

S. J. McKee Archives



Stephen and Grace Magnacca

<http://archives.brandonu.ca/en/permalink/descriptions14319>

Part Of: Brandon and Area Photograph Collection

Description Level: Item

Series Number: 5

Item Number: BAPC 5.12

GMD: graphic

Date Range: 1967

Physical Description: 10.25" x 8" (b/w)

History /

Biographical:

Stephen Adolph Magnacca was born December 10, 1902 in Winnipeg, MB. He joined the Winnipeg Highland Cadets in 1914, and at the age of 15, he added two years to his age and joined the Winnipeg Light Infantry. He was commissioned as a Lieutenant on June 15, 1923. In 1933, he was promoted to the rank of Major. In 1956, he was made an honorary Lieutenant Colonel of the 26th Field Artillery Regiment; he was made a Colonel in 1967.

Magnacca married Grace Rosina Jones in 1927 and together they had two children: Patricia and Allan. Grace Jones was born in Cardiff, Wales on November 22, 1901. She came to Winnipeg as a child. For a few years before her marriage she worked as the circulation manager of The Nor'West Farmer. Members of St. Matthew's Church, Grace Magnacca was active in the Anglican Church Women of Canada (ACW). Following her husband's death she moved to Winnipeg. Grace Magnacca died in Winnipeg, MB on December 20, 2004.

The Magnacca family lived in Winnipeg until Magnacca's military career took him to Brandon in 1940; his family followed in 1942. The Magnacca's ran an Officer's Kit Shop and then in 1947, opened a real estate business named Magnacca Agencies.

Magnacca served two terms as Mayor of Brandon (1961-1969). He was also President of the Assiniboine Historical Society. For meritorious community service, Magnacca was given a Manitoba Golden Boy Award (1969) and a Queen Elizabeth II Silver Jubilee Medal.

Stephen Magnacca died on August 4, 1980 in Brandon, MB. He is commemorated by Magnacca Crescent in Brandon and the Magnacca Research Centre at the Daly House Museum. He was elected a Life member of the Union of Manitoba Municipalities and in 1973, he was made a Member of the Order of Canada.

Scope and Content:

Item is a photograph of Mayor Stephen Magnacca and his wife Grace Magnacca dressed in period costumes for Canada's Centennial in 1967.

Notes: History/Bio information taken from the Manitoba Historical Society website (http://www.mhs.mb.ca/docs/people/magnacca_sa.shtml) and the December 31, 1969 Brandon Sun article Experience of being the wife of the mayor has brought satisfaction to Mrs. Magnacca.

Name Access: Stephen Magnacca
Grace Magnacca
Subject Access: celebrations
centennials
mayors
Storage Location: BAPC photograph drawer

Images





City of the rivers

<http://archives.brandonu.ca/en/permalink/specialcollections16>

Part Of: RG 4 Manitoba Pool Elevator fonds
Collection: Manitoba Pool Elevator Library Collection
Creator: Manitoba. Dept. of Industry and Commerce
Description Level: Item
Item Number: FC 3396.4.M3
Archives 14-18-5
Item Number Range: FC 3396.4.M3
Archives 14-18-5
Standard number: System Control Number 76254711
Responsibility: illustrations by Wilhelm Kaufmann
Start Date: 1958
Date Range: 1958
Publication: Winnipeg : Bureau of Travel and Publicity, Dept. of Industry and Commerce
Physical Description: 55 p. : ill. ; 27 cm
Subject Access: Frontier and pioneer life Manitoba
Winnipeg (Manitoba) History
Storage Location: Box 18 - Royal Commissions I & Manitoba II
Storage Range: Box 18 - Royal Commissions I & Manitoba II



Wheat City Business College

<http://archives.brandonu.ca/en/permalink/descriptions13653>

Part Of: Brandon and Area Photograph Collection
Creator: Photographer: Clark J. Smith
Description Level: Item
Series Number: 4
Item Number: BAPC 4.36
Accession Number: 3-2015
GMD: graphic
Date Range: 1920
Physical Description: 12.5" x 9.5" (b/w)
Physical Condition: Some warping.
Scope and Content:
Composite portrait of the Wheat City Business College class, 1920. F.A. Wood, Principal, Instructors: Mr. D.S. Forsyth; Miss. J. H. Snider; Miss. M.D. Cowan; Miss. I.E. McKewer.
Notes: Part of the Chapman Museum collection.
Name Access: Wheat City Business College
C.C. Stewart
C. Young
N. Tompkins

M. Mansfield
L. Bray
M. Atchison
E. Braybrook
M. Forsythe
W. Dunbar
E. Plaice
R.B. Dunsire
E. Sararas
W. Barr
E. Doughty
A.W. Meadows
L.S. Ling
H. Hallatt
E. Robinson
A. Dalglish
B. Cane
H. Scott
J. Machen
C.A. Stewart
A. Rogerson
W.A. Dodd
E. McMunn
N. McDonald
J. Dubbin
M. Bennett
F.W. Woodley
H. Wren
A. Chesley
A. boyd
E.A. Howell
G. Murgatroyd
E. Wallace
J. Paterson
E.E. Sararas
V. Sharp
J.S. Wood
R. Cristall
M. McAuley
J. Day
J. Scott
K.W. Beck
J. Aberdeen
M. McConnell
M. Winteringhaus

H.A. O'Neil
D.S. Forsyth
J. H. Snider
F.A. Wood
M.D. Cowan
I.E. McKewer
W. Harrison
M. Coates
H.E. Hotham
G. Gooden
R.E. Grames
K. Calladon
F.P. Burton
H. Foote
D. Wilson
N. Morris
T.A. Quigley
S. Gerry
E. Speers
E. Beatty
R. Murkle
D.H. Hunn
H. Griffith
L. Gulthorpe
E. Pugh
S. Chester
A.B. Dobbyn
L. Vaccari
Z. Bosman
P.C. Gilsthorpe
N. Goodwin
C.S. Hanford
R. Harris
C. Freedman
E. Graham
B. Campbell
R.W. Cowie
G. Roddick
E. Stone
N. Barager
P. Maxfield
M. Denise
A.B. Olive
L.G. Minions
I. Lawrence

R.H. Deans
L. Crawford
H. Hossack
R. Schwartz
B. Pottinger
M. Mains
T.C. Cunningham
M. Matron
J.P. Connolly
D. Dixon
C. Smith
M. Buchanan
R. Hoey
E. Potter
E. Minions
D.G. Cooke
C. Timmons
A.E. Williams
E. Johns
S.C. McLeod
L. Kennedy
W.T. Lee
M. Roddick
E. Connell
B. Philip
E.E. Simmons
F. Anderson
L. Turner
B.K. Stratford
E. Hawkins
L. Simpson
A. Beatty

Subject Access:

H.C. Edanthy
Education
class portraits
secondary education

Storage Location:

BAPC oversize storage drawer 2



Did you know?

<http://archives.brandonu.ca/en/permalink/specialcollections350>

Part Of:	RG 4 Manitoba Pool Elevator fonds
Collection:	Manitoba Pool Elevator Library Collection
Creator:	Farmer Cooperative Services, U.S. Deaprtment of Agriculture
Description Level:	Item
Item Number:	Archives 14-23-25
Item Number Range:	Archives 14-23-25
Start Date:	1969
Date Range:	1969
Publication:	Washington, D. C. : Farmer Cooperative Service, U.S. Department of Agriculture
Publisher Series:	FCS information ; 49
Physical Description:	[6] p. ; 23 cm
Notes:	Cover title A copy of each of these publications may be obtained upon request while a supply is available from Farmer Cooperative Service U.S. Department of Agriculture
Subject Access:	Cooperation
Storage Location:	Box 23 - Historical VI
Storage Range:	Box 23 - Historical VI



Princess Anne visits Brandon

<http://archives.brandonu.ca/en/permalink/descriptions14323>

Part Of:	Brandon and Area Photograph Collection
Description Level:	Item
Series Number:	5
Item Number:	BAPC 5.15
GMD:	graphic
Date Range:	July 15, 1982
Physical Description:	5" x 3.5" (b/w)

History /

Biographical:

Princess Anne visited Brandon for seven hours on July 15, 1982. Her visit was covered in the July 16, 1982 issue of The Brandon Sun.

Scope and Content:

Item is a photograph of Princess Anne's welcome at City Hall. The event was attended by a crowd of 1500 and most of Brandon's dignitaries. The Princess is standing on a small platform on the west side of 9th Street facing spectators and the honor guard from CFB Shilo. A Canadian flag is in the foreground and Mayor Ken Burgess is standing to her right. A number of individuals are standing on the steps behind her.

Notes: The Brandon Sun includes a photograph of this same event taken from the opposite side of the street and from a wider angle.

Name Access: Princess Anne
City Hall
Ken Burgess
9th Street
Subject Access: Centennial
royal visits
Storage Location: BAPC photograph drawer

Images





The city man's guide to the farm problem

<http://archives.brandonu.ca/en/permalink/specialcollections134>

Part Of: RG 4 Manitoba Pool Elevator fonds
Collection: Manitoba Pool Elevator Library Collection
Creator: Cochrane, Willard Wesley, 1914
Description Level: Item
Item Number: Archives 14-4-2
Item Number Range: Archives 14-4-2
Responsibility: [by] Willard W. Cochrane
Start Date: 1966
Date Range: 1966
Publication: New York ; Toronto : McGraw-Hill Book Company
Physical Description: 242 p. ; 20 cm
Notes: Bibliographical footnotes
Subject Access: Agriculture Economic aspects United States
United States Rural conditions
Storage Location: Box 4-Historical I
Storage Range: Box 4-Historical I



If you don't understand, what else can we do?

<http://archives.brandonu.ca/en/permalink/specialcollections360>

Part Of: RG 4 Manitoba Pool Elevator fonds
Collection: Manitoba Pool Elevator Library Collection
Creator: Compton, Hume
Description Level: Item
Item Number: Archives 14-23-34
Item Number Range: Archives 14-23-34
Responsibility: by Hume Compton
Start Date: 1978
Date Range: 1978
Publication: Nanaimo, B.C. : Mid-Island Consumer Services Co-operative
Physical Description: 13 p. : ill. ; 22 cm
Notes: Cover title
Subject Access: Cooperation
Storage Location: Box 23 - Historical VI
Storage Range: Box 23 - Historical VI



Louis Wirth on cities and social life : selected papers

<http://archives.brandonu.ca/en/permalink/specialcollections28>

Part Of:	RG 4 Manitoba Pool Elevator fonds
Collection:	Manitoba Pool Elevator Library Collection
Creator:	Wirth, Louis, 1897-1952
	Reiss, Albert J
Description Level:	Item
Item Number:	HM 51.W54
	Archives 14-7.1-11
Item Number Range:	HM 51.W54
	Archives 14-7.1-11
Standard number:	System Control Number 87030695
Responsibility:	edited and with an introduction by Albert J. Reiss, Jr
Start Date:	1964
Date Range:	1964
Publication:	Chicago : University of Chicago Press
Publisher Series:	The Heritage of sociology
Physical Description:	xxx, 350 p. ; 21 cm
Notes:	"The bibliography of Louis Wirth": p. [341]-350. Bibliographical footnotes
Subject Access:	Sociology Addresses
	Essays
	lectures
Storage Location:	Box 7.1 - Historical III (Archives copy)
Storage Range:	Box 7.1 - Historical III (Archives copy)



Brandon Collegiate 3B 1920

<http://archives.brandonu.ca/en/permalink/descriptions14305>

Part Of: Brandon and Area Photograph Collection
Description Level: Item
Series Number: 4
Item Number: BAPC 4.37
Accession Number: 6-2017
GMD: graphic
Date Range: 1920
Physical Description: 10" x 13.5" (b/w)
Physical Condition: Some warping. Small hole in background on middle left

Custodial History:

Photo was donated to the McKee Archives by Bernice La Buick in 2012. She bought it that summer at a yard sale as part of a box of miscellaneous items.

Scope and Content:

Composite portrait of the Brandon Collegiate 3B class of 1920.

Top Row (L to R): M. Harris; Daisy Patmore; H. Warren, Secretary Treasurer; R. McDorman; M. Abey; K. Cantelon

Second Row (L to R): R. Baldwin; D. McDougall, Principal; J. Gibson

Third Row (L to R): C. Anderson; M. Muller; G. Coristine, Class President; E. Grentham; M. Dorrett; A. Hepinstall

Fourth Row (L to R): M. Skene; M. Davidson; F. Merrell; V. Fielding

Fifth Row (L to R): E. Dorrett; L. Mummery; F. Adolph; M. Maxwell; H. White; E. Kennedy

Sixth Row (L to R): I. Powell; M. Price; F. Green; E. Chalmers

Bottom Row (L to R): J. Mazer; H. Waluk; L. Harper; Miss MacMoline, Class Teacher; Marjorie McKenzie; J. Campell; J. Bolton

Name Access: Brandon Collegiate
Brandon Collegiate Institute
BCI
Subject Access: Education
class portraits
secondary education
Storage Location: BAPC oversize storage drawer 2



Brandon Normal School 1940

<http://archives.brandonu.ca/en/permalink/descriptions14306>

Part Of: Brandon and Area Photograph Collection
Creator: Photographer: Clark J. Smith
Description Level: Item
Series Number: 4
Item Number: BAPC 4.38
Accession Number: 5-2017
GMD: graphic
Date Range: 1940
Physical Description: 14" x 9.5" (b/w)
Material Details: On backing board

Custodial History:

Photo was donated to the McKee Archives by Thelma Fisher in May 2015.

Scope and Content:

Composite portrait of the Brandon Normal School class of 1940.

Top Row (L to R): H. Hannah; W. Coulthard; E. Holditch; H. tennant; F. Williams; J. Pettifpher;
H. Peterson; A. Embury; I. Campbell; J. Hainsworth; I. Vig; M. Townson

Second Row (L to R): L. Thornton; W. Lochhead; M. Ardron; D. Archibald; Miss M.A. Yeomans,
Physical Culture; Mr. C. Moore, Principal; K. Watson; J.S. Caldwell; S. Bradley; J. Christie

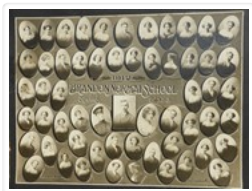
Third Row (L to R): M. Witt; H. Mikkelsen; O. Scott; M. Scharff; D. Duncan; Miss B.A. Pilling,
Primary Art; I. Duchesneau; E. Hawson; M. Simpson; D. Strath; B. Wiggins

Fourth Row (L to R): E. Henderson; C. Smithson; M. Nelin; J. Campbell; M. Young; V. Brown;
G. Wenman; I. Turcotte

Fifth Row (L to R): E. Sommerville; M. Reid; I. Henderson; M. Lychacz; E. Duncan; M. Taylor; J.
McPhail; D. Irwin; T.V. Cole; J. Regner; M. Skuce; P. Osman

Bottom Row (L to R): G. Pue; A. Berkhold; D. Pue; B. McLean; E. Nash; J. McFarland; J.
Bonner; D. Cousins; E. Pratt; N. Boake; K. Middleton; I. Goldie

Name Access: Brandon Normal School
Subject Access: Education
class portraits
post secondary education
Storage Location: BAPC oversize storage drawer 2



Brandon Normal School spring class

<http://archives.brandonu.ca/en/permalink/descriptions13617>

Part Of: Brandon and Area Photograph Collection

Creator: Photographer: Clark J. Smith

Description Level: Item

Series Number: 4

Item Number: BAPC 4.34

Accession Number: 4-2014

GMD: electronic records

Date Range: Spring 1912

Physical Description: 5849 KB

Material Details: JPG

Custodial History:

The original photograph remains in the custody of the donor, who scanned the digital copy and sent it to the McKee Archives in 2014. The donor's paternal grandmother graduated from Brandon Normal School in the Spring of 1912.

Scope and Content:

Portrait of the students of Brandon Normal School Spring 1912 class.

Name Access: Brandon Normal School

Subject Access: Education
class portraits
secondary education

Location Original: Original physical copy remains with the donor.

Storage Location: T:\Library\Archives\Shared.02\photos\BAPC\BAPC_4_34.jpg

Images





Brandon Normal School class 1903

<http://archives.brandonu.ca/en/permalink/descriptions14307>

Part Of: Brandon and Area Photograph Collection
Creator: Photographer: W. Martel & Sons
Description Level: Item
Series Number: 4
Item Number: BAPC 4.39
Accession Number: 1-2011
GMD: graphic
Date Range: 1903
Physical Description: 10.25" x 13.5" (b/w)
Material Details: On matting (16" x 19")
Physical Condition: Fair. Matting has various pieces missing, tears and stains. Large stain encroaches on the top of the image. Other small stains around the edges for the most part.

Custodial History:

Photo was donated to the McKee Archives by Audrey and Duncan Wadell in 2011.

Scope and Content:

Composite portrait of the Brandon Normal School class of 1903.

Name Access: Brandon Normal School
Subject Access: Education
class portraits
post secondary education
Storage Location: BAPC oversize storage drawer 2



The face of yesterday : the story of Brandon, Manitoba

<http://archives.brandonu.ca/en/permalink/specialcollections13>

Part Of: RG 4 Manitoba Pool Elevator fonds

Collection: Manitoba Pool Elevator Library Collection

Creator: Coleman, MacDonald

Description Level: Item

Item Number: FC 3399.B73C6
Archives 14-18-2

Item Number Range: FC 3399.B73C6
Archives 14-18-2

Standard number: System Control Number 76232214

Responsibility: MacDonald Coleman ; illustrated by Peter Parker

Start Date: [1957]

Date Range: [1957]

Publication: Brandon, Man. : Brandon Junior Chamber of Commerce

Physical Description: 106 p. : ill. ; 17 cm

Notes: Sponsored by the Brandon Junior Chamber of Commerce

Subject Access: Brandon
Man. History
Manitoba History

Storage Location: Box 18 - Royal Commissions I & Manitoba II

Storage Range: Box 18 - Royal Commissions I & Manitoba II



The Brandon packers strike : a tragedy of errors

<http://archives.brandonu.ca/en/permalink/specialcollections15>

Part Of: RG 4 Manitoba Pool Elevator fonds
Collection: Manitoba Pool Elevator Library Collection
Creator: MacDowell, George F
Description Level: Item
Item Number: HD 5330.B7M3
Archives 14-7.2-15
Item Number Range: HD 5330.B7M3
Archives 14-7.2-15
Standard number: System Control Number 76253452
Responsibility: G.F. MacDowell
Start Date: c1971
Date Range: c1971
Publication: Toronto : McClelland and Stewart
Physical Description: xiii, 305 p. ; 24 cm
Notes: Includes bibliographical references
Subject Access: Brandon Packers Strike
1960
Brandon
Manitoba Packing-house Workers' Strike
Storage Location: Box 7.2 - Manitoba I (Archives copy)
Storage Range: Box 7.2 - Manitoba I (Archives copy)



Brandon Normal School fall term 1917

<http://archives.brandonu.ca/en/permalink/descriptions13652>

Part Of: Brandon and Area Photograph Collection
Creator: Photographer: Davidson Studio
Description Level: Item
Series Number: 4
Item Number: BAPC 4.35
Accession Number: 3-2015
GMD: graphic
Date Range: 1917
Physical Description: 12.5" x 9.5" (b/w)
Material Details: On matting
Physical Condition: Some staining in upper right quadrant.
Scope and Content:

Composite portrait of the Brandon Normal School Fall Term 1917 class. B.J. Hales, Principal, W. Beer, Vice-Principal, M. Reid, Asst. Teacher, M. Yeomans, Drill Instructor.

Notes: Part of the Chapman Museum collection.
Name Access: Brandon Normal School

M. DeWitt
A. McCormack
L. Morden
S. Field
W. Maguire
S. Billinski
T. Bilous
E. Stoddart
E. Riddell
V. Carrick
M. Kelly
M. Hill
E. Rowley
E. Abey
F. Blair
B. Maxfield
C. Crawford
S. Kozak
J. Thomson
R. Wallace
M. Abey
V. Glover
S. Strath
D. Hill
A. Tycki
R. McCallum
E. Charters
B.J. Hales
W. Beer
D. Aldis
H. Henwood
L. Brad
M. Gillis
B. Sanford
E. Fowler
E. Krog
I. Lindsay
E. Dick
E. Hall
E. McIntyre
G. Tilley
M. Reid
M. Yeomans
A. Jones
D. Flewitt

E. Rutherford
B. Rose
M. Berlet
M. Scharff
H. Hall
F. Morden
D. McGillivray
N. Parsnage
B. Robins
V. Sandercock
D. Horton
A. Hrudka
J. Chriptyk
H. Tanner
K. Averill
E. Radomski
M. Saranchuk
M. Babcock

Subject Access: Education
class portraits
secondary education

Storage Location: BAPC oversize storage drawer 2



Brandon Normal School third class spring term

<http://archives.brandonu.ca/en/permalink/descriptions10180>

Part Of: Brandon and Area Photograph Collection

Description Level: Item

Series Number: 4

Item Number: BAPC 4.18

Accession Number: 22-1999

GMD: graphic

Date Range: 1921

Physical Description: 11" x 14" (b/w)

Physical Condition: One small hole, some pencil marks and stains. A couple of the names are illegible.

History /

Biographical:

The Brandon Normal School was an arm of the provincial Department of Education. Manitoba Normal schools were initiated in the early 1880s (1882 for protestant teachers and 1883 for Roman Catholic ones) to meet the demand for teachers in the province's schools. Normal schools were held in Brandon at various locations until the construction of the Brandon Normal School in 1912 under the Roblin government. The Brandon Normal School operated until 1946.

Custodial History:

Photograph was donated to the McKee Archives by Janette Donnelly in 1999.

Scope and Content:

Portraits of the students and staff of Brandon Normal School's third class spring term (1921).

Name Access: B. Foreman
 M. J. Dunreith
 S.M. Lougheed
 M. Garrett
 O. Windsor
 L.M. Travers
 M. Miller
 W.G. Hume
 V. Whitfield
 A. Ludgate
 P.A. Wiggins
 R. Hetherington
 M.R. Sadler
 I. Milloy
 M.D. MacLennan
 M. Letourner
 E. Craig
 J. Skelton
 C. Halldorson
 D.C. Bertram
 R.H. Lund
 M. Smith
 K. Clench
 P. Nicol
 W.H. Etsell
 A.C. Hoskins
 M.G. Stevens
 S.E. Sleigh
 M.W. Morrison
 M. Yeomans
 W.B. Beer
 B.J. Hales
 B. Pilling
 M.A. Gee
 A.M. Bruce
 J. Smith
 M.E. Gillander
 G.I. Bell
 C. Hall
 K.E. Herbert
 D.B. Johnson

? McGuffin
L. Ponte
F.K. Fahey
P. McNevin
V. Murray
F. E. Stotts
M. I. Forster
V. S. Nay
B. Kirkpatrick
M. Wachna
C. A. Powell
N. M. Glover
B.A. Biggs
M.A. Holland
L. Sveinson
V. Thordarson
M.A. Goulet
V. Yeren
I. Summers
A.B. Midland
E.H. Skelton
O. U. Perlett

Subject Access:

Education
normal schools
class portraits

Storage Location:

BAPC oversize storage drawer 2



Brandon area study : elevator receipts and analysis of rail and trucking alternatives

<http://archives.brandonu.ca/en/permalink/specialcollections371>

Part Of: RG 4 Manitoba Pool Elevator fonds
Collection: Manitoba Pool Elevator Library Collection
Creator: Canadian Transport Commission. Railway Transport Committee
Description Level: Item
Item Number: Archives 14-20-3
Item Number Range: Archives 14-20-3
Responsibility: Railway Transport Committee
Start Date: 1970-1972
Date Range: 1970-1972
Publication: Ottawa : Railway Transport Committee, Canadian Transport Commission
Publisher Series: Brandon Area Study ; no. 5-7
Physical Description: 3 v. : ill., map ; 23 x 36 cm
Subject Access: Railroads Canada
Storage Location: Box 20 - Brandon Area Study & Snavely Hearings (vol. 1-5)
Storage Range: Box 20 - Brandon Area Study & Snavely Hearings (vol. 1-5)



Rail rationalization background data : branch lines 1 to 7, 53-59, Brandon area

<http://archives.brandonu.ca/en/permalink/specialcollections370>

Part Of: RG 4 Manitoba Pool Elevator fonds
Collection: Manitoba Pool Elevator Library Collection
Creator: Canadian Transport Commission. Railway Transport Committee
Description Level: Item
Item Number: Archives 14-20-2
Item Number Range: Archives 14-20-2
Responsibility: Railway Transport Committee
Start Date: 1970-1971
Date Range: 1970-1971
Publication: Ottawa : Railway Transport Committee, Canadian Transport Commission
Publisher Series: Brandon Area Study ; no. 1-4
Physical Description: 4 v. : ill., map ; 23 x 36 cm
Subject Access: Railroads Canada
Storage Location: Box 20 - Brandon Area Study & Snavely Hearings (vol. 1-5)
Storage Range: Box 20 - Brandon Area Study & Snavely Hearings (vol. 1-5)