DEPARTMENT OF CIVIL ENGINEERING

COMPARATIVE STUDY OF CURRICULUM

YEAR 1933-34

1934 *

LINE	SCHOOLS	N. C. STATE		N. C. UNIVERSITY		DUKE UNIVERSITY		GA. TECH.		VA. POL. INST.		TENNESSEE UNIVERSITY		MARYLAND UNIVERSITY		PENN. STATE		IOWA STATE		PURDUE UNIVERSITY		ALA. POL. INST.		ADOPTED N.C. STATE		LINE
	SUBJECTS	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	YEAR GIVEN	QUAR. CREDIT HRS.	
	A- BASIC																									
1	Mathematics	1&2	30	1&2	33	1&2	27	1&2	30	1&2	27	1&2	27	1&2	30	1&2	24	1&2	26	1&2	27	1&2	30	1&2	30	1
2	Chemistry	1	12	1	18	1	12	1	12	1	13	1&2	21	1	12	1	9	1	12	1	12	1	11	1	12	2
3	English	1	9	1&2	11	1	9	1&2	18	1-2-3-4	18	1	9	1	9	1	9	1	9	1&2	18	1&2	15	1	9	3
4	Physics	2	15	2	12	2	15	2	13½	2	16	2	12	2	15	2	12	2	15	2	13	2	12	2	12	4
5	Physics Special							3	4																	5
6																										6
7																										7
8																										8
	SUB-TOTALS		66		74		63		77.5		74		69		66		54		62		70		68		63	
	B-GENERAL TECH.																									
9	Mechanics	3	9	1&2	15	2	7½	3	6	2&3	9	2-3-4	15	3	9	2&3	12	2&3	8	3	12	3	7½	2&3	9	9
10	Materials of Construction	2	3	2	9					3	3			3	3	3	6	3	2	3	4½	3	3	3	3	10
11	Strength of Materials	4	4½	3	6½	3	6	3	6	3	3					2&3	6	3	5	3	12½	3	7½	3	6	11
12	Heat Engines	3	3	3	12			2&4	7½	4	2	4	2	3	6	3	4½			3	6			3	3	12
13	Geology	3	3	4	10			3&4	13½	3	5	4	8	3	3	3&4	7½	3	3					4	3	13
14	Elements of Elec. Engrg	3	6	3	13½			3	2	3	4	3	9			4	6			4	6			3	6	14
15	Shop	1	3					2	1½					1	3					1	1½	1	3			15
16	Drawing & Des. Geom.	1&2	12	1	12	1	9	1&2	7½	1	8	1&2	15	1&2	9	1&2	12		8	1&2	9	1	4	1	9	16
17	Engineering Lectures	1	0					1	0	1	2			1-2-3-4	0	1	3			1	0			1	0	17
18	Metallurgy							4	4½											1	3			2	3	18
19	Engineering Problems																	1	2	4	3					19
20	Chemical Engineering																									20
21																										21
22																										22
23																										23
24																										24
	SUB-TOTALS		43.5		78		22.5		48.5		36		49		33		57		28		57.5		25		42	
	C-SPECIAL TECH.																									
25	Hydraulics	4	3	3	5½	3	6	3	4½	3&4	5	3	9	3	3	3	4½	3	4	3	6½	3	4½	3	6	25
26	Reinforced Concrete	4	4½	4	10½	4	9	4	6	4	6	4	9	3&4	10	4	6	4	5			4	9	4	3	26
27	Roofs and Bridges	4	4½	4	6	3	12			4	9	3	4½	3&4	10			4	5			3	6			27
28	Structural Design & Theory	4	4½	4	6			4	15	4	7	3	4½	3&4	11½	3&4	9	3&4	10	4	18	4	6	4	12	28
29	Surveying x= Comp.	2&3	15	2&2†	18 x	1-2-3	13½	2	12	2&3	23	1	9	2&3	10½	2&3	27 x	1&2	18 x	1&2	18 x	2&3	12	2	15	29
30	Highway Engineering	3	6	4	4½	2&3	7½	3&4	9	3	2	3	9	4	6	3	3	3	7	3	7½	3	12	3&4	9	30
31	Engineering Drawing	3	1	2	1					2	4													3	3	31
32	Engrg Office Practice	3	1					3 or 4	(4½)							3	3	2	4							32
33	Graphic Statics	3	1	3	2½									3	1½	3	1½					2	8	4	1	33
34	Water Works	4	3	4	4½			4	(3)	4	3			4	4½	3	6			4	3¼	4	4½	4	3	34
35	Astronomy or Geodesy	4	3			4	3	4	3													3	4½	4	4	35
36	Engineering Field Prob's	4	1													4	(3)									36
37	Materials Testing Lab.	4	2			3	3	4	2			4	9					3	5					4	2	37
38	Bacteriology	3	(4)					3	4½					4	1½			3	3							38
39	Aquatic Biology	3	(2)																							39
40	Sanitary Engineering	3	(3)									4	6			4	3									40
41	Water Purification	4	(3)															4	3							41
42	Sewage Disposal	4	3	4	4½			4	3							4	(3)									42
43	Treatment of Water & Sew.	3	(3)	4	4½									4	3											43
44	Drainage																	2	3							44
45	Engineering Economy	3	(3)					3	(3)					4	1½			4	3							45
46	Construction Engineering	3&4	(16)															4	3							46
47	San. & Mech Equip of Bldgs	4	(3)																							47
48	Specifications & Contracts	4	(1)					3 or 4	(3)	4	2					4	3	4	3	4	4½					48
49	Sewerage	4	3							4	3			4	4½			4	5	4	3¼	4	4	4	5	49
50	Railroad Engineering	4	3	4	4½	4	7½							3	4½	3	4½	3	4	2	4½	2	5	4	3	50
51	City Planning			4	4½											4	(3)									51
52	Hydraulic Lab.							4	2																	52
53	Technical Option									4	11					4	16½									53
54	Hydraulic Engineering					4	12					4	9					4	3							54
55	Engineering Electives					3	9													4	6			4	9	55
56	Seminar.					4	3													2						56
57	Thesis											4	0	4	4½					4	4½	4	4			57
58																										58
	SUB-TOTALS		55.5		82.5		85.5		61.0		75		69		76.5		87.0		88.0		56		79.5		75	
	D- CULTURAL																									
59	Economics	3	3	2	10			3	4½	3	6	3	9	3	9	3	4½	3	3	4	3	9		3	9	59
60	Sociology	3	3											1	9											60
61	Accounting	3	3															4	4							61
62	Human Relations	1	(6)																	1&2	10					62
63	Military. (option)	1&2	12					3&4	18	1-2-3-4	18	1&2	18	1&2	9	1&2	6									63
64	Physical Education	1	6			1&2	0			1	1	1&2	12			1&2	7½	1&2	0			1	1&2	6		64
65	English Literature									1	3												2	3		65
66	Languages							1	9					1&2	(18)	1	(9)			1	9					66
67	History	2	(6)	3	5									2	9	1	(9)					1&2	7½	1	(6)	67
68	Business Law	4	3	4	9					3	3			4	1½	4	4½							4	3	68
69	Business Eng. (Tech. with Pub. speak)	2	9	3&4	11			4	4½			2	9	1-2-3-4	12	2	6	1&4	7					2&3	9	69
70	Appreciation of Fine Arts.	3	(3)																							70
71	Electives	3&4	18			2-3-4	36					4	9			4	4½	3&4	18	2&3	18	3&4	42	3&4	18	71
72	Military. Required.							1&2	9									1&2	6			1&2	12	1&2	12	72
73	Dif. Equations							3	(4½)							1	9									73
74	Psychology																	4	3							74
75	Finance																									75
76																										76
77																										77
78																										78
79																										79
	SUB-TOTALS		57		35		36		45		31		57		49.5		42.0		41		46		62.5		60	
	GRAND TOTALS		222		269.5		207		232		216		244		225		240		219		249.5		235		240	

NOTE
Parenthesis indicates option.

* Strengthened - 1938
accredited by E.C.P.D - 1937

DEPARTMENT OF CIVIL ENGINEERING

COMPARATIVE STUDY OF CURRICULUM

YEAR 1937-38

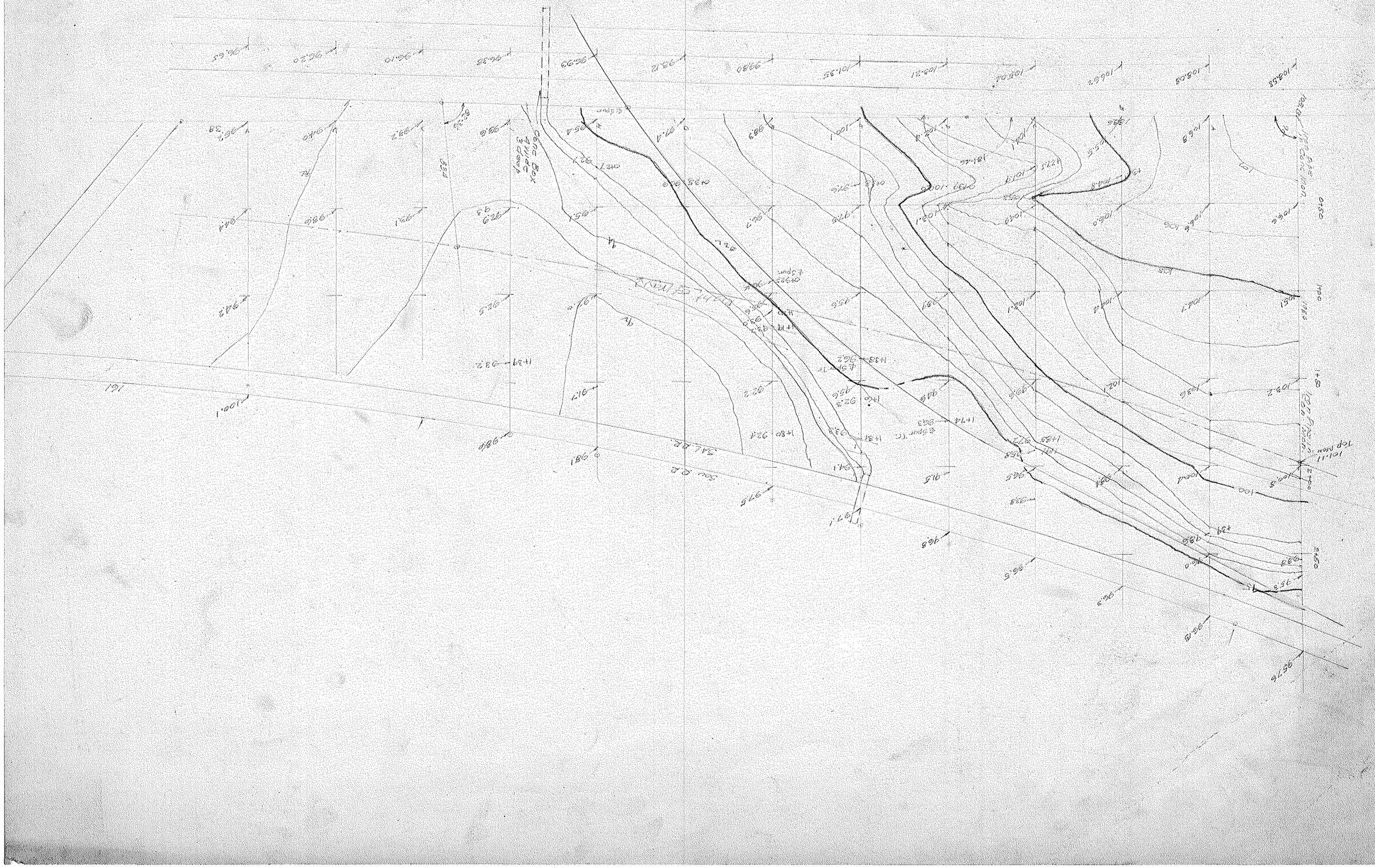
NOTE - The material compared on this chart was taken from the 1937-1938 catalogues of the respective institutions

	SCHOOL	N.C. STATE		DUKE UNIVERSITY		GA TECH		VA. POLY. INST.		TENNESSEE UNIVERSITY		MARYLAND UNIVERSITY		PENN STATE		OHIO STATE		PURDUE UNIVERSITY		NY UNIVERSITY		LEHIGH UNIVERSITY		CORNELL UNIVERSITY		
	SUBJECT	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	YEAR GIVEN	QUAR CREDIT HRS.	
	A BASIC																									
1	Mathematics	1-2	30	1-2	27	1-2	30	1-2	27	1-2	24	1-2	24	1-2	24	1-2	30	1-2	27	1-2	22.5	1-2	18	1	15	1
2	Chemistry	1	12	1	12	1	12	1	13	1-2	21	1-2	12	1	9	1	15	1	12	1	12	1	12	1	9	2
3	English	1	9	1	9	1	9	1-2-4	21	1-2	18	1	12	1-2	15	1	9	1-2	18	1	9	1	9	2	4.5	3
4	Physics	2	12	2	15	2-3	19.5	2	13	2	12	2	15	2	12	2	10	2	12	2	15	2	12	1	12	4
5	Physics Special							3	3																	5
6																										6
7																										7
8																										8
	SUB-TOTALS		63		63		70.5		77		75		63		60		64		69		58.5		51		40.5	
	B-GENERAL TECH																									
9	Mechanics	2-3	9	2	7.5	3	6	2-3	6	2-3	6	2	4.5	2-3	15	2-3	10	2-3	12	2	9	1	12	2	10.5	9
10	Materials of Construction	3	3	3	3			3	3	2	3	3	3	3	3	3	5	3	4.5	3	4.5	3	3	3	4.5	10
11	Strength of Materials	3	6	3	6	3	7.5	3	6	3	6	3	7.5			3	7	3	11	3	4.5	3	9	2	7.5	11
12	Heat Engineering	3	3			3	4.5	4	3									3	6	3	4.5	3	4.5	4	4.5	12
13	Geology	2	3			2-4	13.5	3	7	4	8	3	3	2-4	7.5	3	3			3	7.5	2	9	2	4.5	13
14	Elements of Elec Engineering	3	6					3	4	3	9	3	4.5	4	6			4	6	3	6.75	3	9	4	6	14
15	Shop					2	1.5			1	3	1	1.5					1	3							15
16	Draming & Desc Geometry	1	9	1	9	1-4	7.5	1	8	1-2	15	1-2	9	1	6	1-2	20	1-2	9	1	7.5	1	6	1-2	13.5	16
17	Engineering Lectures	1	0					1	2			1-2	0	1	3	1	3	1	0					1	1.5	17
18	Metallurgy													3	3							3	3			18
19	Engineering Problems									1	3	1	1.5											1	1.5	19
20	Chemical Engineering																									20
21																						3	4.5			21
22																										22
23																										23
24																										24
	SUB-TOTALS		39		25.5		40.5		39		53		34.5		43.5		50		51.5		44.25		60		54	
	C SPECIAL TECH																									
25	Hydraulics	3	3	3-4	6	3-4	6.5	3	5	3-4	15	3	6	3	4.5			3	6.5	4	5	3	6	2	6	25
26	Reinforced Concrete	4	6	4	9	4	10.5	4	6	3-4	9	4	10.5	4	4.5	3-4	8			3-4	6	4	4.5	3	4.5	26
27	Roofs & Bridges									3	6					4	5									27
28	Structural Design	4	6					4	6	4	3	4	10.5	3-4	6			4	7.5	4	4.5	4	4.5	3	4.5	28
29	Theory of Structures	4	6	3	12	4	10.5	4	9			3	7.5	3-4	6	3	5	4	4.5	4	4.5	3-4	10.5	3	6	29
30	Surveying	2	14	2-3	15	2	12	2-3	22	1-2-3	15	2-3	13.5	2-3	30	2-3	27	1-2	16.5	2	13.5	1-2	9	1-2	21	30
31	Highway Engineering	3	6	2-3	7.5			3	2	3	6	4	4.5	3	3	3	5	3	7.5	2	4.5	2	4.5	4	4.5	31
32	Engineering Draming	2	1					2	4					2	3	2	4							2	3	32
33	Engineering Office Practice											3	4.5													33
34	Graphic Statics	4	1																	3	3					34
35	Water Works	4	3											3	4.5			4	6.5					4	4.5	35
36	Astronomy or Geodesy	4	4	4	3																	3	4.5	2	3	36
37	Engineering Field Problems													4	1.5	3	11									37
38	Materials Testing Laboratory	4	2			4	2	4	2											3	4.5	4	1.5	2	4.5	38
39	Bacteriology					3	4.5					4	1.5													39
40	Foundations & Masonry									4	3	4	4.5	4	6	4	10	4	6	3	4.5	4	3	3	4.5	40
41	Sanitary Engineering							4	9	4	6	4	9	4	3	3	5			4	4	4	4.5	3	6	41
42	Water Purification									3	3					4	5									42
43	Sewage Disposal																									43
44	Treatment of Water Serv.																									44
45	Drainage or Hydrology							4	3																	45
46	Engineering Economy																							3	4.5	46
47	A Constr or Meth Engineering B					4	4.5					4	4.5 B	3	4.5	4	8 (B)	3	1.5	4	3			2	4.5	47
48	Specifications & Contracts							4	2			4	3	4	3			4	4.5	4	2.5					48
49	Sewerage	4	5			2	3													4	2					49
50	Railroad Economics	4	3	4	6									3	4.5			2	3			2	4.5			50
51	City Planning					4	3																			51
52	Fluid Mechanics	3	3													3	3			3	6					52
53	Technical Option																									53
54	Hydraulic Engineering				12									3	1.5							4	6			54
55	Engineering Electives			3	9	1	1.5	4	5					4	12	4	9	4	6			4	4.5	4	9	55
56	Seminar A - Thesis B			4	3					4	2	4	4.5 B	4	3	4	8 (B)	4	4.5	4	1.5	4	3			56
57	Soil Mechanics	4	3																							57
58	Transportation	4	3			4	9			4	3															58
	SUB-TOTALS		69		82.5		67.0		75		74		84		100.5		113		74.5		69		70.5		93	
	D-CULTURAL																									
59	Economics	3	9			4	9	3	6	3-4	9	3	6	3	4.5			4	9	3	3	2	9	3	4.5	59
60	Sociology											1	9									3	4.5			60
61	Accounting																					4	4.5			61
62	Human Relations					2	9																			62
63	Military (Option)					3-4	10.5	1-2	6	3-4	18									1-2	7.5					63
64	Physical Education	1-2	6	1-2	0			1-2	5	1-2	2			1-2	6									1	3	64
65	English Literature	2	3													1	4									65
66	Languages					1	9																			66
67	History											2	9									4	4.5			67
68	Business Law	4	3									4	3			4	3			4	3			4	4.5	68
69	Business Eng (Tech mfg Public Speak)	2-3	9									3-4	4.5							2	6					69
70	Appreciation of Fine Arts																							4	18	70
71	Electives	3-4	27★	2	36			3-4	12	4	9			1-4	13.5			2-3	22.5	3	7.5	4	9			71
72	Military Required	1-2	12			1-2	9.5			1-2	6	1-2	9			1-2	6	1-2	10	1-2	12	1-2	12			72
73	Dif Equations																									73
74	Psychology																									74
75	Finance Engineering													4	4.5					4	4.5	4	4.5			75
76	Public Works Organization																			4	3					76
77	Public Speaking					3	4.5					1	3							1	6			2	4.5	77
78																										78
79																										79
	SUB-TOTALS		69		36		51.5		25		44		43.5		37.5		13		41.5		52.5		48		34.5	
	GRAND TOTALS		240		207		229.5		216		246		225		241.5		240		236.5		224.75		229.5		222	

★ At least 6 of these electives are required to be taken from the Social Science Group. The remaining electives are "free" technical or cultural

Meadow Canyon Ranch

Mayer Borrows



DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT TEACHING LOAD

1931-32

Subject	Cat. No.	Credit	Department	Division	Subject	Student	Required in the Curriculum of	Class	Teacher	Section	Classification: Number of Students — Forestry	Landscape Architecture	Architectural	Ceramic	Chemical	Civil Engineering: General	Highway & General Constr.	Sanitary	Mech. En: General	Aeronautical	Electrical	Mining	Chemistry	Textile	Industrial	Total Section	Total Subject
FIRST TERM																											
Sew. Disp. Re.	C.E. 402	3	C.E.	San.	Gr.	Gr.			Whitener	A								4								4	4
Str. of Mats.	C.E. 203	3	C.E.	All	Sr.	Sr.			Mann	A			5			6	6		2							19	
Str. of Mats.	C.E. 203	3	C.E.	All	Sr.	Sr.			Tucker	B			5			3	2	4	1							15	34
Roofs & Bridges	C.E. 404	3	C.E.	All	Sr.	Sr.			Mann	A						7	2	5	1							15	
Roof Stresses	C.E. 405	3	A.E.	All	Sr.	Sr.			Tucker	A			10			7	6									20	32
Hydraulics	C.E. 305	3	C.E.	All	Sr.	Sr.			Whitener	A						3		2	4							9	
Hydraulics	C.E. 305	3	C.E.	All	Sr.	Sr.			Whitener	B						7	1	2	1							11	17
Engr. Ed. Prob.	C.E. 201	1	C.E.	Gen.	Sr.	Sr.			Wooten	A						3	5		2							10	
Engr. Ed. Prob.	C.E. 201	1	C.E.	Gen.	Sr.	Sr.			Wooten	B						3	4		2							9	19
Constr. Engr. II	C.E. 403	3	C.E.	Con.	Sr.	Sr.			Geile	A								6								6	6
Building San.	Arch. 102	2	A.E.	Arc.	Jr.	Sr.			Geile	A			10													10	10
Highway Off. Prac.	C.E. 402	1	C.E.	H.E.	Sr.	Sr.			Tucker	A						3	5									8	8
Mats. Testg. Lab.	C.E. 204	1	C.E.	Con.	Sr.	Sr.			Tucker	A						2		5								7	7
Highway Engr.	C.E. 301	3	C.E.	H.E.	Sr.	Sr.			Tucker	A						2	9	3								14	14
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Mann	A			7	1	2	8			1	4						20	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	B			1		15	1			4		2					23	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	C			7		1		1	1			16		1			24	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	D				2	6	5	1		2							16	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Geile	E					3	1		7		15		2				28	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Geile	F			1	2	6			6	1	7		2				25	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Geile	G								1	1			18				20	156
Graphic Stats.	C.E. 206	1	C.E.	A.E.	Jr.	Jr.			Mann	A			2			3	1	14								20	
Graphic Stats.	C.E. 206	1	C.E.	A.E.	Jr.	Jr.			Mann	B			7			8		1	6							22	42
Mill Sanitation	C.E. 404	3	Tex.	T.N.	Jr.	Jr.			Whitener	A														10		10	10
Theo. Surveying	C.E. 206	3	C.E.	All	Jr.	Jr.			Wooten	A						7	4	9	4							24	
Theo. Surveying	C.E. 206	3	C.E.	All	Jr.	Jr.			Whitener	B	1					4	1	6	2							14	38
Field Surveying	C.E. 207	1	C.E.	Engr. Mech.	Jr.	Jr.			Bramer	A		5				3			3							11	
Field Surveying	C.E. 207	1	C.E.	Engr. Mech.	Jr.	Jr.			Bramer	B						1	2	6								9	
Field Surveying	C.E. 207	1	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	C-D						11	3	6	1							21	41
Detail Dra.	C.E. 106	1	C.E.	All	So.	So.			Geile	A						17										17	
Detail Dra.	C.E. 106	1	C.E.	All	So.	So.			Geile	B						17										17	34
Mats. of Const.	C.E. 202	3	C.E.	All	So.	So.			Tucker	A					1	13	1	7	1							23	
Mats. of Const.	C.E. 202	3	C.E.	All	So.	So.			Bramer	B						4	3	5	1			2				15	38
Plane Surveying	C.E. 101	1	C.E.	All	So.	So.			Whitener	A				1						21		2				24	
Plane Surveying	C.E. 101	1	C.E.	All	So.	So.			Bramer	B&C			2	4						4	34					41	71
Field Surveying	C.E. 103	1	C.E.	All	So.	So.			Bramer	A												8				8	
Field Surveying	C.E. 103	1	C.E.	All	So.	So.			Bramer	B			1	2						3						6	
Field Surveying	C.E. 103	1	C.E.	All	So.	So.			Whitener	C				1						1		12				14	
Field Surveying	C.E. 103	1	C.E.	All	So.	So.			Whitener	D				1								5				6	
Field Surveying	C.E. 103	1	M.E.	All	So.	So.			Bramer	E										7						7	
Field Surveying	C.E. 103	1	M.E.	All	So.	So.			Bramer	F										14		1				15	
Field Surveying	C.E. 103	1	E.E.	All	So.	So.			Bramer	G				2				1	1	10						14	
Field Surveying	C.E. 103	1	E.E.	All	So.	So.			Bramer	H																	
Field Surveying	C.E. 103	1	E.E.	All	So.	So.			Bramer	I																	70
Theo. Surveying	C.E. 206	3	For.	All	So.	So.			Bramer	A	18															18	18
Field Surveying	C.E. 207	1	For.	All	So.	So.			Fontaine	A	17															17	17
Drawing	C.E. 100	1	For.	All	Fr.	Fr.			Fontaine	A	19															19	
Engr. Lecture	C.E. 0	0	C.E.	All	Fr.	Fr.			Tucker	A						26	1	11	1			3				42	42
Drawing	C.E. 100	1	For.	All	Fr.	Fr.			Fontaine	B	21															21	40
TOTAL ENROLLMENT in subjects											76	5	52	16	39	166	57	107	36	83	8	112	5	10	1	768	768
SECOND TERM																											
Water Pur. Res.	C.E. 402	3	C.E.	San.	Gr.	Gr.			Whitener							3		4								6	6
Sew. Disp. Res.	C.E. 401	3	C.E.	San.	Gr.	Gr.			Whitener									4								4	4
Highway Res.	C.E. 401	3	H.E.	M.E.	Gr.	Gr.			Tucker							2										2	2
Str. of Mats.	C.E. 203	3	C.E.	All	Sr.	Sr.			Mann	A			5			10	6		2							23	
Str. of Mats.	C.E. 203	3	C.E.	All	Sr.	Sr.			Geile	B			6			1		4		2						13	36
Roofs & Bridges	C.E. 404	3	C.E.	All	Sr.	Sr.			Mann.							12	6	4	2							24	24
Sewerage	C.E. 309	3	C.E.	San.	Sr.	Sr.			Whitener.							4	7		5							16	16
Water Works	C.E. 308	3	C.E.	San.	Sr.	Sr.			Whitener.							5	7		6							18	18
Constr. Engr. II	C.E. 403	3	C.E.	Con.	Sr.	Sr.			Geile								5									5	5
Sand. Mech. Eqt.	C.E. 328	3	C.E.	Con.	Sr.	Sr.			Geile								5									5	5
Rural San.	Arch. 109	3	Agr.	Eng.	Sr.	Sr.			Whitener.														4			4	4
Highway Engr. II	C.E. 401	3	C.E.	H.E.	Sr.	Sr.			Tucker.								14									14	14
Mats. Testg. Lab.	C.E. 204	1	C.E.	All	Sr.	Sr.			Tucker				10			8	11	5								34	34
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Mann.	A			3	1	2	6		1		2	4				1	20	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	B			1		13	1				3		2			1	21	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	C				2	4	4	1			1						12	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	D				4	1	1			1	2		10				19	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Geile	E			1			1		1	1			15				19	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	F			1		3			8		7	7	1			1	28	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Bramer	G				1	5	1		3	1	6	2					19	138
Const. Engr. I	C.E. 311	3	C.E.	Con.	Jr.	Jr.			Geile									14							1	15	15
Topg. Dran.	C.E. 208	1	C.E.	C.E.	Jr.	Jr.			Wooten	A	11					5	1	5	4							26	
Topo. Dran.	C.E. 208	1	C.E.	C.E.	Jr.	Jr.			Wooten.	B	2	5				4	2	10	1							24	50
Highway Eng. I	C.E. 301	3	C.E.	H.E.	Jr.	Jr.			Tucker								13									13	13
Theo. Surv. II	C.E. 205	3	C.E.	All	Jr.	Jr.			Tucker	A						5	14	5								24	
Theo. Surv. II	C.E. 205	3	C.E.	All	Jr.	Jr.			Wooten.	B						1	1	8								10	34
Field Sur.	C.E. 207	1	C.E.	All	Jr.	Jr.			Wooten	A						2		8								10	
Field Sur.	C.E. 207	1	C.E.	All	Jr.	Jr.			Wooten	B						7		1	3							11	
Field Sur.	C.E. 207	1	C.E.	All	Jr.	Jr.			Bramer	C		8				3										8	
Field. Sur.	C.E. 207	1	C.E.	All	Jr.	Jr.			Bramer	D						1	1	6	1							10	39
Detail Dra.	C.E. 106	1	C.E.	All	So.	So.			Geile	A					14											14	
Detail Drg.	C.E. 106	1	C.E.	All	So.	So.			Geile	B					14											14	28
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Whitener				2									4				6	
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Whitener	A				1						1		6				8	14
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Whitener						1					1		11				13	13
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Bramer				5							1		5				11	
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Bramer				1									6				7	
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Bramer				2	2						3						7	
Plane Surv.	C.E. 101	1	C.E.	All	So.	So.			Bramer					2								3				5	30
Theo. Surv. I	C.E. 105	3	C.E.	All	So.	So.			Bramer	A						8	3	1	1			2				15	
Theo. Surv. I	C.E. 105	3	C.E.	All	So.	So.			Bramer	B		3				6	2	6								17	32
Theo. Surv.	C.E. 305	3	For.	For.	So.	So.			Bramer			16														16	16
Field Sur.	C.E. 107	1	For.	For.	So.	So.			Fontaine			14														14	14
Drawing	C.E. 100	1	For.	For.	Fr.	Fr.			Fontaine			16														16	
Drawing	C.E. 100	1	For.	For.	Fr.	Fr.			Fontaine			16														16	32
Engrg. Lect.		0	All	All	Fr.	Fr.			Geile-Whitener							16	1	12	1			3				33	33
TOTAL ENROLLMENT in subjects											75	13	37	12	30	140	95	112	37	26	13	66	5		5	3	669	669
THIRD TERM																											
Reinf. Conc.	C.E. 303	3	C.E.	A.E.	All	Sr.	Sr.		Mann.	A			5			9	6		2						1	23	
Reinf. Conc.	C.E. 303	3	C.E.	A.E.	All	Sr.	Sr.		Geile	B			5					4		2						11	34
Roofs & Bridges	C.E. 304	3	C.E.	All	Sr.	Sr.			Mann							11	6	4	2						1	24	24
Sewage Disp.	C.E. 311	3	C.E.	San.	Sr.	Sr.			Whitener							1	1		9							11	11
Water Purfn.	C.E. 310	3	C.E.	San.	Sr.	Sr.			Whitener							3			10							13	13
San. Engrg.	C.E. 213	3	C.E.	San.	Gr.	Gr.			Whitener										6							6	6
Hydraulics	C.E. 305	3	M.E.	M.E.	Sr.	Sr.			Whitener							1		1		19		1				22	22
Water Pur. Res.	C.E. 403	3	C.E.	San.	Gr.	Gr.			Whitener								2		4							6	6
Highway Res.	C.E. 401	3	H.E.	H.E.	Gr.	Gr.			Tucker								2									2	2
Const. Engr. II	C.E. 403	3	C.E.	Con.	Sr.	Sr.			Geile									5								5	5
Specifications	C.E. 399	1	C.E.	Con.	Sr.	Sr.			Geile									5								5	5
Railroad Engr.	C.E. 304	3	C.E.	E.E.	Sr.	Sr.			Mann.							9		4								13	13
Sr. High Engr.	C.E. 301	3	C.E.	H.E.	Sr.	Sr.			Tucker.								13									14	14
Mats. Testg. Lab.	C.E. 204	1	C.E.	Con.	Sr.	Sr.			Tucker	A&B			9			9	8		1							27	27
Astronomy	C.E. 214	3	C.E.	C.E.	Sr.	Sr.			Tucker.							12	5	1		1						19	19
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Mann	A			2	1	3	5		1	1	2	5				1	20	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	B				2	4	4	2									12	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	C			4	1	2				2	2		10				21	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Wooten	D					12	1				3		1			1	18	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Geile	E			1					3				14				18	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Bramer	F			1		1			7		7	8	1			1	26	
Mechanics	C.E. 200	3	C.E.	Engr. Mech.	Jr.	Jr.			Bramer	G				1	5	1		2	1	5	1					16	131
Const. Engr. I	C.E. 311	4	C.E.	Con.	Jr.	Jr.			Geile									14								14	14
Eng. Off. Prac.	C.E. 302	1	C.E.	all	Jr.	Jr.			Wooten	A						5	6	9	5							20	
Eng. Off. Prac.	C.E. 302	1	C.E.	all	Jr.	Jr.			Wooten	B						6	1	5								12	32
Highway Engr.	C.E. 301	3	C.E.	H.E.	Jr.	Jr.			Tucker							1	11	2								14	14
Fld. Surv. II	C.E. 207	1	C.E.	Min.	Jr.	Jr.			Wooten	A		1				6	1		1							5	
Fld. Surv. II	C.E. 207	1	C.E.	Min.	Jr.	Jr.			Wooten	B		1				4			4							9	
Fld. Surv. II	C.E. 207	1	C.E.	Min.	Jr.	Jr.			Bramer	C		3				3	1	1								8	26
Theo. Surv.	C.E. 105	2	C.E.	Min.	So.	So.			Bramer	A						7	4	3								14	
Theo. Surv.	C.E. 105	2	C.E.	Min.	So.	So.			Bramer	B		1				6	2	7	1			2				19	33
Fld. Surv.	C.E. 103	1	C.E.	Min.	So.	So.			Bramer	A		1				4	1	1								7	
Fld. Surv.	C.E. 103	1	C.E.	Min.	So.	So.			Bramer	B						2	1	3				1				7	
Fld. Surv.	C.E. 103	1	C.E.	Min.	So.	So.			Bramer	C						4	2	2								8	
Fld. Surv.	C.E. 103	1	C.E.	Min.	So.	So.			Bramer	D						2	1								1	4	26
Fld. Surv.	C.E. 107	1	For.	All	So.	So.			Bramer	A	6															6	
Fld. Surv.	C.E. 107	1	For.	All	So.	So.			Fontaine	B	7															7	13
Detail Drg.	C.E. 106	1	C.E.	Surv.	So.	So.			Geile	A						13										13	
Detail Drg.	C.E. 106	1	C.E.	Surv.	So.	So.			Geile	B						17										17	30
Mapping	C.E. 151	1	For.	All	So.	So.			Fontaine		12															12	12
Masonry Const.	Arch. 104	2	A.E.	All	So.	So.			Bramer				6													6	6
Drawing	C.E. 100	1	For.	All	Fr.	Fr.			Fontaine	A	13															13	
Drawing	C.E. 100	1	For.	All	Fr.	Fr.			Fontaine	B	16															16	29
Engr. Lect's	C.E. 0	0	C.E.	Con.	Fr.	Fr.			Mann.							16	1	12	1			2				32	32
																										595	595
TOTAL ENROLLMENT in subjects											54	7	29	8	25	165	72	96	56	41	14	27	5		6		599	599

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT TEACHING LOAD

1930-31

Subject	Cat. No.	Credit	Required in the Curriculum of Department	Class Division	Class Subject	Class Student	Teacher	Section	Classification: Number of Students: Forestry	Landscape Architecture	Architectural	Ceramic	Chemical	Civil Engineering: General	Highway	Constr.	Sanitary	Mechanical	Industrial	Electrical	Mining	Chemistry	Textile			Total Section	Total Subject
FIRST TERM																											
Str. of Mats.	202a	3	CE	All	Sr.	Sr.	Mann	A			4			6		6	2								18	
Str. of Mats.	202a	3	CE	All	Sr.	Sr.	Tucker	B			7			1	2	9									19	37
Roads & Bridges	304	3	CE	All	Sr.	Sr.	Mann							3	1	14	2								20	
Roof Trusses	302	3	AE	All	Sr.	Sr.	Tucker				13				4										17	37
Hydraulics	205	3	CE	All	Sr.	Sr.	Whitener	A					1	4		11									16	
Hydraulics	205	3	CE	All	Sr.	Sr.	Whitener	B					1	3		1	1			1		1			8	24
Engr. Field Prac.	201	1	CE	Gen.	Sr.	Sr.	Wooten							5	5										10	10
Constr. Engr. II	302	3	CE	Const.	Sr.	Sr.	Geile							1		14									15	15
Building San.	107	2	AE	All	Sr.	Sr.	Geile				13														13	13
Masonry Const.	304	1	CE	AE	Sr.	Sr.	Tucker								7										7	7
Mats. Testing Lab.	204	1	CE	Const.	Sr.	Sr.	Tucker									14									14	14
Highway Engr.	304	3	CE	HE	Sr.	Sr.	Tucker								9										9	9
Mechanics	200	3	All Engr.		Jr.	Jr.	Mann	A			2	6	2	6	1		1	2							20	
Mechanics	200	3	Engr.		Jr.	Jr.	Wooten	B					1	5	1	1	1	2							11	
Mechanics	200	3	Engr.		Jr.	Jr.	Wooten	C			8		2				1			12					23	
Mechanics	200	3	Engr.		Jr.	Jr.	Wooten	D					21							3					24	
Mechanics	200	3	Engr.		Jr.	Jr.	Geile	E			1		1			1				11					14	
Mechanics	200	3	Engr.		Jr.	Jr.	Geile	F								5		18		2					25	117
Graphic Statics	102a	1	All Engr.		Jr.	Jr.	Mann	A			3			2		1	8								14	
Graphic Statics	102a	1	All Engr.		Jr.	Jr.	Mann	B			8			12		1	1								22	36
Mill Sanitation	214	1	Tex.	TM	Jr.	Jr.	Whitener										2					1	6		9	9
Theo. Surveying	206	3	CE	All	Jr.	Jr.	Wooten	A	9					8		1	2								20	
Theo. Surveying	206	3	CE	All	Jr.	Jr.	Whitener	B						6		6				2					14	34
Field Surveying	207	1	All Engr.		Jr.	Jr.	Wooten	A		2				4	1						1				8	
Field Surveying	207	1	All Engr.		Jr.	Jr.	Wooten	B	1					8											9	
Field Surveying	207	1	All Engr.		Jr.	Jr.	Wooten	C	8					6		2	2								18	35
Detail Drg.	106	1	CE	All	So.	So.	Geile	A						8		10									18	
Detail Drg.	106	1	CE	All	So.	So.	Geile	B						7		10									17	35
Mats. of Const.	104	3	CE	All	So.	So.	Tucker	A						19		3									22	
Mats. of Const.	104	3	CE	All	So.	So.	Bramer	B		1				11		10	1								23	45
Plane Surveying	111	1	CE		So.	So.	Whitener	A												20					20	
Plane Surveying	111	1	All Engr.		So.	So.	Bramer	B										12	1	8					21	41
Field Surveying	111	1	Engr.		So.	So.	Bramer	A										3	2						5	
Field Surveying	111	1	Engr.		So.	Jr.	Bramer	B				6								3					9	
Field Surveying	111	1	CE		So.	So.	Whitener	C												7					7	
Field Surveying	111	1	All Engr.		So.	So.	Whitener	D				3						1		3					7	
Field Surveying	111	1	AE		So.	Jr.	Bramer	E										8							8	
Field Surveying	111	1	AE		So.	Jr.	Bramer	F				1						6	1						8	
Field Surveying	111	1	CE		So.	So.	Bramer	G												8					8	
Field Surveying	111	1	CE		So.	So.	Bramer	H				1						1	1	6					9	
Field Surveying	111	1	CE		So.	So.	Bramer	I				1							1	5					7	68
Theo. Surveying	106	3	For.	All	So.	So.	Fontain			14															14	14
Field Surveying	107	1	For.	All	So.	So.	Fontain			14															14	14
Drawing	106	1	For.	All	Fr.	Fr.	Fontain			16															16	16
Engr. Lecture	CE	0	CE	All	Fr.	Fr.	Tucker							29	2	9									40	40
TOTAL ENROLLMENT in subjects									62	3	59	18	29	154	93	129	24	53	6	89	3	2	6		670	670
SECOND TERM																											
Str. of Mats.	202a	3	CE	All	Sr.	Sr.	Mann	A			7			9		3	1								20	
Str. of Mats.	202a	3	CE	All	Sr.	Sr.	Geile	B			6			2		9									17	37
Roads & Bridges	304	3	CE	All	Sr.	Sr.	Mann	A			3			10	1	13	1								28	28
Sewerage	306	3	CE	San.	Sr.	Sr.	Whitener							6			6					1			13	13
Water Works	306	3	CE	San.	Sr.	Sr.	Whitener							6			5								11	11
Constr. Engr. II	302	3	CE	Const.	Sr.	Sr.	Geile				1					13									14	14
Bldg. San. Mechanics	202	3	CE	Const.	Sr.	Sr.	Geile									12									12	12
Mill Sanitation	214	1	Tex.		Sr.	Sr.	Whitener										2					1			3	3
Rural Sanitation	308	3	Agr.	All	Sr.	Sr.	Whitener																	3	3	3
Highway Engr. II	301	3	CE	HE	Sr.	Sr.	Tucker								10										10	10
Mats. Testing Lab.	204	1	CE	All	Sr.	Sr.	Tucker				13			4	5	13									35	35
Mechanics	200	3	Engr.		Jr.	Jr.	Mann	A			3	6	3	7				6							25	
Mechanics	200	3	Engr.		Jr.	Jr.	Wooten	B			1		1	1	1			1		1					22	
Mechanics	200	3	Engr.		Jr.	Jr.	Wooten	C	1				4	5				1		1					12	
Mechanics	200	3	Engr.		Jr.	Jr.	Wooten	D			5		1		1					9					16	
Mechanics	200	3	Engr.		Jr.	Jr.	Geile	E			2			1		1				10					14	
Mechanics	200	3	Engr.		Jr.	Jr.	Bramer	F						2	1	4		13		1					21	110
Const. Engr. I	201	3	CE	Const.	Jr.	Jr.	Geile				1					6									7	7
Topo. Drawing							wooten	A	14	2				2			1								19	
Topo. Drawing							wooten	B						10	2	6	1				1				20	39
Highway Engr.	301	3	CE	CE AE	Jr.	Jr.	Tucker								16										16	16
Theo. Surveying	206	3	CE	All	Jr.	Jr.	Wooten	A	9					1	1		1								11	
Theo. Surveying	206	3	CE	All	Jr.	Jr.	Tucker	B						13	3	4	2								24	35
Field Surveying	207	1			Jr.	Jr.	Wooten	A	/					7			1								9	
Field Surveying	207	1			Jr.	Jr.	Wooten	B	8								1								9	18
Field Surveying	207	1	All Engr.		Jr.	Jr.	Bramer			1				2	1	2					1				7	7
Field Surveying	207	1	Engr.		Jr.	Jr.	Bramer							3	1	5									9	9
Detail Drg.	106	1	CE	All	So.	So.	Geile	A						8		9						1			18	
Detail Drg.	106	1	CE	All	So.	So.	Geile	B						8		6									14	32
Theo. Surveying	111	1	AE		So.	So.	Whitener	A					1					3		4					8	
Theo. Surveying	111	1	AE		So.	So.	Bramer	B			15									3		1			19	
Theo. Surveying	111	1	AE		So.	So.	Bramer	C			1							2		13					16	43
Theo. Surveying	106	3	For.	All	So.	So.	Bramer			13															13	13
Theo. Surveying	106	3	CE	All	So.	So.	Bramer	A			2			6	2	2	5								17	
Theo. Surveying	106	3	CE	All	So.	So.	Bramer	B			4			2	1	14					1				22	39
Field Surveying	111	1	AE		So.	So.	Whitener	A				6													6	
Field Surveying	111	1	AE		So.	So.	Whitener	B				5								3					8	
Field Surveying	111	1	CE		So.	So.	Whitener	C					1							3			1		5	
Field Surveying	111	1	AE		So.	So.	Bramer	D				1								7					8	
Field Surveying	111	1	All Engr.		So.	So.	Bramer	E				1						1		7					9	
Field Surveying	111	1	AE		So.	So.	Bramer	F				2						4							6	42
Field Surveying	107	1	For.	All	So.	So.	Fontaine	A	13																13	13
Drawing	106	2	For.	All	Fr.	So.	Mann	A	14																14	14
Drawing	106	1	For.	All	Fr.	Fr.	Fontaine	A	13																13	13
Engr. Lecture	CE	0	CE	All	Fr.	Fr.	Geile							24	2	9									35	35
TOTAL ENROLLMENT in subjects									87	8	73	6	27	139	46	133	26	31	0	62	5	2	0	3	3	651	651
THIRD TERM																											
Reinf. Conc.	303	3	CE	AE	All	Sr.	Sr.	Mann	A			7			9		3	1							20	
Reinf. Conc.	303	3	CE	All	Sr.	Sr.	Geile	B				6			2		9								17	37
Roads & Bridges	304	3	CE	All	Sr.	Sr.	Mann	A				3			10	1	13	1							28	28
Sewerage	306	3	CE	San.	Sr.	Sr.	Whitener											3				1			10	10
Water Works	306	3	CE	San.	Sr.	Sr.	Whitener	A										9							9	9
Const. Engr. II	302	3	CE	Const.	Sr.	Sr.	Geile									14									14	14
Specifications	CE	1	CE	Const.	Sr.	Sr.	Geile					7				14									21	21
Railroad Engr.	304	3	CE	Gen.	Sr.	Sr.	Mann							12											12	12
Sr. High. Engr.	302	3	HE	All	Sr.	Sr.	Tucker								8	1									9	9
Mats. Testing Lab.	204	1	HE		Sr.	Sr.	Tucker					13			5	5	1								24	24
Astronomy	301	3	CE		Sr.	Sr.	Tucker								15										15	15
High. Research	301	3	HE		Gr.		Tucker									2									2	2
Mechanics	200	3	CE	All	Jr.	Jr.	Mann	A			3	5	3	8				1	7						27	
Mechanics	200	3	CE	All	Jr.	Jr.	Wooten	B			5		1	1						9					16	
Mechanics	200	3	CE	All	Jr.	Jr.	Wooten	C	1				4	6				1		1					13	
Mechanics	200	3	CE	All	Jr.	Jr.	Wooten	D			3		17		1			1		1					23	
Mechanics	200	3	CE	All	Jr.	Jr.	Geile	E			1					2				10					13	
Mechanics	200	3	CE	All	Jr.	Jr.	Bramer	F								3		10							13	105
Const. Eng. I	201	3	CE	Const.	Jr.	Jr.	Geile				1					6									7	7
Eng. Of. Prac.	210	1	HE		Jr.	Jr.	Wooten	A						12	1	1	2								16	
Eng. Of. Prac.	210	1	Gen.		Jr.	Jr.	Wooten	B						2		4	1								7	23
Highway Engr.	301	3	HE	All	Jr.	Jr.	Tucker							15											15	15
Field Surveying	207	1	Gen.		Jr.	Jr.	Wooten	A	8					1											9	
Field Surveying	207	1	Gen.		Jr.	Jr.	Wooten	B						8		1									9	
Field Surveying	207	1	Engr.	All	Jr.	Jr.	Bramer	C						5	1	1	1				1				9	27
Mill Sanitation	214	1	Tex.	Chem.	Jr.	Sr.	Whitener										1					1			2	2
Detail Drawing	106	1	CE	All	So.	So.	Geile	A						7		10									17	
Detail Drawing	106	1	CE	All	So.	So.	Geile	B								14									14	31
Theo. Surveying	106	2	CE	All	So.	So.	Bramer	A	1				1	7	2	3	4								18	
Theo. Surveying	106	2	CE	All	So.	So.	Bramer	B	5					2	1	11	1				1				21	39
Field Surveying	107	1	CE	All	So.	So.	Whitener	A						2	2	1	1								6	
Field Surveying	107	1	CE	All	So.	So.	Whitener	B		2	1					3	1								7	
Field Surveying	107	1	CE	All	So.	So.	Bramer	C						1		5									6	
Field Surveying	107	1	CE	All	So.	So.	Bramer	D						3		3	1								7	
Field Surveying	107	1	CE	All	So.	So.	Bramer	E		3				1		2	1								7	
Field Surveying	107	1	CE	All	So.	So.	Bramer	F						2		2					1				5	38
Field Surveying	107	1	For.	All	So.	So.	Fontaine		13																13	13
Mapping	206	1	For.	All	So.	So.	Fontaine		13																13	13
Masonry Const.	304	2	AE	All	So.	So.	Bramer				14														14	14
Drawing	106	1	For.	All	Fr.	Fr.	Mann	A	12																12	
Drawing	106	1	For.	All	Fr.	Fr.	Fontaine	B	15																15	27
Engr. Lecture	CE	0	CE	All	Fr.	Fr.	Mann							22	2	6									30	30
TOTAL ENROLLMENT in subjects									62	11	64	5	26	158	26	132	36	19	0	21	3	2			565	565

DEPARTMENT OF CIVIL ENGINEERING DEPARTMENT TEACHING LOAD FOR 1933 – 34

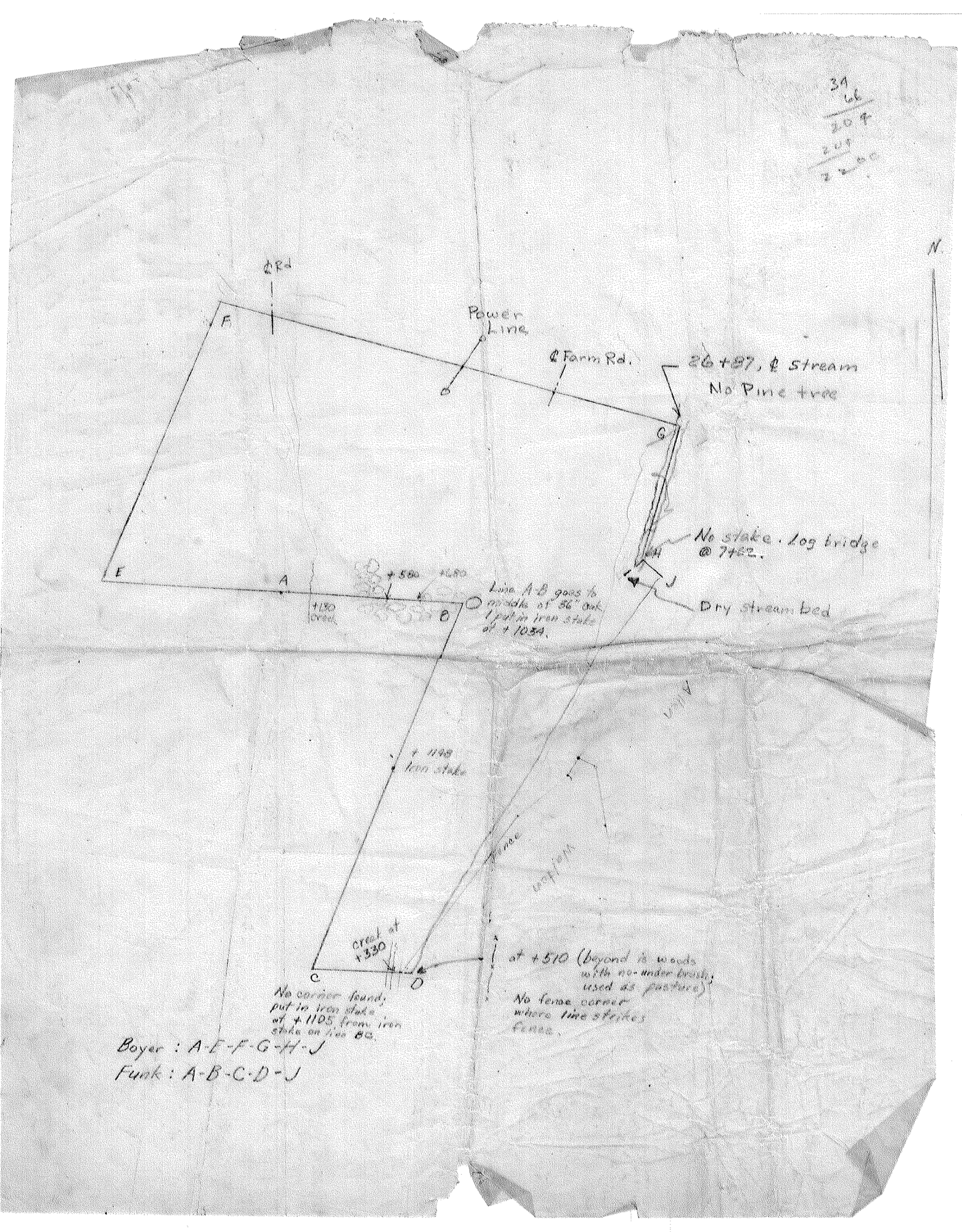
Subject	Cat. No.	Credit	Required in the Curriculum of: Department	Class: Division	Class: Subject	Class: Student	Teacher	Section	CLASSIFICATION — Number of Students: Forestry	Landscape Architecture	Ceramic	Chemical	Architectural	Civil: Highway & General	Civil: Constr.	Mech.: Sanitary	Mech.: General	Mech.: Aero.	Electrical	Mining	Chemistry	Textile	Industrial	Agriculture	Geology	Total in Section	Total in Subject
FIRST TERM																											
Str. of Mats.	C.E. 203	3	C.E.	All	Sr	Sr	Mann	A					4	7	9	2										22	
Str. of Mats.	C.E. 203	3	C.E.	All	Sr	Sr	Tucker	B									1	11	3							15	37
Roofs & Bridges	C.E. 204	3	C.E.	All	Sr	Sr	Mann	A						3	5	2			1	1						12	
Roofs & Bridges	C.E. 204	3	C.E.	All	Sr	Sr	Tucker	B					4	6	2	1										13	25
Hydraulics	C.E. 205	3	C.E.	All	Sr	Sr	Whitener	A					1		4		2		1							8	
Hydraulics	C.E. 205	3	C.E.	All	Sr	Sr	Whitener	B						6	2	2										10	18
Fld. Prob. & Off. Proc.	C.E. 302	1	C.E.	C.E. San.	Sr	Sr	Tucker	A						8		2										10	10
Constr. Eng. II	C.E. 302	3	C.E.	Con.	Sr	Sr	Geile	A							8											8	8
Bldg. San.	A.E. 107	2	A.E.	All	Jr	Jr	Geile	A					4													4	4
Mat. Testg. Lab.	C.E. 269	1	C.E.	All	Sr	Sr	Tucker	A							7											7	7
Highway Eng.	C.E. 301	3	C.E.	C.E.	Sr	Sr	Tucker	A						8	1											9	9
Mechanics	C.E. 200	3	C.E.	All Engg.	Jr	Jr	Mann	A		3	7			3	1		4	2								20	
Mechanics	C.E. 200	3	C.E.	All Engg.	Jr	Jr	Wooten	B				12		1			2		4			1				20	
Mechanics	C.E. 200	3	C.E.	All Engg.	Jr	Jr	Wooten	C		4	5	2	2				6		1							20	
Mechanics	C.E. 200	3	C.E.	All Engg.	Jr	Jr	Wooten	D				5			1	2	3	1	11			1				24	
Mechanics	C.E. 200	3	C.E.	All Engg.	Jr	Jr	Geile	E		1	7	1			7	1	8	1	1			1				28	
Mechanics	C.E. 200	3	C.E.	All Engg.	Jr	Jr	Shaw	F		2		2			1		1		10			1				17	129
Graphic Statics	C.E. 209	1	A.E.	All	Jr	Jr	Mann	A				8	4	2	2											16	
Grapnic Statics	C.E. 209	1	A.E.	All	Jr	Jr	Mann	B				1	3	8	4					1						17	33
Mill San.	C.E. 213	3	Tex.	T.M.	Sr	Sr	Whitener	A														12	1			13	13
Theo. Sur.	C.E. 206	3	C.E.	All	Jr	Jr	Wooten	A				1	5	5	1											12	
Theo. Sur.	C.E. 206	3	C.E.	All	Jr	Jr	Whitener	B					2	6	4											12	24
Field Sur.	C.E. 207	1	C.E.	C.E.	All	Jr	Jr	Wooten	A	6					3											9	
Field Sur.	C.E. 207	1	C.E.	C.E.	All	Jr	Jr	Wooten	B					1	7	2										10	
Field Sur.	C.E. 207	1	C.E.	C.E.	All	Jr	Jr	Wooten	C					6	1	2			1							10	29
Detail Drawing	C.E. 208	1	C.E.	All	So	So	Geile	A					9	5												14	
Detail Drawg.	C.E. 208	1	C.E.	All	So	So	Geile	B					1	6												7	21
Mats. of Constr.	C.E. 209	3	C.E.	All	So	So	Tucker	A					14													14	
Mats. of Constr.	C.E. 209	3	C.E.	All	So	So	Geile	B					1	8												9	23
Plane Sur.	C.E. 111	1	E.E.	All	So	So	Mann	A									3	7				1				11	
Plane Sur.	C.E. 111	1	E.E.	All	So	So	Mann	B										23								23	
Plane Sur.	C.E. 111	1	E.E.	All	So	So	Whitener	C			1						2	1	2							6	40
Field Sur.	C.E. 111	1	E.E.	All	So	So	Whitener	A											7							7	
Field Sur.	C.E. 111	1	E.E.	All	So	So	Wooten	B			1						2		6				1			9	
Field Sur.	C.E. 111	1	E.E.	All	So	So	Ellis	C											8							8	
Field Sur.	C.E. 111	1	E.E.	All	So	So	Ellis	D									1		6				1			8	
Field Sur.	C.E. 111	1	E.E.	All	So	So	Ellis	E										2	5							7	39
Plane Sur.	C.E. 105	3	For.	All	So	So	Whitener	A	28																	28	28
Field Sur.	C.E. 105	1	For.	All	So	So	Whitener	A	8																	8	
Field Sur.	C.E. 105	1	For.	All	So	So	Ellis	B	8																	8	
Field Sur.	C.E. 105	1	For.	All	So	So	Ellis	C	6																	6	
Field Sur.	C.E. 105	1	For.	All	So	So	Fontaine	D	7																	7	29
Drawing	C.E. 108	1	For.	All	Fr.	Fr.	Fontaine	A	18																	18	
Drawing	C.E. 108	1	For.	All	Fr.	Fr.	Fontaine	B	19																	19	37
Engrg. Lect.	C.E. 0	0	For.	All	Fr.	Fr.	Mann	A						14	3					3						20	20
TOTAL ENROLLMENT IN SUBJECTS									94	6	12	31	33	104	102	27	32	21	97	5		13	6			583	583
SECOND TERM																											
Re. Concrete	C.E. 203	3	C.E.	All	Sr	Sr	Mann	A						7		3	1									11	
Re. Concrete	C.E. 203	3	C.E.	All	Sr	Sr	Geile	B					4		7											11	22
Roofs & Bridges	C.E. 204	3	C.E.	All	Sr	Sr	Mann	A					1	8	7	3										19	19
Sewerage	C.E. 308	3	C.E.	San.	Sr	Sr	Whitener	A						7		4										11	11
Water Works	C.E. 305	3	C.E.	San.	Sr	Sr	Whitener	A						7		2										9	9
Const. Eng. II	C.E. 302	3	C.E.	Con.	Sr	Sr	Geile	A							8											8	8
San. & Mech. Eq.	C.E. 252	3	C.E.	Con.	Sr	Sr	Geile	A							9											9	9
Highway Eng. II	C.E. 301	3	C.E.	H.E.	Sr	Sr	Tucker	A						6												6	6
Mat. Testg. Lab.	C.E. 269	1	C.E.	H.E.	Sr	Sr	Tucker	A						6		2										8	
Mat. Testg. Lab.	C.E. 269	1	C.E.	H.E.	Sr	Sr	Tucker	B							7											7	
Mat. Testg. Lab.	C.E. 269	1	C.E.	H.E.	Sr	Sr	Tucker	C				4	1		2											7	22
Mechanics	C.E. 200	3	Eng.	All	Jr	Jr	Mann	A		3	7	1	3	2		6	1					2				25	
Mechanics	C.E. 200	3	Eng.	All	Jr	Jr	Wooten	B			11		2			3		3				1				20	
Mechanics	C.E. 200	3	Eng.	All	Jr	Jr	Wooten	C		3	5	1	1			4		1								15	
Mechanics	C.E. 200	3	Eng.	All	Jr	Jr	Wooten	D				4			2	4		10				1				21	
Mechanics	C.E. 200	3	Eng.	All	Jr	Jr	Geile	E			1	4	1		6	1	8					1				22	
Mechanics	C.E. 200	3	Eng.	All	Jr	Jr	Shaw	F		3		1			2		1		6				1			14	117
Const. Eng. I	C.E. 211	3	C.E.	Con.	Jr	Jr	Geile	A							11											11	11
Top. Draw.	C.E. 208	1	C.E.	All	Jr	Jr	Wooten	A						6	8	4										18	
Top. Draw.	C.E. 208	1	C.E.	All	Jr	Jr	Wooten	B	2	6				4	2											14	
Top. Draw.	C.E. 208	1	C.E.	All	So.	So.	Mann	C	28																	28	60
Highway Eng. I	C.E. 261	3	H.E.	C.E.	Jr	Jr	Tucker	A						4	1	1		1								7	7
Theo. Sur. II	C.E. 206	3	C.E.	All	Jr	Jr	Tucker	A						7	11	6										24	24
Field Sur.	C.E. 207	1	C.E.	All	Jr	Jr	Wooten	A					1	3	7	1										12	
Field Sur.	C.E. 207	1	C.E.	All	Jr	Jr	Wooten	B						6	1	3										10	
Field Sur.	C.E. 207	1	C.E.	All	Jr	Jr	Whitener	C		6					3											9	31
Detail Draw.	C.E. 208	1	C.E.	All	So	So	Geile	A						8	2											10	
Detail Draw.	C.E. 208	1	C.E.	All	So.	So.	Geile	B							6											6	16
Plane Sur.	C.E. 111	1	E.E.	All	Jr	Jr	Mann	A				1			1		15					1				18	
Plane Sur.	C.E. 111	1	E.E.	All	Jr	Jr	Whitener	B			6	1					1	4								12	30
Plane Sur. Fld.	C.E. 111	1	E.E.	All	Jr	Jr	Whitener	A				1					4	2								7	
Plane Sur. Fld.	C.E. 111	1	E.E.	All	Jr	Jr	Ellis	B			4	1				1	2									8	
Plane Sur. Fld.	C.E. 111	1	E.E.	All	Jr	Jr	Ellis	C									1	5								6	
Plane Sur. Fld.	C.E. 111	1	E.E.	All	Jr	Jr	Ellis	D			2						3	3								8	29
Theo. Sur. I	C.E. 102	3	C.E.	All	So	So	Mann	A	1	2	1		3	6		2										15	
Theo. Sur. I	C.E. 102	3	C.E.	All	So	So	Wooten	B					7													7	22
Theo. Sur.	C.E. 105	3	For.	For.	So.	So.	Whitener	A	14																	14	
Theo. Sur.	C.E. 105	3	For.	For.	So.	So.	Whitener	B	14																	14	28
Field Sur. F.	C.E. 105	1	For.	For.	So.	So.	Fontaine	A	15																	15	
Field Sur. F.	C.E. 105	1	For.	For.	So.	So.	Ellis	B	14																	14	29
Drawing	C.E. 108	1	For.	For.	Fr.	Fr.	Fontaine	A	15																	15	
Drawing	C.E. 108	1	For.	For.	Fr.	Fr.	Fontaine	B	15																	15	30
Engrg. Lect.	C.E. 0	0	C.E.	All	Fr.	Fr.	Tucker	A						13												13	13
Rural San.	Arch. 226	3	Agri.	Engr.	Sr.	Sr.	Whitener	A																3		3	3
Mats. of Con.	C.E. 104	3	C.E.	All	So.	So.	Tucker	A						1												1	1
TOTAL ENROLLMENT IN SUBJECTS									118	14	23	31	18	110	107	35	55	16	20			2	5	3		557	557
THIRD TERM																											
Rein. for. Con.	C.E. 253	3	C.E.	All	Sr.	Sr.	Mann	A						7		3										10	
Rein. for. Con.	C.E. 253	3	C.E.	All	Sr.	Sr.	Geile	B					4		7											11	21
Struct. Des.	C.E. 269	3	C.E.	All	Sr.	Sr.	Mann	A						8	7	3										18	18
Sewage Dis.	C.E. 311	3	C.E.	San.	Sr.	Sr.	Whitener	A								4										4	4
Water Purif.	C.E. 310	3	C.E.	San.	Sr.	Sr.	Whitener	A								4										4	4
San. Eng.	C.E. 215	3	C.E.	San.	Jr.	Jr.	Whitener	A								7						3				10	10
Hydraulics	C.E. 205	3	M.E.	M.E.	Sr.	Sr.	Whitener	A						1			8			1						10	
Hydraulics	C.E. 205	3	M.E.	M.E.	Sr.	Sr.	Whitener	B					1				9						1			11	21
Constr. Eng. II	C.E. 302	3	C.E.	Con.	Sr.	Sr.	Geile	A							7											7	7
Specifications	C.E. 260	1	C.E.	Con.	Sr.	Sr.	Geile	A							7											7	7
Railroad Eng.	C.E. 306	3	C.E.	C.E.	Sr.	Sr.	Mann	A	1					7	2		1									11	11
Mats. Test. Lab.	C.E. 269	1	C.E.	All	Sr.	Sr.	Tucker	A	20																	20	
Mats. Test. Lab.	C.E. 269	1	C.E.	All	Sr.	Sr.	Tucker	B			10															10	
Mats. Test. Lab.	C.E. 269	1	C.E.	All	Sr.	Sr.	Tucker	C						6		2										8	
Mats. Test. Lab.	C.E. 269	1	C.E.	All	Sr.	Sr.	Tucker	D				4	1		2											7	45
Astronomy	C.E. 301	3	C.E.	C.E.	Sr.	Sr.	Tucker	A					9	1												10	10
Mechanics	C.E. 200	3	Engg.	Engg.	Jr.	Jr.	Mann	A		3	8	1	3	3		4		1				3				26	
Mechanics	C.E. 200	3	Engg.	Engg.	Jr.	Jr.	Wooten	B		2	5	1				2										10	
Mechanics	C.E. 200	3	Engg.	Engg.	Jr.	Jr.	Wooten	C			7	1	1			6		2				1				18	
Mechanics	C.E. 200	3	Engg.	Engg.	Jr.	Jr.	Wooten	D			2	4	1		2	2		10								21	
Mechanics	C.E. 200	3	Engg.	Engg.	Jr.	Jr.	Geile	E		1	3	1		6	1	12						1				25	
Mechanics	C.E. 200	3	Engg.	Engg.	Jr.	Jr.	Shaw	F		3	2	1		3					7				1			17	117
Constr. Eng. I	C.E. 211	4	C.E.	Con.	Jr.	Jr.	Geile	A						10												10	10
Eng. Office Proc.	C.E. 270	1	C.E.	All	Jr.	Jr.	Wooten	A					8	9	4											21	21
High. Eng. I	C.E. 261	3	C.E.	C.E.	Jr.	Jr.	Tucker	A				1	1	1	1											14	14
Field Survey	C.E. 207	1	C.E.	All	Jr.	Jr.	Wooten	A					3	6												9	
Field Survey	C.E. 207	1	C.E.	All	Jr.	Jr.	Wooten	B					1	3	4											8	
Field Survey	C.E. 207	1	C.E.	All	Jr.	Jr.	Wooten	C					8	1												7	
Field Survey	C.E. 207	1	C.E.	All	Jr.	Jr.	Whitener	A	6																	6	30
Theo. Survey	C.E. 206	2	C.E.	All	Jr.	Jr.	Mann	A	1	2			6	8	1	1										19	19
Field Survey	C.E. 102	1	C.E.	All	So.	So.	Whitener	A		1			1	3	1											6	
Field Survey	C.E. 102	1	C.E.	All	So.	So.	Ellis	B					3	2	1											6	
Field Survey	C.E. 102	1	C.E.	All	So.	So.	Ellis	C		1			2	2		1										6	18
Field Survey	C.E. 107	1	For.	All	So.	So.	Fontaine	A	15																	15	
Field Survey	C.E. 107	1	For.	All	So.	So.	Ellis	B	14																	14	29
Det. Drawing	C.E. 108	1	C.E.	All	So.	So.	Geile	A							5		2									7	
Det. Drawing	C.E. 108	1	C.E.	All	So.	So.	Geile	B							3		5									8	15
Mapping	C.E. 101	3	For.	All	So.	So.	Fontaine	A	30																	30	30
Masonry Con.	Arch. 180	2	A.E.	All	Jr.	Jr.	Ellis	A		5																5	5
Drawing	C.E. 108	1	For.	All	Fr.	Fr.	Fontaine	A	15																	15	
Drawing	C.E. 108	1	For.	All	Fr.	Fr.	Fontaine	B	15																	15	30
Eng. Lect.	C.E. 0	0	C.E.	All	Fr.	Fr.	Whitener	A						8	4				1							13	13
TOTAL ENROLLMENT IN SUBJECTS									111	15	19	27	19	93	100	40	53		20	2		4	6			509	509

DEPARTMENT OF CIVIL ENGINEERING
DEPARTMENT TEACHING LOAD FOR 1934 - 35

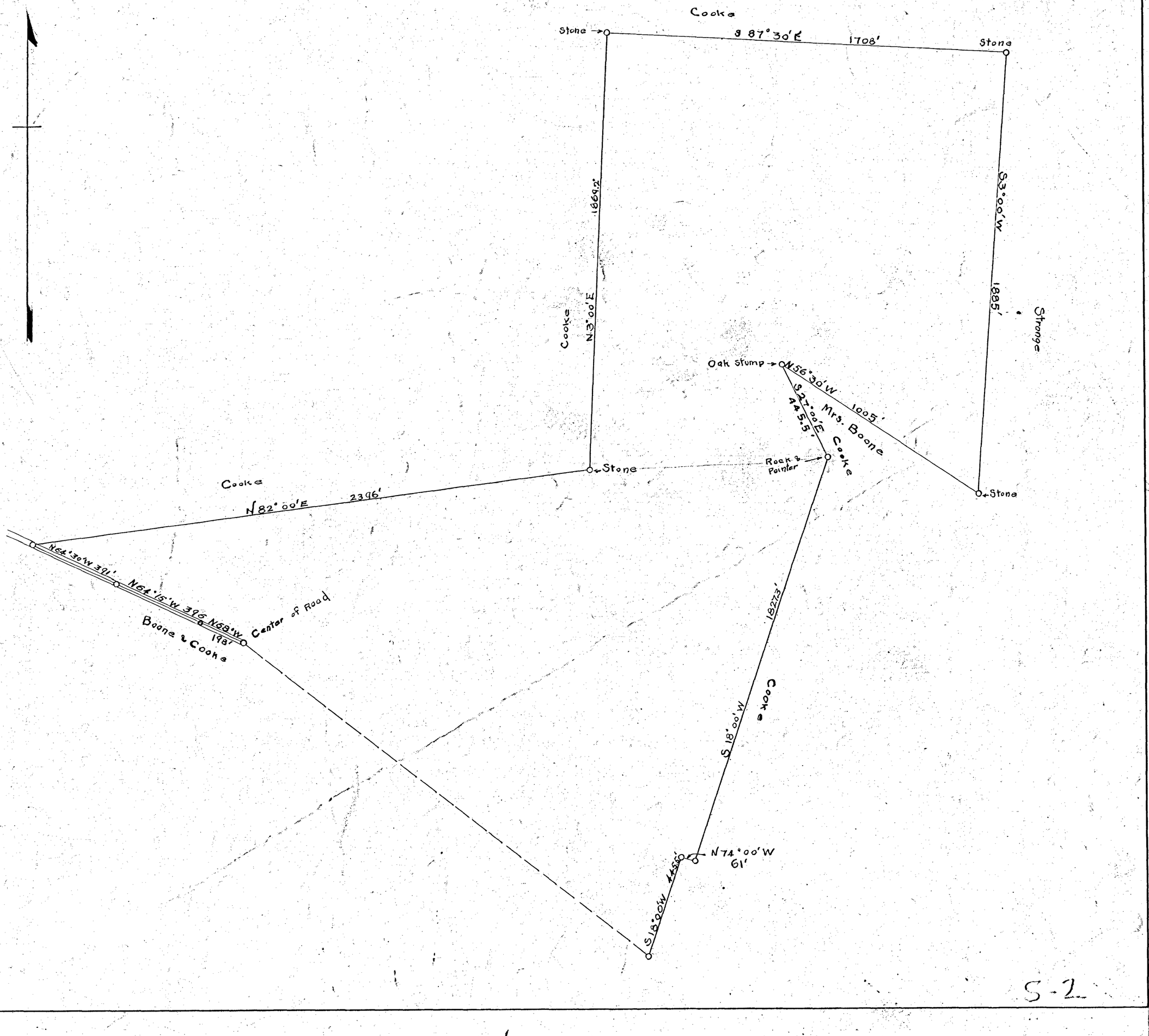
Subject	Cat. No.	Credit	Required in the curriculum of: Department	Class: Division	Subject	Student	Teacher	Section	CLASSIFICATION: Number of Students: Forestry	Landscape Architecture	Ceramic	Chemical	Architectural	Civil: Highway & General	Civil: Constr.	Civil: Sanitary	Mech: General	Mech: Aero.	Electrical	Mining	Chemistry	Textile	Industrial	Agriculture	Geology	Total in Section	Total in Subject
FIRST TERM																											
Str. of Mats.	C.E. 200a	3	C.E.	All	Sr.	Sr.	Mann	A					3	4		5										12	
Str. of Mats.	C.E. 200a	3	C.E.	All	Sr.	Sr.	Geile	B					5		12											17	
Str. of Mats	C.E. 200a	3	A.E.	All	Sr.	Sr.	Tucker	C			6			1			8									15	44
Roofs & Bridges	C.E. 204	3	C.E.	All	Sr.	Sr.	Mann	A						2	9	5										16	
Roofs & Bridges	C.E. 204	3	C.E.	All	Sr.	Sr.	Tucker	B					8	3	2	1										14	30
Hydraulics	C.E. 206	3	C.E.	All	Sr.	Sr.	Geile	A				1		1	4	3	1									10	
Hydraulics	C.E. 206	3	C.E.	All	Sr.	Sr.	Wooten	B						3	3	2	1		1			1				11	21
Fld. Prob. & Off. Rec.	C.E. 362	1	C.E.	San.	Sr.	Sr.	Tucker	A							6		6									12	12
Constr. Eng. II	C.E. 302	3	C.E.	Con.	Sr.	Sr.	Geile	A						1		12										13	13
Bldg. San.	A.E. 202	2	A.E.	All	Jr.	Jr.	Geile	A						10	1											11	11
Mat. Testg. Lab.	C.E. 202	1	C.E.	All	Sr.	Sr.	Tucker	A								12										12	12
Highway Eng.	C.E. 301	3	C.E.	C.E.	Sr.	Sr.	Tucker	A						5	1	1										7	7
Mechanics	C.E. 200b	3	C.E.	Eng. Phy.	Jr.	Jr.	Mann	A		2	14				3		2		1							22	
Mechanics	C.E. 200b	3	C.E.	Eng. Phy.	Jr.	Jr.	Wooten	B		1	16				1		4	1	1							24	
Mechanics	C.E. 200b	3	C.E.	Eng. Phy.	Jr.	Jr.	Wooten	C		2	9			4	2	1	5	1								24	
Mechanics	C.E. 200b	3	C.E.	Eng. Phy.	Jr.	Jr.	Shaw	D		2					2		5		7			1				17	
Mechanics	C.E. 200b	3	C.E.	Eng. Phy.	Jr.	Jr.	Bramer	E		3	4				5		5	5							2	24	
Mechanics	C.E. 200b	3	C.E.	Eng. Phy.	Jr.	Jr.	Bramer	F			1				2		1		10							15	122
Graphic Statics	C.E. 203	1	C.E.	All	Jr.	Jr.	Mann	A						5	5	1										11	
Graphic Statics	C.E. 203	1	C.E.	All	Jr.	Jr.	Mann	B						1	6	1										8	21
Mill San.	C.E. 363	3	Tex.	T.M.	Sr.	Sr.	Johnson	A														16	2			18	18
Theor. Sur.	C.E. 304	3	C.E.	All	Jr.	Jr.	Wooten	A						4	4	1										9	
Theor. Sur.	C.E. 304	3	C.E.	All	Jr.	Jr.	Bramer	B							1	5										6	15
Field Sur.	C.E. 351	1	C.E.	All	Jr.	Jr.	Wooten	A		1					3	1										5	
Field Sur.	C.E. 351	1	C.E.	All	Jr.	Jr.	Wooten	B							5											5	
Field Sur.	C.E. 351	1	C.E.	All	Jr.	Jr.	Wooten	C						5	1											6	16
Detail Drawg.	C.E. 306	1	C.E.	All	So.	So.	Geile	A				1		5	3	1										10	16
Mats. of Constr.	C.E. 202	3	C.E.	All	So.	So.	Geile	A						9	6	3	2		4						1	25	25
Plane Sur.	C.E. 311	1	E.E.	All	So.	So.	Mann	A		1							3		11							12	
Plane Sur.	C.E. 311	1	E.E.	All	So.	So.	Mann	B		2			1				3		10							22	
Field Sur.	C.E. 311	1	E.E.	All	So.	So.	Bramer	A	1	2									5							8	
Field Sur.	C.E. 311	1	E.E.	All	So.	So.	Bramer	B									2		6							8	
Field Sur.	C.E. 311	1	E.E.	All	So.	So.	Fontaine	C	1	1									5							7	
Field Sur.	C.E. 311	1	E.E.	All	So.	So.	Fontaine	D	3										6							9	
Field Sur.	C.E. 311	1	E.E.	All	So.	So.	Espey	E	1			1							4							6	72
Surveying F.	C.E. 313	3	For.	All	So.	So.	Fontaine	A	21																	21	
Surveying F.	C.E. 313	3	For.	All	So.	So.	Bramer	B	22																	22	
Field Sur.	C.E. 351	1	For.	All	So.	So.	Fontaine	A	6																	6	
Field Sur.	C.E. 351	1	For.	All	So.	So.	Espey	B	6			1														9	
Field Sur.	C.E. 351	1	For.	All	So.	So.	Espey	C	8																	8	
Field Sur.	C.E. 351	1	For.	All	So.	So.	Espey	D	9																	9	
Field Sur.	C.E. 351	1	For.	All	So.	So.	Espey	E	5																	5	80
Drawing	C.E. 360	1	For.	All	Fr.	Fr.	Fontaine	A	22																	22	
Drawing	C.E. 360	1	For.	All	Fr.	Fr.	Fontaine	B	11																	11	
Drawing	C.E. 360	1	For.	All	Fr.	Fr.	Fontaine	C	17																	17	
Drawing	C.E. 360	1	For.	All	Fr.	Fr.	Fontaine	D	20																1	21	71
Eng. Lect.		0	C.E.	All	Fr.	Fr.	Mann	A						24	3	1			1							29	29
TOTAL ENROLLMENT IN SUBJECTS									159		29	13	33	85	117	33	29	15	13	5		16	4		4	655	655
SECOND TERM																											
Re Concrete	C.E. 200a	3	C.E.	All	Sr.	Sr.	Mann	A					3	6		5										14	
Re Concrete	C.E. 200a	3	C.E.	All	Sr.	Sr.	Geile	B					5		12											17	31
Roofs & Bridges	C.E. 204	3	C.E.	All	Sr.	Sr.	Mann	A						5	12	5										22	22
Sewerage	C.E. 305	3	C.E.	San.	Sr.	Sr.	Johnson	A							6	5										11	11
Water Works	C.E. 305	3	C.E.	San.	Sr.	Sr.	Johnson	A							6	5										11	11
Const. Eng. II	C.E. 302	3	C.E.	Con.	Sr.	Sr.	Geile	A							12											12	12
San. & Mech. Eq.	C.E. 303	3	C.E.	Con.	Sr.	Sr.	Geile	A							12											12	12
Highway Engr.	C.E. 302	3	C.E.	H.E.	Sr.	Sr.	Tucker	A							6	1										7	7
Mat. Test. Lab.	C.E. 202	1	C.E.	M.E.	Sr.	Sr.	Tucker	A					1	2		5	4									12	
Mat. Test. Lab.	C.E. 202	1	M.E.	M.E.	Sr.	Sr.	Tucker	B							11											11	
Mat. Test. Lab.	C.E. 202	1	M.E.	M.E.	Sr.	Sr.	Tucker	C					10													10	33
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Mann	A			16					2	1	2								21	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	B		2	13			1	2		2		1							21	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	C		1	5			1	7		4	4							1	23	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	D		1	6			3	2		3	1								16	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	E				1	1				1		13							16	97
Const. Eng. I	C.E. 301	3	C.E.	Con.	Jr.	Jr.	Geile	A							12											12	12
Topog. Drawing	C.E. 307	1	C.E.	All	Jr.	Jr.	Lambe	A	1					6	10	1										18	18
Topog. Drawing	C.E. 307	1	For.	All	So.	So.	Mann	A	23																	23	
Topog. Drawing	C.E. 307	1	For.	All	So.	So.	Mann	B	18																	18	41
Optimal Engr.	C.E. 313	3	M.E.	M.E.	Jr.	Jr.	Tucker	A						1	2		4									7	7
Theo. Surv. II	C.E. 305	3	C.E.	All	Jr.	Jr.	Tucker	A						1	9		4									14	14
Field Survey	C.E. 351	1	C.E.	All	Jr.	Jr.	Bramer	A							5											5	
Field Survey	C.E. 351	1	C.E.	All	Jr.	Jr.	Lambe	B							4	1										5	
Field Survey	C.E. 351	1	C.E.	All	Jr.	Jr.	Lambe	C						5		1										6	16
Detail Drawing	C.E. 306	1	C.E.	All	So.	So.	Geile	A																			
Plane Surveying	C.E. 311	1	C.E.	All	Jr.	Jr.	Mann	A		1							10	3								14	
Plane Surveying	C.E. 311	1	E.E.	All	Jr.	Jr.	Fontaine	B		6		1					3	5								15	79
Plane Surveying	C.E. 311	1	E.E.	All	Jr.	Jr.	Espey	A		2							5									7	
Plane Surveying	C.E. 311	1	E.E.	All	Jr.	Jr.	Espey	B				1					3	3								7	14
Plane Surveying	C.E. 311	1	E.E.	All	Jr.	Jr.	Fontaine	C		3							1	2								6	6
Plane Surveying	C.E. 311	1	E.E.	All	Jr.	Jr.	Fontaine	D																			
Plane Surveying	C.E. 311	1	E.E.	All	Jr.	Jr.	Lambe	E									6									6	6
Theo. Surveying	C.E. 305	3	C.E.	All	So.	So.	Lambe	A				1	1	5	1		3									10	
Theo. Surveying	C.E. 305	3	C.E.	All	So.	So.	Lambe	B		7			1	2	6		1									12	22
Theo. Surveying	C.E. 305	3	For.	For.	So.	So.	Bramer	A	22																	22	
Theo. Surveying	C.E. 305	3	For.	For.	So.	So.	Fontaine	B	18																	18	40
Field Survey "F"	C.E. 351	1	For.	For.	So.	So.	Bramer	A	20																	20	
Field Survey F	C.E. 351	1	For.	For.	So.	So.	Fontaine	B	20																	20	40
Drawing	C.E. 360	1	For.	For.	Fr.	Fr.	Fontaine	A	22																	22	
Drawing	C.E. 360	1	For.	For.	Fr.	Fr.	Fontaine	B	6																	6	28
Engr. Lectures	C.E. 1		C.E.	All	Fr.	Fr.	Tucker																				
Rural Sanit.	C.E. 209	3	Agr.	Sec.	Sr.	Sr.	Johnson																				
Struct. Design	C.E. 304	3	C.E.	All	Sr.	Sr.	Mann	A						5	12	5										22	22
Sewage Lab.	C.E. 305	1	C.E.	San.	Sr.	Sr.	Espey	A						6		5										11	
Water Works Lab	C.E. 305	1	C.E.	San.	Sr.	Sr.	Espey	B						6		5										11	22
Drawing	C.E. 360	1	For.	All	Fr.	Fr.	Fontaine	A	13																	13	
Drawing	C.E. 360	1	For.	All	Fr.	Fr.	Fontaine	B	22																	22	35
TOTAL ENROLLMENT IN SUBJECTS									164	3	16	4	24	53	149	46	55	20	14					1		608	608
THIRD TERM																											
Re Concrete	C.E. 200a	3	C.E.	All	Sr.	Sr.	Mann	A					3	6		5										14	
Re Concrete	C.E. 200a	3	C.E.	All	Sr.	Sr.	Geile	B					5		12											17	31
Struct. Design	C.E. 304	3	C.E.	All	Sr.	Sr.	Mann	A						5	12	5										22	22
Sewage Disp.	C.E. 305	3	C.E.	San.	Sr.	Sr.	Johnson	A								6										7	7
Water Purific.	C.E. 305	3	C.E.	San.	Sr.	Sr.	Johnson	A								6										6	6
San. Engineering	C.E. 303	3	C.E.	San.	Sr.	Sr.	Johnson	A			2			2		2										6	6
Hydraulics	C.E. 306	3	M.E.	M.E.	Sr.	Sr.	Johnson	A											10							10	10
Hydraulics	C.E. 306	3	M.E.	M.E.	Sr.	Sr.	Tucker	A							1	2	16									19	19
Const. Eng. II	C.E. 302	3	C.E.	Con.	Sr.	Sr.	Geile	A							12											12	12
Const. Eng. II	C.E. 302	3	C.E.	Con.	Sr.	Sr.	Geile																				
Specifications	C.E. 308	1	C.E.	Con.	Sr.	Sr.	Geile	A							13											13	13
Railroad Eng.	C.E. 303	3	C.E.	C.E.	Sr.	Sr.	Mann	A						6	2	2										10	10
Mats. Testing Lab	C.E. 202	1	C.E.	All	Sr.	Sr.	Tucker	A					1	6		5										12	
Mats. Testing Lab	C.E. 202	1	C.E.	All	Sr.	Sr.	Tucker	B					10													10	22
Mats. Testing Lab	C.E. 202	1	M.E.	All	Sr.	Sr.	Fontaine	C		4							1									4	4
Astronomy	C.E. 1	2	C.E.	C.E.	Sr.	Sr.	Tucker	A						7			1									8	8
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Mann	A				15			2		1	2								20	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	B		1	12				1		1		2							17	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	C		2	5			1	3	1	5	7							1	28	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	D		1	4			2	2		3									12	
Mechanics	C.E. 200b	3	Eng. Phy.	All	Jr.	Jr.	Bramer	E				1	1						12							14	
Mechanics	C.E. 200b	5	Eng. Phy.	All	Jr.	Jr.	Shaw	F			4	2	1	1			5	1	7				2			23	118
Const. Eng. I	C.E. 301	4	C.E.	Con.	Jr.	Jr.	Geile	A							13											13	13
Eng. Off. Prac.	C.E. 309	1	C.E.	All	Jr.	Jr.	Lambe	A	1					6	10	1										18	18
Highway Eng.	C.E. 301	3	C.E.	C.E.	Jr.	Jr.	Tucker	A						5												5	5
Field Survey	C.E. 351	1	C.E.	All	Jr.	Jr.	Bramer	A		1					4											5	
Field Survey	C.E. 351	1	C.E.	All	Jr.	Jr.	Bramer	B							5											5	
Field Survey	C.E. 351	1	C.E.	All	Jr.	Jr.	Lambe	C						5		1										6	16
Theo. Survey	C.E. 305	2	C.E.	All	So.	So.	Lambe	A					1	6	2		1									10	
Theo. Survey	C.E. 305	2	C.E.	All	So.	So.	Lambe	B					2	1	7		3									13	23
Field Survey	C.E. 351	1	C.E.	All	So.	So.	Lambe	A					2	2	2		2									8	
Field Survey	C.E. 351	1	C.E.	All	So.	So.	Espey	B							4		3									7	
Field Survey	C.E. 351	1	C.E.	All	So.	So.	Espey	C					1	2	2		2									7	22
Detail Drawing	C.E. 306	1	C.E.	All	So.	So.	Geile	A						6	5	1										12	12
Mapping	C.E. 312	1	For.	All	So.	So.	Bramer	A	21																	21	
Mapping	C.E. 312	1	For.	All	So.	So.	Lambe	B	20																	20	41
Masonry Const.	C.E. 206	2	A.E.	All	So.	So.	Fontaine	A		1				2												3	3
Drawing	C.E. 360	1	For.	All	So.	So.	Fontaine	A	22																	22	
Drawing	C.E. 360	1	For.	All	So.	So.	Fontaine	B	7																	7	
Drawing	C.E. 360	1	For.	All	So.	So.	Fontaine	C	13																	13	
Drawing	C.E. 360	1	For.	All	So.	So.	Fontaine	D	18																	18	61
Theo. Surveying	C.E. 305	3			Sr.	Sr.	Geile	A						1		1										2	2
Field Survey	C.E. 351	1	For.	All	So.	So.	Fontaine	A	20																	20	
Field Survey	C.E. 351	1	For.	All	So.	So.	Bramer	B	20																	20	40
TOTAL ENROLLMENT IN SUBJECTS									143	2	8	41	30	71	120	37	42	11	31				2		1	539	539

DEPARTMENT OF CIVIL ENGINEERING DEPARTMENT TEACHING LOAD FOR 1936-37

Subject	Cat. No	Credit	Required in the Curriculum of: Department	Class: Division	Class: Subject	Class: Student	Teacher	Section	CLASSIFICATION: NUMBER OF STUDENTS: Forestry	Landscape Architecture	Ceramic	Chemical	Civil: Architectural	Civil: Highway General	Civil: Constr.	Civil: Sanitary	Mech: General	Mech: Aero	Mech: Electrical	Mining	Chemistry	Textile	Industrial	Agriculture	Geology	Education	Total No Specified	Total No Subjects
FIRST TERM																												
Str of Matls	52a	3	CE	All	Sr	Sr	Mann	A					2	8	11	1											22	
Str of Matls	52a	3	AE	All	Sr	Sr	Smith	B			4						1		4								9	
Str of Matls	52a	3	AE	All	Sr	Sr	Smith	C									13										13	44
Roads & Bridges	54a	3	AE	All	Sr	Sr	Mann	A					1	7	10	1											19	19
Fld Pipe & Off Pr	62a	1	CE	San	Sr	Sr	Bromer	A	1					6		1											8	8
Const. Eng II	53a	3	CE	Con	Sr	Sr	Geile	A							11												11	11
Mat Test Lab	55a	1	CE	All	Sr	Sr	Tucker	A							11												11	11
Mat Const	50a	3	CE	All	Sr	Sr	Tucker	A					1	8	3		6	3									21	
Mat Const	50a	3	CE	All	Sr	Sr	Geile	B					4	1	8		3	1									17	38
Mat Const Lab	50a	1	CE	All	Sr	Sr	Bromer	A					4	3	2	1	6	2									18	
Mat. Const Lab	50a	1	CE	All	Sr	Sr	Fontaine	B					3	1	2		8	2									16	34
Highway Eng II	53a	3	CE	CE	Sr	Sr	Tucker	A						6	2	1											9	9
Mechanics A	52a	3	CE	All	Jr	Jr	Mann	A			1	1		2			5										9	
Mechanics A	52a	3	CL	All	Jr	Jr	Smith	B			1	5		1			3	3	10								23	
Mechanics A	52a	3	CE	All	Jr	Jr	Smith	C			3	3						1					1				8	
Mechanics A	52a	3	CE	All	Jr	Jr	Smith	D		1	2			1			2	3									9	
Mechanics A	52a	3	CE	All	Jr	Jr	Geile	E				8			1												9	
Mechanics A	52a	3	CE	All	Jr	Jr	Bromer	F			2	2				1	4	1	13								23	
Mechanics B	52a	3	CE	All	Jr	Jr	Mann	G			1		1	3	7		1										13	
Mechanics C	52a	3	CE	All	Jr	Jr	Bromer	H				1	4	3			1										9	
Mechanics C	52a	3	CE	All	Jr	Jr	Bromer	I				1	1	4			3										9	112
Mill Sanitation	54a	3	Tex		Sr	Sr	Johnson	A													16						16	
Mill Sanitation	54a	3	Tex		Sr	Sr	Johnson	B													30						30	46
Const Eng I	53a	3	CE	Con	Jr	Jr	Geile	A							7												7	7
Theor Survey	56a	3	CE	All	So	So	Fontaine	A	20					1	1												22	
Theor Survey	56a	3	CE	All	So	So	Fontaine	B	1				2	17		2										1	23	
Theor Survey	56a	3	CE	All	So	So	Lambe	C	19						2		1										21	
Theor Survey	56a	3	CE	All	So	So	Lambe	D	8	2				2	1												13	79
Field Survey	57a	1	Sur	All	So	So	Fontaine	A	15																		15	
Field Survey	57a	1	Sur	All	So	So	Fontaine	B	3				1	7		1											12	
Field Survey	57a	1	Sur	All	So	So	Lambe	C	12					2													14	
Field Survey	57a	1	Sur	All	So	So	Lambe	D	5			1		1	3											1	11	
Field Survey	57a	1	Sur	All	So	So	Lambe	E	3					8	2	1											14	66
Topo. Draming	58a	1	CE	All	Jr	Jr	Lambe	A						13		1											14	14
Draming	59a	1	Par	All	Fr	Fr	Fontaine	A	22																		22	
Draming	59a	1	Par	All	Fr	Fr	Fontaine	B	20																		20	
Draming	59a	1	Par	All	Fr	Fr	Lambe	C	20																		20	
Draming	59a	1	Par	All	Fr	Fr	Lambe	D	19																		19	
Draming	59a	1	Par	All	Fr	Fr	Fontaine	E	9																		9	90
Eng Lectures	Ge	0	CE	All	Fr	Fr	Mann.	A						42													42	42
TOTAL ENROLLMENT IN SUBJECTS									177	3	14	22	24	147	84	11	57	16	27		46		1		1	630	630
SECOND TERM																												
Str of Matls	52a	3	AE	All	Sr	Sr	Mann	A					2	7	12	1											22	
Str of Matls	52a	3	AE	All	Sr	Sr	Smith	B					3	1	1		5	3									13	
Str of Matls	52a	3	AE	All	Sr	Sr	Smith	C					2		1		5	3									11	
Str of Matls	52a	3	AE	All	Sr	Sr	Bromer	D						7	7		1	1									16	82
Roads & Bridges	54a	3	CE	All	Sr	Sr	Mann	A					1	6	11	1											19	19
Water Works	54a	2	CE	San	Sr	Sr	Johnson	A						5		1											6	6
Sewerage	54a	2	CE	San	Sr	Sr	Johnson	A						8		1											9	9
Const Eng II	53a	3	CE	Con	Sr	Sr	Geile	A						1	10												11	11
San Mech Equip	54a	3	CE	Con	Sr	Sr	Geile	A						1	10												11	11
Highway Eng II	53a	3	CE	CE	Sr	Sr	Tucker	A						7	2	1											10	10
Mat Test Lab	55a	1	CE	All	Sr	Sr	Tucker	A						1	10												11	
Mat Test Lab	55a	1	CE	All	Sr	Sr	Tucker	B					6	8		1		1									16	27
Mechanics A	52a	3	CE	All	Jr	Jr	Bromer	A			2	2		2		1	4	3	2								18	
Mechanics B	52a	3	CE	All	Jr	Jr	Smith	B		3	4					2		2	10								21	
Mechanics B	52a	3	CE	All	Jr	Jr	Smith	C				4			1		1						1				8	
Mechanics B	52a	3	CE	All	Jr	Jr	Bromer	D				1		1		1	3		12								18	
Mechanics B	52a	3	CE	All	Jr	Jr	Geile	E				8				2	2										12	
Mechanics B	52a	3	CE	All	Jr	Jr	Mann	F			1	6	1			1											9	
Mechanics C	52a	3	CE	All	Jr	Jr	Mann	G			1		1	4	8		1										15	101
Const Eng I	53a	3	CE	Con	Jr	Jr	Geile	A	1			1		7													9	9
Highway Engr	53a	3	AE	CE	Jr	Jr	Tucker	A						12													12	12
Topo. Draming	58a	1	CE	All	Jr	Jr	Lambe	A						9													9	9
Topo. Draming	58a	1	Sur	All	So	So	Lambe	A	14																		14	
Topo. Draming	58a	1	Sur	All	So	So	Lambe	B	12																		12	
Topo. Draming	58a	1	Sur	All	So	So	Fontaine	C	19																		19	45
Theo Survey A	56a	3	CE	All	So	So	Bromer	A	13						2	1		1									17	
Theo Survey A	56a	3	CE	All	So	So	Fontaine	B	1						9	1	2									1	14	
Theo Survey B	56a	3	CE	All	So	So	Fontaine	C	9						1			2									12	
Theo Survey B	56a	3	CE	All	So	So	Fontaine	D	10						2	1											13	
Theo Survey B	56a	3	CE	All	So	So	Lambe	E	11						2	1		1									15	
Theo Survey B	56a	3	CE	All	So	So	Lambe	F	6	1					1	2											10	79
Field Survey	57a	1	CE	All	So	So	Fontaine	A							8	3	2		1								14	
Field Survey	57a	1	CE	All	So	So	Lambe	B							8	2			1								11	25
Draming	59a	1	Par	All	Fr	Fr	Fontaine	A	18																		18	
Draming	59a	1	Par	All	Fr	Fr	Fontaine	B	16																		16	
Draming	59a	1	Par	All	Fr	Fr	Fontaine	C	9																		9	
Draming	59a	1	Par	All	Fr	Fr	Lambe	D	14																		14	
Draming	59a	1	Par	All	Fr	Fr	Lambe	E	16																		16	73
Sewerage Lab	54a	1	CE	San	Sr	Sr	Bromer	A						5		1											6	6
Water Wks Lab	54a	1	CE	San	Sr	Sr	Bromer	A						8		1											9	9
Eng Lectures	CE	0	CE	All	Jr	Jr	Mann.	A						41													41	41
Re Concrete	52a	3	CE	All	Sr	Sr	Geile	A						1	9												11	11
TOTAL ENROLLMENT IN SUBJECTS									169	4	8	22	19	173	99	16	25	20	24				1		1	575	575
THIRD TERM																												
Re-Concrete	52a	3	AE	All	Sr	Sr	Mann	A					1	6	3	1											11	
Re-Concrete	52a	3	AE	All	Sr	Sr	Geile	B					1	2	8												11	22
Sew. Treatment	54a	2	CE	All	Sr	Sr	Mann	A						6	11	1											18	18
Sewage Disposal	54a	3	CE	San	Sr	Sr	Johnson	A								1											1	1
Water Purification	54a	3	CE	San	Sr	Sr	Johnson	A								1											1	1
Sanitary Eng.	54a	3	CE	San	Jr	Jr	Johnson	A								2											2	2
Const Eng I	53a	3	CE	Con	Jr	Jr	Geile	A							7			1									8	8
Const Eng II	53a	3	CE	Con	Sr	Sr	Geile	A							10												11	11
Specifications	53a	1	CE	Con	Sr	Sr	Geile	A							10												11	11
Railroad Eng.	53a	3	CE	CE	Sr	Sr	Mann	A						7		1	1										9	9
Mat. Testing Lab	55a	1	CE	All	Sr	Sr	Tucker	A						5		1											6	
Mats Testing Lab	55a	1	AE	All	Sr	Sr	Fontaine	B			5																5	11
Astronomy	56a	3	CE	CE	Sr	Sr	Tucker	A						4	1												5	5
Mechanics A	52a	3	Eng	Eng	Jr	Jr	Bromer	A			1		2	7	4		1		2								17	
Mechanics B	52a	3	Eng	Eng	Jr	Jr	Bromer	B			2	2	2	1		1	4	3	1								16	
Mechanics B	52a	3	Eng	Eng	Jr	Jr	Smith	C			1	4			1		1		5								12	
Mechanics C	52a	3	Eng	Eng	Jr	Jr	Smith	D				3				1	5	3	1								13	
Mechanics C	52a	3	CE	Eng	Jr	Jr	Bromer	E				3		1		1	3	1	9								18	81
Str Materials	52a	3	AE	All	Sr	Sr	Smith	A			1	17	1		1		1										21	
Str Materials	52a	3	CE	All	Sr	Sr	Smith	B					3		1		3	3									10	
Str Materials	52a	3	AE	All	Sr	Sr	Smith	C									6	3									9	
Str Materials	52a	3	CE	All	Sr	Sr	Bromer	D					1	7	8												16	56
Const Eng I	53a	4	CE	Con	Jr	Jr	Geile	A							7			1									8	8
Eng. Off. Prac	53a	1	CE	All	Jr	Jr	Lambe	A						12		1											13	13
Highway Eng I	53a	3	CE	CE	Jr	Jr	Tucker	A			1			11													12	12
Bldg Sanitation	54a	2	CE	Con	Sr	Sr	Geile	A					6														6	6
Theo Survey B	56a	3	CE	All	So	So	Bromer	A	17					3	1		1									1	23	
Theo Survey B	56a	3	CE	All	So	So	Fontaine	B	4					1												1	6	
Theo Survey C	56a	3	CE	All	So	So	Lambe	C						8		1											9	
Theo Survey C	56a	3	CE	All	So	So	Lambe	D						6		1											7	45
Field Survey	57a	1	Par	All	So	So	Fontaine	A						7		2		1									10	
Field Survey	57a	1	Par	All	So	So	Bromer	B	3																		3	
Field Survey	57a	1	Par	All	So	So	Lambe	C	5																		5	
Field Survey	57a	1	CE	CE	So	So	Fontaine	D	7					1													8	
Field Survey	57a	1	CE	CE	So	So	Lambe	E		1				9				1									11	37
Draming	59a	1	Par	All	Fr	Fr	Fontaine	A	18																		18	
Draming	59a	1	Par	All	Fr	Fr	Fontaine	B	12																		12	
Draming	59a	1	Par	All	Fr	Fr	Fontaine	C	9																		9	
Draming	59a	1	Par	All	Fr	Fr	Lambe	D	13																		13	
Draming	59a	1	Par	All	Fr	Fr	Lambe	E	12																		12	64
Eng Lectures	CE	0	CE	All	Fr	Fr	Mann	A						41													41	41
TOTAL ENROLLMENT IN SUBJECTS									100	1	10	30	17	147	73	15	25	18	24						2	462	462


℄ Rd
F
Power Line
℄ Farm Rd.
26+27, ℄ stream
No Pine tree
G
No stake. Log bridge @ 7+22.
H
J
Dry stream bed
E
A
+500
+680
+1130 creek
B
Line A-B goes to middle of 36" oak 1 pt in iron stake at +10.34.
+1198 iron stake
fence
bottom
creek at +330
C
D
at +510 (beyond is woods with no under brush; used as pasture)
No corner found; put in iron stake at +1105 from iron stake on line BC.
No fence corner where line strikes fence.
N
Boyer : A-E-F-G-H-J
Funk : A-B-C-D-J

Tract #9 Area = 121.5 A Scale 1" = 300'



Deed Book Chart

S-2

N.C. STATE COLLEGE LAND

S80-30E 2975 pine west side of road

N15-50E 455 (line of marks) pipe

orig iron stake on W side of road

S84-31E 1091

orig pipe

S84-05E 1377

orig pipe & oak pointer

33+37 Pipe corner

30+00 Pipe

25+69 Pipe (orig) corner

20+00 Pipe

15+00 Pipe

11+50 Pipe

9+30 pine & iron

MRS. MORGAN

MRS. MARLEY

BLAKE

N14-50E 3700

N85-05W 2449'

W.P.T.F.CO.

Pipe in orig pile of stumps & mound of pebbles

1+49 pipe

BRANCH

DEED CREEK CANAL

1+49 pipe

9+35 pine

9+85 pine

orig line of old street

WYATT SON

KEITH

LAND

1483

S3-25W

orig iron pipe set to mark corner of Morris & Cheek

4+80 iron stk

7+85 SPRING

9+89 iron stk

KING

N91-15W 2265

15+00 Pipe

11+00 Pipe

5+00 Pipe

5+00 Pipe

S6-30W 763

TRINITY ROAD

54-35W 409

JOE ST. FAIR CROUA

040

iron stk

70 U.S. NO.

orig corner

S16-35W 1985' line of stakes

9+85 pine

S16-35W 658

9+86 pine

S89-30W 577

marked trees

Branch

pipe in orig pile of stones with orig pine at

McDONELL line

S16-35W 1055 line of stakes

pipe in orig pile of stones

N86-30E 1175

pine

W.P.T.F.CO.

TOWNES

HILL & TO COOPER

pipe 6+00

pipe 10+20

N15-45E 1112

S5-45W 70

oldhouse

W.P.T.F.

pipe 3+00

pine

pine

S76-00W 100

30

22

22

Goldston

Drop thus Boundary Line about ½"

M.C.

110 100 DE

A 1175 BC 1075

10

30

30

W.P.T.F. Corrected

REAVES DRIVE

PROPERTY LINE

PROPERTY LINE

DRIVE

AVON

HUDSON ST.

60 60 65 65 65 65 65 80 80

145.0 144.2 148.4 147.0 145.4 152.7 149.7 138.6 127.5

(2) (3) (4) (5) (8) (9) (10) (11) (12)

30' PARK

30' PARK

44

97.5 to curb
94.0 to pipe

38 60 65 65 65 65 65 80 80

92

(1) (14)

65 60 150

(6) 60 60 150 158

(7) 38 122

63

N 7°-00' W 70.5

N 7°-00' W 460 to pipe 463.5 to curb

wire fenced

wire fenced

wire fenced

wire fenced

1305

363

172.5

— parts of —

VILLA PARK

— and —

VAN-GUARD PARK

RALEIGH

— N.C. —

Scale 1" = 50'

July 1956

— C. L. MANN —
Engr

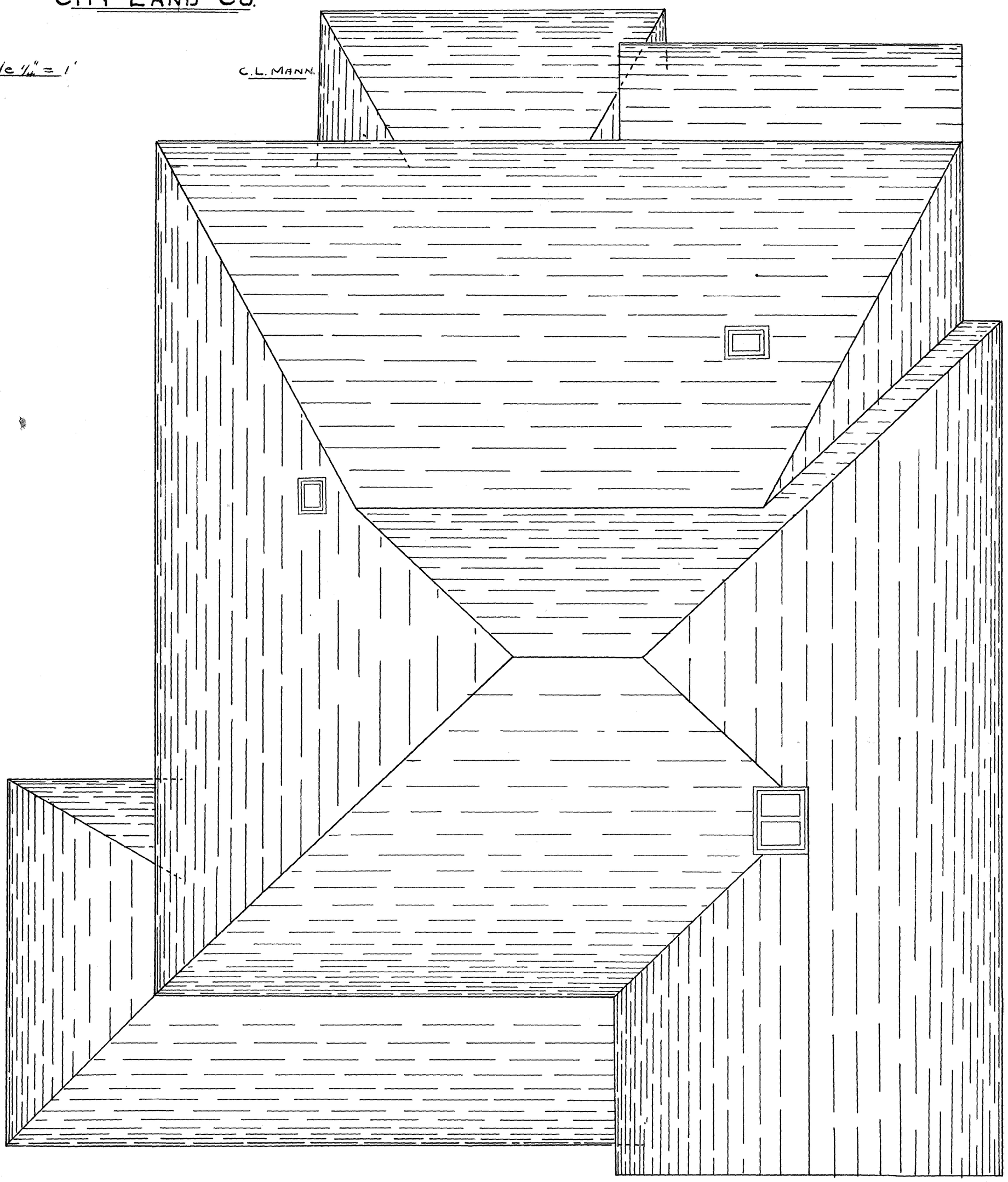
Note:
Iron pipe at all
Lot corners

Wednesday Jan. 25, 1950 E. I. Wood came to Board office to pay his 1950 renewal surveyors license. I asked him about the survey, map he made of the Cooper Oil property on old Wake Forest Rd. He said Mr. Cooper asked him to make the survey using only his (Cooper's) deed descriptions. Wood said he did not ordinarily take surveying jobs with restrictions of that nature. However, he did do it since Mr. Cooper was his neighbor, but after he had made the survey and map, he told Mr. Cooper that since the survey had been made without reference to deeds and descriptions of adjoining lands, he advised him not to build the fence in accordance with this survey until he had the matter looked into further.

COTTAGE
for
CITY LAND CO.

Scale 1/4" = 1'

C. L. MANN.

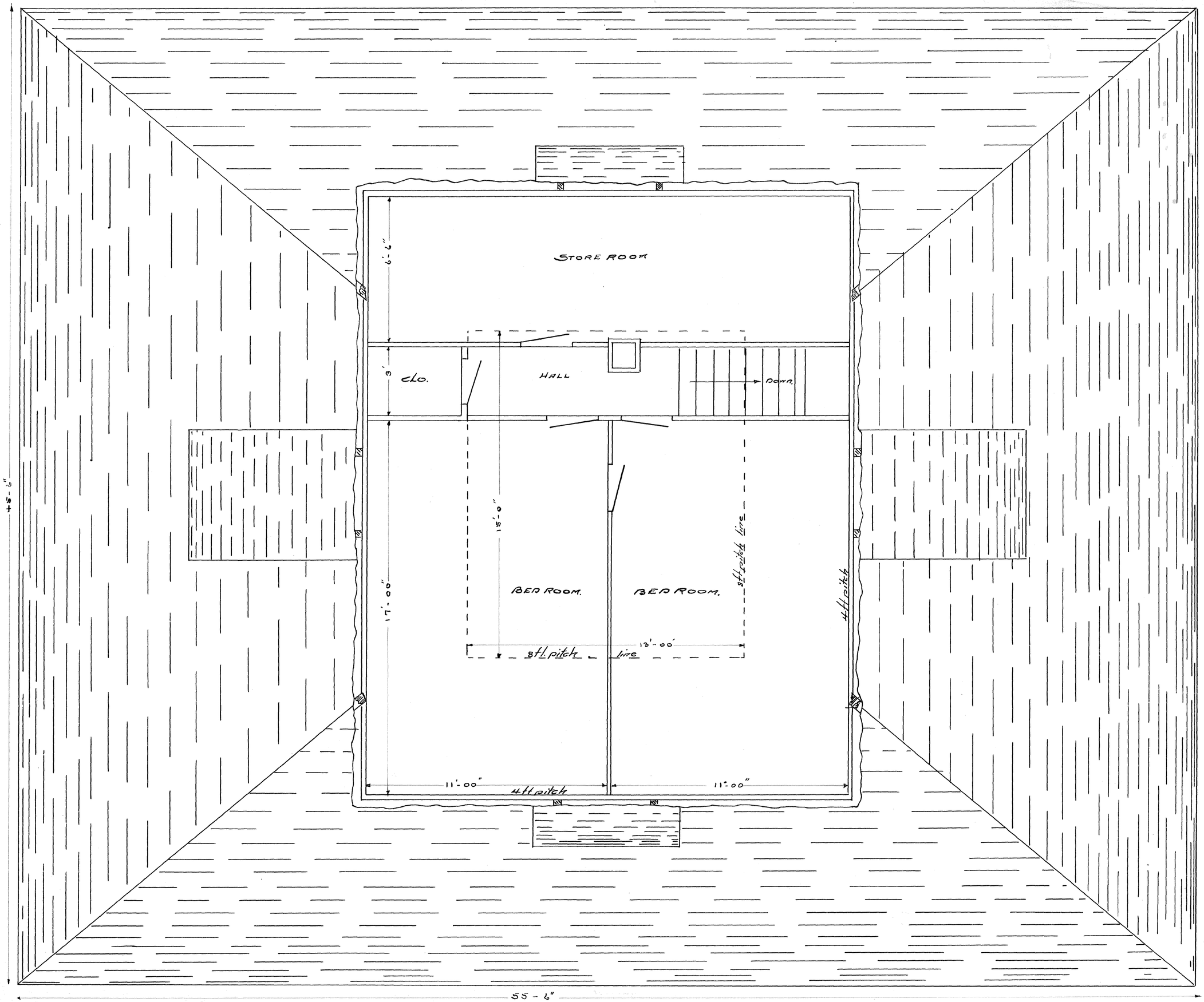


ROOF PLAN

END ELEVATION

Scale 3/8" = 1'

ROOF & ATTIC PLAN



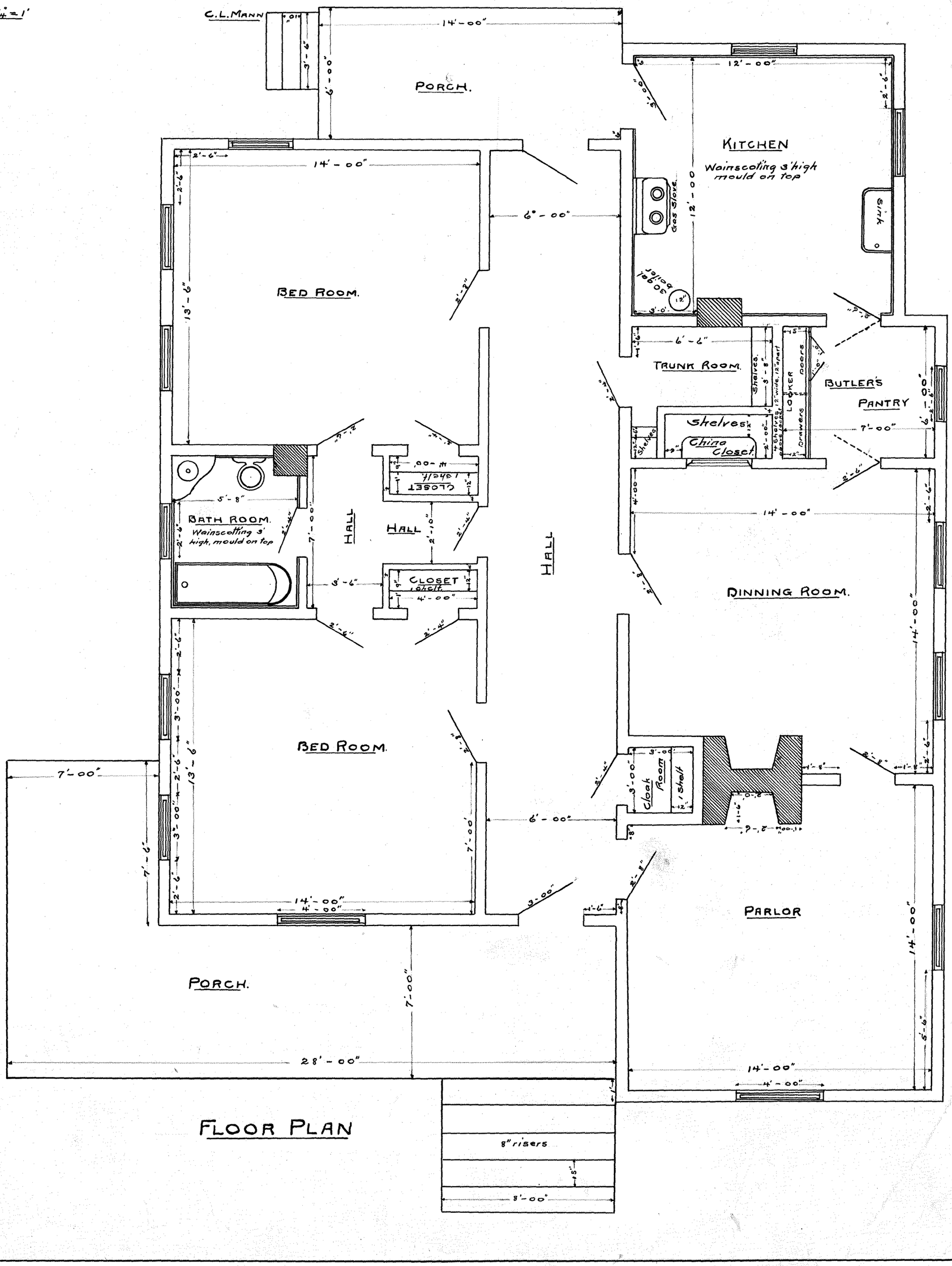
Scale 3/8" = 1'

FRONT ELEVATION

Scale 3/8" = 1'

COTTAGE
for
CITY LAND CO.

Scale 1/4" = 1'



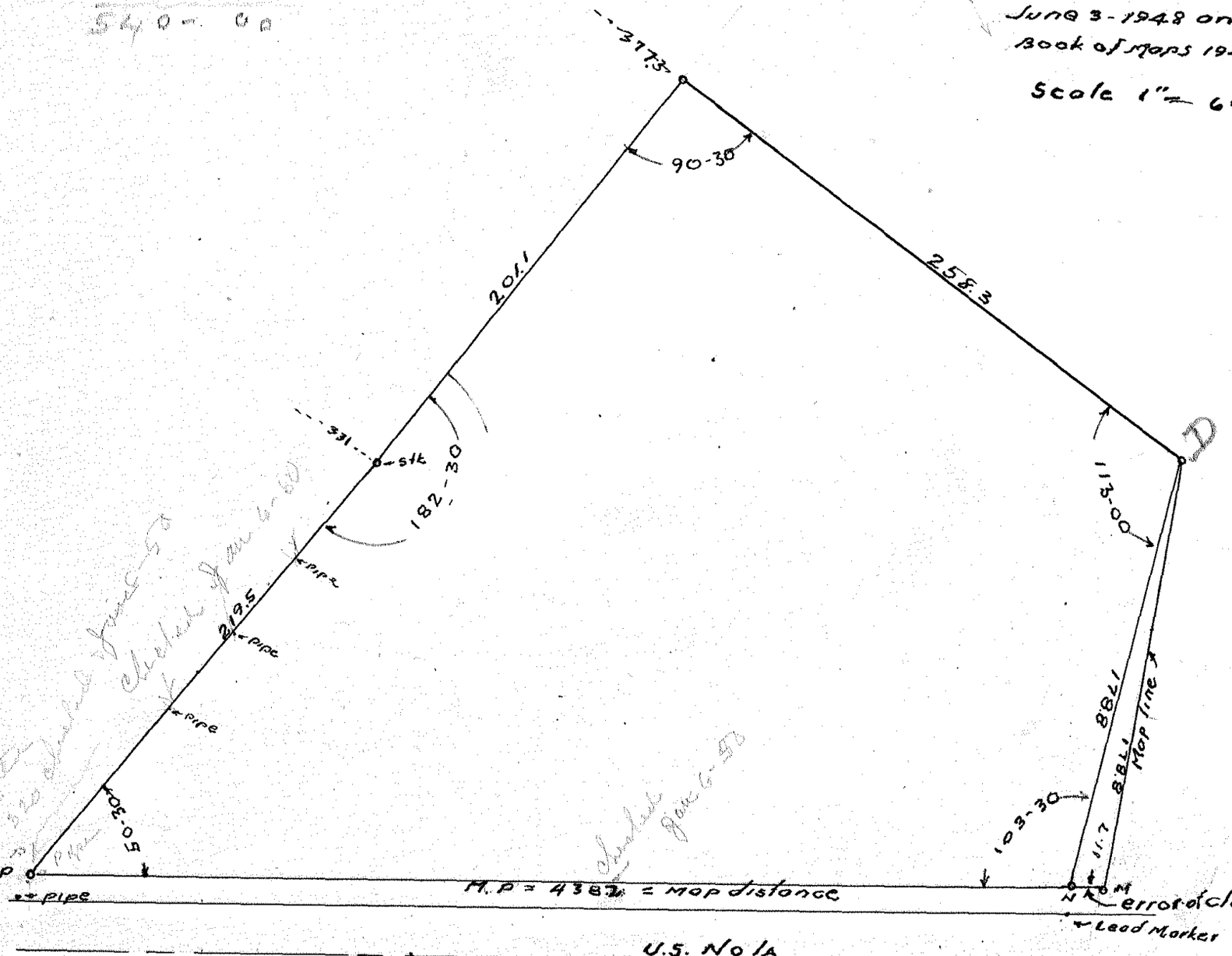
FLOOR PLAN

Copy of Map of G. B. COOPER lot 95 made by E. I. WOOD surveyor June 3 - 1948 and recorded in Book of Maps 1947 page 123

Scale 1" = 60' Dec 31 - 1947

C. L. Mann.

(5)



N

+4.3% Grade

35.6'

R=14'

R=15'

Curb

32.1'

S54°00E

℄ Peace St.

+5.7% Grade

32.1'

117°-31'

37.1'

44.3'

S82°-10'E

℄ Peace St.

+2.4% Grade

Curb

28°-10'

Curb

19.0'

10" Tel. Pole

43.5'

17.7'

R=19'

43.6'

36.5'

Res.

37.4'

+4.6% Grade

℄ N. Dawson St.

32.1'

R=11'

21.0'

38.1'

43.6'

36.5'

Res.

Feb. 27, 1933

Scale: 1"=20'

BLOUNT STREET

HARP. STREET

HALIFAX STREET

WILMINGTON ST

Miss Martha

Mordecai

Mrs M L Little

Church Lot

H I Sleinmets

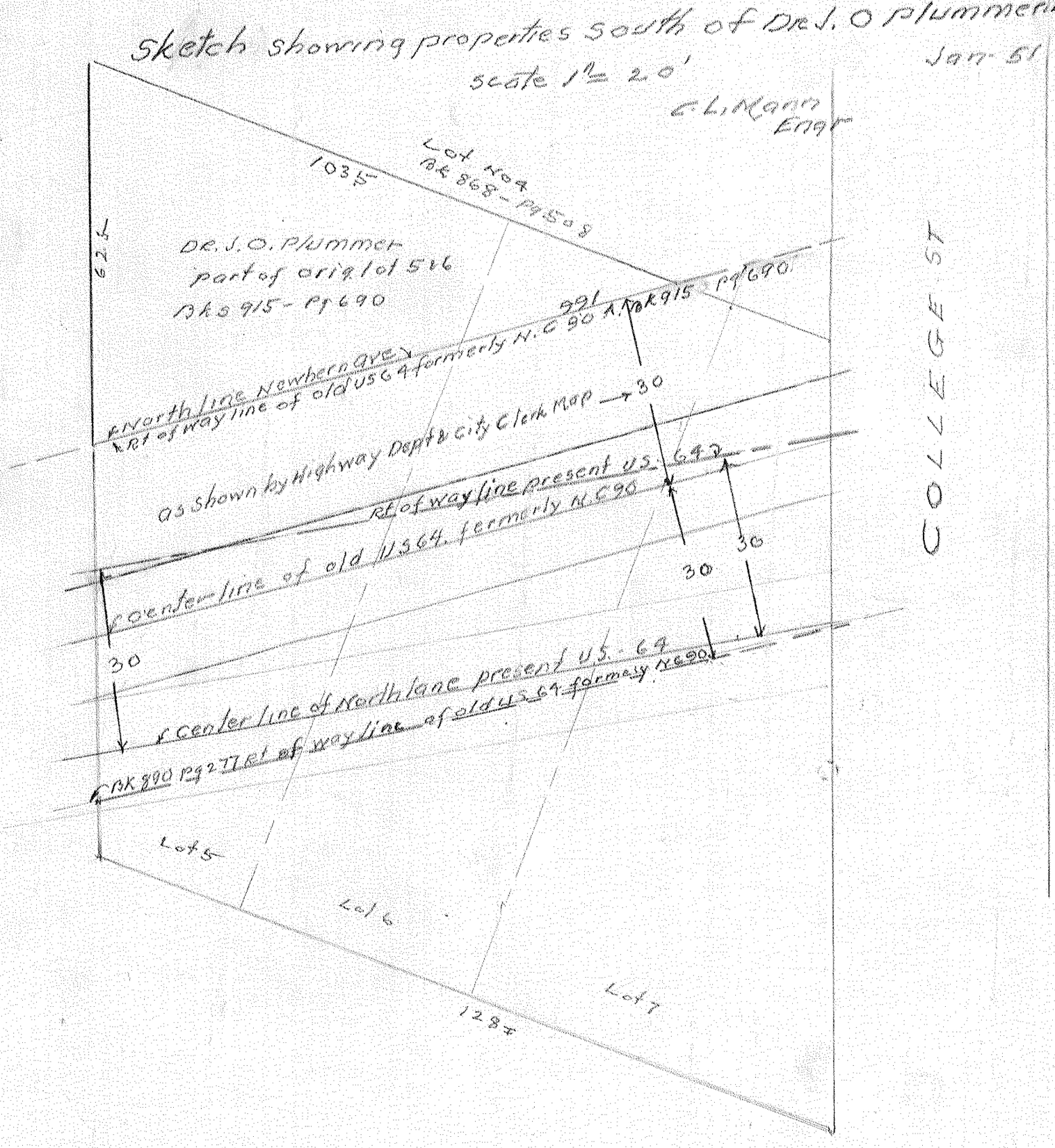
Pilot Cotton Mills

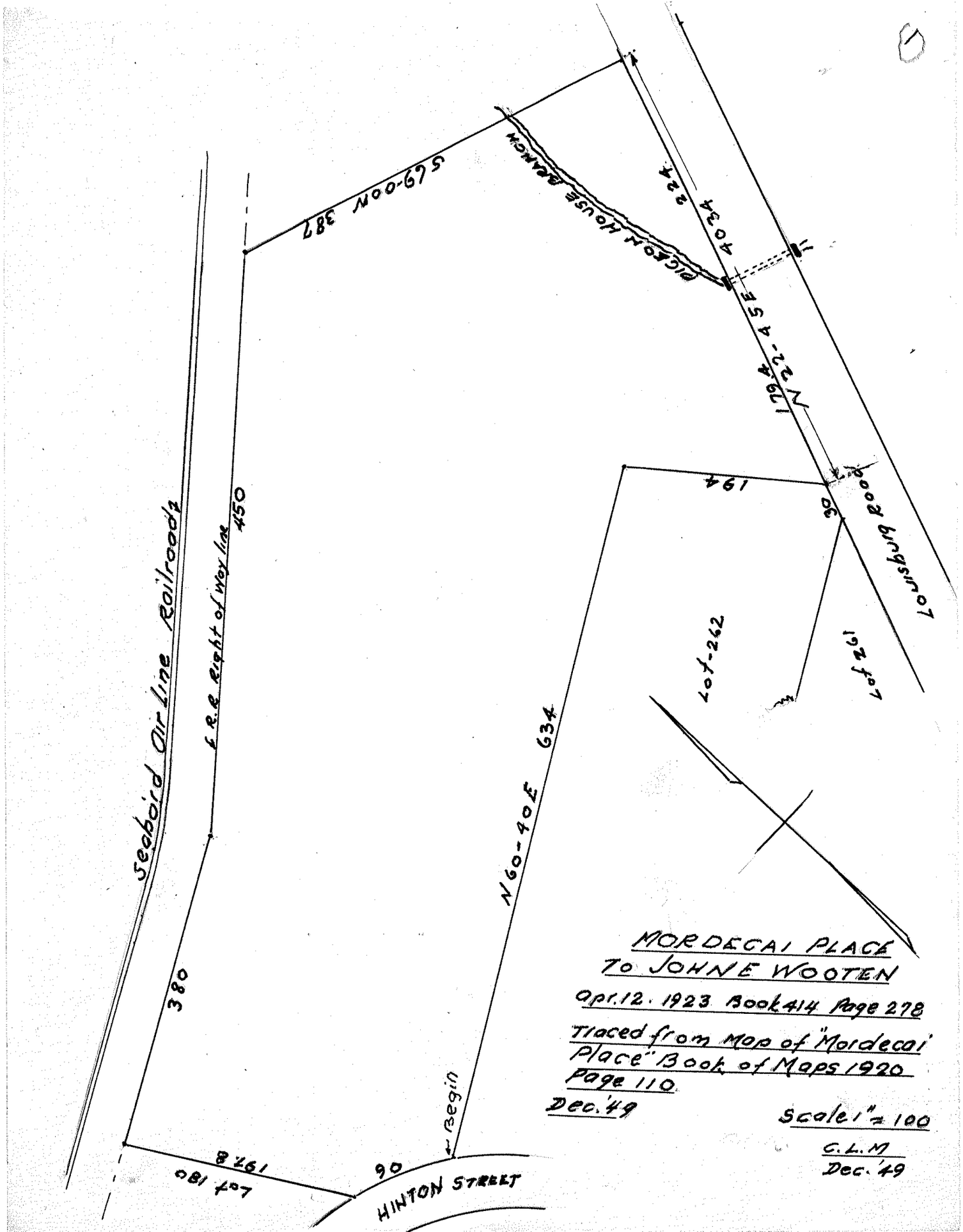
Williamson Purchase

Raleigh and Gaston Ry.

"A"

REAL ESTATE & INS CO
WEST MARTIN STREET
RALEIGH N C


Sketch showing properties south of Dr. J. O. Plummer Lot
scale 1" = 20'
Jan. 51
C. L. Kagan
Engr.
COLLEGE ST.
Lot No 4
Bk 868 - Pg 508
1035'
624'
Dr. J. O. Plummer
part of orig lot 516
Bk 915 - Pg 690
591'
Bk 915 - Pg 690.
r/w north line Newbern Ave
Rt of way line of old US 64 formerly N.C. 90
as shown by Highway Dept & city Clerk map
30
Rt of way line present U.S. 64
30
30
r/w center line of old US 64 formerly N.C. 90
30
r/w center line of North lane present U.S. 64
Bk 890 Pg 277 Rt of way line of old U.S. 64 formerly N.C. 90
Lot 5
Lot 6
Lot 7
128'


S 29-00W 387
Gideon House Branch
224
403
N 22-45E 1794
194
30
Louisburg Road
Seaboard Air Line Railroad
L.R.R. Right of Way line
450
380
N 60-40E 634
Begin
81 61
90
HINTON STREET
Lot 262
Lot 261
Lot 207
MORDECAI PLACE
TO JOHNE WOOTEN
Apr. 12. 1923 Book 414 Page 278
Traced from Map of "Mordecai Place" Book of Maps 1920 Page 110
Dec. '49
Scale 1" = 100
C.L.M.
Dec. '49

From Deed Description

John E Wooten to Jerome Rosenthal

Feb 1 1928 Book 536 Page 557

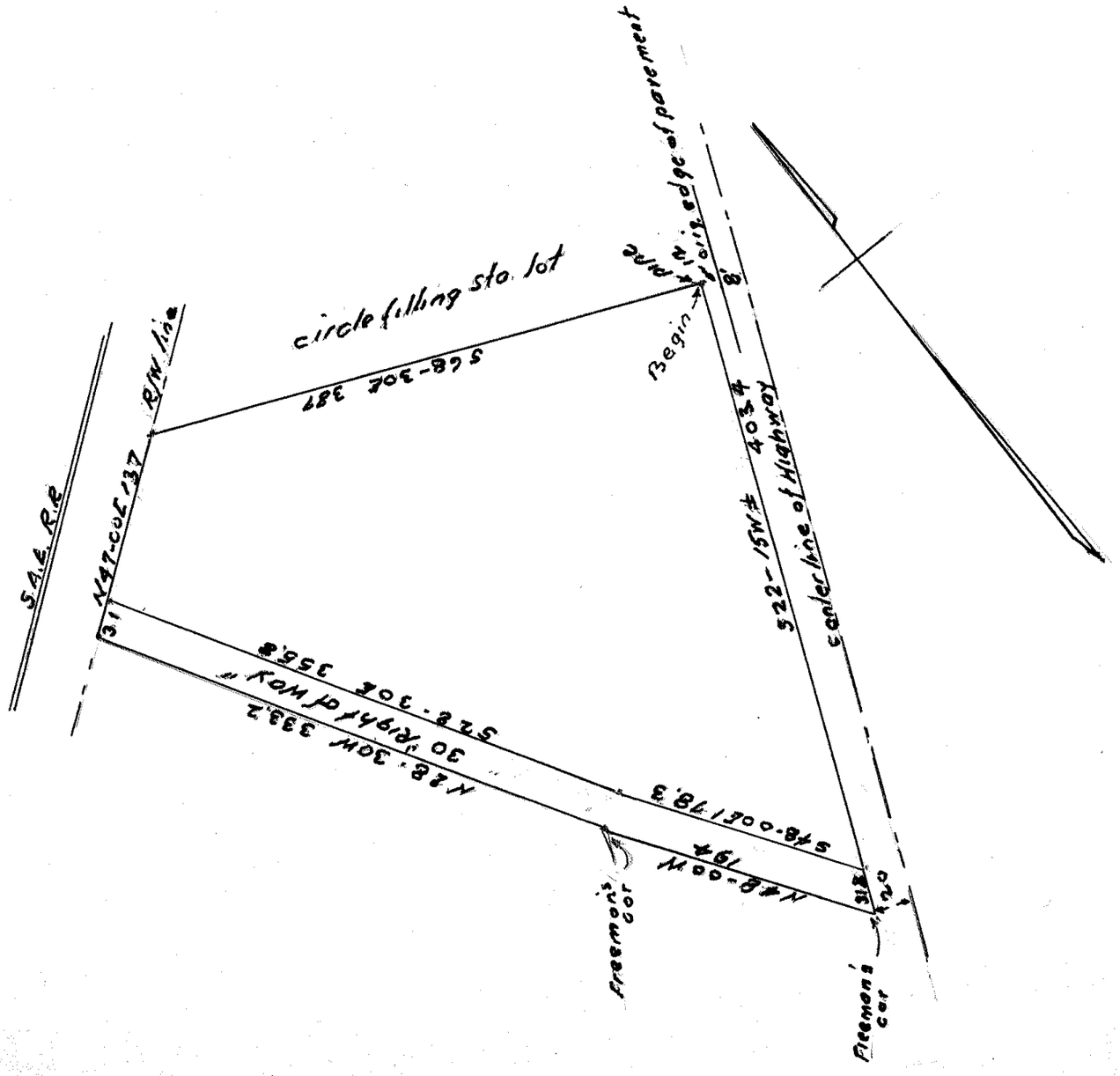
Compare with map "MORDECAI PLACE" sept 1922

Recorded in Bk of Maps 1920 Page 116

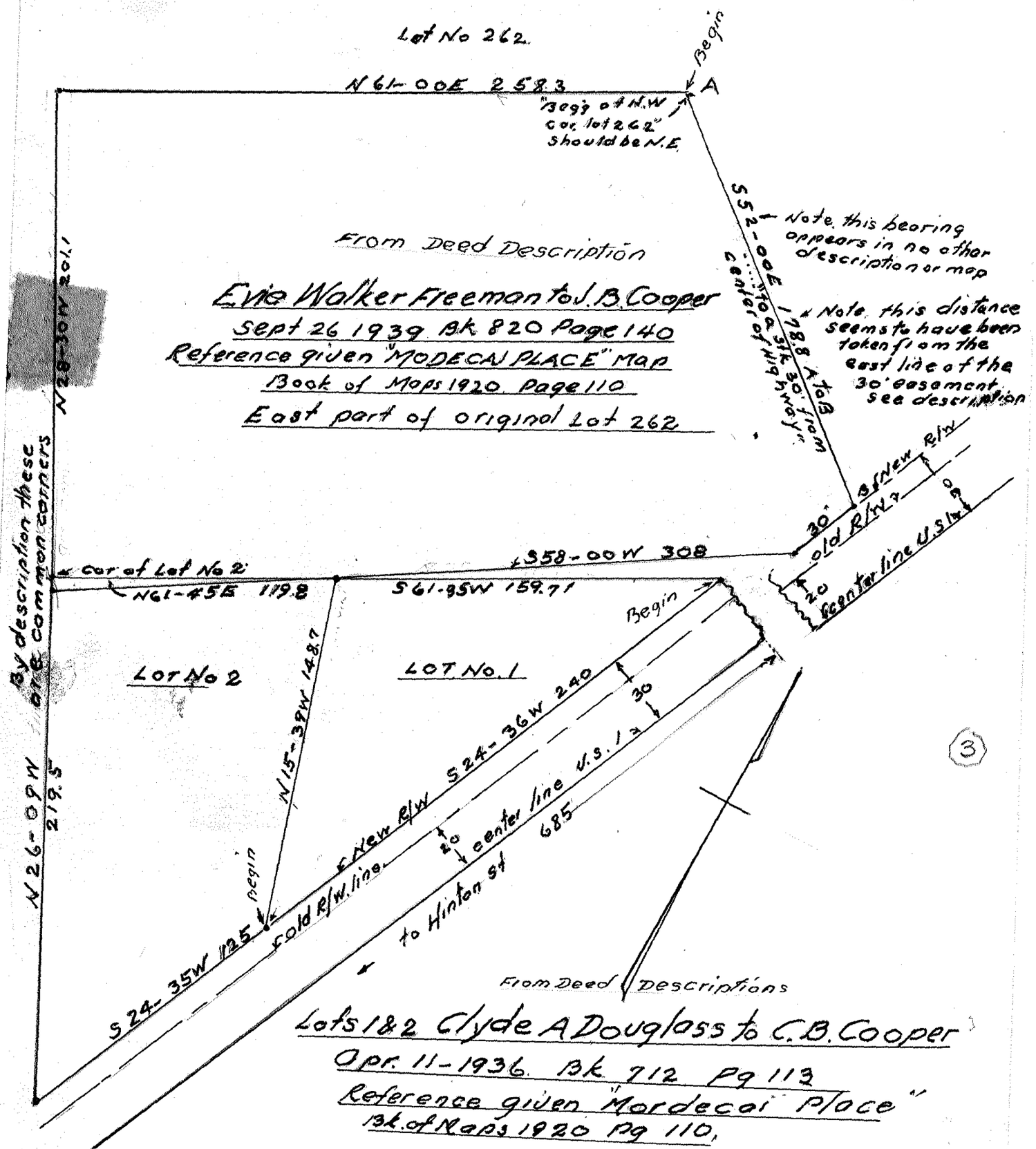
scale 1"=100'

C. L. M.

Dec 1949



(4)


Lot No 262.
N 61-00E 258.3
Begin
A
"Begg of N.W. Cor. lot 262" Should be N.E.
S 52-00E 1288 A to B "to a 5ft 30' from center of Highway"
Note. this bearing appears in no other description or map
Note. this distance seems to have been taken from the east line of the 30' easement see description
From Deed Description
Evie Walker Freeman to J. B. Cooper
Sept 26 1939 Bk 820 Page 140
Reference given "MODECAN PLACE" Map
Book of Maps 1920 Page 110
East part of original Lot 262
N 28-30W 201.1
By description these are common corners
S 58-00W 308
30' S/New R/W
old R/W
20
S center line U.S 1
Cor of Lot No 2
N 61-45E 119.8
S 61-95W 159.71
Begin
LOT No 2
LOT No. 1
N 15-39W 148.7
30
N 26-09W 219.5
S 24-36W 240
S New R/W
20
center line U.S. 1
S 24-35W 125
Begin
Fold R/W line
to Hinton St
685
From Deed Descriptions
Lots 1 & 2 Clyde A Douglass to C. B. Cooper
Opr. 11-1936. Bk 712 Pg 113
Reference given "Mordecai Place"
Bk. of Maps 1920 Pg 110.
C. L. M.
Dec. 1949.
Scale 1"=50'

(3)

FIELD PLAN

LEGEND

- Survey Lines Found and Re-Spotted ——————
- Survey Post Found ——·—o—·—o—·——
- Berth Lines Projected ——·—·—·—·—·—
- Section Lines Projected – – – – – – –
- I.P. = Iron Post
- W.P. = Wood Post
- S.M. = Stone Mound
- M&P = Mound & Pits
- T.B. = Timber Berth
- B.Ts = Bearing Trees

HARRISON LAKE

GOVERNMENT LAND

CASCADE BAY

ECHO ISLAND

HICKS LAKE Elev 660

Goose Lake Elev 730

T.P.6 R29 / T.P.5 R29

T.P.6 R28 W 6th Mer. / T.P.5 R28

T.P.5 R28 / T.P.4 R28

CANADIAN PACIFIC RAILWAY

Harrisons Hot Springs

Nov. 19 1924

Gardiner & Baxter
Logging & Forest Engineers
Vancouver BC

Retraced 12/15/27 C.M.L.

STATE COLLEGE LAND

College Sewer

Rocky Branch

proposed connection

State College property line

20' DIRT ROAD TO College Campus

Hwy 1 & 15

2545'

S86-10E 236

N13-45E 110.4

254.5'

46.9

180.5

315.9

118

S7-30E 219.7

50±

20Ft ALLEY

70'

90

CATHOLIC ORPHANAGE

WESTERN BOULEVARD

center line

50 Ft. STREET

50 Ft. STREET Extension

20Ft. ALLEY

100'

120'

To City

Present 20 ft road

| | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTH CAROLINA
RALEIGH QUADRANGLE
15-MINUTE SERIES

Topography by Roscoe Reeves, C. H. Drown, B. T. Hopkins, J. W. Pumpelly, and J. M. Jones
Surveyed in 1938-1940
Gray tint indicates areas in which only landmark buildings are shown

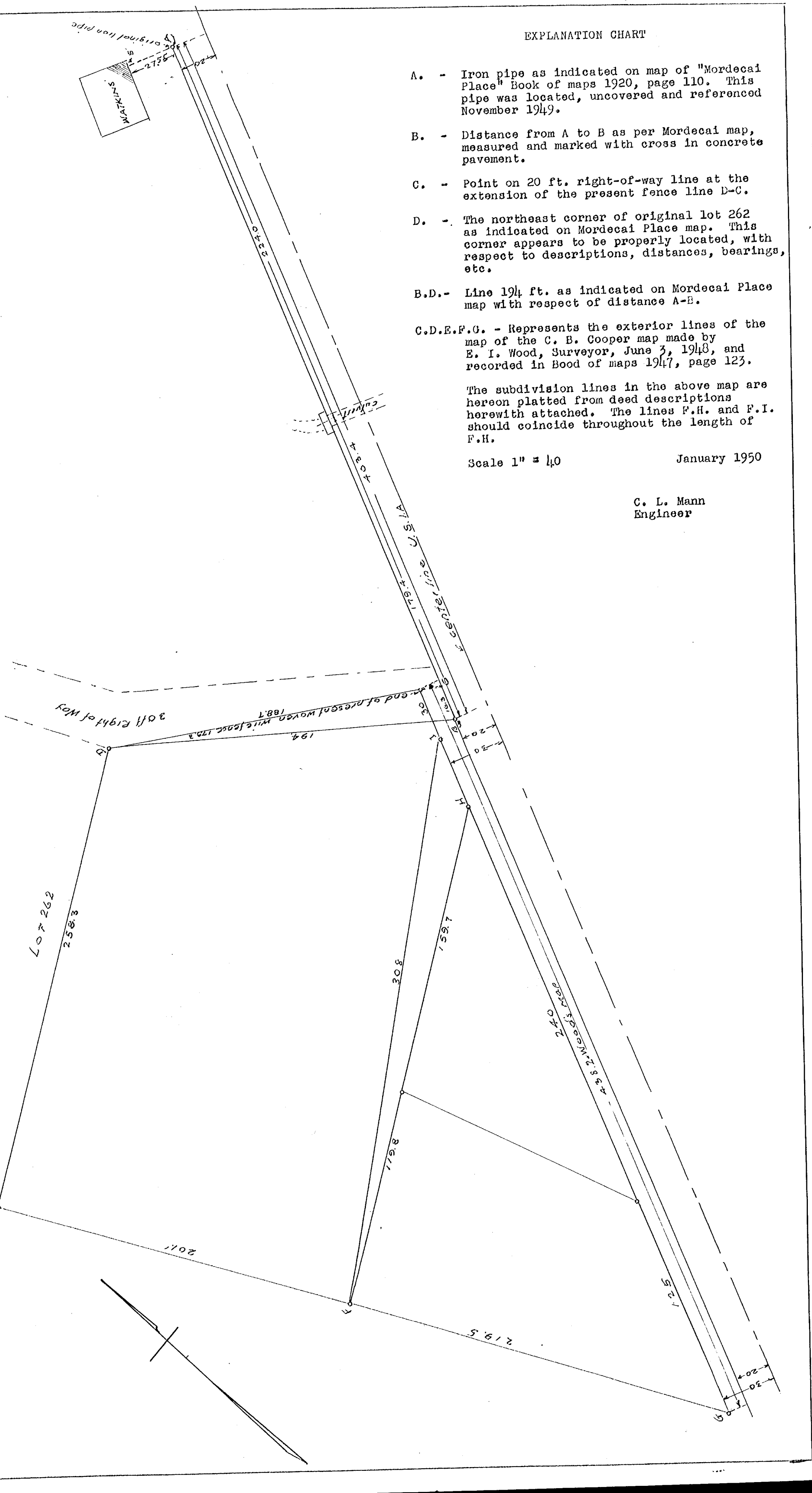
Polyconic projection. 1927 North American datum
5000 yard grid based on U. S. zone system, B
10000 foot grid based on North Carolina rectangular coordinate system

Scale 1/62500
1 Mile
1000 500 0 1000 2000 3000 4000 5000 6000 7000 Yards
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet
1 Kilometer

APPROXIMATE MEAN DECLINATION, 1940
MAGNETIC NORTH
TRUE NORTH

Contour interval 20 feet
Datum is mean sea level

RALEIGH, N. C.
N3545—W7830/15
Edition of 1943



EXPLANATION CHART

A. - Iron pipe as indicated on map of "Mordecai Place" Book of maps 1920, page 110. This pipe was located, uncovered and referenced November 1949.

B. - Distance from A to B as per Mordecai map, measured and marked with cross in concrete pavement.

C. - Point on 20 ft. right-of-way line at the extension of the present fence line D-C.

D. - The northeast corner of original lot 262 as indicated on Mordecai Place map. This corner appears to be properly located, with respect to descriptions, distances, bearings, etc.

B.D.- Line 194 ft. as indicated on Mordecai Place map with respect of distance A-B.

C.D.E.F.G. - Represents the exterior lines of the map of the C. B. Cooper map made by E. I. Wood, Surveyor, June 3, 1948, and recorded in Bood of maps 1947, page 123.

The subdivision lines in the above map are hereon platted from deed descriptions herewith attached. The lines F.H. and F.I. should coincide throughout the length of F.H.

Scale 1" = 40 January 1950

C. L. Mann
Engineer

N

S 85° E 769.8

1001.7

S 85° E 2117.7

1176

(N 65°-55' W) (1740)

(1555)

(1380)

N 2°-15' E 2631

(500)

(90°) (470)

S 18°-15' E 1605

(N 83° E)

(520)

(550)

S 27°-30' E 565

(570)

N 150°-45' W

(790)

(S 25° E)

S 81°-20' E 1188

Bridge

Culvert

Distance

N 65°-15' E 1328

N 35-30 E 94'

ROAD

Ext. Old Avent's Ferry Road N 80°-15' E 1595

NEW

1320

N 48°-15' E

S 2°-15' W 1445

N 81°-15' E 147

N 61°-45' E 1320.5

N 38°-30' E 1320

(N 38°-30' W)

(N 48° W)

(1180)

S 87°-15' E 310

N 59° W 131

N 5° W 108.5

N 41°-10' E 85.6

N 7° E 141.5

Branch

N 45°-30' E

N 2°-45' E 121.3

N 30°-20' W

Branch

N 50°-05' W

S 89°-00' W 214

Bridge

NEW ROAD

N 13°-30' W 136

N 64°-35' W 106

Walnut Creek

1980

N 86°-45' W

160'

(N 38°-30' W) (RAD)

Stone

N 87°-30' W 354.4

Stone

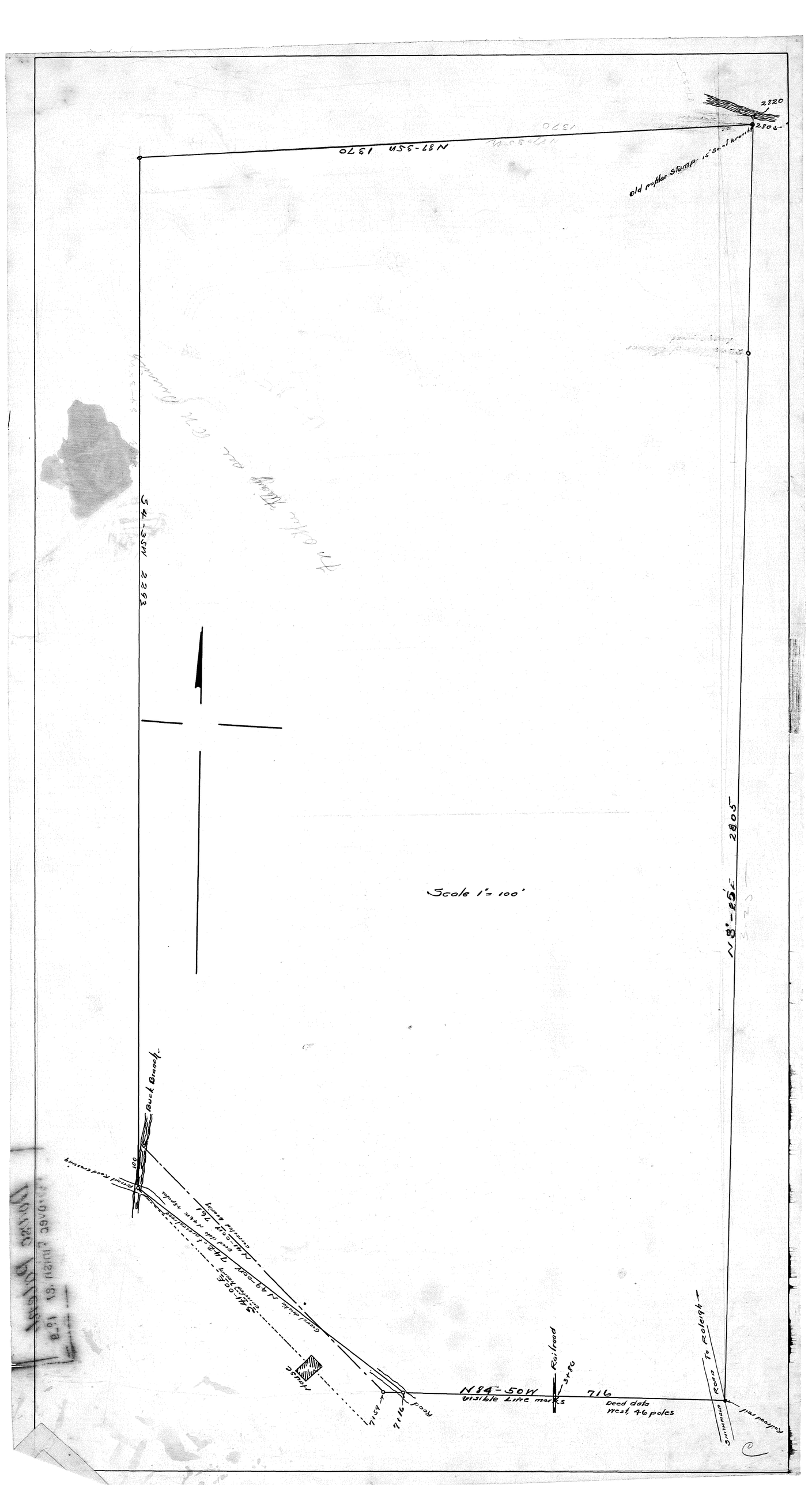
S 2°-30' W 681

Stone

(S 30° E) (950)

S 14°-30' E (900)

Scale 1" = 200'


2820
2805
N87-35W 1370
old poplar Stump: 1.5' S. of branch
S4-35W 2293
N8-85E 2805
Scale 1" = 100'
Buck Branch
Fenced Road Crossing
100
Center line fence
N49-00E 748.2 to Iron Stake
Corner fence
N44-50W 716.4m stake
Central Electric
Cement Post
Rail road
3+80
N84-50W
visible Line marks
716
Deed data
nest, 46 poles
Road
716
Rail road
To Raleigh
Swimming Pool
Corner of
Fence

N 3-25E 2805

N87-35W 1370

S4-35W 2293

Mitchell 84.0 A.

N4-50E 1806

R.R.

Railroad Iron

N19-50E 210

S88-05E 390

N7E

Yellowhouse 384

S49-00E 742

Pile

624

Buck Branch

S88-05E 355

Poor Pile

Shed 32 x 11

926

N44-15E 440

F.E.Thr. Line

N84-50W 4690

McCullers 252 A.

Perkinson or

S85-05E 3570

N4-00E 1084

S86-30E 1321

S13-10W 3186

Scale. 1" = 100'

PROPOSED PARK SUBDIVISION

Indicate proposed changes
and return to
C. L. Maner

Saunders

Cannon St

Road to Asylum

Farmcrafte

Road

2.1 acres

3.9 acres

6.5 acres

Rock Branch

5.4 acres

7.7 acres

6.1 acres

4.0 acres

4.4 acres

Gas House Branch

Polk St

Manly St

Hati St

Street 30'

Street 30'

Street 30'

Street 30'

Mill Place

W. L. Holleman

Fayetteville Road

City Limit Line

Cemetery

Drive along lower edge of knoll

Proposed Entrance

State property

Negro Cemetery Cor

NEGRO CEMETERY

NEGRO CEMETERY

(4)

N 3-28E 2805

Koilfoodlean

N4-50E 180

N4-50E 210

N82-45W 1370

Mitchell 84.0 A.

716

S42-00E 722

Yaloney 38.4

624

S4-35W 2293

S45-00W 345

Duck Branch ditch

S50-00E 350

N4-15E 446

N 44-50W

Ferris Inc.

Perkinson or McCollers 252.8 A.

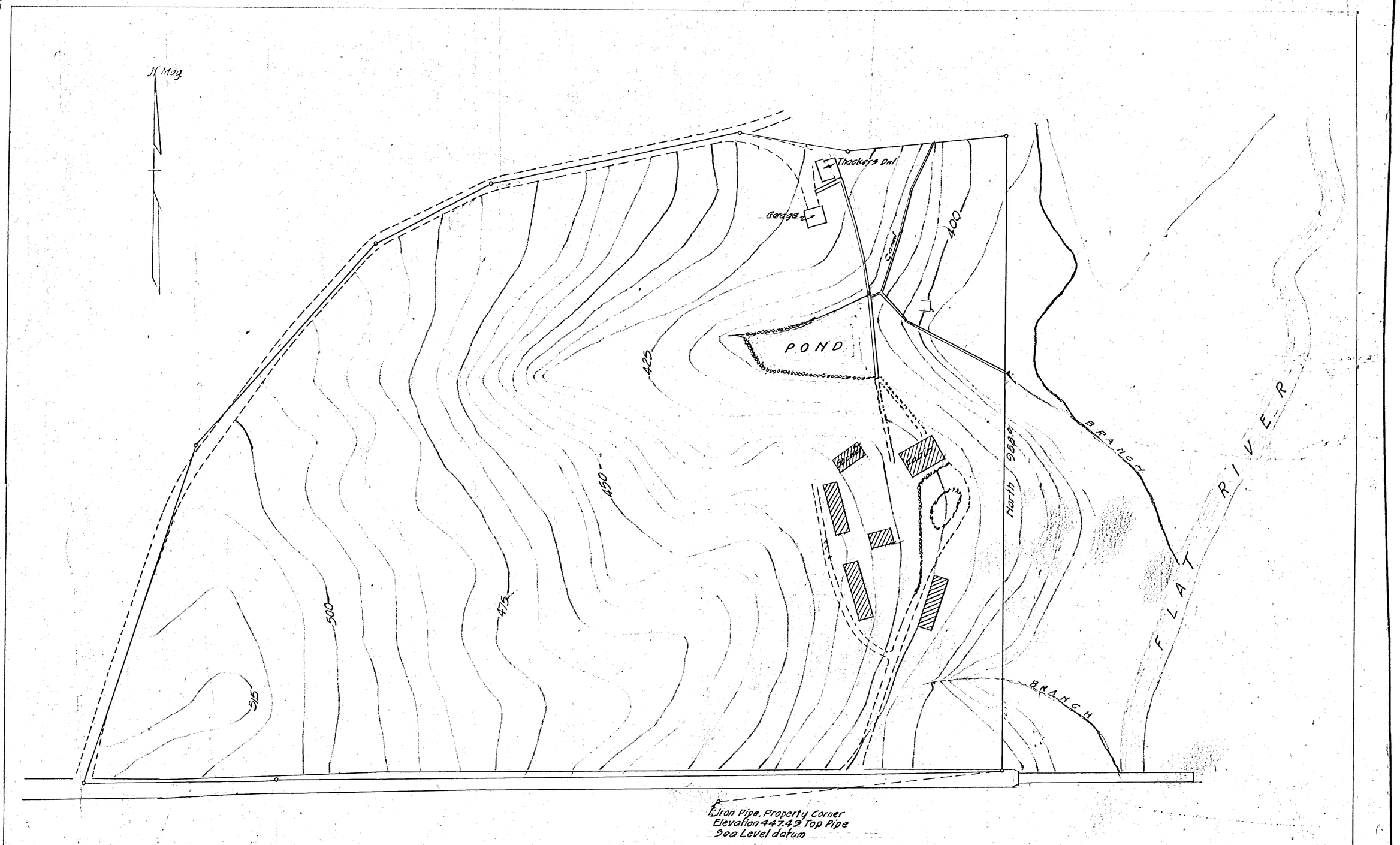
3570

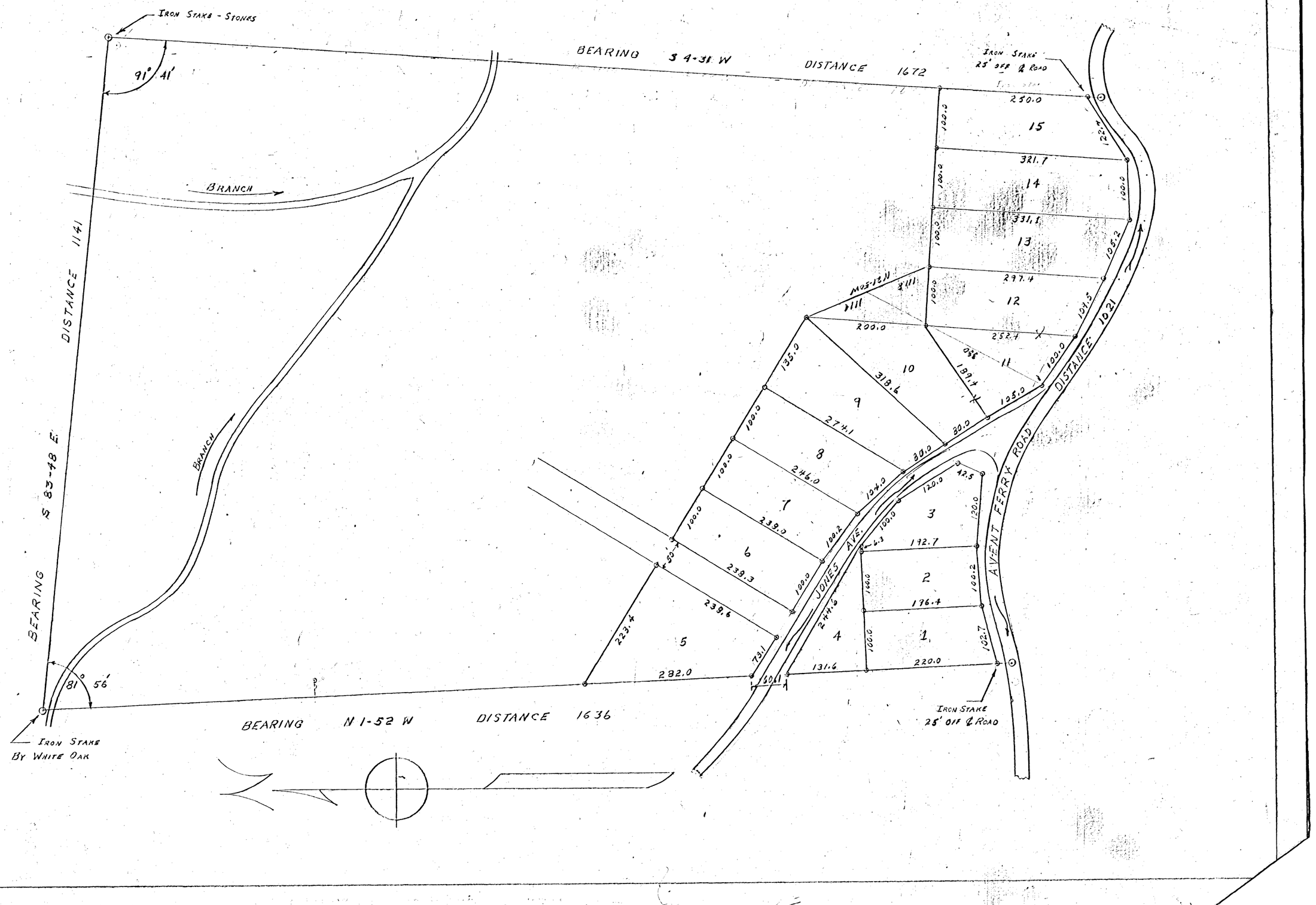
N4-00E 1084

S86-30E 1321

S13-10W 3186

Lee Town


N Mag
Thacker's Ond.
Garage
Sand
400
POND
425
450
475
500
515
North
BRANCH
FLAT RIVER
BRANCH
Iron Pipe, Property Corner
Elevation 447.43 Top Pipe
Sea Level datum


IRON STAKE - STONES
BEARING S 4-31 W
DISTANCE 1672
IRON STAKE 25' OFF R ROAD
91° 41'
DISTANCE 1141
BRANCH
BRANCH
BEARING S 83-48 E
81° 56'
BEARING N 1-52 W
DISTANCE 1636
IRON STAKE BY WHITE OAK
IRON STAKE 25' OFF ℄ ROAD
AVENT FERRY ROAD
JONES AVE.
DISTANCE 1021
250.0
321.1
331.1
297.4
200.0
252.4
135.0
318.6
274.1
246.0
239.3
239.3
223.4
239.6
282.0
73.1
50.1
131.6
220.0
189.4
135.0
100.0
122.4
105.2
197.5
100.0
100.0
100.0

IRON STAKE - STONES

91° 41'

BRANCH

DISTANCE 1141

BEARING N 83-52 W

BRANCH

BEARING S 4-38 W DISTANCE 1672

IRON STAKE 25' OFF ℄ ROAD

90° 250 from

15

321.45

14

331.10

13

297.48

12

90° 258.40

11

10

9

8

7

6

5

4

3

2

1

116° 00' ±

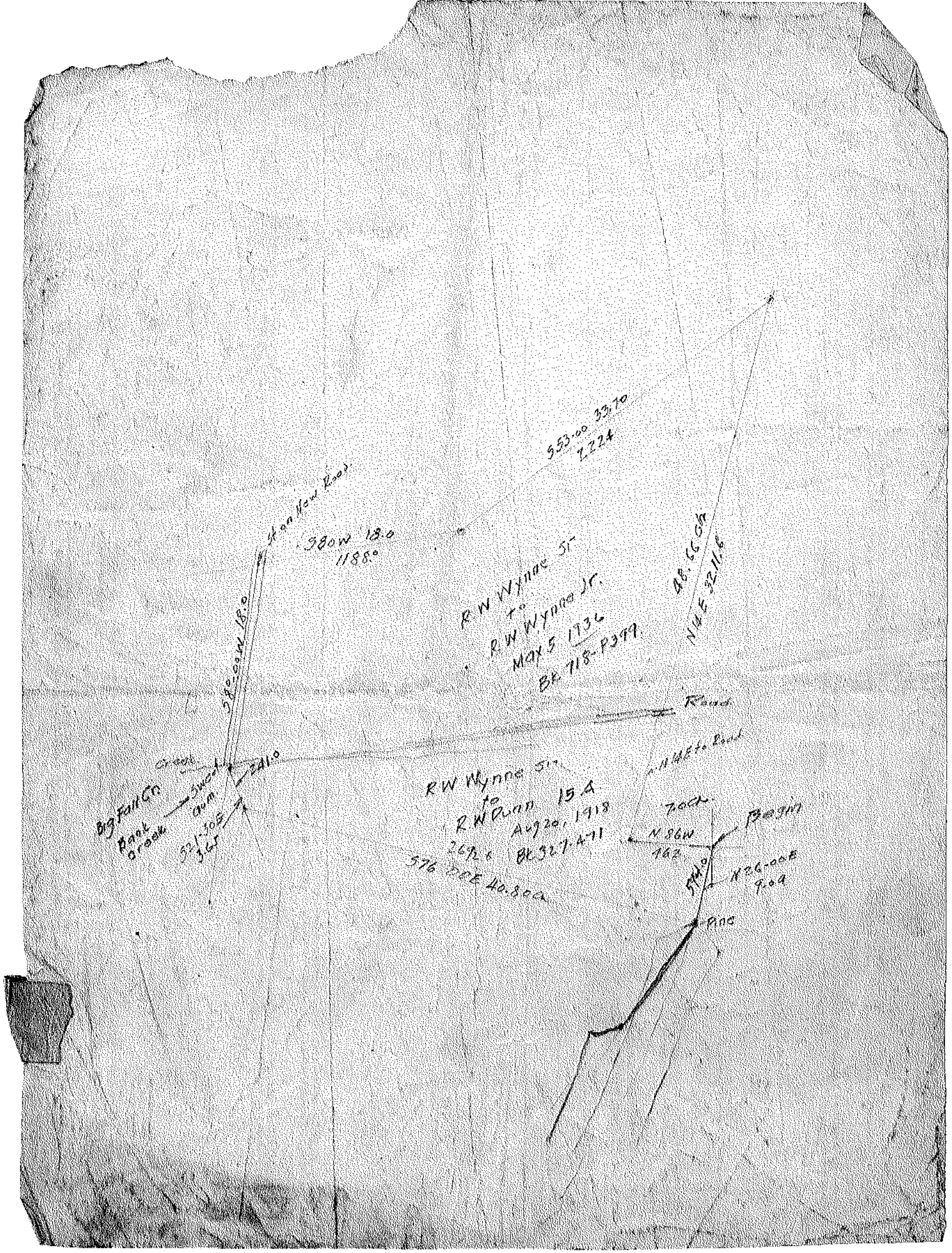
200'

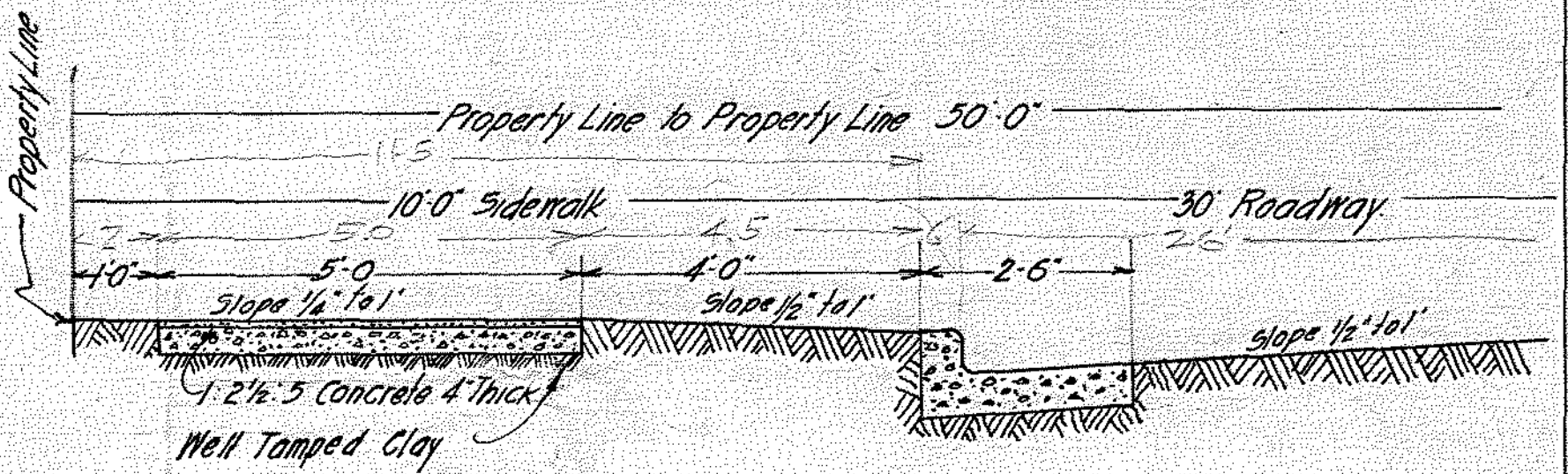
135

100

100

100

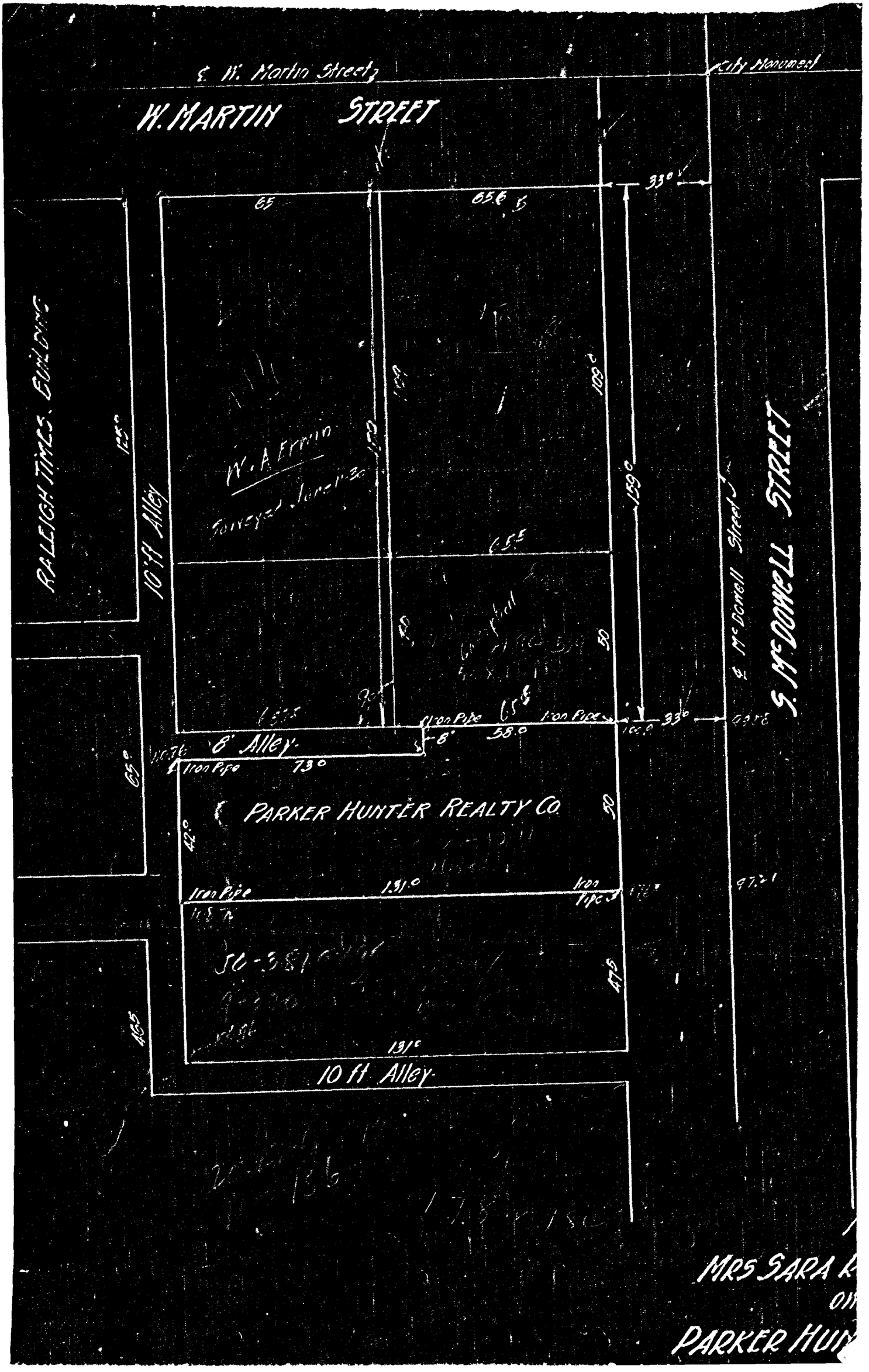

S53°00 33.70
1224
S 80° W 18.0
1188.0
R W Wynne Jr.
to
R W Wynne Jr.
May 5 1936
Bk 718-P379
N 86 E 32.11.6
Road
Big Fall Cr.
Bank
Creek
Swamp
Gum
S21°30E
36.0
S 80° W 18.0
2410
R W Wynne Jr.
to
R W Dunn 15 A
Aug 20, 1918
Bk 327-A-11
576 POE 40.80 ac
N.W. Ext. Road
Rock
N 86 W
19.9
Ext. Road
9.09
Pine

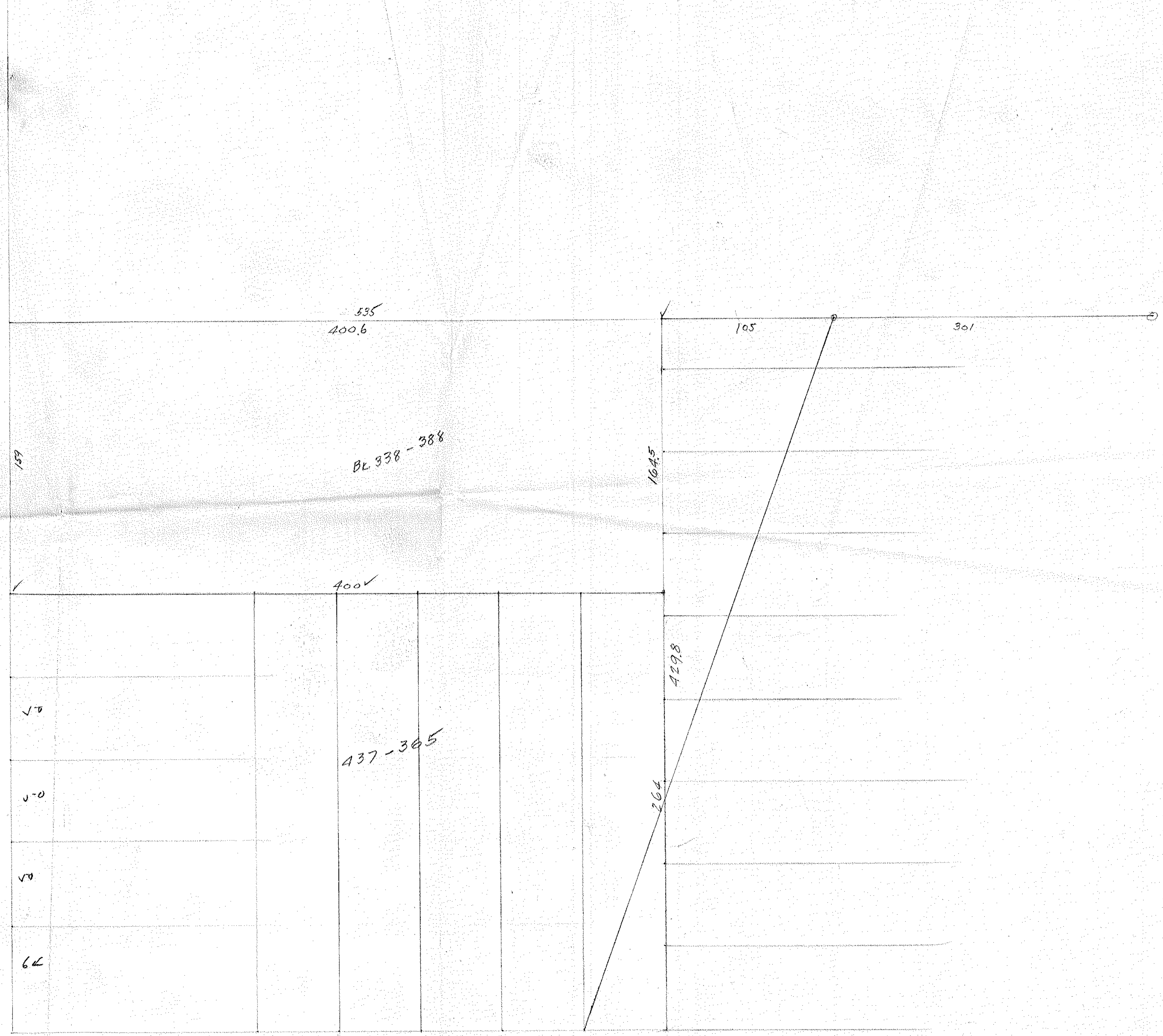


TYPICAL STREET SECTION

Scale 1/2" = 1'

Kenmoor


E. W. Martin Street
City Monument
W. MARTIN STREET
65
65.6
33.0'
RALEIGH TIMES BUILDING
125'
10 ft Alley
W. A. Ervin
Surveyed June 13
100'
159.0
65.5
E. McDOWELL STREET
E. McDowell Street
Iron Pipe
65.5
33.0
100.0
6' Alley
58.0
73.0
PARKER HUNTER REALTY CO.
42.0
191.0
97.2
10 ft Alley



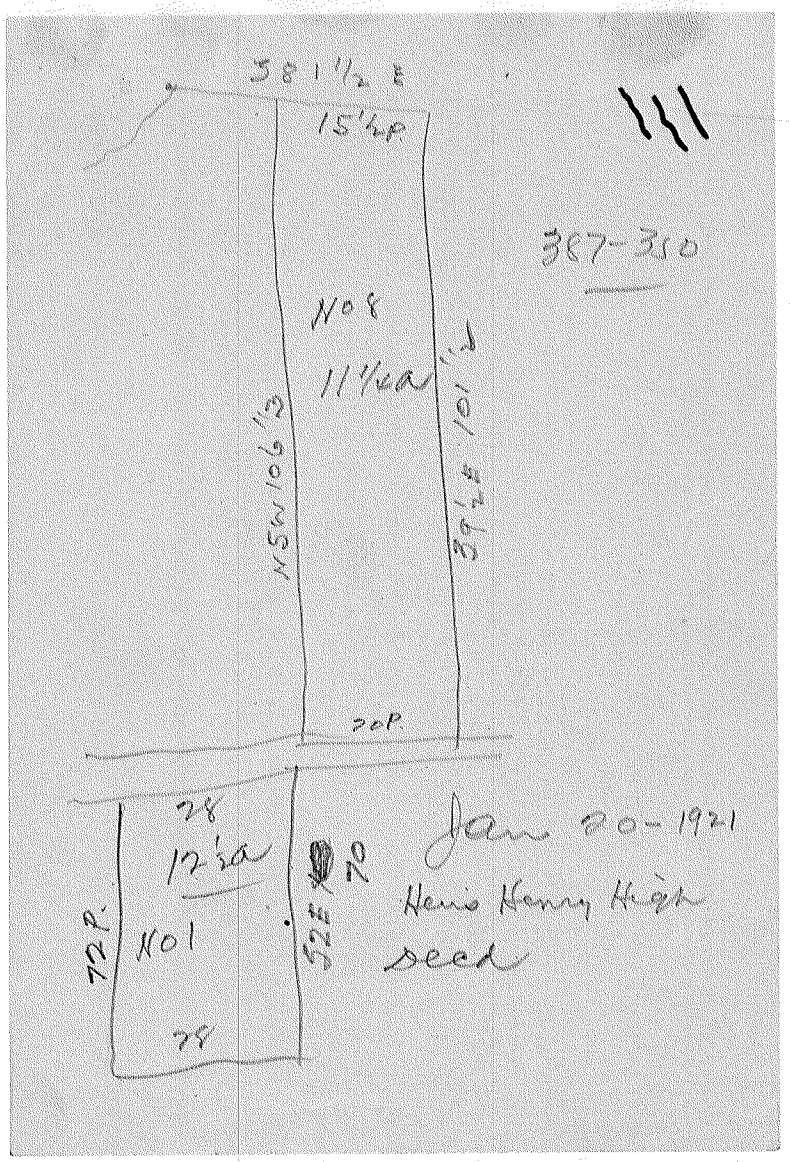
535
400.6
159
BL 338 - 388
400
105
301
164.5
429.8
264
437 - 365

ORIGINAL MAP
OF POOR QUALITY

ORIGINAL MAP
OF POOR QUALITY

ORIGINAL MAP
OF POOR QUALITY

ORIGINAL MAP
OF POOR QUALITY



111

387-350

Jan 20-1921
Hans Henry High
Deed

A. D. Draughn
889-307
Lot 201 - 11 3/4 acres.
Lot 208 11 1/4 acres.
Division Land
Henry High
Book 6 page 96
Partition -

N 5 - W 106 1/2
S 81 1/2 E 15 1/2
S 9 - 1/2 E 101 1/2
585 W 90 P. Survey

327 - 141
387-350

Jan 1921

S 2 E 16 P. - 264 ✓

S 88 W 8 P. - 132 ✓

S 2 E 10 P. 165 ✓

N 88 W 8 P. 132 ✓

S 2 E 44 P. 726 ✓

S 88 W 28 P. 462 ✓

N 2 W 72 P. 1188 ✓

N 83 E 28 P. 462 ✓

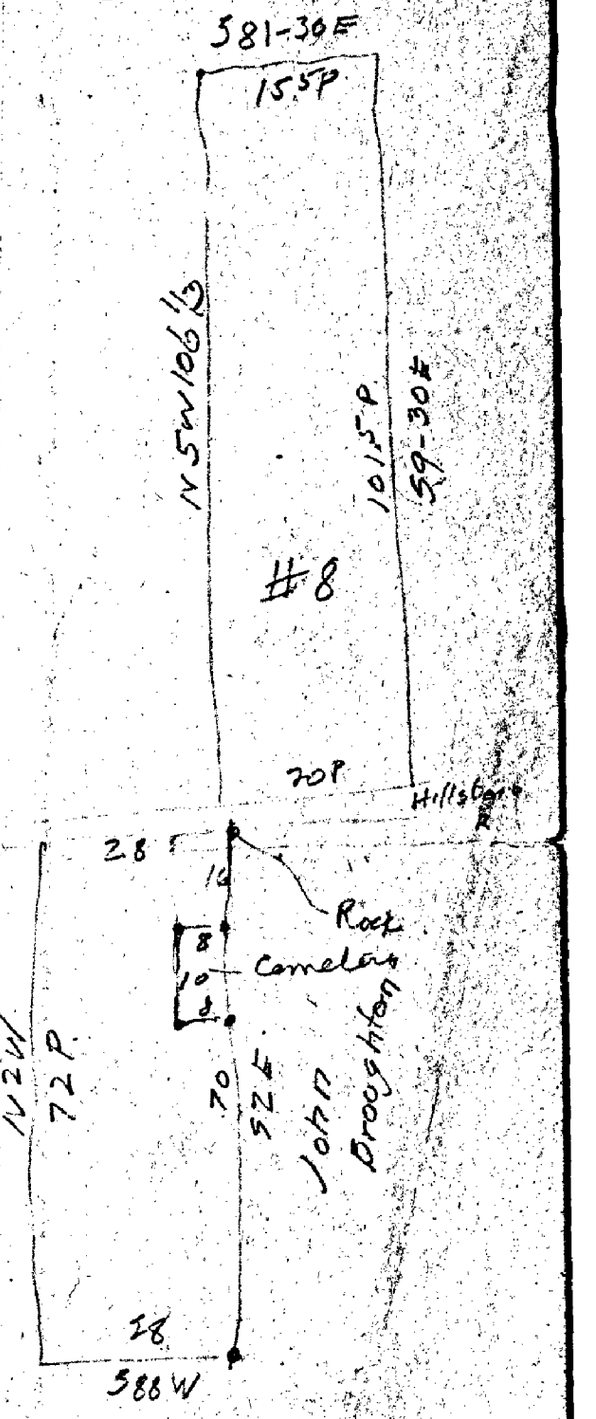
N 5 W 106 1/3 - 1752.9

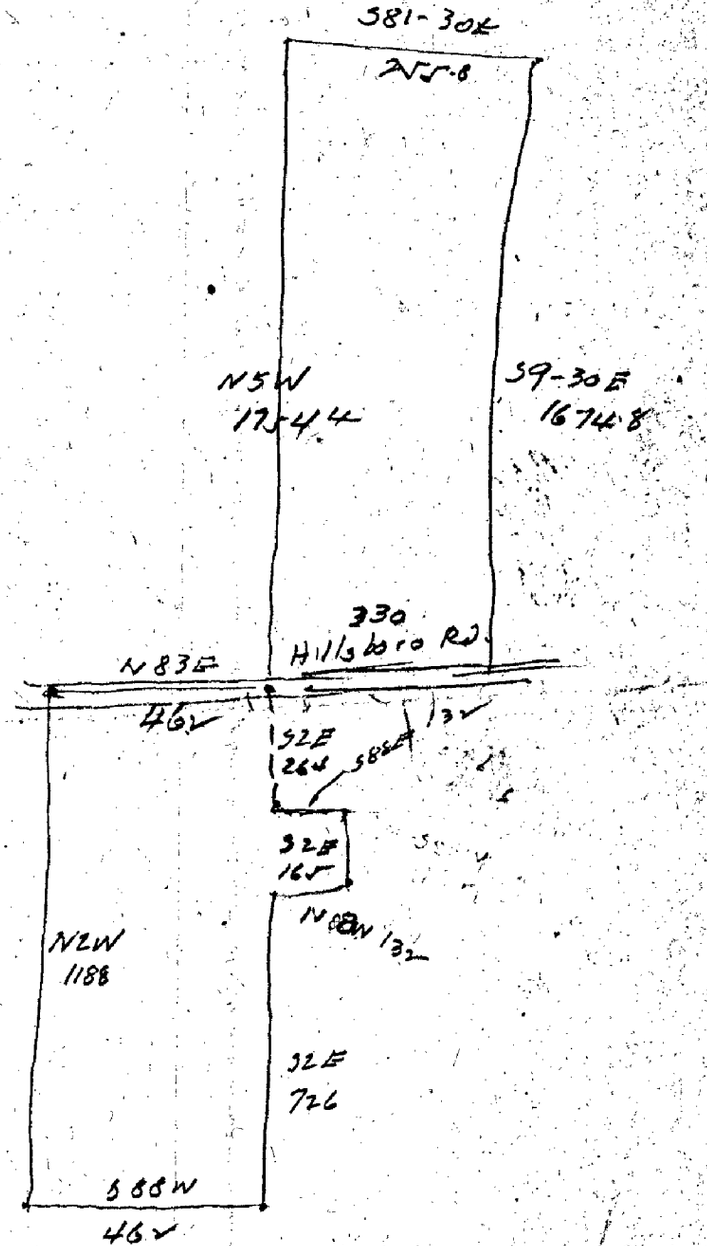
S 81 1/2 E 15 1/2 - 255.8 ✓

S 9 1/2 E 101 1/2 1674.8 ✓

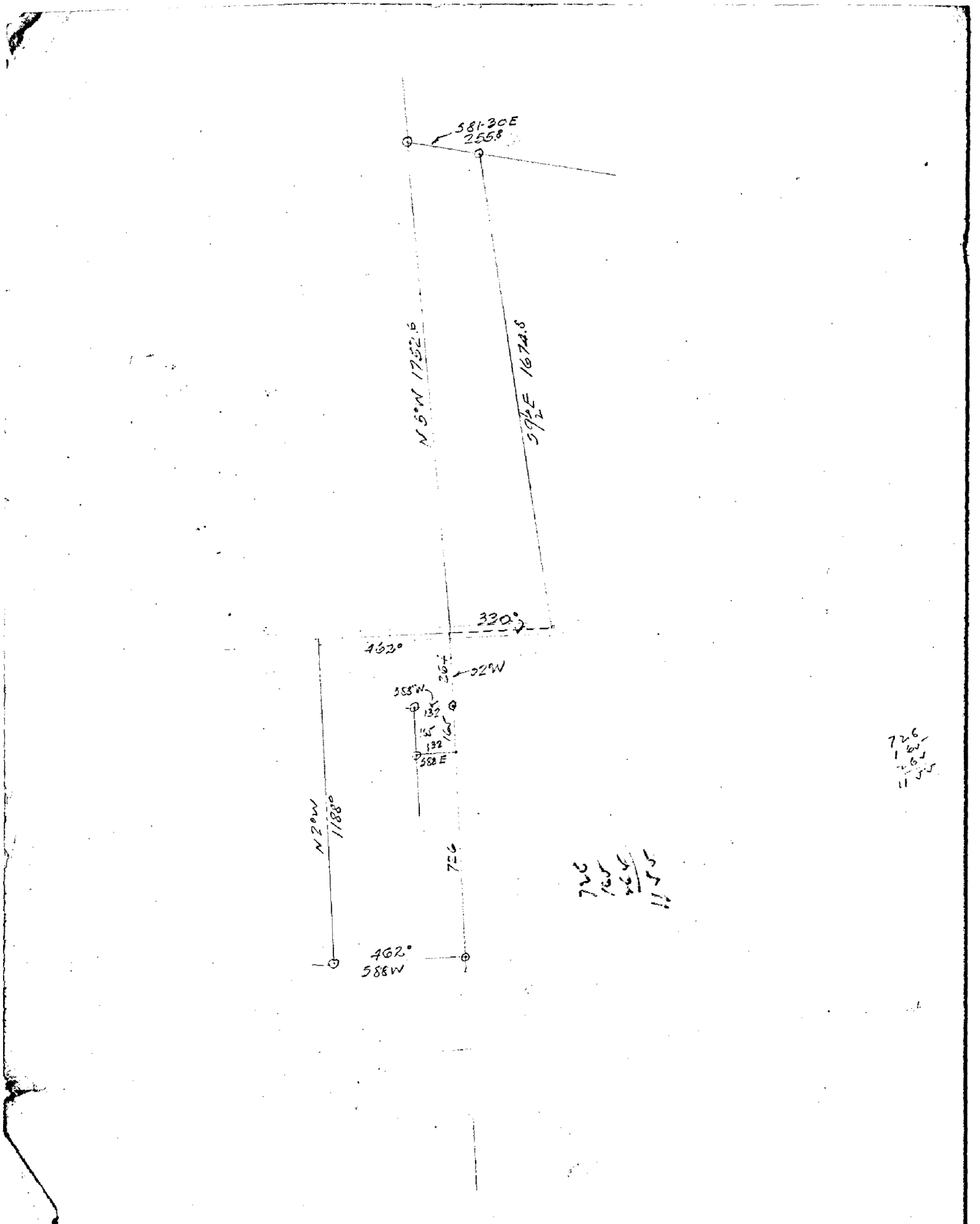
S 85 W 20 P. 330 ✓

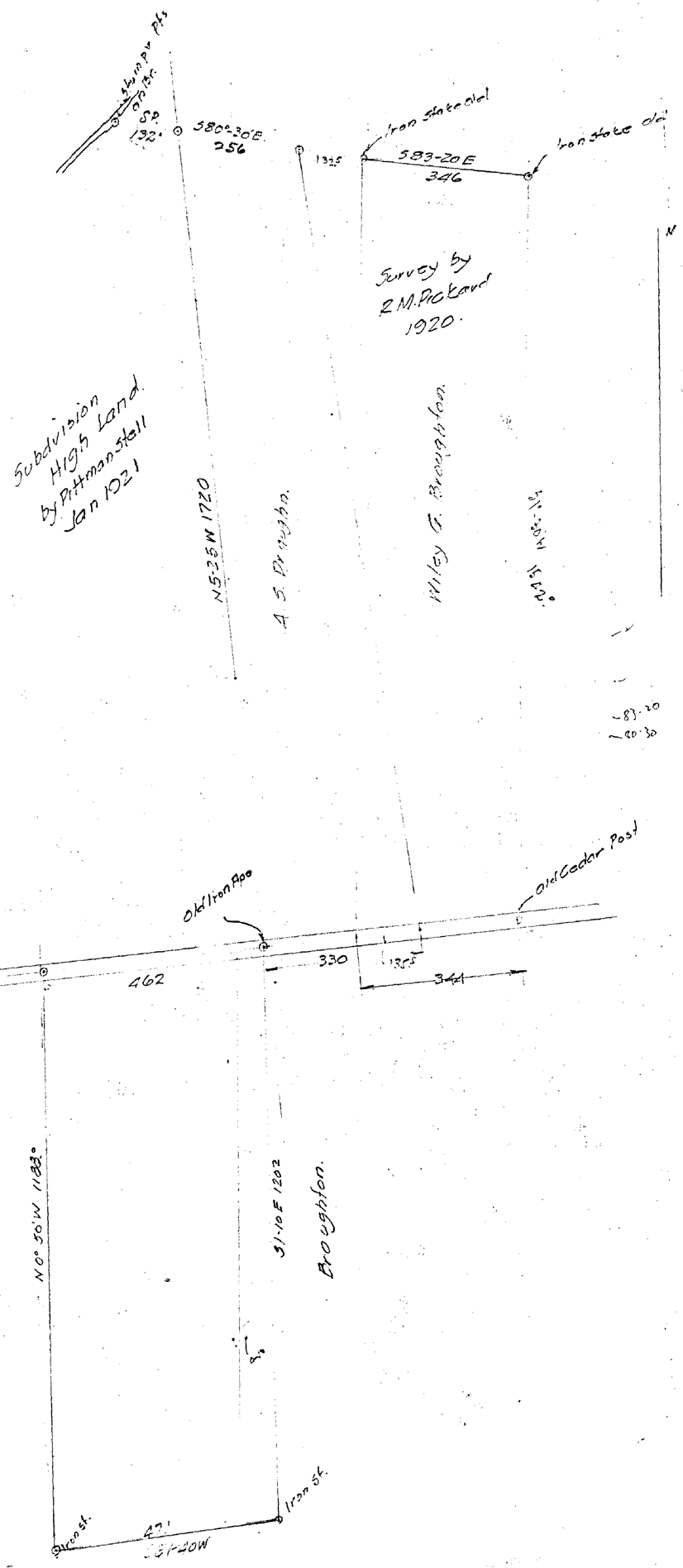
99 E




381-30E
N5W
17-4E
S9-30E
167.8
330
Hillsboro Rd.
N83E
46
13
S2E
26
S88E
32E
16
N88W
13
N2W
118.8
S2E
72.6
S88W
46

72.6
16
26
115

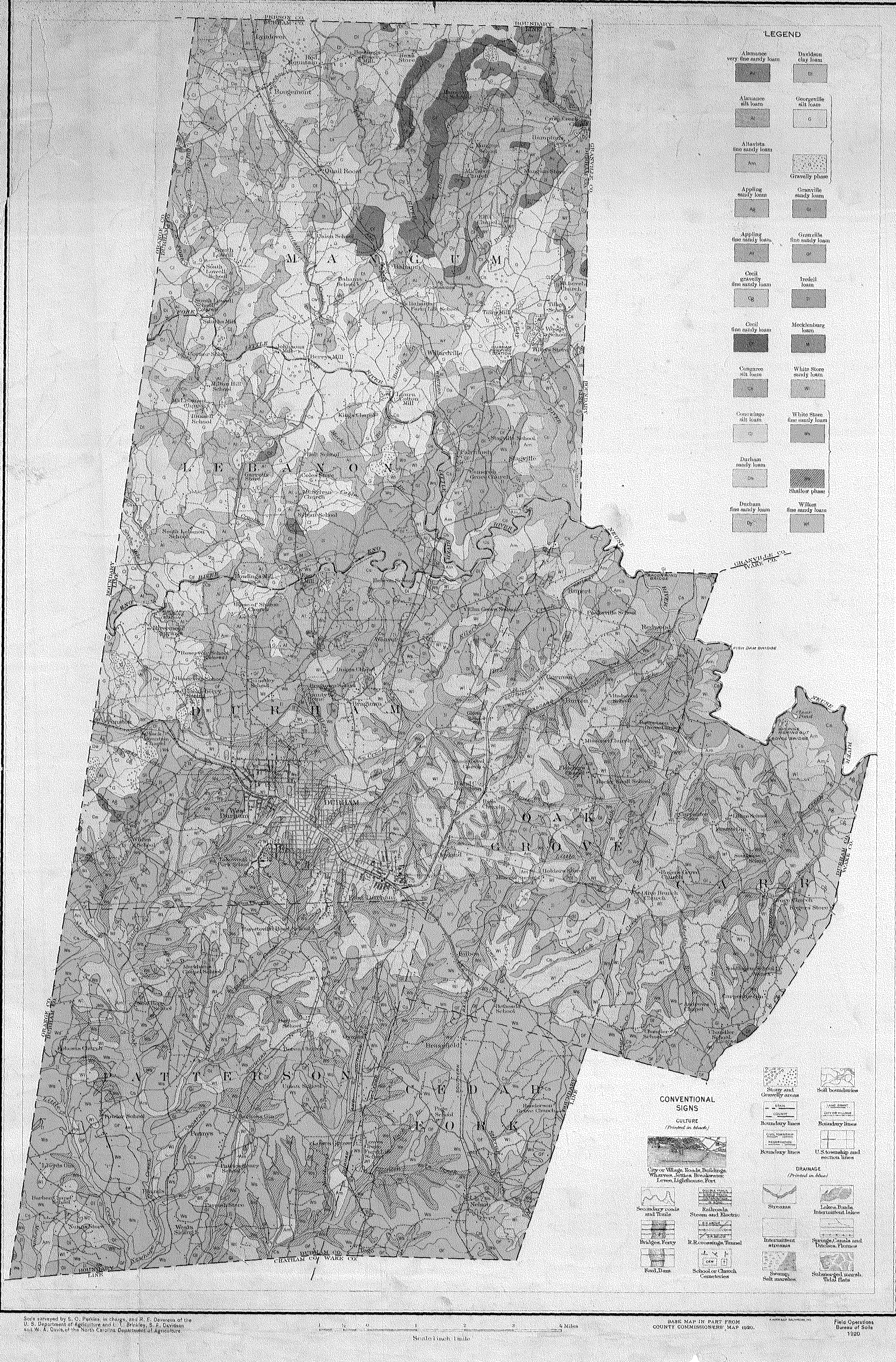

S81-30E
255.8
N 6°W 1752.6
S 9½E 1674.8
330'
462°
N 2°W
1188°
462°
588W


Stump Pts
S.E. 132.
S80°30'E
256
Iron Stake old
1335
Iron Stake old
S83-20E
346
N
Survey by
E.M. Pickard
1920.
Subdivision
High Land.
by Pittmanstell
Jan 1921
N5-35W 1720
A.S. Brougton.
Wiley G. Broughton.
N.45½ W 1320
-83.20
-80.30
Old Iron Pipe
Old Cedar Post
462
330
1375
341
N0° 30'W 1182°
S1-10E 1202
Broughton.
Iron St.
Pipe St.
471
S87°30W

U. S. DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS
IN COOPERATION WITH THE
NORTH CAROLINA DEPARTMENT OF AGRICULTURE
AND THE AGRICULTURAL EXPERIMENT STATION

SOIL MAP

NORTH CAROLINA
DURHAM COUNTY SHEET

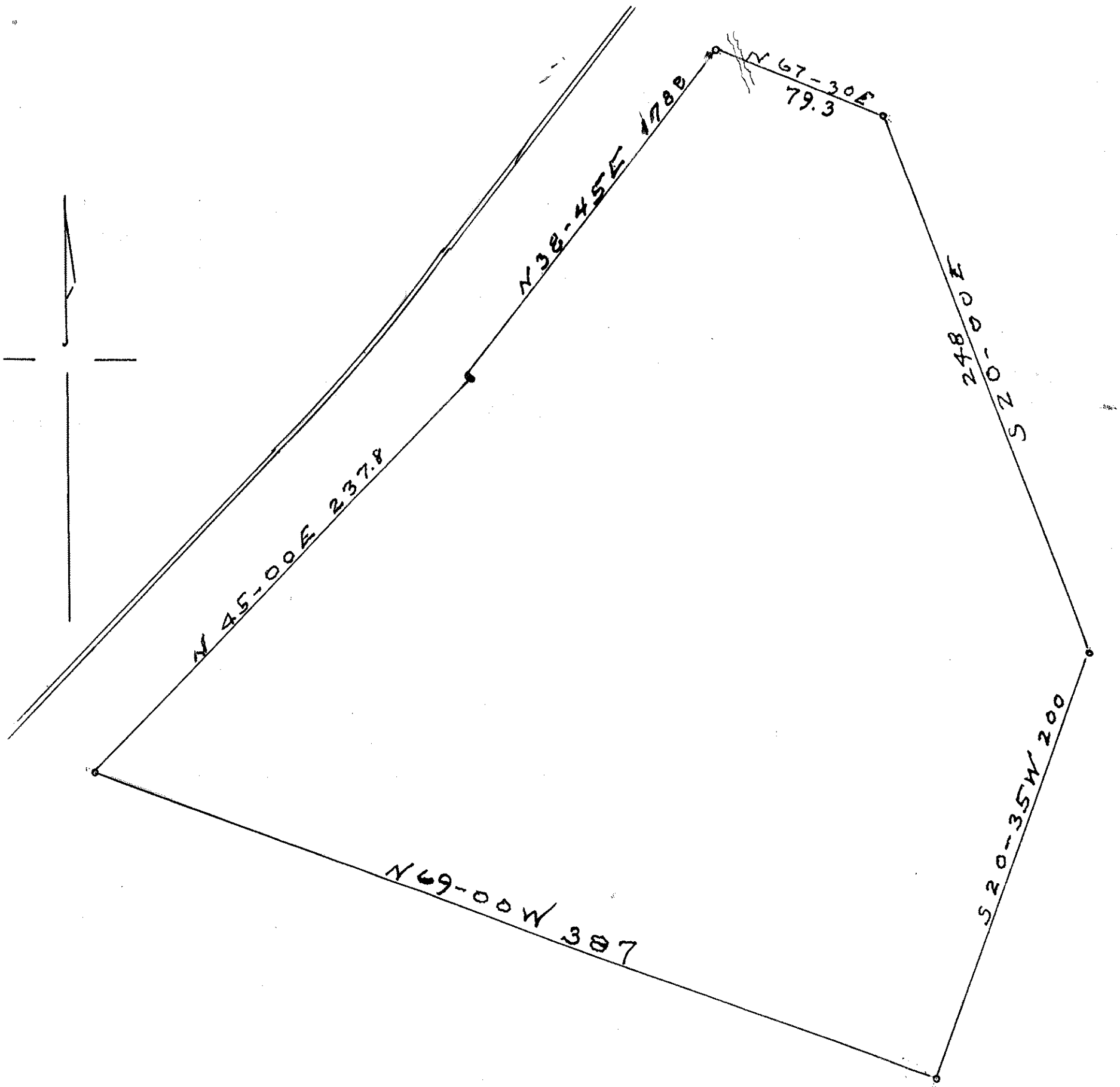


Soils surveyed by S. O. Perkins, in charge, and R. E. Devereux of the U. S. Department of Agriculture and L. L. Brinkley, S. F. Davidson and W. A. Davis, of the North Carolina Department of Agriculture

Scale 1 inch 1 mile
1 ½ 0 1 2 3 4 Miles

BASE MAP IN PART FROM
COUNTY COMMISSIONERS' MAP 1920.

Field Operations
Bureau of Soils
1920


N 67-30E
79.3
N 38-45E 178
E 237.8
N 45-00E
248.00
S 20-35W 200
N 69-00W 387

PROPERTY

of

C. J. MALLARD

RALEIGH

N.C.

Scale 1" = 20

C. L. MANN
Engr.

Book of Maps	Page
1943	75
1946	90

964	567
966	184
1035	233

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTH CAROLINA
DURHAM SOUTH QUADRANGLE
15-MINUTE SERIES

A.E. Raymond

Topography by A. G. England, C. H. Drown, S. Waggener, A. F. Winsten, W. A. Fisher, and J. M. Jones
Surveyed in 1939-1941

Gray tint indicates areas in which only landmark buildings are shown

Scale 1/62500

Contour interval 20 feet
Datum is mean sea level

Polyconic projection. 1927 North American datum
10000 foot grid based on North Carolina rectangular coordinate system
5000 yard grid based on U. S. zone system, S

ROUTES USUALLY TRAVELED
MAIN IMPERVIOUS SURFACES
OTHER SURFACE IMPROVEMENTS
U. S. ROUTE 1943 STATE ROUTE

DURHAM SOUTH, N. C.
Edition of 1943
N3545—W7845/15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NORTH CAROLINA
DURHAM SOUTH QUADRANGLE
15-MINUTE SERIES

BURLINGTON 30 MI.
JUNC. U. S. NO. 70 3 MI.

GREENSBORO (CIVIC CENTER) 56 MI.
BURLINGTON 33 MI.

ROXBORO 30 MI.

OXFORD 30 MI.
CREEDMOOR 15 MI.

79° 00' — 78° 45' — 36° 00' — 35° 45'

2010000 FEET — 8100000 FEET — 1430000 YARDS — 1200000 YARDS — 2070000 FEET — 730000 FEET

PITTSBORO 20 MI.
CHAPEL HILL 2 MI.

BURLINGTON 30 MI.
CHAPEL HILL 2 MI.

JUNC. U. S. NO. 154 4 MI.
WAKE FOREST 15 MI.

RALEIGH (CIVIC CENTER) 12.5 MI.
SMITHFIELD 39 MI.

SMITHFIELD 33 MI. ZEBULON 27 MI. WAKE FOREST 22 MI.
RALEIGH (CIVIC CENTER) 6.5 MI.

PITTSBORO 13 MI.
SILER CITY 20 MI.

APEX 2 MI.
SANFORD 30 MI.

JUNC. U. S. NO. 64 0.8 MI.
APEX 5.8 MI.

Topography by A. G. England, C. H. Drown, S. Waggener, A. R. Winsten, W. A. Fisher, and J. M. Jones
Surveyed in 1939–1941

Gray tint indicates areas in which only landmark buildings are shown.

APPROXIMATE MEAN DECLINATION, 1941
MAGNETIC NORTH — TRUE NORTH

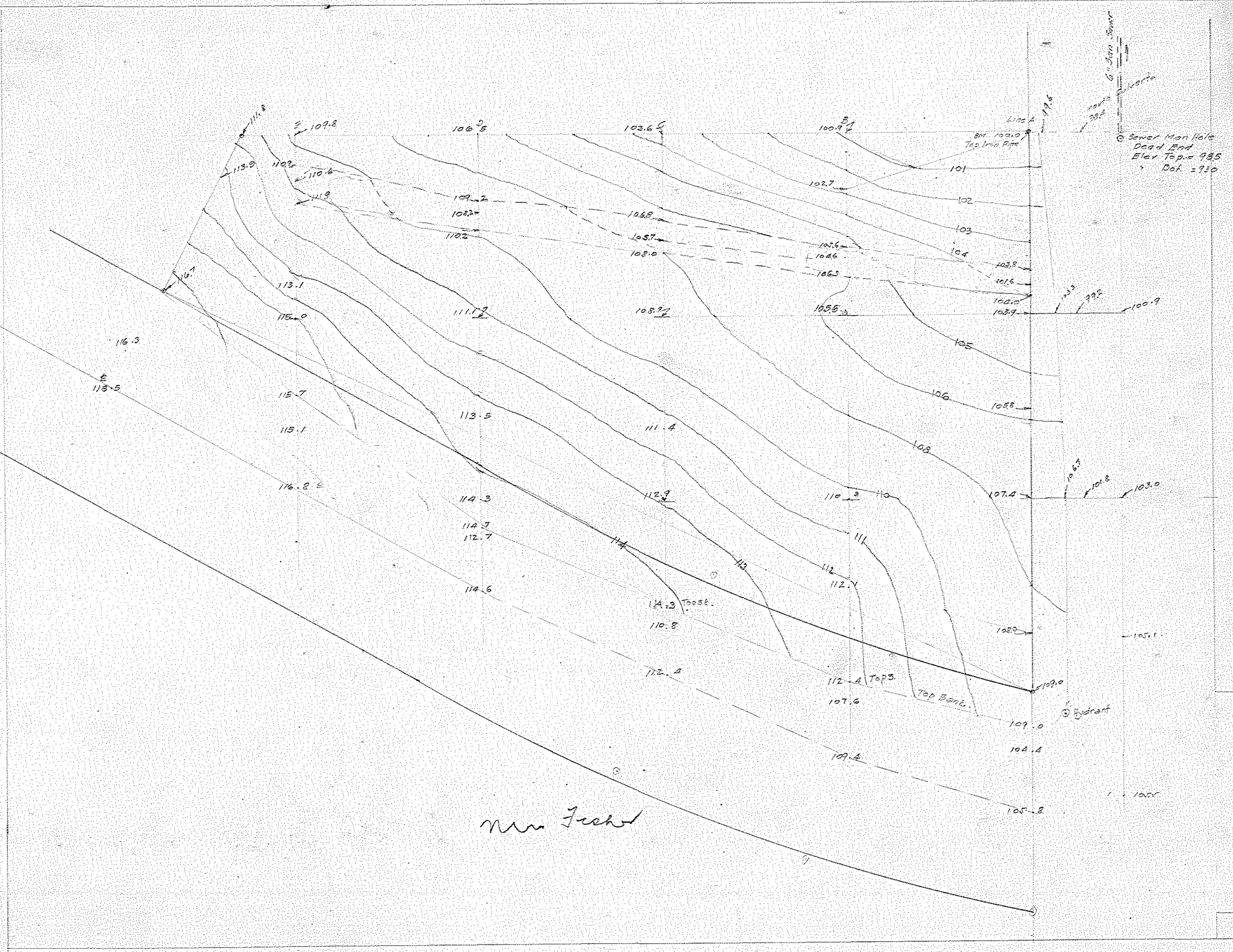
Scale 1/62500
1 Mile
1000 300 0 1000 2000 3000 4000 5000 6000 7000 Yards
1000 0 3000 6000 9000 12000 15000 18000 Feet
1 .5 0 1 2 3 4 5 Kilometers

Contour interval 20 feet
Datum is mean sea level

Polyconic projection. 1927 North American datum
5000 yard grid based on U. S. zone system, 8
10000 foot grid based on North Carolina rectangular coordinate system

ROUTES USUALLY TRAVELED
HARD, IMPROVED SURFACES
OTHER SURFACE IMPROVEMENTS
U. S. ROUTE 1943 STATE ROUTE

DURHAM SOUTH, N. C.
Edition of 1943
N3545—W7845/15


Line A
BM. 100.0
Top Iron Pipe
6" Sewer
Manhole
Dead End
Elev. Top = 98.5
Dia. = 9.30
Hydrant
Top Bank
Toe
New Fence

N

WAMYATT EST

Old Milford Springs Rd

High Water Limits

S36-05W 288

S.E.E. 3.5%

S82-E 33.4

E-S62.5 138

Mill Road

Dwelling

Mill Dam

Mill House & Stores

Cotton Gin

S64-30E 1017

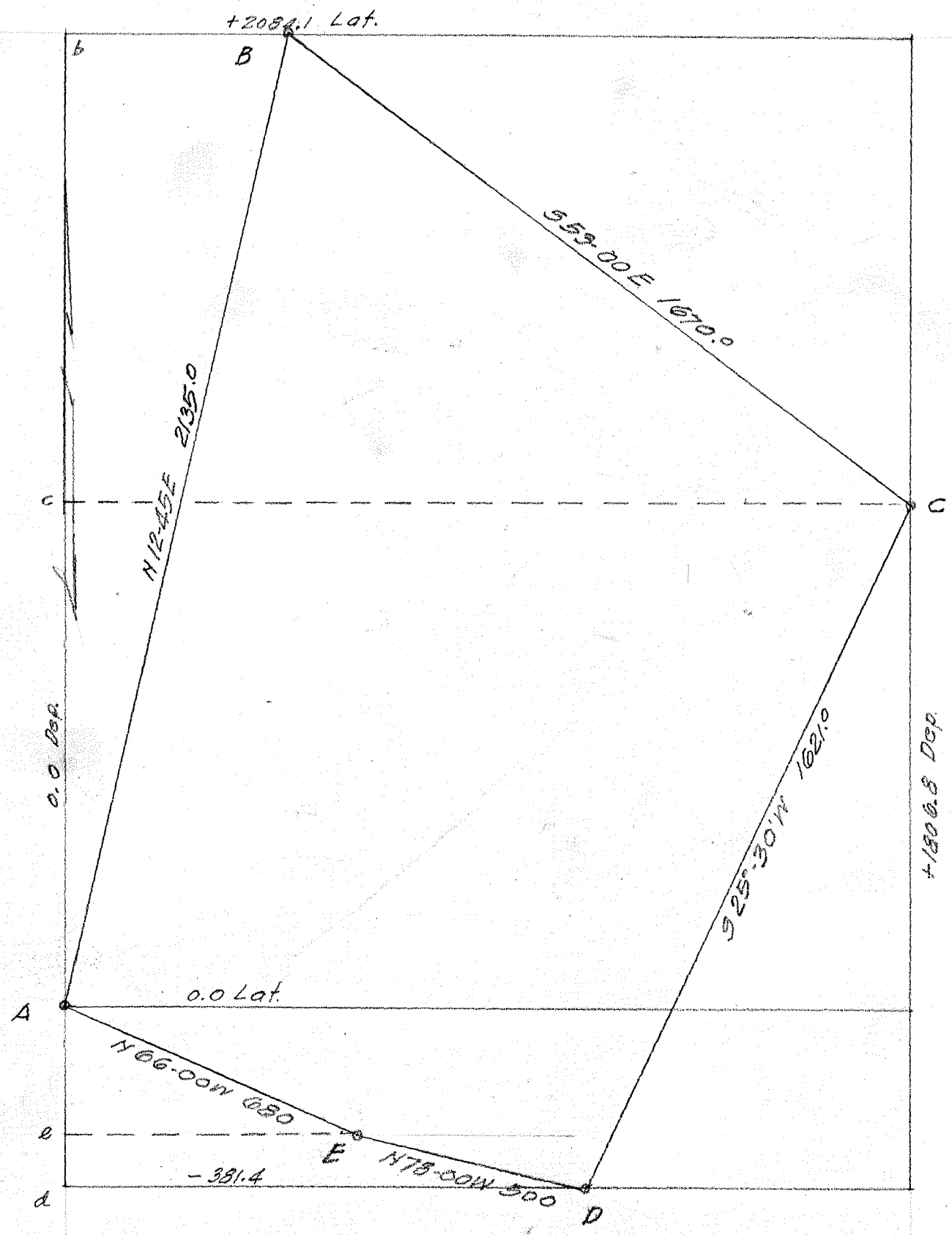
S34-10W 1070

S90 N65-00W

GW. PEGRAM

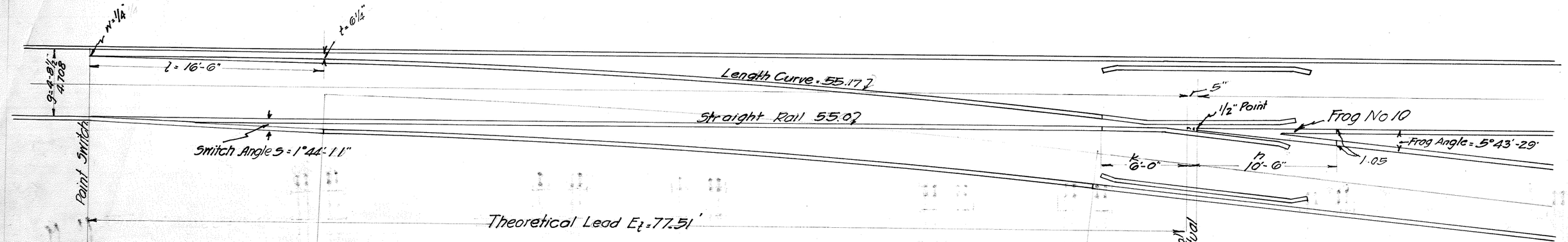
Hackney's Mill Rd

To Raleigh



A Problem in Plotting and Area with Planimeter

Scale 1" = 300'



$$R + g/2 \quad \frac{g - t - k \sin F}{\cos S - \cos F}$$

$$Et = l + \frac{g - t - k \sin F}{\tan \frac{1}{2}(F+S)} + k \cos F$$

$$Ea = l + \frac{g - t - k \sin F}{\tan \frac{1}{2}(F+S)} + k \cos F + bn$$

R.H.

1737. Rupert A.M.

A.M. Rupert

1758

Money

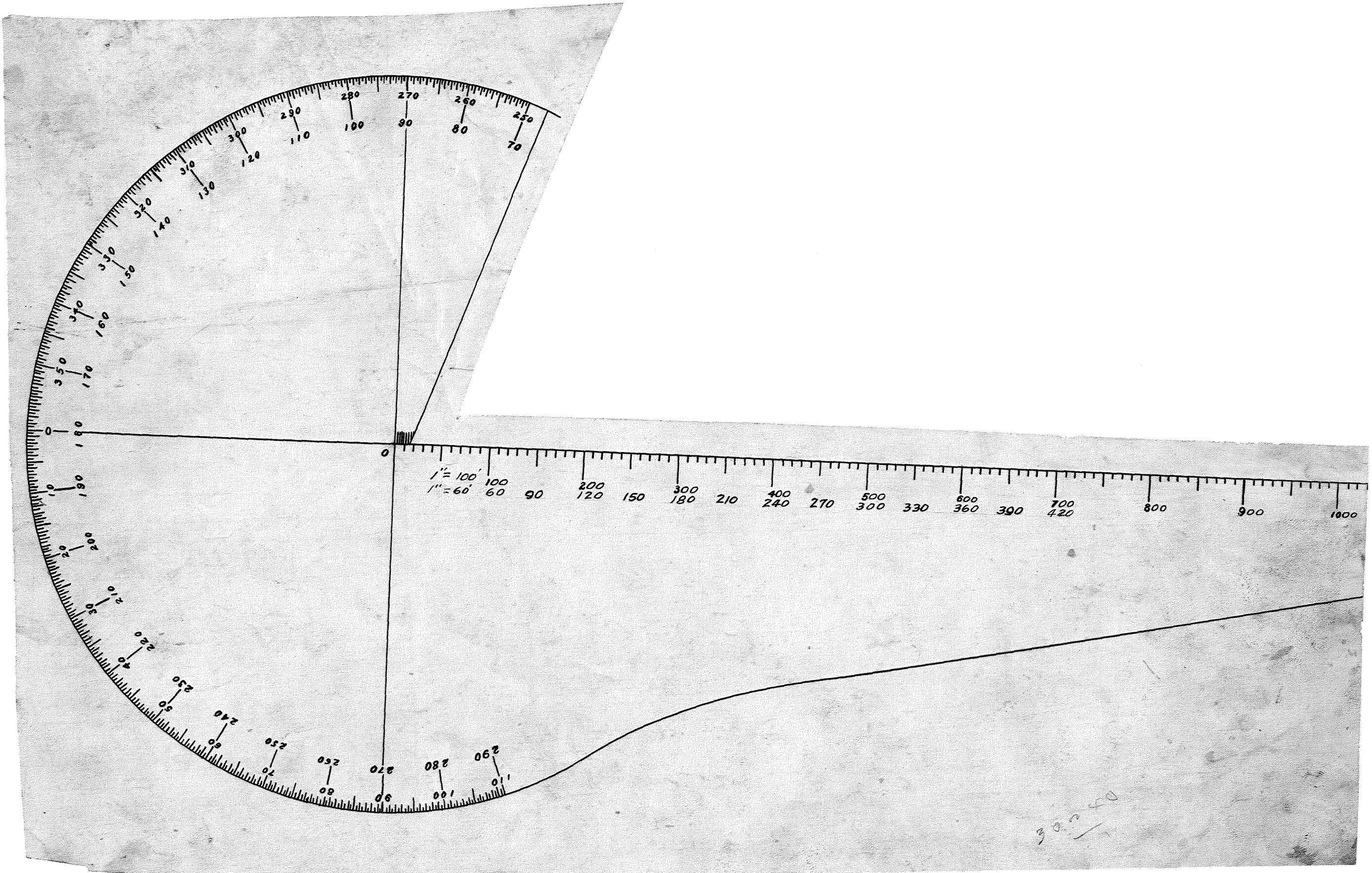
1000 Rand

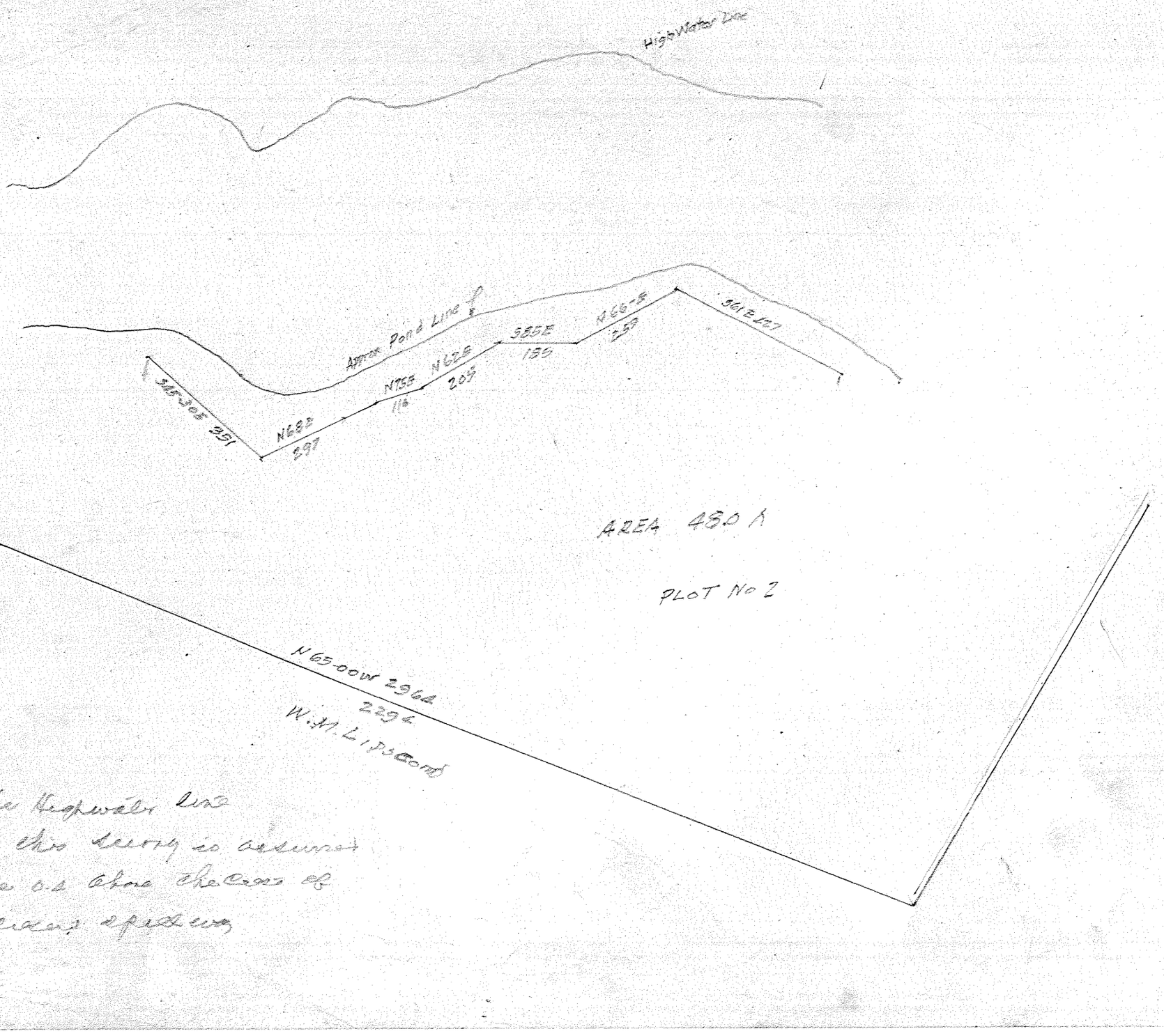
James T. Hendrick

Graham 2.191

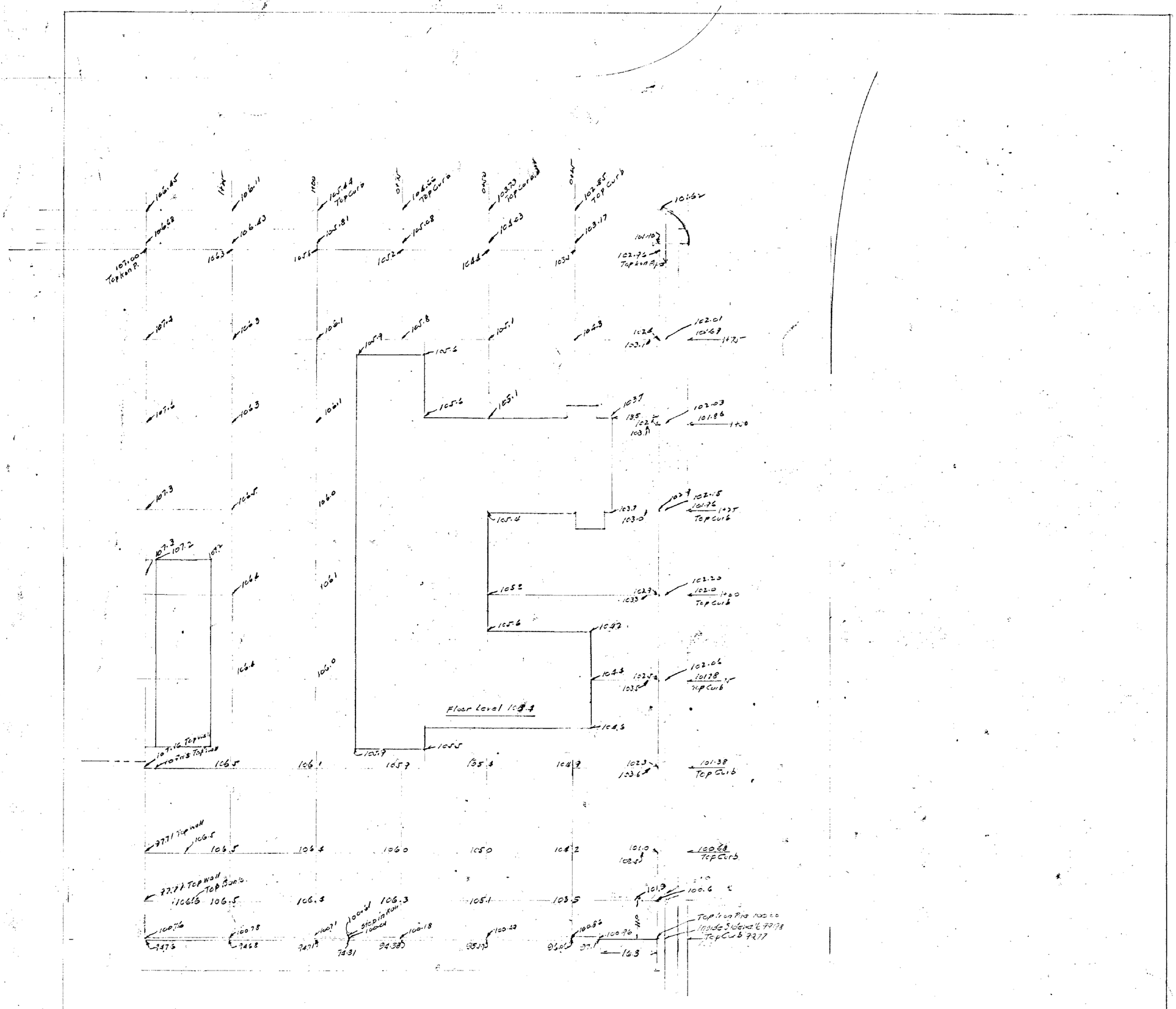
A.H. Graham

Lake Creek

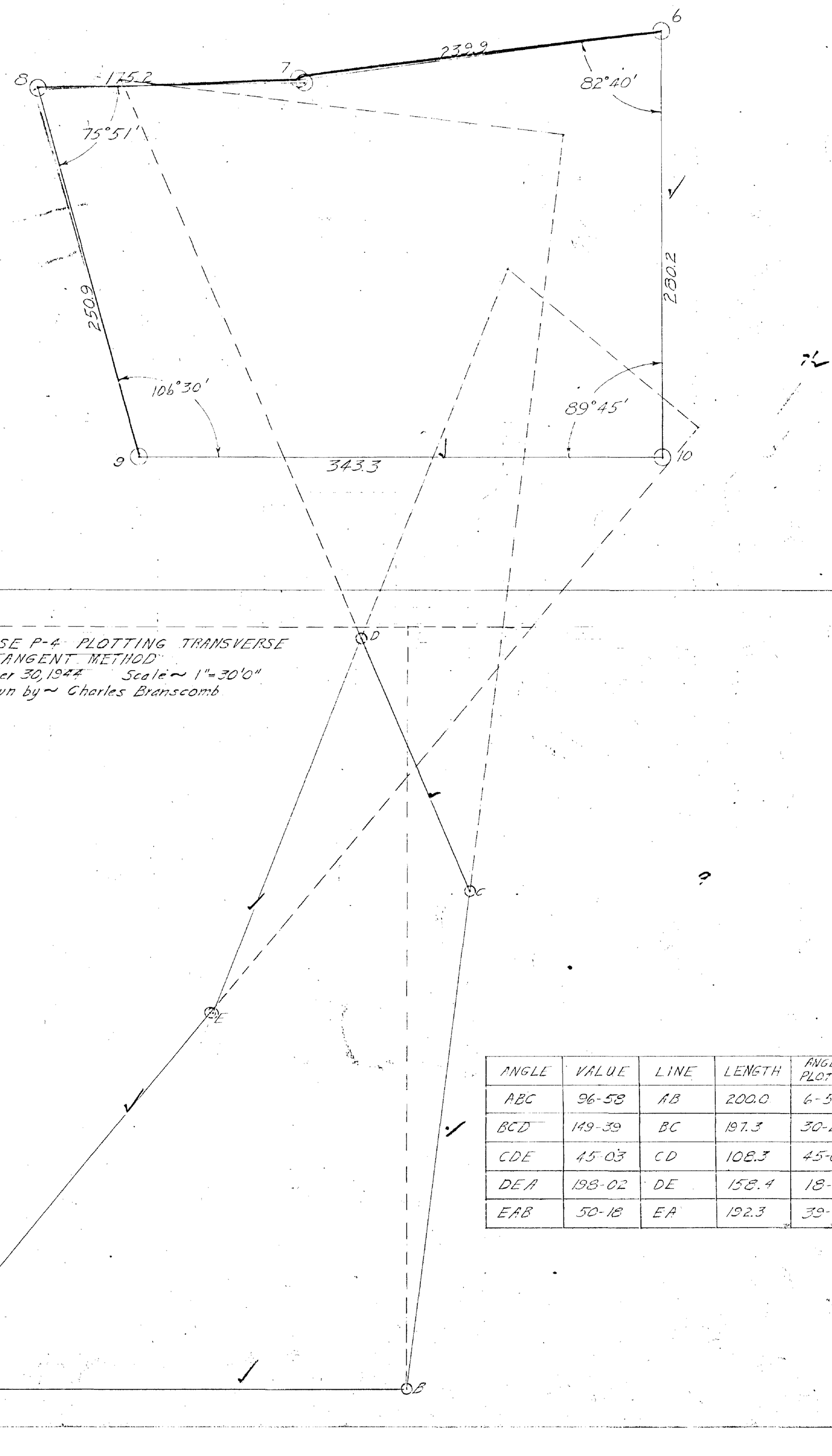

0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
1" = 100'
1" = 60'
100
60
90
200
120
150
300
180
210
400
240
270
500
300
330
600
360
390
700
420
800
900
1000



The Hedgerow Line
for this survey is assumed
to be on a chain the centre of
the previous survey

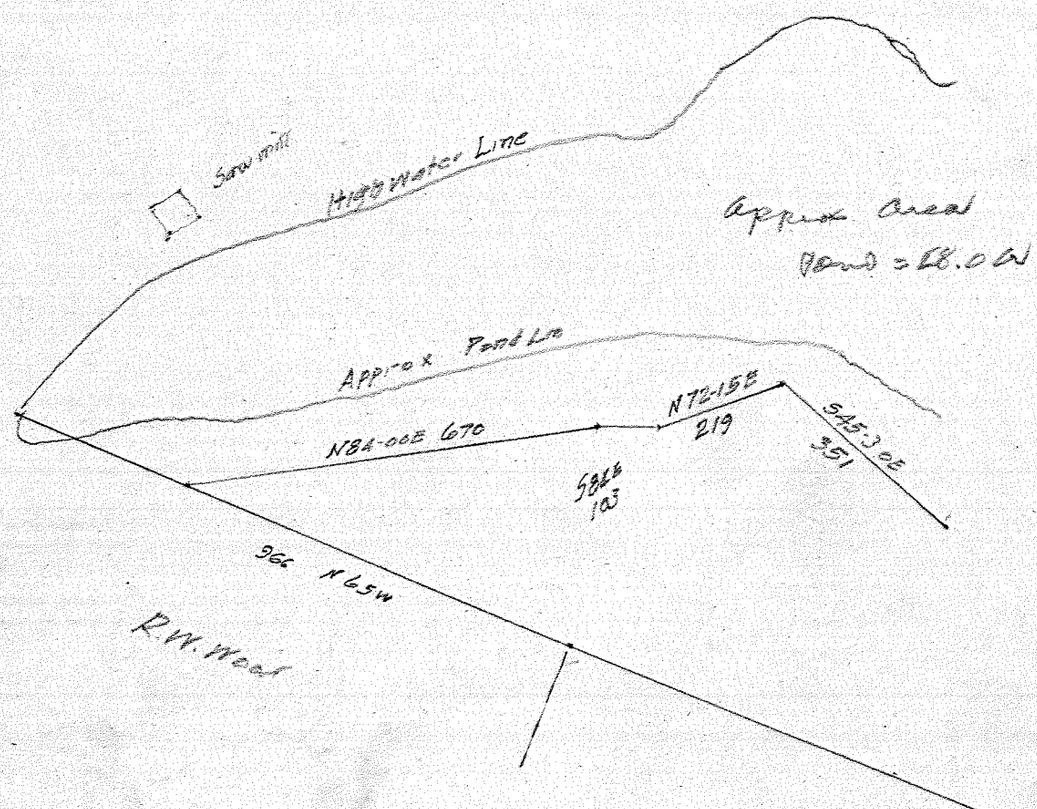

107.00
Top Kan P.
106.68
106.63
106.11
106.63
105.81
105.68
105.52
105.44
Top Curb
106.22
Top Curb
103.73
Top Curb
105.63
103.17
102.85
Top Curb
101.62
101.10
102.76
Top Kan Pipe
105.9
105.8
105.6
105.1
104.3
102.01
101.69
103.7
103.5
102.03
101.86
105.1
105.4
103.7
103.0
102.15
101.96
Top Curb
105.2
103.3
102.20
102.0
Top Curb
105.6
104.7
104.3
103.5
102.04
101.78
Top Curb
Floor Level 103.4
104.3
105.5
105.7
103.6
101.38
Top Curb
107.3
107.2
106.4
106.1
106.4
106.6
107.16 Top wall
107.78 Top Curb
106.5
106.1
105.7
105.4
104.7
103.6
101.38
Top Curb
97.71 Top wall
106.5
106.5
106.4
106.0
105.0
104.2
101.0
102.8
100.68
Top Curb
97.71 Top wall
106.5 Top Curb
106.5
106.4
106.3
105.1
103.5
101.3
100.6
100.76
97.73
100.78
97.68
100.71
97.71
100.61
Stop in Wall
100.64
74.31
100.18
94.38
100.42
95.03
100.84
100.76
97.1
16.3
Top Iron Pins 102.00
Inside Sidewalk 97.78
Top Curb 97.77

EXERCISE P-3. PLOTTING TRAVERSE
WITH PROTRACTOR
November 23, 1944 SCALE ~ 1"=50'0"
Drawn by ~ Charles Branscomb



EXERCISE P-4 PLOTTING TRANSVERSE
BY TANGENT METHOD
November 30, 1944 Scale ~ 1"=30'0"
Drawn by ~ Charles Branscomb

ANGLE	VALUE	LINE	LENGTH	ANGLE PLOTTED	TANG. OFF SET
ABC	96-58	AB	200.0	6-58	1.22
BCD	149-39	BC	197.3	30-21	5.85
CDE	45-03	CD	108.3	45-03	10.02
DEA	198-02	DE	158.4	18-02	3.25
EAB	50-18	EA	192.3	39-42	8.30


Saw mill
High Water Line
Approx Area
Pond = 18.0 Ac
Appx Pond Line
N84-00E 670
N72-15E
219
S45-30E
351
S84½
103
96 N 65W
R.W. West

LOT SURVEYED FOR
WACHOVIA BK & TR CO
7-5-41

TRUSTEES
BAPTIST STATE CONVENTION
OF N.C.

270°

1018

Fence Post

23.0

Iron St.

10 13° 21.5

S60-00 E
1145.0

Jackson St.

N 43° 30 Rifle Ave

35

Pond. Lot.

Fence Post

S12-00E
862

Fence Post

60.2
S30 45W

3 Galv Iron Fence Post

Galv. Iron Fence Post

N60-00W
53.7

5.8

Iron St.

S13-55W 212.5
139

Chas. H. London Lot.

Mrs. Ella M. Barnard

KAUFMANN

100.

N.

100.

15°

Iron St.
Blacksmith Corner
723 ft to E Side Cox Ave.

N.

S59-10 W 224

HILLSBORO ST.

Iron pipe in Hedge.

15

715

Technical Center Line Hillsboro St

Stone Curb

Iron Pipe

105°

Technical Property Line

105°

105°

210°

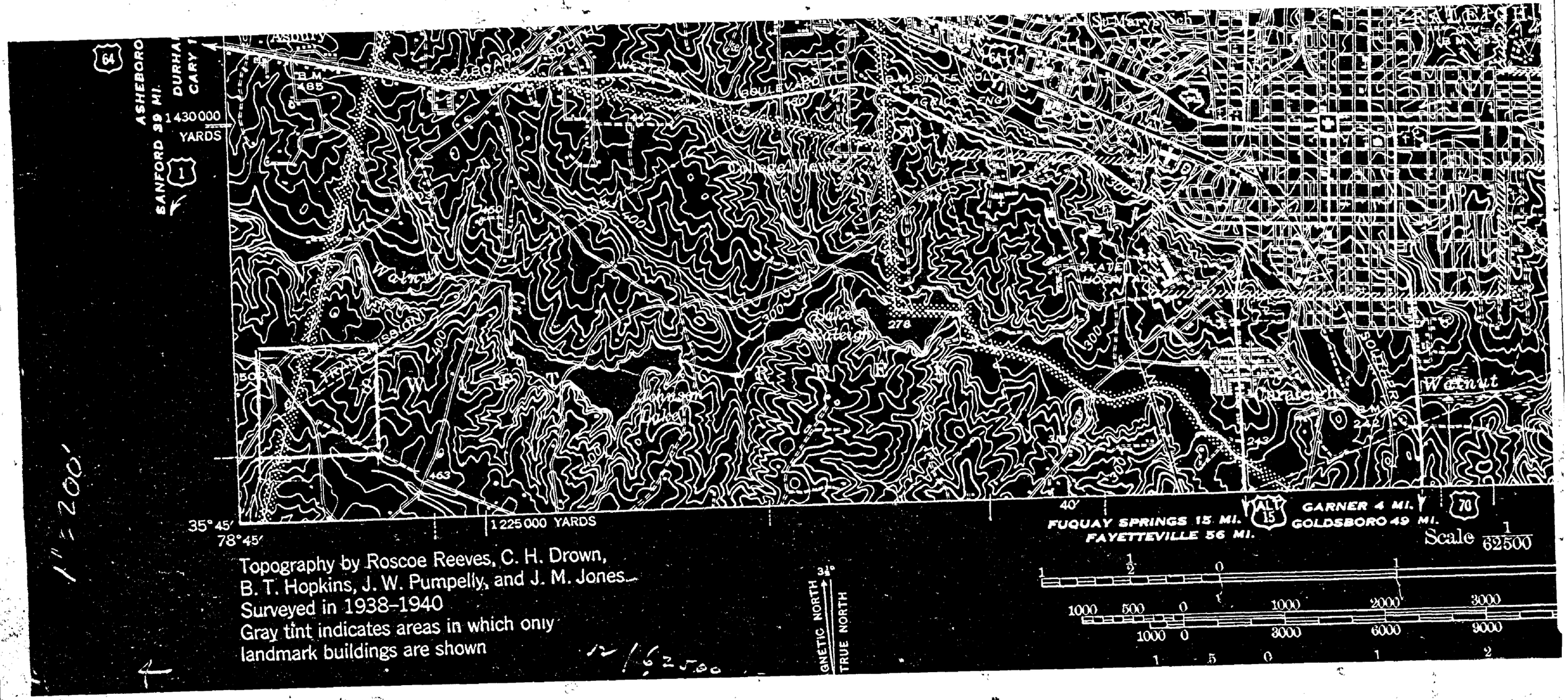
210°

210°

Stone curb

Stone curb

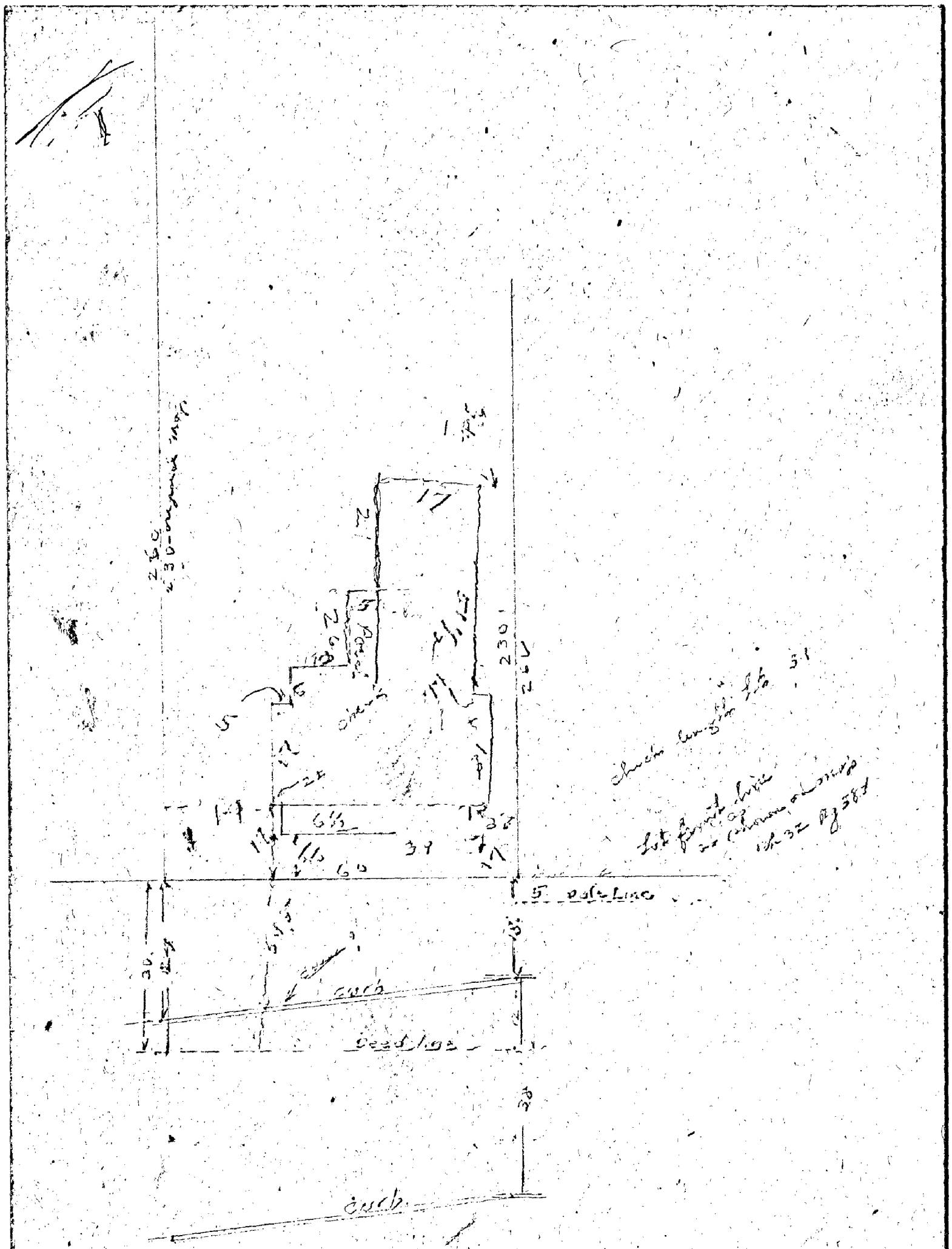
Durham 1951

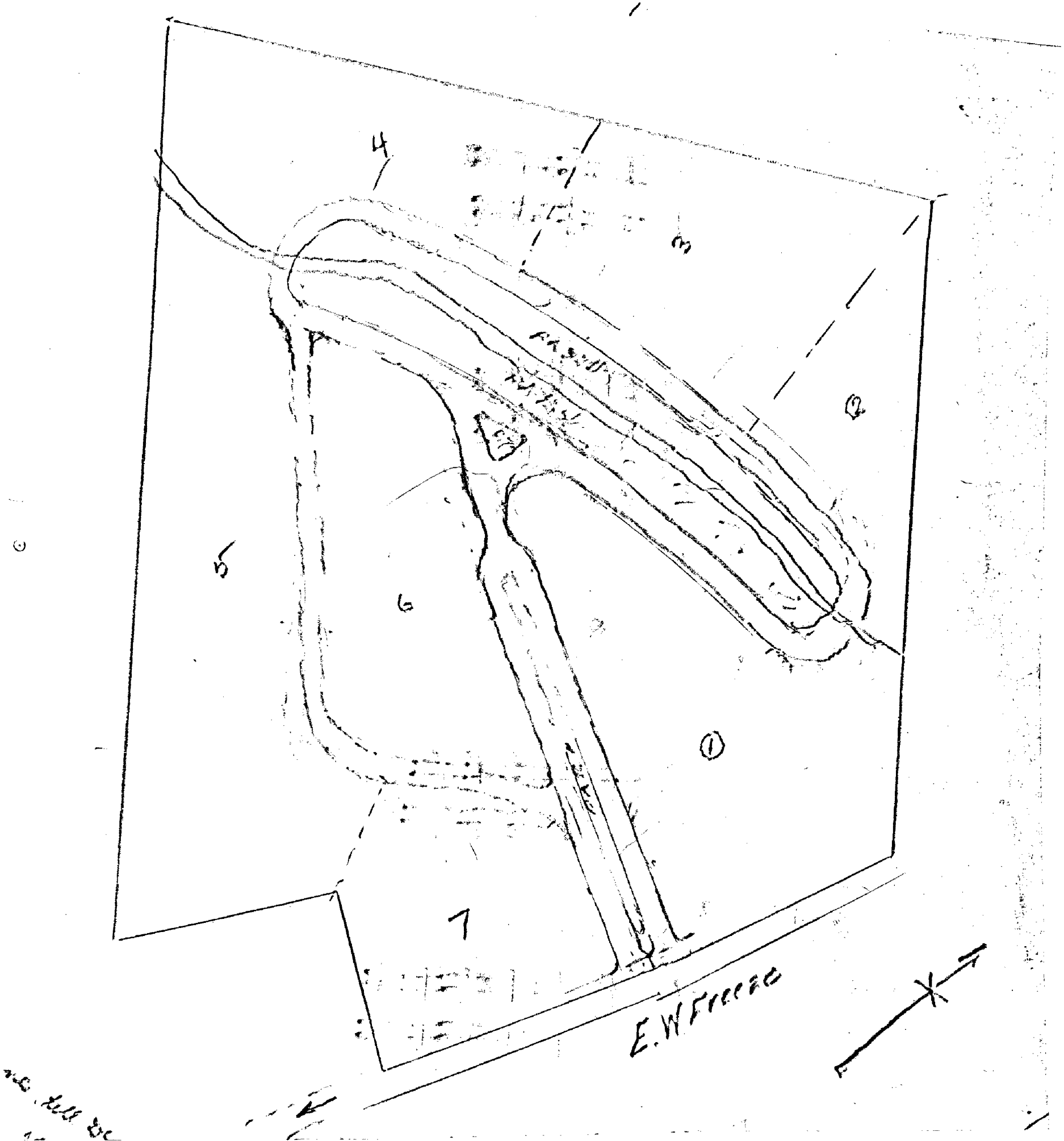


1" = 200'

Topography by Roscoe Reeves, C. H. Drown,
B. T. Hopkins, J. W. Pumpelly, and J. M. Jones
Surveyed in 1938–1940
Gray tint indicates areas in which only
landmark buildings are shown

1/62500


curb
curb
curb
5' building line
230'
Lot fronts this
= Columbus Avenue
Block 583 = Pg 581


4
5
6
7
1
2
3
E. W Freeway

		Lat		Dep				Kgs			
Rear	Dis	N	S	E	W	Cos	Dire	N	S	E	W
South	438.2		438.2			1	0		4382		
N50-30W	210.5	169.31			139.61	6361	7716	1396			169.4
N53-30W	201.1	160.82			121.02	6018	7986	1210			160.6
N36-30E	258.3	153.64		207.64		8039	5948	207.6		153.6	
S76-30E	178.8		173.85	41.74		2374	9726		41.7	173.9	
		784.52	438.2	249.38	260.63			4682	4791	327.5	330.0
									468.2		327.5
									11.7		2.5

13

from No 5

438.2 from woods map No 5

125
10
43.2
20
438.2

20'

Cl across in pavement

N 16°34' E

194

1793

1887

Pt of end of present woven wire fence

HINTON ST

S 69° E

3151

2683

LOT 262

LOT 263

Pt

Pt

30ft RIGHT OF WAY

1784

Culvert

4034

2440

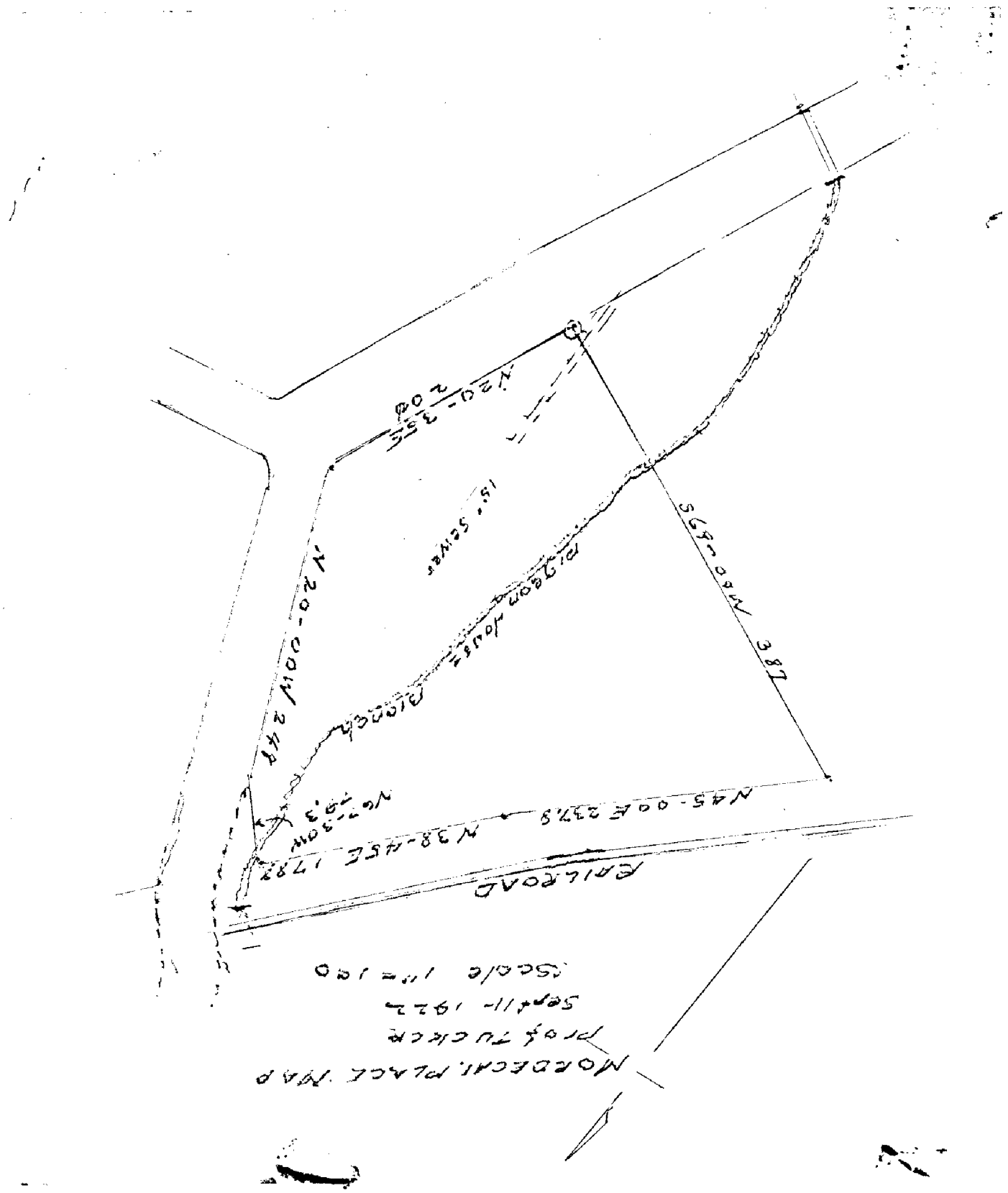
Centerline of U.S. No 1

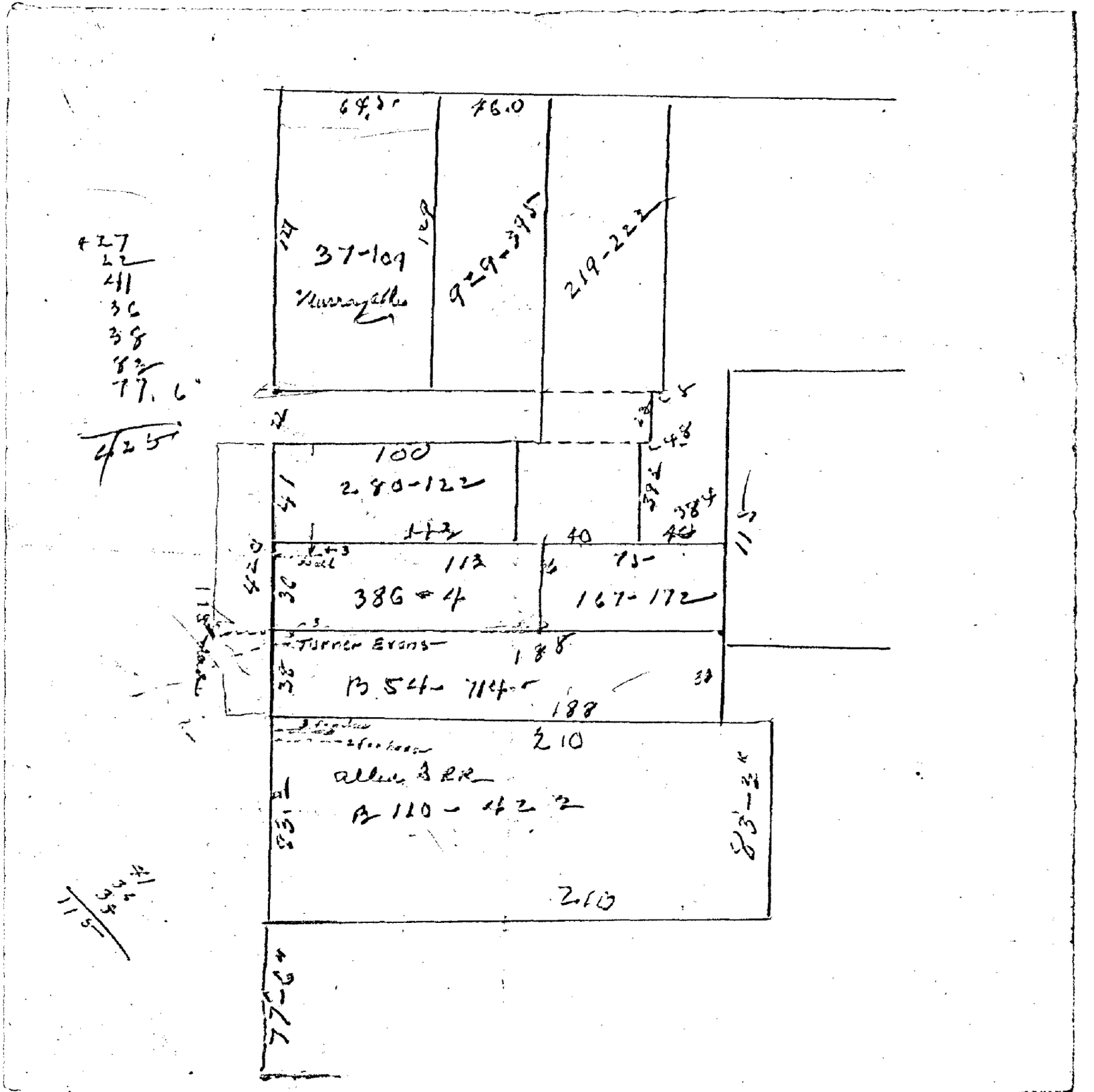
27.55

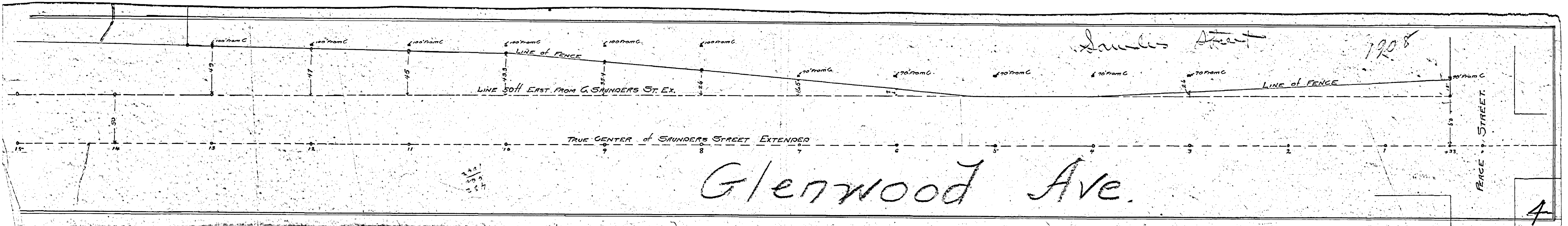
25.0

Original pipe

(5)


MORDECAI PLACE MAP
Proof Tracing
Sept 11- 1912
Scale 1"=100
PINE ROAD
N38-45E 1782
N45-00E 237.9
N 20-30W
N 20-30W 208
15" SEWER
PLYMOUTH ROAD
N 20-30W
N45-00E 387.5


37-109
Unassessable
9-29-395
219-222
100
280-122
112
386-4
167-172
Turner Evans
B 54-114
188
210
Allen & RR
B 110-142
210


Saunders Street
1928
100' from C
LINE of FENCE
LINE 50ff EAST FROM C. SAUNDERS ST. EX.
70' from C
LINE of FENCE
TRUE CENTER of SAUNDERS STREET EXTENDED
49
47
45
193
154
226
145
224
184
59
50
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
+33
FENCE
STREET
Glenwood Ave.
4

Asbury

SEABOARD

SOUTHER

WESTERN

BOULEVARD

B.M. 485

B.M. 438

475

442

430

420

College View

450

403

346

Valley

TRANSMISSION LINE

502

Lake Raleigh

278

000

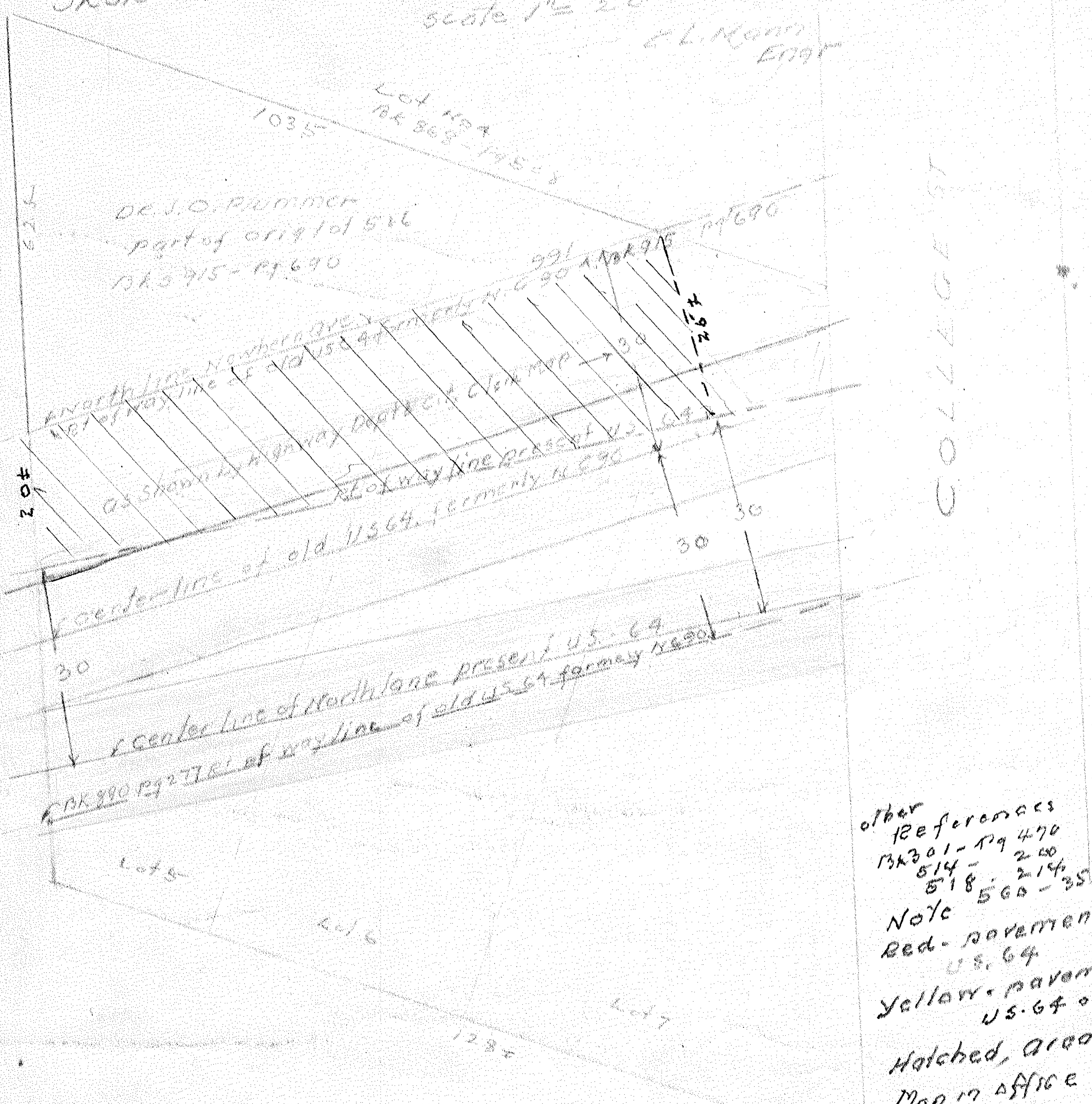
RDS

Sketch showing properties South of Dr. J. O Plummer Lot

Jan 51

scale 1" = 20'

E. L. Rann
Engr



other
References
Bk 301 - Pg 470
514 - 200
518 - 214
560 - 358

Note
Red - pavement present U.S. 64
Yellow - pavement old U.S. 64 or N.C 90
Hatched area in question
Map in office City Clerk
Rt of way maps
Sudge [illegible] Hy. Comm

TABLE

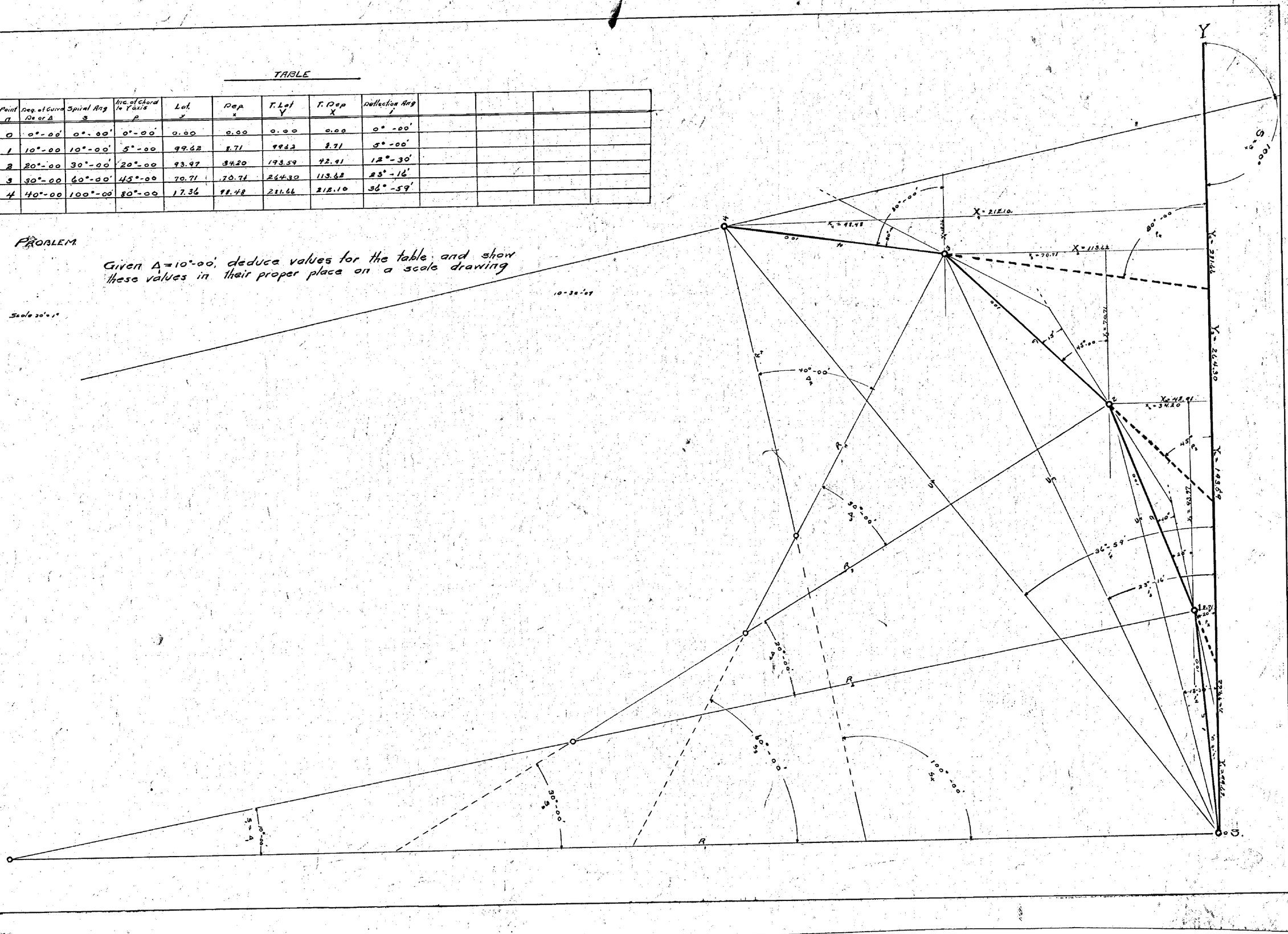
Point n	Deg. of Curve Rc or Δ	Spiral Ang s	Inc. of Chord to T axis p	Lat. y	Dep x	T. Lat Y	T. Dep X	Deflection Ang i				
0	0°-00'	0°-00'	0°-00'	0.00	0.00	0.00	0.00	0°-00'				
1	10°-00	10°-00'	5°-00	99.62	8.71	99.62	8.71	5°-00'				
2	20°-00	30°-00'	20°-00	93.97	34.20	193.59	42.91	12°-30'				
3	30°-00	60°-00'	45°-00	70.71	70.71	264.30	113.62	23°-16'				
4	40°-00	100°-00'	80°-00	17.36	98.48	281.66	212.10	36°-59'				

PROBLEM.

Given Δ=10°-00', deduce values for the table, and show these values in their proper place on a scale drawing

Scale 20'=1"

10-30-'09



Part Of

Country Club Hills

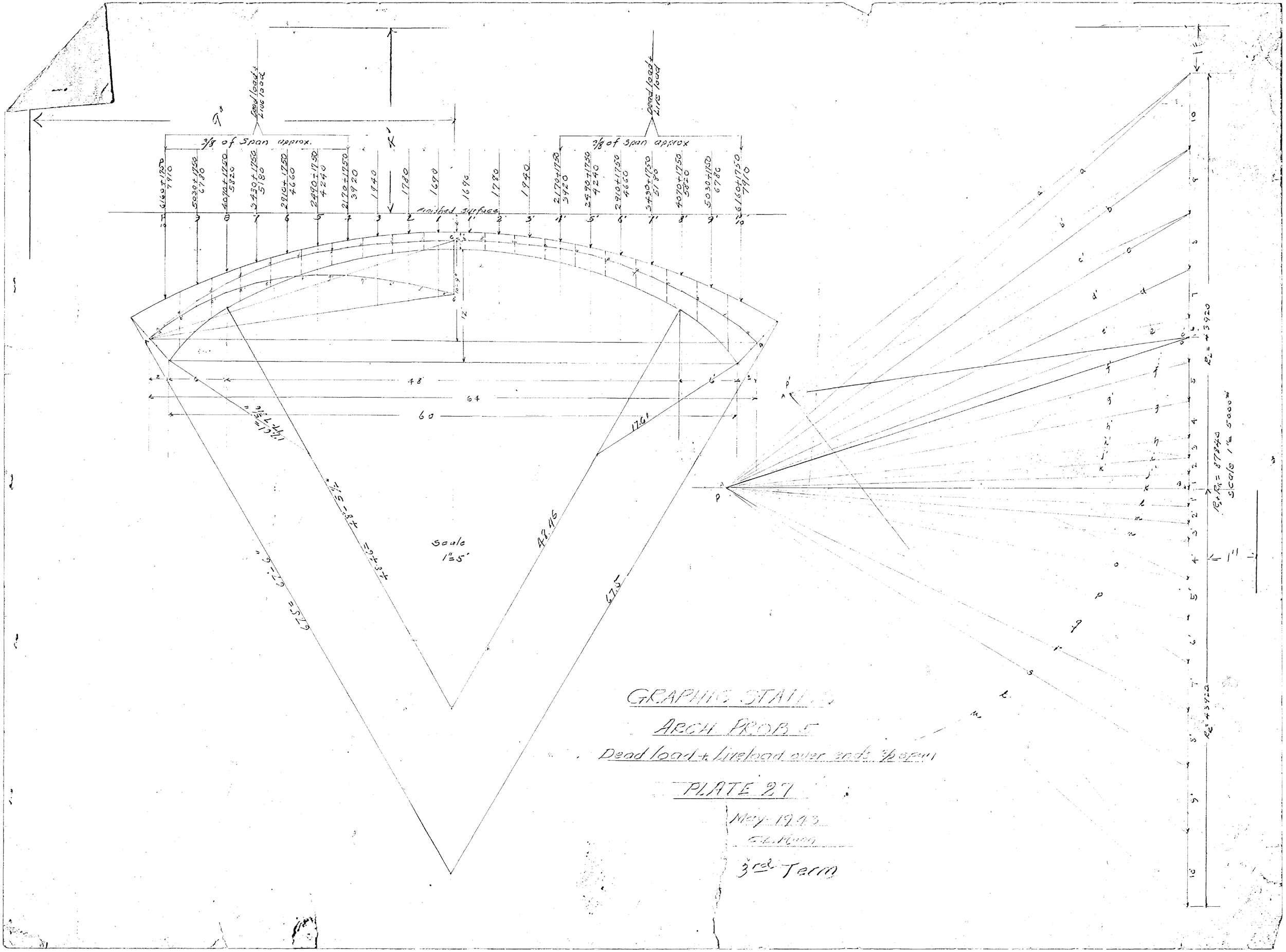
Raleigh, N.C.

Lots 1-54 Inc.

SCALE 1"=200 FT. 1945-46

ENGINEER

Do not bend


Dead load + Live load
3/8 of Span approx.
Dead load + Live load
3/8 of Span approx.
6490+1250 7910
5030+1250 6780
4070+1750 5820
3430+1750 5180
2910+1750 4660
2490+1750 4240
2170+1750 3920
1940
1780
1690
1690
1780
1940
2170+1750 3920
2490+1750 4240
2910+1750 4660
3430+1750 5180
4070+1750 5820
5030+1250 6780
6490+1250 7910
finished surface
48
64
60
176'
42.46
67.5
Scale 1"=5'
R1+R2 = 87845
R2 = 43920
Scale 1" = 5000#
GRAPHIC STATICS
ARCH PROB 5
Dead load + Live load over each ½ span
PLATE 27
May 1915
C.E. Noyes
3rd Term

Note
Iron Pins
at all Corners
reference

PROPERTY
of
MRS LESSIE COTTEN
Seven Units

Scale 1" = 50

C.L. MANN
Old plowed row

Scale 1" = 50

Heavy fence

41 41 41 41 41 41 41

209.0 209.3 209.6 209.8 209.2 209.5 209.7

Trustees of Cemetery

Well

41 41 41 41 41 41 41

OLD DRIVE WAY 23

23

Heavy line of trees

ARMOO PLANT

Clark

U.S. #1 Raleigh Coro

MRS. LESSIE COTTEN

Scale 1" = 50

Oct 1957

C. L. MANN
Reg Engr

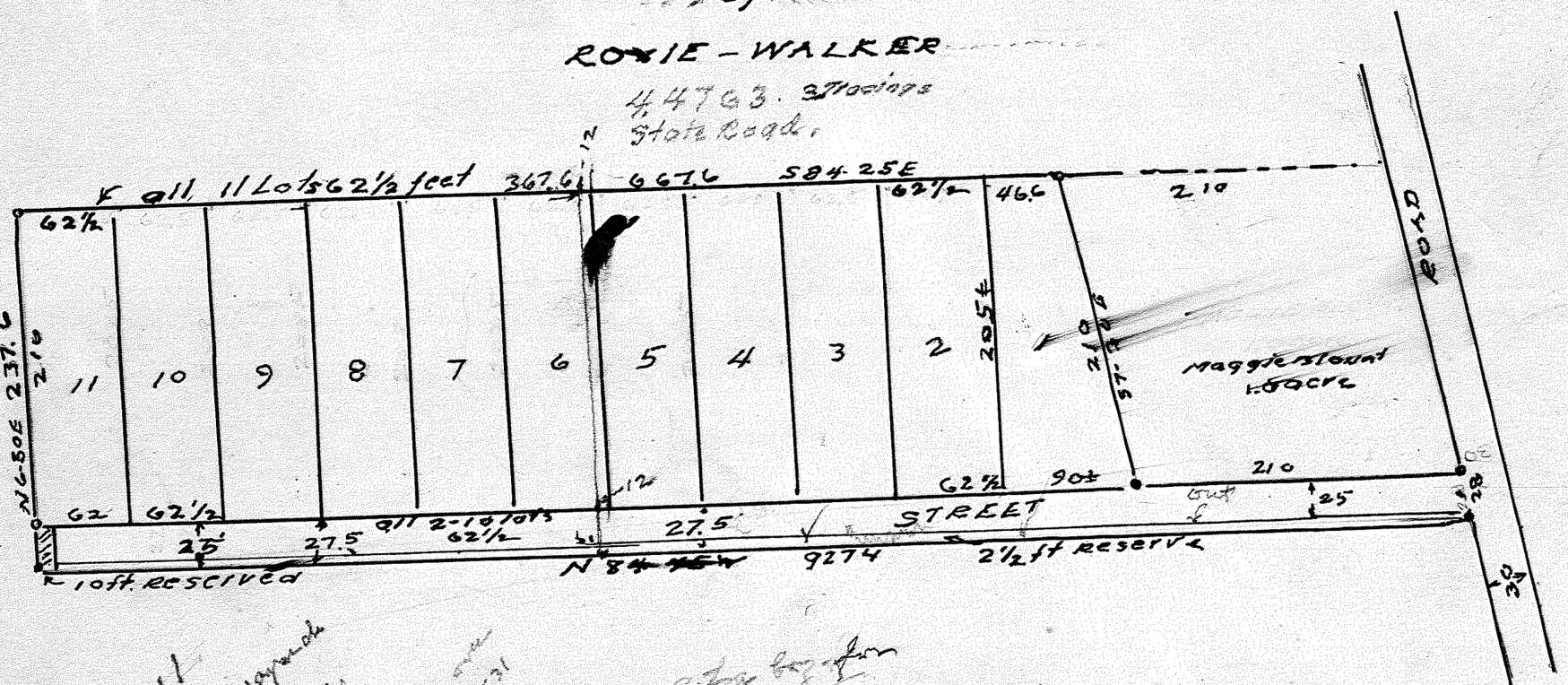
PROPERTY

of

ROWIE - WALKER

44703. 3 Tractors

State Road.



Pt Lot 11
Pickup all unpaved
VA 8-2 557
after 8 pm

Stevens Creek Comm
Att'y Anderson 2-7531

Stevens Creek Comm
Att'y Anderson 2-7531

Give by 4pm
Friday 9 A.M.
Call here tomorrow Thursday noto

CHART OF FUNCTIONAL ORGANIZATION AND PERSONNEL

NORTH CAROLINA COTTON GROWERS COOPERATIVE ASS'N

MEMBERSHIP

BOARD OF DIRECTORS

EXECUTIVE COMMITTEE

PRESIDENT
W. M. SANDERS

GENERAL MANAGEMENT
H. B. BLALOCK

SELLING
Lawrence McRae, Manager

Functions of:

- Promoting the extension of Cotton Sales
- Selling Cotton
- Directing storage and reconcentration of cotton to facilitate sales

CLASSING
P.H. Hart - Head Classer

Functions of:

- Classing incoming samples
- Storing and displaying Classed Samples

LEGAL

Functions of:

- Handle all Legal Matters

SECRETARIAL-FINANCIAL
A. E. Bing - Sec.-Treas.

- HANDLING FINANCES
- SECRETARIAL DUTIES

ACCOUNTING AND GENERAL OFFICE
F. B. Webster - Asst Secretary
G. E. Ruthel - Auditor

DISBURSEMENT DIVISION
W. H. McDaniel - Chief Clerk

Functions of:

- Examining drafts and collateral
- Payment of drafts
- Issuing expense checks
- Distribution of Expense Vouchers

MORTGAGE DIVISION
W. D. Jones - Chief Clerk

Functions of:

- Verifying contract numbers, names and addresses on all documents
- Recording mortgages, assignments etc.
- Assorting members drafts.
- Listing Drafts
- Punching members cards
- Counting collateral on Drafts
- Securing contract numbers, names, addresses etc.

INFORMATION
T. W. Chambliss - Director

Functions of:

- Publication of Newspaper
- Distributing information to other newspapers

WAREHOUSING
D. D. Traynick - Director

Functions of:

- Securing Warehouse contracts
- Regulating storage quantities
- Checking original warehouse receipts against reports
- Inspecting warehouses

FIELD SERVICE
H. H. B. Mask - Director

Functions of:

- Directing membership campaigns
- Securing deliveries of cotton
- Directing Field Agents
- Securing mortgage release
- Promoting local organization.
- Reporting membership complaints
- Investigating matters in the field
- Handling general membership
- Correspondence in the office

MEMBERSHIP LEDGERS
C. E. Stuart - Chief Clerk

Functions of:

- Posting all money items to members accounts
- Balancing members ledgers
- Issuing distribution statements

GENERAL BOOKKEEPING
F. F. Wall - Chief Clerk

Functions of:

- Keeping general ledger, expense and other subsidiary ledgers
- cash receipts and disbursements records, and bank pass book.
- Reconciling bank accounts
- General trial balancing

ASSEMBLING DIVISION
M E K Carmichael - Ch. Clerk

Functions of:

- Checking original warehouse receipts
- Issuing class application lists
- Verifying members contract numbers and names on warehouse reports.
- Filing duplicate warehouse receipts
- Filing bills of lading
- Issuing insurance reports

CLASS APPLICATION
W. F. Brock - Chief Clerk

Functions of:

- Stamping pool members cards
- Lot numbers on sample coupons
- Assorting coupons by warehouses
- Applying pool numbers on class application schedule
- Issuing lists to warehouses for stacking purposes

MEMBERSHIP AUDITING
J. L. Kelton - Chief Clerk

Functions of:

- Auditing members names addresses and contract numbers and bale numbers on members drafts and advice of class and weight.
- Filing members drafts
- Filing members advices

TRAFFIC DIVISION
I. M. Porter - Manager

Functions of:

- Routing inbound & outbound shipments
- Checking, entering & filing expense bills
- Issuing outbound bills of lading
- Regulating volume of cotton moving into warehouse
- Furnishing Sales Manager with rates & routing data.

BILLING AND SHIPPING
F. B. Webster - Dir. Supt.

Functions of:

- Issuing Shipping Orders
- Issuing Invoices & Documents
- Handling claims on sales
- Keeping Sales and claims Register and papers

TABULATING DIVISION
H. C. Worrell - Chief Clerk

Functions of:

- Punching, verifying, listing and filing receiving pool, bale sales and stock inventory cards.
- Verifying members cards
- Issuing ledger control lists
- shipping and other lists of cotton
- Issuing classed stock reports
- Keeping control on members cards
- receiving pools, valuation etc.
- Issuing lists of members deliveries

GENERAL FILING
Mrs. H. A. Brigman

Functions of:

- Filing membership and general correspondence

MAILING
Mrs T. B. Davis

Functions of:

- Handling all incoming and outgoing mail
- Operating addressograph machines
- Operating mimeograph machines
- Making and Filing name plates for addressograph.

MISCELLANEOUS DUTIES
Sundry Employees

Functions of:

- Keeping Supply Stock Room
- Operating telephone switchboard
- Maintaining Office

LEGEND

Direct Line Authority ———

Advisory Relation — — — —

Prepared by
Systems Department of American
Cotton Growers Exchange
November 1923
Drawn by: W.S.Morris. Traced by: W.S.M.

Form L—2.

Page.....

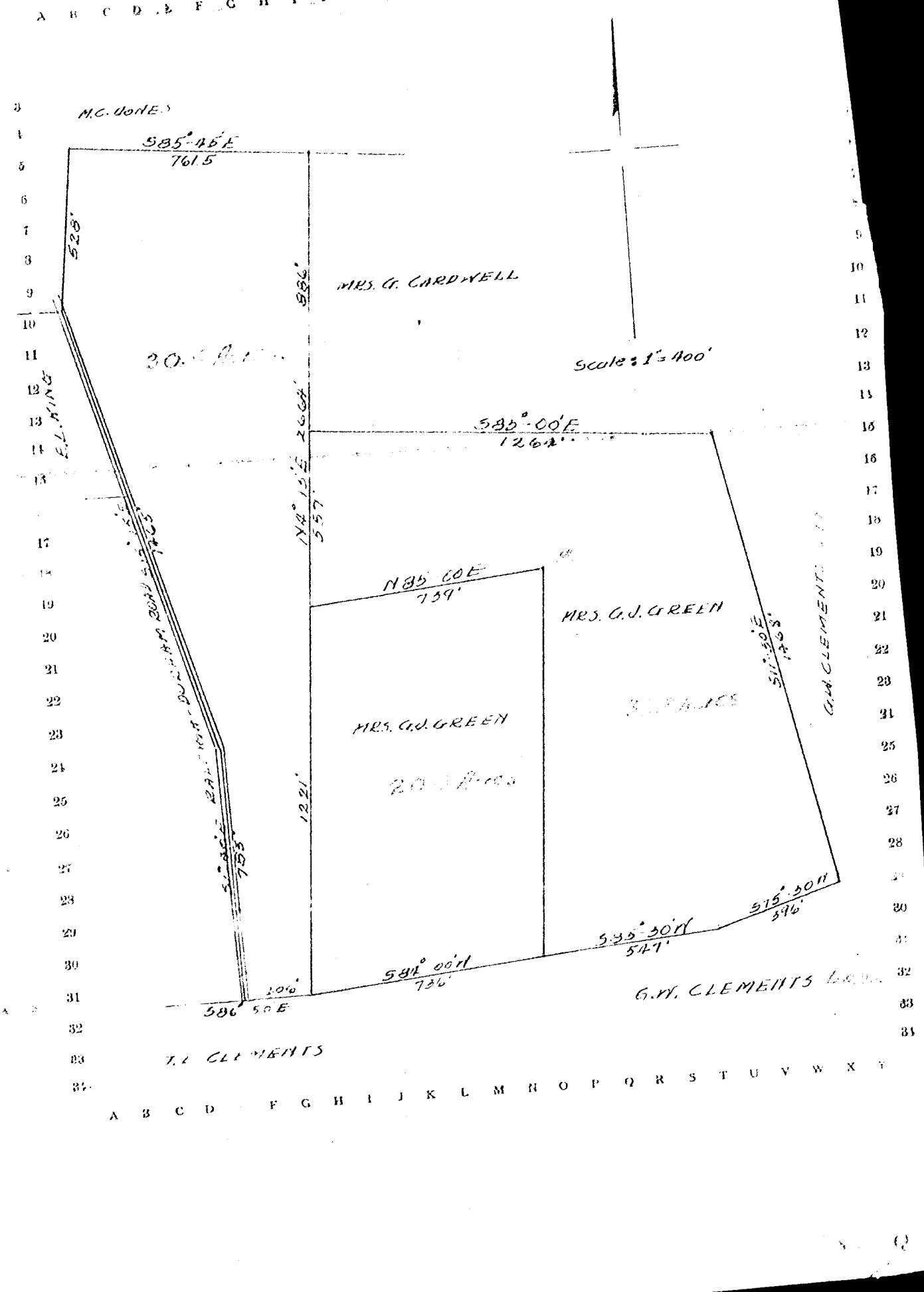
THE NORTH CAROLINA JOINT STOCK LAND BANK OF DURHAM

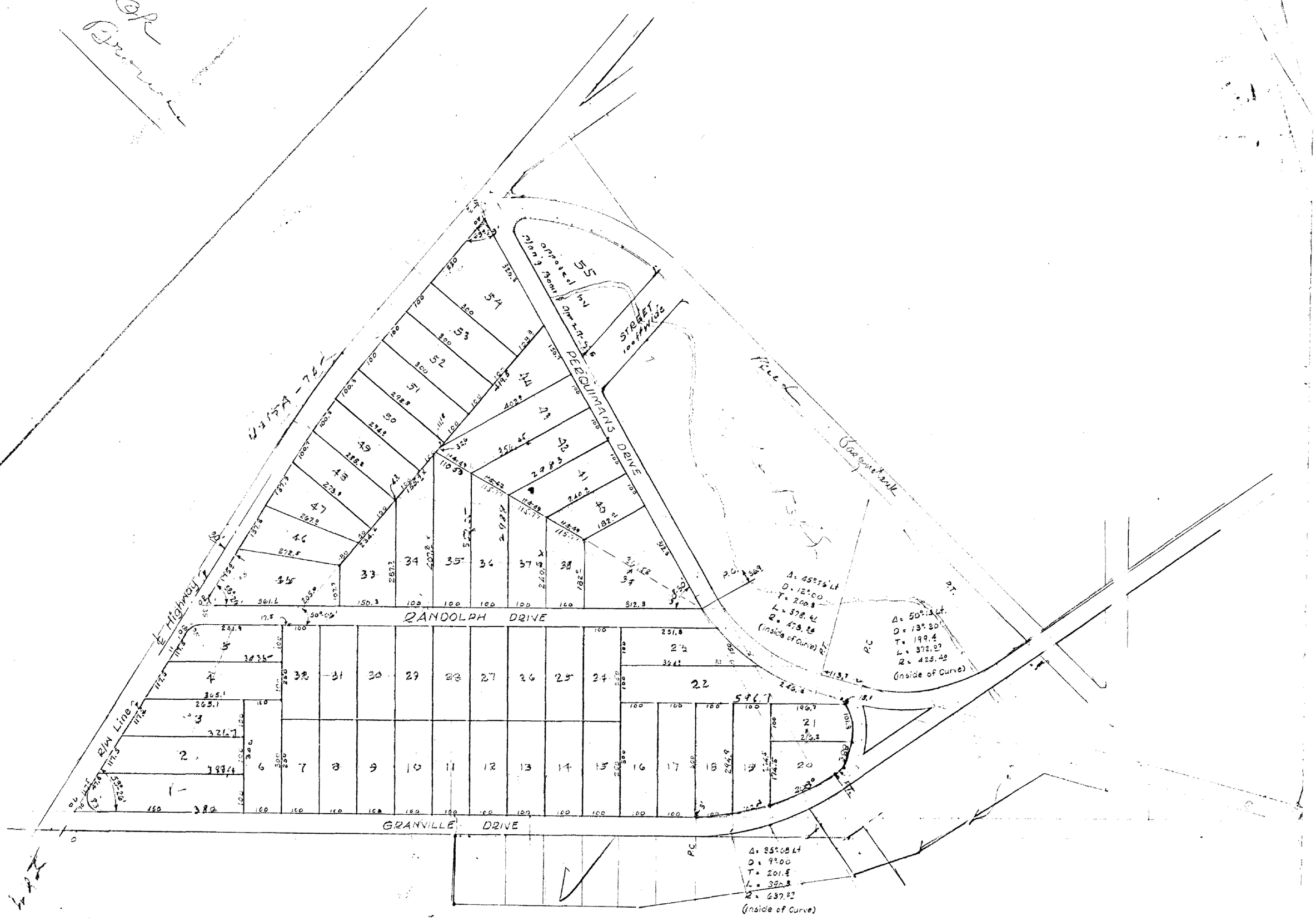
TRACING SHEET FOR PLATS.

Lot ..... of ..... CARLTON .....

for tracing plats of tracts of the lands abstracted in the chain of title. Place this sheet over the plat to be traced, so that the ... is nearly in the center of the sheet as possible; then trace all lines, courses and distances. Always show all ... point of the compass and copy all legends or explanatory notes, showing the date of survey, purpose of the same ...

... inserted in the abstract at its proper place, which is immediately following the instrument or proceedings which refer ... this ... copy.




PERQUIMANS DRIVE
RANDOLPH DRIVE
GRANVILLE DRIVE
R/W Line
Highway
STREET
100 FT WIDE
Δ = 45°56' Lt.
D = 12°00
T = 200.8
L = 378.61
R = 478.56
(Inside of Curve)
Δ = 50°13' Lt.
D = 13°30'
T = 199.4
L = 372.07
R = 425.40
(Inside of Curve)
Δ = 35°08 Lt
D = 9°00
T = 201.6
L = 394.8
R = 637.27
(Inside of Curve)
P.C.
P.T.

MAP OF

BLOOMSBURY PARK

NEAR

RALEIGH, N.C.

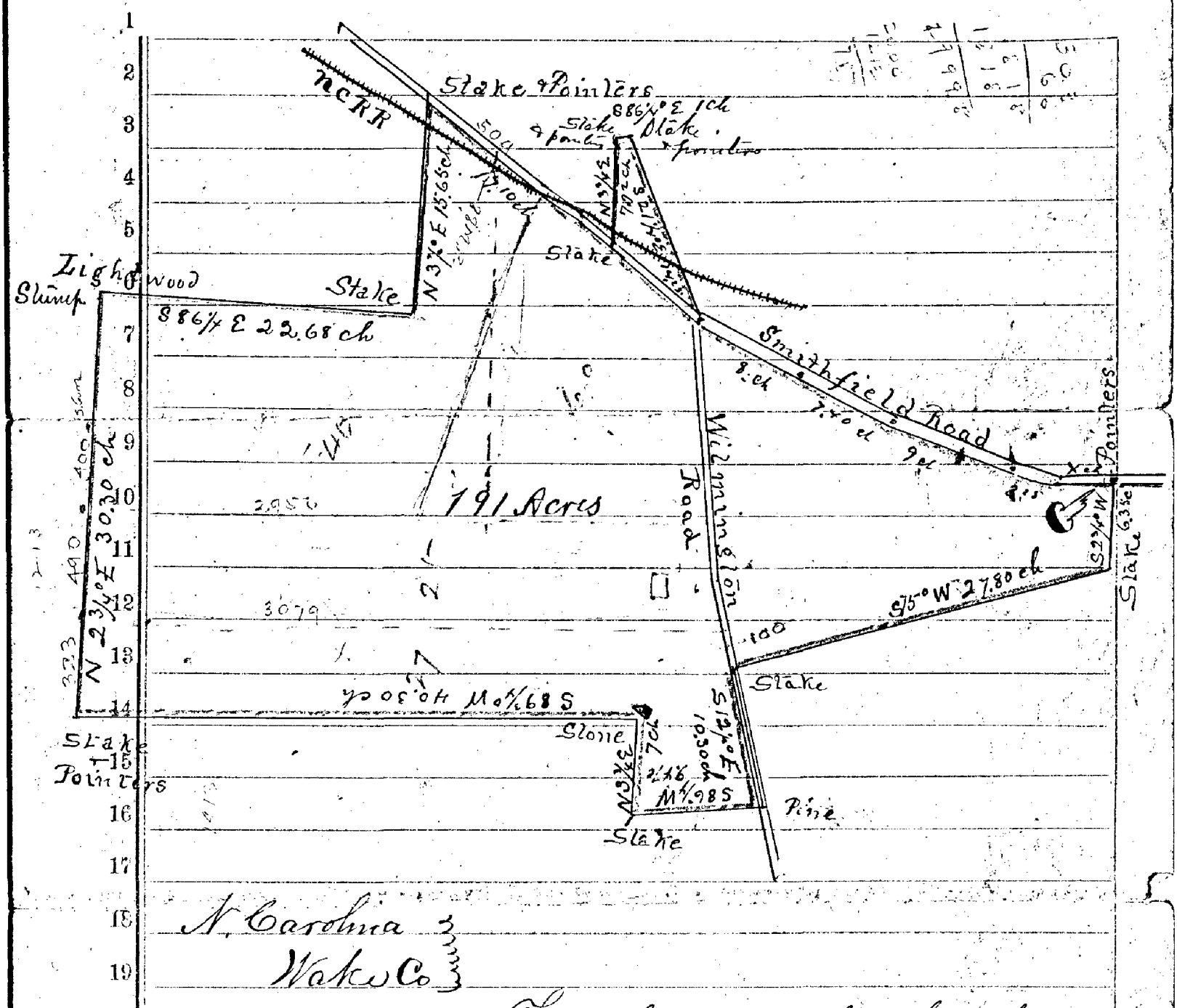
PROPERTY OF THE

CAROLINA POWER & LIGHT CO.

SCALE

Area 100 Acres

H.L. Parker, CE 8-15-12



The above map represents a Survey made for Hobgood of the lands purchased of Hardy Bagwell Nov 28th 1895

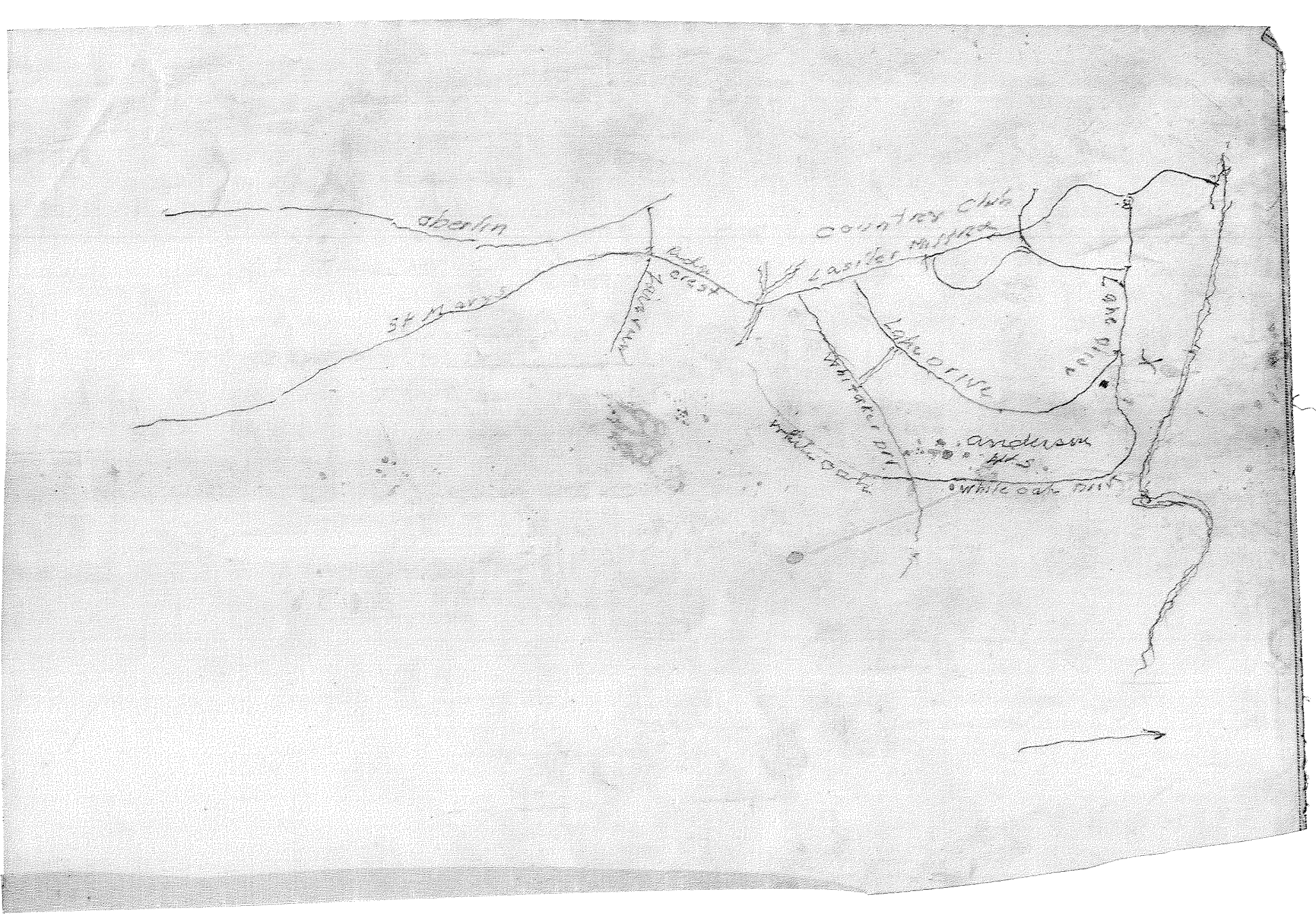
Beginning at a point in the Smithfield road Samuel Watts & Bagwells corner, this point is marked by pointers and is 40 L N.W. from a post oak tree, running S 23¼° W 6.35 ch to a Stake, Thence S 75° W 27.80 ch to a Stake in the center of the Wilmington road, Thence S 12¼° E 10.30 ch with said road to a point opposite a large pine Stadwants & Bagwells corner. Thence S 86¼° W 9.47 ch to a Stake & pointers. Thence N 3¼° E 7 ch to a Stone,

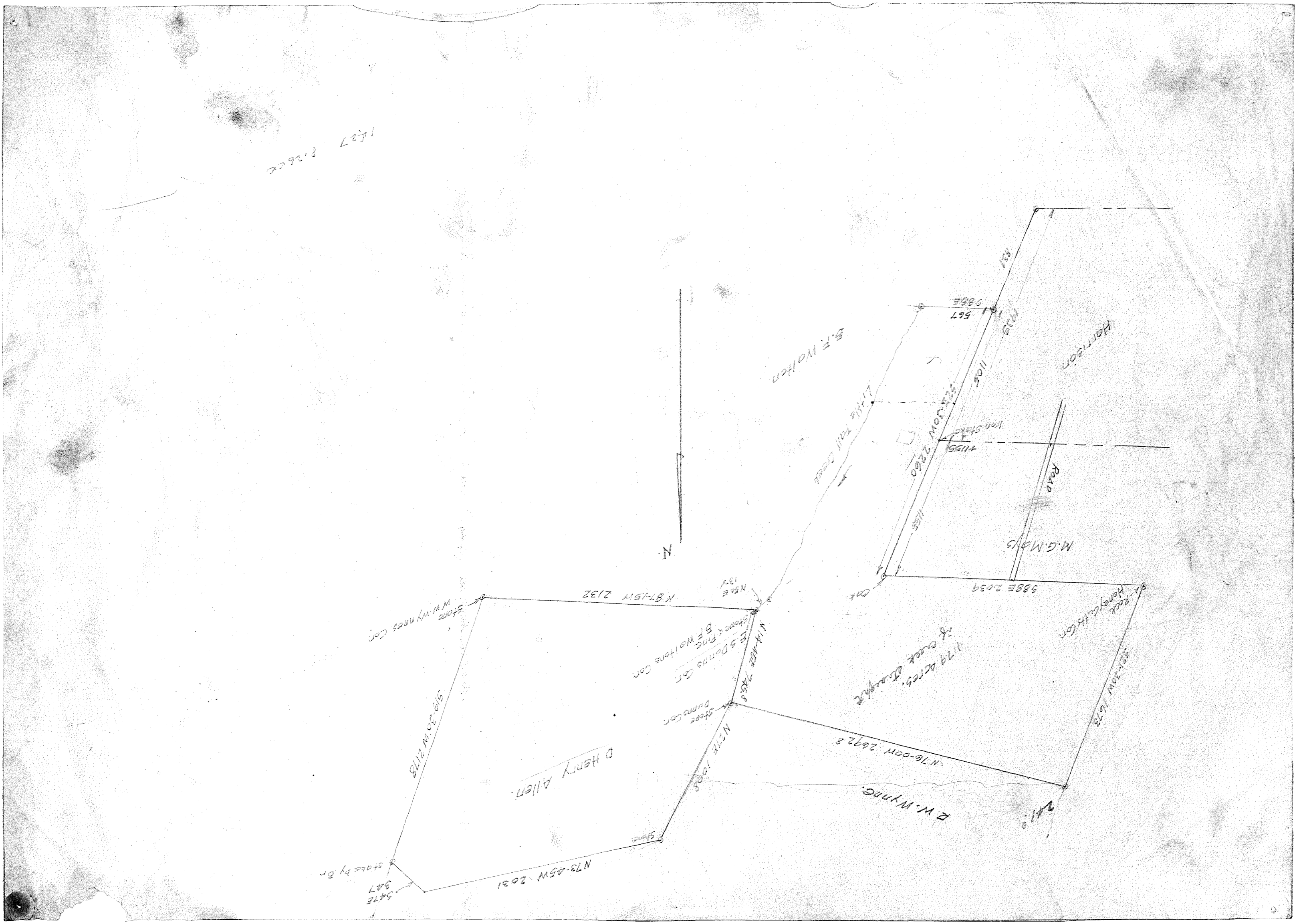
C

Thence S 89¾° W 40.30 ch to a Stake & pointers John Dupree & Bagwells corner Thence N 2¾° E 30.30 ch to a lightwood Stump & J. Watkins & Bagwells corner, Thence S 86¼° E 22.68 ch to a Stone, Thence N 3¼° E 16.65 ch to a Stake in the Center of the Smithfield road marked by a pine & pointers, Thence with the Center of the Smithfield road 17.10 ch to a Stake formerly a Black Jack & a Williams Stadwants & Bagwells corn Thence N 3¾° E 7.72 ch to a Stake & pointers formerly a Black Jack tree, Thence S 86¼° E 1 chain to a Stone and pointers, Thence S 21¼° E 14.25 ch to the Center of the Smithfield road Thence with said road 27.65 ch to the beginning, Containing 191 acres

Joseph Blake Surv

Survey of the Hardy Bagwell Heirs for Hobgood Nov 29th 1895.


Shalimar
St Marks
Country Club
Lassiter Manor
Lake Drive
Anita Drive
Anderson
Whitecap Dr.


N.
Stone
N 73-45W 20.31
Stake by Br
S472E
947
S19-30W 21.03
Stone
D Henry Allen.
Stone
Stone Pump Cor
N 25E 10.08
N 14-45E 7.45
Stone & Pine
E. Wathens Cor
N 87-15W 21.32
Stone
W W Wynns Cor
N 56E
13.4
E. F. Wathen
Cedar Hall Creek
N 76-00W 26.92
E. W. Wynne.
241°
1179 acres
& Creek Meadows
S 88E 20.39
Oak
M. G. Mays
Road
N 85
Iron Stake
S 23-30W 22.60
+ 11.85
S 21-30W 16.73
Rock
Honeysuckle Cor
Hamilton
N 39
1105
S 23-30W
567
S 88E

State College Station
Raleigh, North Carolina
January 5, 1946

Mr. J. C. Higgins, Jr., Division Attorney
American Telephone and Telegraph Company
1139 Hurt Building
Atlanta 3, Georgia

Dear Mr. Higgins:

We have received your letter of December 21, 1945, with accompanying map and detailed estimate of the cost of relocation of your cable line to be paid by Mr. Cline. This estimate calls for $4289.16, plus certain common labor work and purchase of necessary rights of way by Mr. Cline.

We have gone over this estimate carefully and have had measurements of the present line made on the ground; these measurements and locations are shown on the attached print. You will note that the total length of the line across Mr. Cline's property is the same as given by the description in the deed for this right of way, but the location of the line does not appear to be in accordance with this description. Mr. Cline's property at this location is bounded on the north by Crabtree Creek and on the south by Beaver Dam Creek; he does not own the land on the south side of Beaver Dam Creek.

It is the opinion of Mr. Cline that the above estimated cost, the work to be done by him, and the purchase of rights of way south of Beaver Dam Creek run the cost so far beyond the difference in the selling price of the lots crossed by your present line and the selling price of the same lots with the cable line removed, he feels it might be to our advantage to let the line remain as is.

If the line remains in its present location, we would like to know if lowering it a few feet or filling over a few feet (say 3 to 4 feet in either case) at the street crossing would be feasible. If this is feasible, could you give us the cost per foot of this operation, common labor work to be done by Mr. Cline? We are now grading the streets, but skipping over those portions now occupied by the cable line.

We will appreciate as early a reply from you as may be convenient.

Very truly yours,

C. L. Mann, Consulting Engineer

CLM:EBM
Enc.

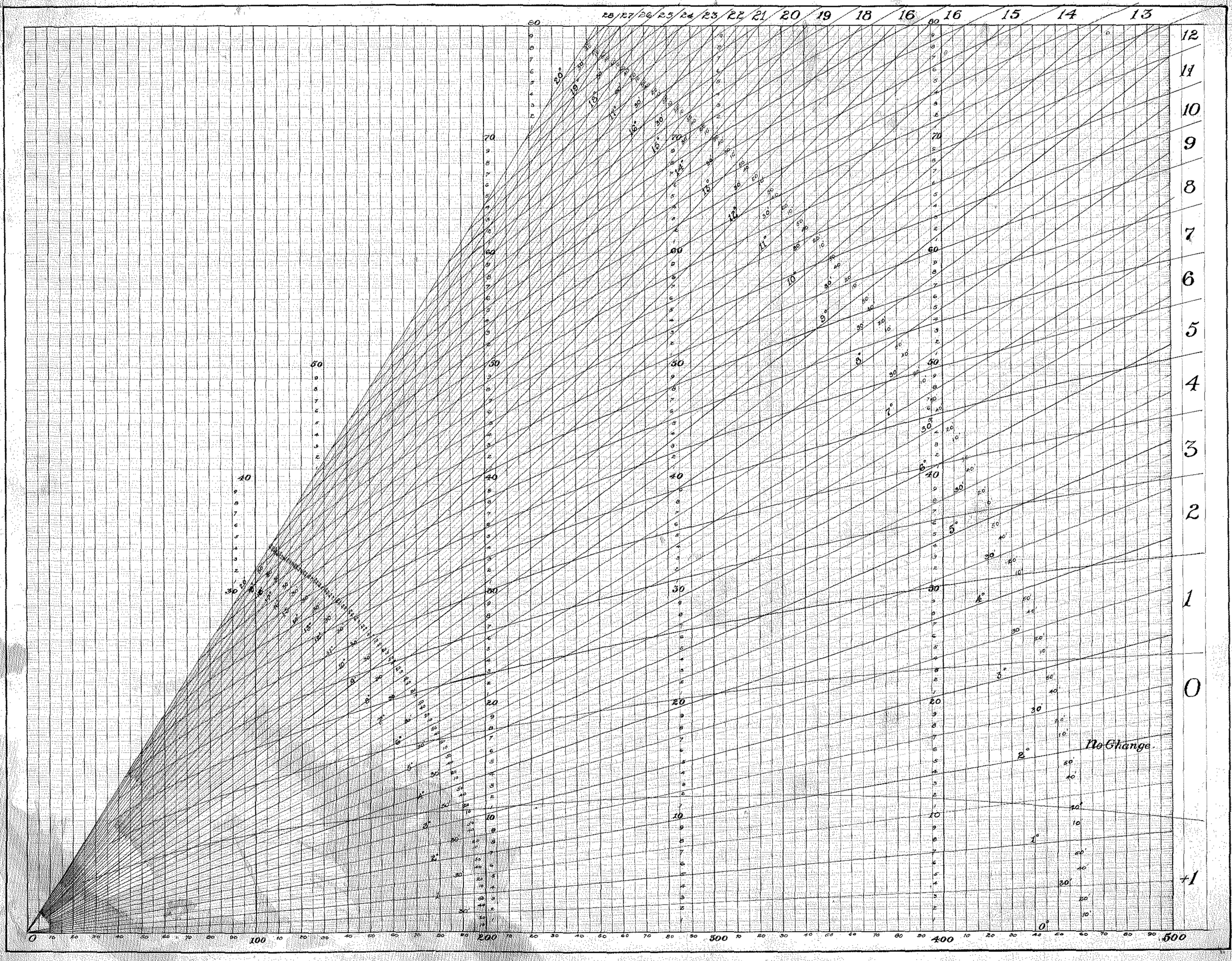
1 2 3 4

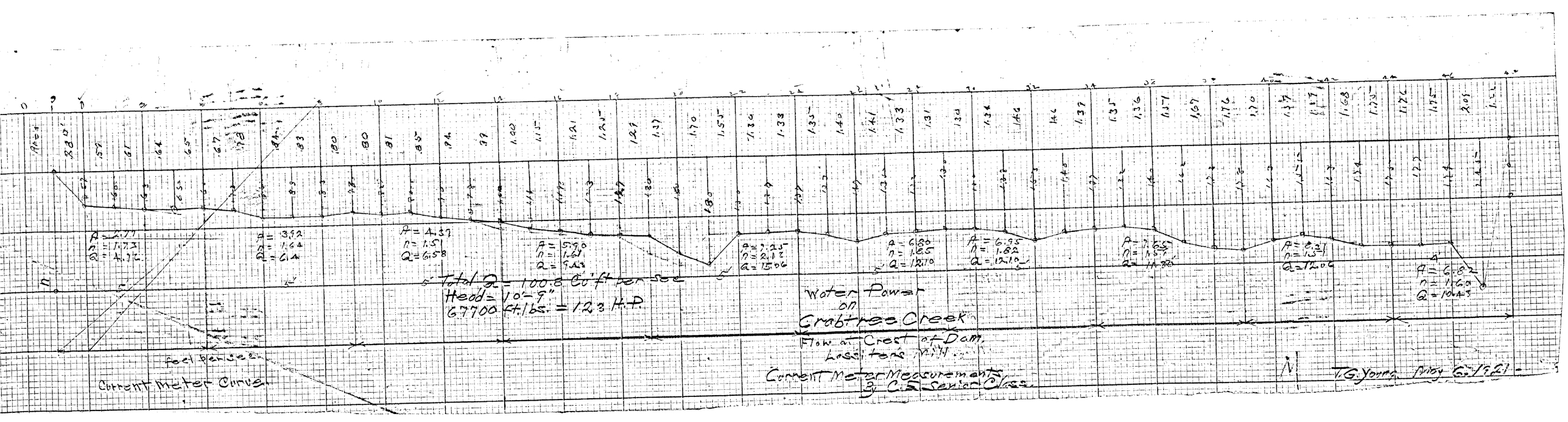
5 6 7 8

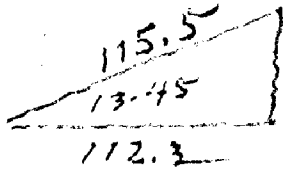
9 10 11 12

13 14 15 16

Numerals for
Filing Cabinet


28 27 26 25 24 23 22 21 20 19 18 16 16 15 14 13
12
11
10
9
8
7
6
5
4
3
2
1
0
+1
No Change.
0 10 20 30 40 50 60 70 80 90 100 10 20 30 40 50 60 70 80 90 200 10 20 30 40 50 60 70 80 90 300 10 20 30 40 50 60 70 80 90 400 10 20 30 40 50 60 70 80 90 500

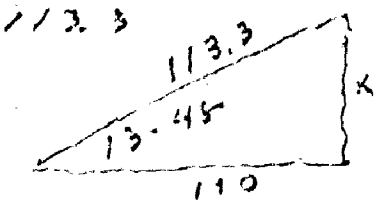

A = 2.77
n = 1.73
Q = 4.76
A = 3.92
n = 1.64
Q = 6.4
A = 4.37
n = 1.55
Q = 6.58
A = 5.90
n = 1.62
Q = 9.43
A = 7.23
n = 2.12
Q = 15.06
A = 6.80
n = 1.65
Q = 12.70
A = 6.95
n = 1.82
Q = 12.10
A = 7.65
n = 1.55
Q = 11.82
A = 8.37
n = 1.55
Q = 12.06
A = 6.82
n = 1.60
Q = 10.43
Total Q = 100.8 Cu ft per Sec
Head = 10'-9"
67700 Ft lbs. = 123 H.P.
Water Power
on
Crabtree Creek
Flow at Crest of Dam
Lassiter Mill
Current Meter Measurements
by C.E. Senior Class
Current Meter Curves
feet per sec.
N
T.G. Young, Proj. Engr. 1921



$\tan 13-45 = \frac{x}{112}$

$x = 112(\tan)13-45$

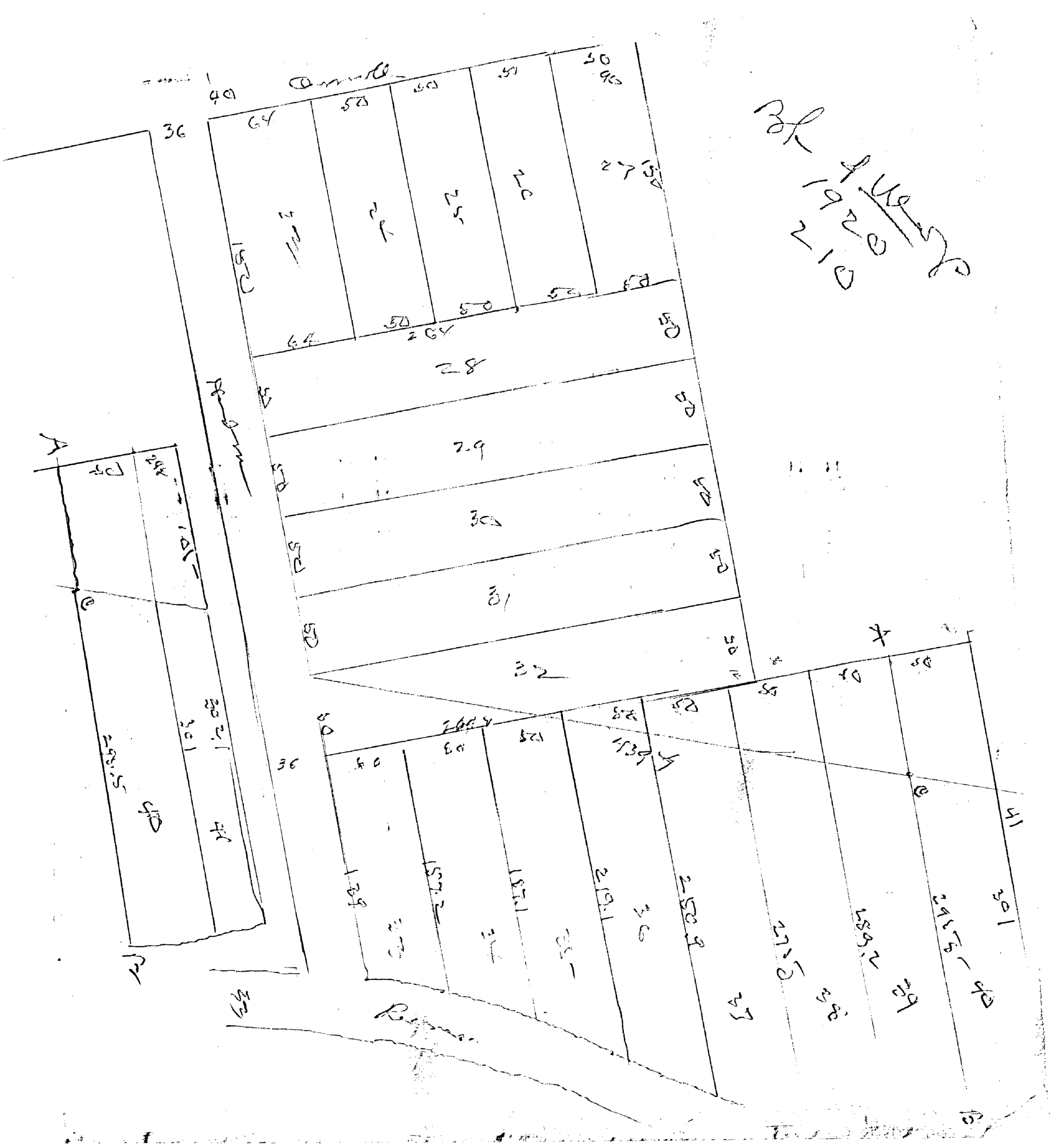
$x = 112(.2447) = 27.4$

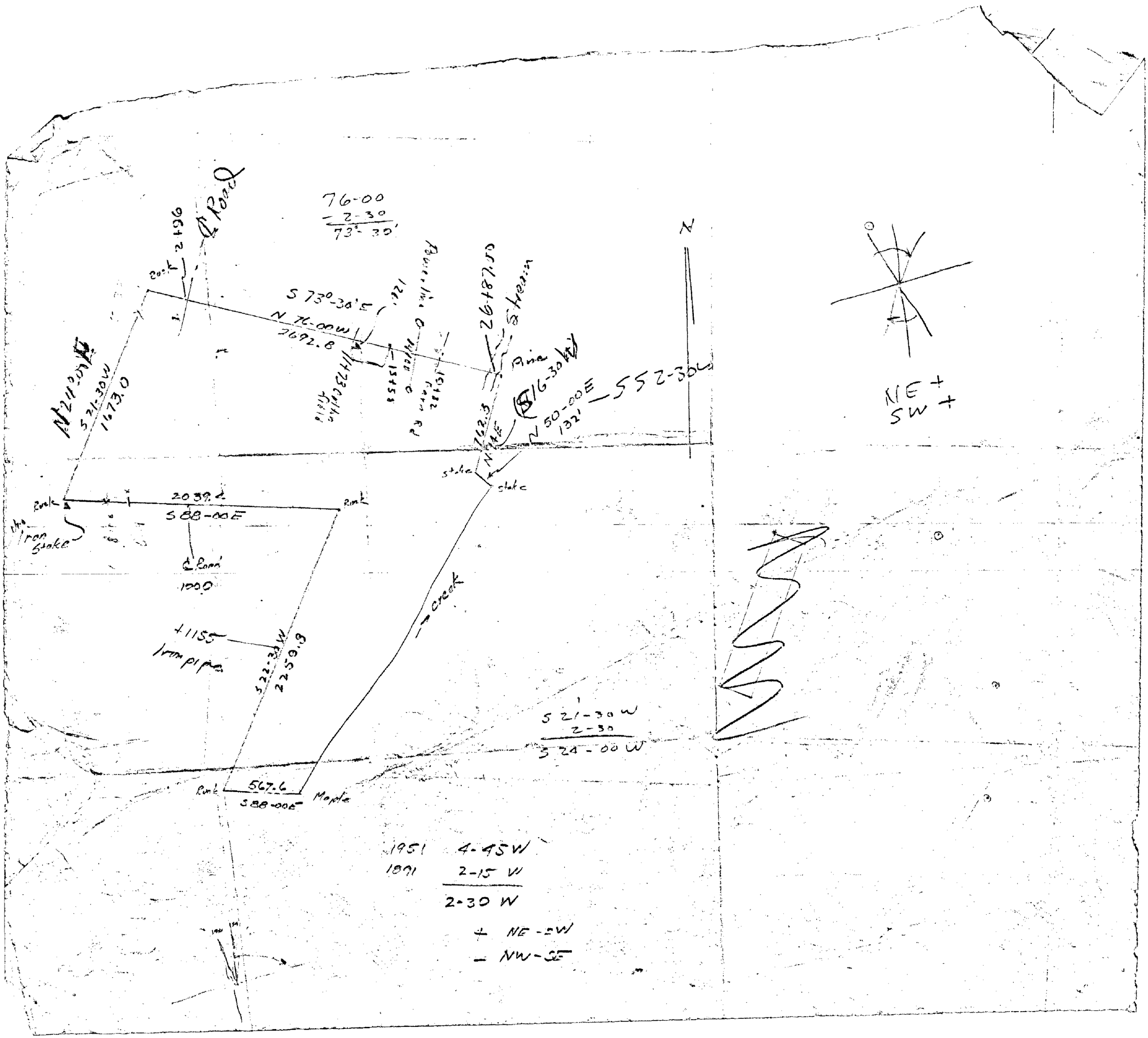


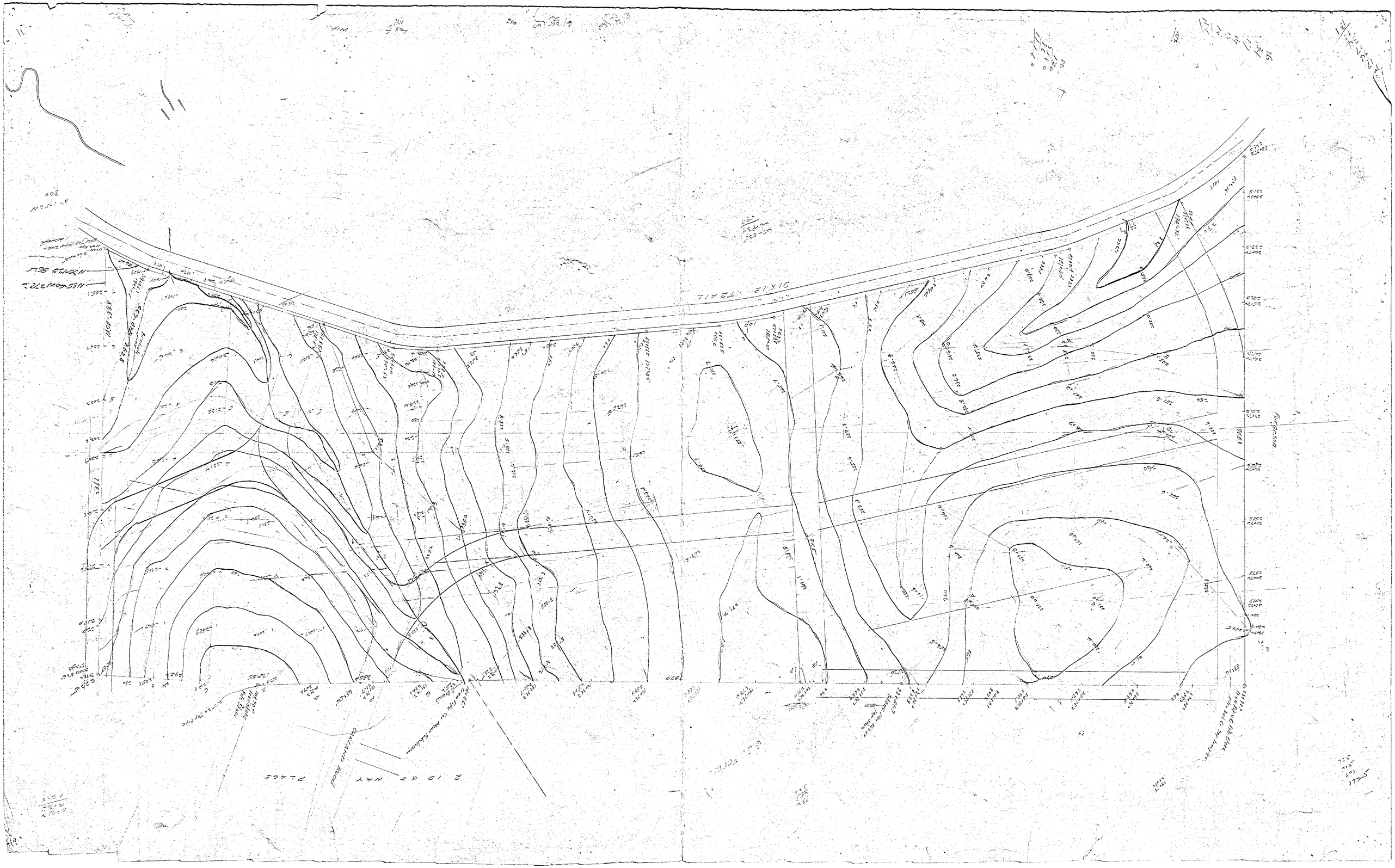
$\tan 13-45 = \frac{x}{110}$

$x = 110(\tan)(13-45)$

$x = 110(.2447) = 24.61$




Road
76-00
-2-30
73°-30'
S 73°-30'E
N 16-00W
2692.8
26-18?.??
Stream
N 16-30E
N 50-00E
132'
S 52-30W
N 24-30W
1673.0
Rock
2039.2
S 88-00E
Rock
Iron Stake
℄ Road
1000
+1155
Iron pipe
S 22-30W
2259.9
creek
S 21-30 W
2-30
S 24-00 W
Rock
567.6
S 88-00E
Monte
Iron Stake
Iron Stake
N
NE +
SW +
1951 4-45W
1991 2-15 W
2-30 W
+ NE-SW
- NW-SE



Time

		Galusa	Newsom	Hilton
Mon. June 26		5.5	5.5	
Tue	7 27	7.0	4.0	4.0
	28		5.0	5.0
	29		7.0	
	30		5.0 --	2.5
		5.5	2.5	11.5

Sold 2 ½ Acres.

N.

N86°W 1866

+394 Land Rd

Iron Stake on Line S of Large Oak

Iron Pipe (old) Pile & Oak Pts.

+2176 ℄ Old Rd

+1261 Marked Oak

S 60° E 2663

+1131 Old Iron St Booker's Cor 3' Left of Line

+725 St. N Side Rd

+750 St. S Side Rd

N 41° E 1245

+ Stone on Rock Line (old)

Iron Pipe (old)

+ 1687 St on Line

+1000 St on Line

+700 ± Iron Pipe Cor Woods

N 85° W 1470

+200 St on Line

+700 St on Line

+1200 St on Line

Iron Pipe & Stone 18" Oak Pt.

S 5° - 15 W 1224

S 5° - 10 W 1600

Iron Stake

S15-30E 100

Iron Stake J. L. Wilkes Cor.

V 735 L 07 W 58

500 S 38½ - 10 E

Pile Stump Iron Stake

550 S 5° - 20 W 463.5

+468.5

+513.5

+600 ± Rd

S 5° 20 E 210

S 5° 20 W 105

N 61° - 10 W 512

N 61° - 10 W 512 Iron Stake

N 51° W 512 Iron Stake

233

N 42° - 15 W

N 37° - 15 W

N 37° E 310

Iron Pipe (old)

KT CC Mangum Dwl

(To) Pool

+228 Mrs Stone's Cor Fence Post

Mrs Stone's Lot

1875

S 83° - 30 E

Square Iron (old) Rock Mrs Stone's Cor

N 84° - 50 W 1020

+1369 Iron Stake (old) on Line

Iron Stake (old)

Fence Cor (Maple)

N 37° - 15 W 310

Iron Stake L. P. Neal's Stone Rd (Old)

N 37° - 15 W 1454

1.5 on Line

+ 809 ℄ Old Rd

+1923 ± Iron Stake (old)

1 Story Frame Dwl

2 Story Dwl

N 81° 15 E 57

S 25° - 15 E 1405

Iron Stake Bank Road

N 55° - 30 E 1381

+1367 Marked Pine

+1500 St on Line

+1526 Marked Poplar Pt of Line

N 42° - 30 E 1997

+1581 Stake on Line

Iron Pipe (old) Oak & Pine Pts.

+1342 ℄ Road

+ 917 Stake on Line

+1300 St on Line

+1743 St on Line

+418 Booker & House Cor Iron Stake

+1244 - 18" Pine 1' Lt.

+ 692 Pile Stone Pine Poplar & Gum Pts

N 28° - 40 W 1233

Iron Stake 1' S. of Wire Fence.

N 62° 30 E 1380

S 49° - 30 W 1380

N 85° E 240

+ 1300 ± Iron Pipe Cor

C. C. Mangum

3.441
770
4.431 = 30.9917

137.3 acres

Need 113.5 / 1.5 / 148.5

3|5.614
1.871
1.5
7.35
1.871
28.06

300.00

3.1416
9
28.2744

Needed x 15 x 90000 / 43560

1" = 300'

R. W. WYNNE JR.

Traverse line along south side of county road

N80½W 550'
N16½W 522'
N88½W 830'
S88½W 364'
N6½W 355'
N82W 238'

line of old road

Fence Post

Straight barbed-wire fence

573' N28-30E

LP-30

large, marked pine stump with waves attached. LP+

5385 90°

D. HENRY ALLEN EST.

744' N16-30E

wire fence

iron stake

132' N52-30E

N44½E 200'
N44E 139'
N42½E 121'
N17W 200'
N0½W 182'
N23½E 140'
N1E 160'
N5W 200'
N7½E 162'
N29E 30'
N22E 95'
N67½E 233'
Due E 71'
N49E 86'
N40½E 106'
N70E 103'

error of closure = 70' (scaled)

N

Magnetic North 1951

All
Note: Bearings ~~on road lines and creek courses~~ are magnetic 1951.

Survey completed Oct. 20, 1951

Wooden stakes in every 200' except along fence or line.

Large, flat rock

2039.4'
S85-30E

Fence

iron stake

S25W 1605'

N17-30E 1144'

M. G. MAYS

235 a

1882

iron stake +1155'

G. B. HARRISON

Planted rock showing 1951 and iron stake (1951)

567.6'
S85-30E

WALTON

Old rock stone 30" S of fork road and iron stake (1951)

S26W

Line by offset based upon 88' of 1673

S34W

247 acres

137.3 acres
Grass.

3.1416
2
6.2832

Sewer Manhole
Elev. Top 383.23
" Bottom 379.43

Sewer Manhole
Elev. Top 376.58
" Bottom 374.00

SEABOARD AIR LINE R.R.

SOUTHERN R.R.

TOP OF CUT

TOP OF SLOPE

½ BOTTOM OF SLOPE

TOP OF CUT

DUNN AVENUE 20 FT. PAVED

SLOPE TO SEABOARD AIR LINE R.R.

BOTTOM

Floor Level 370.0

EDGE CUT TENNIS COURTS

20 Ft. DIRT ROAD

Sewer Manhole
Elev. Top 368.25
" Bottom 348.75

Sewer Manhole
Elev. Top 342.72
" Bottom 340.88

340.3 Top Sewer Pipe (Exposed)

Scale 1"=30

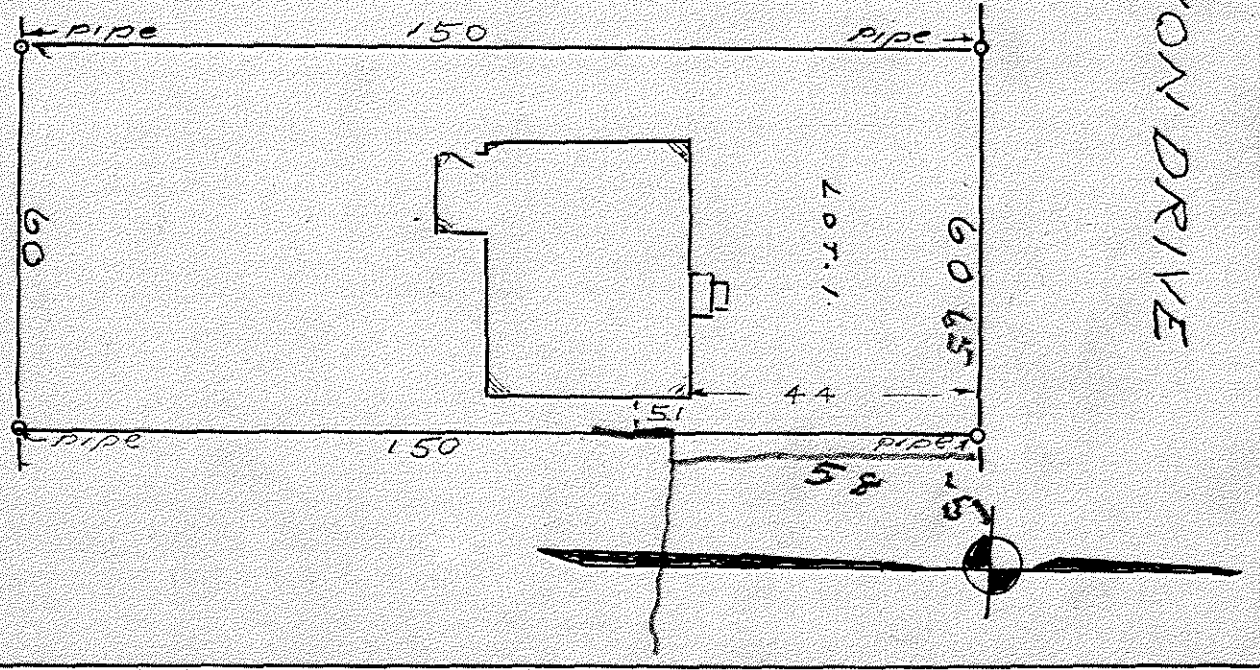
Fuquay Springs
Paved Road
To MP1 1200 ft.
Dr Davis Dwl.
Dwl Rose Stephens
Owned by Lessie Scott
Daisy Balentine
Daisy Balentine
6" Maple

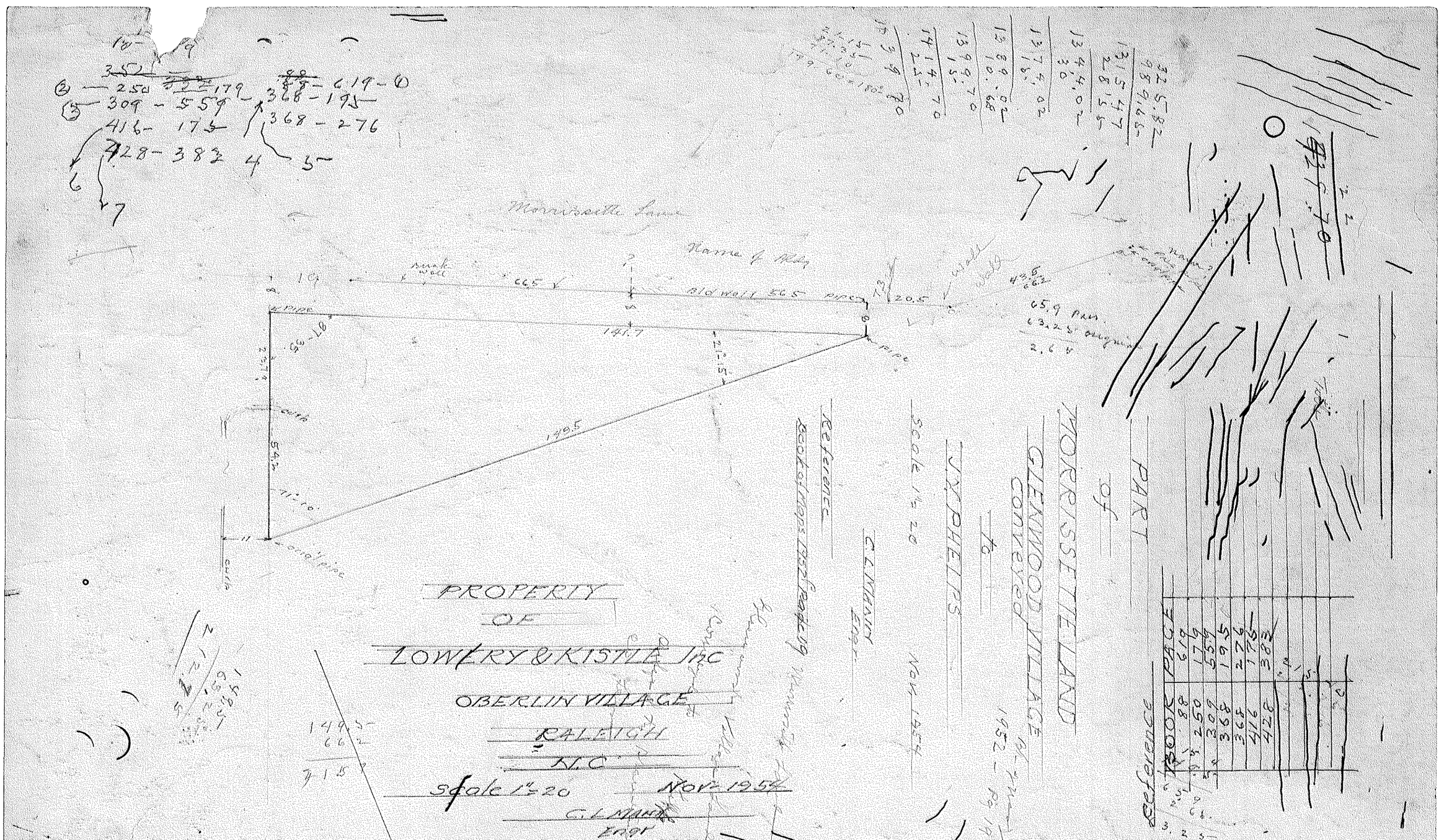
LOT NO-1

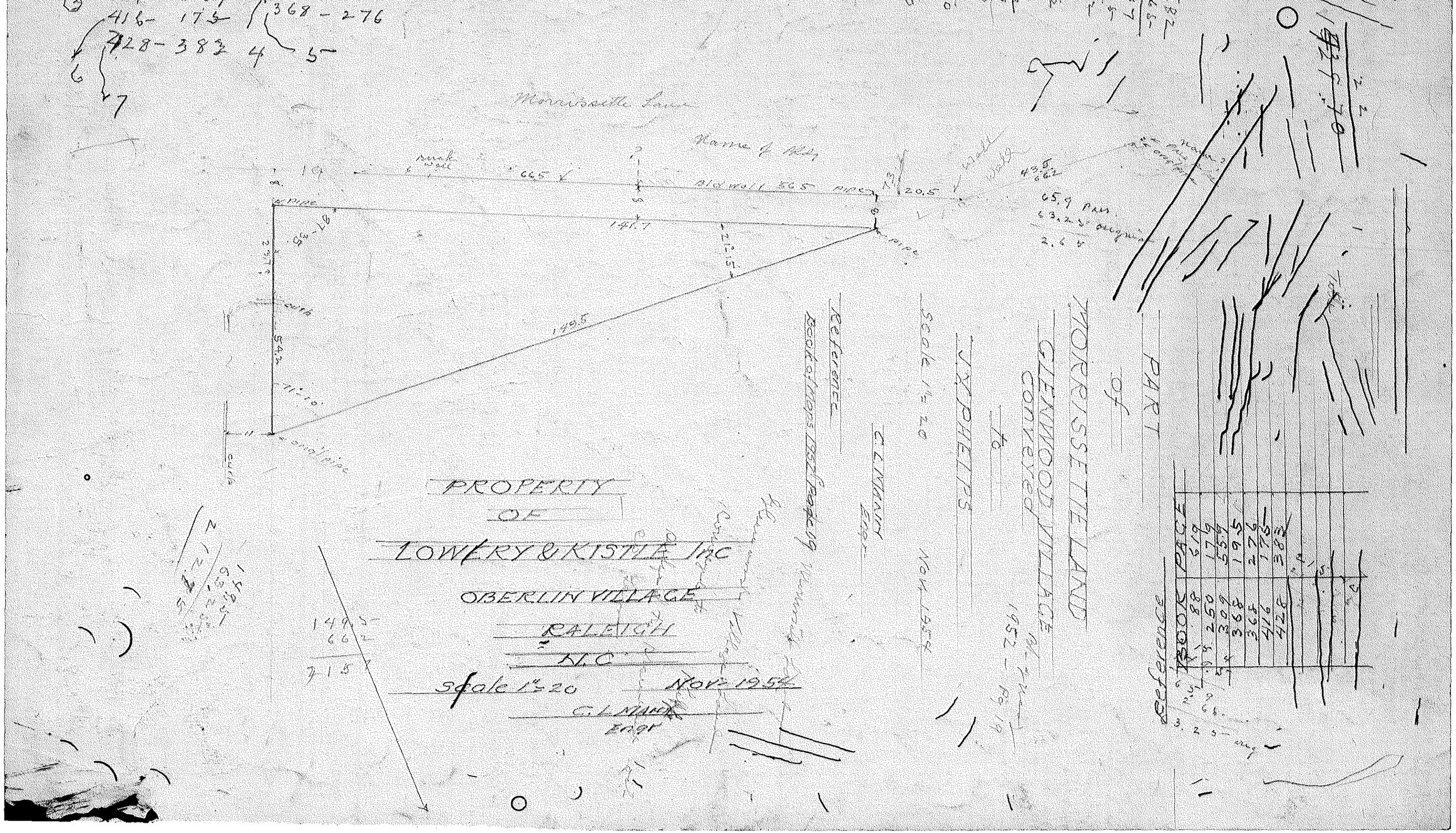
PARTS
—of—
VILLA PARK
—and—
VANGUARD PARK

Scale 1" = 30' May 55

— C. L. MANN —
Engr




Morrisette Lane
Name of Alley
PROPERTY
OF
LOWERY & KISTLE INC
OBERLIN VILLAGE
RALEIGH
N.C.
Scale 1" = 20
NOV 1954
G.L.MANLY
ENGR.
PART
OF
MORRISSETTE LAND
GLENWOOD VILLAGE
CONVEYED
TO
SYMPHEIPS
Scale 1" = 20
NOV 1954
G.L.MANLY
ENGR.
References
Book of Maps 1951 Page 109 Wake Co. Reg.
Curb
Pipe
Brick Wall
Wood
Fence
Corner
Iron Pipe
Concrete
Edge of Pavement


PROPERTY
OF
LOWERY & KISTLE INC
OBERLIN VILLAGE
RALEIGH
N.C.
Scale 1"=20
Nov. 1954
C.L. MANN
ENGR.
Morrisette Land
Glenwood Village
Conveyed
To
Typhoeps
Scale 1"=20
Nov. 1954
C.L. Mann
Engr.
Reference
Book of Maps 1952 Page 19
PART
OF
BOOK 2000 PAGE 308

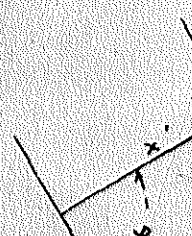
No 2 GUY

No 1 GUY

No. 3 GUY

Line of observation for No 1

STA



N22-45W 190.7

Pin in ditch

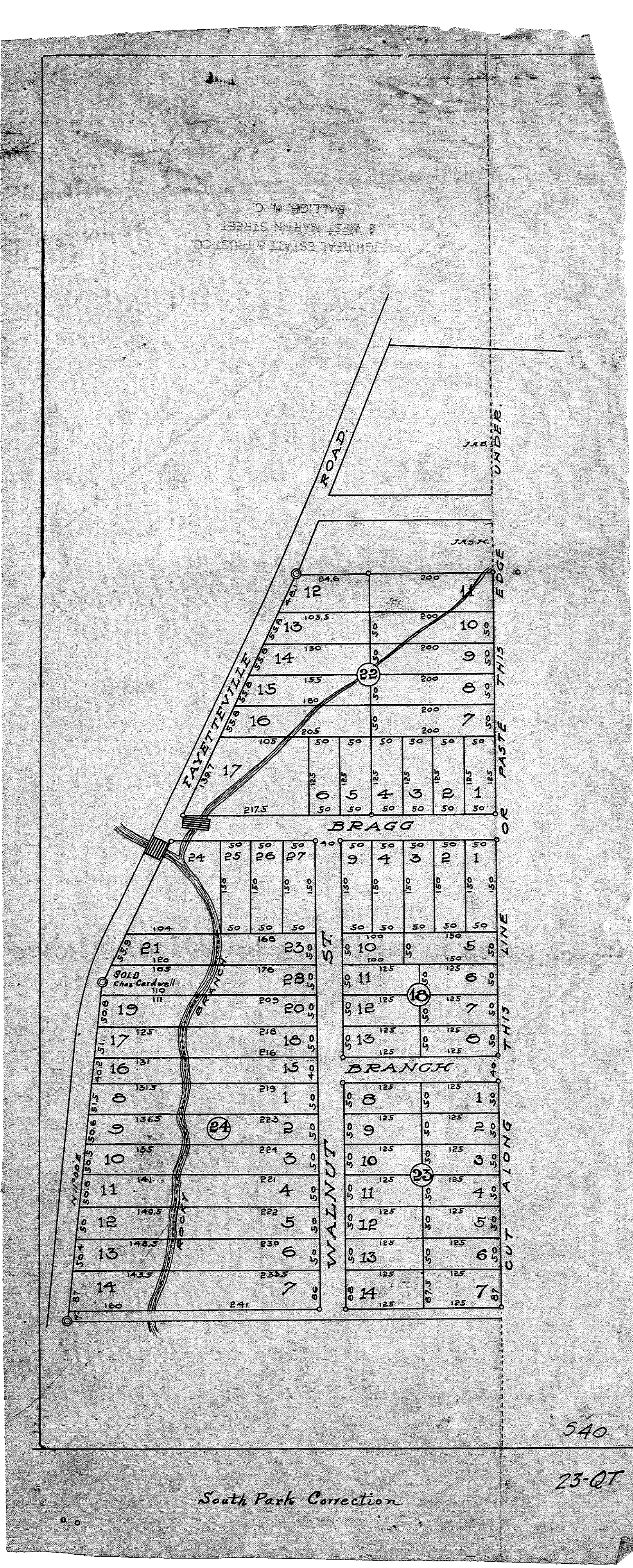
N52-45E 201.0 with ditch

S72-00W 195.24

S22-45E 257

White Oak

2-12-2
1368
4540


ROAD.
UNDER.
EDGE
THIS
FAYETTEVILLE
BRAGG
OR
PAST
LINE
THIS
ALONG
CUT
WALNUT
ST.
BRANCH
BRANCH
SOLD
Chas Cardwell
N 11°00' E
84.6
200
105.5
130
155
180
205
217.5
139.7
104
168
176
209
218
216
219
223
224
221
222
230
233.5
241
160
143.5
140.5
141
131.5
136.5
105
120
103
110
111
100
150
125
40
87
87.5
12
13
14
15
16
17
24
25
26
27
9
4
3
2
1
10
5
6
11
18
7
8
23
28
20
19
21
22
540
23-QT
South Park Correction