1983 (the Act), requires us to send a copy of the application for comments to the offices listed below. They have forty days to reply to us. Some offices may contact you for more information.

Our total fees are \$250.00: \$150.00 (non-refundable) for reviewing an application plus \$100.00 for each new title shown on the plan. We acknowledge receipt of cheque number 060293 for this amount.

Until a decision is issued no building contracts for the land should be entered and no construction or site preparation started. Sales agreements for the land being subdivided should be conditional upon the subdivision application being approved.

Yours truly,

Twyla Carter

Planning Consultant

Thryla Carts

Referral List:

SaskPower Land 5NE, 2025 Victoria Av, REGINA SK S4P 0S1

- D. McNaughton, SkEnergy/TransGas, 700 1777 Victoria Avenue, REGINA S4P 4K5
- B. Schmidt, Lands & Easements, SaskTel, 140 1st Av N, SASKATOON S7K 5T6
- F. Skilnick, Highways Central Reg, 15 Innovation Blvd. SASKATOON SK S7N 2X8

cc: Bexson Construction Ltd., 3705-51 Avenue, LLOYDMINSTER AB T9V 2C3 C. Sylvestre, Administrator, R.M. of Eldon No. 471, Box 130, MAIDSTONE SK S0M 1M0

Appendix D - Certificate of Approval



Government Relations and Aboriginal Affairs Municipal Relations Division

Community Planning Branch 122 3rd Avenue North SASKATOON SK S7K 2H6 Phone: (306) 933-5729 Fax: (306) 933-7720

Saskatchewan



Notice of Decision
CERTIFICATE OF APPROVAL

Under The Planning and Development Act, 1983

Number: R178-03S Date: July 4, 2003

Donald Hanson, S.L.S. McElhanney Land Surveys Ltd. #116, 5704-44th Street LLOYDMINSTER SK T9V 2A1

Re: Rural Municipality of Eldon No. 471

NW 1/4 Section 33-47-24-W3M

Proposed Site - Petroleum Related Commercial

Under Sections 140(2) and 141 of *The Planning and Development Act, 1983* (the Act), the proposed subdivision shown on the attached plan is hereby **APPROVED.**

Municipal Reserve

Under Section 190(a) of the Act, this proposal is exempt from providing municipal reserve land since it is the first lot subdivided from the quarter section.

Legal

This Certificate is subject to the following legal limitations and qualifications:

- a) It does not establish the method of registration prescribed under The Land Titles Act, 2000, but it must be included when a plan is submitted to the Controller of Surveys for examination.
- b) It is valid for 24 months from the date of issue. If requested before the expiry date, it may be re-issued for a fee of \$25.00. After the expiry date, such a request must be considered a new application subject to the full examination fees.
- c) It does not eliminate the need to comply with the requirements of any other government department or authority, or with the municipality's building, zoning or other bylaws.

. . . 2

Donald Hanson, S.L.S. Certificate of Approval R178-03S Page 2 July 4, 2003

General Comments

Anyone planning new construction or excavations must contact each utility company for service connections and line locations before starting work.

Saskatchewan Highways and Transportation has advised that any permanent development within 90 metres of the highway requires a permit. Minimum setback from the highway centreline is 80 metres for homes and 55 metres for trees, shrubs and commercial development. No new access to Highway No. 16 will be permitted. Access to the proposed subdivision shall be via the north/south municipal road adjacent to the proposed subdivision. No development within a triangle formed by measuring the following distances from the intersection of the roadway centrelines and joining the points so obtained: 290 meters (951 feet) along the highway centreline; 80 meters (263 feet) along the centreline of the intersecting grid road. See attached map for details.

Fees

Our fees are \$150 for reviewing an application (nonrefundable) plus \$100 for each lot or parcel approved based on the number of new titles to be created. On this proposal, our fees total \$250.00. We acknowledge receipt of cheque no. 60293 as payment in full.

Trent Good Director of

Community Planning

Wentlord

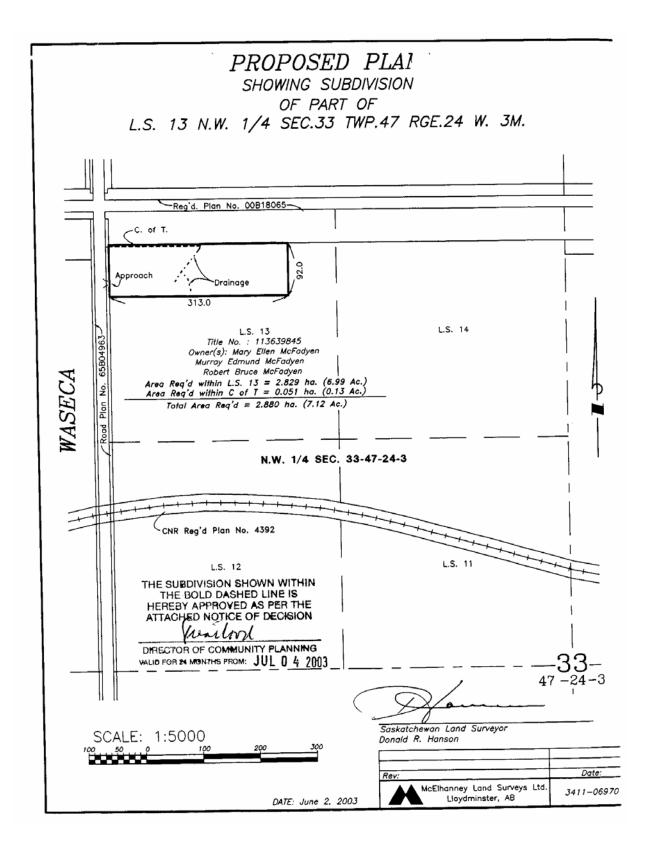
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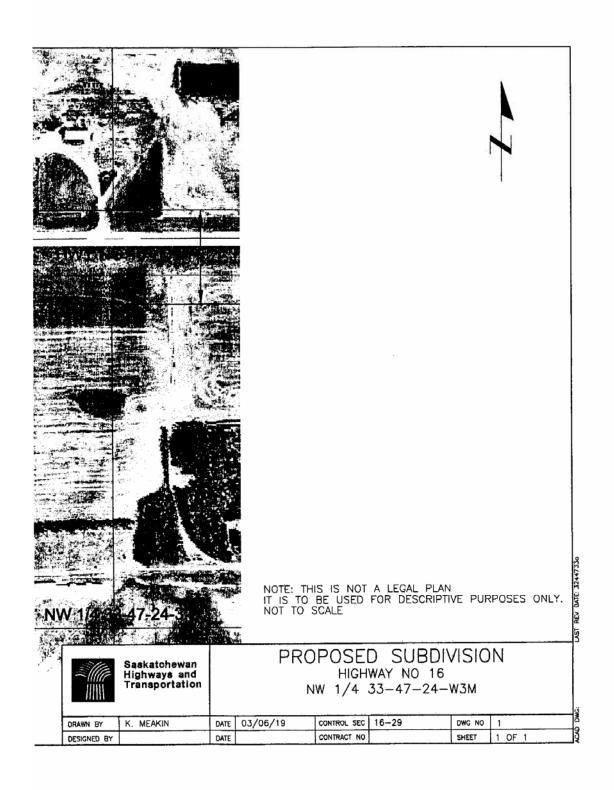
SaskPower Land 5NE, 2025 Victoria Av, REGINA SK S4P 0S1 19452 03-6060
D. McNaughton, SkEnergy/TransGas, 700 1777 Victoria Avenue, REGINA S4P 4K5
B. Schmidt, Lands & Easements, SaskTel, 140 1st Av N, SASKATOON SK 57K 5T6
REGINA SK S4P 3V7

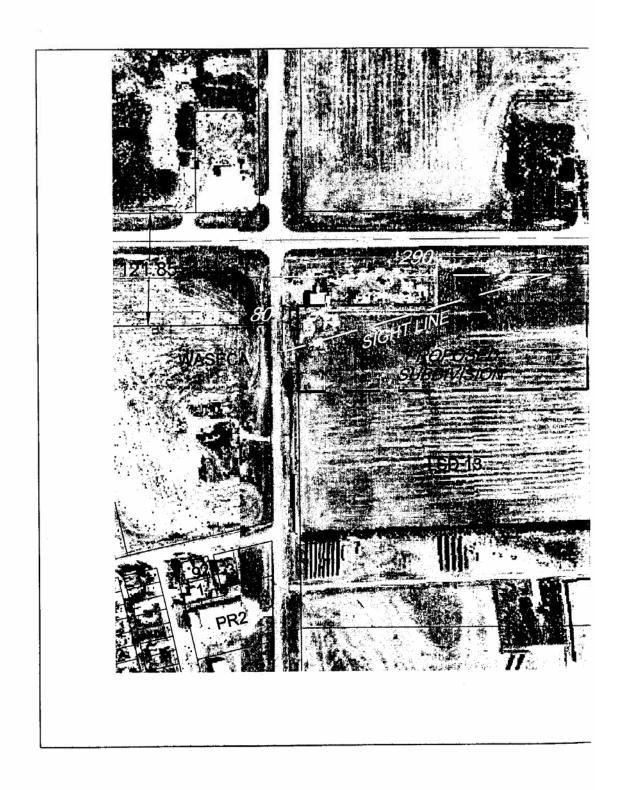
F. Skilnick, Highways Central Rgn, 15 Innovation Blvd., SASKATOON SK S7N 2X8 4711

C. Sylvestre, Administrator, R.M. of Eldon No. 471, Box 130, MAIDSTONE SK S0M 1M0

Bexson Construction Ltd., 3705-51 Avenue, LLOYDMINSTER AB T9V 2C3







Appendix E – Certificate of Title – L.S. 13

Title Detail Page 1 of 2



Quick Search Results

Search By: Current Title Details

As Of Date = 29-May-2003 09:58:57 Title Number = 113639845 With Criteria:

Province of Saskatchewan Land Titles Registry Title

Title #: 113639845 As of: 29-May-2003 09:58:57 Status: Active Last Amendment Date: 16-Sep-2002 Parcel Type: Surface Issued: 16-Sep-2002 21:05:55

Parcel Value: N/A

Title Value: N/A Municipality: UNKNOWN

Converted Title: 95B12145

Robert Bruce McFadyen , Mary Ellen McFadyen and Murray Edmund McFadyen are the registered owners, as joint tenants, of Surface Parcel #146040421

Reference Land Description: LSD 13-Sec 33 Twp 47 Rge 24 W3 Extension 34 As described on Certificate of Title 95B12145, description 34.

This title is subject to any registered interests set out below and the exceptions, reservations and interests mentioned in section 14 of *The Land Titles Act, 2000*.

Registered Interests:

Interest #: 112939410

CNV Caveat

Value:

Reg'd: 13-Jan-1994 00:00:49

Expiry Date: N/A

Holder:

SASKATCHEWAN POWER CORPORATION 2025 VICTORIA AVE REGINA, Saskatchewan, Canada S4P 0S1 Client #: 100008829

Int. Register #: 105084200

Converted Instrument #: 94B00487

Addresses for Service:

Name Address Owner:

Robert Bruce McFadyen

Client #: 108720716 Owner:

Mary Ellen McFadyen

Box 28 Waseca, Saskatchewan, Canada S0M 3A0

Client #: 108720727

Box 28 Waseca, Saskatchewan, Canada SOM 3A0

Owner:

Murray Edmund McFadyen Client #: 108720738

Box 28 Waseca, Saskatchewan, Canada S0M 3A0

Parcel Class Code: Unknown

http://www.isc-online.ca/Tps/scripts/TPSRtvStdTtlDtl-ByTtl.asp?ttlSysKeyId=113639845... 5/29/2003



CERTIFICATE OF TITLE

M.C	No. 95B12145	
Value \$		
Grant No	Ref84B08568	
THIS IS TO CERTIFY that	ROBERT BRUCE McFADYEN, MARY ELLEN McFADYEN, MURRAY EDMUND McFADYEN	

are now the owner s of an estate in fee simple as joint tenants

of and in

Legal Subdivision 13 of Section 33

Township 47

Range 24

West of the Third Meridian, Saskatchewan

Except: Firstly All that portion described as follows: Commencing at the North West corner of the Quarter Section; thence Easterly along the Northern Boundary of the Quarter Section 525 feet; thence Southerly parallel with the Western Boundary of the Quarter Section 210 feet; thence Westerly parallel with the Northern Boundary to the Western Boundary; thence Northerly along the Western Boundary to the point of commencement.

Secondly: All that portion for Roadway on Plan 65B04963

Thirdly: - All that portion for Readway on Plan 79810153 - cancelled by 00B18040 24 Nov 00

MINES AND MINERALS EXCEPTED BY D 750 and BU 2843

M&B Plan Ex

SUBJECT TO THE ENCUMBRANCES, LIENS AND INTERESTS NOTIFIED BY MEMORANDUM NOW OR HEREAFTER UNDERWRITTEN OR ENDORSED HEREON, OR WHICH ATTACH BY IMPLICATION UNDER THE LAND TITLES ACT. ANY REFERENCE TO AREA IS "MORE OR LESS".

IN WITNESS WHEREOF I have hereunto subscribed my name and affixed my official seal this

28 day of August A.D. 19 95

Post Office Address Box 28

Waseca, Sask.

SOM 3A0

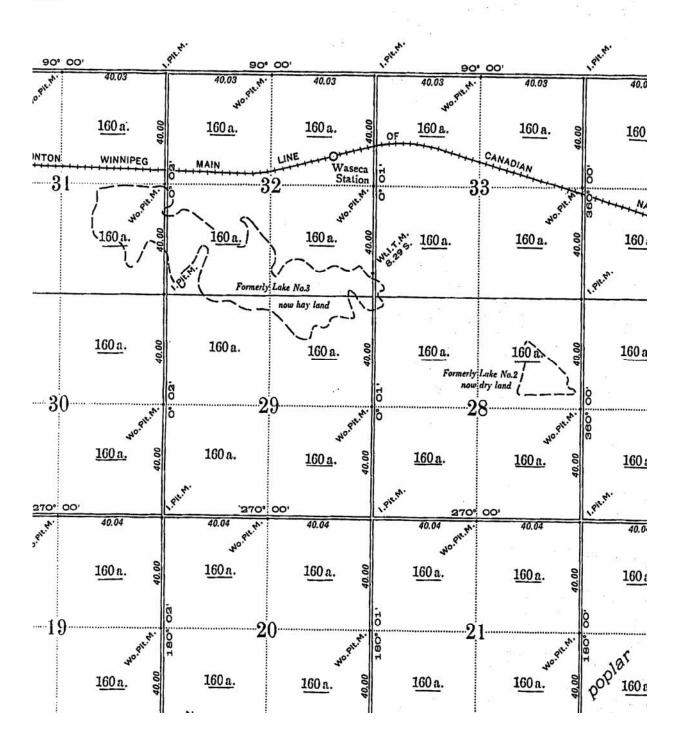
Battleford Land Registration District phange in his Post Office Address.*

Province of Saskatchewan

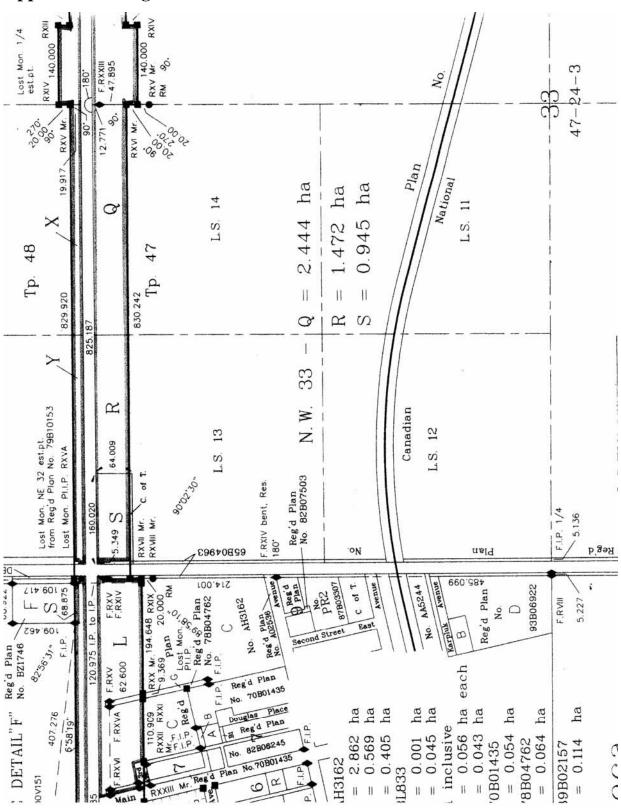
21

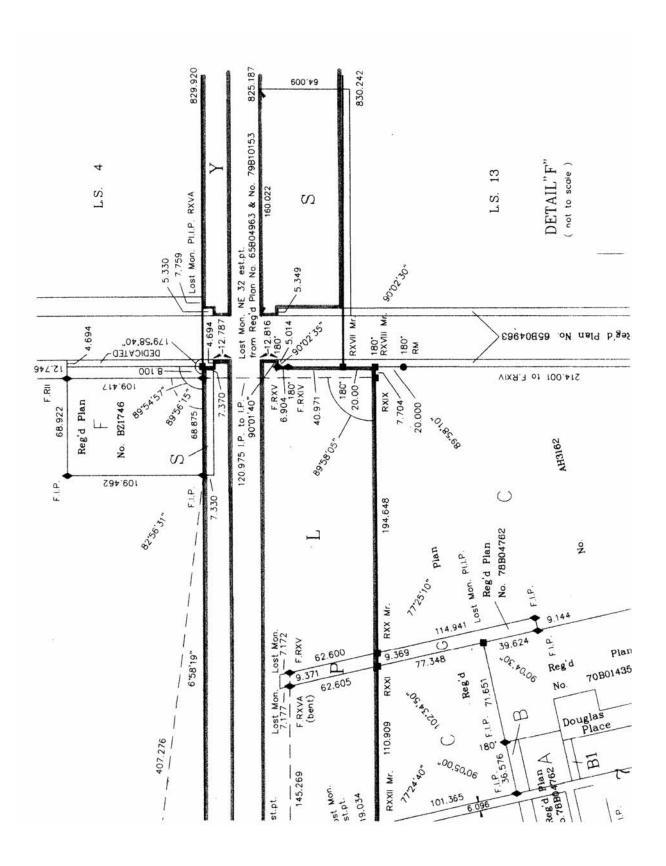
of Township 47, Range 24, V

TION

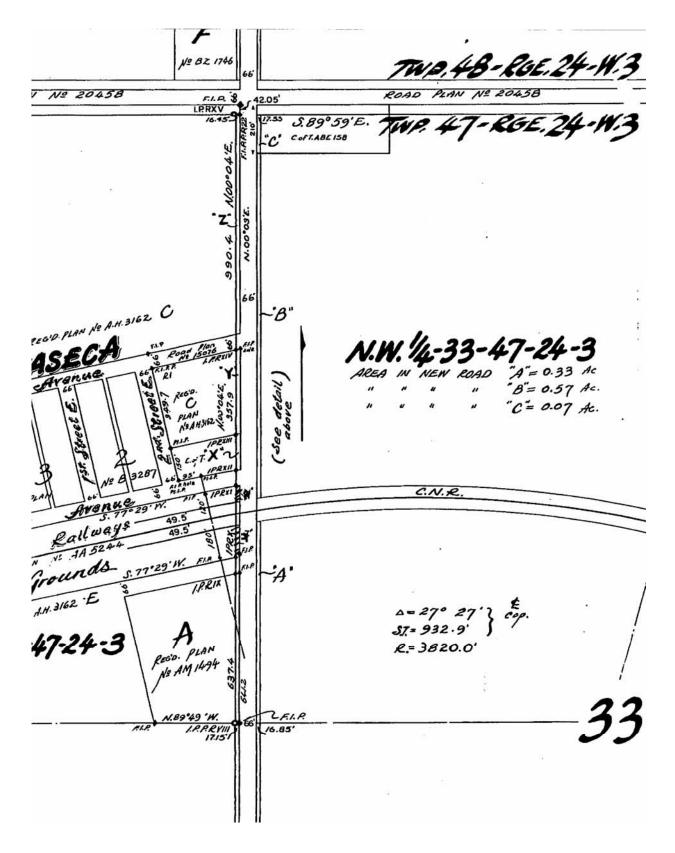


Appendix G - Registered Plan 00B18065

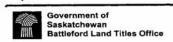




Appendix H – Registered Plan 65B04963



Appendix I – Certificate of Title 99B10140, Description 31



CERTIFICATE OF TITLE



M.C.

Value \$

Grant No. B 1857

Ref. 82B13594

THIS IS TO CERTIFY that

HER MAJESTY THE QUEEN (SASKATCHEWAN)

is now the owner of an estate in fee simple

All that portion of the North West Quarter of Section 33

Township 47

Range 24

West of the Third Meridian, Saskatchewan

described as follows: Commencing at the North West corner of the quarter section; thence Easterly

along the Northern boundary of the quarter section 525 feet; thence Southerly parallel with the

Western boundary of the quarter section 210 feet; thence Westerly parallel with the Northern

boundary to the Western boundary; thence Northerly along the Western boundary to the point of

Except: Firstly: 0.07 of an acre, for Roadway on Plan 65B04963

✓ Secondly: 0.315 of a hectare, for Readway on Plan 79B10153 - cancelled by 00B18039 24 Nov 00 ✓ Pkc

MINES AND MINERALS EXCEPTED BY D 750, BU 2843 and 75B10172



SUBJECT TO THE ENCUMBRANCES, LIENS, AND INTERESTS NOTIFIED BY MEMORANDUM NOW OR HEREAFTER UNDERWRITTEN OR ENDORSED HEREON, OR WHICH ATTACH BY IMPLICATION PURSUANT TO THE LAND TITLES ACT. ANY REFERENCE TO AREA IS "MORE OR LESS".

IN WITNESS WHEREOF I have hereunto subscribed my name and affixed my official seal this 30 day of June, 1999

Post Office Address c/o Dept. of Highways and Transportation Property Services Branch 10th Floor, 1855 Victoria Avenue REGINA SK S4P 3V5

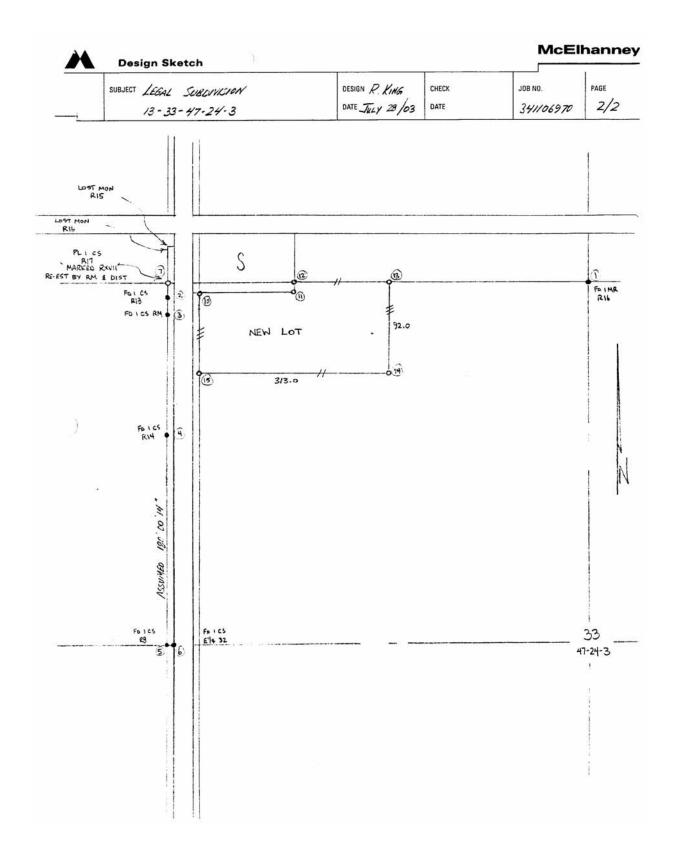
NOTICE: The Land Titles Act requires that "every owner or mortgages shall notify the Registrar of any change in his Post office Address."

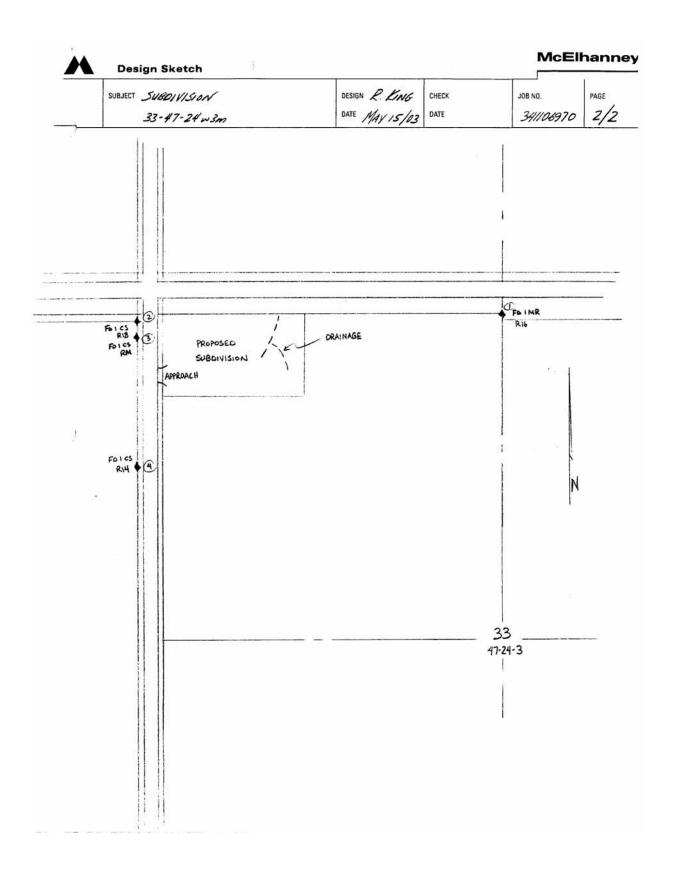
Battleford Land Registration District

Appendix J - Field Notes

M	MCELHANNEY LAND SURVEYS PROFESSIONAL LAND SURVEYORS						
/IcElhanne	EDMONTON, ALBERTA PH: (780) 451-3420 FAX: (780) 452-7033	CALGARY, ALTA. PH: (403) 245-4711 FAX: (403) 229-9160					
JOB NO.:	34//06970						
DATE COMME	NCED: _JULY 28	2003					
DATE COMPL	ETED: July 28,	2003					
The state of the s	33-47-24-3						
SURVEY TYP	E:SURDIVISION	/					
CLIENT:	FRED NORTH						
CLIENT REP.:							
	R KING						
ASSISTANT:	N. MORGAN						
INSTRUMEN	TATION:	10					
P.P.M. SETTI	NG						
DATE OF CAL	IBRATION:						
SPECIAL EQ	UIP:						
WEATHER: _							
W/S COORD	INATES:						
W/S, A/R SI	ZE:						
SYMBOLS U	SED ARE IN ACCORDAN	ICE WITH THE RACTICE.					

PAGE 1 OF_





Appendix K – GPS Data File

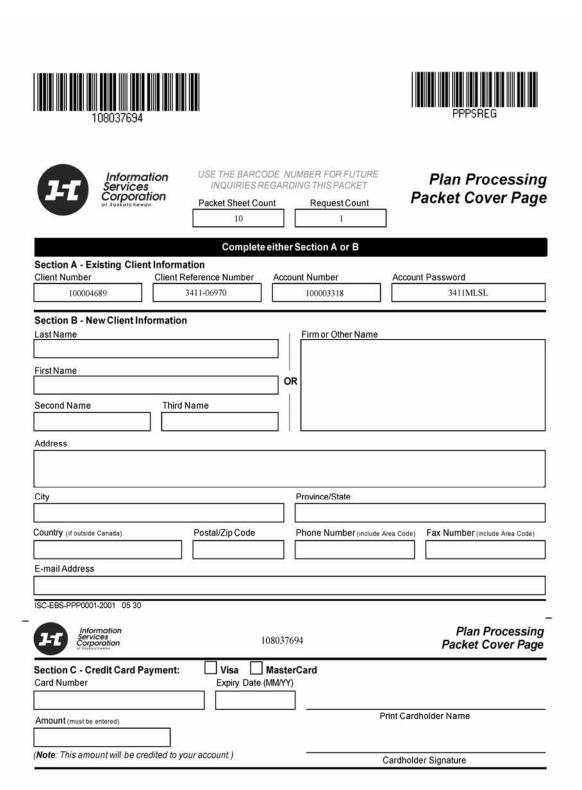
Points Page 1 of 2 **Points** Project: 6970 2:27:22 PM User name Richard Date & Time 10/20/2003 Projection from data Zone from data Coordinate System Zone collector collector **Project Datum** (WGS 84) Geoid Model Not selected **Vertical Datum** None Coordinate Units Meters **Distance Units** Meters **Height Units** Meters Point listing Northing Easting Elevation Feature Code 5000.000 5000.000 620.000 FDIMR-RXVI 4979.491 4169.765 FDIMR-RXVIII 620.263 FDICS-RM 4959.497 4169.732 620.472 4745.479 4169.716 617.813 FDICS-RXIV 4260.409 4169.685 618.113 FD-I-CS-R8-32-47-24 6 4260.417 4174.897 618.229FD-I-CS-E1/4-32-47-24 621.399LOST-MON-PL-I-CS-R17-32-47-24 4999.496 4169.736 10 4996.197 4200.213 620.621 NE-COR-SUBD 620.126 N-COR-SUBD 11 4996.286 4354.897 620.525 N-COR-SUBD 12 4999.606 4354.899 NE-COR-SUBD 13 4999.705 4513.214 620.512 14 4907.707 4513.206 620.318 SE-COR-SUBD 15 4907.516 4200.206 619.932 SW-COR-SUBD 4210.894 620.895 BASE 100 4881.463 4999.491 CALC 200 4169.769 620.263 4200.249 620.263 CALC 201 4999.510 202 4999.645 4421.542 620.263 CALC 203 4908.205 4421.523 620.263 CALC 204 4908.070 4200.230 620.263 CALC 205 4908.098 4245.950 620.263 CALC 620.263 CALC 4938.578 4245.957 206 207 4969.058 4245.963 620.263 CALC 620.263 CALC 208 4969.049 4288.633 620.263 CALC 4288.626 209 4938.569 CALC 620.263 210 4969.044 4311.493 211 4938.564 4311.486 620.263 CALC 220 4999.497 4169.734 620.472 CALC CALC 221 5040.468 4169.737 620.472 CALC 4169.738 620.472 222 5047.372 CALC 223 5047.375 4174.752 620.472 224 5060.191 4174.749 620.472 CALC 225 5060.666 4999.963 620.000 CALC 620.472 CALC 230 5060.195 4194.866 CALC 240 5060,203 4194.866 650.000 241 5060.295 4354.886 650.000 CALC 242 4996.287 4354.898 650.000 CALC 650.000 CALC 243 4996.195 4194.878 file://G:\Jobs\6500\6970\gps\6970\Reports\Additional\Report.html 10/20/2003

Points						Page 2 of 2
	250	5047.393	4200.218	620.472	CALC	
	251	4260.452	4200.150	620.229	CALC	
	255	4996.388	4513.213	650.000	CALC	
	260	4996.198	4200.213	650.000	CALC	
	261	4999.609	4354.897	650.000	CALC	
	262	4999.705	4513.211	650.000	CALC	
	263	4907.705	4513.203	650.000	CALC	
	264	4907.515	4200.206	650.000	CALC	
	1000	4945.082	4189.175	621.566	APPROACH	
	1001	4941.321	4193.583	620.973	APPROACH	
	1002	4941.117	4199.870	620.458	APPROACH	
	1003	4933.235	4200.299	620.338	APPROACH	
	1004	4933.051	4194.360	621.008	APPROACH	
	1005	4929.140	4189.593	621.370	APPROACH	
	1006	4932.096	4197.766	620.505	CULVERT	
	1007	4941.986	4197.734	620.611	CULVERT	
	1008	4923.391	4341.678	619.757	SWAIL	
	1009	4943.342	4337.513	619.791	SWAIL	
	1010	4939.387	4315.007	620.268	SWAIL	
	1011	4956.098	4325.618	619.834	SWAIL	
	1012	4971.012	4337.914	620.000	SWAIL	
	1013	4992.840	4355.007	620.082	SWAIL	
	1014	4999.570	4359.376	620.273	SWAIL	

Back to top

10/20/2003

Appendix L - Plan Processing Packet





F54 Serv	ormation INC			Plan Pr	ocessing Request
Plan Information		Previous/Refe		Previous Reque	est Number
Total Plans Submitted 1	Total Support Documen	tsSubmitted Number (if appli	cable)	(if applicable)	
SLS Commission C Number	Prepared By: Last Name		First Name		12
248					
	Second Name	Ţ	Third Name		Ĩ
AttachmentFile Names	Address				
10-6970 Fred Nor	City	Province/State		Country (if outside	Canada)
	Postal/Zip Code	Phone Number (include Area Code)		
Request Type Examination	Resubmission	Examination Type Plan	der Support	Document	Resurrection
Additional Distributi	on List (if applicable)			Delivery Method	Medium
Client Number	Name	Address	Send Send Plan Certificate	Mail E-mail E-Fax	CD-ROM Hard Copy
E	-mail Address		1	Fax Number	
	·				
E	-mail Address	<u> </u>		Fax Number	
	•			•	
E	E-mail Address	1	1 1	Fax Number	

ISC-PPS-PLN0001-2004 07 19





Begin Attachment Sheet

Instructions

Use the Begin Attachment Sheet to separate the bar-coded application/request sheets from documentation you would like to submit to support your request.

Use the Begin Attachment Sheet for submissions in both paper format and electronic format (e-mail, e-fax, CD-ROM).

Do not use this Begin Attachment Sheet to separate Application/Request Sheets that do not have supporting documentation.

Example 1:

When submitting a Plan Processing Packet Cover Page with a Plan Processing Request Sheet and a Plan on paper with additional supporting documentation add this Begin Attachment Sheet between the Request Sheet and the Plan. This indicates the end of the request and the beginning of the plan that you have attached. The order for submitting this package would be the Packet Cover Page first, the Request Sheet, the Begin Attachment Sheet, followed by the Plan and other supporting documentation.

Example 2:

When submitting a Land Registry Packet Cover Page, with a Land Registry Application Sheet and a mortgage for example on paper add this Begin Attachment Sheet between the Application Sheet and the mortgage. This indicates the end of the request and the beginning of the mortgage. The order for submitting this package would be the Packet Cover Page first, the Application Sheet, then the Begin Attachment Sheet followed by the mortgage.

ISC-EBS-BAS0001-2002 05 22

SURVEYORS CERTIFICATE

PLAN OF SURVEY SHOWING

SURFACE SUBDIVISION of part of L.S. 13, SEC. 33, Twp. 47 – Rge. 24 – W.3 M. SASKATCHEWAN

BY: DONALD R. HANSON, S.L.S.

June 2003

SCALE: 1:2000

I, <u>Donald R. Hanson</u>, Saskatchewan Land Surveyor do hereby certify that the survey represented by this plan has been made by me in accordance with the provisions of the Land Survey Act, that this survey was performed on July 28 A.D. 2003, and that this plan is correct and true to the best of my knowledge and belief.

Dated at Lloydminster in the Province of Saskatchewan

This 30 day of OCTOBER A.D. 200 3.

Saskatchewan Land Surveyor

MCELHANNEY LAND SURVEYS LTD.

FILE NO. 3411-06970

G:/surveyors certificates/sask certificate.doc





Government Relations and Aboriginal Affairs Municipal Relations Division

Community Planning Branch 122 3rd Avenue North SASKATOON SK S7K 2H6 Phone: (306) 933-5729 Fax: (306) 933-7720

10 0 0 3003 BECEINED **Notice of Decision**

CERTIFICATE OF APPROVAL

Under The Planning and Development Act, 1983

Number: R178-03S Date: July 4, 2003

Donald Hanson, S.L.S. McElhanney Land Surveys Ltd. #116, 5704-44th Street LLOYDMINSTER SK T9V 2A1

Re: Rural Municipality of Eldon No. 471 NW ¼ Section 33-47-24-W3M Proposed Site – Petroleum Related Commercial

Under Sections 140(2) and 141 of *The Planning and Development Act, 1983* (the Act), the proposed subdivision shown on the attached plan is hereby **APPROVED.**

Municipal Reserve

Under Section 190(a) of the Act, this proposal is exempt from providing municipal reserve land since it is the first lot subdivided from the quarter section.

Legal

This Certificate is subject to the following legal limitations and qualifications:

- a) It does not establish the method of registration prescribed under *The Land Titles Act, 2000*, but it must be included when a plan is submitted to the Controller of Surveys for examination.
- b) It is valid for 24 months from the date of issue. If requested before the expiry date, it may be re-issued for a fee of \$25.00. After the expiry date, such a request must be considered a new application subject to the full examination fees.
- c) It does not eliminate the need to comply with the requirements of any other government department or authority, or with the municipality's building, zoning or other bylaws.

. . . 2

Acid Fee Paper

Donald Hanson, S.L.S. Certificate of Approval R178-03S Page 2 July 4, 2003

General Comments

Anyone planning new construction or excavations must contact each utility company for service connections and line locations before starting work.

Saskatchewan Highways and Transportation has advised that any permanent development within 90 metres of the highway requires a permit. Minimum setback from the highway centreline is 80 metres for homes and 55 metres for trees, shrubs and commercial development. No new access to Highway No. 16 will be permitted. Access to the proposed subdivision shall be via the north/south municipal road adjacent to the proposed subdivision. No development within a triangle formed by measuring the following distances from the intersection of the roadway centrelines and joining the points so obtained: 290 meters (951 feet) along the highway centreline; 80 meters (263 feet) along the centreline of the intersecting grid road. See attached map for details.

Fees

Our fees are \$150 for reviewing an application (nonrefundable) plus \$100 for each lot or parcel approved based on the number of new titles to be created. On this proposal, our fees total \$250.00. We acknowledge receipt of cheque no. 60293 as payment in full.

Trent Good Director of

Community Planning

Gentlord

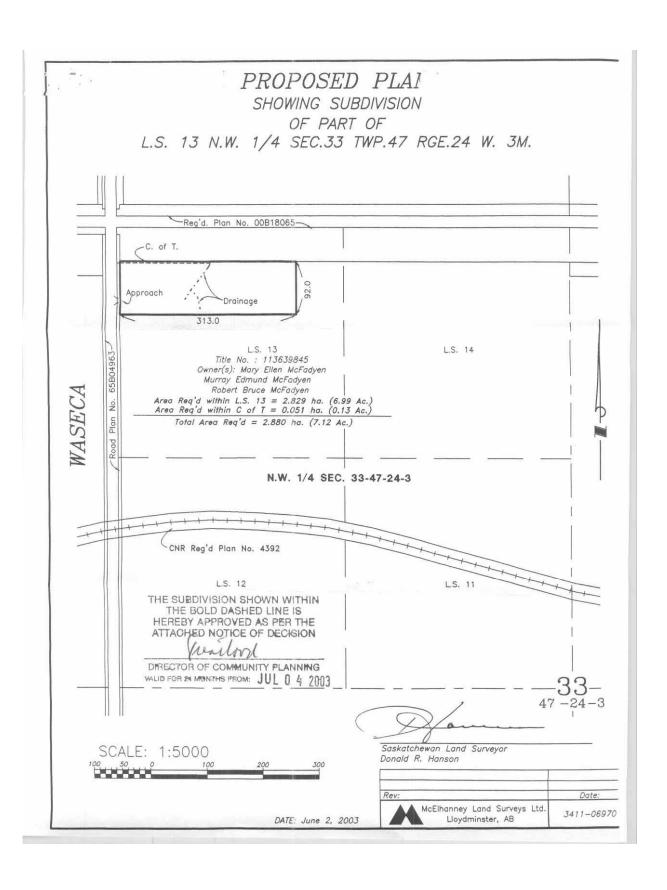
cc:

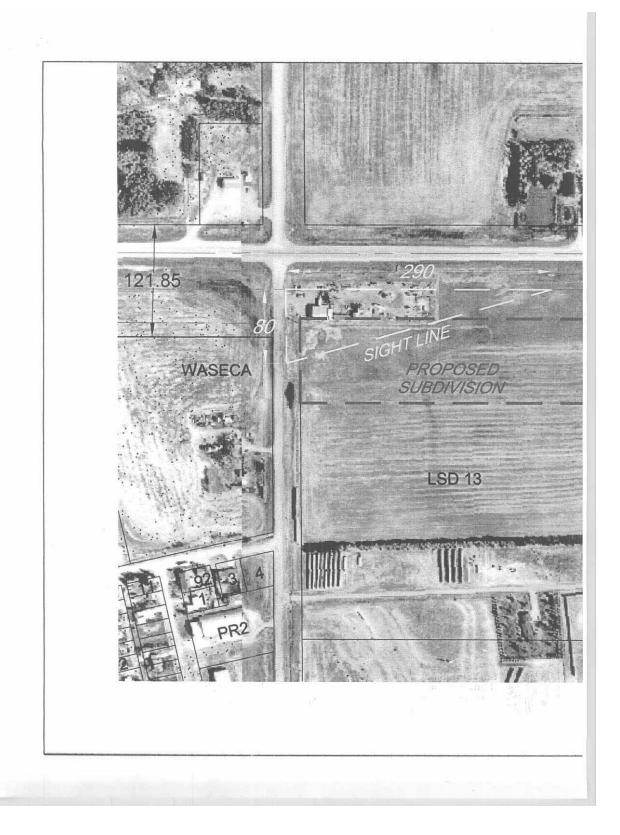
SaskPower Land 5NE, 2025 Victoria Av, REGINA SK S4P 0S1 19452 03-6060 D. McNaughton, SkEnergy/TransGas, 700 1777 Victoria Avenue, REGINA S4P 4K5 B. Schmidt, Lands & Easements, SaskTel, 140 1st Av N, SASKATOON SK S7K 5T6 REGINA SK S4P 3V7

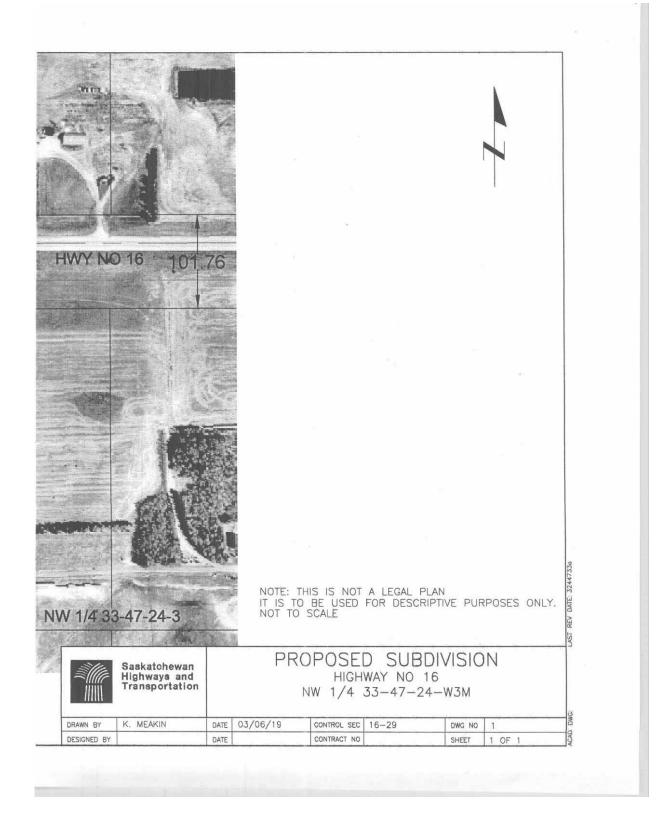
F. Skilnick, Highways Central Rgn, 15 Innovation Blvd., SASKATOON SK S7N 2X8 4711

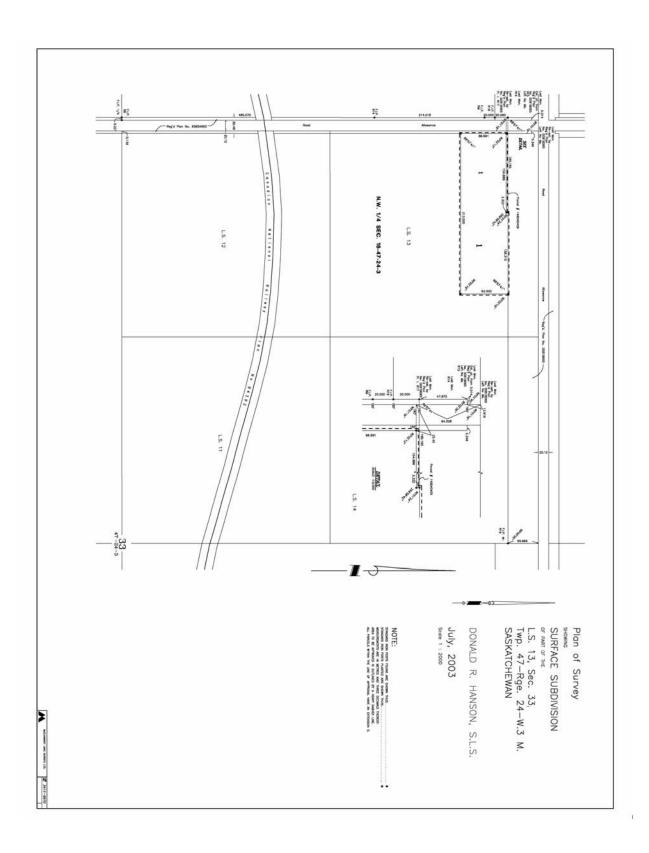
C. Sylvestre, Administrator, R.M. of Eldon No. 471, Box 130, MAIDSTONE SK S0M 1M0

Bexson Construction Ltd., 3705-51 Avenue, LLOYDMINSTER AB T9V 2C3









Appendix M – Transform Approval Certificate



Plan Processing 2nd Floor, 10 Research Drive Regina SK S4P 3V7

Toll Free: 1-866-275-4721 Fax: (306) 787-1451 E-mail: ask@isc-online.ca Website: www.isc-online.ca

Transform Approval Certificate

Transform Number: Client Reference Number: 3411-06970 Request Number: 105430936 100068713

Parcel (Generic)	Class Code		Approval Date:
153239609 153239610	Parcel Number	New Parcel(s)	November 25, 2003
LSD 13 33-47-24-3 Ext 35 Lot 1-Blk/Par 1-Plan 101831532 Ext 0	Parcel Number Legal Land Descr	· · · · · · · · · · · · · · · · · · ·	5, 2003
Parcel (Generic) Parcel (Generic)	Class Code		

Plan Number(s) 101831532

Plan Purpose(s) Subdivision

Source Parcel(s)

Parcel Number Legal Land Descr

146040421

LSD 13 33-47-24-3 Ext 34

101834545.102673745.1.2

Note: New parcel information bold and underlined indicates parcels previously shown. Title Setup is not required for these parcels.

Appendix N – Registered Plan 101831532 – Final Returns

Appendix O – Application for Transfer (Part I: Surrender)

Appendix P – Application for Transfer (Part II: Setup)

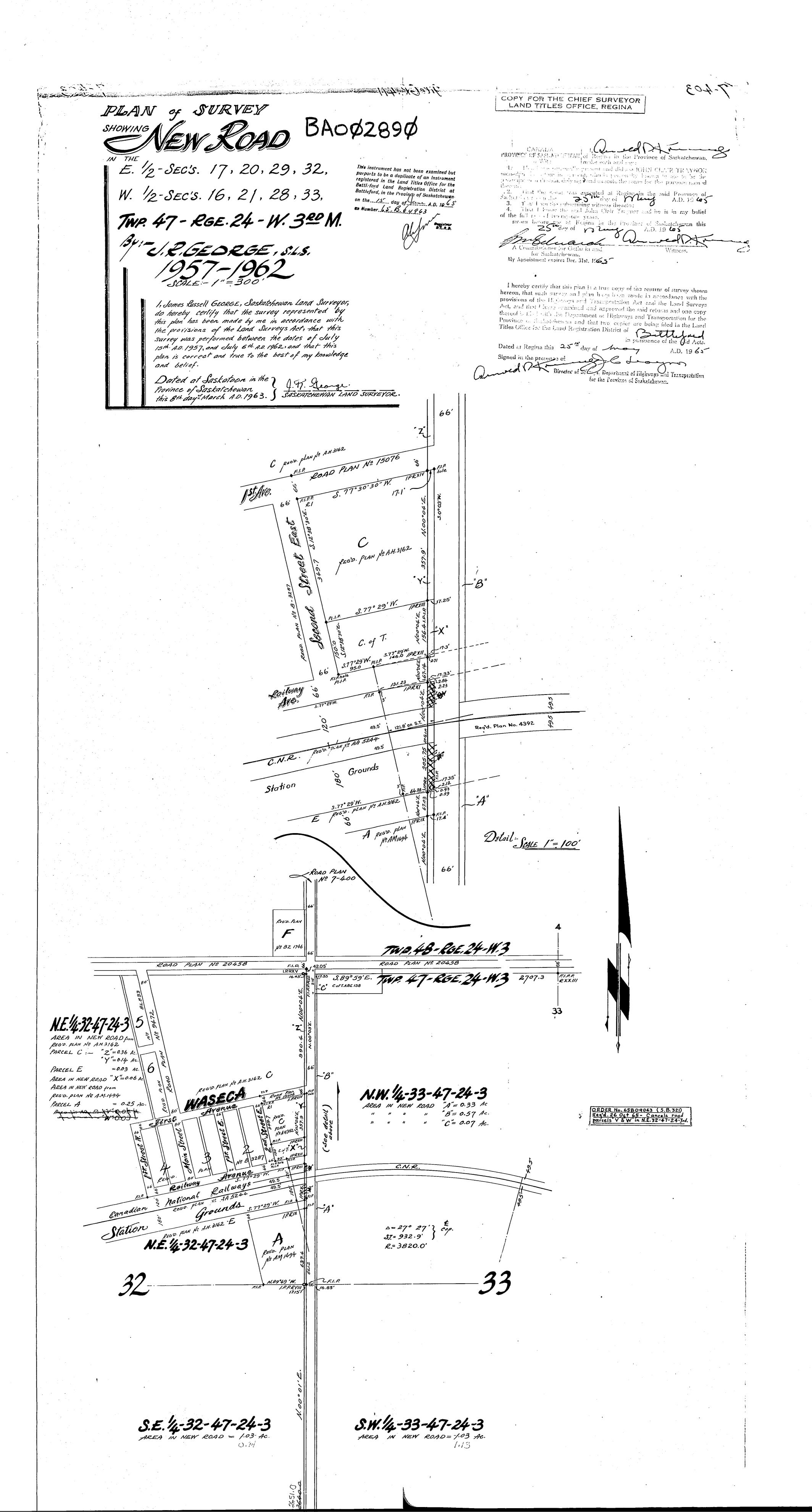
References

- 1. James g. MacGregor, Vision of an Ordered Land, The Story of the Dominion Land Survey. Western Producer Prairie Books. Saskatoon Saskatchewan; 1981.
- 2. W. F. Teskey, T.C. Swanby, W.D.Usher, A. Hittel, Cadastral Studies Notes. University of Calgary, June 1983.
- 3. Subdivision Regulations, Statutes of Saskatchewan. Chapter P-13.a Reg 1 (effective April 17, 1984) as amended by Saskatchewan regulations 11/86, 65/87, 95/87, cL-5.1 Reg 3, 50/2002 and 62/2005. Saskatchewan Land Surveyors Handbook. 2006.
- 4. Planning and Development Act, 1983. Chapter P13.1 of the Revised Statutes of Saskatchewan, 1983-84 (effective April 17, 1984) as amended by the Statutes of Saskatchewan, 1983-84, c.50 and 61;1984-86, c.11; 1986, c.5 and 17; 1988-89, c.M-23.2 and 42; 1989-90, c.5 and 51; 1992, c.S-35.1; 1993, c.11 and 55; 1996, c.C-27.01 and 35; 1997, c.44; 2000, c.58; and 2001, c.28. Saskatchewan Land Surveyors Handbook. 2006.
- Land Surveys Act, 2000. Chapter L.4.1 of The Statutes of Saskatchewan, 2000.
 Saskatchewan Land Surveyors Handbook. 2006.
- Land Survey Regulations, 2000. Chapter L-4.1 Reg 1 (effective June 25, 2001) as amended by Saskatchewan Regulations 20/2002. Saskatchewan Land Surveyors Handbook. 2006.
- 7. Information Services Corporation of Saskatchewan. http://www.isc-online.ca
- 8. Subdivision Application Form.

 http://www.forms.gov.sk.ca/graa/getformharness.asp?formName=graa94.xft&preference=PDFFORMS

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20954



To the contract of the contrac

MASSUMED NORTH MORTH 2.2492 MORTH 6.7532 9.6497

