

**LOCATION OF RESEARCH PLOTS
ESTABLISHED BY
THE DEPARTMENT OF FORESTRY
AND RURAL DEVELOPMENT,
SOUTHEASTERN MANITOBA: 1968 REVISION**

LIBRARY
DEPARTMENT OF FORESTRY
JUL 9 1968
WINNIPEG, MAN.

by
N. R. Walker
(revised by L. D. Nairn)

**FOREST RESEARCH LABORATORY
WINNIPEG, MANITOBA
INFORMATION REPORT MS-X-6,
1968 REVISION**

**FORESTRY BRANCH
JUNE, 1968**



LOCATION OF RESEARCH PLOTS ESTABLISHED BY
 THE DEPARTMENT OF FORESTRY AND RURAL DEVELOPMENT,
 SOUTHEASTERN MANITOBA - 1968 REVISION
 by
 N. R. Walker
 (revised by L. D. Nairn¹)

This is the first revision of the initial report published in 1967. A complete list of the sections wherein alterations, additions, or deletions have been made is presented. In order to facilitate the updating of the original report, replacement or new maps are provided. In addition, a completely revised set of the listing of research projects and plot locations is provided.

The plot location maps should be revised as follows:

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Revision Required</u>
1	12	27	replace
		28	add
		34	replace
1	13	8	replace
		9	add
		17	remove
2	11	4	remove
		26	replace
		28	replace
2	12	29	replace
		20	add
		21	remove
2	13	19	remove
		9	add
3	9	16	add
		17	add
		25	replace
3	11	34	remove
		7	add
		17	add
		20	add

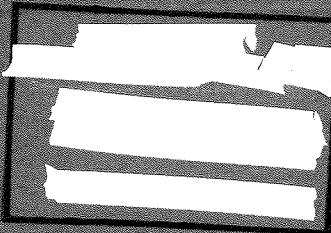
(con't.)

¹Liaison and Services Section, Canada Department of Forestry and Rural Development, Forestry Branch, Manitoba-Saskatchewan Region, Winnipeg, Manitoba.

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Revision Required</u>
3	12	29	remove
4	13	1	remove
		12	remove
5	9	1	remove
		3	replace
		15	replace
		25	replace
5	10	29	replace
		30	replace
		32	replace
7	10	8	replace
7	11	6	remove
7	13	18	replace
8	11	1	remove
		19	add

LOCATION OF RESEARCH PLOTS ESTABLISHED BY THE DEPARTMENT OF FORESTRY AND RURAL DEVELOPMENT, SOUTHEASTERN MANITOBA

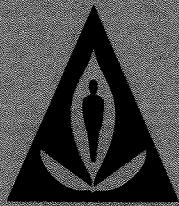
by
N. R. Walker



FOREST RESEARCH LABORATORY WINNIPEG, MANITOBA INFORMATION REPORT MS-X-6



**FORESTRY BRANCH
JULY, 1967**



Acknowledgement

The Department of Forestry and Rural Development wishes to acknowledge the continued interest, co-operation, and assistance of the Manitoba Department of Mines and Natural Resources in the establishment and protection of the research plots listed herein. Areas for research were generally selected in co-operation with provincial forestry personnel who often supervised or carried out logging operations as well as site preparations required for individual studies.

Thanks are also due the Department of Mines and Natural Resources for permission to include a copy of their road map of the Southeastern Region.

LOCATION OF RESEARCH PLOTS ESTABLISHED BY THE
DEPARTMENT OF FORESTRY AND RURAL DEVELOPMENT,
SOUTHEASTERN MANITOBA

by

N.R. Walker¹

This report shows the location of all permanent and semipermanent research plots established by the Canada Department of Forestry and Rural Development in southeastern Manitoba. Location maps have been prepared for each section in which a plot is located using a scale of one inch to 20 chains. Roads are indicated by parallel solid lines and trails by dashed lines. Provincial roads are designated by a numeral in parentheses, fireguard numbers appear without parentheses. A road map of the southeastern region prepared by the Manitoba Forest Service is included in a pocket on the back cover.

Each mapped section occupies a single page so that as projects are closed or new ones initiated, pages can be added to or removed from the report. The top right-hand corner of each map shows its location in order of township, range and section; these designations also constitute the page - numbering system of the report. Within each township maps are in order of range, then within each range in order of section.

The final part of the report shows a listing of each research project. The file number and title of the project, the name of the investigator, his section head, and the location of each plot in order of township, range, and section is given.

If logging activity or other disturbance is contemplated in the vicinity of a plot, it would be appreciated if the investigator or appropriate section head was notified. In most instances a two chain buffer strip around the plots would be desirable.

¹Technician (Forest Research), Canada Department of Forestry and Rural Development, Forestry Branch, Manitoba-Saskatchewan Region, Winnipeg, Manitoba.

Twp. 1

I-II - Sec. 23

+ MS-213

+ 130

Scale: 1 inch = 20 chains

I-II - Sec. 27

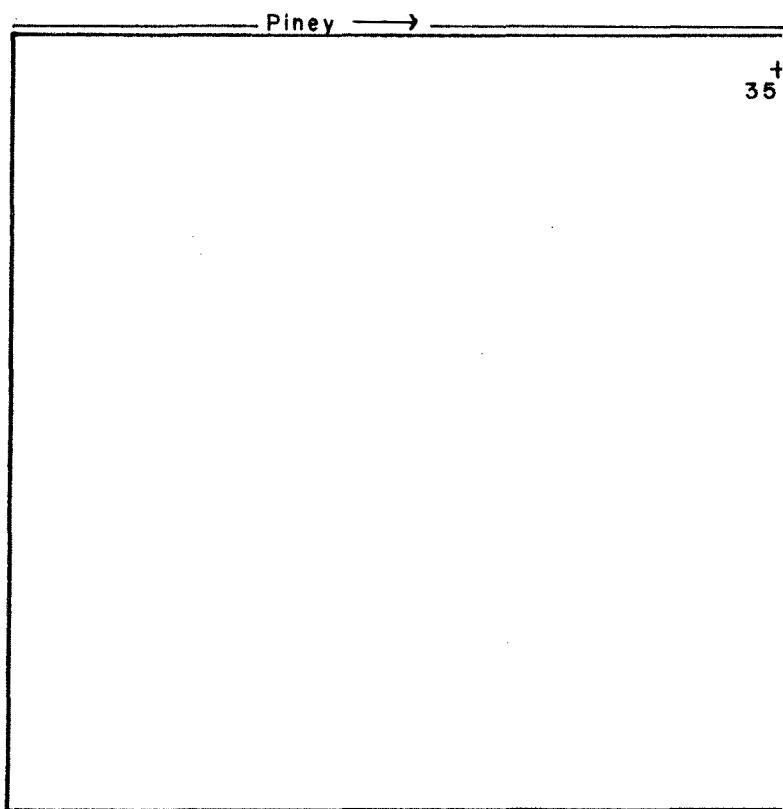
+ MS-213

+ II4

Scale: 1 inch = 20 chains

I-II-Sec. 31

+ MS-213



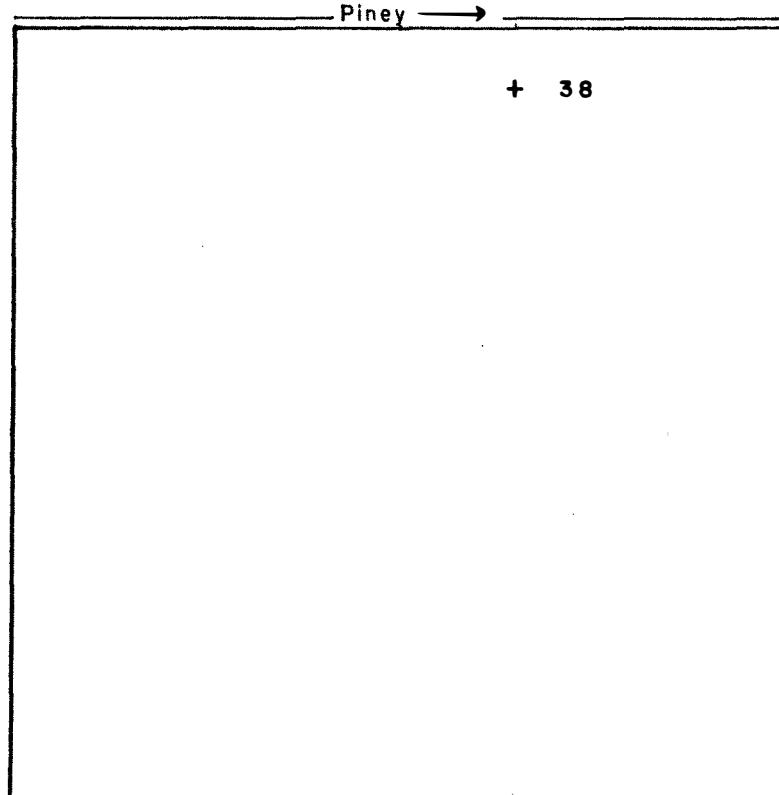
Scale: 1 inch = 20 chains

I-II - Sec. 32

+ MS-213

Piney →

+ 38



Scale: 1 inch = 20 chains

| - || - Sec. 33

+ MS - 213

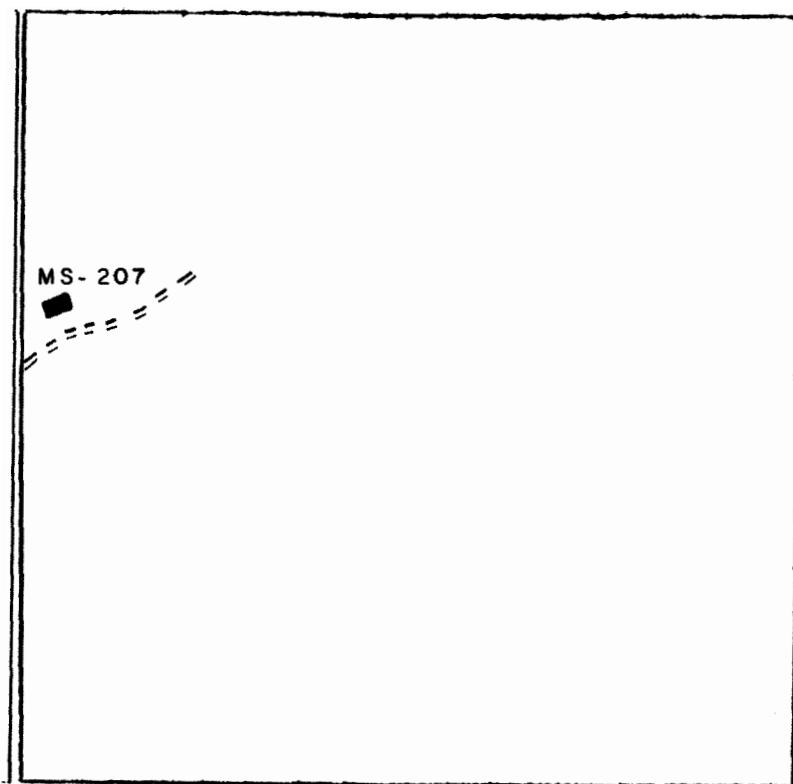
(201)

+ 36

+ 37

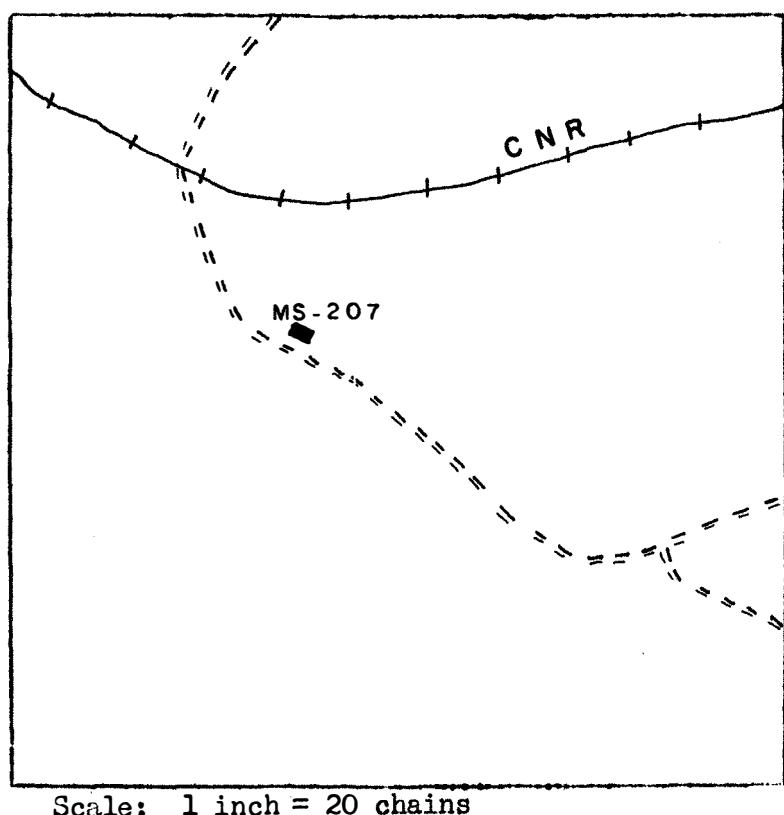
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I-12 - Sec. I2

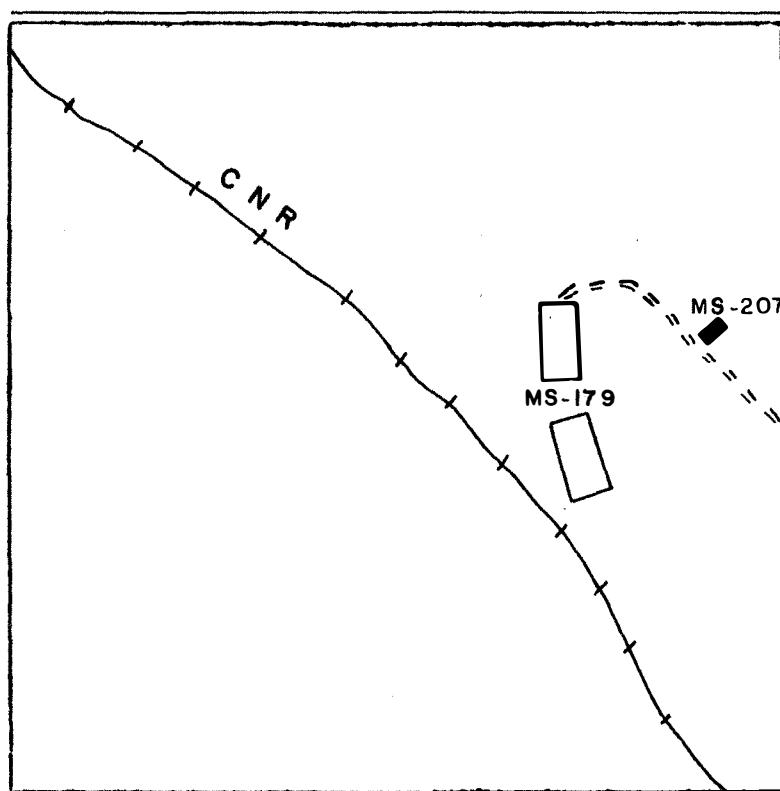


Scale: 1 inch = 20 chains

I-12 - Sec. 14

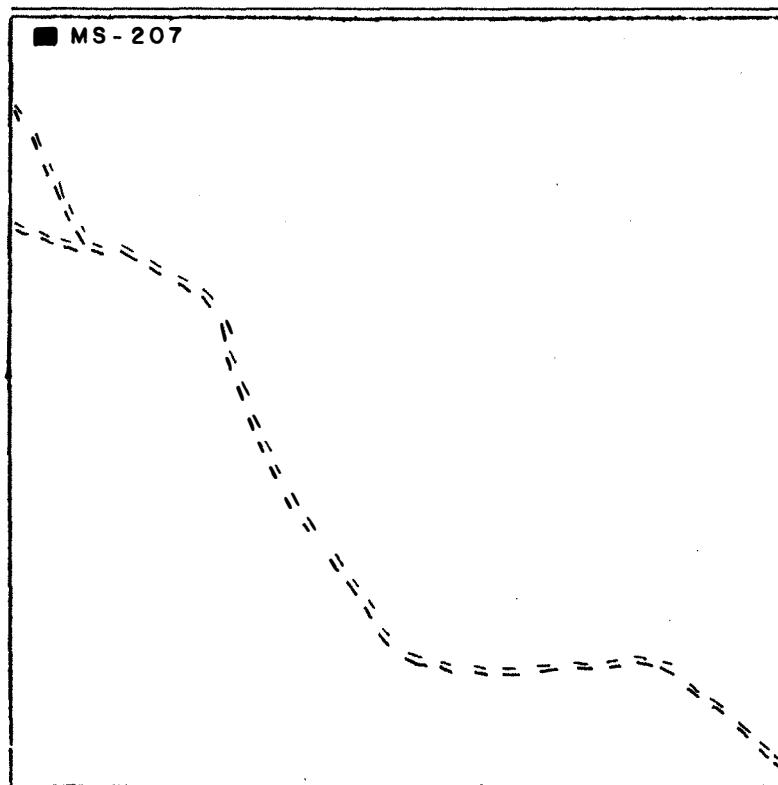


I-12 - Sec. 22



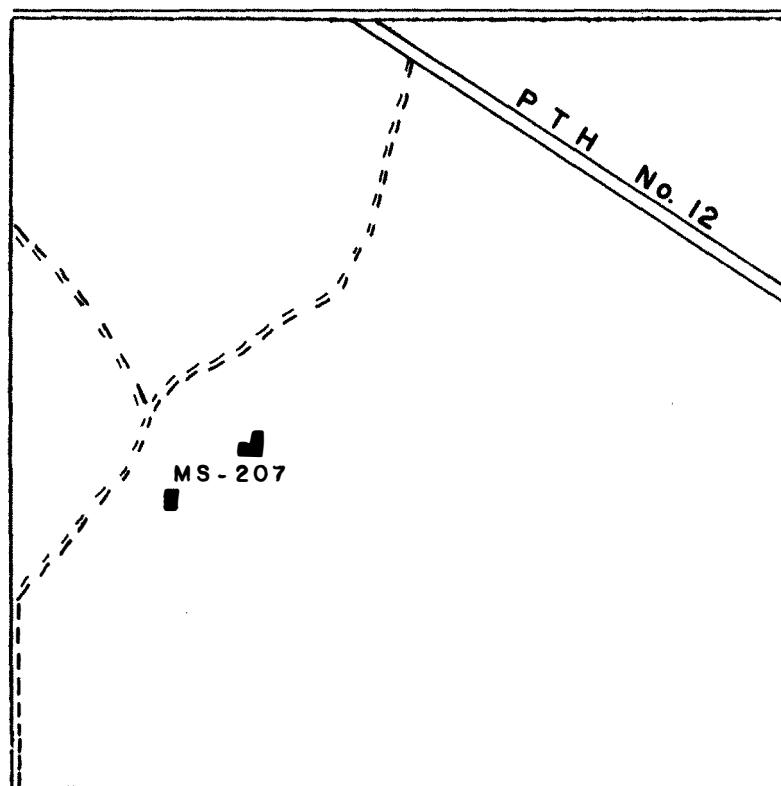
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I-12 - Sec. 24



Scale: 1 inch = 20 chains

I-12- Sec. 25

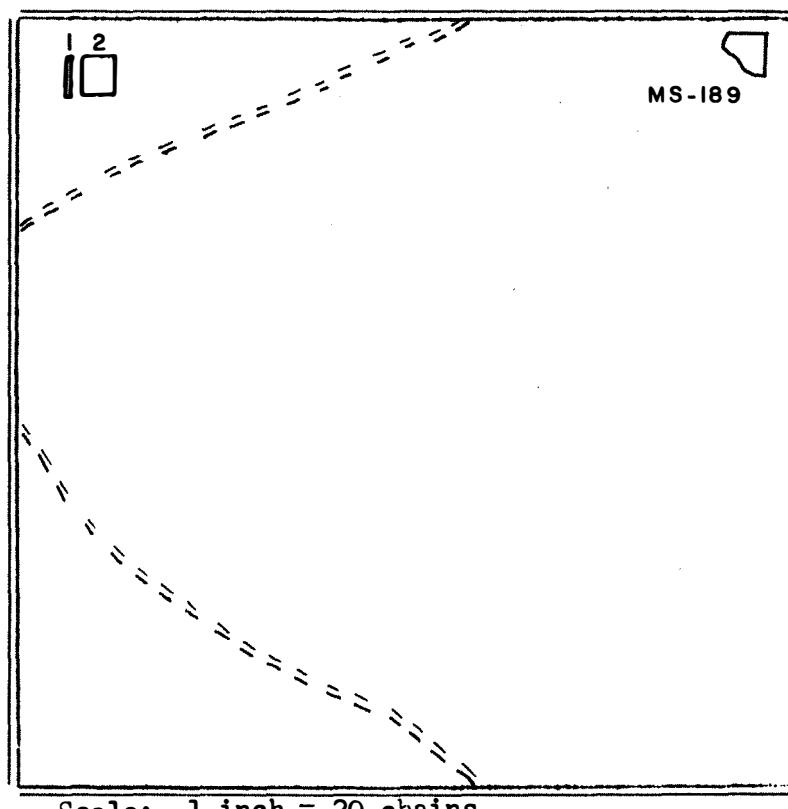


Scale: 1 inch = 20 chains

I-12 - Sec. 26

2 MS - 506

1 MS - 237



I-12-Sec.27

+ MS-213

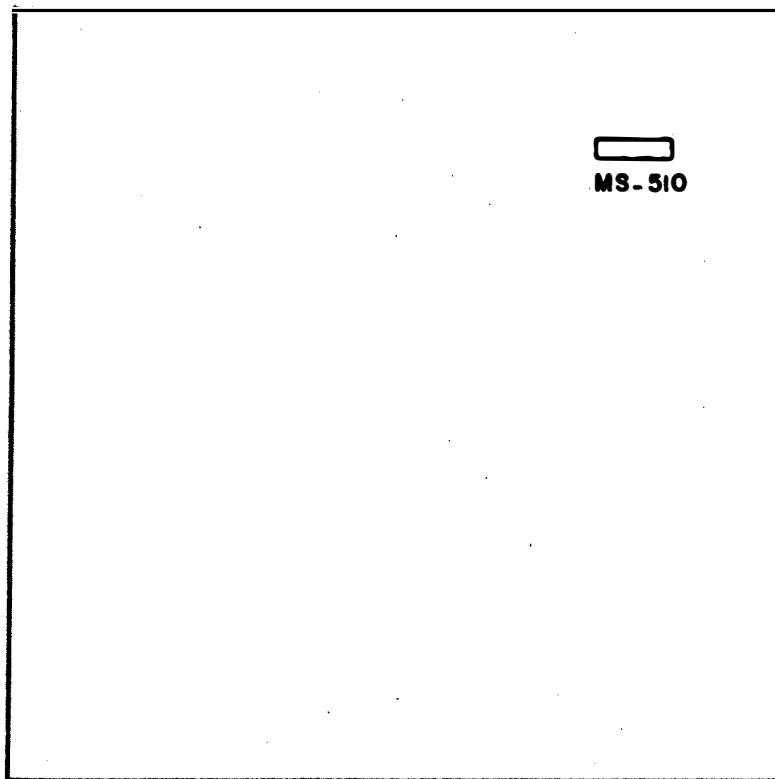


MS-508

+ 117

Scale: 1 inch = 20 chains

I-I2-Sec.28



MS-510

Scale: 1 inch = 20 chains

1-12-Sec. 34

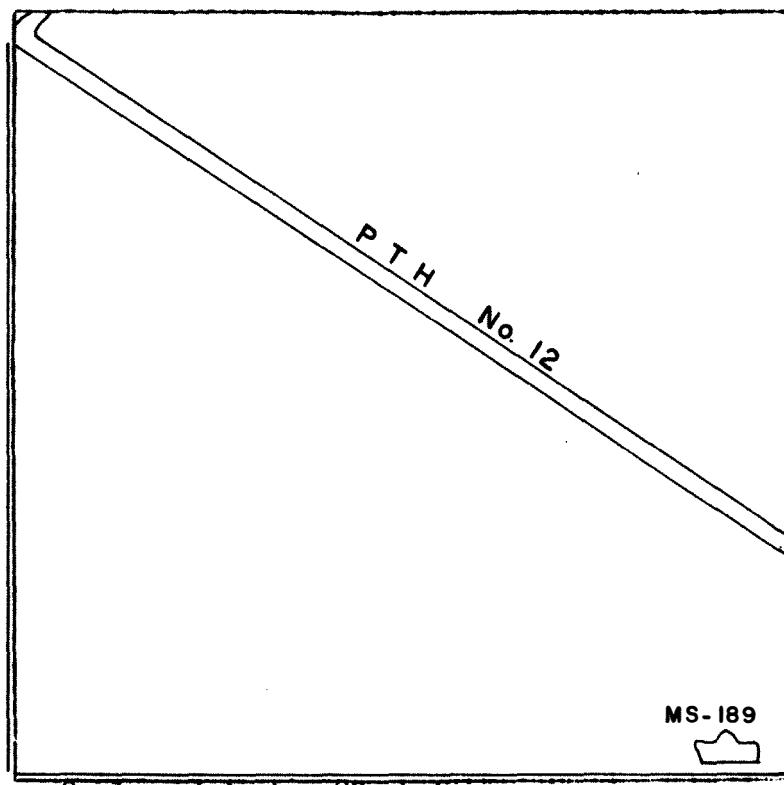
+ MS-213

PTH No. 12

+ 137

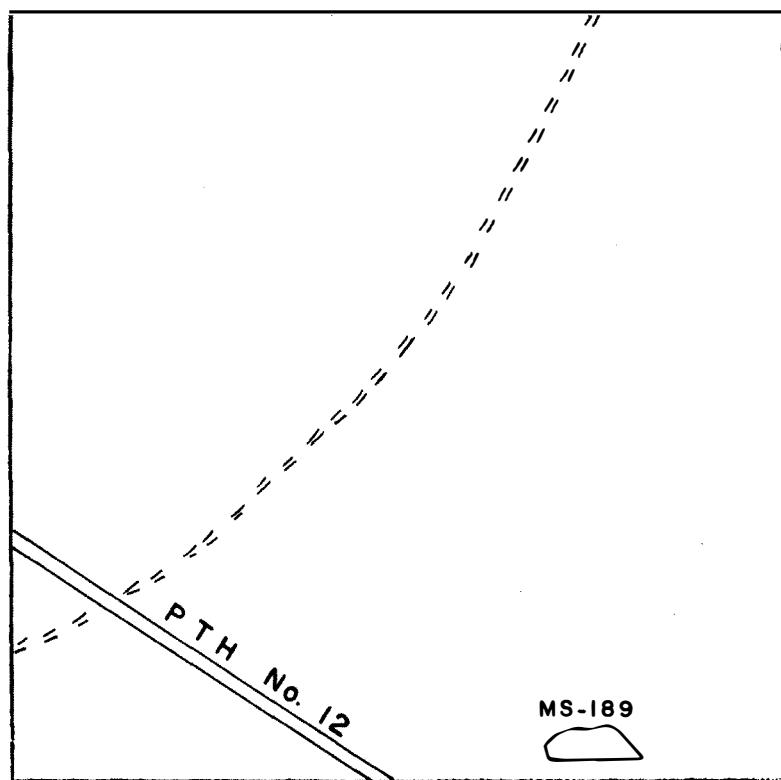
Scale: 1 inch = 20 chains

1-12 - Sec. 35



Scale: 1 inch = 20 chains

I-12-Sec. 36



Scale: 1 inch = 20 chains

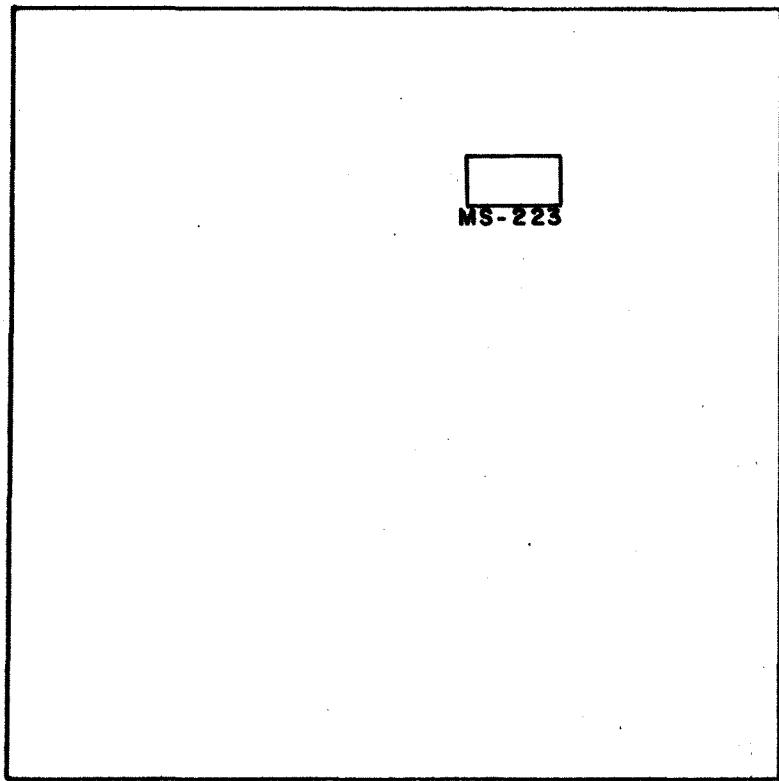
1-13-Sec. 1

+ MS-213

+ 125

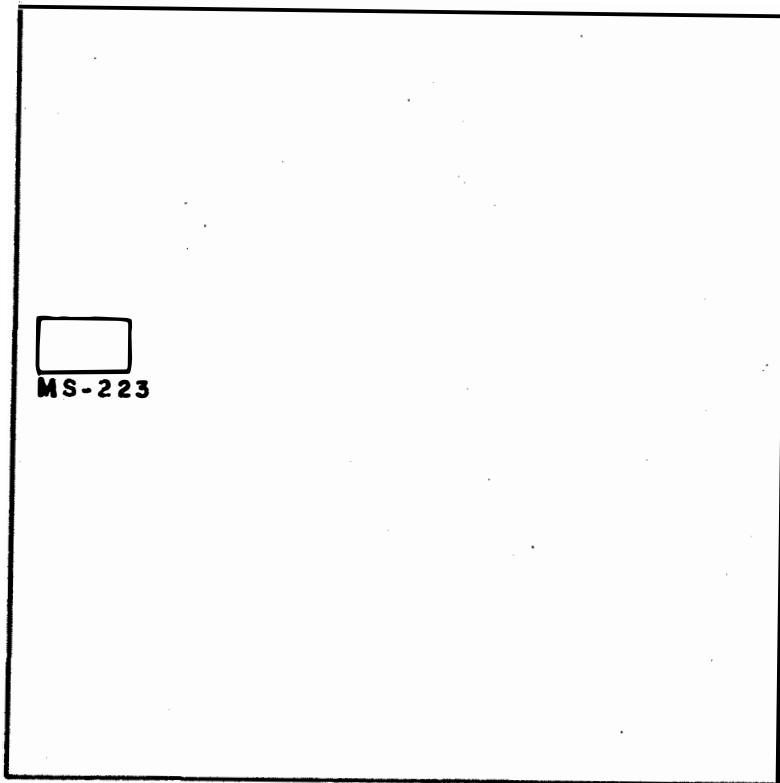
Scale: 1 inch = 20 chains

I-13-Sec. 8



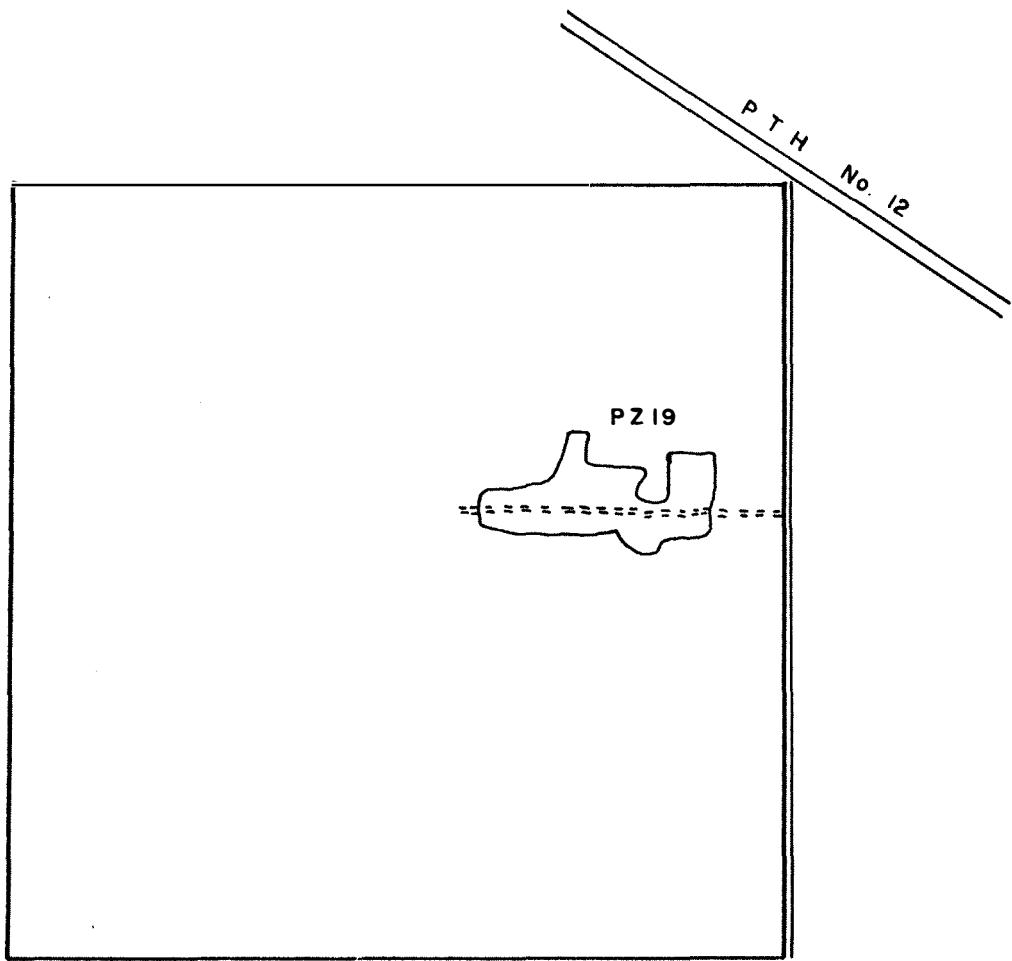
Scale: 1 inch = 20 chains

1-13-Sec. 9



Scale: 1 inch = 20 chains

I-13-Sec. 19



Scale: 1 inch = 20 chains

1-13-Sec. 24

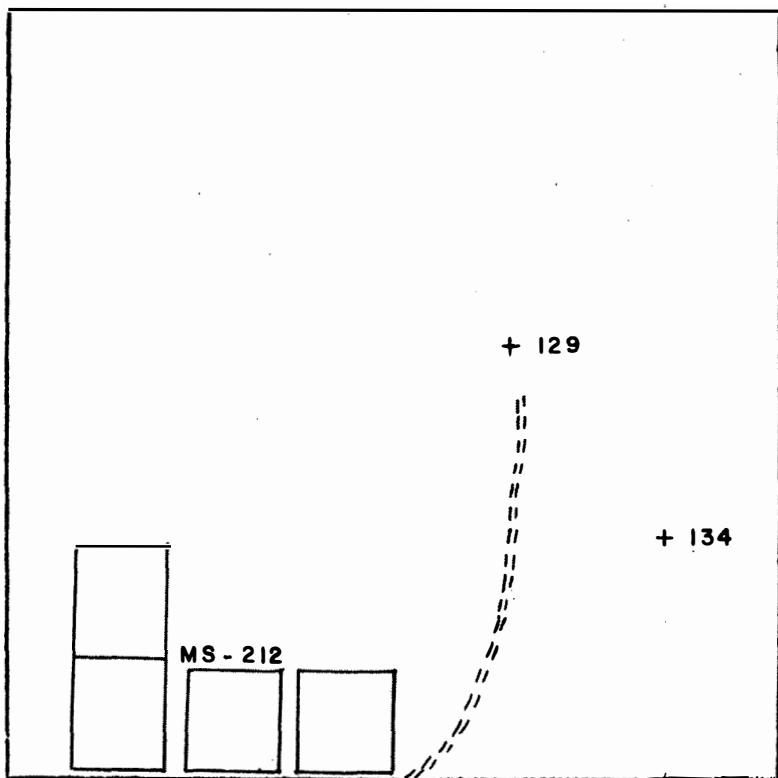
+ MS-213

+ 65

Scale: 1 inch = 20 chains

I-13-Sec. 25

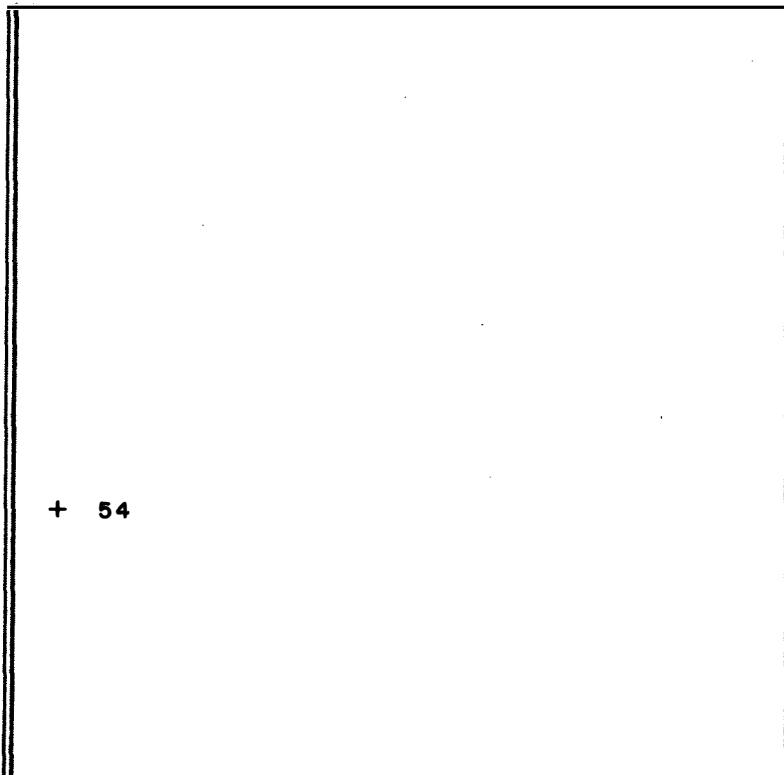
+ MS - 213



Scale: 1 inch = 20 chains

I-13 - Sec. 29

+ MS - 213

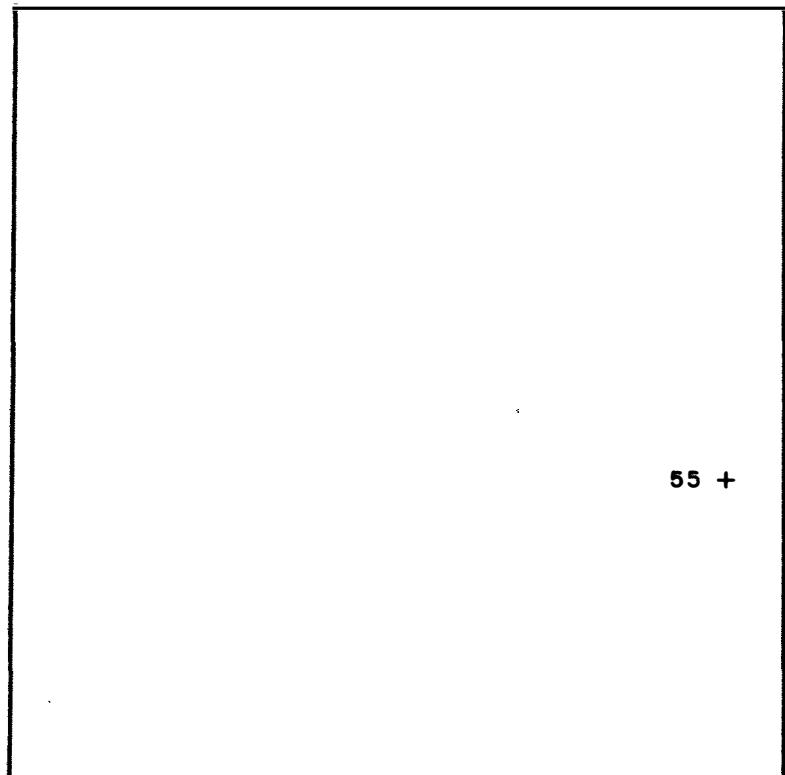


+ 54

Scale: 1 inch = 20 chains

1-13 - Sec. 30

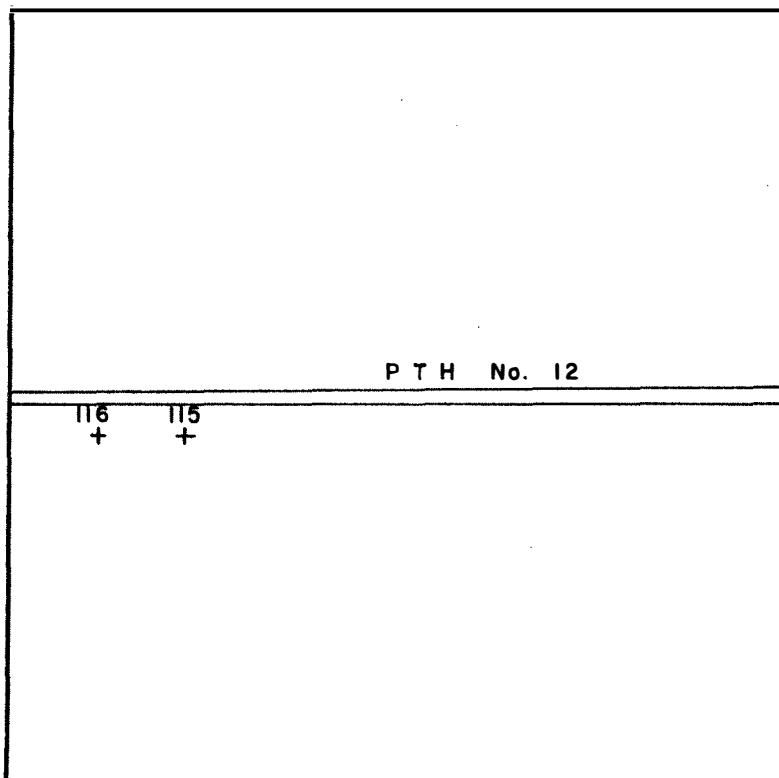
+ MS - 213



Scale: 1 inch = 20 chains

I-14-Sec. 10

+ MS-213



Scale: 1 inch = 20 chains

I-14 - Sec. 19

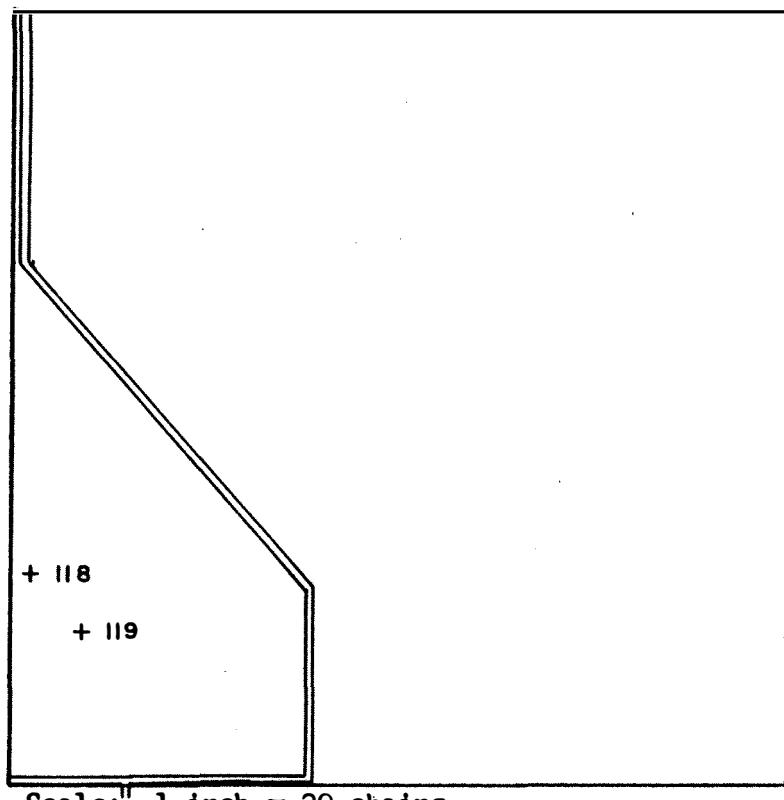
+ MS-213

+ 56

Scale: 1 inch = 20 chains

I-14 - Sec. 22

+ MS - 213



Twp. 2

2-10-Sec. 9

+ MS-213

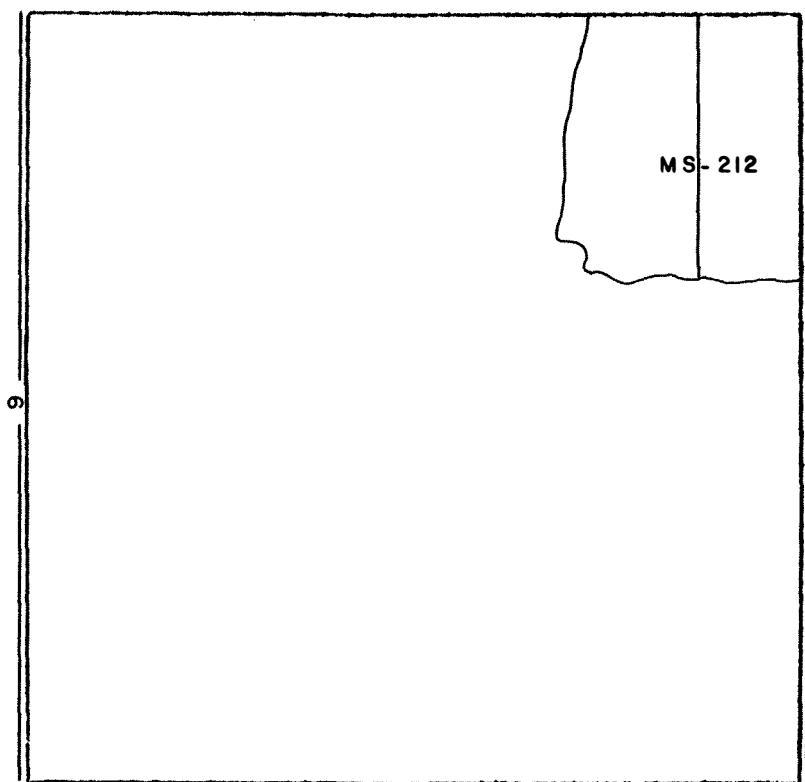
+ 33

+ 34

+ 32

Scale: 1 inch = 20 chains (201)

2-II-Sec. 7



Scale: 1 inch = 20 chains

2-II-Sec. 8

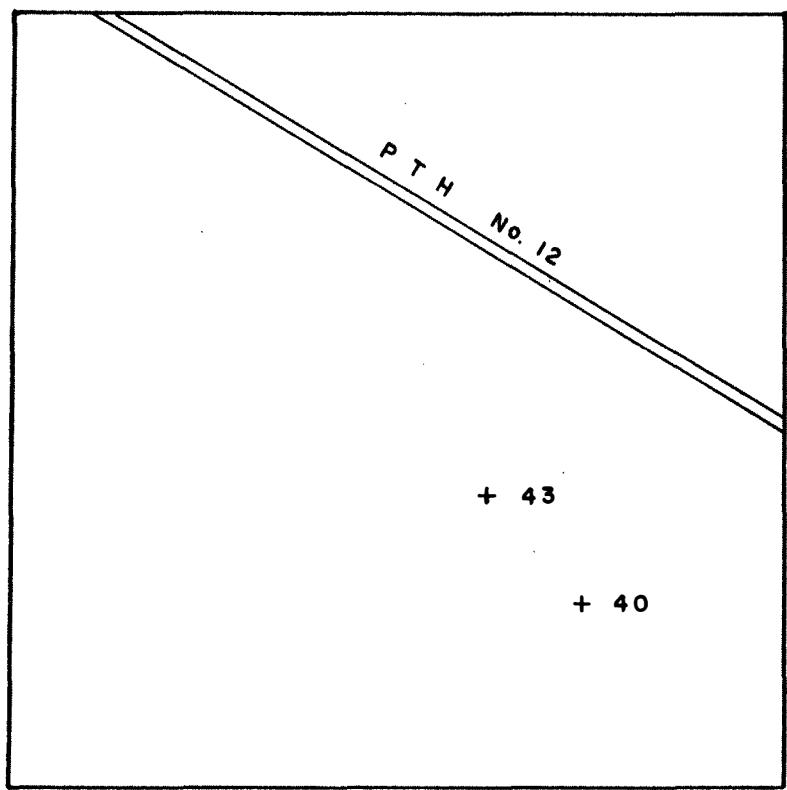
+ MS-213

+ 41

Scale: 1 inch = 20 chains

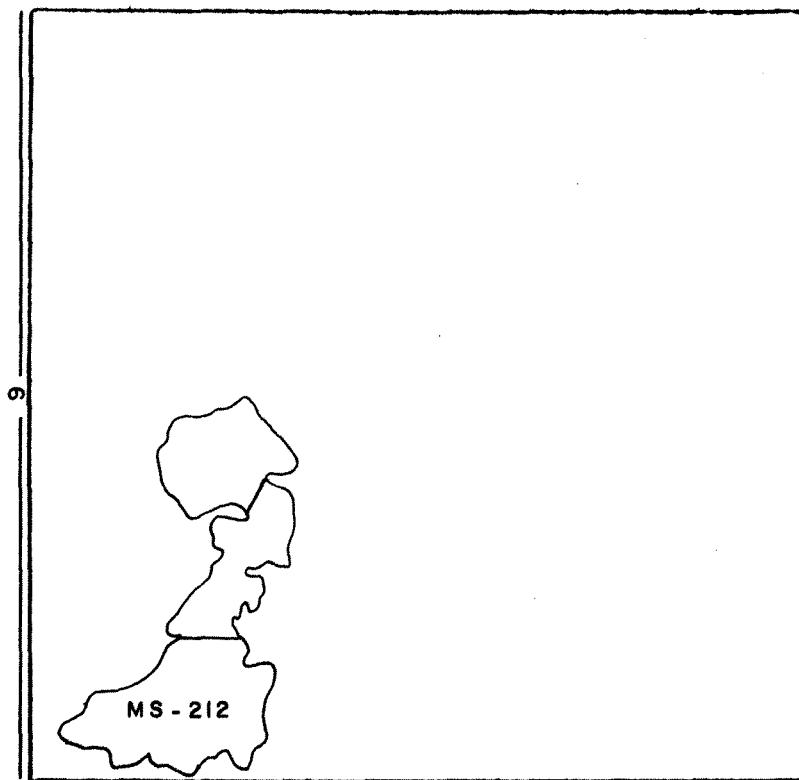
2-II- Sec. 17

+ MS-213



Scale: 1 inch = 20 chains

2-11-Sec. 18



Scale: 1 inch = 20 chains

2-II- Sec. 20

+ MS-213

+ 45

Scale: 1 inch = 20 chains

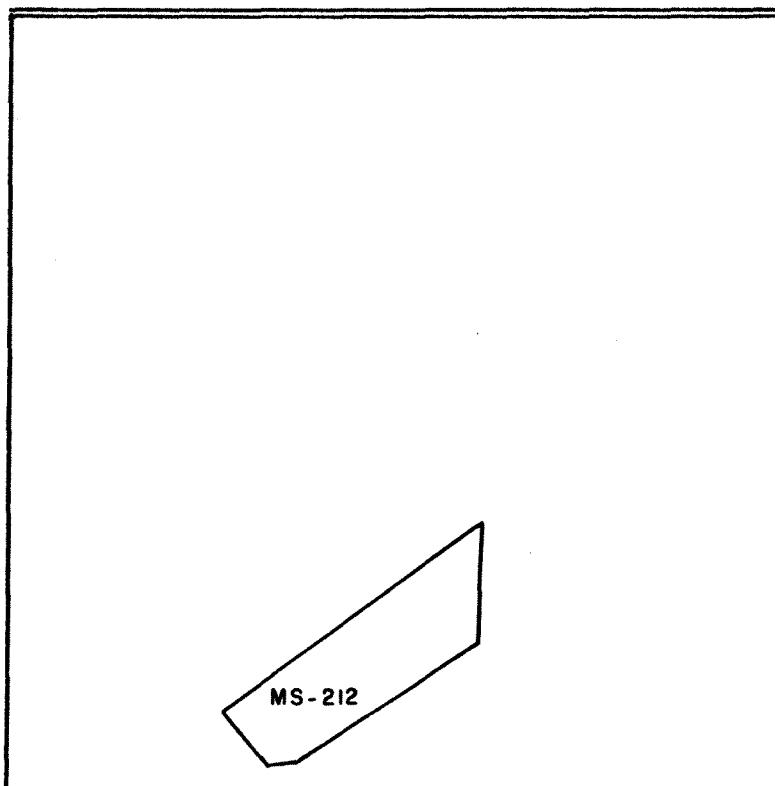
2-II-Sec. 21

+ MS-213

+ 44

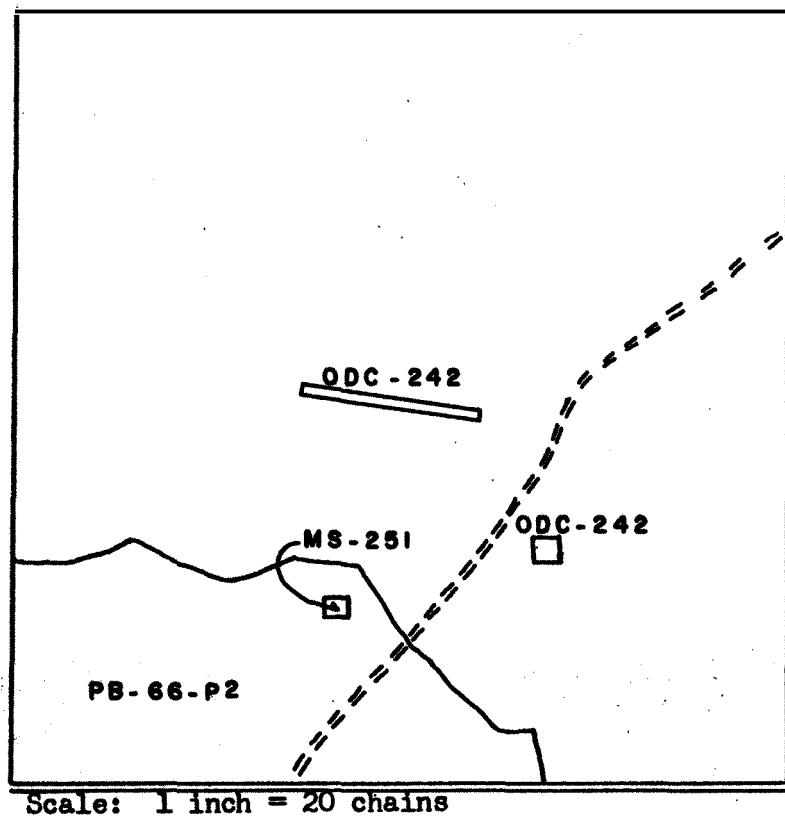
Scale: 1 inch = 20 chains

2-II - Sec. 22

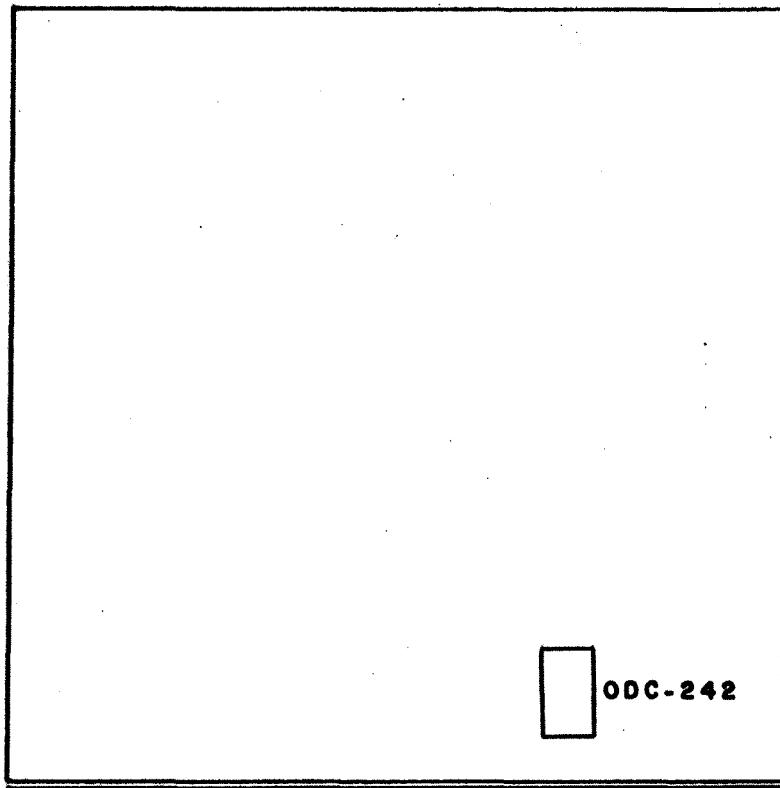


Scale: 1 inch = 20 chains

2-II-Sec.26



2-II-Sec.28



Scale: 1 inch = 20 chains

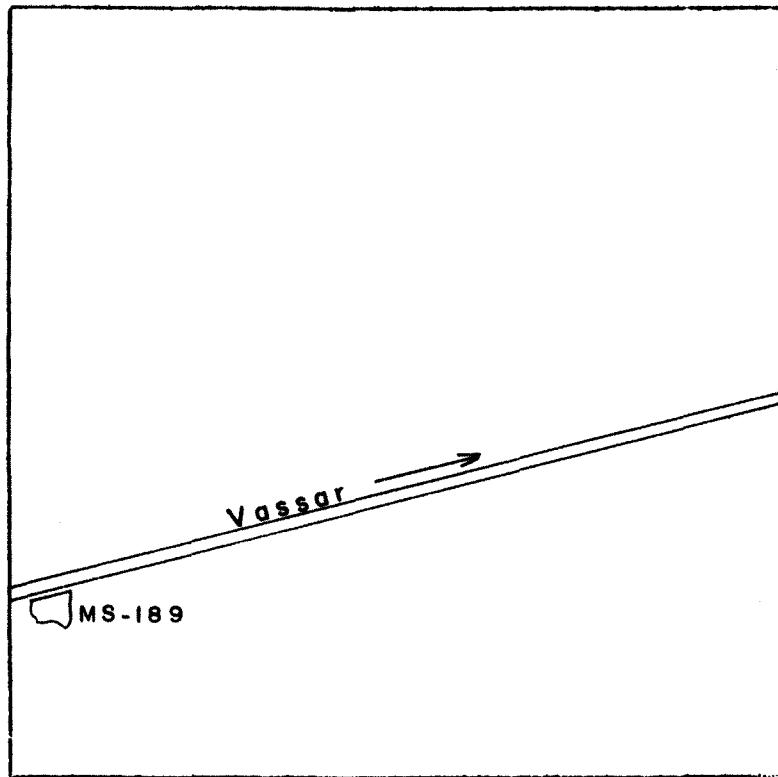
2-II-Sec.29

+ MS - 213

+ 46

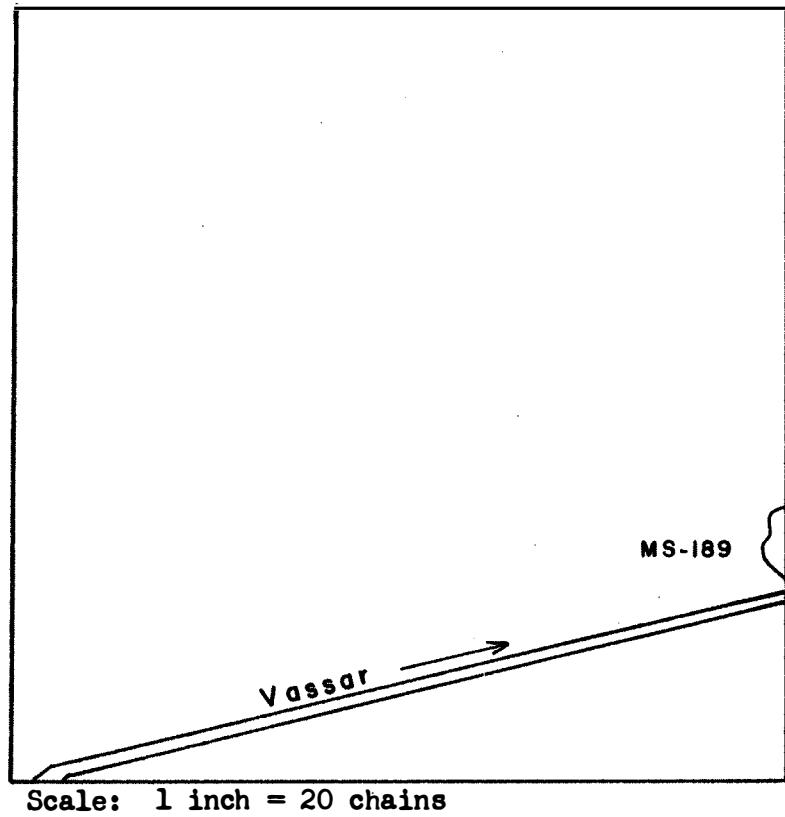
Scale: 1 inch = 20 chains

2-12-Sec. I

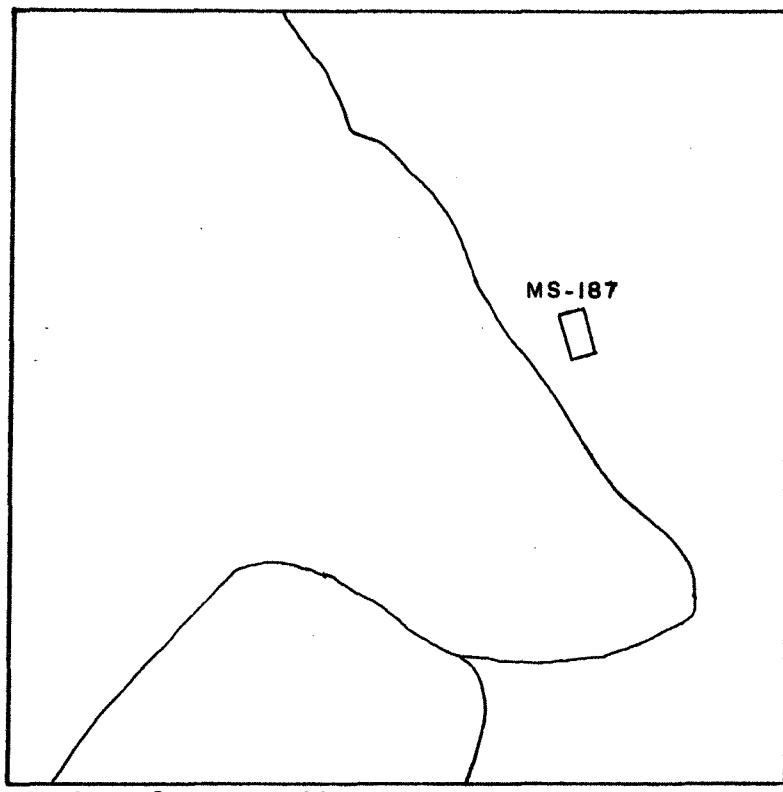


Scale: 1 inch = 20 chains

2-12-Sec. 2

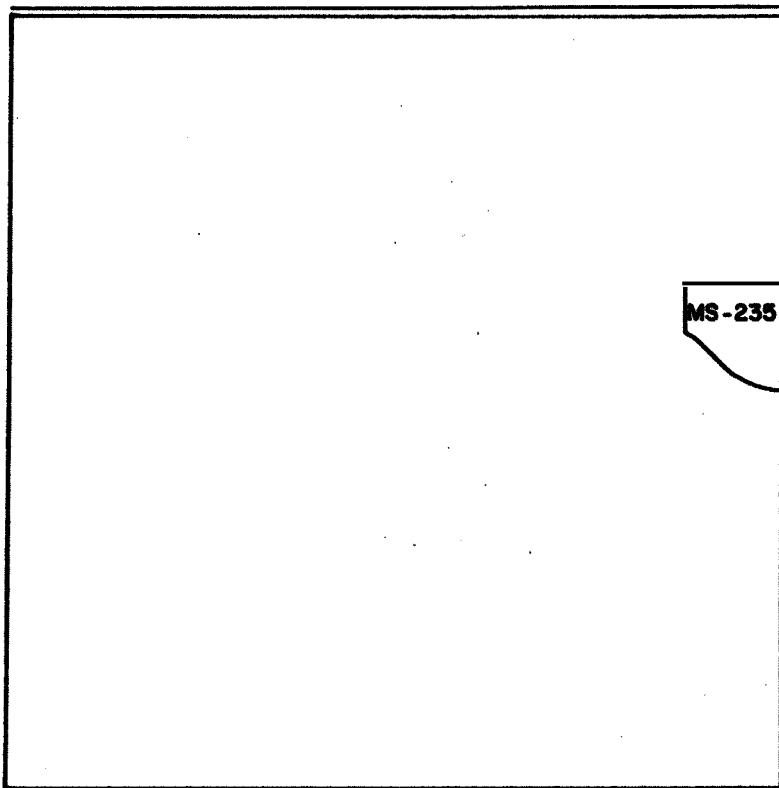


2-12-Sec.14



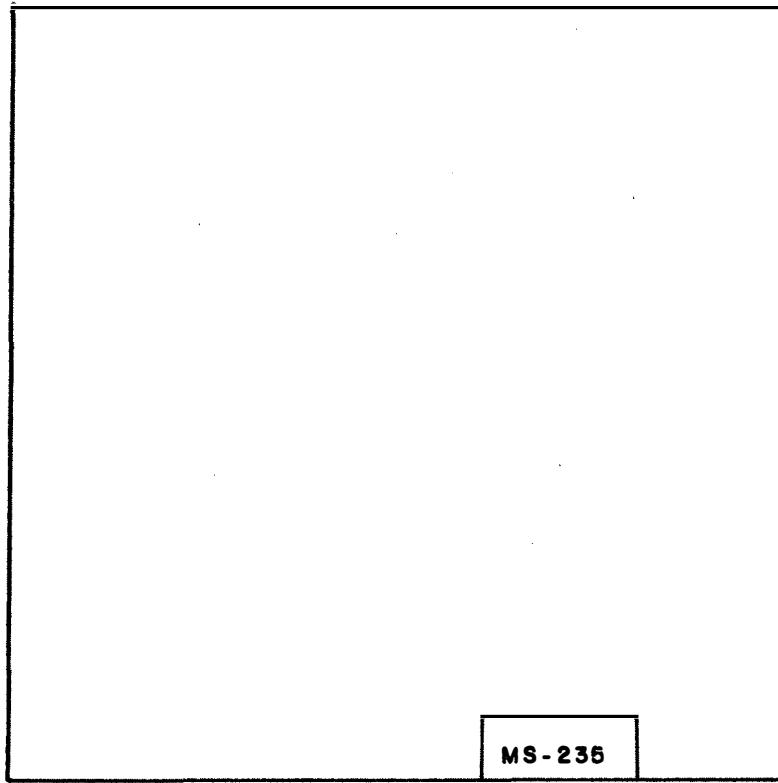
Scale: 1 inch = 20 chains

2-12-Sec. 20



Scale: 1 inch = 20 chains

2-12-Sec.29



MS - 236

Scale: 1 inch = 20 chains

2-14-Sec. 9

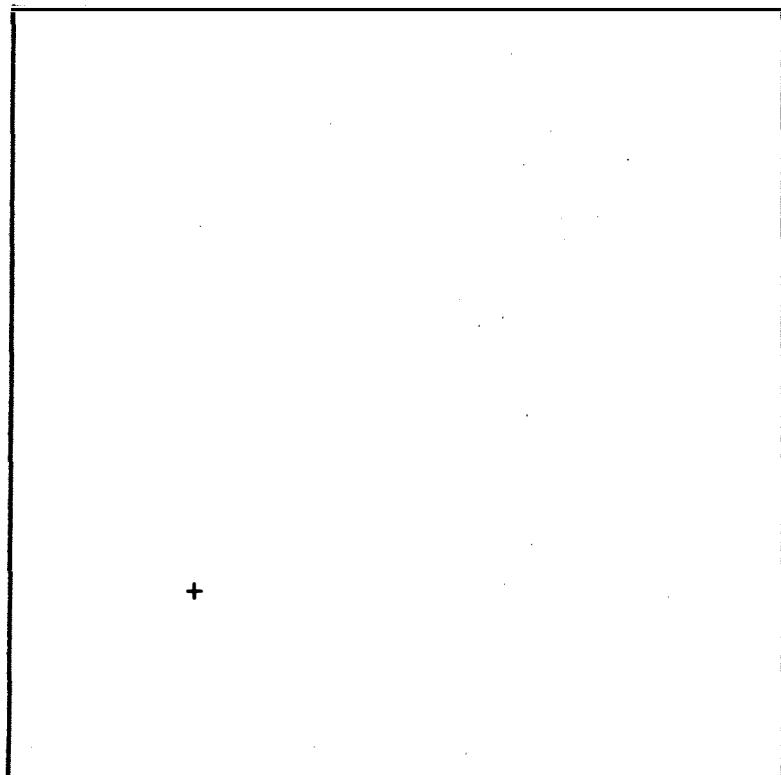
+ MS-213

+ 126

Scale: 1 inch = 20 chains

2-14-Sec. 10

+ MS-213



Scale: 1 inch = 20 chains

2-15- Sec. 36

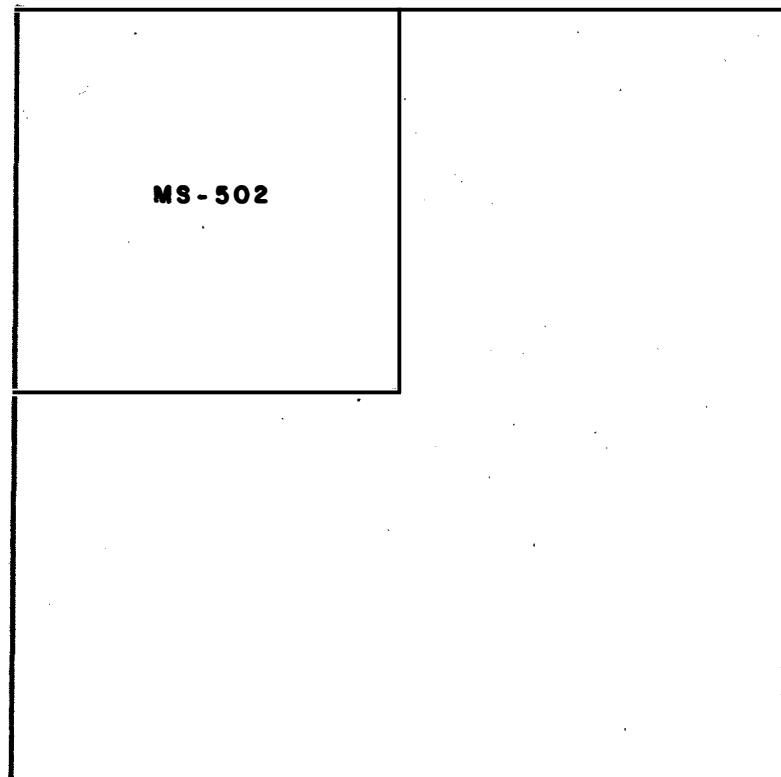
+ MS-213

+ 131

Scale: 1 inch = 20 chains

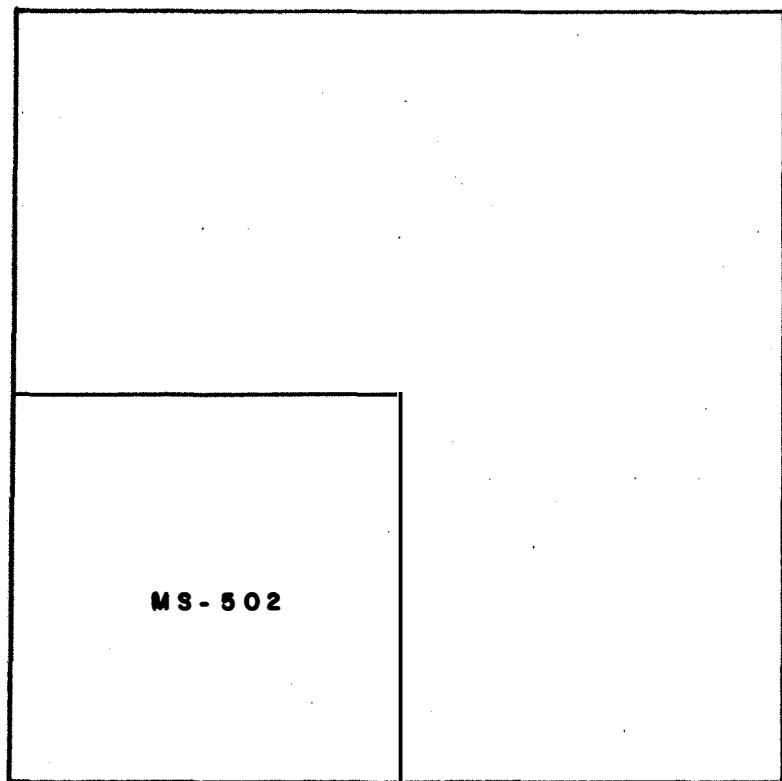
Twp. 3

3-9-Sec.9

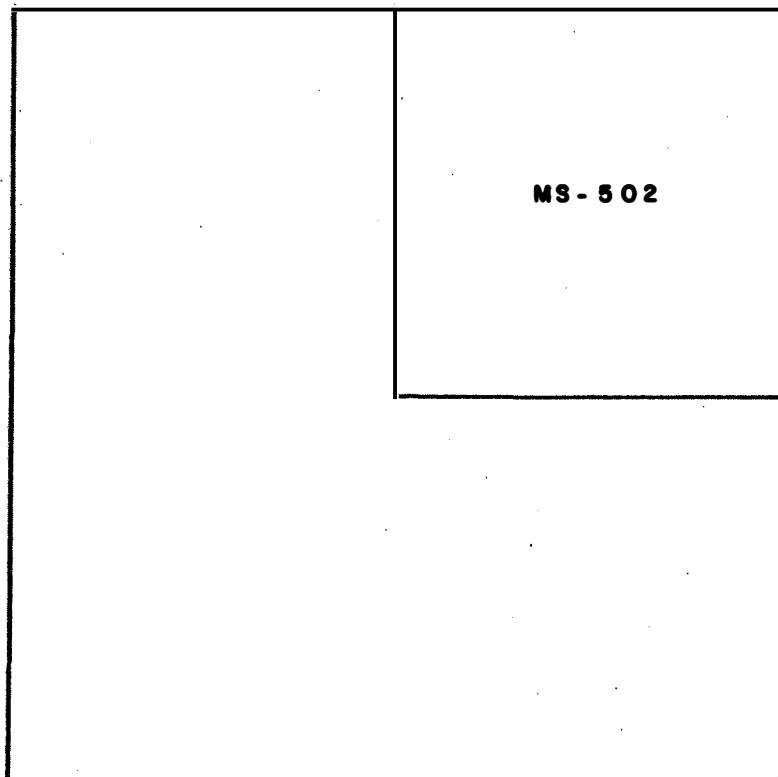


Scale: 1 inch = 20 chains

3-9-Sec.16

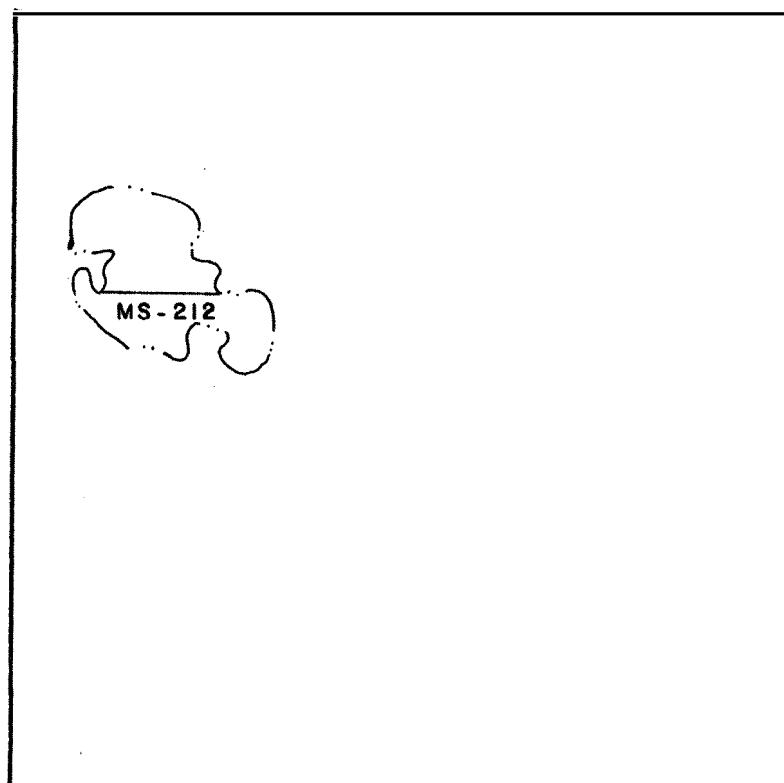


3-9-Sec.17



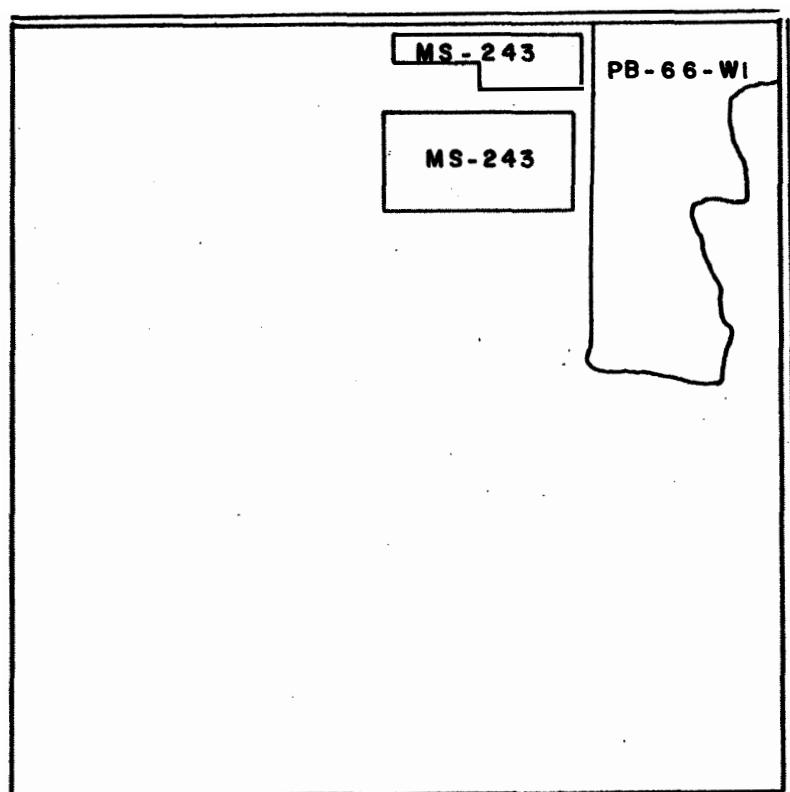
Scale: 1 inch = 20 chains

3-II-Sec.14



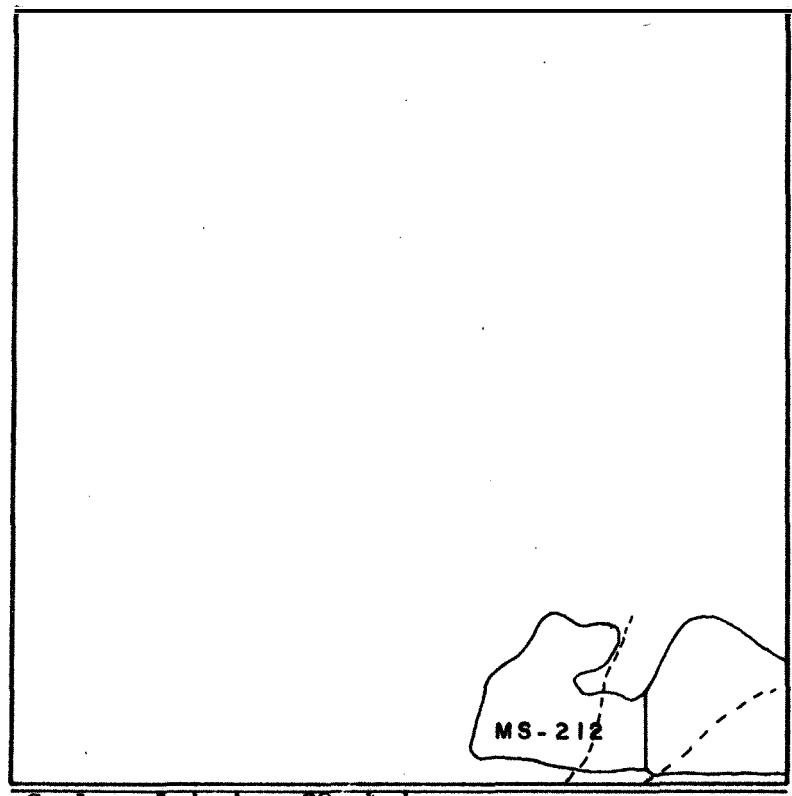
Scale: 1 inch = 20 chains

3-II-Sec.25



Scale: 1 inch = 20 chains

3-II-Sec. 33



Scale: 1 inch = 20 chains

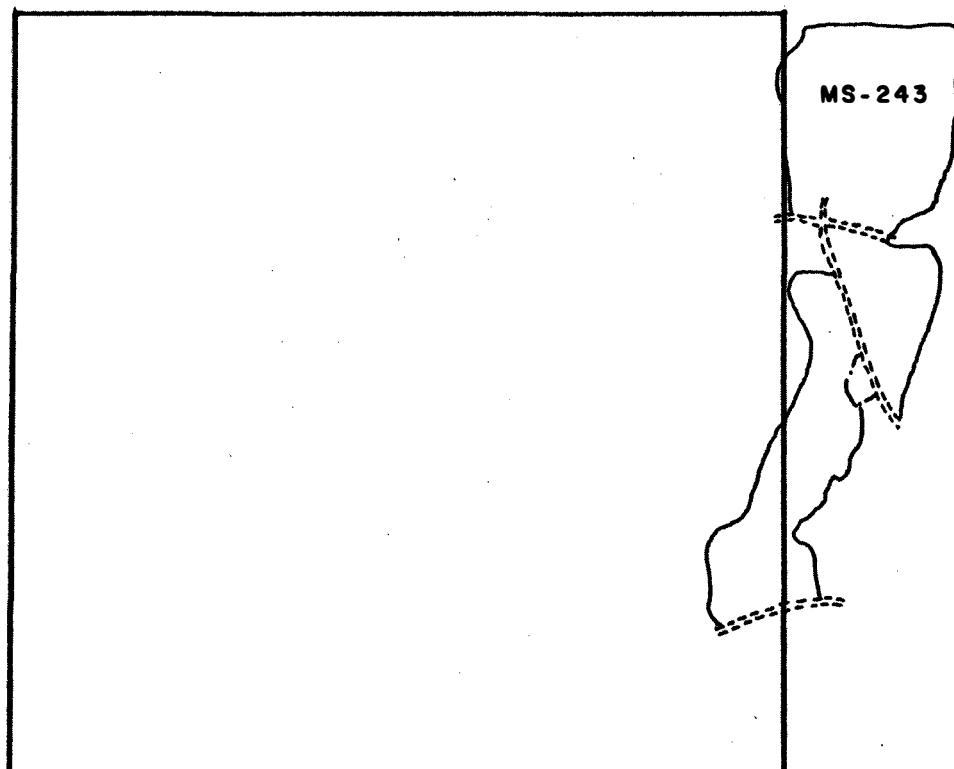
3-12-Sec. 6

+ MS - 213

+ 47

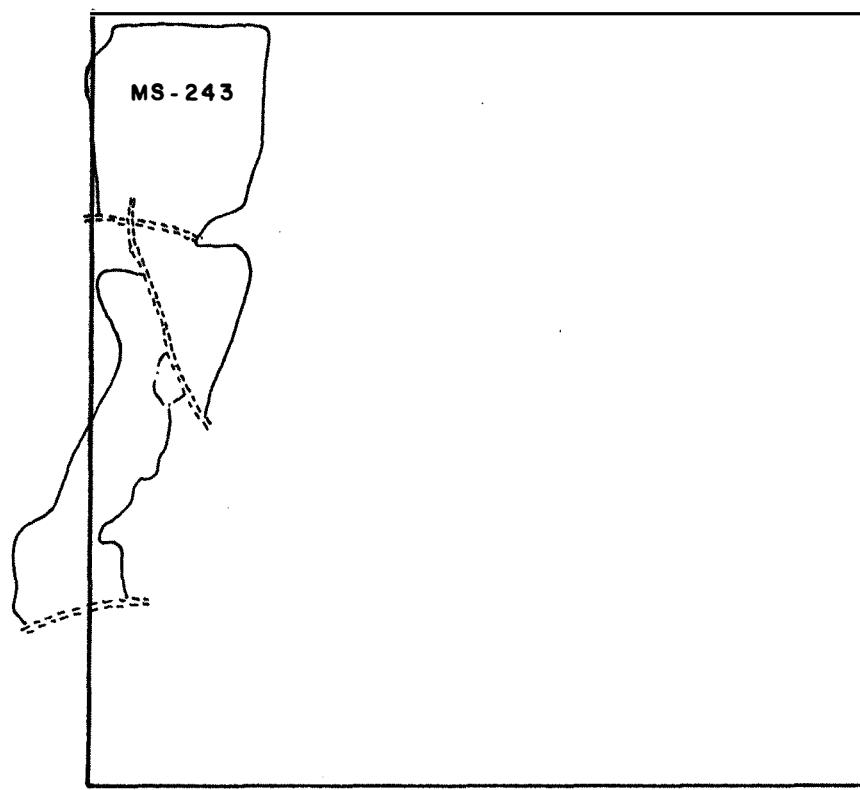
Scale: 1 inch = 20 chains

3-12-Sec. 7



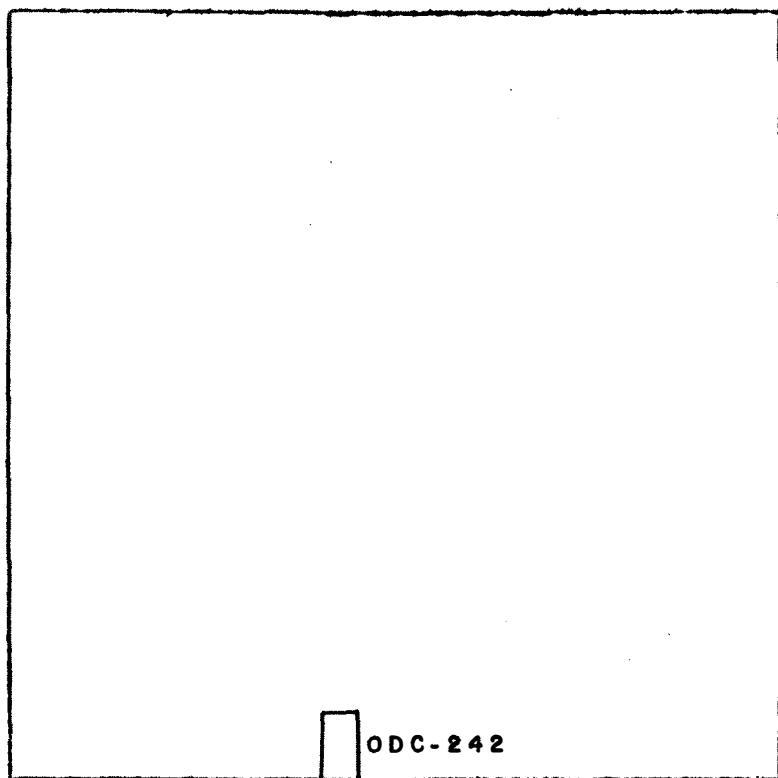
Scale: 1 inch = 20 chains

3-12-Sec. 8

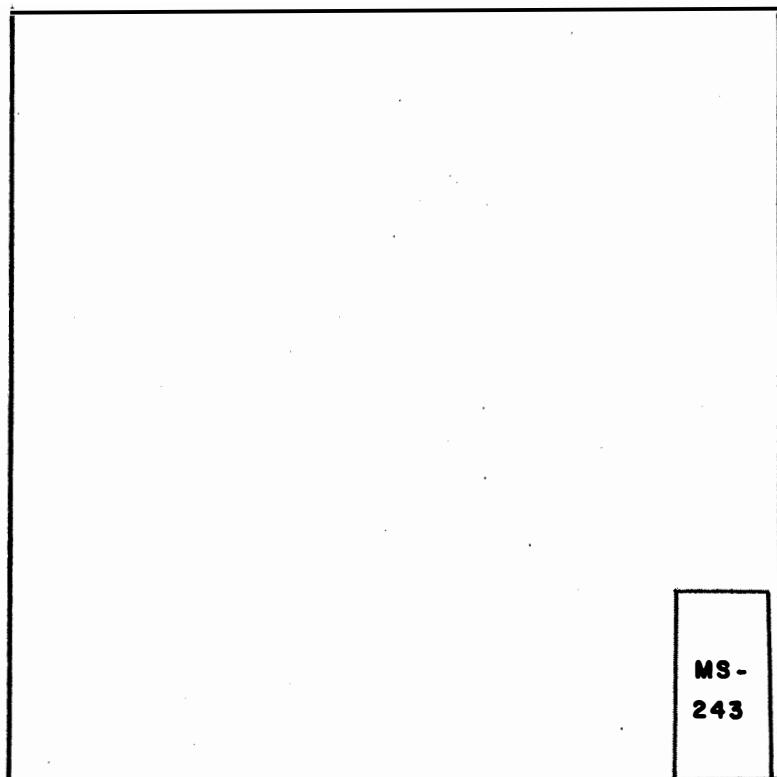


Scale: 1 inch = 20 chains

3-12-Sec. 9

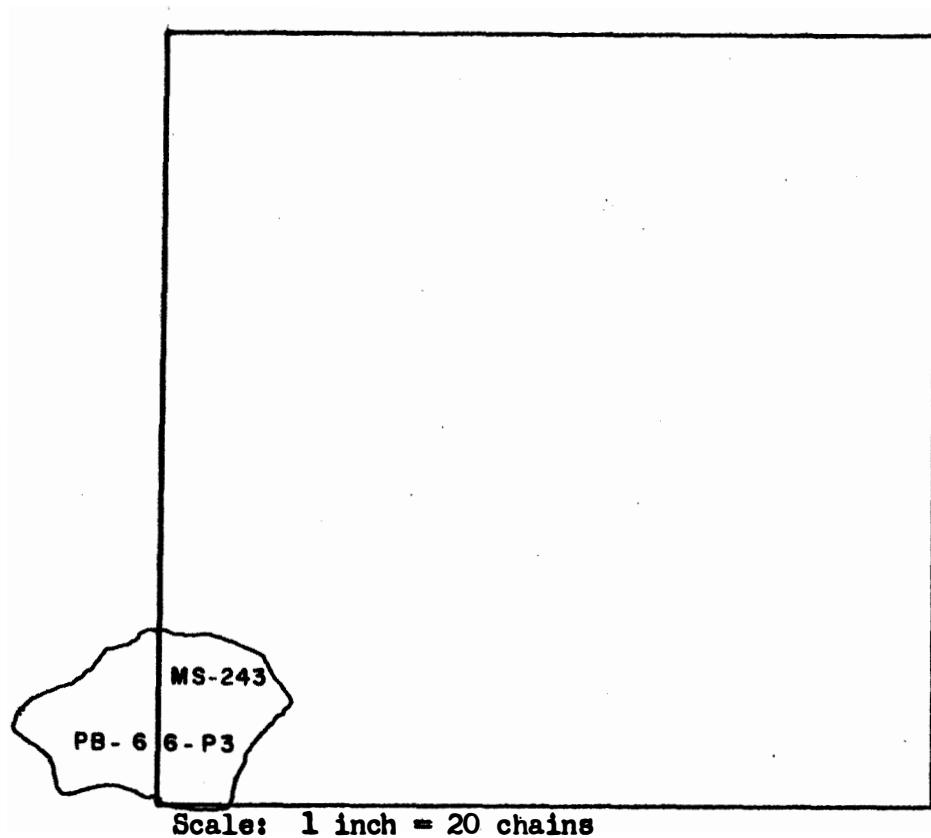


3-12-Sec.17

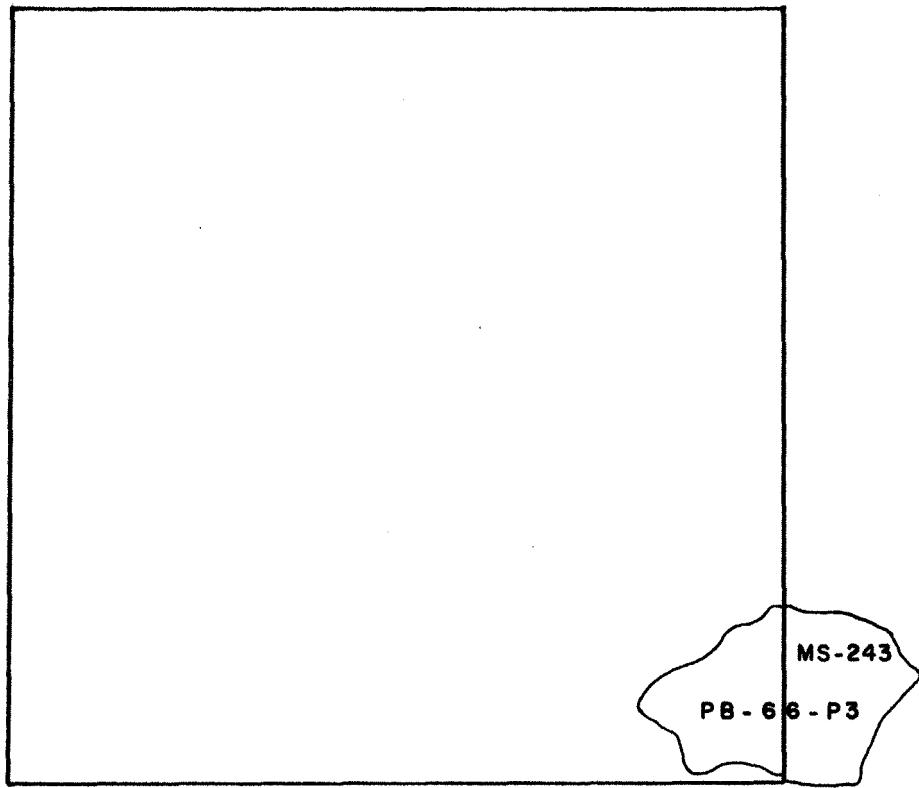


Scale: 1 inch = 20 chains

3-12-Sec.20

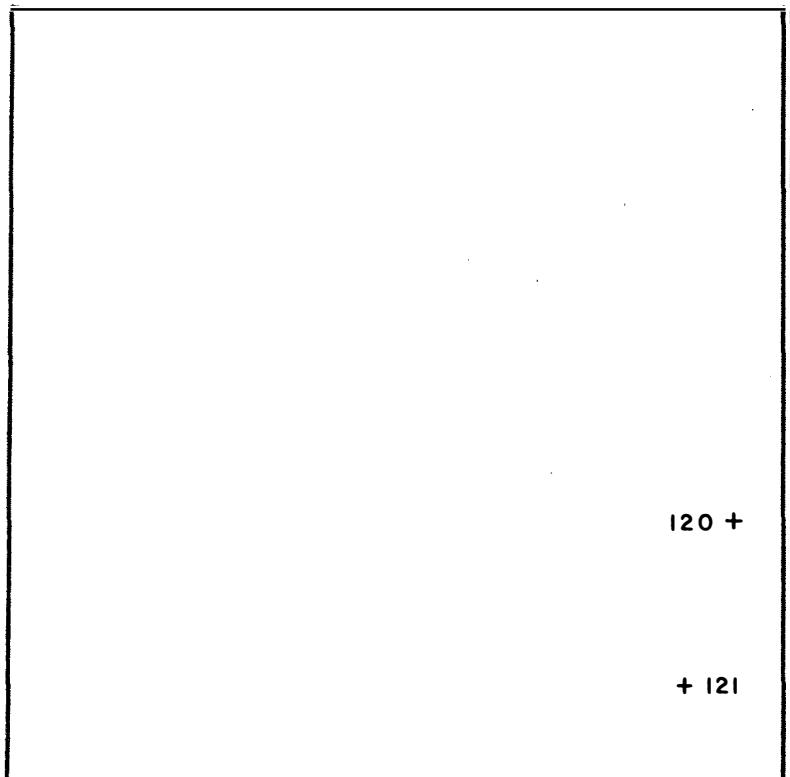


3-12-Sec.19



3-13-Sec. 29

+ MS-213



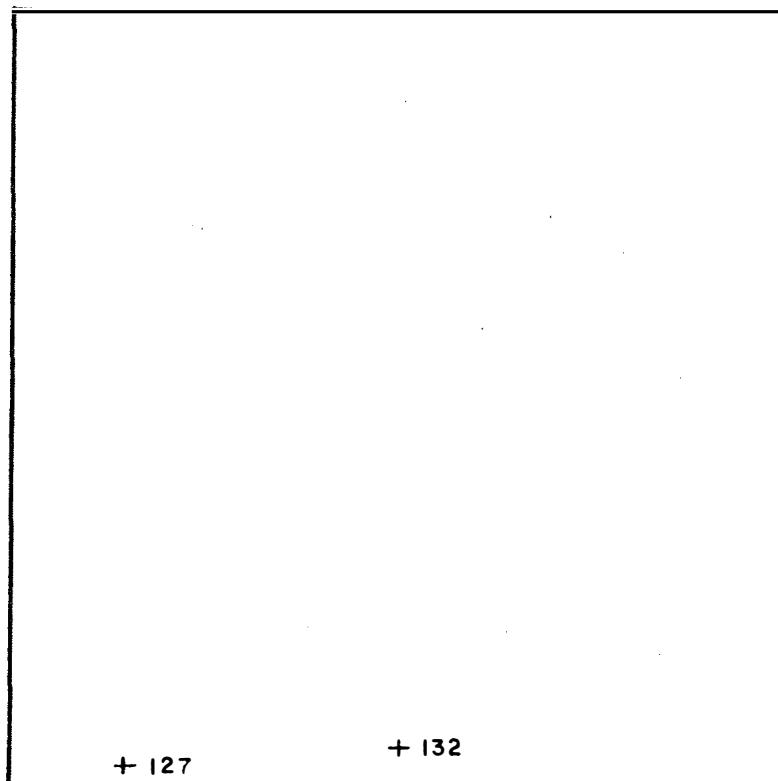
120 +

+ 121

Scale: 1 inch = 20 chains

3-15 - Sec. I

+ MS-213



+ 127

+ 132

Scale: 1 inch = 20 chains

3-16 - Sec. I

+ MS-213

+ 57

Scale: 1 inch = 20 chains

3-16 - Sec. 2

+ MS - 213

63 +

Scale: 1 inch = 20 chains

3-16 - Sec. 5

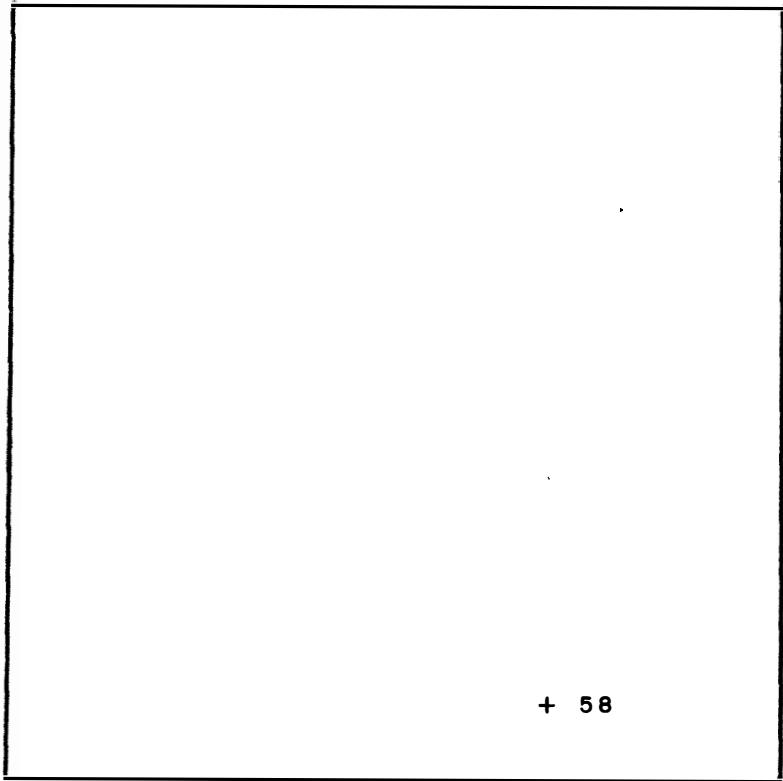
+ MS-213

+ 128

Scale: 1 inch = 20 chains

3-16 - Sec. 12

+ MS - 213

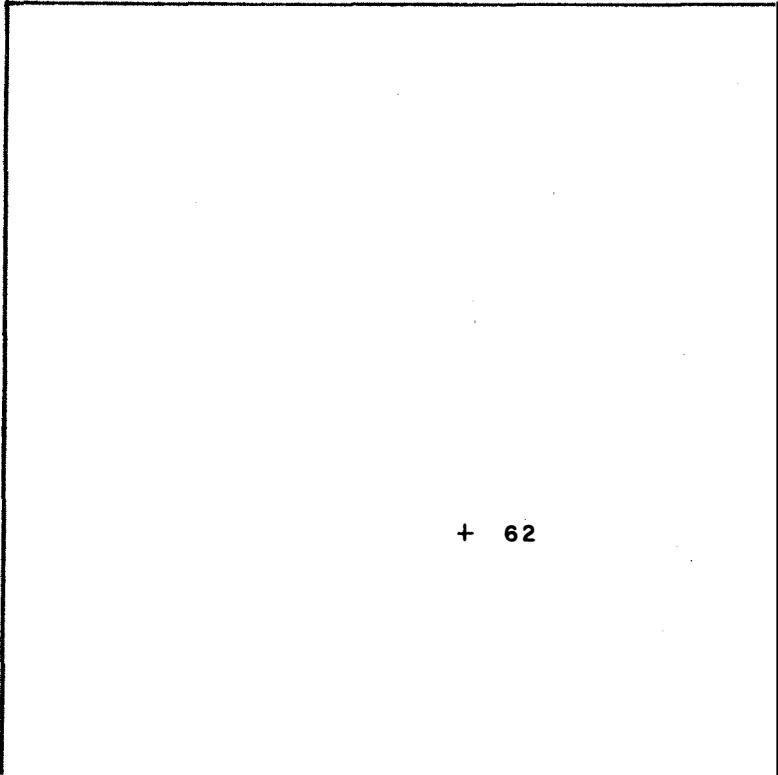


+ 58

Scale: 1 inch = 20 chains

3-16-Sec. 13

+ MS-213

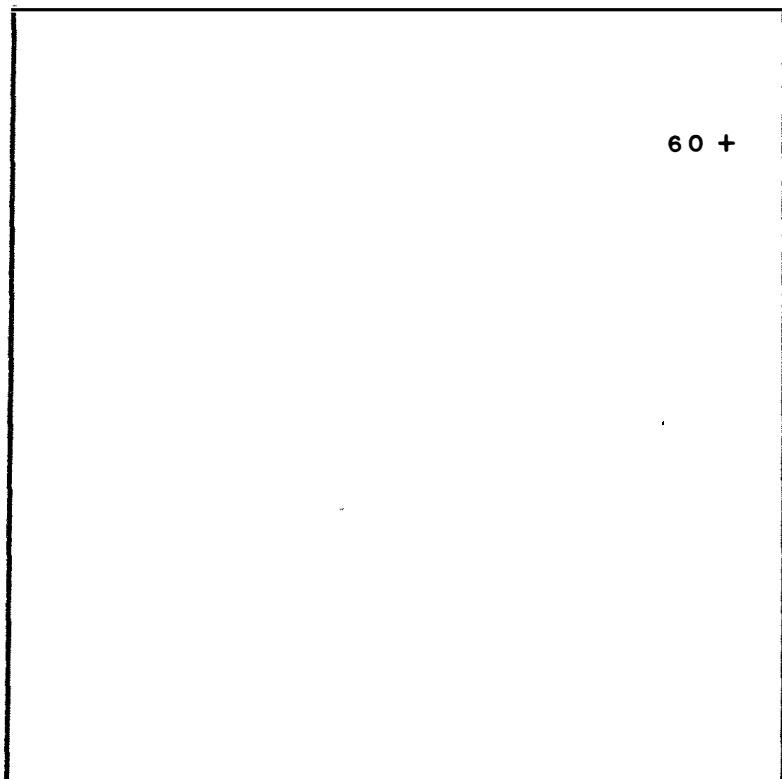


+ 62

Scale: 1 inch = 20 chains

3-16 - Sec. 24

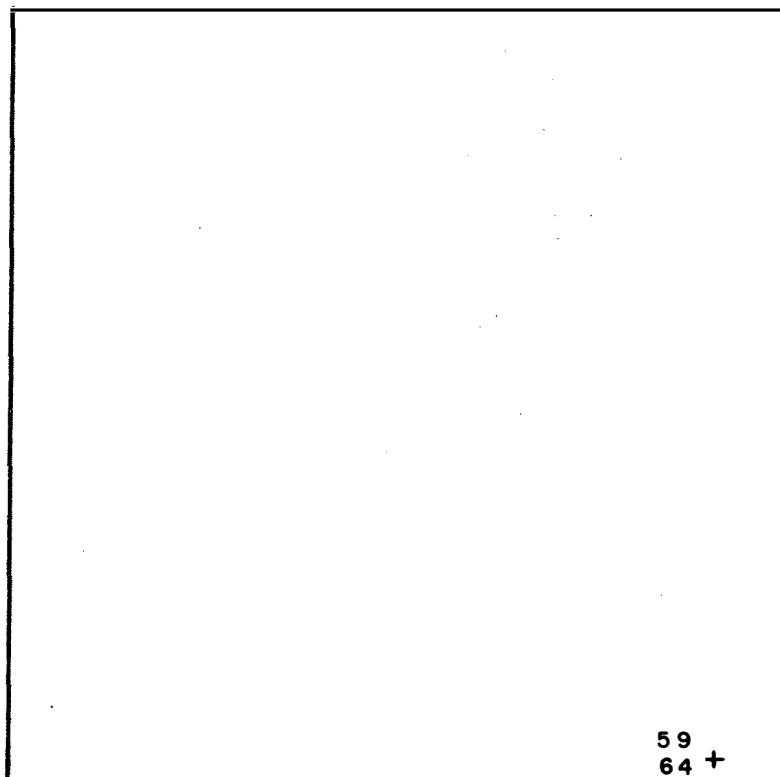
+ MS-213



Scale: 1 inch = 20 chains

3-16-Sec. 25

+ MS-213



59
64 +

Scale: 1 inch = 20 chains

Twp. 4

4 - 9 - Sec. I

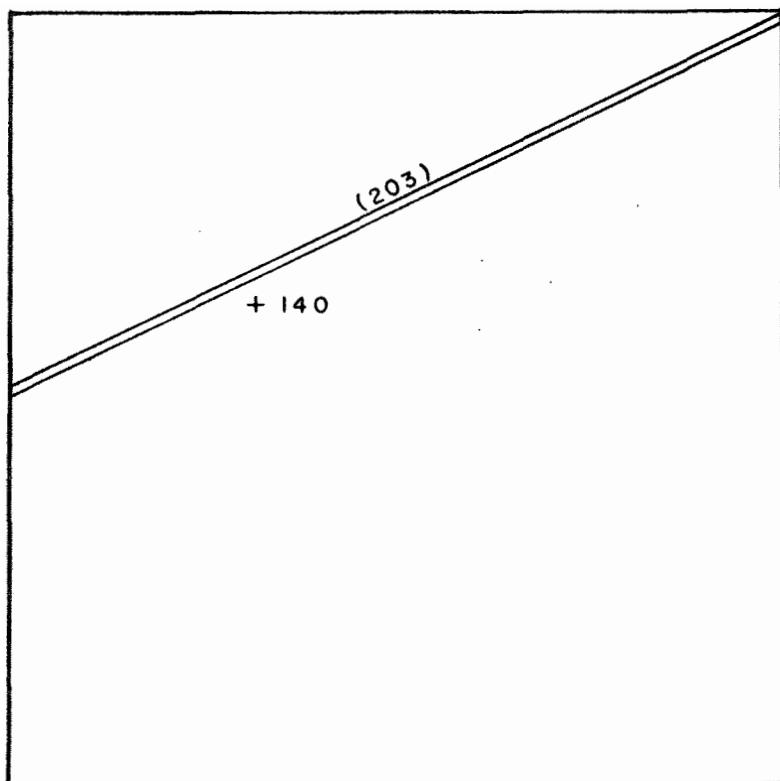
+ MS-213

+ 139

Scale: 1 inch = 20 chains

4 - 9 - Sec. 2

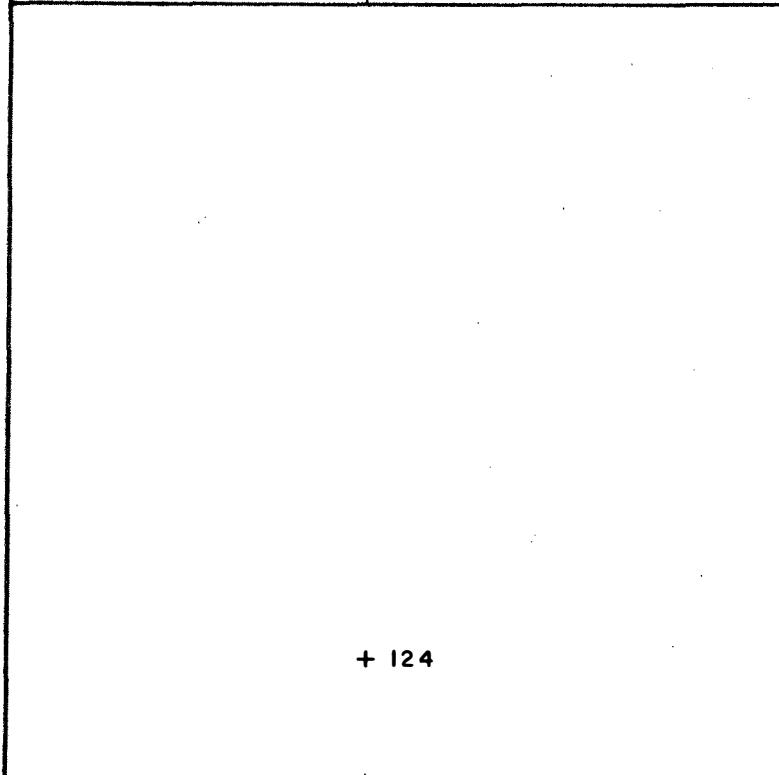
+ MS - 213



Scale: 1 inch = 20 chains

4 - 9 - Sec. 3

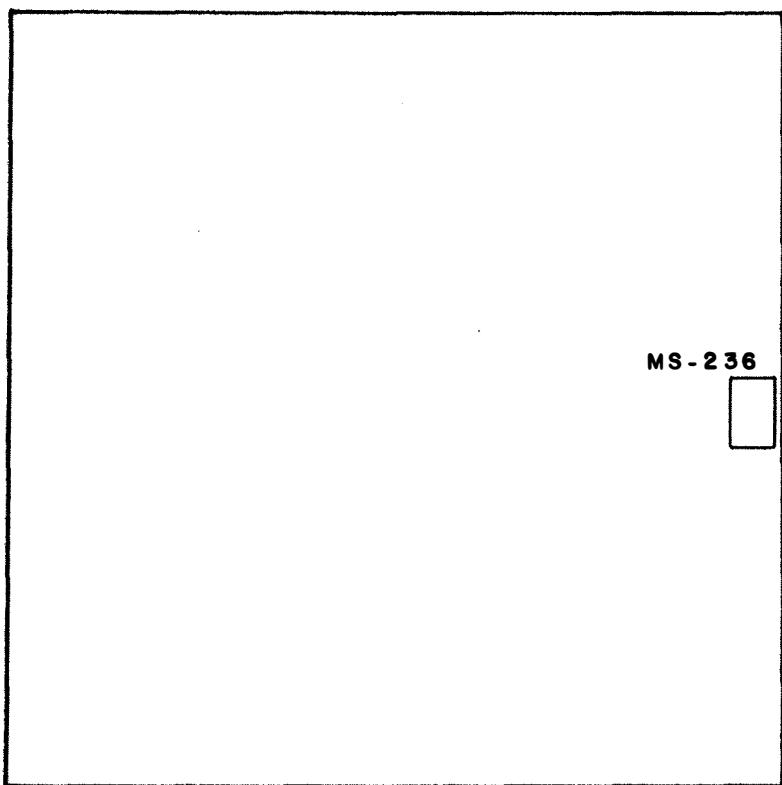
+ MS - 213



+ 124

Scale: 1 inch = 20 chains

4 - 9 - Sec. 8



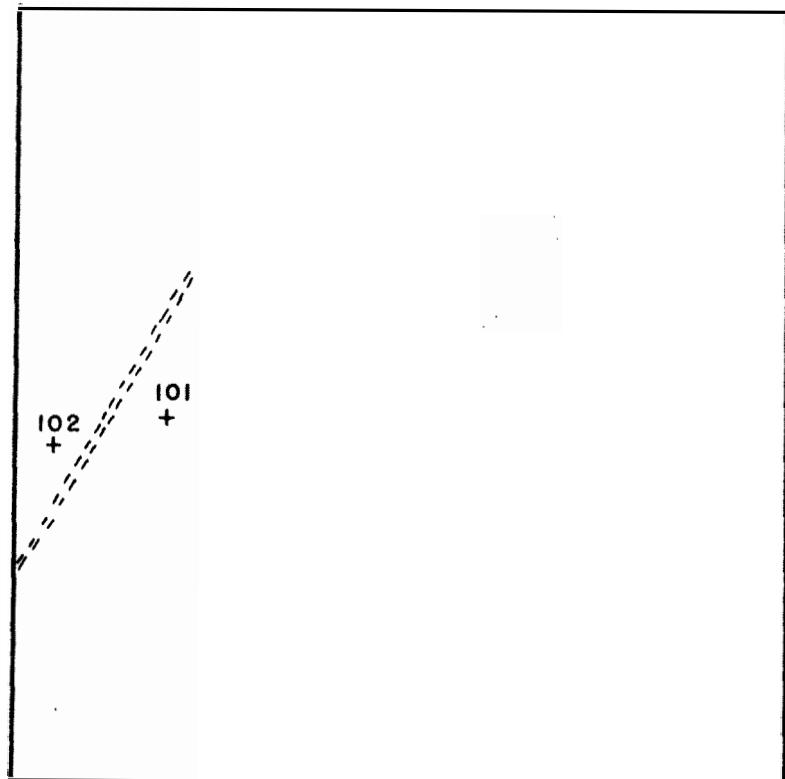
MS - 236



Scale: 1 inch = 20 chains

4 - 9 - Sec. 22

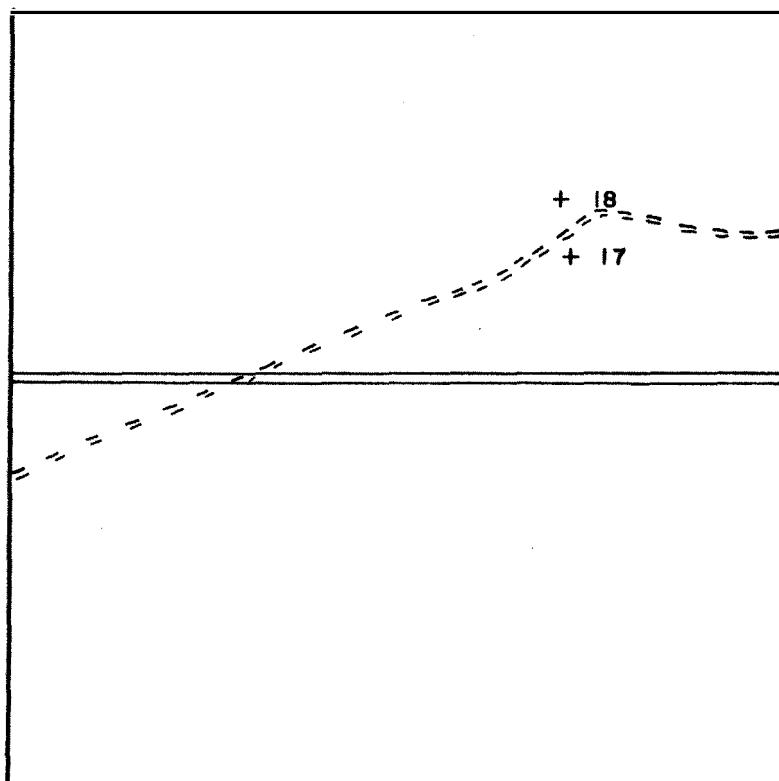
+ MS-213



Scale: 1 inch = 20 chains

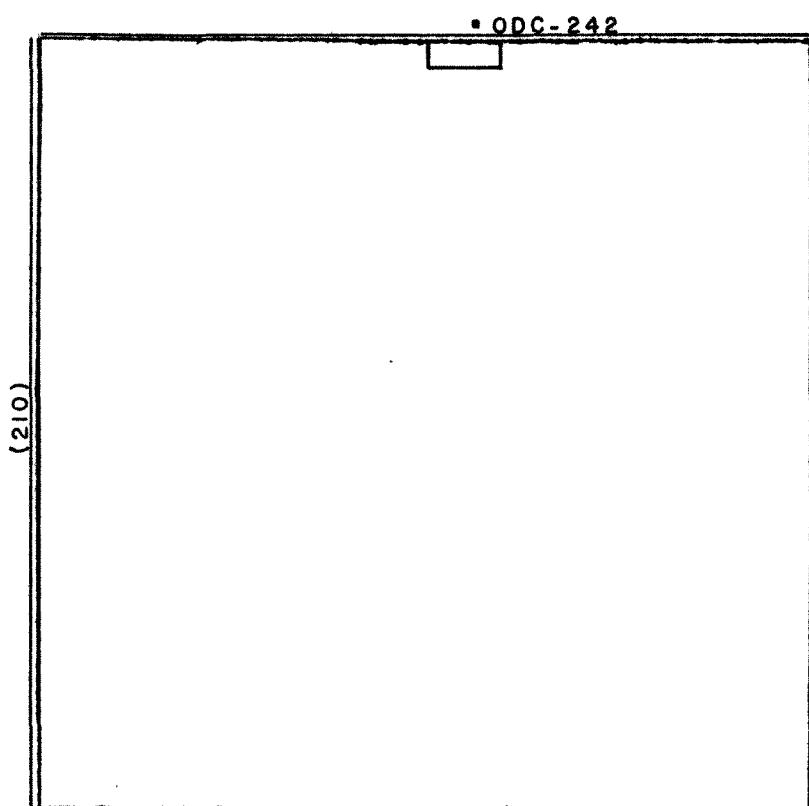
4 - 9 - Sec. 25

+ MS - 213



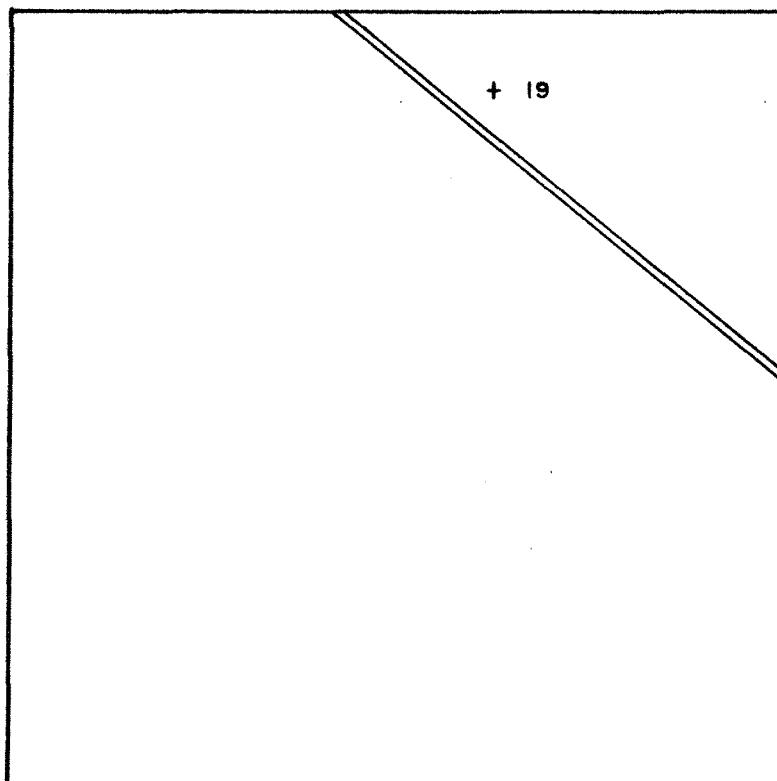
Scale: 1 inch = 20 chains

4-10-Sec. 14



4-10-Sec. 20

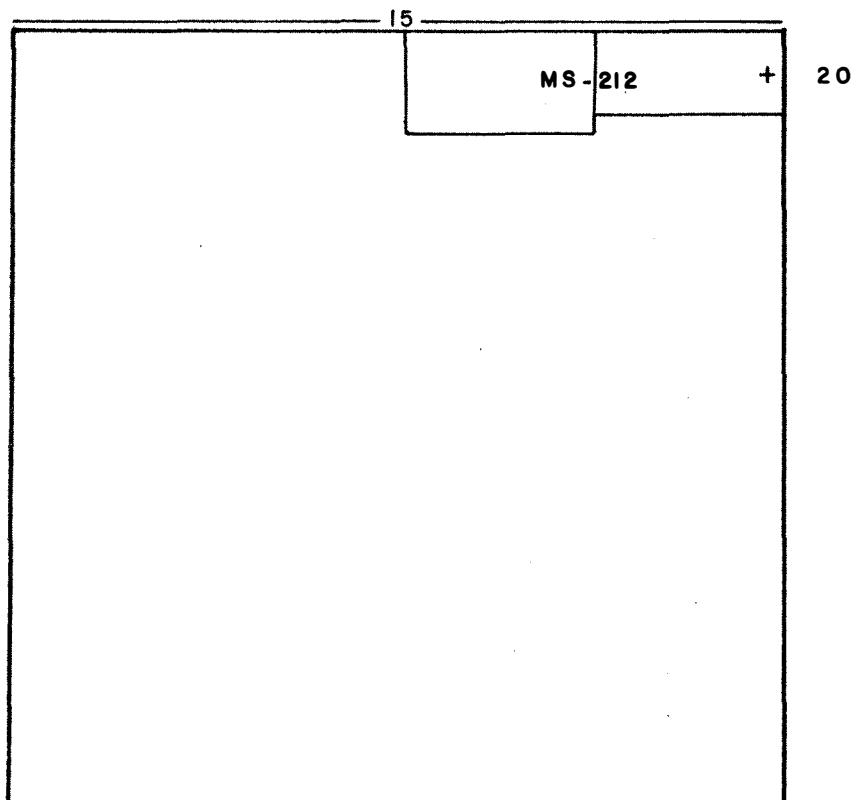
+ MS-213



Scale: 1 inch = 20 chains

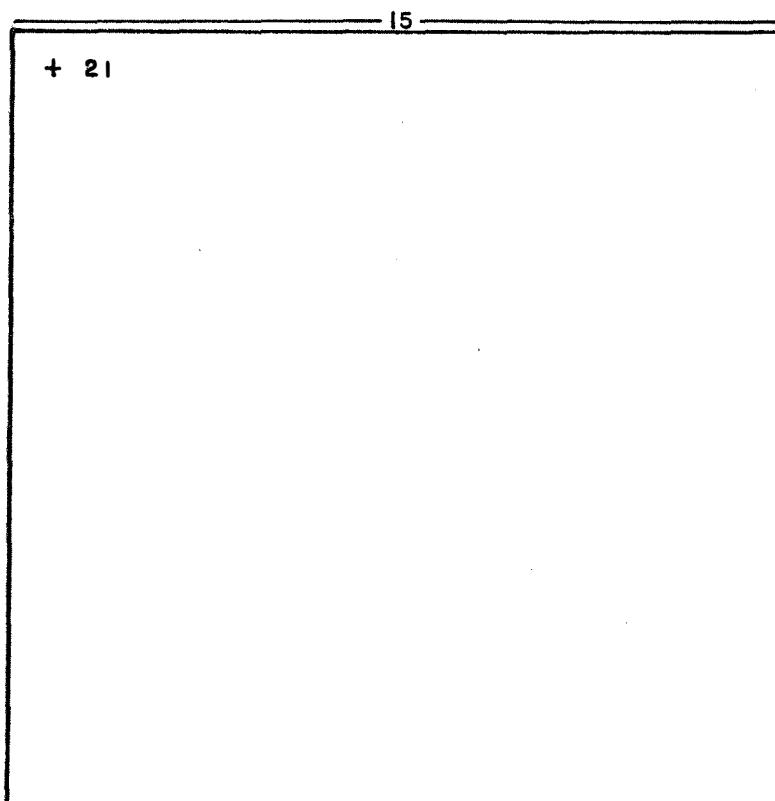
4-10-Sec. 31

+ MS-213



4-10-Sec. 32

+ MS - 213



Scale: 1 inch = 20 chains

4-12 - Sec. 14

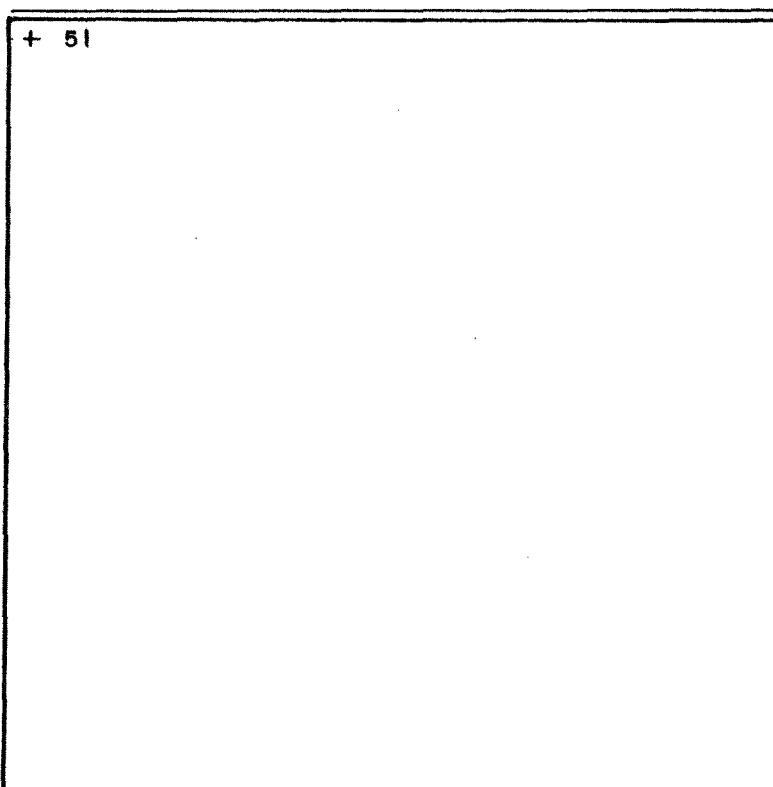
+ MS-213

+ 123

Scale: 1 inch = 20 chains

4-12-Sec.15

+ M3-213



Scale: 1 inch = 20 chains

4-13 - Sec. 10

+ MS-213

+ 122

Scale: 1 inch = 20 chains

4 - 13 - Sec. II

+ MS-213

113 +

+

Scale: 1 inch = 20 chains

4 - 14 - Sec. 3

+ MS-213

+ 96

Scale: 1 inch = 20 chains

4-14 - Sec. 4

+ MS-213

+ 97

Scale: 1 inch = 20 chains

4-14 - Sec. 5

+ MS-213

+ 98

Scale: 1 inch = 20 chains

4-14 - Sec. 9

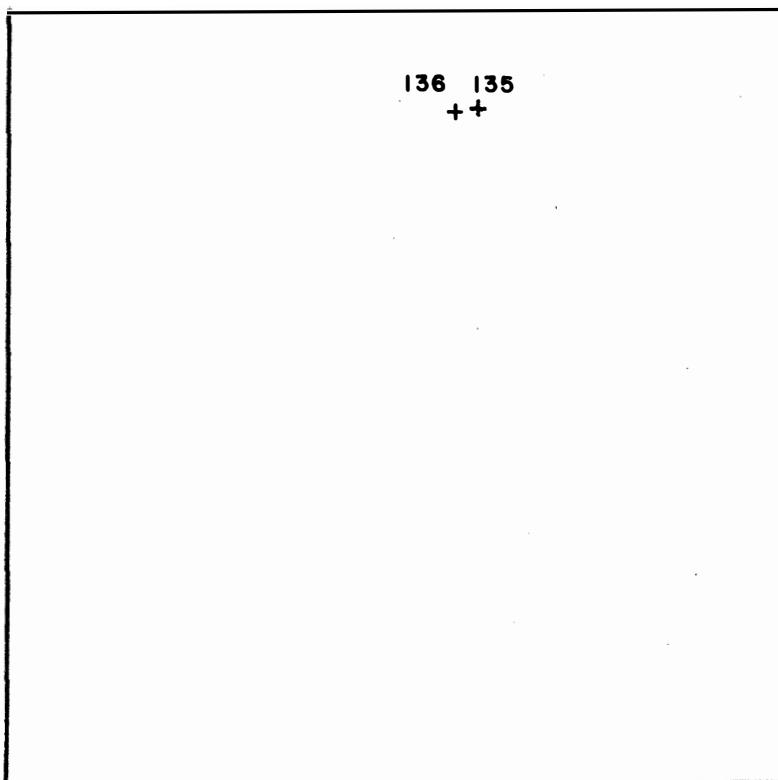
+ MS-213

53
+

Scale: 1 inch = 20 chains

4-14 - Sec. 33

+ MS-213

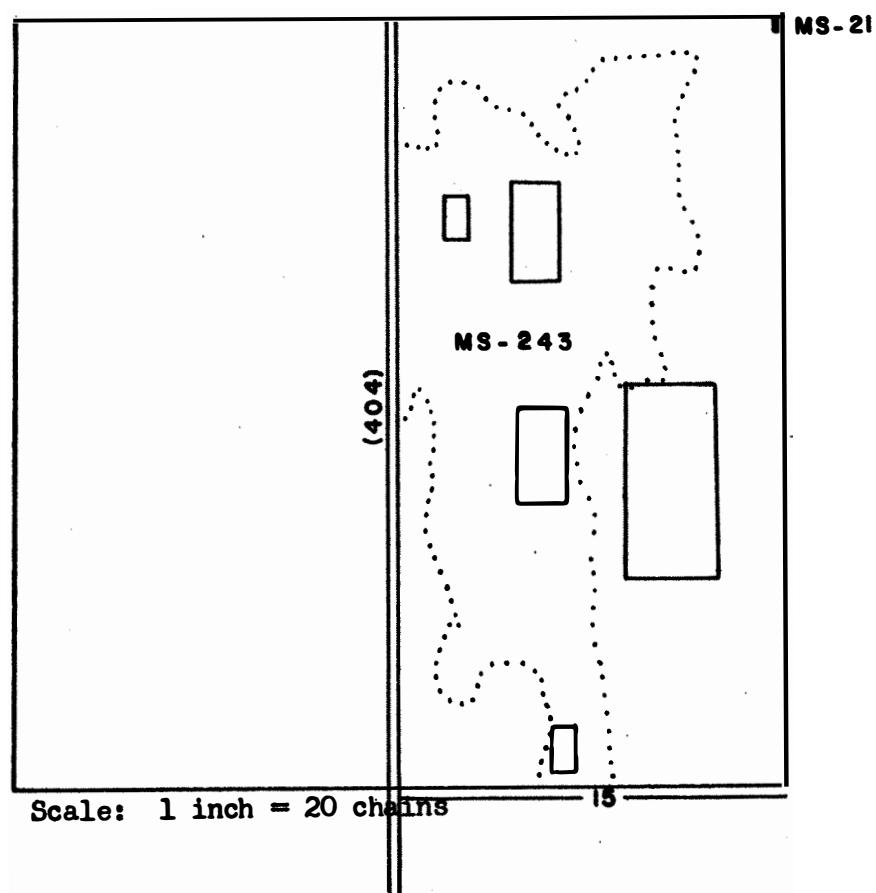


136 135
++

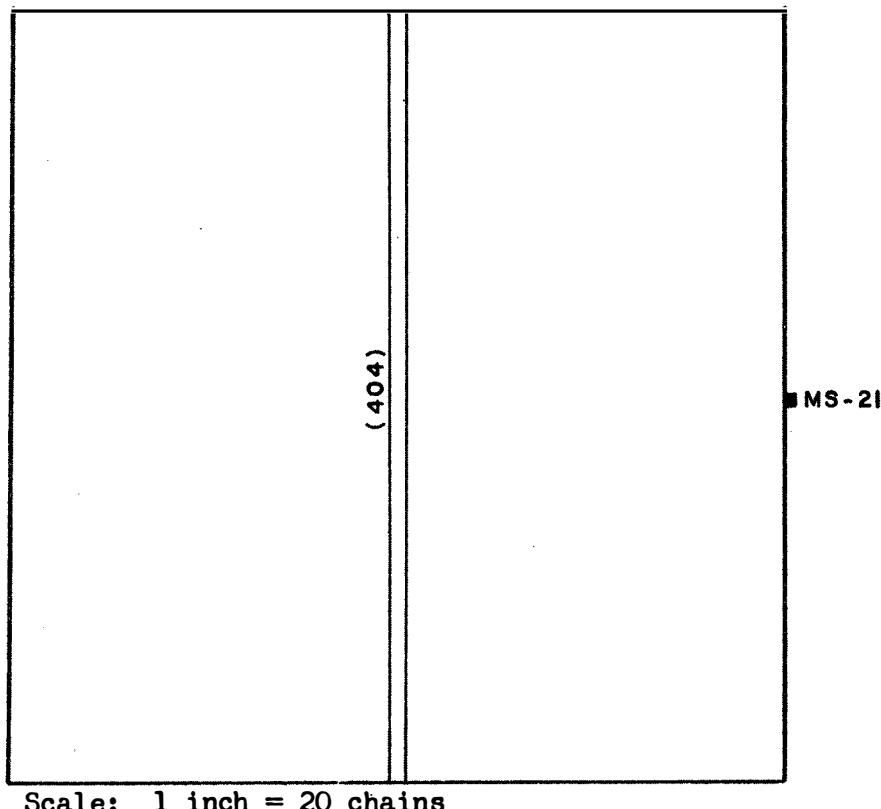
Scale: 1 inch = 20 chains

Twp. 5

5-9-Sec.3

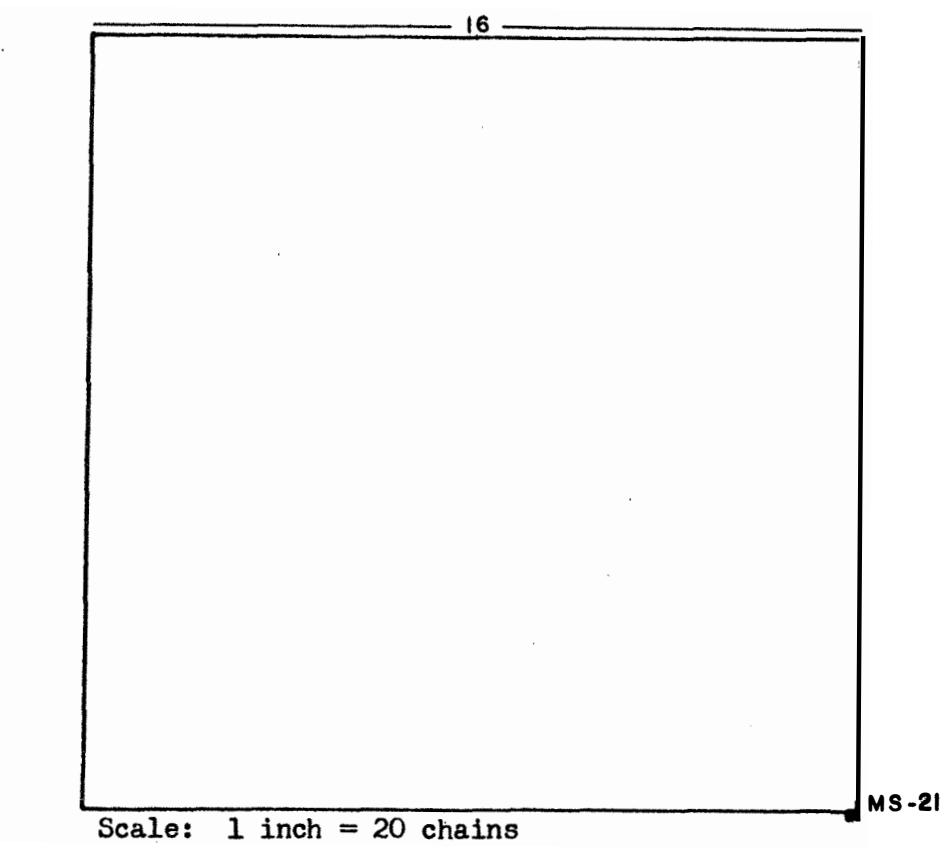


5-9-Sec.10



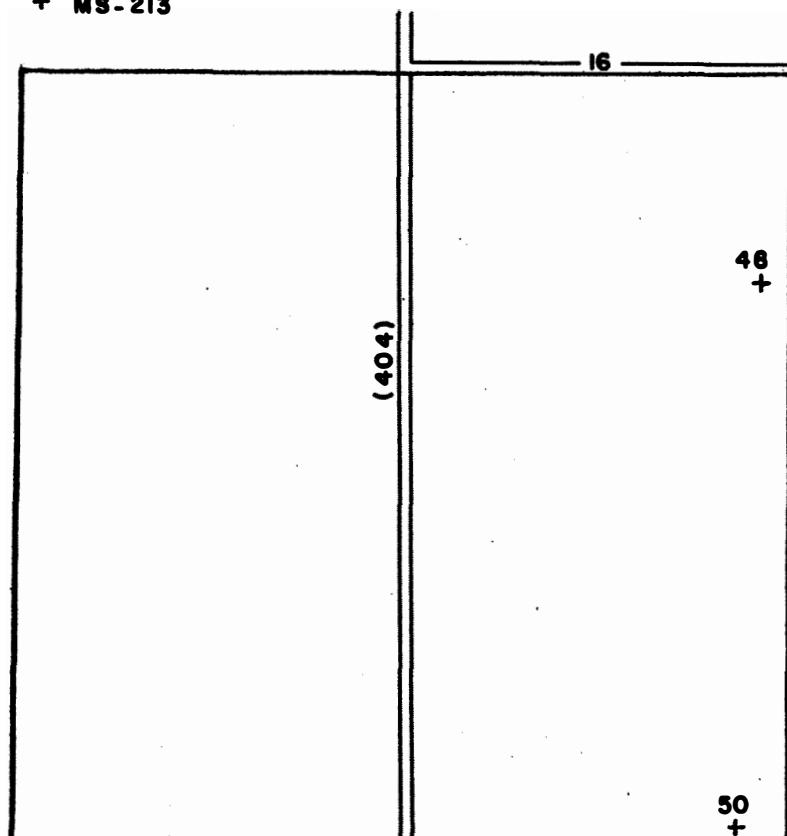
Scale: 1 inch = 20 chains

5- 9-Sec. 13



5-9-Sec. 15

+ MS-213



Scale: 1 inch = 20 chains

5-9-Sec. 23

+ MS-213

+ 16

MS-21

Scale: 1 inch = 20 chains 16

5-9-Sec. 24

+ MS-213

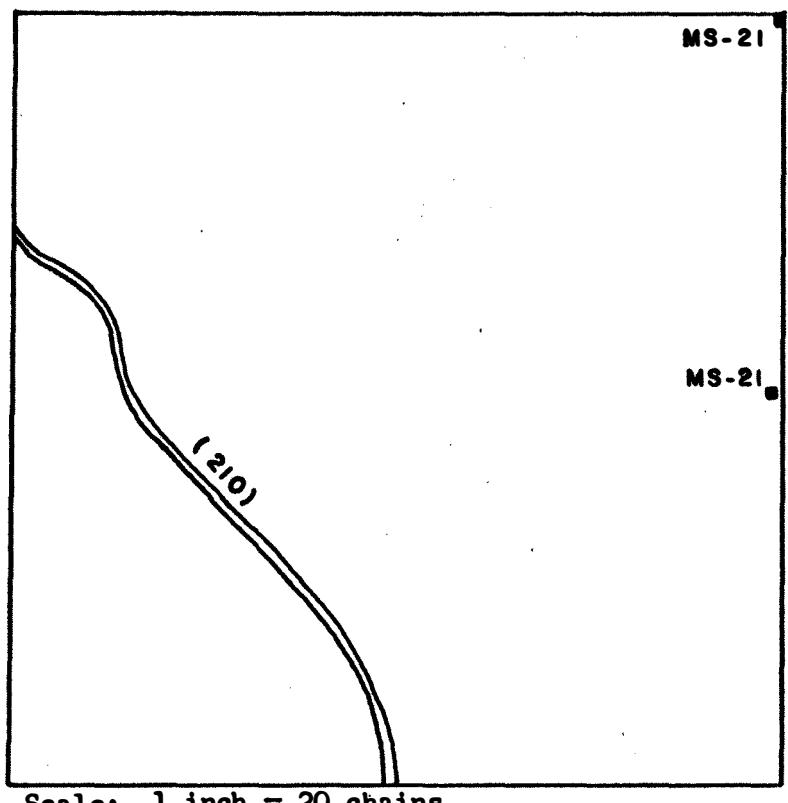
MS-21

+ 49

Scale: 1 inch = 20 chains

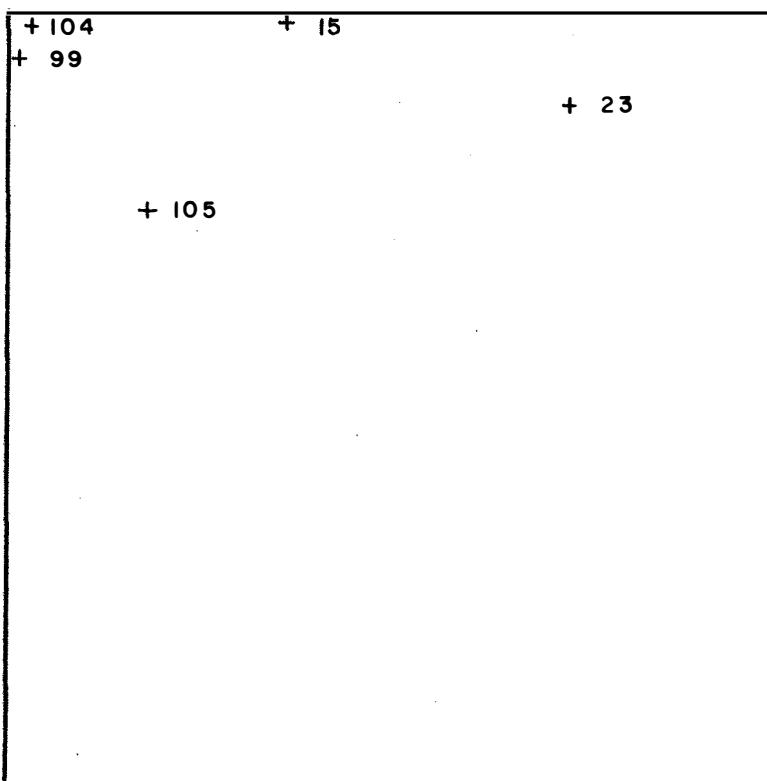
16

5-9-Sec. 25



5-9-Sec. 26

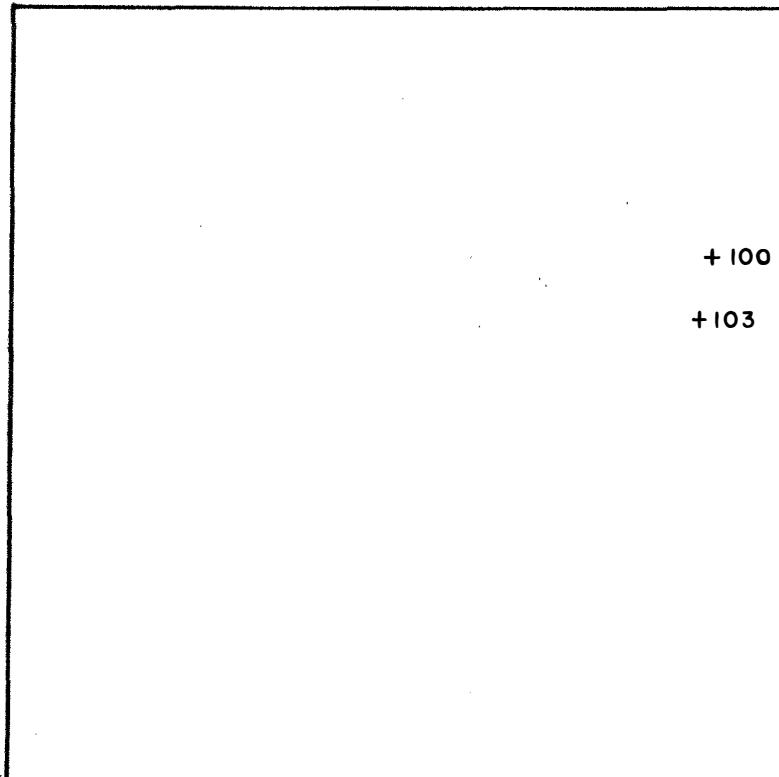
+ MS-213



Scale: 1 inch = 20 chains

5-9-Sec. 27

+ M8-213



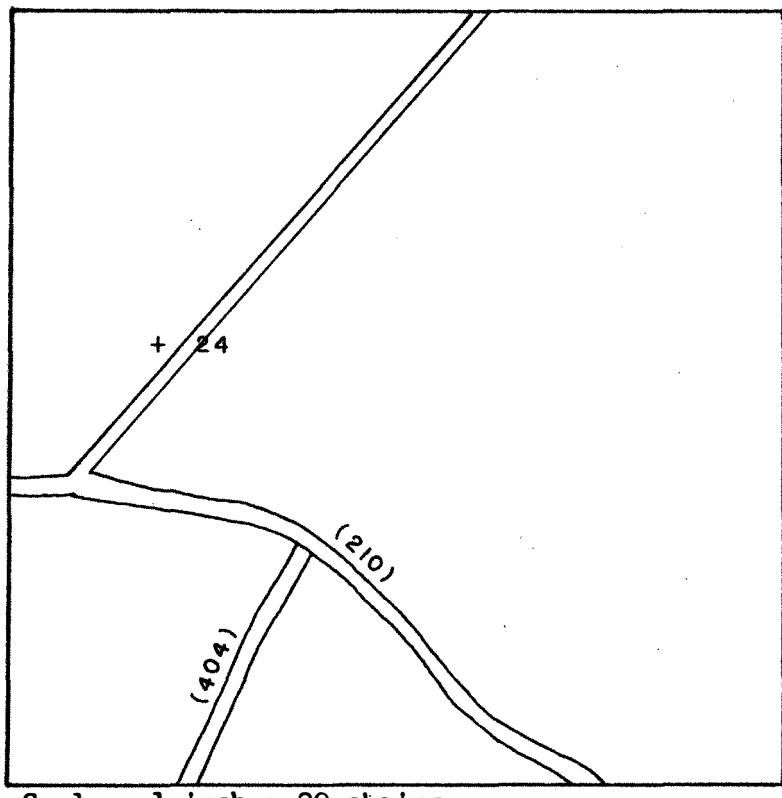
+100

+103

Scale: 1 inch = 20 chains

5-9-Sec. 35

+ MS-213



Scale: 1 inch = 20 chains

5-10-Sec. 5

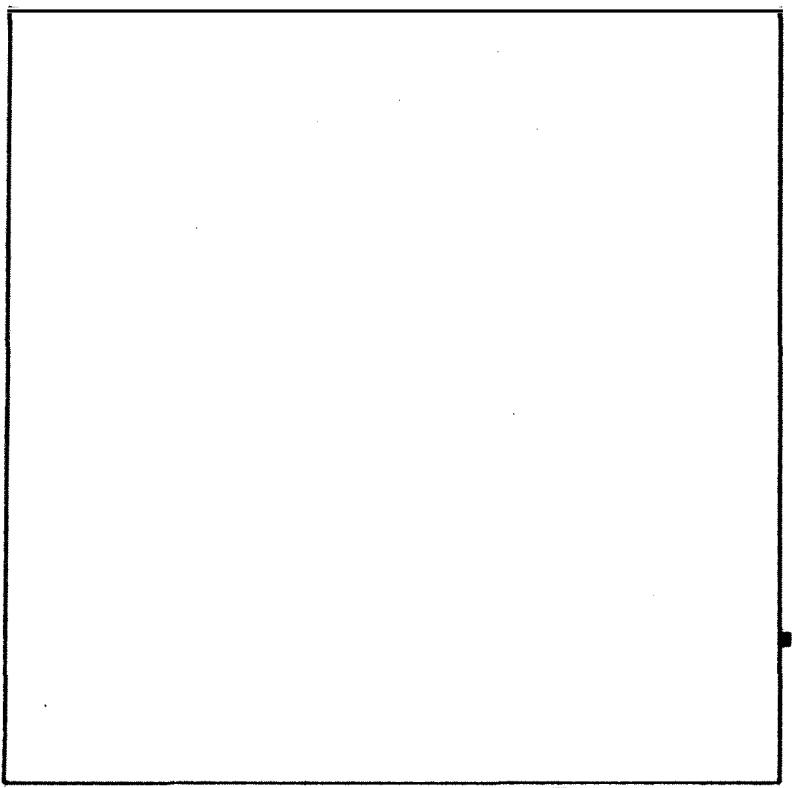
+ MS-213

+ 22

Scale: 1 inch = 20 chains

15

5-10-Sec. 6



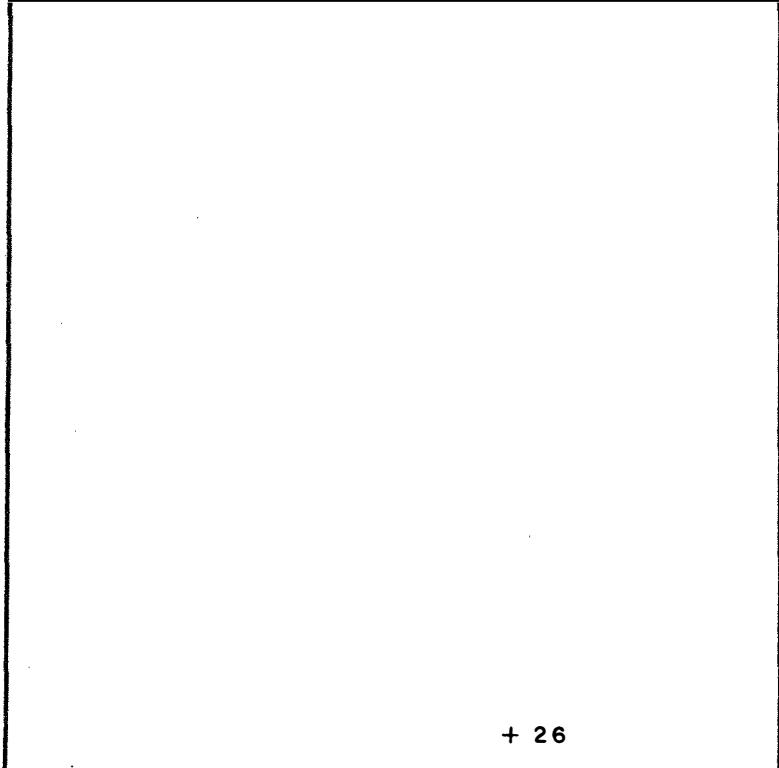
MS-21

Scale: 1 inch = 20 chains

15

5-10 - Sec. 16

+ MS-213



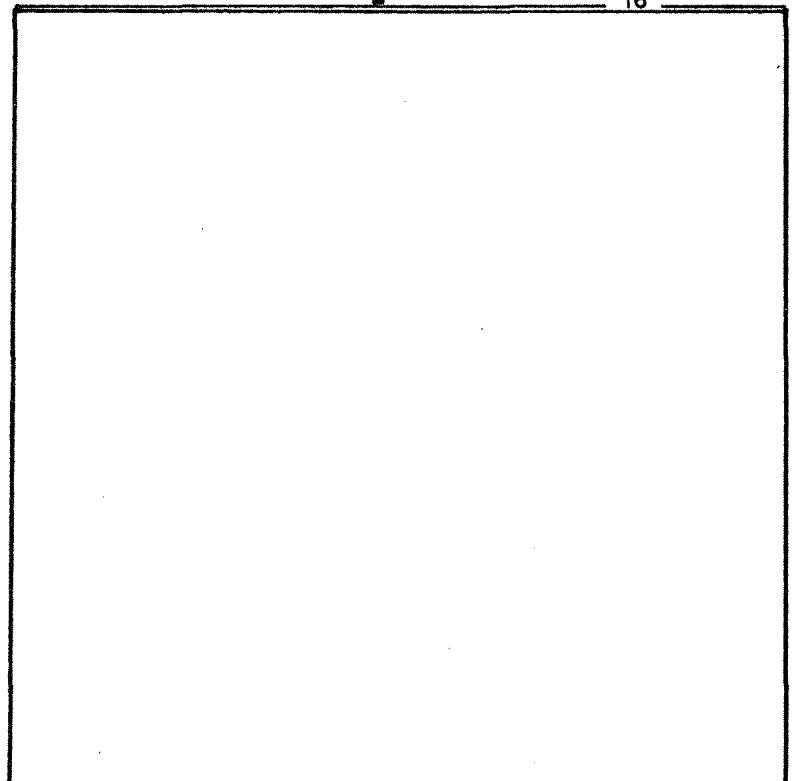
+ 26

Scale: 1 inch = 20 chains

5-10-Sec. 17

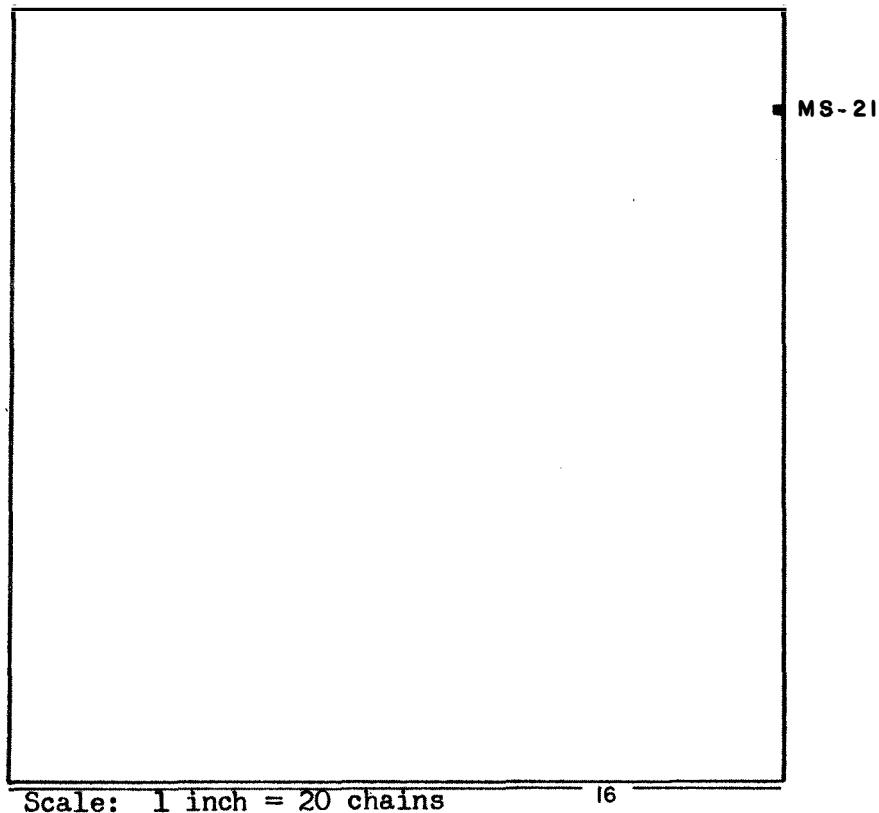
MS - 21

16

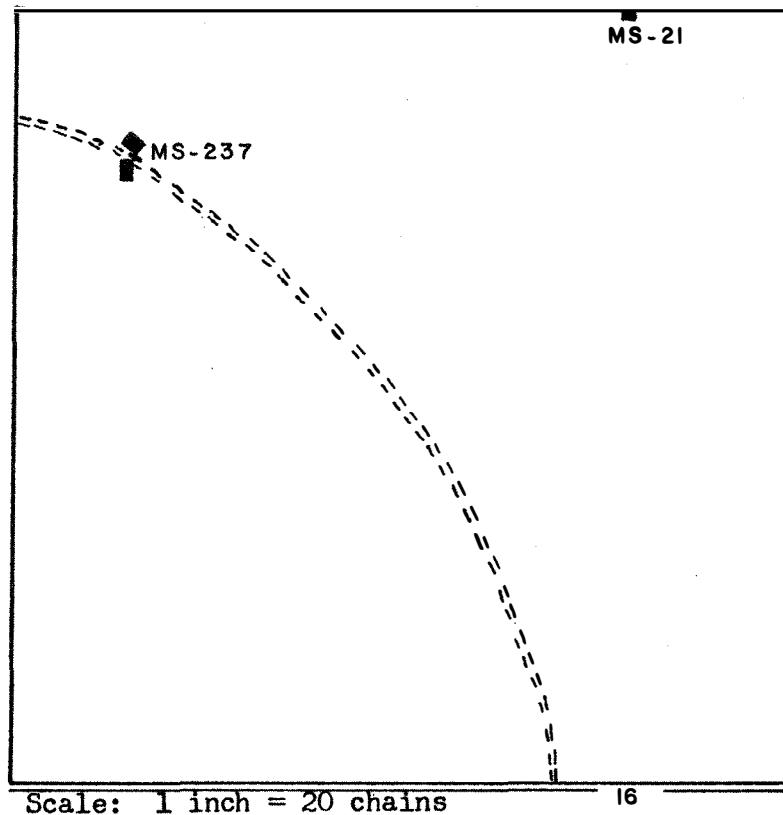


Scale: 1 inch = 20 chains

5-10-Sec. 19



5-10-Sec. 20



5-10-Sec. 28

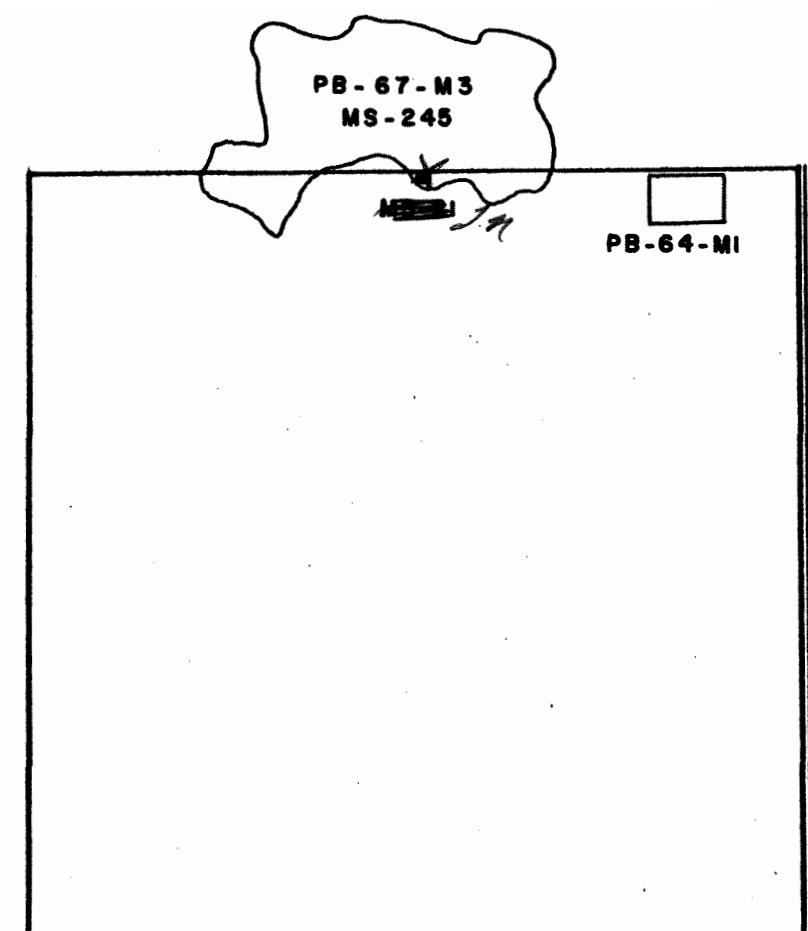
+ MS-213

+ 138

95 +

Scale: 1 inch = 20 chains

5-10-Sec. 29



Scale: 1 inch = 20 chains

5-10-Sec. 30

■
MS-21

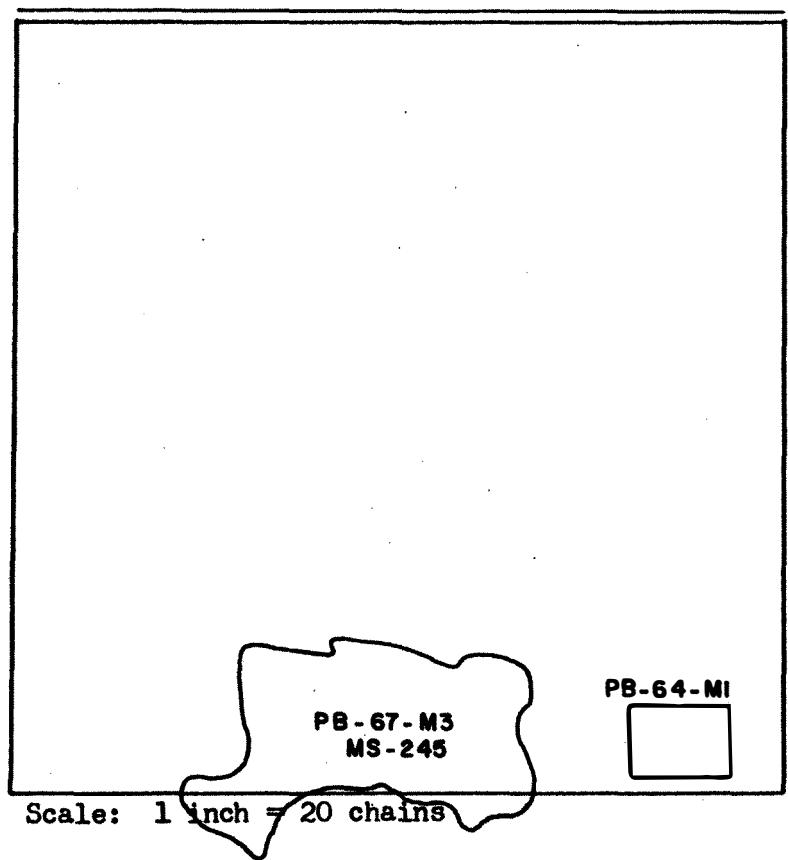
Scale: 1 inch = 20 chains

5-10 - Sec. 31

MS-21

Scale: 1 inch = 20 chains

5-10-Sec.32



5-14 - Sec. 9

+ MS-213

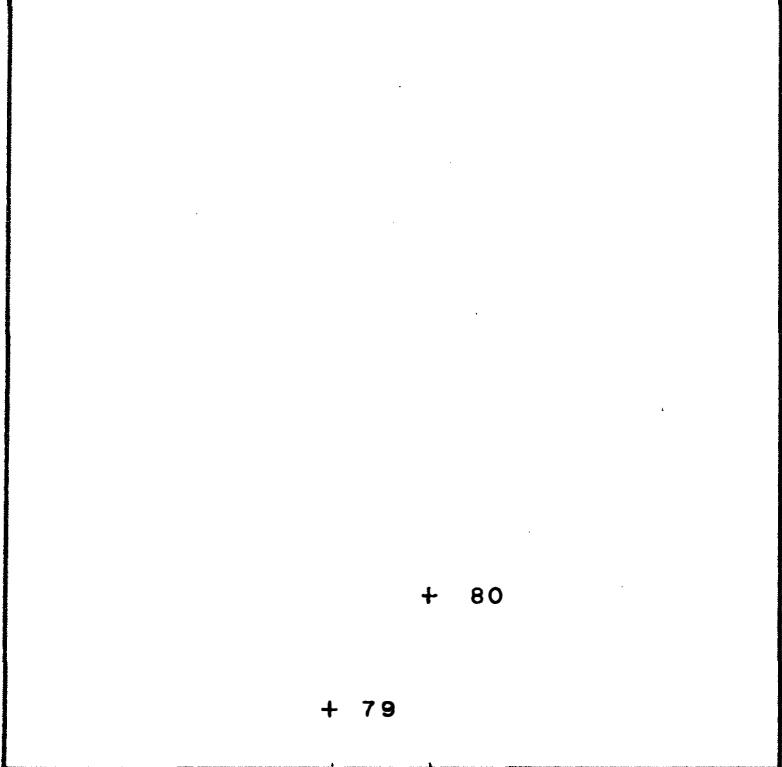
+ 141

+ 142

Scale: 1 inch = 20 chains

5-16-Sec. 21

+ MS-213



+ 80

+ 79

Scale: 1 inch = 20 chains

5-16-Sec. 29

+ MS-213

+ 81

Scale: 1 inch = 20 chains

5-16-Sec. 32

+ MS - 213

+ + 83
+ 82

Scale: 1 inch = 20 chains

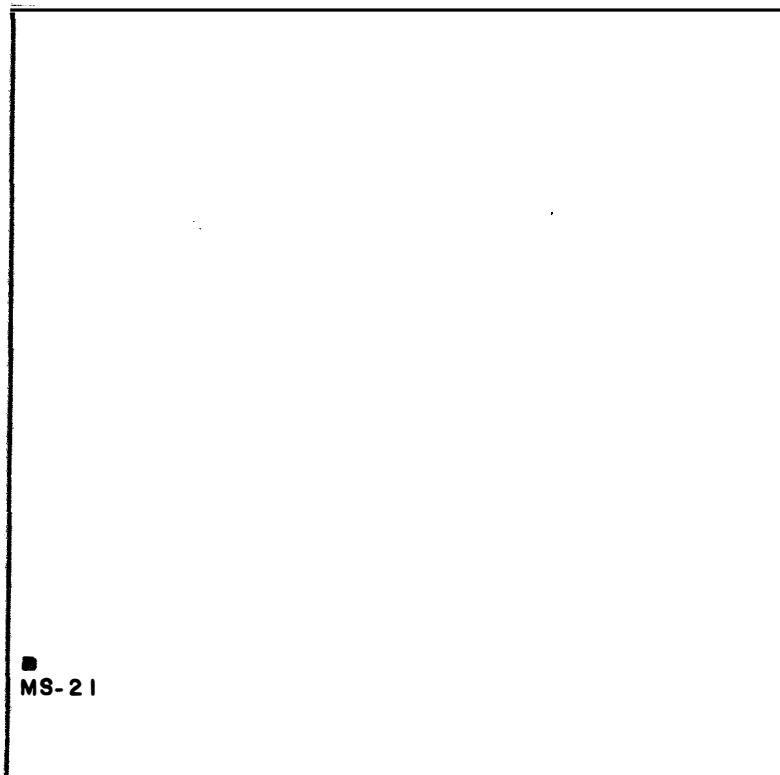
Twp. 6

6-10 - Sec. 3

MS-21

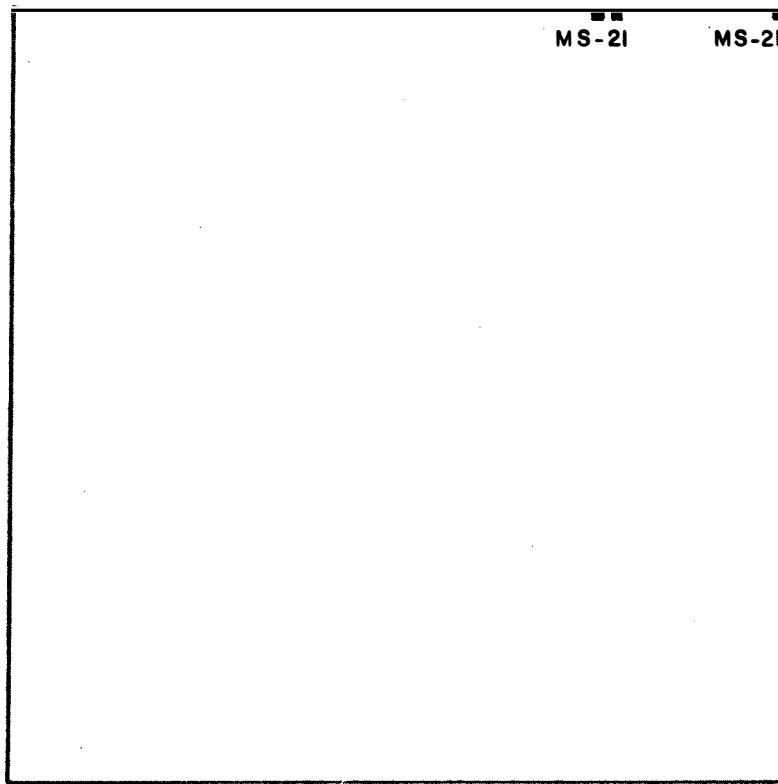
Scale: 1 inch = 20 chains

6-10 - Sec. 4



Scale: 1 inch = 20 chains

6-10 - Sec. 6



6-10 - Sec. 10

MS-21

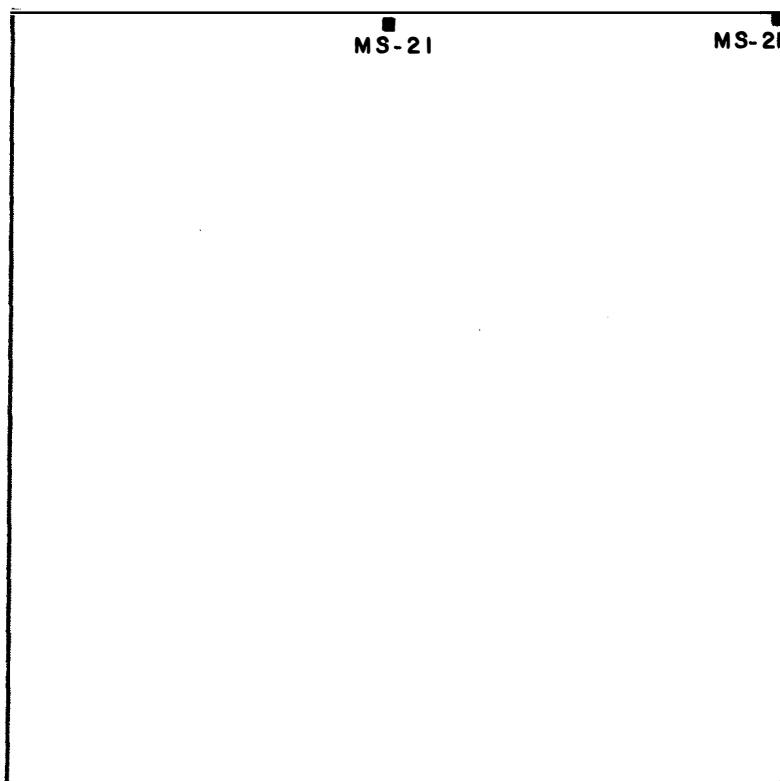
Scale: 1 inch = 20 chains

6-10 - Sec. II

MS-21

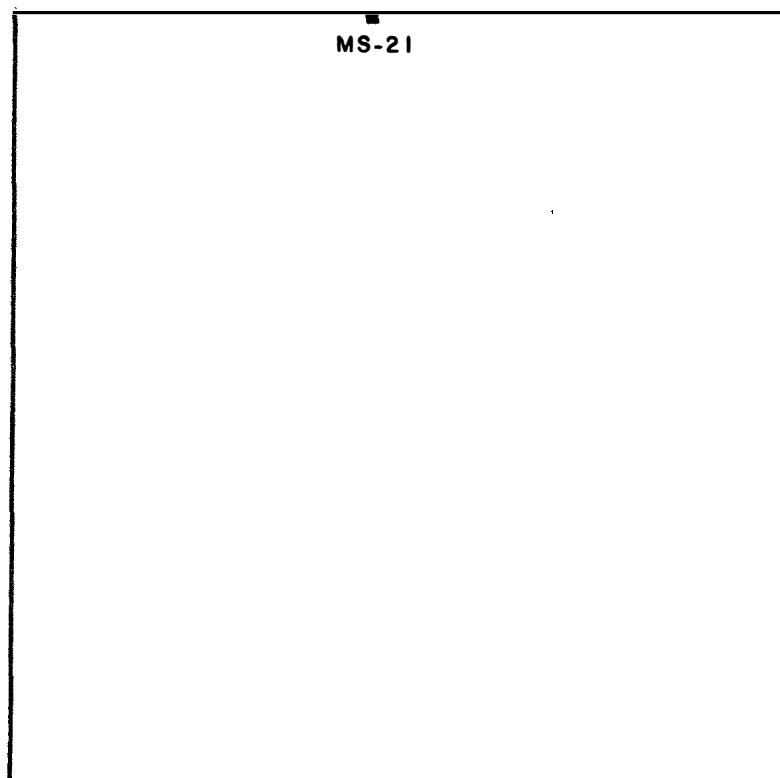
Scale: 1 inch = 20 chains

6-10 - Sec. 21



Scale: 1 inch = 20 chains

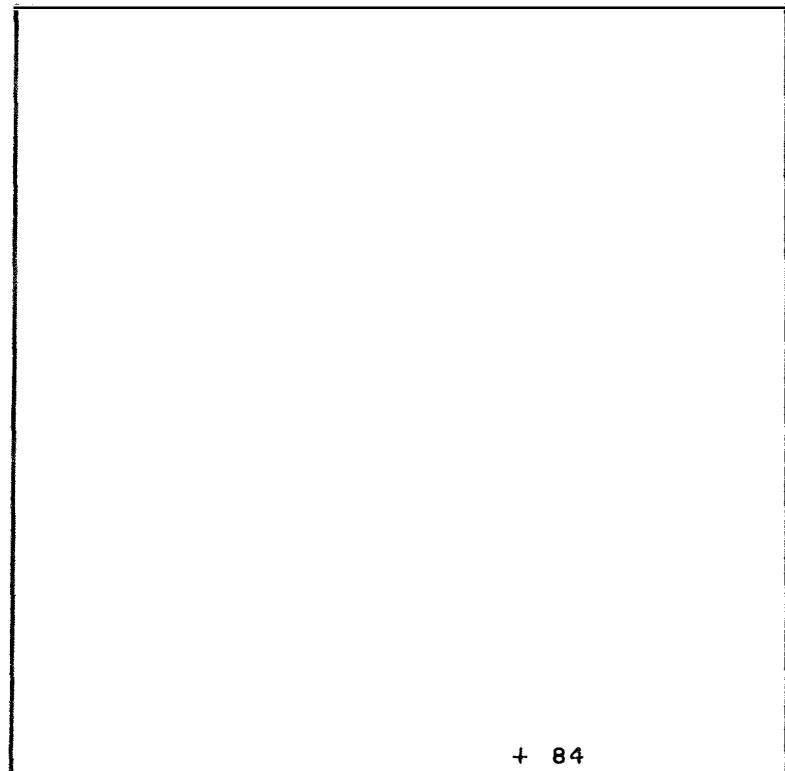
6-10- Sec. 26



Scale: 1 inch = 20 chains

6-15 - Sec. I

+ MS-213

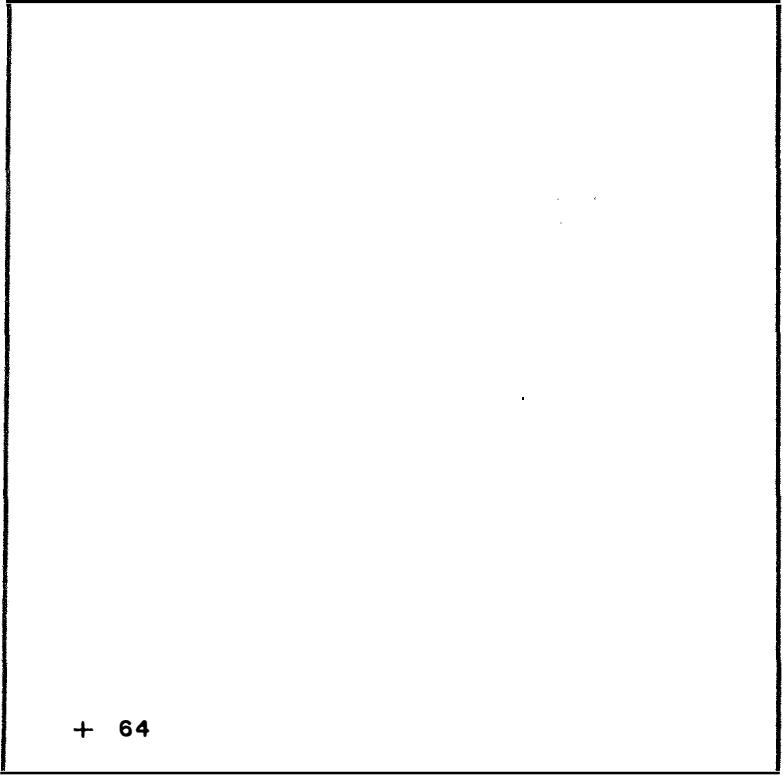


+ 84

Scale: 1 inch = 20 chains

6-16 - Sec. 6

+ MS-213



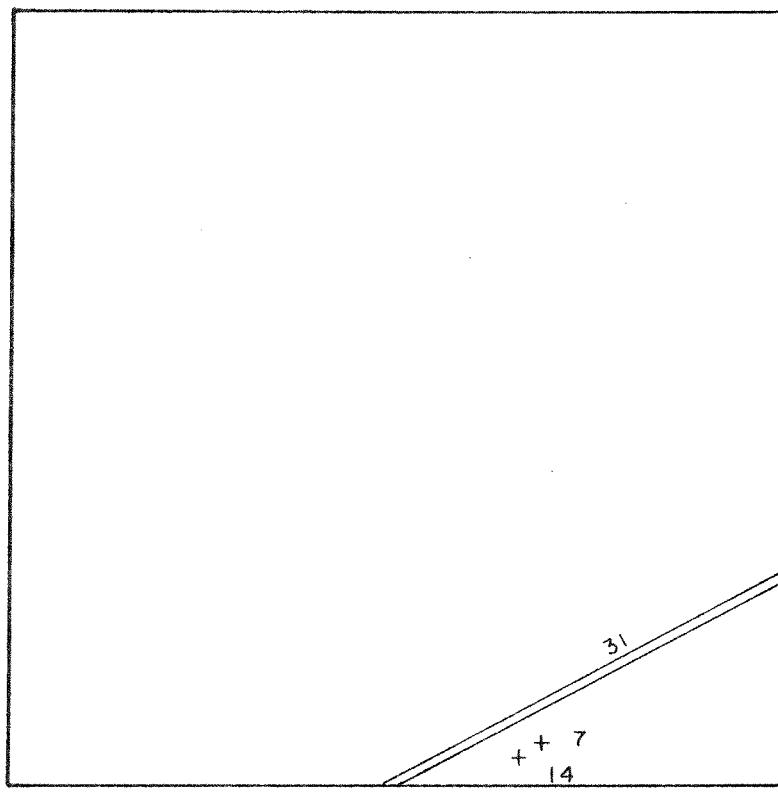
+ 64

Scale: 1 inch = 20 chains

Twp. 7

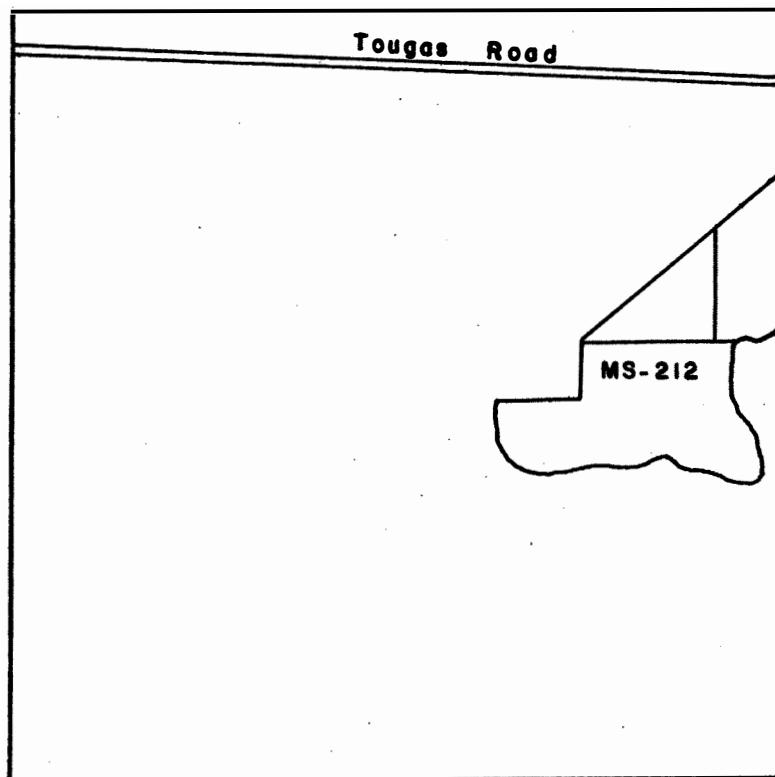
7-10-Sec. 2

+ MS-213



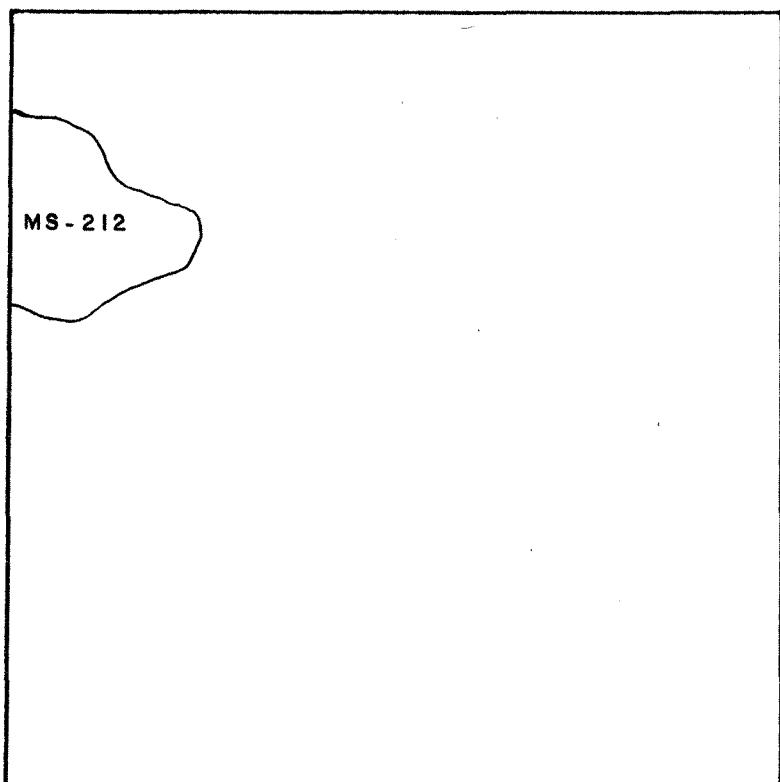
Scale: 1 inch = 20 chains

7-10-Sec. 8



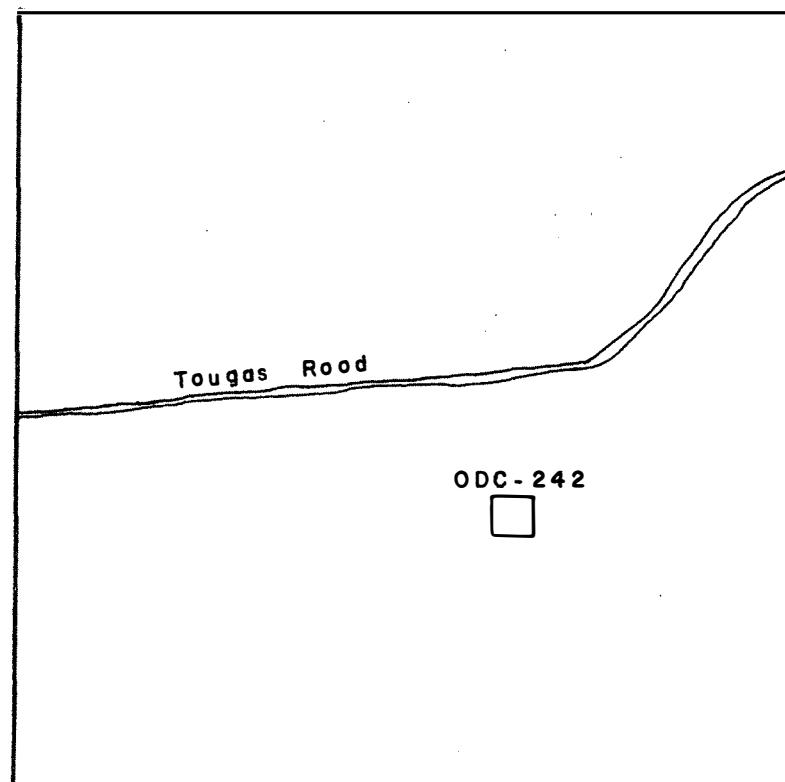
Scale: 1 inch = 20 chains

7-10 - Sec. 9



Scale: 1 inch = 20 chains

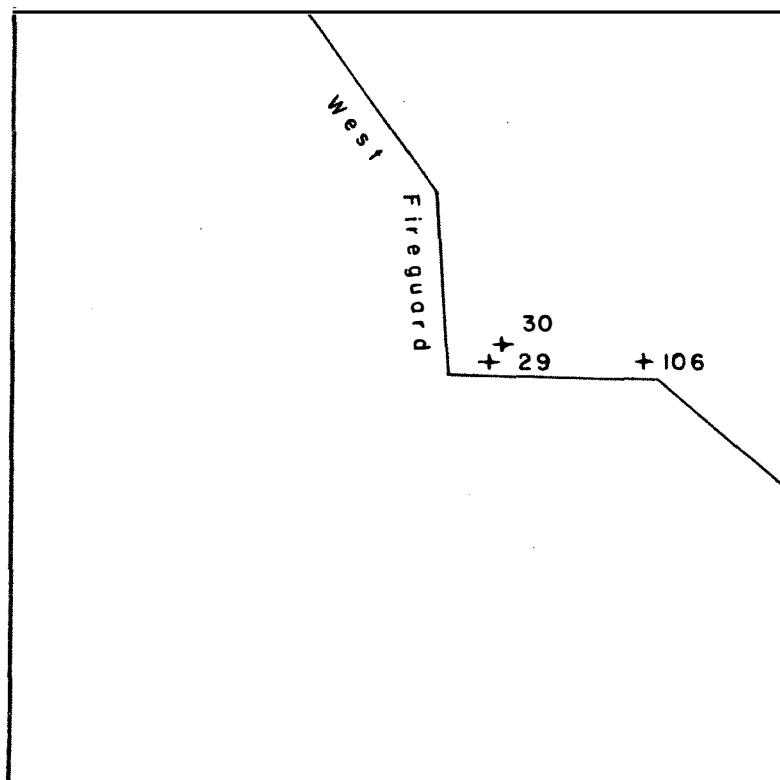
7-10-Sec. 13



Scale: 1 inch = 20 chains

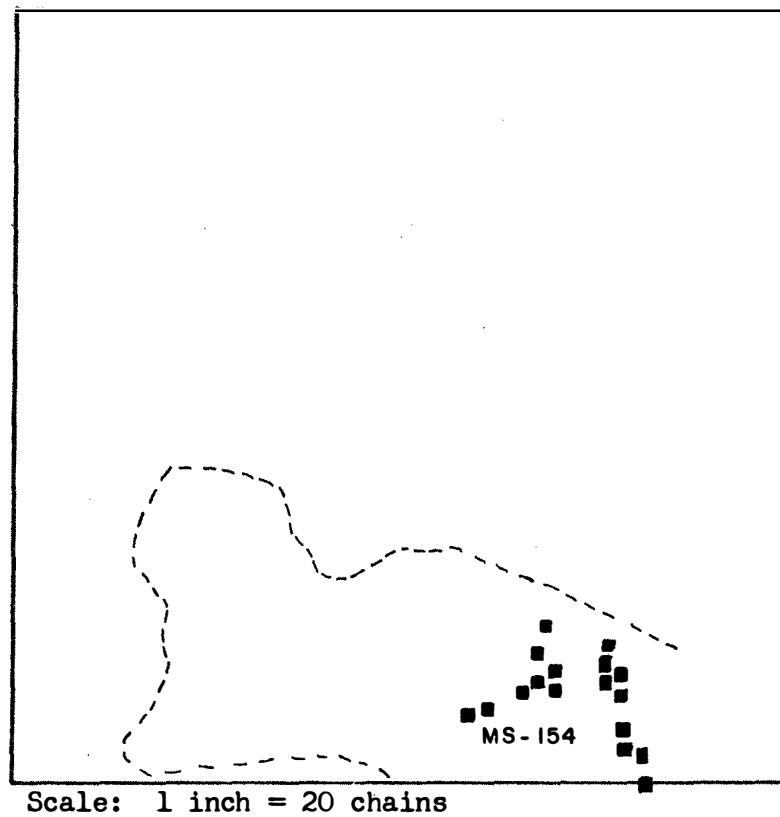
7-10- Sec. 19

+ MS-213



Scale: 1 inch = 20 chains

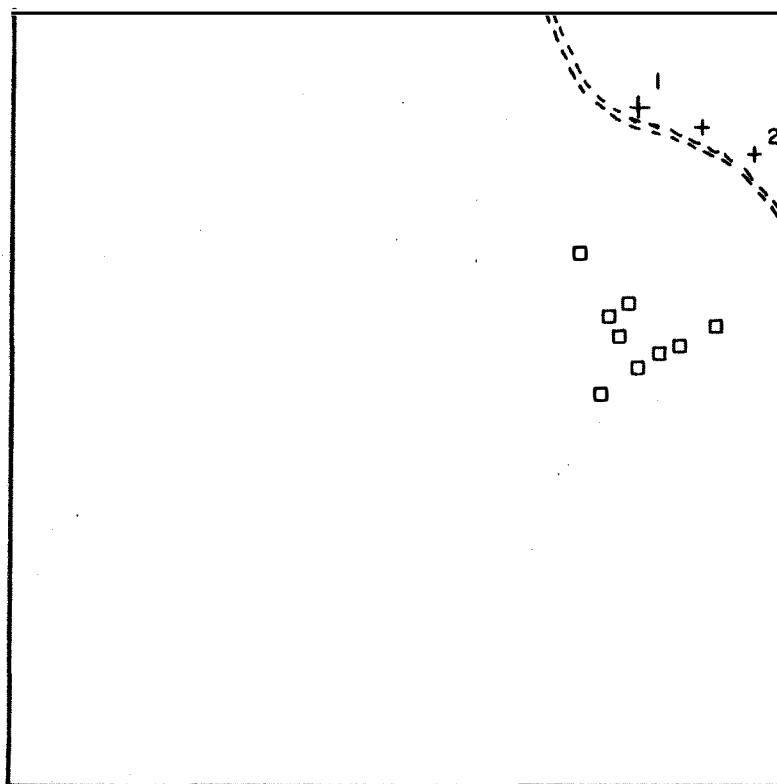
7-10-Sec. 21



7-10-Sec. 25

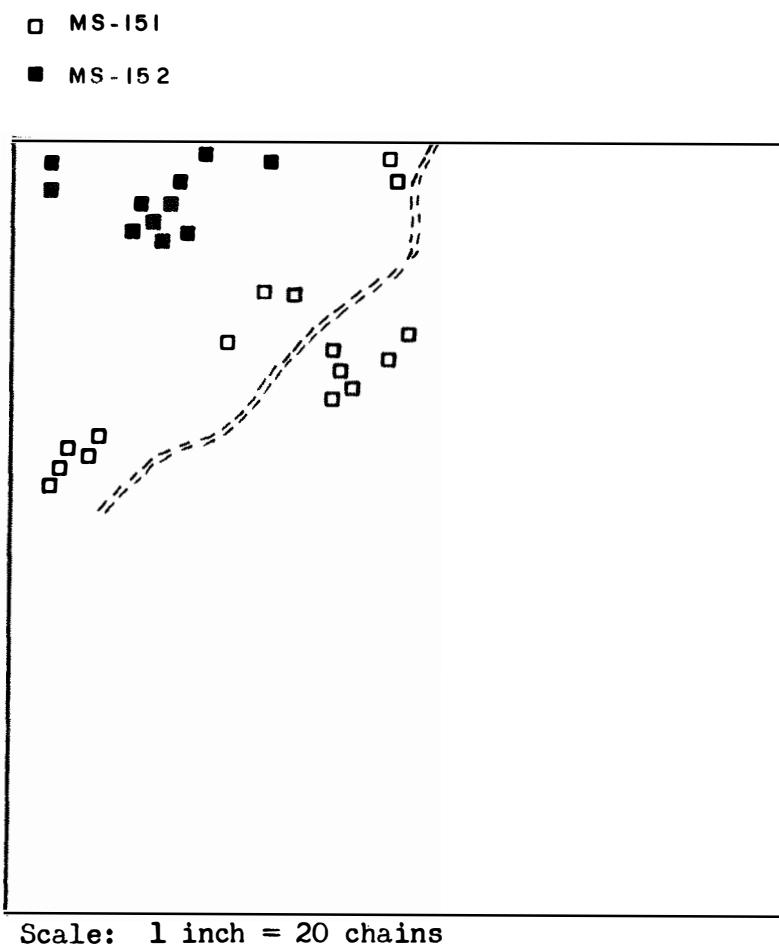
+ MS-213

□ MS-151



Scale: 1 inch = 20 chains

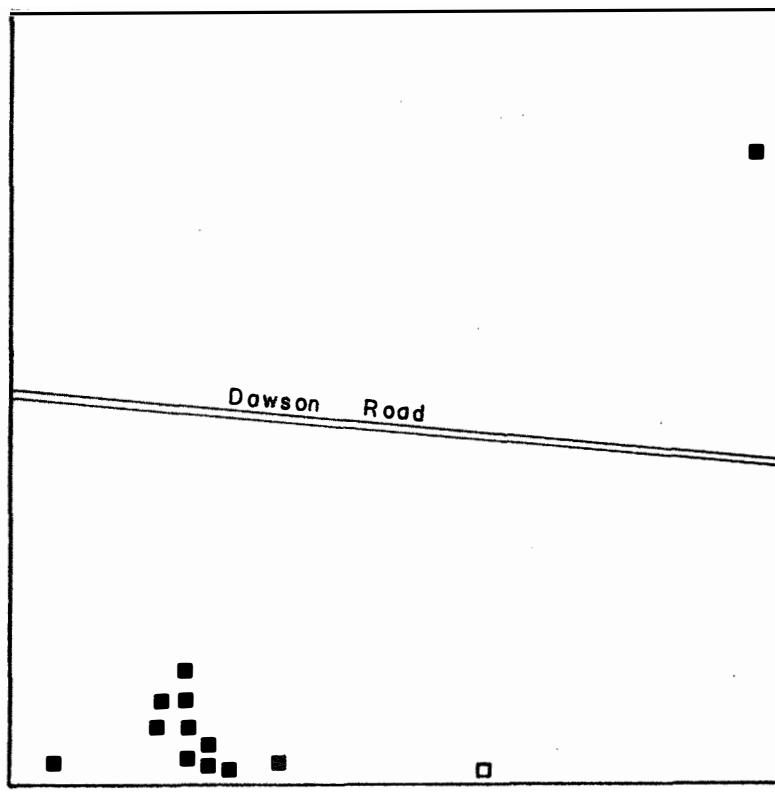
7-10-Sec. 27



7-10-Sec. 34

□ MS-151

■ MS-152



Scale: 1 inch = 20 chains

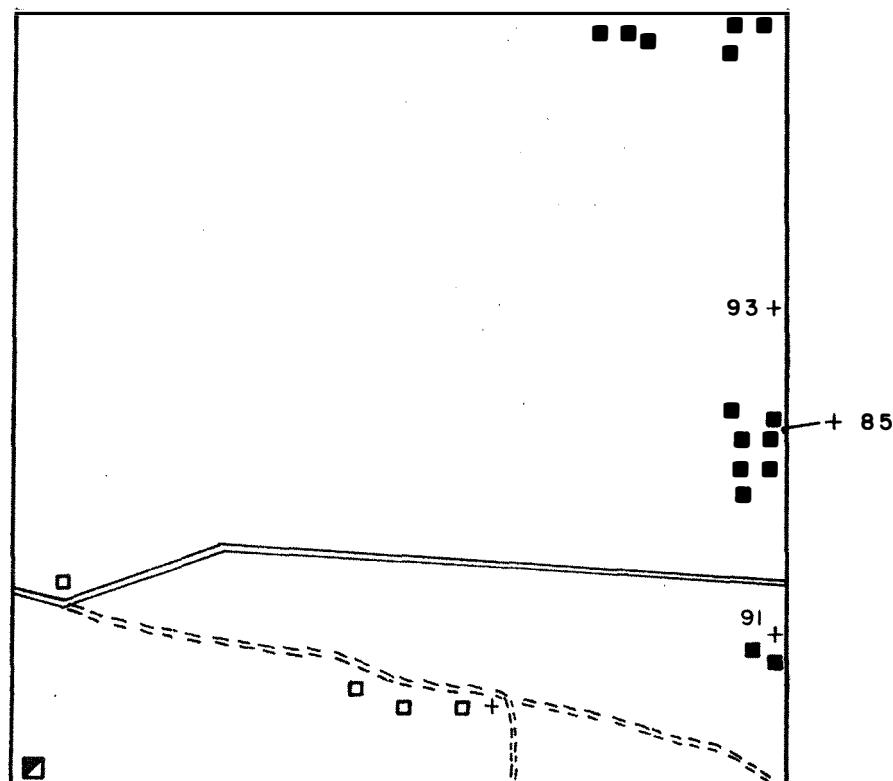
7-10-Sec. 36

+ MS - 213

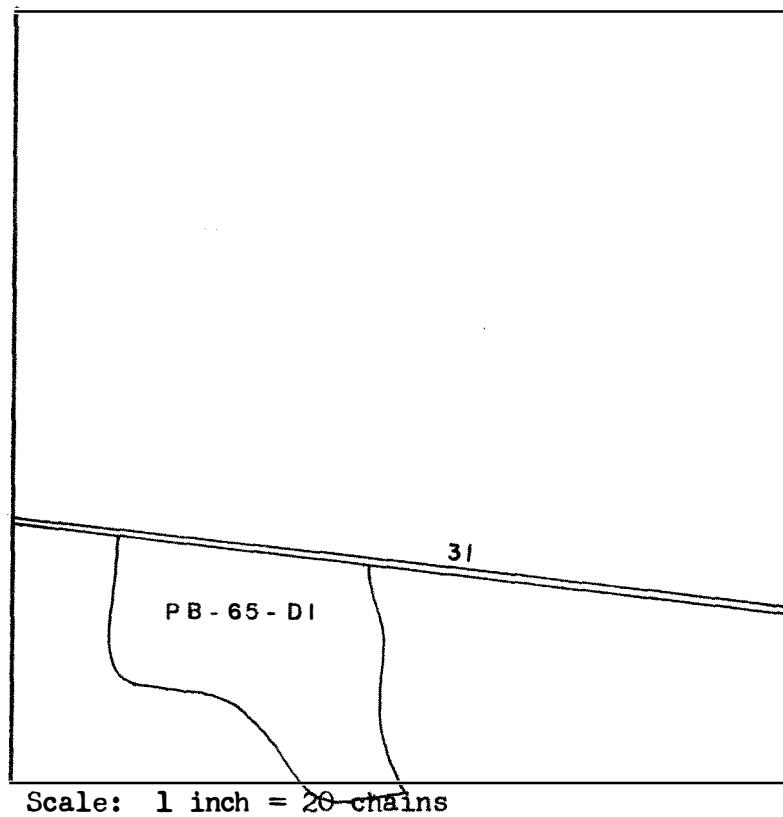
■ MS - 237

□ MS - 151

■ MS - 152



7-II - Sec. 5



7-II - Sec. 13

+ MS-213

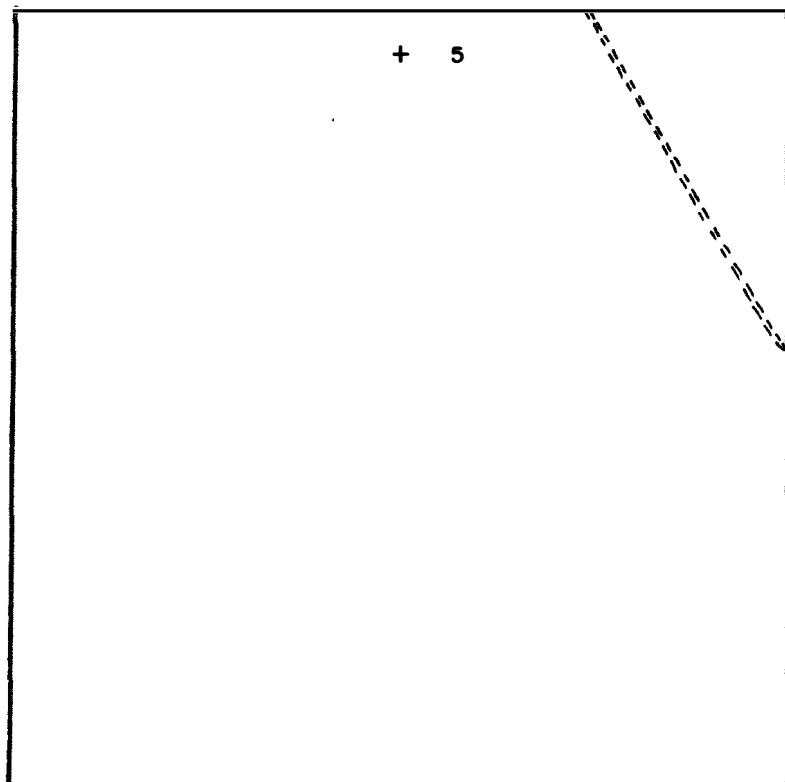
66
+ 67
68

+ 110

Scale: 1 inch = 20 chains

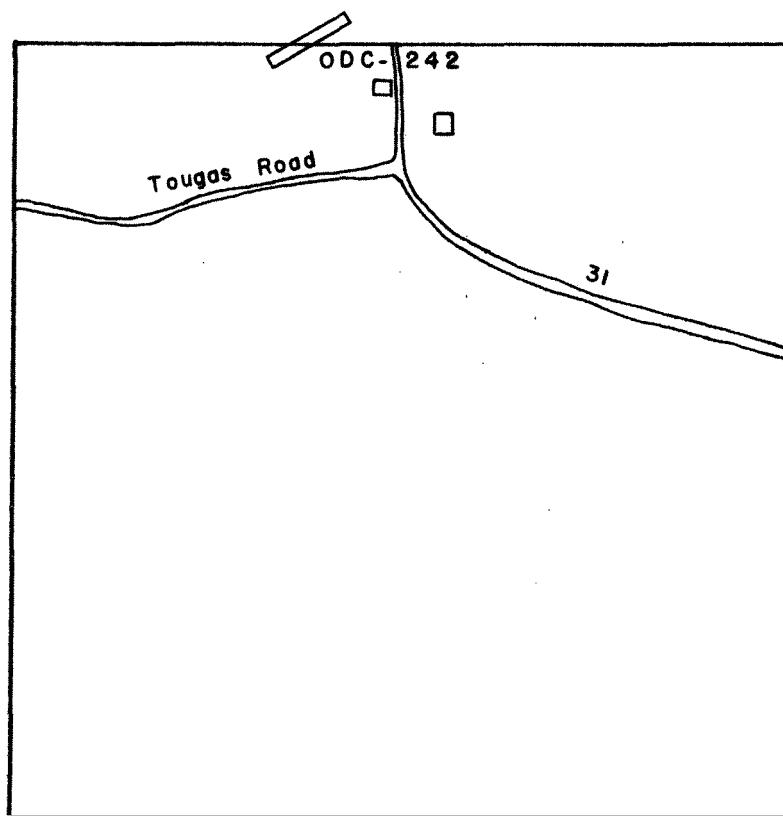
7-II - Sec. 16

+ MS- 213



Scale: 1 inch = 20 chains

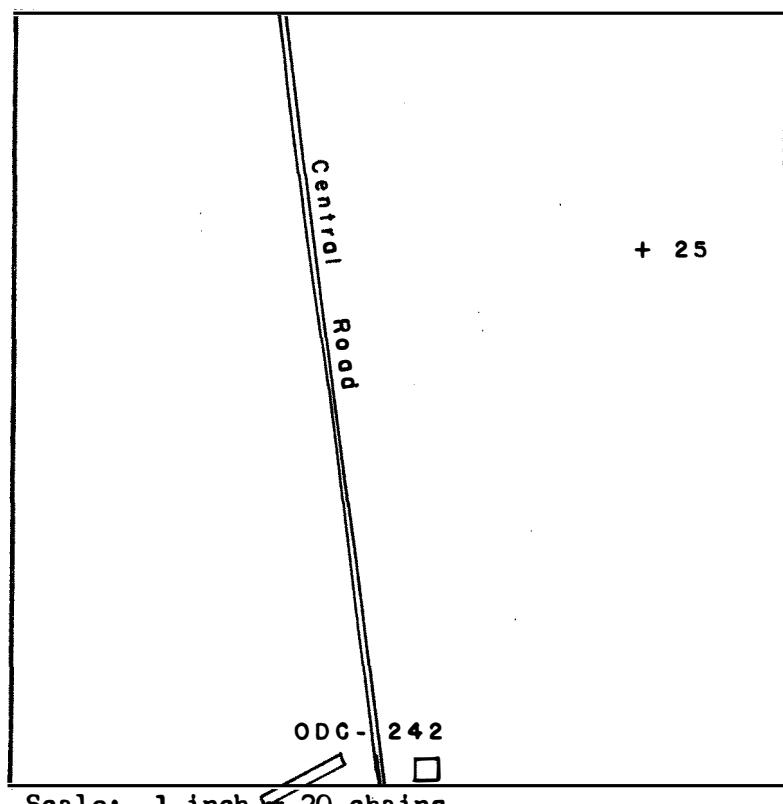
7-11-Sec. 18



Scale: 1 inch = 20 chains

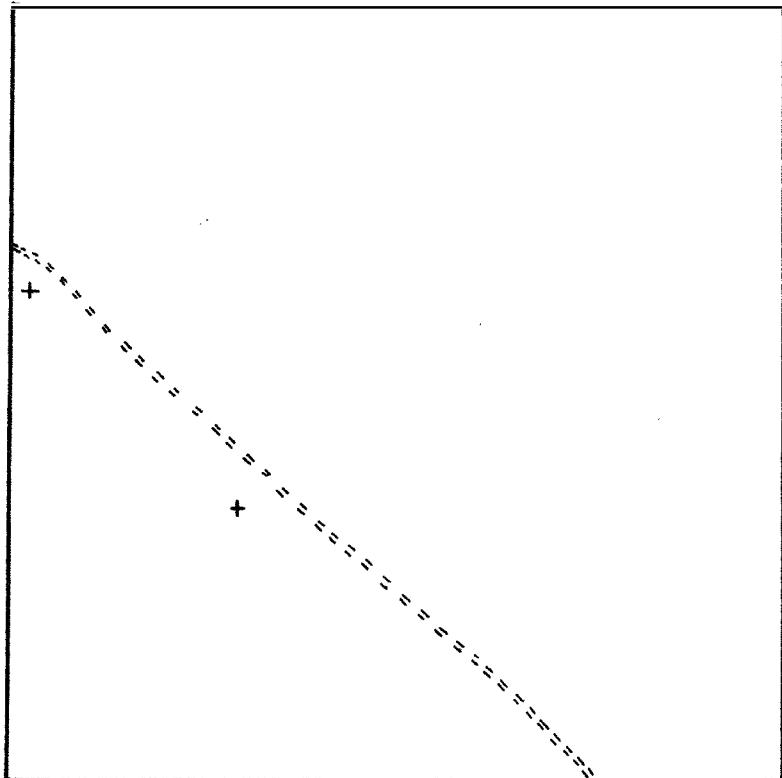
7-II-Sec.19

+ MS-213



7-II-Sec. 21

+ MS-213



Scale: 1 inch = 20 chains

7-11-Sec. 23

+ MS-213

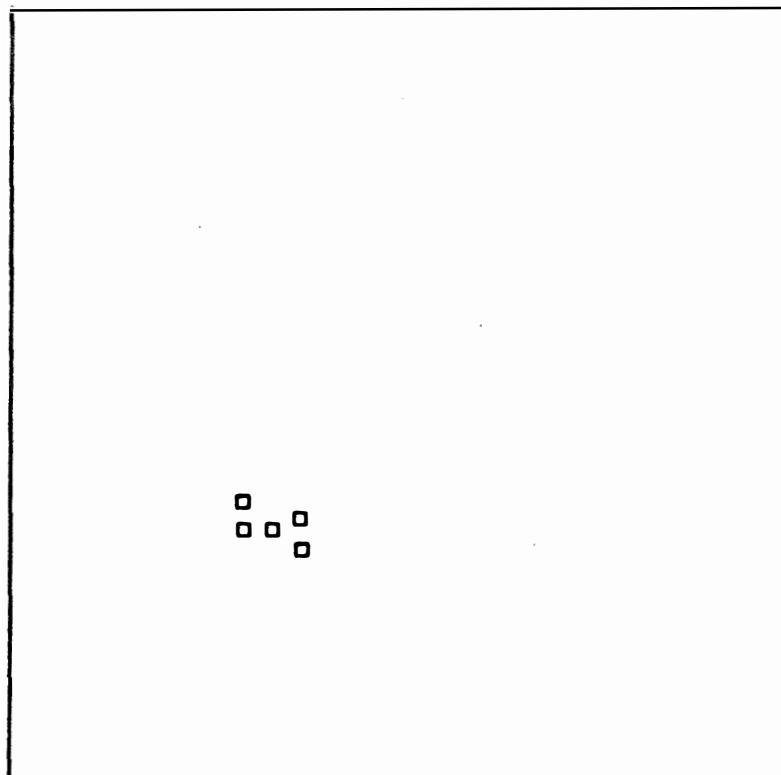
+ III

+ II2

Scale: 1 inch = 20 chains

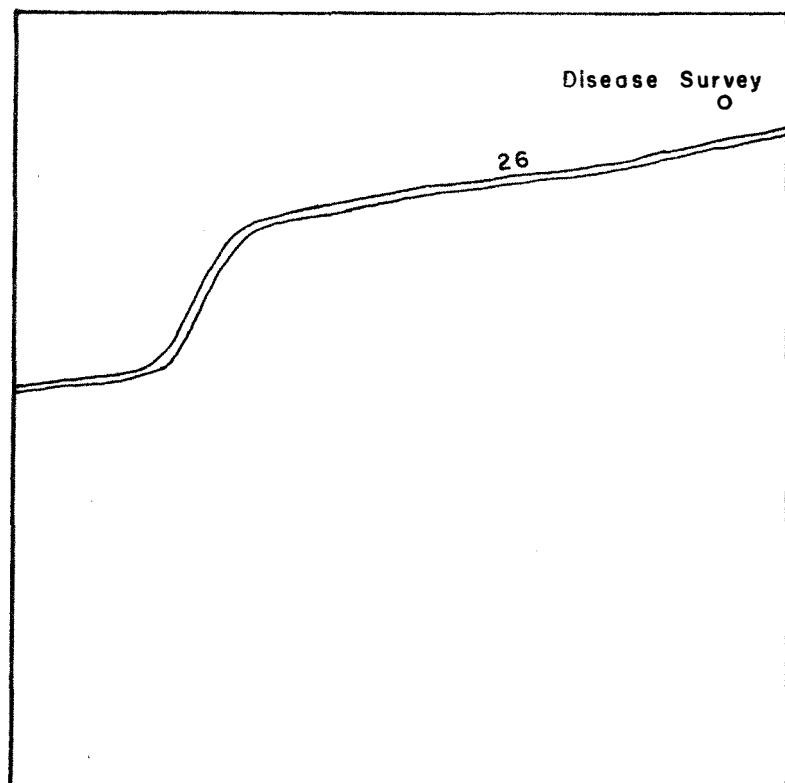
7-II-Sec. 30

□ MS-151



Scale: 1 inch = 20 chains

7-11- Sec. 32

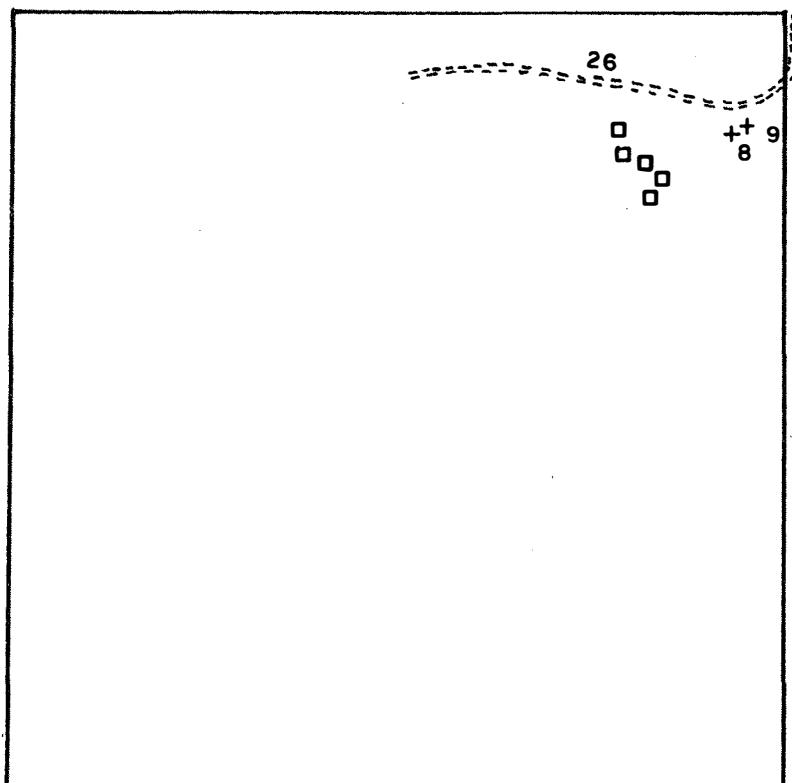


Scale: 1 inch = 20 chains

7-II-Sec. 33

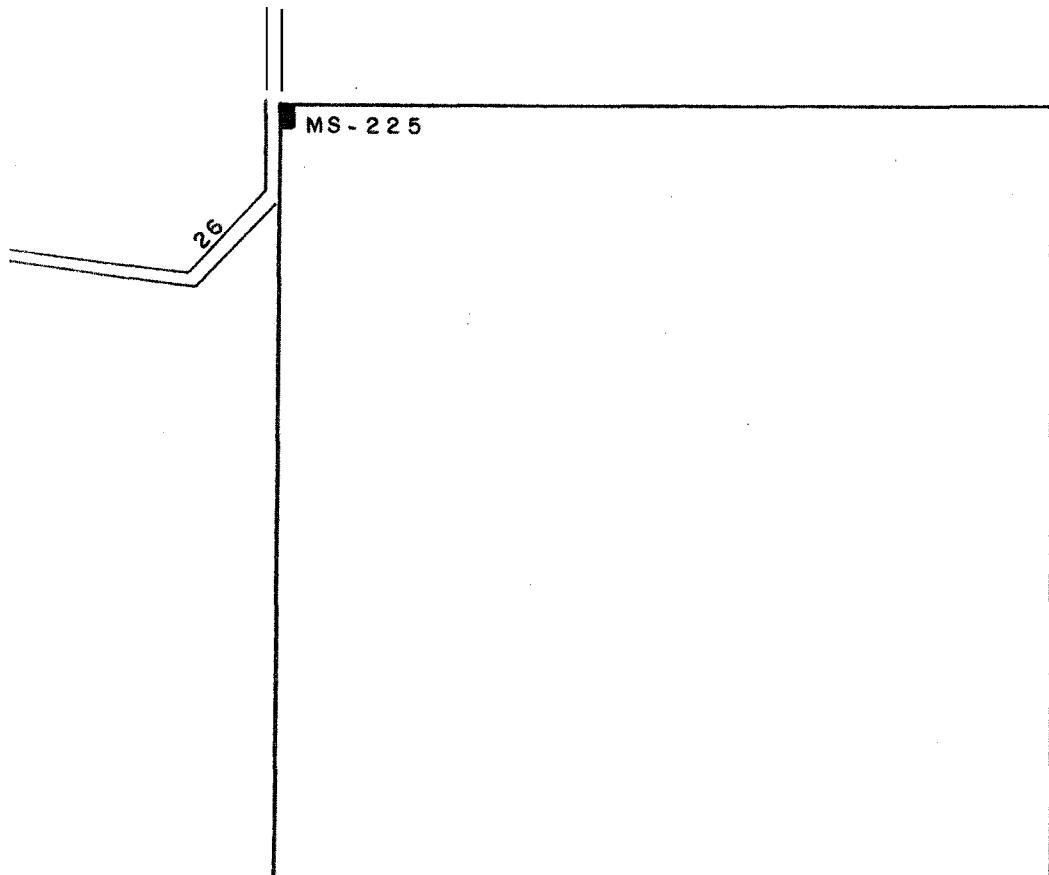
+ MS-213

□ MS-151



Scale: 1 inch = 20 chains

7-II- Sec. 34



Scale: 1 inch = 20 chains

7 - II - Sec. 36

+ MS - 213

+ 3

Scale: 1 inch = 20 chains

7-12 - Sec. 20

+ MS - 213

+ 109

Scale: 1 inch = 20 chains

7-12-Sec. 21

+ MS-213

+ 73

+ 78

Scale: 1 inch = 20 chains

7-12-Sec. 23

+ MS-213

+ 108

Scale: 1 inch = 20 chains

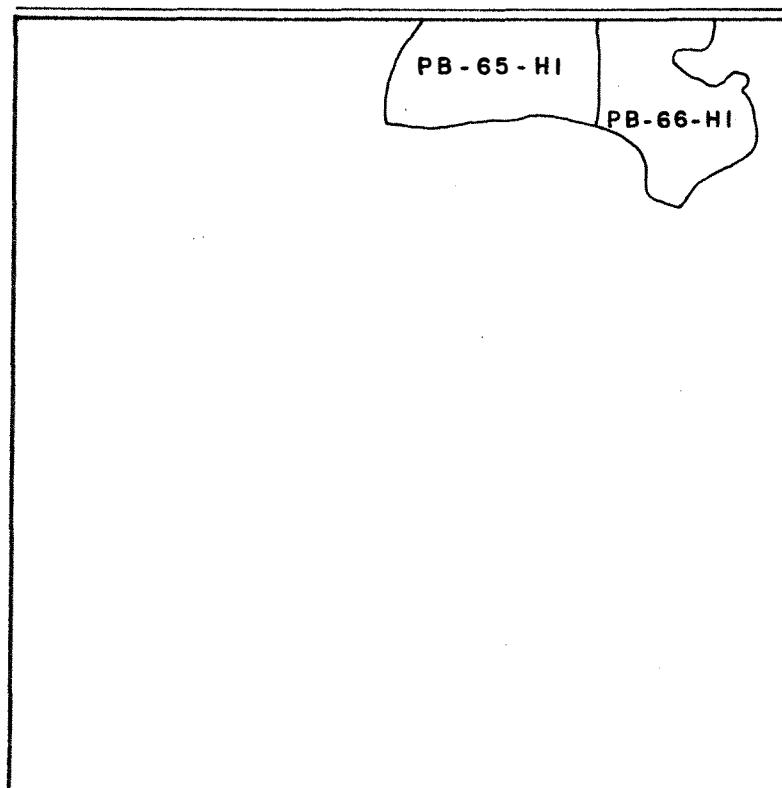
7-12 - Sec. 24

+ MS-213

+ 72

Scale: 1 inch = 20 chains

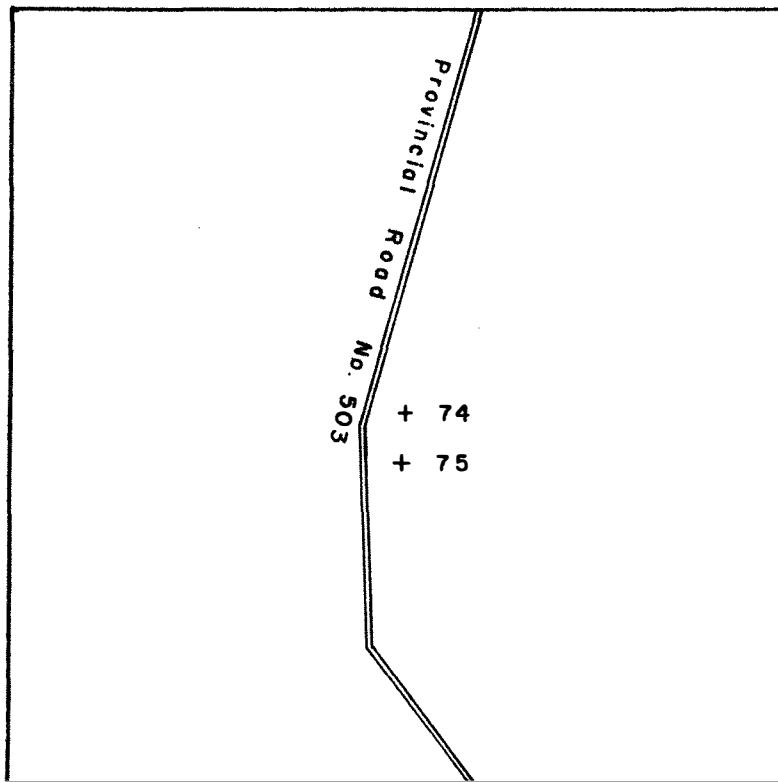
7-12 - Sec. 28



Scale: 1 inch = 20 chains

7-12-Sec. 29

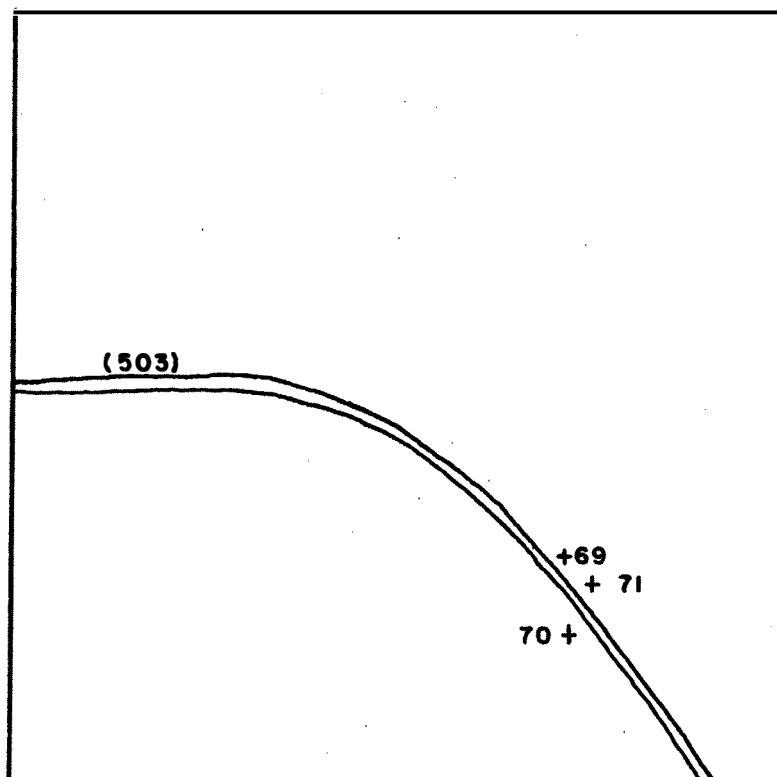
+ MS-213



Scale: 1 inch = 20 chains

7-13 - Sec. 18

+ MS-213



Scale: 1 inch = 20 chains

7-14-Sec. I

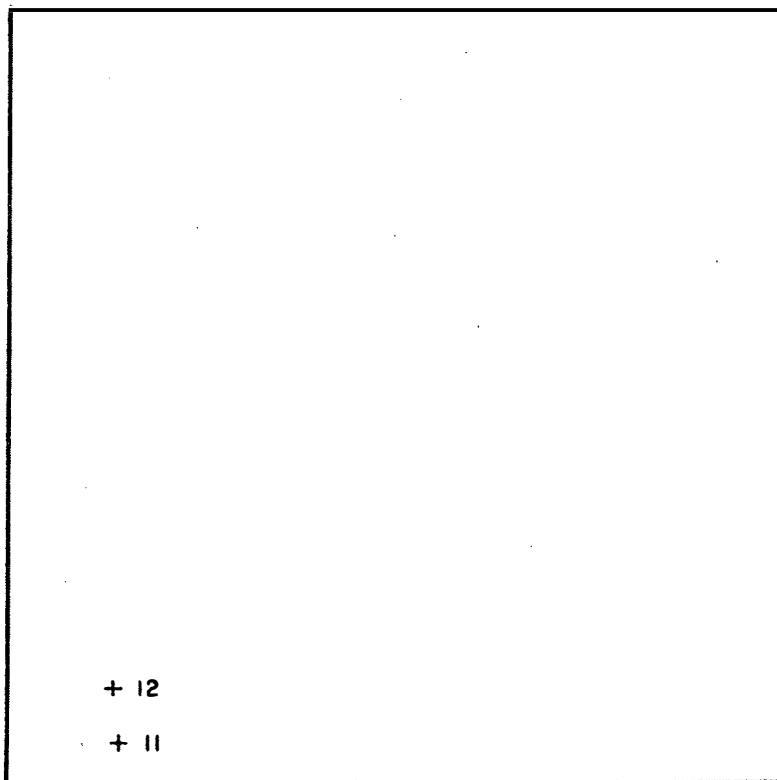
+ MS-213

+ 13

Scale: 1 inch = 20 chains

7-14-Sec. 15

+ MS-213



+ 12

+ 11

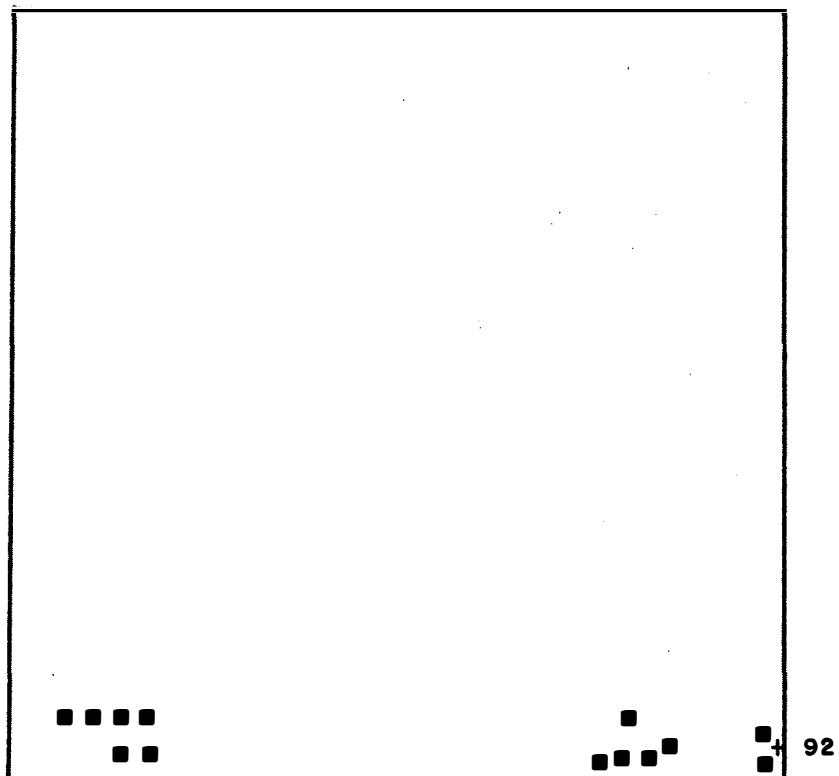
Scale: 1 inch = 20 chains

Twp. 8

8-10-Sec. I

+ MS - 213

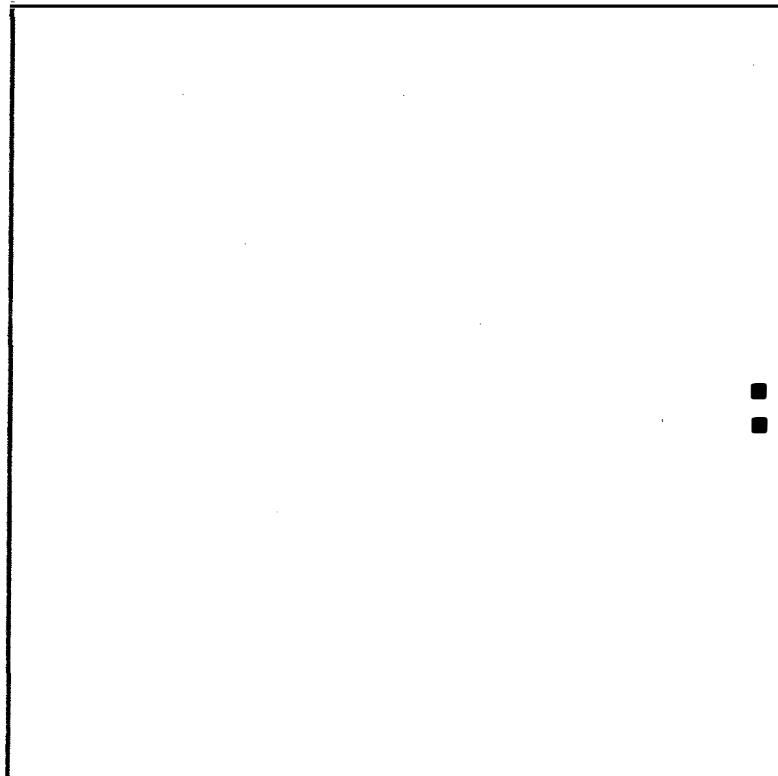
■ MS - 152



Scale: 1 inch = 20 chains

8-10- Sec. 3

■ MS-152

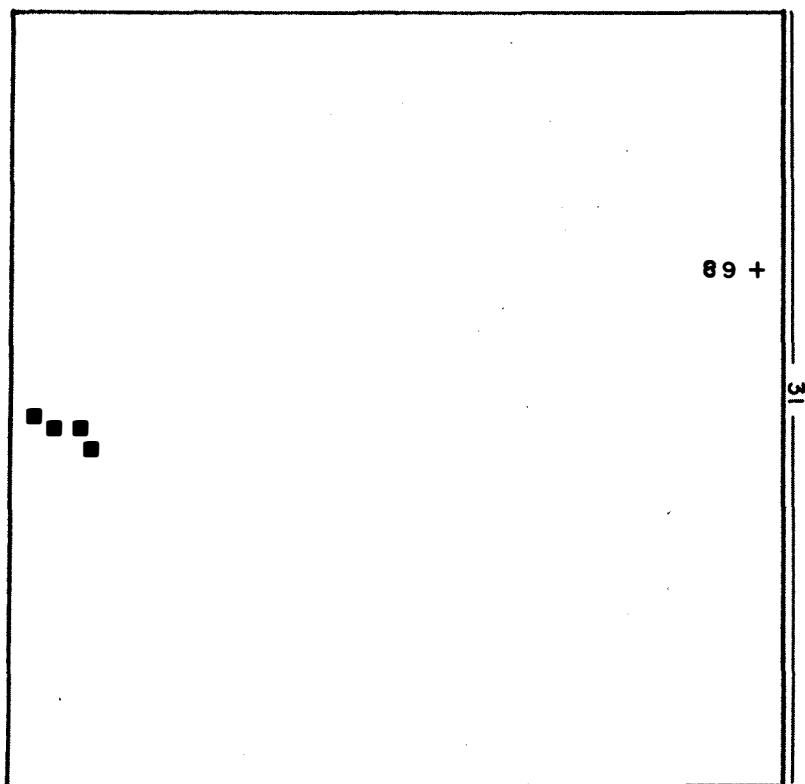


Scale: 1 inch = 20 chains

8-10- Sec. 12

+ MS-213

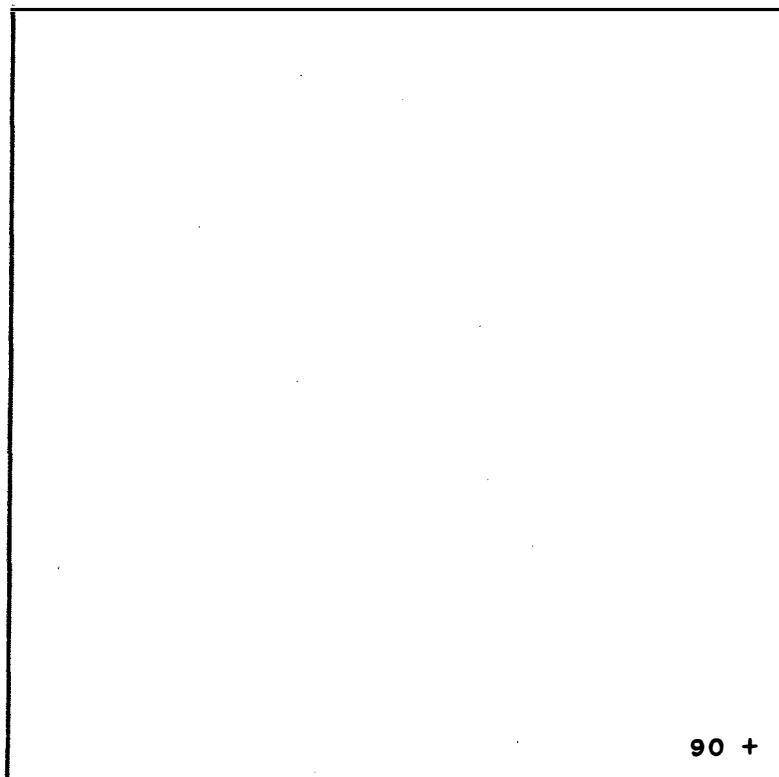
■ MS-152



Scale: 1 inch = 20 chains

8-10-Sec. 13

+ MS- 213



90 +

Scale: 1 inch = 20 chains

8-II - Sec. 2

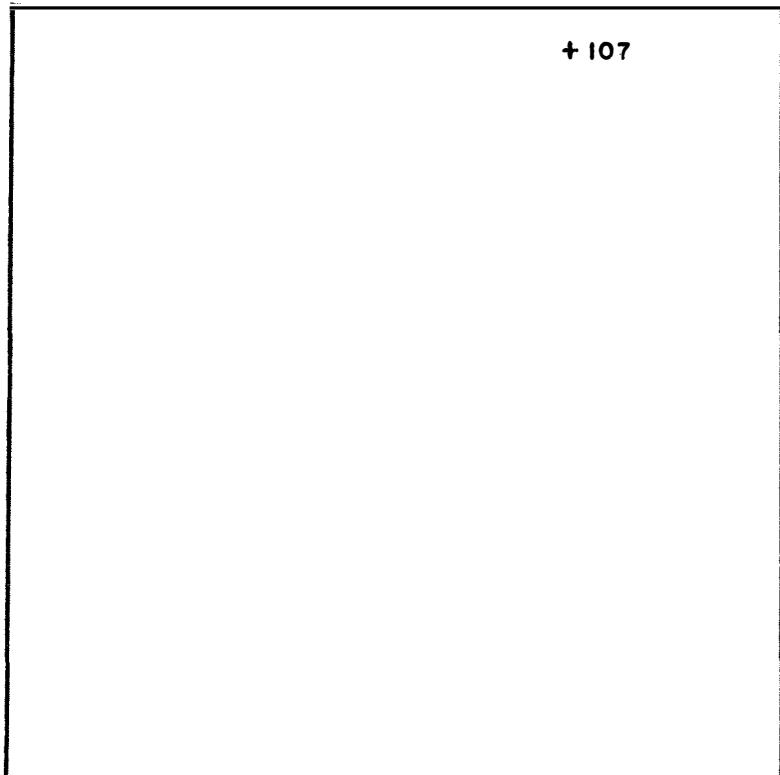
+ MS-213

+ 10

Scale: 1 inch = 20 chains

8-II - Sec. 3

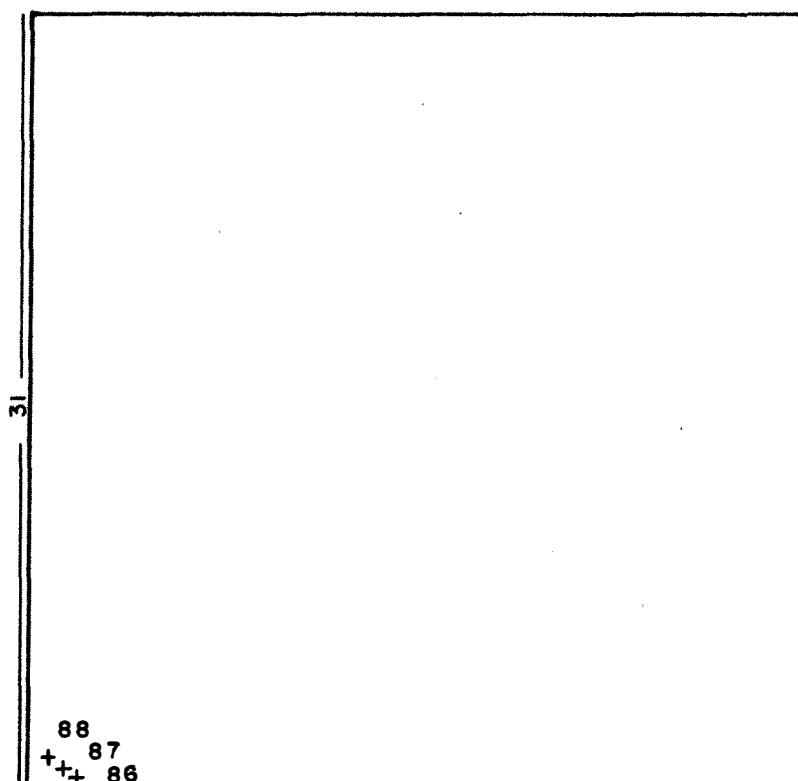
+ MS - 213



Scale: 1 inch = 20 chains

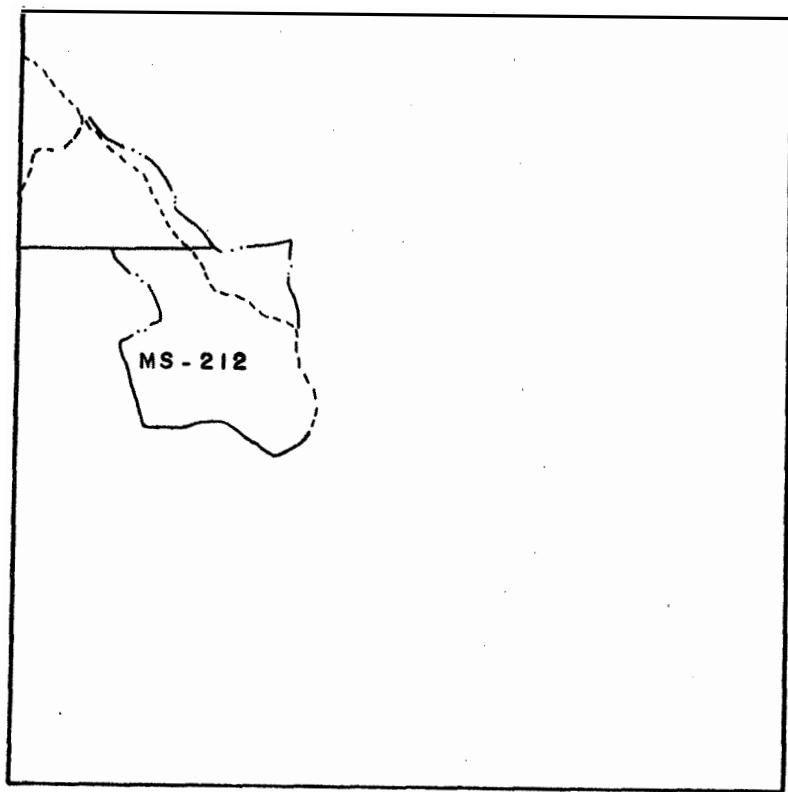
8-11-Sec. 6

+ MS-213



Scale: 1 inch = 20 chains

8-II - Sec. 9



Scale: 1 inch = 20 chains

8-II - Sec. II

+ MS-213

+ 27

Scale: 1 inch = 20 chains

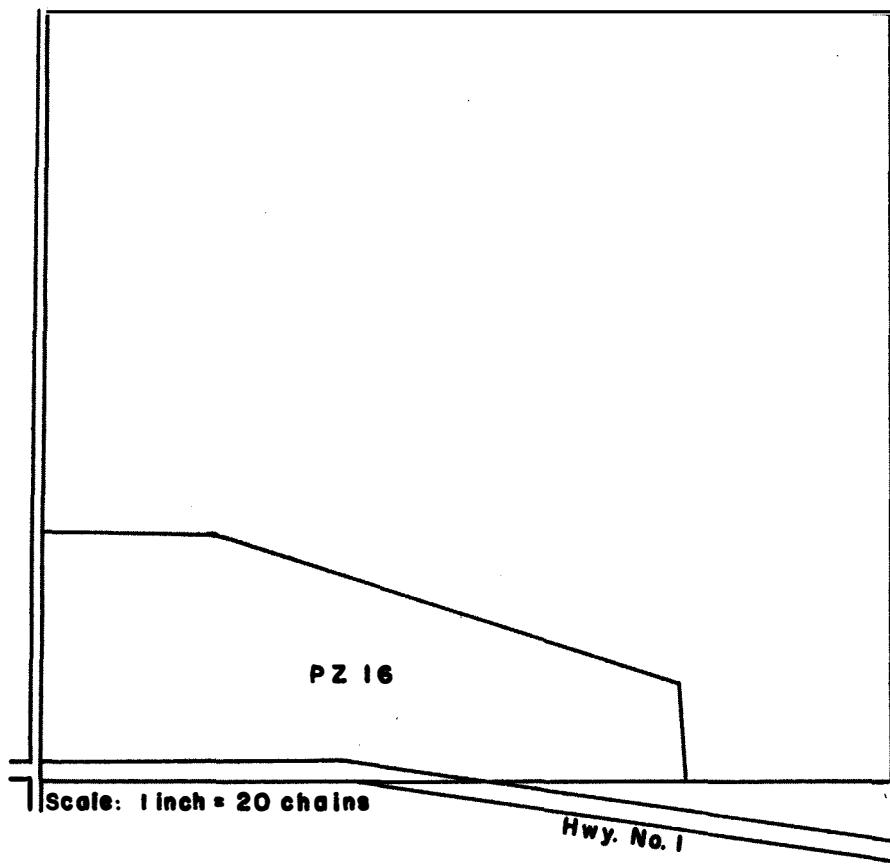
8-II - Sec. I2

+ MS-213

+ 28

Scale: 1 inch = 20 chains

8-II-Sec.19



8-12-Sec. 6

+ MS-213

+ 77
+ 76

Scale: 1 inch = 20 chains

Projects



Project No: MS-21
 Title: Rate of growth survey
 Investigator: I.E. Bella
 Section: Silviculture (Head, J. M. Jarvis)

Location:

Township	Range	Section	Plot Nos. (all 1/10 acre)
5	9	3	15
		10	17
		13	20
		23	25
		24	28
		25	29, 30
5	10	6	46
		17	50
		19	42
		20	52
		30	41
		31	55
6	10	3	91
		4	84
		6	86, 87, 88
		10	96
		11	95
		21	105, 106
		26	108

Project No: MS-151
Title: Growth and yield of jack pine, Sandilands
Investigator: I.E. Bella
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos. (all 1/5 acre)
7	10	25	283, 286 - 293
		27	207, 208, 213, 215 - 227
		34	206
		36	258, 260, 261, 265
	11	30	305 - 307, 320, 321
		33	322 - 326

MS-152

Project No: MS-152
Title: Growth and yield of black spruce
Investigator: I.E. Bella
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos. (all 1/5 acre)
7	10	27	174, 177, 224-227, 236-240
		34	173, 175, 176, 178, 179
		36	180, 182, 220-223, 228
8	10	1	192-197, 199, 200, 201
		3	203, 205, 206, 212-214
		12	162, 166, 168-171, 202
			204, 207-211
			181, 183
			185, 188-190

MS-154

Project No: MS-154
Title: Multiple thinning in jack pine
Investigator: I.E. Bella
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section
7	10	21

MS-179

Project No: **MS-179**
Title: **Releasing red pine**
Investigator: **R.C. Dobbs**
Section: **Silviculture (Head, J.M. Jarvis)**

Location:

Township	Range	Section	Plot Nos.
1	12	22	3, 4

MS-187

Project No: MS-187
Title: White spruce provenance experiment
Investigator: K.J. Roller
Section: Tree improvement (Head, F.B. Armitage)

Location:

Township	Range	Section
2	12	14

MS-189

Project No: MS-189
Title: Merchantable thinning in jack pine stands
Investigator: I.E. Bella
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section
1	12	26 35 36
2	12	1 2

Project No: MS-207
Title: A study of jack pine seedfall
Investigator: H.P. Sims
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos.
1	12	12 14 22 24 25	20 yr. - dense 60 yr. - open 60 yr. - dense 40 yr. - open 20 yr. - open 40 yr. - dense

MS-212

Project No: MS-212
Title: Clear cutting and clear cutting in strips, seedbed preparation, and scattering slash in jack pine stands to secure jack pine regeneration.
Investigator: R.C. Dobbs
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos.
1	13	25	18, 21, 26, 33
2	11	7	27, 28, 34, 35
		18	16, 17
		22	19, 20
3	11	14	14, 15
		33	29, 30
4	10	31	36, 37
7	10	8	31, 32, 38, 39
		9	22, 23
8	11	9	40, 41
			40, 41

Project No: MS-213
 Title: Ecological classification of the Rainy River Forest
 Section
 Investigator: E.T. Oswald
 Section: Land Classification (Head, S.C. Zoltai)

Location:

Township	Range	Section	Plot Nos. (all 1/5 acre)
1	11	23	130
		27	114
		31	35
		32	38
		33	36, 37
1	12	27	117
		34	137
1	13	1	125
		24	65
		25	129, 134
		29	54
		30	55
1	14	10	115, 116
		19	56
		22	118, 119
2	10	9	32, 33, 34
2	11	7	39, 42 (cut)
		8	41
		17	40, 43
		20	45
		21	44
		29	46
2	14	9	126
		10	?
2	15	36	131
3	12	6	47
3	13	29	120, 121
3	15	1	127, 132
3	16	1	57
		2	63
		5	128
		12	58
		13	62
		24	60
		25	59, 64
4	9	1	139
		2	140
		3	124

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Plot Nos. (all 1/5 acre)</u>
4	9	22 25	101, 102 17, 18 (26)*
4	10	20 31 32	19 20 (27) 21
4	12	14 15	123 51 (25)
4	13	10 11	122 113, ?
4	14	3 4 5 9 33	96 (23) 97 98 53 (24) 135, 136
5	9	15 23 24 26 27 35	48, 50 16 49 15, 23, 99, 104, 105 100, 103 (29) 24
5	10	5 16 28	22 (28) 26 95, 138
5	14	9	141, 142
5	16	21 29 32	79, 80 81 82, 83
6	15	1	84
6	16	6	64
7	10	2 19 25 36	7, 14 29 (31), 30 (32), 106 (30) 1 (2), 2 (3), ? (4) ? (1), 85 (6), 91 (5), 93 (7)
7	11	13 16 19 21 23 33 36	66, 67, 68, 110 5 25 4, 6 111, 112 8 (14), 9 (15) 3

*Numbers in parentheses represent water table sampling stations.

<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Plot Nos. (all 1/5 acre)</u>
7	12	20	109 (19)
		21	73, 78
		23	108
		24	72
		29	74 (18), 75 (17)
7	13	18	69, 70 (20), 71 (21)
7	14	1	13
8	10	15	11 (22), 12
		1	92 (8)
		12	89 (12)
		13	90 (13)
8	11	2	10
		3	107 (16)
		6	86 (11), 87 (10), 88 (9)
		11	27
		12	28
8	12	6	76, 77

MS-222

Project No: MS-222
Title: Characteristics of soil temperature and moisture,
germination of jack pine seed, and seedling
establishment on seedbeds created by a Middlebuster plow.
Investigator: H.P. Sims
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos.
1	13	25	26, 33 of MS-212

MS-223

Project No: MS-223
Title: A comparison of Arasan-endrin formulations on the
germination of conifer seed.
Investigator: R.C. Dobbs
Section: Silviculture (Head, J.M. Jarvis)

Location: _____

Township	Range	Section
1	13	8, 9

Project No: MS-225
Title: Development of individual jack pine seedlings on
burned-over dry sites.
Investigator: H.P. Sims
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section
7	11	34

MS-235

Project No: MS-235
Title: Studies of morphology of jack pine cone opening and
the phenology of seed dispersal and germination.
Investigator: H.P. Sims
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section
1	13	25
2	12	20, 29

MS-236

Project No: MS-236
Title: Spaced plantations
Investigator: I.E. Bella
Section: Silviculture (Head, J.M. Jarvis)

Location: _____

Township	Range	Section
2 4	12 9	14 8

MS-237

Project No: MS-237
Title: Rock shelter planting
Investigator: J.M. Jarvis
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section
1	12	26
5	10	20
7	10	36

Project No: MS-243
Title: The ecological effects of prescribed burning in jack pine.
Investigator: H.P. Sims
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos.
3	11	25	PB-66-W1
3	12	7, 8, 17	4650P
3	12	19, 20	PB-66-P3
5	9	3	4962M and 4963M
5	10	29, 32	PB-64-M1
7	11	5	PB-65-D1

Project No.: MS-245
Title: The use of prescribed burning in jack pine management.
Investigator: R.C. Dobbs
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos.
3	11	25	PB-66-W1
5	9	1	PB-65-M1
5	10	29, 32	PB-64-M1, PB-67-M3
7	11	5	PB-65-D1
7	12	28	PB-65-H1 PB-66-H1

MS-251

Project No: MS-251
Title: Germination of jack pine seed and development of
seedlings on various seedbeds.
Investigator: R.C. Dobbs
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot
2	11	26	PB-66-P2

MS-502

Project No: MS-502
Title: Breeding improved jack pine for the Manitoba-Saskatchewan
Investigator: region. I. First selection cycle.
J.I. Klein
Section: Tree Improvement (Head, F.B. Armitage)

Location:

Township	Range	Section
3	9	9
3	9	16
3	9	17

Project No: MS-506
Title: Red pine provenance experiment
Investigator: J.I. Klein
Section: Tree improvement (Head, F.B. Armitage)

Location:

Township	Range	Section
1	12	26

Project No: MS-508
Title: Scots pine provenance experiment
Investigator: J.I. Klein
Section: Tree improvement (Head, F.B. Armitage)

Location:

Township	Range	Section
1	12	27

MS-510

Project No: MS-510
Title: Poplar and willow clone progeny test.
Investigator: K.J. Roller
Section: Tree Improvement (Head, F.B. Armitage)

Location:

Township	Range	Section
1	12	28

Project No: O.D.C. 242
Title: Mechanical thinning in young jack pine stands with a
Fleco Drum chopper.
Investigator: I.E. Bella
Section: Silviculture (Head, J.M. Jarvis)

Location:

Township	Range	Section	Plot Nos.
2	11	26, 28	11 - 20
3	12	9	1 - 10
4	10	14	1 - 10
7	10	15)	
7	11	18) 19 }	1 - 30

PZ-16

Project No: PZ-16
Title: Biological and taxonomic studies of aphids affecting forest
trees and shrubs.
Investigator: G.A. Bradley
Section: Entomology (Head, W.J. Turnock)

Location:

Township	Range	Section
8	11	19

PZ-19

Project No: PZ-19
Title: White Grub Investigations
Investigator: L.D. Nairn
Section: Entomology (Head, W.J. Turnock)

Location: _____

Township	Range	Section	Plot Nos.
1	13	19	Light Trap Fld.

Forest Disease Survey

Project No: Forest Disease Survey
Title: (Spruce mistletoe study)
Investigator: J.G. Laut
Section: Forest Insect and Disease Survey (Head, W.G.H. Ives)

Location:

Township	Range	Section
7	11	32

MANITOBA FOREST SERVICE

BASE MAP

SOUTH EASTERN REGION

SHOWING

EXISTING AND PROPOSED ROADS

