



FIG WORKING WEEK 2023

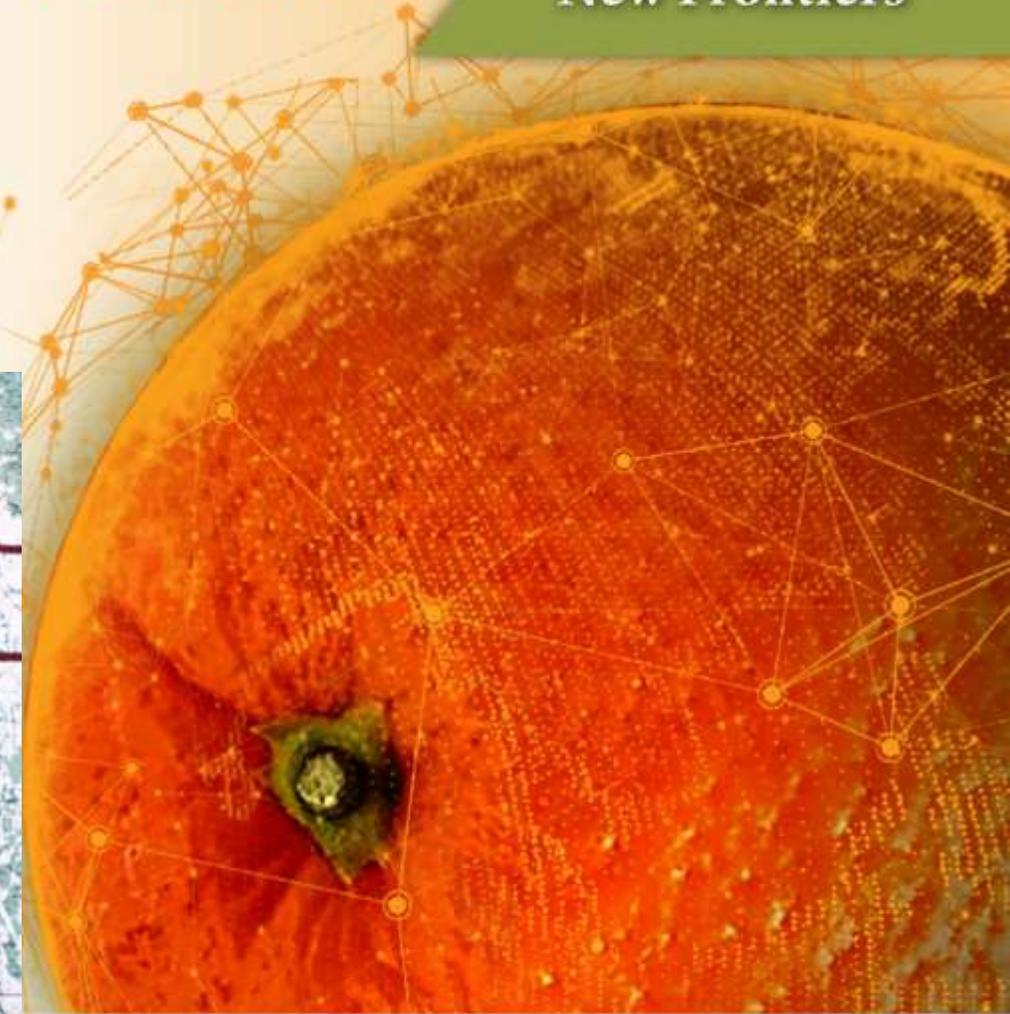
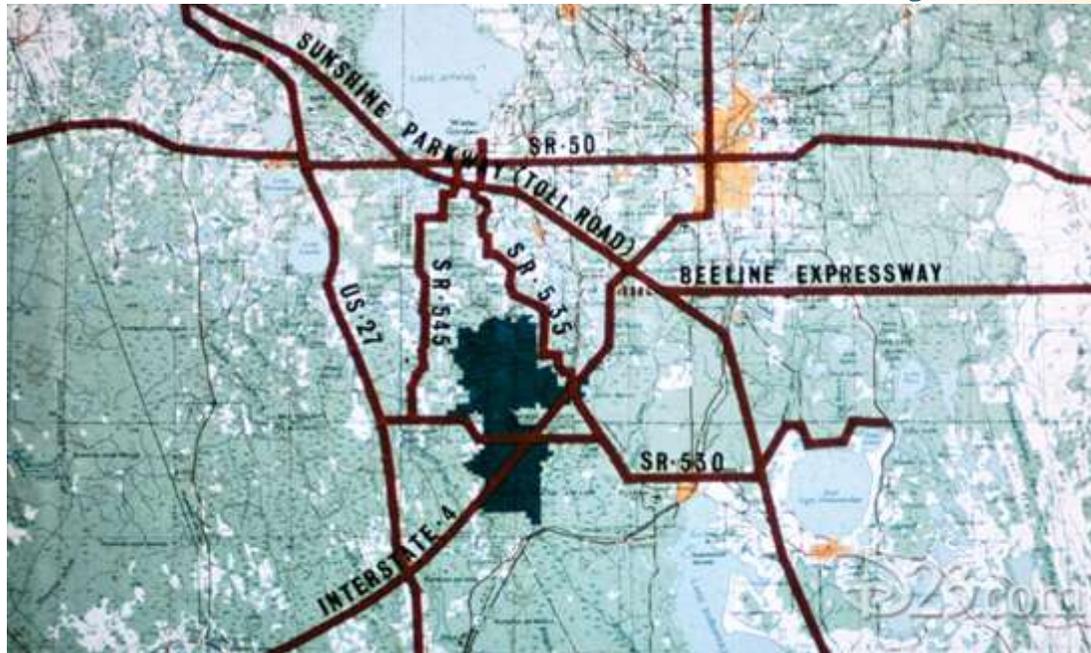
28 May - 1 June 2023 Orlando Florida USA

Protecting
Our World,
Conquering
New Frontiers

SURVEYING "PROJECT X"

The Boundary Survey for a secret land acquisition that became Walt Disney World

Beverly Hart
Jones, PSM



Organized By



Diamond Sponsors





A. C. Hart - Old Dixie Highway at the Orange and Osceola County line, 1920's
(Florida Archives)

SPHALER'S ADDITION
TO
PROSPER COLONY

South Range 29

The N.W. $\frac{1}{4}$ of the N.W. $\frac{1}{4}$ - The N.E. $\frac{1}{4}$ of the N.W. $\frac{1}{4}$ - The N.W. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$
The N.E. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ and The N. $\frac{1}{2}$ of the S.W. $\frac{1}{4}$ of the N.W. $\frac{1}{4}$ - The N. $\frac{1}{2}$ of
The S.E. $\frac{1}{4}$ of the N.W. $\frac{1}{4}$ - The N. $\frac{1}{2}$ of the S.W. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ and the N. $\frac{1}{2}$ of
S.E. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ of the N. 1st & 2nd Quarters of Section 2, 5 a. Farms.

311.8	331.8	331.8	311.8	311.8	331.8	331.8	311.8	311.8	331.8	331.8	311.8	311.8	331.8	331.8	311.8	311.8
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
311.8	331.8	331.8	311.8	311.8	331.8	331.8	311.8	311.8	331.8	331.8	311.8	311.8	331.8	331.8	311.8	311.8

Township 24

Prosper Colony Lands.

State of Florida
County of Orange
Personally appeared before me A. C. Hart
Surveyor who being duly sworn deposes and says that
the above is a correct survey of the above described
land:
A. C. Hart.
Sworn to and subscribed before me this 19th day of
Jan. 1915.
F. E. Shine.
Notary Public, State at Large.
My commission expires Jan. 13/18.
(Notary Seal)

State of Florida
County of Orange
Personally appeared before me
D. B. Sphaler who being duly sworn deposes and
says that he is the owner of the above des-
cribed lands.
Sworn to and subscribed before me this 19th
day of Jan. 1915.
D. B. Sphaler.
B. M. Robinson Clerk of Ct.
By J. P. Williams D. C.
(Cl. Ct. Seal)

2-24-29

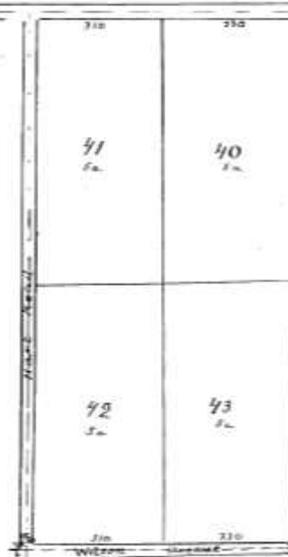
FILED AND RECORDED THIS 19th DAY OF JANUARY A.D. 1915.

B. M. Robinson Clerk
By J. P. Williams D. C.

PLAN of LAKEVIEW HEIGHTS

Orange County
Florida

The Correction of this Plan is recorded in
Platbook E pages 39 & 40
Attest B.M. Robinson, Clerk
By J.P. Williams D.C.



Subdivision of

Description	Section	Township	Range	Acres
W 1/2	27	22	28	320
W 1/2 of SW 1/4 of SE 1/4	27	22	28	80
E 1/2 of SE 1/4	28	22	28	80
NW 1/4 of SE 1/4	28	22	28	40
N 1/2 of NE 1/4 of SW 1/4	28	22	28	20
S 1/2 of SE 1/4 of NW 1/4	28	22	28	20
NE 1/4 of SE 1/4 of NW 1/4	28	22	28	10
N 1/2 of NW 1/4	31	22	28	80
				570

Note
Roads and Avenues included in a orange
Boulevard around shore of lake to be 80 ft. wide

Personally appeared before me
Walter W. Rose who deposes and says
that he is the Secretary of the Lake
View Heights company and that said
Company is the owner of above
described property

Walter W. Rose
Secretary

Sworn to and subscribed before me
this 18th day of July 1914

M. G. Hart
Notary Public, State of large
(Notarial seal) My commission expires
4.12.17

Personally appeared before me
A. C. Hart, who deposes and says that
this plan is a Preliminary survey
of the above described lands
Sworn to and subscribed before me
this 13 day of July 1914

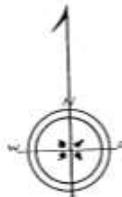
M. G. Hart

Notary public, State of large

(Notarial seal) My commission
expires 4-12-17

Filed in office and Recorded in
Platbook E pages 32-33, this 14
day of July 1914

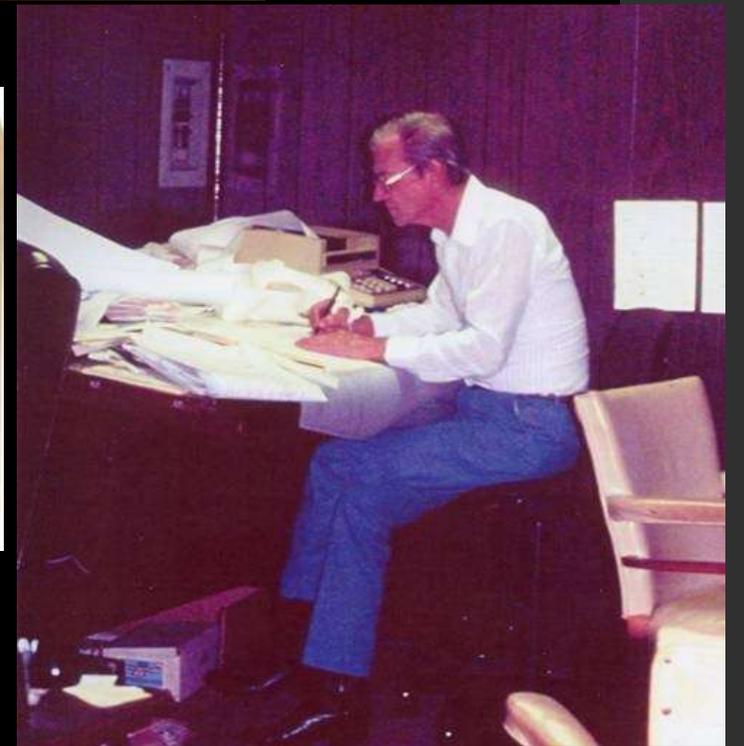
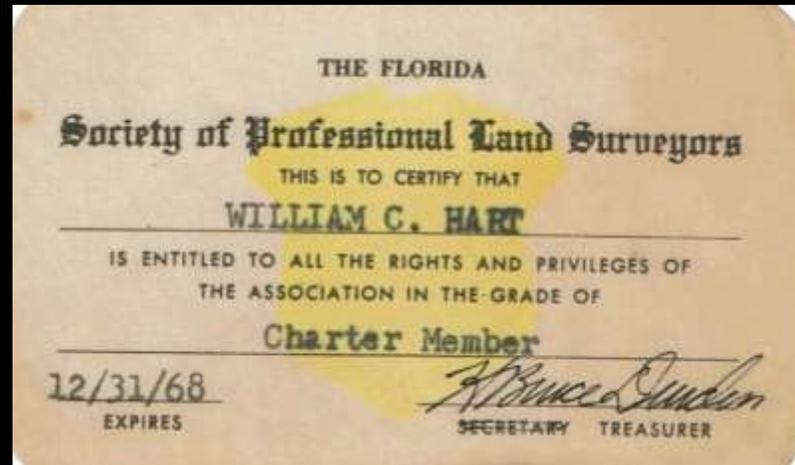
(Ct. Ct. Seal) B. M. Robinson
Clerk Ct. Ct.
By J. P. Williams D.C.



A. C. Hart Surveyor
& Draughtsman.

A. C. Hart
Surveyor
Orlando, Fla.

Scale
1 inch = 200' June 1st 1914



William C. "Bill" Hart

1973 ASP/ACSM



FALL CONVENTION

OCTOBER 2-5



Walt Disney World

LAKE BUENA VISTA, FLORIDA

Surveyor In Like Breeze



WILLIAM C. HART, 42, Democrat, Windermere, married, two children, B.S. in Engineering, Veteran county surveyor for 14 years, incumbent, unopposed. Graduate Indiana Technical College.

Form 102

CERTIFICATE OF NOMINATION

STATE OF FLORIDA,

County of ORANGE

Office of
SUPERVISOR OF REGISTRATION

Orlando, Fla., May 20, 19 54

This is to certify that Honorable Wm. C. Hart
was nominated as the Democratic candidate for the office of County Surveyor
in and for Orange County,
at the Primary Election held on the 4th day of May 20, 19 54, having received the highest number of
votes for said office at said election, as shown by the Election Returns on file in my office.

Dixie P. Barber
Supervisor of Registration.

Wm. C. HART

COUNTY SURVEYOR

827 HIGHLAND AVE. - ORLANDO, FLORIDA 32803, PH. 422-4334

DATE: OCT. 24, 1967

SCALE: 1" = 1000'

DWG. NO: 67-771

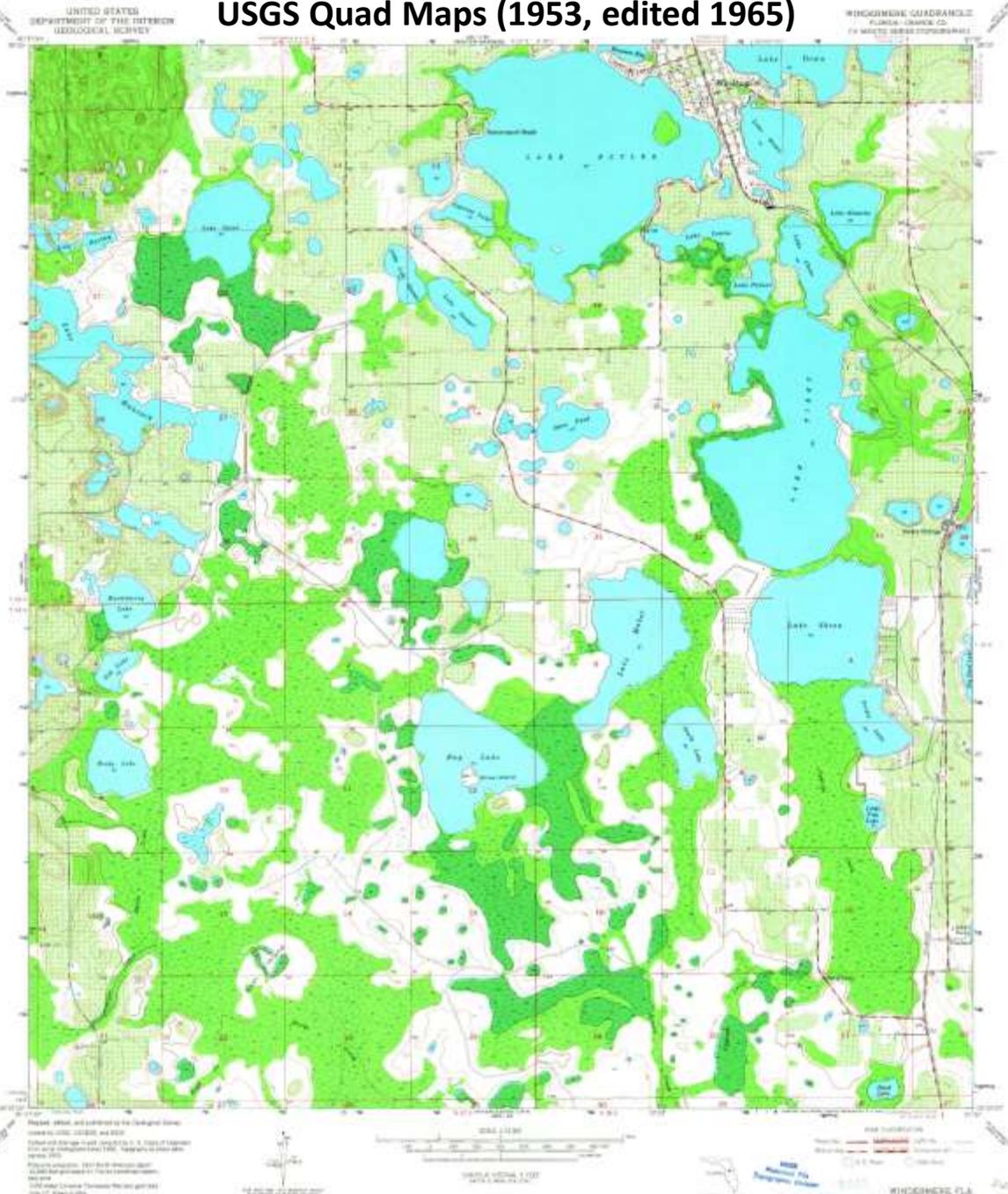


Disneyland
Anaheim,
California

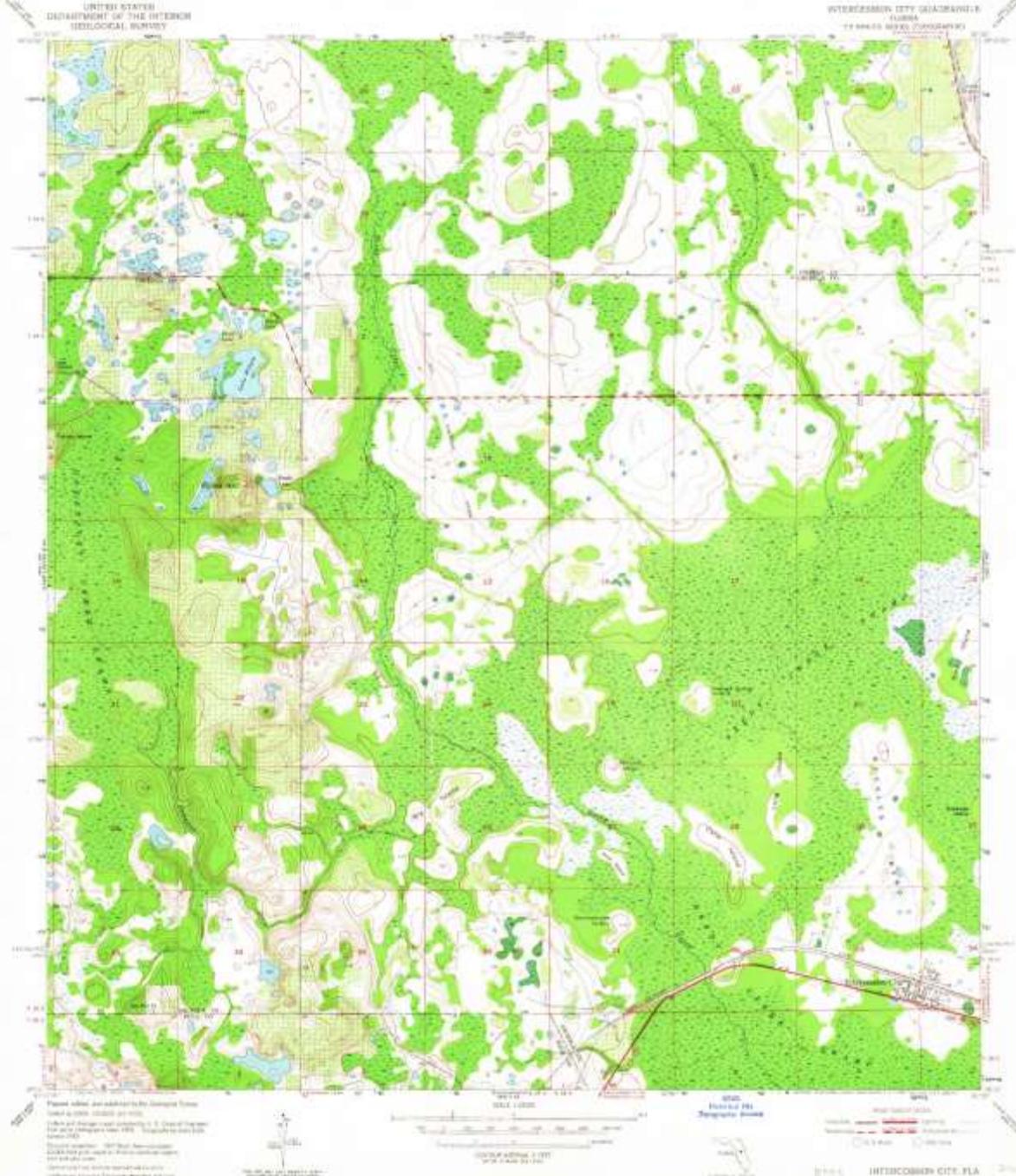


Aerial Photos, Florida Archives

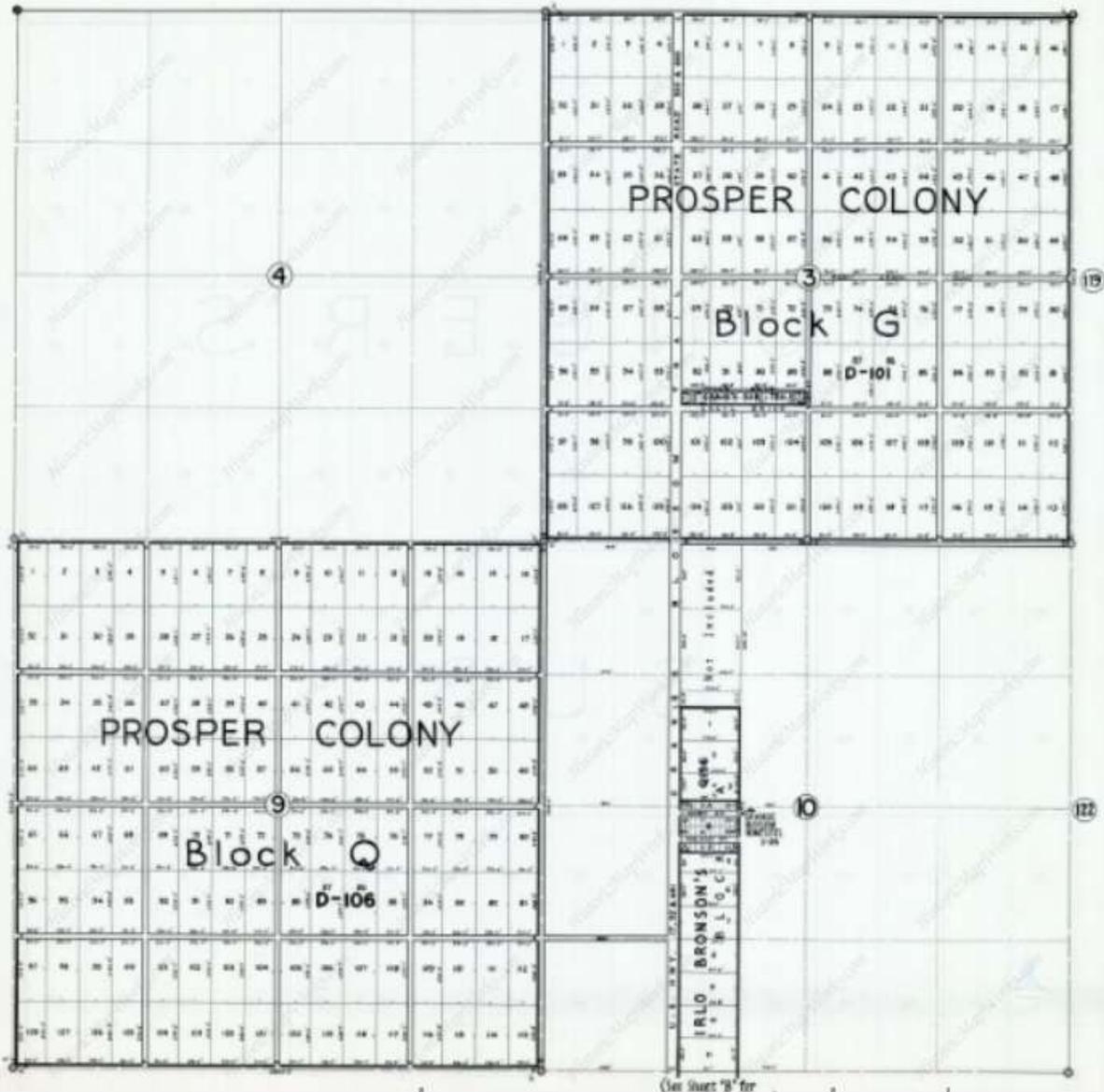
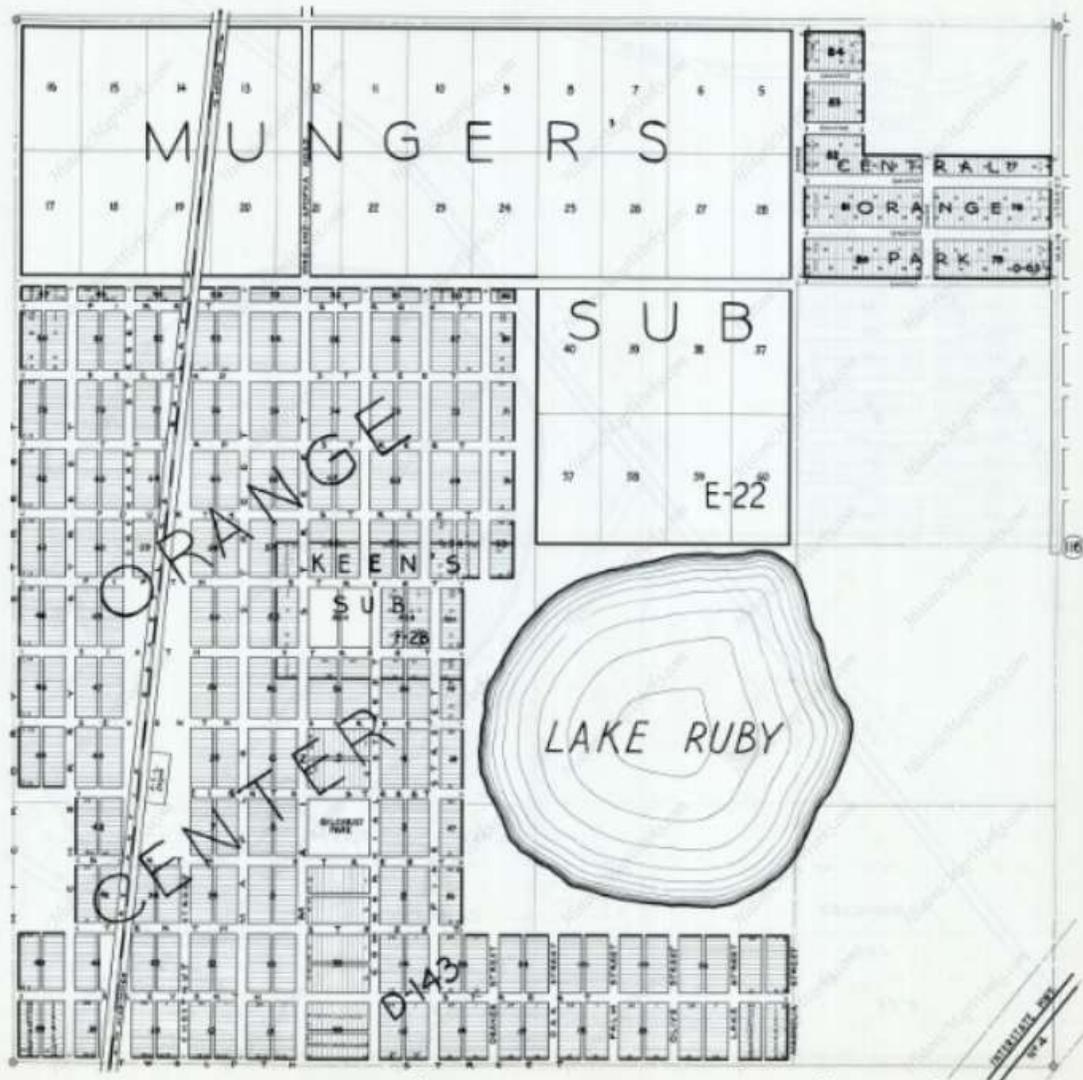
USGS Quad Maps (1953, edited 1965)



Windermere



Intercession City



1962 Tax Maps – Subdivision Atlas



D23.com
© Disney

Disney Legend, Robert "Bob" Foster AKA "Bob Price"

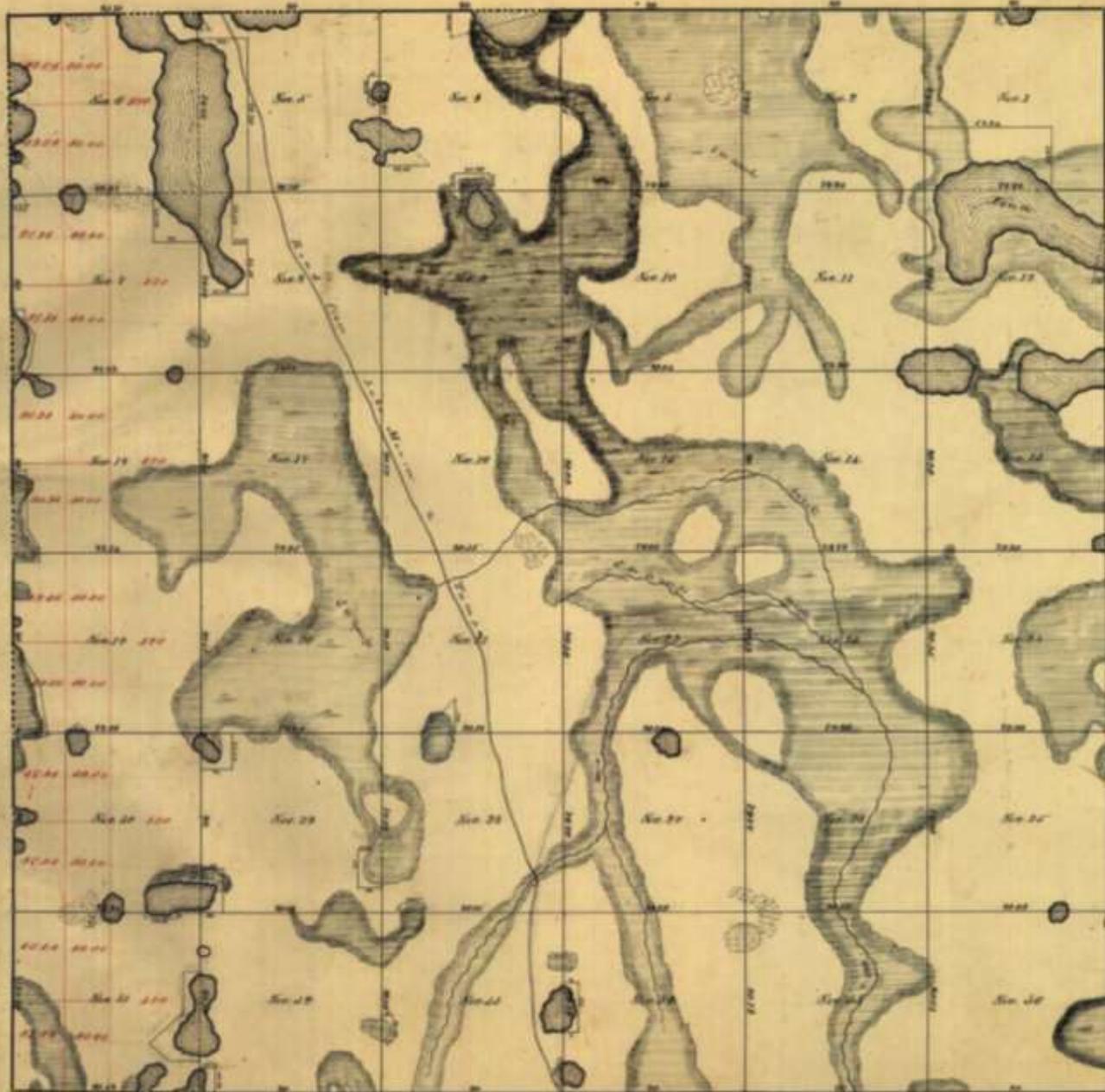
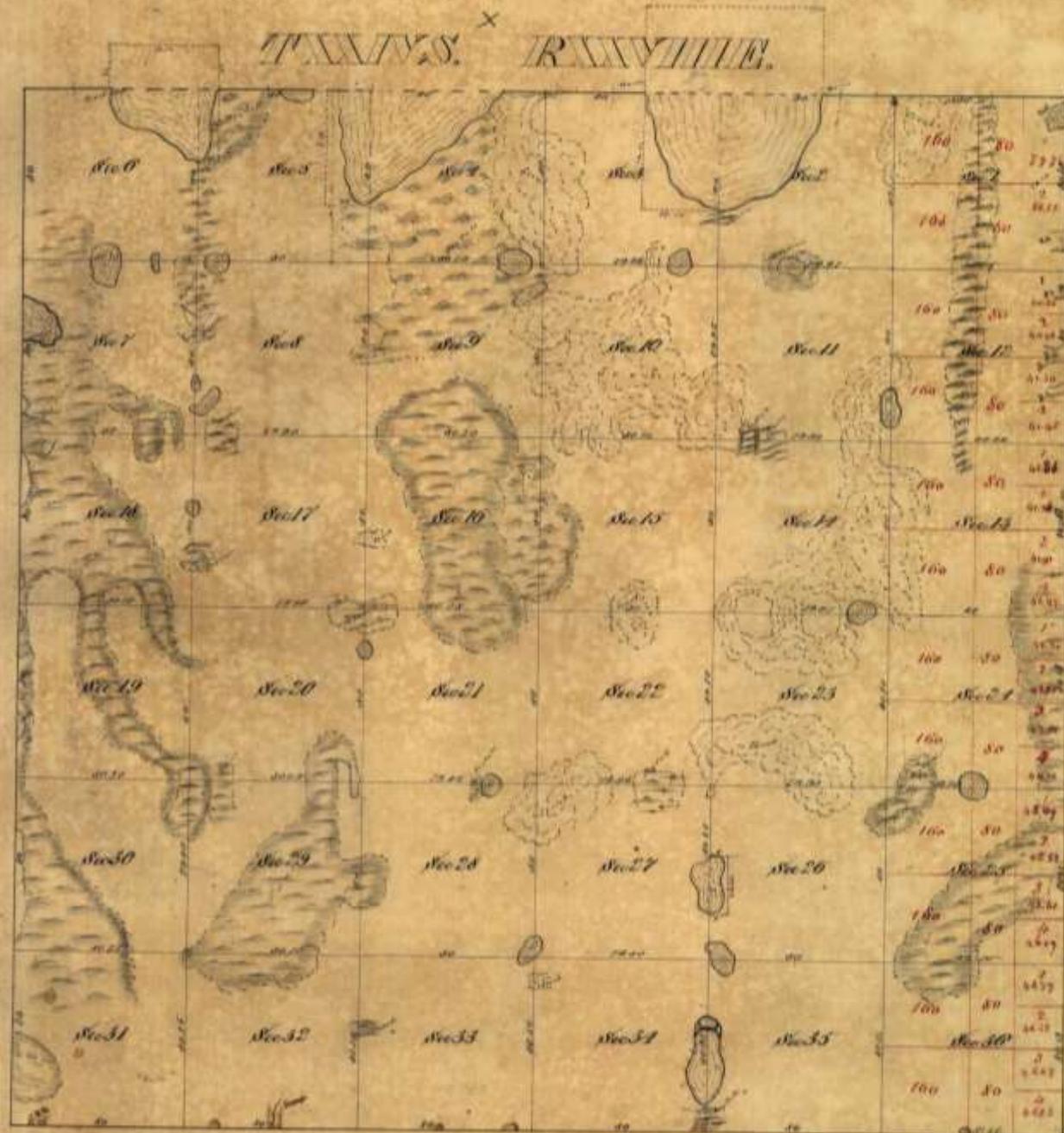


Table of Distances.

No. of Miles	No. of Miles	No. of Miles	No. of Miles
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36

Examined at St. Paul, 24th Oct.
 Surveyed in the month of April, 1851, by
 J. M. ...
 ...
 General Engineer with first class & officers of 1st Regt 1851

J. M. ...
Genl. Engr.



Totals					
Acres	Acres	Acres	Acres	Acres	Acres
1	64.60	1	64.60	1	64.60
2	64.60	2	129.20	2	129.20
3	64.60	3	193.80	3	193.80
4	64.60	4	258.40	4	258.40
5	64.60	5	323.00	5	323.00
6	64.60	6	387.60	6	387.60
7	64.60	7	452.20	7	452.20
8	64.60	8	516.80	8	516.80
9	64.60	9	581.40	9	581.40
10	64.60	10	646.00	10	646.00
11	64.60	11	710.60	11	710.60
12	64.60	12	775.20	12	775.20
13	64.60	13	839.80	13	839.80
14	64.60	14	904.40	14	904.40
15	64.60	15	969.00	15	969.00
16	64.60	16	1033.60	16	1033.60
17	64.60	17	1098.20	17	1098.20
18	64.60	18	1162.80	18	1162.80
19	64.60	19	1227.40	19	1227.40
20	64.60	20	1292.00	20	1292.00
21	64.60	21	1356.60	21	1356.60
22	64.60	22	1421.20	22	1421.20
23	64.60	23	1485.80	23	1485.80
24	64.60	24	1550.40	24	1550.40
25	64.60	25	1615.00	25	1615.00
26	64.60	26	1679.60	26	1679.60
27	64.60	27	1744.20	27	1744.20
28	64.60	28	1808.80	28	1808.80
29	64.60	29	1873.40	29	1873.40
30	64.60	30	1938.00	30	1938.00
31	64.60	31	2002.60	31	2002.60
32	64.60	32	2067.20	32	2067.20
33	64.60	33	2131.80	33	2131.80
34	64.60	34	2196.40	34	2196.40
35	64.60	35	2261.00	35	2261.00
36	64.60	36	2325.60	36	2325.60
Total	2325.60	Total	2325.60	Total	2325.60

Surveyed in October 1840 by Genl. A. S. G. Surveyor
 Dutch Cove
 Subst. Cannon & one chain line
 South of Chain & a sub. boundary with Sub.

The North and South boundaries were surveyed by Genl. A. S. G. Surveyor in October and November 1848.

The West boundary was surveyed by Genl. A. S. G. Surveyor in April 1848 and the East boundary was also surveyed by Genl. A. S. G. Surveyor, in the 1st Quarter of 1844.

Examined compared with field notes and approved 3rd July 1849.
 J. D. Putnam
 Surveyor

TXXVS. RXXVIII.

Land District East
State of Florida.

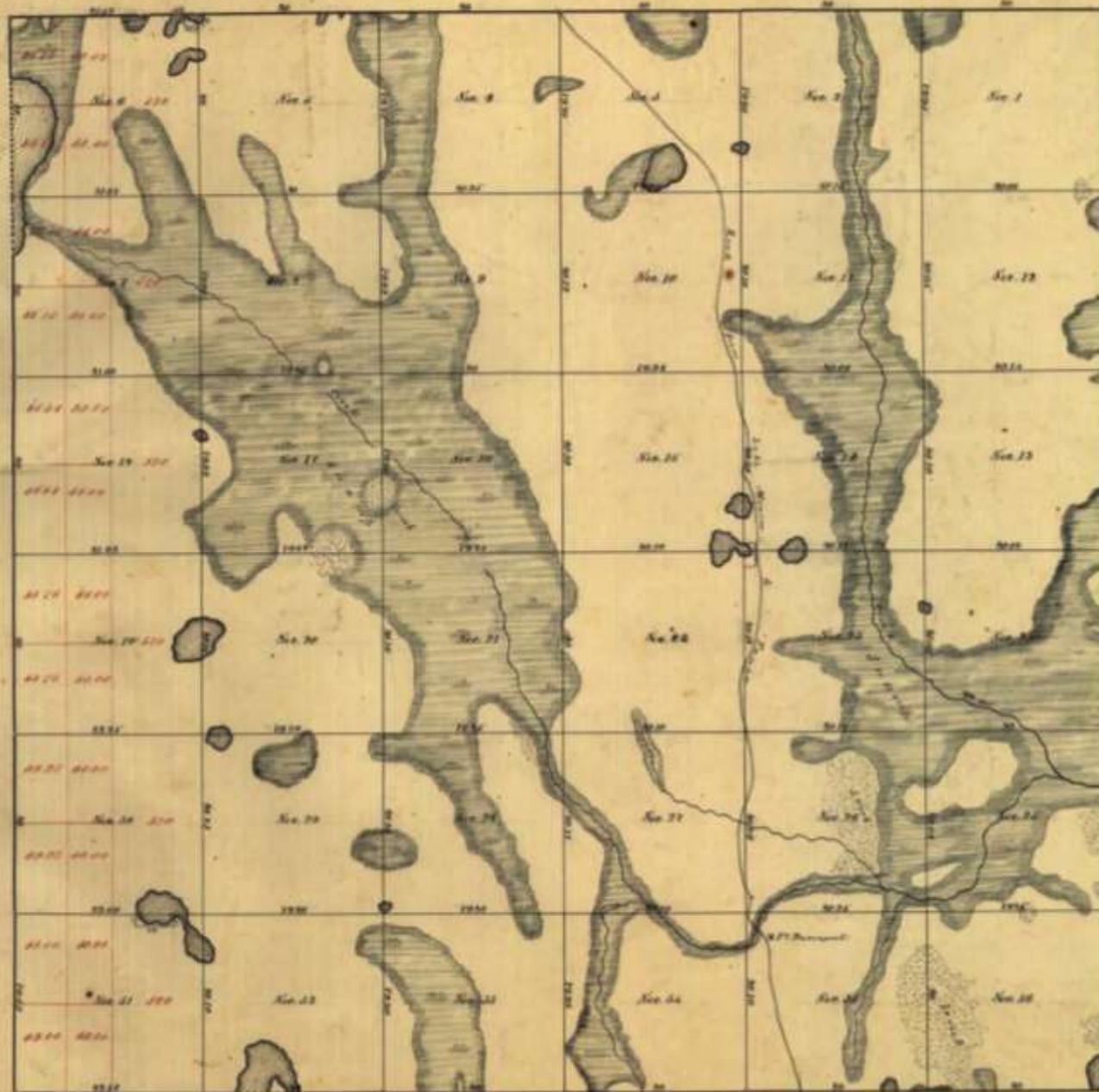


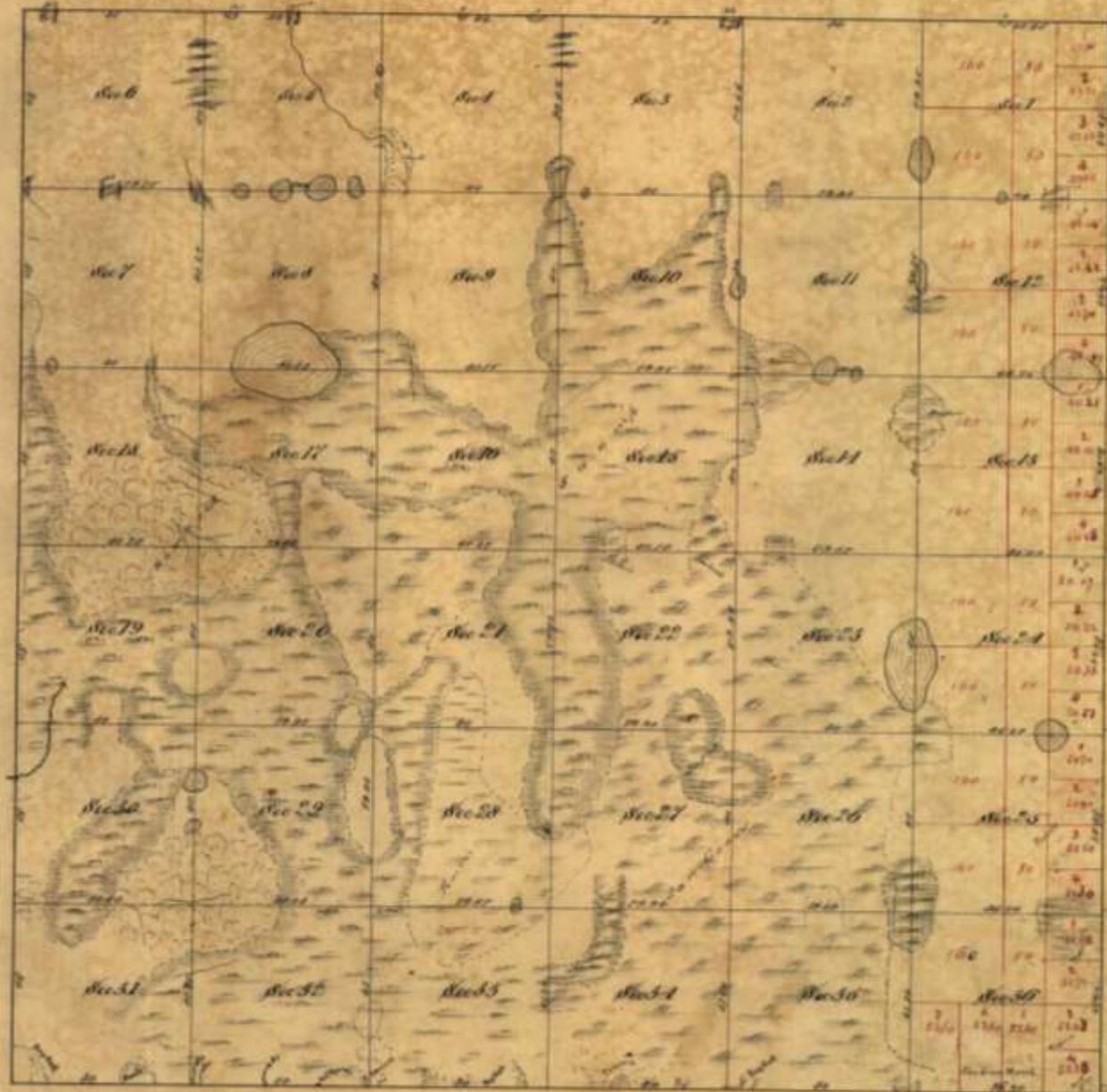
Table of contents

Sec.	Acres	Sec.	Acres	Sec.	Acres	Sec.	Acres
1	3047.23	10	3048.21	19	3047.23	28	3048.21
2	3048.21	11	3049.19	20	3048.21	29	3049.19
3	3049.19	12	3050.17	21	3049.19	30	3050.17
4	3050.17	13	3051.15	22	3050.17	31	3051.15
5	3051.15	14	3052.13	23	3051.15	32	3052.13
6	3052.13	15	3053.11	24	3052.13	33	3053.11
7	3053.11	16	3054.09	25	3053.11	34	3054.09
8	3054.09	17	3055.07	26	3054.09	35	3055.07
9	3055.07	18	3056.05	27	3055.07	36	3056.05

Surveyed by
Surveyed in the month of March 1841
Wm. C. Hall, by J. P. Thompson, J. S. Smith
Wm. C. Hall
Surveyed in the month of May 1841
James Thompson with John S. Smith

J. P. Thompson

T. XXV. S. R. XXVIII. E.

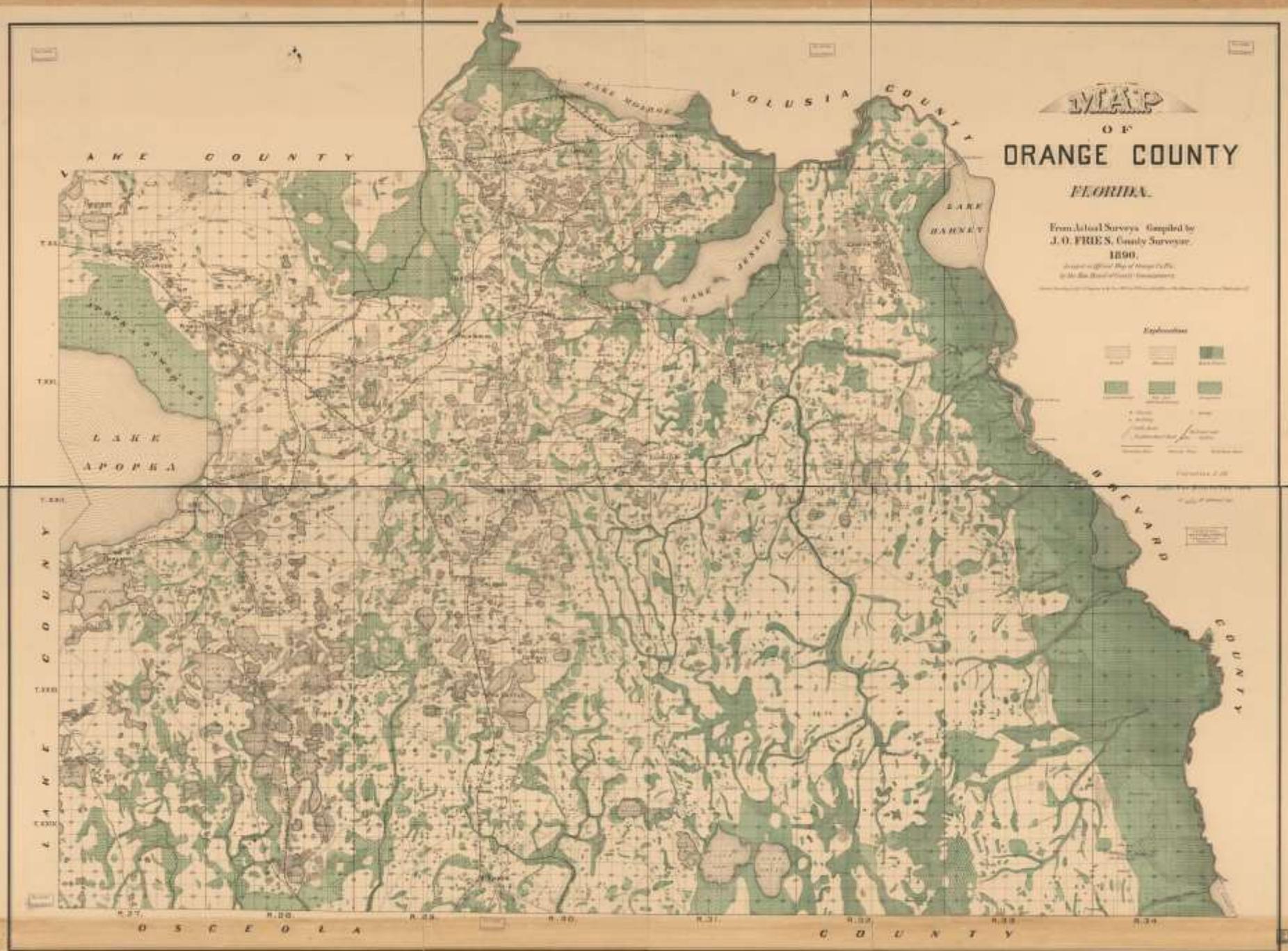


Contents					
No.	Acres	No.	Acres	No.	Acres
1	662.77	17	672.77	33	674.00
2	672.77	18	672.77	34	674.00
3	672.77	19	672.77	35	674.00
4	672.77	20	672.77	36	674.00
5	672.77	21	672.77		
6	672.77	22	672.77		
7	672.77	23	672.77		
8	672.77	24	672.77		
9	672.77	25	672.77		
10	672.77	26	672.77		
11	672.77	27	672.77		
12	672.77	28	672.77		
13	672.77	29	672.77		
14	672.77	30	672.77		
15	672.77	31	672.77		
16	672.77	32	672.77		
Total		24220.00		24220.00	

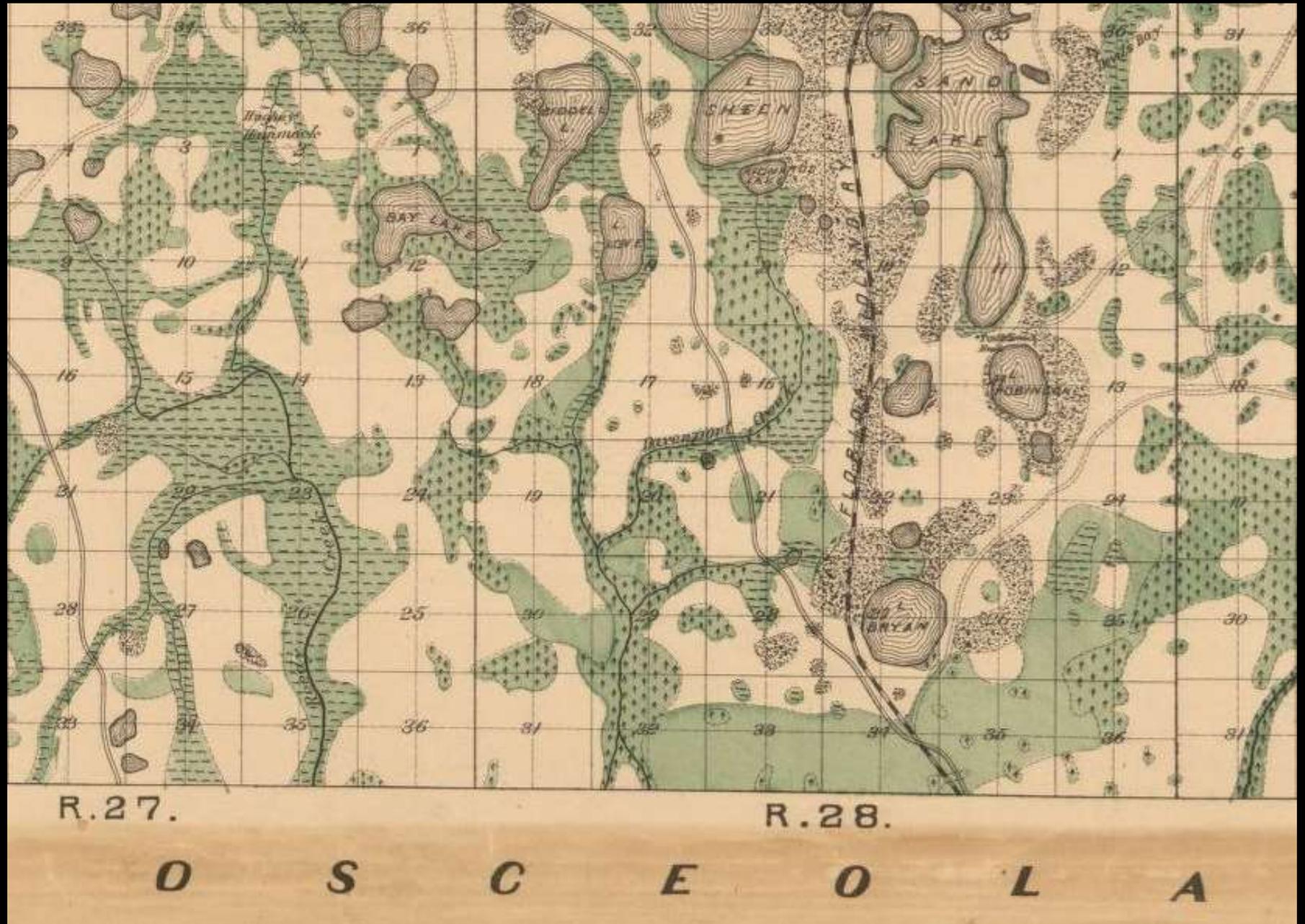
Surveyed in November 1841 by S. Long, Deputy Surveyor,
 Public Land Office.
 Robert Bennett was then in
 possession of the land.

The first and last boundaries were surveyed
 by S. Long, Deputy Surveyor, in November
 1841. The West boundary was surveyed
 by Wm. B. Whitson, Deputy Surveyor,
 in March and April 1845.
 The East boundary was also sur-
 veyed by Wm. B. Whitson, Deputy Surveyor,
 in December 1845.
 Examined, compared with field notes and
 approved. 5th July 1849
 J. A. Thomson
 Surveyor General.

J. O. Fries Map of
Orange County,
Florida
1890

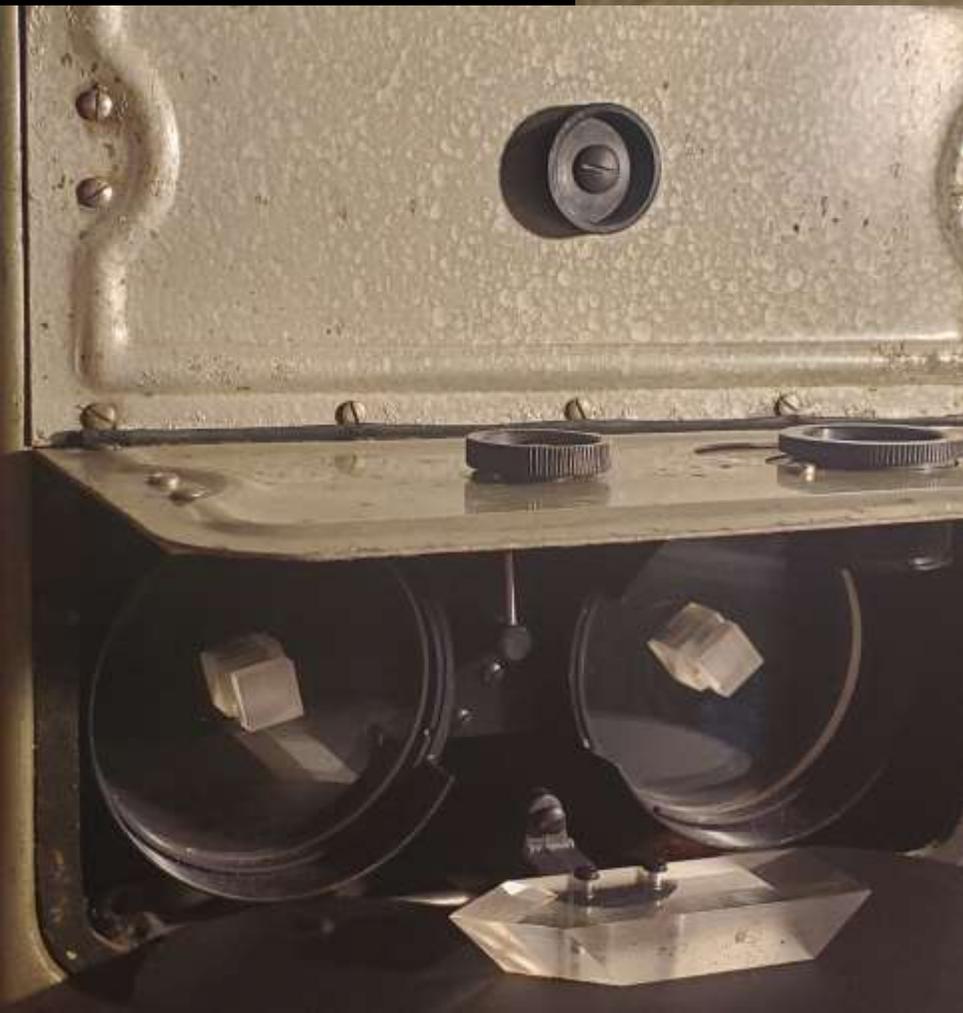


You Are Here









Orlando Sentinel

Real Estate-Financial

Land Sales... Building News
Area Business

SECTION B

Sunday

July 4, 1965

'Space Age' Devices Set Surveying Record



BILL HART AND GEODIMETER PART
... unit receives reflected light to measure

12,450 Acres Measured In Six Weeks

What does a surveyor do when he has to survey 12,450 acres in just six next weeks?

That was the question facing Bill Hart, County Surveyor, when Florida Ranch Land, Inc., told him to submit a proposal for a survey of the Demaree property in southwest Orange County.

BECAUSE the purchase of the property by unidentified principals for a major "mystery plant," depended upon an accurate survey in relatively short time, it was obvious to Hart that the time-honored transit and "chain gang" measurements was out.

The only answer: space-age electronic instruments developed in Sweden which offered accuracy not obtainable by normal surveying means and — more important — speed.

"So I took a deep breath and ordered a Geodimeter," said Hart, "and then realized that in use it eventually, I would also have to have a Theodolite instead of a transit."

BASICALLY, a Geodimeter is an extremely accurate distance measuring instrument which uses a beam of light shot from the instrument to a distant reflector which bounces it back to a receiver in the instrument which automatically registers the distance. Corrections for temperature and pressure make its readings even more precise. No plodding crew, dragging a measuring "chain" is necessary, although lines of sight must sometimes be cut through wooded areas. Essentially it is quite similar to radar, employing light instead of radio waves.

So precise is this instrument that the ordinary surveyor's transit is not considered accurate enough to measure the angles involved. Hart's purchase of a much more costly Theodolite was thus necessary. Theodolites are used extensively in laying out and launching piers at nearby Cape Kennedy.

AS AN INDICATION of the fantastic accuracy obtainable by the use of such "space age" instruments and methods, Hart's perimeter survey of the 12,450-acre tract required the accurate plotting of all of the property lines that make up the boundary. Because these lines seldom ran in a straight line he never had a half-mile without making a right-angle turn to the right or left, the total distance of the boundary line from starting point, around the property, and back to the same point covered about twenty-eight and a half miles.

Accuracy of average station "close" (errors in the exact beginning points) with complete accuracy due to the human and mechanical errors to be found in measuring a line in rough terrain. These factors can cause a "closing error" of many feet or even yards in a survey of this size.

TO THE AMAZEMENT of Hart and other engineers in the area, however, the error of closure was found to be only 12 feet in one direction and 24 feet in the other — a total error of approximately two inches! This is ten times more precise than the best work resulting from the best methods utilizing conventional equipment — transit and tape.

Finding it hard to believe such precise figures, Hart carefully rechecked all readings and computations, employing an IBM electronic computer in Ann Arbor, Michigan. Data was telegraphed to the computer center and average figures were returned the following day. Everything checked out correctly and the results were proven to be true.

"WHILE the geodimeter would be of little value in measuring a house lot," explains Hart, "no one in average surveys, over difficult terrain and across lakes, opens up a new era of accuracy which before obtainable." It saves a lot of money from the original Government survey of Florida when a group of two or three bathyspheres, lying off the coast and using a magnetic compass with hand-wrought "yokes," marked out the original section corners in the area.

BASICALLY, a Geodimeter is an extremely accurate distance-measuring instrument which uses a beam of light shot from the instrument to a distant reflector which bounces it back to a receiver in the instrument which automatically registers the distance. Corrections for temperature and pressure make its readings even more precise. No plodding crew, dragging a measuring "chain" is necessary, although lines of sight must sometimes be cut through wooded areas.

So precise is this instrument that the ordinary surveyor's transit is not considered accurate enough to measure the angles involved. Hart's purchase of a much more costly Theodolite was thus necessary. Theodolites are used extensively in lining up and launching missiles at nearby Cape Kennedy.

The Orlando Sentinel
July 4, 1965



"So I took a deep breath and ordered a Geodimeter," said Hart, "and then realized that to use it correctly, I would also have to have a Theodolite instead of a transit."



Orlando Sentinel

Land Sales...Building News
Area Business

SECTION B

Sunday

July 4, 1965

Real Estate-Financial

'Space Age' Devices Set Surveying Record

size.

TO THE AMAZEMENT of Hart and other engineers in the area, however, the error of closure was found to be only .13 foot in one direction and .20 foot in the other — a total error of approximately two inches! This is ten times more precise than the finest work resulting from the best methods utilizing conventional equipment — transit and tape.

Finding it hard to believe such precise figures, Hart carefully rechecked all readings and computations, employing an IBM electronic computer in Ann Arbor, Michigan. Data was telegraphed to the computer center and acreage figures were returned the following day. Everything checked out correctly and the results were proven to be true.

Mid-W of 6

Plat Book 70
Page 131
Recorded 12-12-07

See Resolution County Comm. Recorded, April 19, 1966 in
O.R. Book 1535, Page 531, Vacating All of Section
7-24-28 (except Lot 88)

See Resolution by County Commissioners Recorded
11/27/91 in O.R. 4349, Page 5, 1995, 1900, Vacating a
portion of Plat. See O.R. Exhibits.

Munger

SEE, DATED NOVEMBER 23, 1971, BEGINNING THE FOLLOWING TO ACRES: & THE
STREETS & ALLEYS SHOWN ON SAID PARTIAL OF PLAT HEREBY ARE VACATED.
LOTS 80 (CALL THE N. 157 FT.), 111 (CALL THE N. 157 FT.), 112 (CALL THE N. 157 FT.)
OR THE 6120 FT.) 113, 117 & 115 (33-27-AP

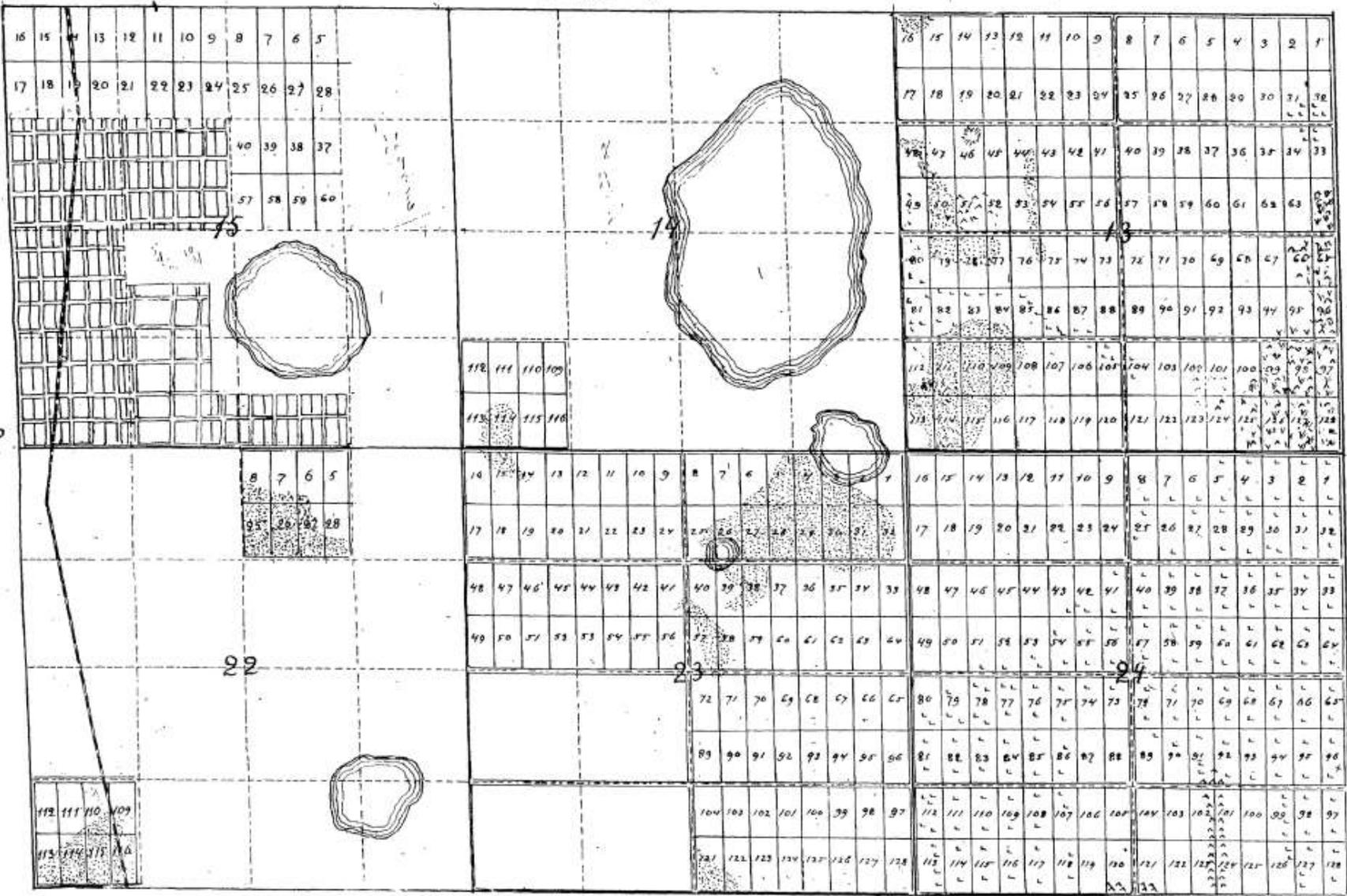
SEE RESOLUTION BY COUNTY COMMISSIONERS
RECORDED 1/19/94 IN O.R. BOOK PAGE 4577 VACATING
AND ABANDONING A PORTION OF PLAT. SEE O.R.
FOR DETAILS.

SEE LAKES EYE PHASE I PLAT 29 (PAGES) REQUIRING
A PORTION OF PLAT.

SEE RESOLUTION COUNTY COMM. RECORDED JUNE 3, 1960 IN O.R. BOOK
744 PAGE 23, CLOSING, VACATING & ABANDONING NORTH 35 FEET
OF LOT 6. SEC. 13-24-28.

118-119
of Plat.

TOWNSHIP
XXIV



- Legend
- Bay
 - Cypress
 - Swamp
 - Scrub
 - Muck
 - Prairie
 - Sandpit

SEE RESOLUTION COUNTY COMM. RECORDED JUNE 3, 1960
IN O.R. BOOK 744, PAGE 23, CLOSING EASEMENT OVER THE RANGE

SEE RESOLUTION COUNTY COMM. O.R. BOOK 2103.
Page 850. DATED AUGUST 16, 1971. Closing all the

The Price and Location of THE MUNGER FARMS

Make them Ideal Homes or Investments.

Have you selected yours? If not use the following Application:

MONTHLY PAYMENT APPLICATION.

WILLIS R. MUNGER, 517 Francis St., St. Joseph, Mo.

Dear Sir: Find enclosed \$..... as first payment by me on a.....
acre Munger Farm in Orange County, Florida. I agree to make further
monthly payments, as per your schedule, until my farm has been paid for.
The price is to be \$20 per acre, without interest or extra charges of any
kind, and you will guarantee title and pay all taxes until I have completed
my payments.

In making remittances, please follow the schedule given here:

\$ 5.00 cash and \$ 5.00 per month buys a five-acre farm.

10.00 cash and 7.00 per month buys a ten-acre farm.

20.00 cash and 10.00 per month buys a twenty-acre farm.

40.00 cash and 20.00 per month buys a forty-acre farm.

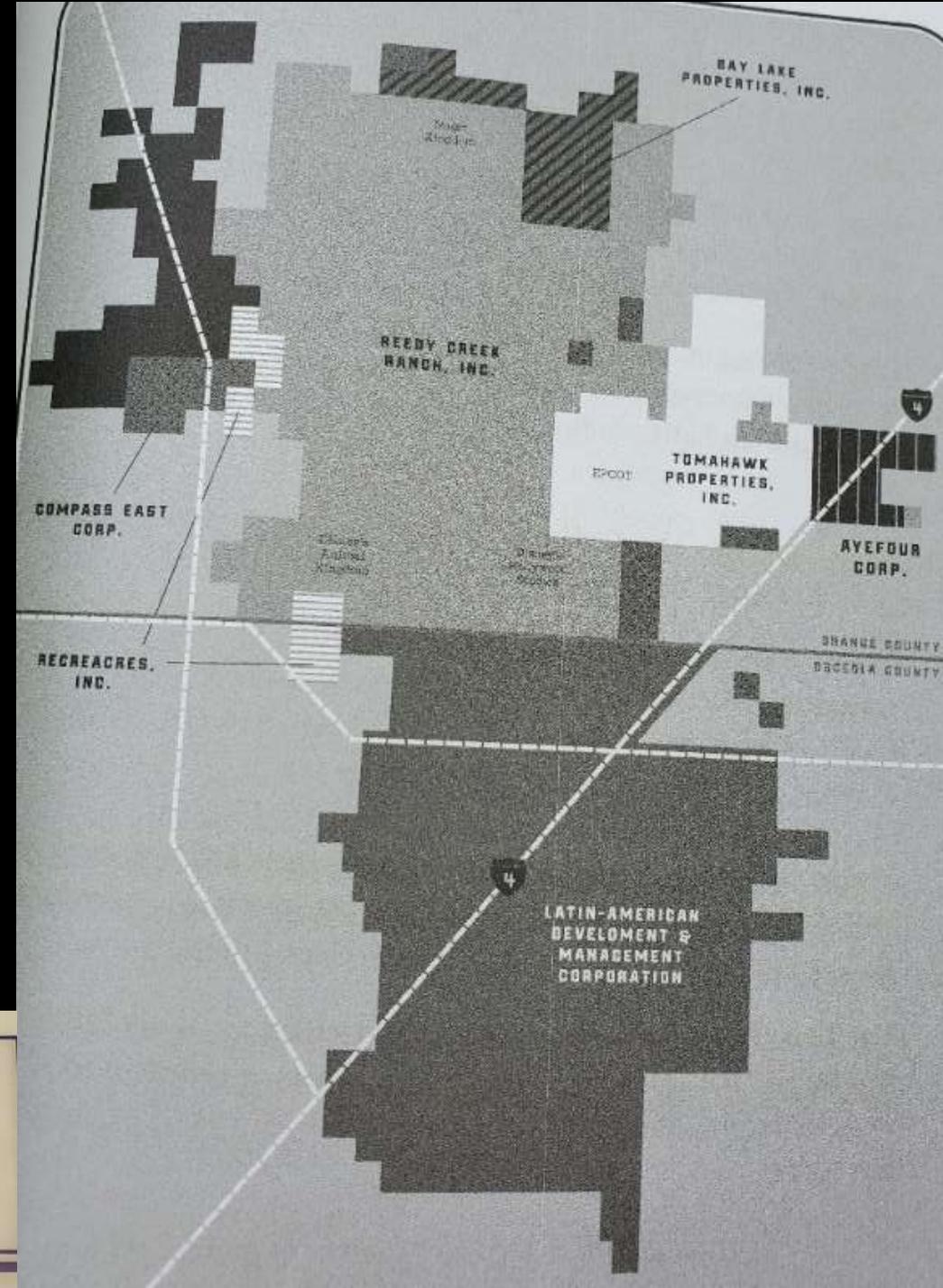
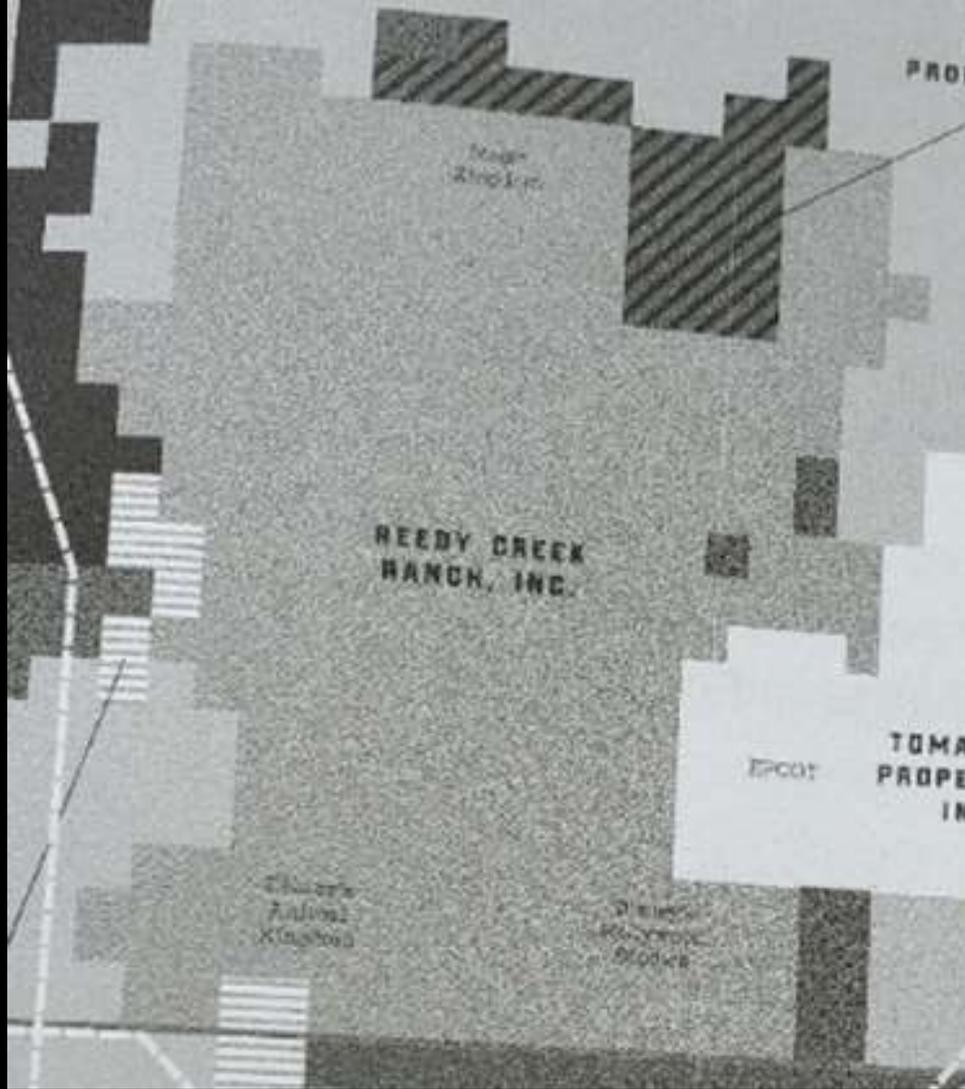
You are given immediate possession without signing further agreements
as soon as you have made a single payment on your farm.

Name.....

Address.....

Or call on LEN J. MUNGER, the Orlando Representative,
Office With C. S. McEwen, 3 Doors South of Postoffice.

Demetree Parcel



CERTIFIED CORRECT

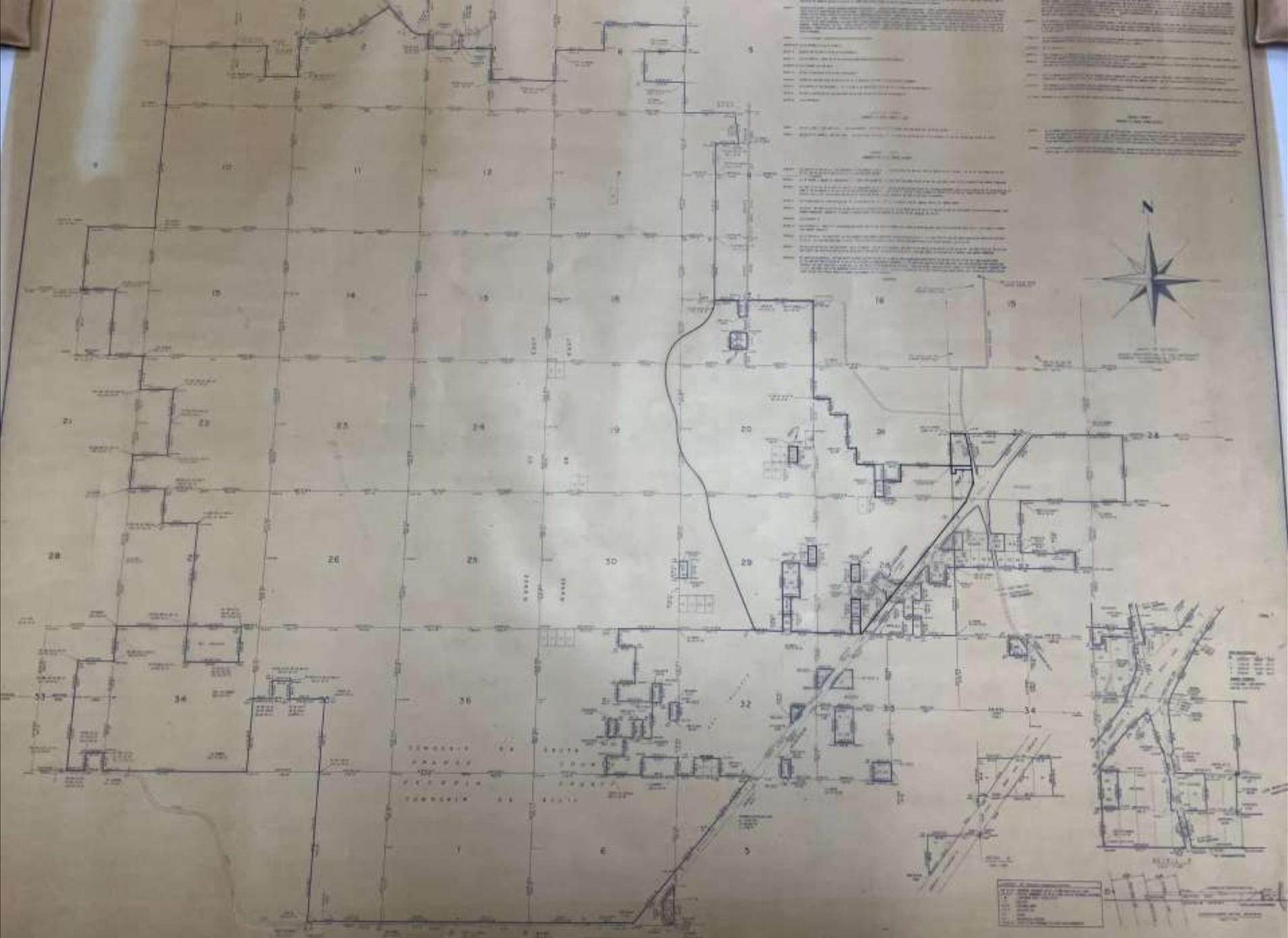
Wm C Hart

FLA. REG. NO. 890

PLAT OF SURVEY

COMPASS EAST LANDS
NORTH OF STATE ROAD 530

LYING IN ORANGE AND OSCEOLA COUNTIES — FLORIDA



SECTION 1
SECTION 2
SECTION 3
SECTION 4
SECTION 5
SECTION 6
SECTION 7
SECTION 8
SECTION 9
SECTION 10
SECTION 11
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SECTION 25
SECTION 26
SECTION 27
SECTION 28
SECTION 29
SECTION 30
SECTION 31
SECTION 32
SECTION 33
SECTION 34
SECTION 35
SECTION 36





BASIS OF BEARING:
SOLAR OBSERVATION AT THE SOUTHEAST
CORNER OF SECTION 18, T 24 S, R 28 E.
DECEMBER 24, 1964

BASIS OF BEARING:
SOLAR OBSERVATION AT THE SOUTHEAST
CORNER OF SECTION 18, T 24 S, R 28 E.
DECEMBER 24, 1964

LK. 36
R. FLA.

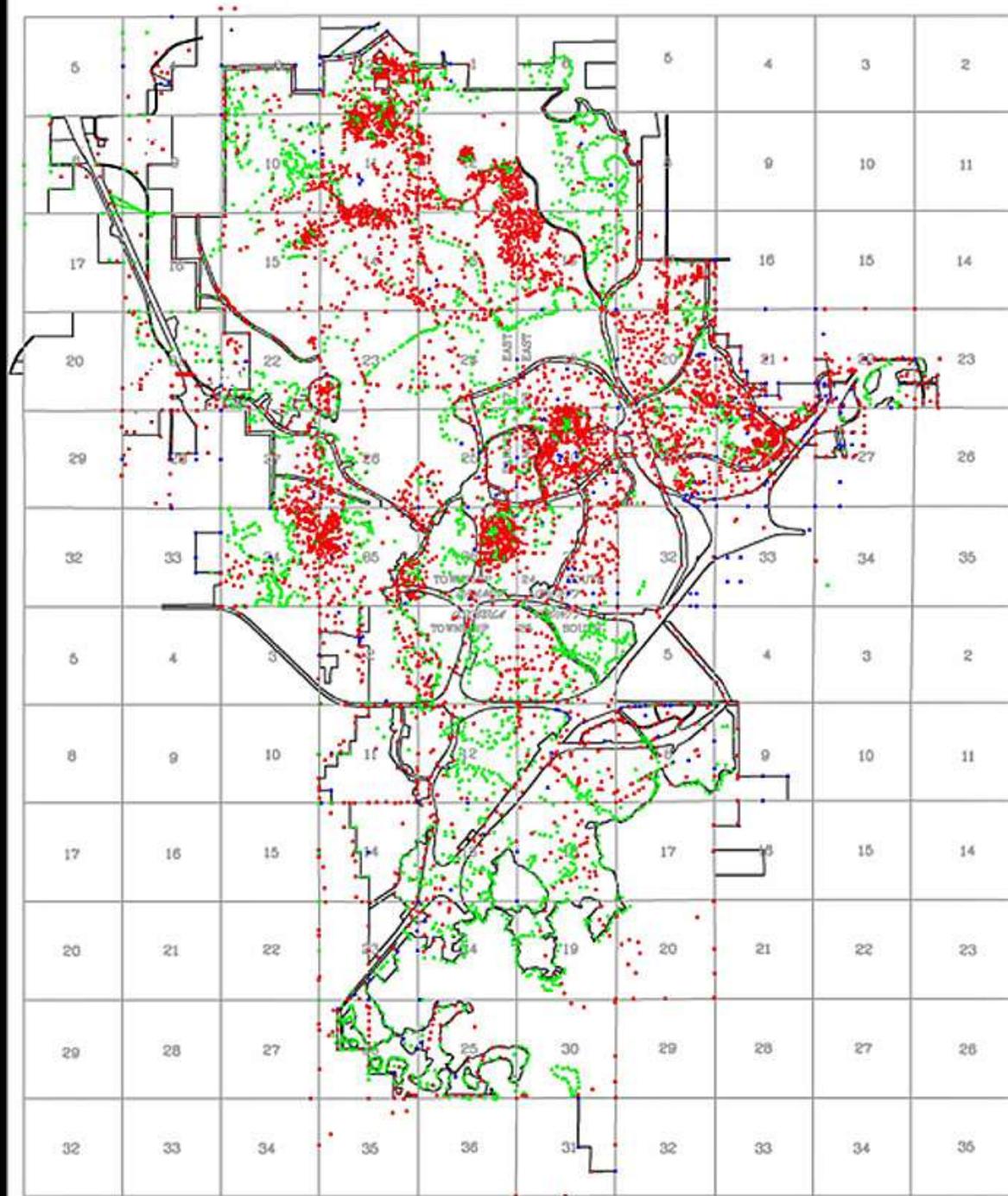
N 88° 18' 34" E

2657.77

CM 6 X 6

CM 6 X 6

Walt Disney World Control Network





Walt Disney, General William "Joe" Potter, Roy Disney
November 15, 1965 – Cherry Plaza Hotel, *Florida Archives*



Bill Hart, Walt Disney, General Potter, Roy Disney, Card Walker, Admiral Fowler



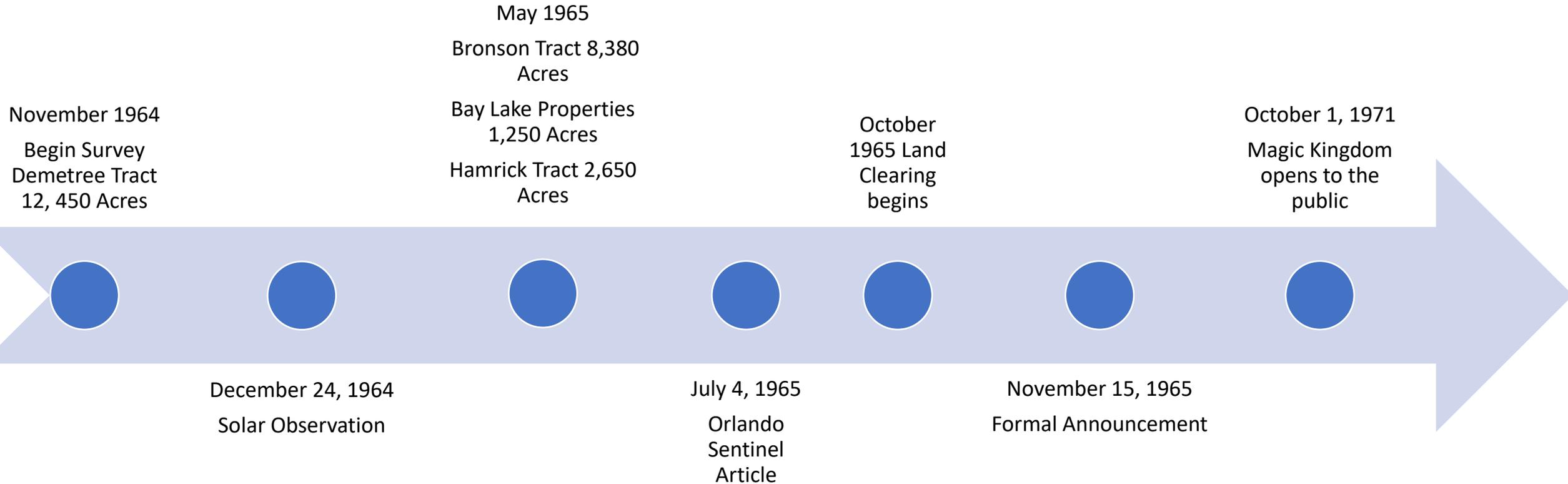
Magic Kingdom early construction (looking South-Seven Seas Lagoon at the top)



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"...Project Future is a compelling story that takes the reader on a fun ride back to the beginning of Walt Disney World."

Greg Eisner, ORC, A Consulting, Former Sr. VP Disney

PROJECT FUTURE

THE INSIDE STORY BEHIND
THE CREATION OF DISNEY WORLD

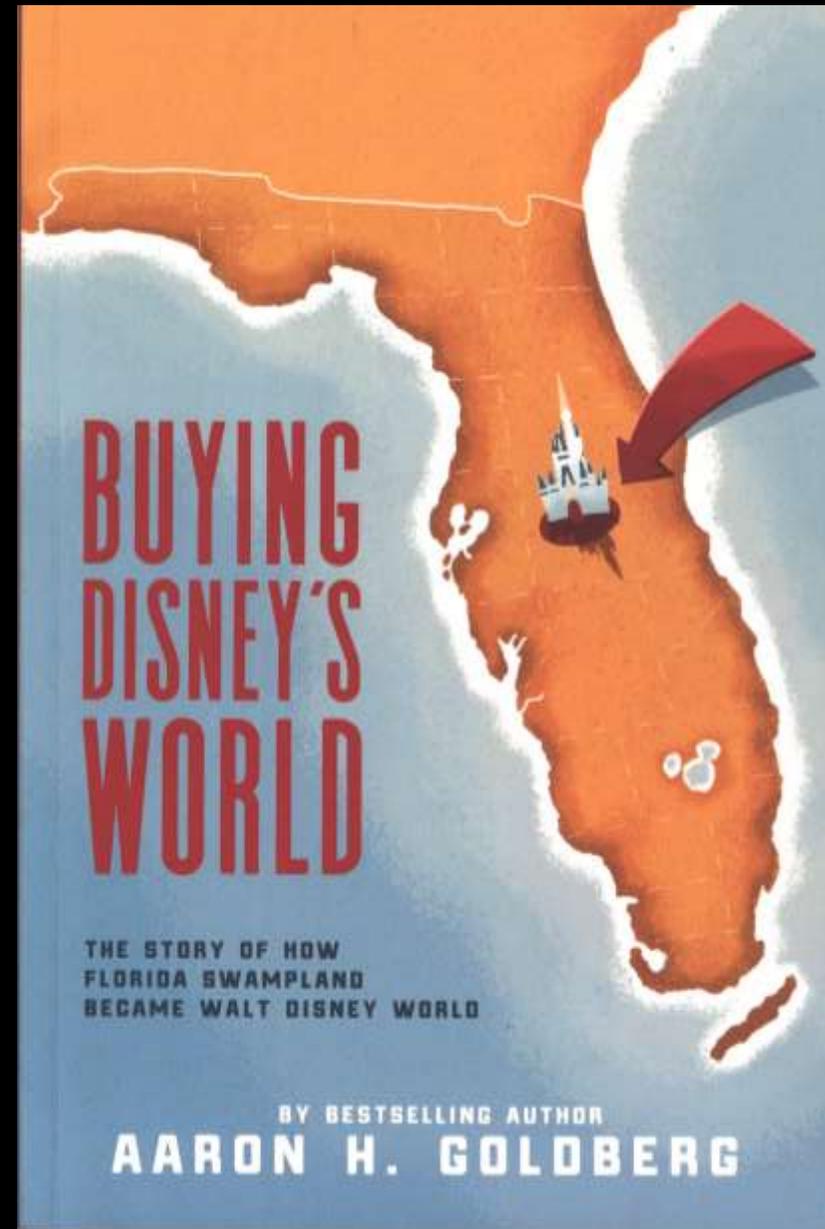
CHAD DENVER EMERSON

Foreword by Lee Cockerill

- The Walt Disney World Resort near Orlando, Florida is one of the world's most famous vacation destinations. This iconic resort is now located in what once was thousands of acres of swamp and marshland. Through spy-like moves and innovative strategies, Walt Disney and his cadre of creative leaders turned this massive swamp land into today's Disney World. This book shares the amazing behind the scenes story of how Disney's Florida resort, code-named Project Future, rose from the marshes of Central Florida to become one of the world's most popular theme park resorts.

- *Project Future*

- *As told through the personal notes and files from the key figures involved in the project....*
- *Buying Disney's World*



Additional Resources

- University of Central Florida, Robert Foster/RCID Collection
- Florida Archives (FloridaMemory.com)
- D23.com
- *Married to the Mouse, Walt Disney World and Orlando*, Richard E. Foglesong