
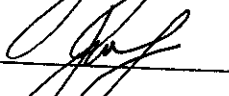


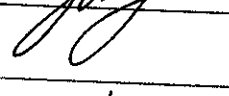

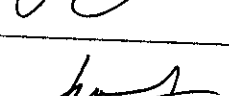
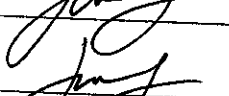
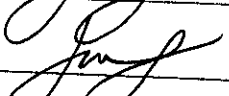




Drain: FRANK HUFFMAN Drain #: 190  
 Improvement/Arm: \_\_\_\_\_  
 Operator: J. LIVINGSTON Date: 1-29-04  
 Drain Classification: Urban/Rural Year Installed: 1930

**GIS Drain Input Checklist**

- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors

**Gasb 34 Footages for Historical Cost  
Drain Length Log**

Drain-Improvement: FRANK HUFFMAN

Drain Type:	Size:	Length ( )	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	20"	2700'	2700'		8. <sup>00</sup> / <sub>11</sub>	21,600. <sup>00</sup>
OPEN DITCH	—	1240'	1240'		19. <sup>55</sup> / <sub>11</sub>	24,242. <sup>00</sup>
ARM 3 - TILE	12"	568'	568'		4. <sup>00</sup> / <sub>11</sub>	2,272. <sup>00</sup>
ARM 4 - TILE	12"	751'	751'		4. <sup>00</sup> / <sub>11</sub>	3,004. <sup>00</sup>
* ARM 5 - TILE		2540'	2540'		N/A	N/A

Sum: 7,799' 7,799' \$51,118.<sup>00</sup>

Final Report: \_\_\_\_\_

Comments:

\* ARM 5 CONSISTS OF 5", 6", 8", 10" AND 12" TILE ACCORDING TO THE MAP. THE LENGTHS OF EACH PIPE SIZE ARE NOT KNOWN

23849<sup>0</sup>-409

Examined & approved  
JUL 25-1930  
Fred E. Hines  
Judge.

FILED

JUN 10 1930

J. P. Thomas  
CLERK HAMILTON CO.

STATE OF INDIANA )  
                          ) SS  
HAMILTON COUNTY

No. 23849.

IN *Hamilton Circuit* COURT.

IN THE MATTER OF THE PETITION

OF *Frank C. Huffman*, ET AL.

FOR THE PURPOSE OF *To Construct*..... DRAIN,

Report of Drainage Commissioners and Engineer,

To the Honorable *Judge of Hamilton Circuit Court*,

We the undersigned Commissioners of Drainage and the Engineer, to whom the

above entitled petition for Drainage of certain lands in *Wayne*.....  
*and Stony Creek Township, Madison County, Ind.*,  
Township, Hamilton County, Indiana, was referred,

We would respectfully report that we met in the Auditors Office, on the *19th*  
day of *March*... 1930, qualified and proceeded to View said Drain and lands  
effected thereby.

After a careful investigation of the condition of said Drain, we are of the  
opinion that said Drain should be repaired and in the manner set out in this  
report and that the same when completed will improve the public health and will  
reclaim certain lands, and will be a public utility, and will benefit highways,  
also that the cost of constructing, damages and expenses of effecting said  
Drain will be less than the benefits to the lands effected by said Drainage.  
That we definitely determined the best and cheapest method of effecting the  
Drainage of such lands, we have fixed the route, location and character of said  
proposed work and have fixed the same by metes and bounds, courses, distances,  
descriptions and guides and Bench Marks, for a complete outlet for the Drain-  
age of said lands effected by said proposed work ; that we divided the Ditch  
into Sections of not more than 100 feet in length by setting stakes at each  
100 feet.

The work will be staked out by the Engineer and his stakes must be carefully preserved and followed. The digging of each and every portion of the Ditch must be at its outlet, or its junction with another Drain towards its upper end. The ditch to be dug along one side of the line of survey's stakes, and sufficient distance from not to disturb them, and shall be dug in a straight and clean manner. In taking out the last draft the blade of the spade must not go deeper than the grade line. The ditch must be dug accurately and true to the grade at the depth indicated by the figures given by the Engineer, measuring from the grade stakes. The laying of the tile must begin at the lower end and proceed up stream. The tile must be laid as closely as practicable and in a line free from crooks, the pieces being turned about until the upper closes, unless there is sand or fine silt which is likely to run into the tile, in which case the lower edge must be laid close and the upper side covered with clay or other material.

When making turns or by other unavoidable reason a crack of one-fourth ( $\frac{1}{4}$ ) inch or more is necessarily left, it must be securely covered with broken pieces of tile or by other indestructible material. Junctions with branch lines must be carefully and securely made.

After the tile have been laid and inspected by the Engineer or his representatives, they must be covered with the earth excavated from the trench, or borrowed clay or soil. Where said trench does not afford sufficient material, and in no case less than two (2) feet in depth over the tile in new cuts, and where said drain is in an open channel the filling shall be to a depth of not less than Two (2) feet above the top of the tile, for the full width of said channel, in no case must the tile be covered with sand without other material being first used, and in no case will boulders or heavy rock be allowed in the filling if they may in time come in contact with the tile.

The ditch contractor must assume all risk from caving in of the ditch, and when each drain is complete it must be free from sand and mud before it will be received and paid for in full, In case it is found impracticable, by reason of bad weather or other unlooked for trouble in digging the ditch or properly laying the tile, to complete the work specified in the contract, the time may be extended as mutually agreed upon by the contractor and the Engineer.

The contractor shall use all necessary precautions to secure his work from injury while he is constructing the drain.

All tile and material used in the construction of this drain and its tributaries thereto, included in the requirements of these specifications, shall be first class in every respect and subject to rigid inspection by the Engineer,

The Engineer shall have authority to lay out and direct the work, and to inspect and supervise the same during the construction and completion to see that it is properly done in accordance with the specifications and contract, and his instructions shall be fully carried out.

#### CONCRETE WORK.

Unless otherwise specified all concrete work included in these specifications shall be a mixture of 1- 2- 3 ; One part Portland Cement, Two part Sand and Three part Gravel.

The sand and Gravel to be free from dirt, loam and other foreign matter, The cement, Sand and Gravel to be thoroughly mixed while dry until it presents an even shade of coloring throughout, then made into a moderately wet mortar, and be immediately placed in the forms for moulding the concrete into shape. The forms for all concrete work shall be neatly constructed free from strong materials and shall be true to lines, dimensions and shape given for the different structures.

LOCATION,

MAIN DITCH, Begin 925 feet South and 18 feet East of the Northeast Corner of the Southeast quarter of Section 17, Township 19 North, Range 6 East, (Hamilton County, Ind.) at Station 0 Run Thence North 47 degrees and 15 minutes West to Station 3; Thence 5 degrees to Right to Stake 8; Thence 25 degrees Left to Station 18; Thence 15 degrees Left to Station 23 + 65; Thence 20 degrees Left to Station 26 + 75; Thence 47 degrees Left to Station 31 + 83; Thence 50 degrees Right to Station 36 + 35; Thence 40 degrees Right to Station 39 + 40, End of Ditch, Being 574 feet West and 390 feet North of the Southeast Corner of the Northwest quarter of Section 17, Township 19 North, Range 6 East

ARM No. 1, Begin 318 feet North and 16 feet East of the Southeast Corner of the Northeast quarter Section 16, Township 19 North, Range 6 East, (Madison County, Ind.) at Station 0 Run Thence North 74 degrees West to Station 9 + 50; Thence South 78 degrees West to Station 20 + 82; Thence South 83 degrees and 30 minutes West to Station 29; Thence South 40 degrees West to Station 32 + 59; Thence South 1 degree West to Station 40; Thence South 44 degrees and 30 minutes West to Station 45; Thence West to Station 50 + 57; Thence South 86 degrees West to Station 58 + 78; Thence West to Station 61; Thence North 60 degrees West to Station 63 + 53; Thence North 40 degrees West to Station 64 + 73, This point is Station 0 on Main Ditch.

ARM No. 2, Begin 883 feet North of the Southeast Corner of the West-half of the Southeast quarter of Section 16, Township 19 North, Range 6 East, Madison County, Ind. Which point is Station 0, Run Thence West to Station 13 + 33; Thence North 40 degrees West to Station 21 + 32; Thence North 73 degrees West to Station 23 + 60, This Station is 45 on Main ARM No. 1.

ARM No. 3, Begin 865 feet West and 16 feet South of the Southeast corner Southwest quarter of the Southeast quarter of Section 16, Township 19 North, Range 6 East, Madison Co which point is Station 0, Thence Run West on South side of Road to Station 19 + 40; Thence 68 degrees Right to Station 24 + 19; Thence 28 degrees and 35 minutes Left to Station 29 + 16; Thence 13 degrees and 10 minutes Left to Station 37 + 80; Thence 55 degrees Right to Station 42 + 24, This Station is 0 + 37 on Main Ditch.

ARM No. 4, Begin 90 feet South of the <sup>NE Cor of SE 1/4 of NW 1/4</sup> ~~corner~~ of Section 16, Township 19 North, Range 6 East, Madison County, Ind. Which is Station 0, Run Thence South 87 degrees West to Station 14 + 60; Thence South 60 degrees West to Station 20 + 48; Thence South 89 degrees and 30 minutes West to Station 23 + 86; Thence South 39 degrees West to Station 29 + 30; Thence South 57 degrees West to Station 31 + 88; Thence South 25 degrees West to station 32 + 32; Thence South 54 degrees West to Station 35 + 68; Thence 37 degrees and 30 minutes West to Station 37 + 60; Thence 66 degrees West to Station 40 + 10, This Station is 8 + 28 on Main Ditch.

Arm No. 5, Begin 110 feet North and 16 feet East of the Southeast Corner of the Northeast quarter of Section 17, Township 19 North, Range 6 East, Hamilton County, Ind. Which is Station 0, Run Thence South 87 degrees and 30 minutes West to Station 3 + 70; Thence 24 degrees and 30 minutes Left to Station 6 + 90; Thence 9 degrees and 18 minutes Right to Station 11 + 85; Thence 38 degrees Left to Station 14 + 63; Thence 82 degrees and 30 minutes Left to Station 18; Thence 66 degrees and 35 minutes Right to Station 20 + 64; Thence 40 degrees and 15 minutes Right to Station 25 + 40, This is Station 19 + 5 on Main Ditch.



Open portion of said Ditch to be constructed by excavating all the Earth, Mud, Slush, Boulders, Rocks and stone from the bed of the Ditch, to the depth and width shown on the tabulated statements of Cuts and ~~Fix~~ Widths, Said tabulated statement is hereby made a part of this report. All materials excavated shall equally <sup>be</sup> distributed on both banks by alternating the lifts, and shall be ~~de~~<sup>e</sup> deposited not nearer than three feet from the break of the banks ( meaning the line as indicated by the slopes with the general elevation of the ground) and leveled to a depth not to exceed 3 feet, Said material not to be left in heaps or piles, And where the Ditch crosses the Old channel, the earth excavated from the new Ditch, shall be used to make a levee on the lower side of the line of Ditch across said Old channel, to prevent overflow from New channel down the Old channel, Said levees shall be made by the contractor, and shall be to the height of two feet above the natural ground of the abutting banks of said New ditch, and Four feet wide on top.

And such places as the Old channel is not beyond the limit of reach of the boom of the machine, the earth excavated shall be deposited in the Old channel, provided further in the event the adjoining land owner wishes to take advantage of filling the low Places, then such earth excavated shall be deposited in conformity with said land Owners wishes.

Said Ditch shall be cut true to the line of widths, and grade given by this Report, and shall have side slopes of 1 to 1 or 45 degrees.

All trees, stumps, Briars, and weeds to be cut, grubbed and removed from the banks for a distance of two rods on each side from the center line of the Ditch,

### REQUIREMENTS.

MAIN DITCH, to consist of one Row of 20 inch Tile from Station 0 to Station 27, and an Open Ditch 3 feet wide in bottom with side slopes of 1 to 1 or 45 degrees, from Station 27 to Station 39 + 40,

At Station 27, shall be built a Concrete and boulder Header, as per Plans attached,

At Stations 0+37, 8+28, and 19+5, there shall be a 12"X20" Wye Connections,

ARMS No. 1, 2, 3, 4, and 5, We deem said Arms to be sufficient by the making of a few Repairs, as Provided in the Estimated Cost,

All that portion of the New Drain to be bid upon as a whole, including Excavation, Labor, apparatuses, Materials necessary to complete the Drainage as specified,

All repair work shall be bid upon by the unit price, but the work for the New drain of the 20" tile and the open part shall be bid upon in a lump sum.

Frank C Huffman Drain,

Sta,	Ground Cut,	Cu.Yds,
0	5.39	
1	5.29	40
2	5.14	39
3	4.90	37
4	4.74	36
5	3.74	31
6	4.24	30
7	4.54	32
8	4.44	33
9	4.24	40
10	4.64	41
11	4.94	44
12	4.84	45
13	4.94	45
14	4.47	44
15	4.89	43
16	4.34	43
17	4.74	43
18	4.94	45
19	4.82	45
20	4.77	44
21	4.57	43
22	4.67	43
<del>23</del>	<del>4.23</del>	<del>41</del>
24	4.23	41
24	5.17	44
25	4.32	44
26	4.57	41
27	4.20	<i>Title to Here</i> 39
28	5.02	<i>Open portion</i> 150
29	5.17	<i>3' Wide in Bottom</i> 153
30	5.12	" 155
31	5.12	" 153
32	5.17	" 155
33	4.72	" 148
34	3.38	" 106
35	6.08	" 136
36	3.73	" 143
37	3.58	" 44
38	3.08	" 40
39	3.13	" 30
39 + 40	3.28	" 15

Estimate Cost of Construction including,  
 Material, Labor, Hauling, etc., necessary for completion of the work  
 in accordance with the Plans and Specifications,

Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Station .....	to Station .....	\$ .....
Total,		\$ <u>3346.95</u> <del>2689</del> <u>657.95</u>

Estimate expense, including,

Attorney Fee .....	\$ .....	
Recording & Releasing, .....	\$ .....	
Legal Printing, .....	\$ .....	
Superintendent of Construction, .....	\$ .....	
Court expenses etc., .....	\$ .....	
Contingency fund, .....	\$ .....	
Total,		\$ <u>581.00</u>

We claim for services, expenses & mileage, to Date for;

<i>L.M. Stultz</i> .....	Drainage Commissioner,	\$ <u>15.00</u> .....
<i>Saaford Baughan</i> .....	Viewer,	\$ <u>15.00</u> .....
<i>J.S. Skannan</i> .....	Engineer & Helpers,	\$ <u>128.50</u> .....
Total,		\$ <u>158.50</u>

Grand Total, \$ 4086.45

FRANK C. HUFFMAN DRAIN. (1).

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Geo. W. Schuyler	9A. out of SW Cor. SW. $\frac{1}{4}$ SW. $\frac{1}{4}$	15	19	6	9	00	9	00	29	70	29	00		
John H. Schuyler	4A. out of NW Cor. NwW. $\frac{1}{4}$ SW. $\frac{1}{4}$	15	19	6	4	00	4	00	13	20	12	00		
W.H. & Nellie Thomas	17 A. out of SE. $\frac{1}{4}$ SE. $\frac{1}{4}$	16	19	6	17	00	17	00	74	80	68	00		
Marion Simmerman	39 A. out of NE. $\frac{1}{4}$ SE. $\frac{1}{4}$	16	19	6	39	00	39	00	128	70	117	00		
Frank C. Huffman (DO)	E $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$ S $\frac{1}{3}$ of N $\frac{1}{2}$ NW $\frac{1}{4}$	16	19	6	40	00	40	00	220	00	200	00		
Edward G. Huffman	W $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$	16	19	6	40	00	40	00	220	00	200	00		
Arthur B. & Minnie L. Huffman (DO)	SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$	16	19	6	40	00	40	00	220	00	200	00		
Lucinda J. Passwater	5A. out of SW Cor NW $\frac{1}{4}$ NE $\frac{1}{4}$	16	19	6	5	00	5	00	16	50	15	00		
Annice Hair	6A. out of Cent. Pt NW $\frac{1}{4}$ NW $\frac{1}{4}$	16	19	6	6	00	6	00	13	20	12	00		
Samuel H. & Edna Busby (DO)	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Pt. SW $\frac{1}{4}$ NW $\frac{1}{4}$	16	19	6	40	00	40	00	220	00	200	00		
Samuel H. Busby	SE $\frac{1}{4}$ NE $\frac{1}{4}$	17	19	6	35	00	35	00	319	00	290	00		
Jefferson & Mellie McClintock (DO) (DO) (DO)	1A. out of SW. Cor SW $\frac{1}{4}$ NW $\frac{1}{4}$ 8A. off N. Side NW $\frac{1}{4}$ SW $\frac{1}{4}$ N. Pt. NE $\frac{1}{4}$ SE $\frac{1}{4}$ 10A. off N. Side NW $\frac{1}{4}$ SE $\frac{1}{4}$	16	19	6	1	00	1	00	8	80	8	00		
		16	19	6	8	00	8	00	48	20	42	00		
		17	19	6	29	00	29	00	478	50	435	00		
		17	19	6	10	00	10	00	77	00	70	00		

FRANK C. HUFFMAN DRAIN.

(2).

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Wm. A. & Lizzie Simmerman	Central Pt. NW $\frac{1}{4}$ SW $\frac{1}{4}$	16	19	6	26	30	26	30	202	51	184	10		
Wilbur O. Moore	5.33A. off S. Side NW $\frac{1}{4}$ SW $\frac{1}{4}$	16	19	6	5	33	5	33	46	90	42	64		
(DO)	SW $\frac{1}{4}$ SW $\frac{1}{4}$	16	19	6	35	00	35	00	269	50	245	00		
(DO)	10A. out SE. Cor. NW $\frac{1}{4}$	17	19	6	10	00	10	00	5	50	5	00		
Geo. & Alma Anderson	SE $\frac{1}{4}$ SW $\frac{1}{4}$	16	19	6	40	00	40	00	220	00	200	00		
	NE $\frac{1}{4}$ SW $\frac{1}{4}$	16	19	6	40	00	40	00	220	00	200	00	400	00
Marietta Simmerman	1 $\frac{1}{2}$ A. out of NW. Cor. NE $\frac{1}{4}$ NE $\frac{1}{4}$	21	19	6	1	50	1	50	4	95	4	50	4	50
Marion & Marietta Simmerman	8A. off N. Side NW $\frac{1}{4}$ NE $\frac{1}{4}$	21	19	6	8	00	8	00	26	40	24	00		
(DO)	35A. off N. Side 3NE $\frac{1}{4}$ NW $\frac{1}{4}$	21	19	6	35	00	35	00	115	00	105	00		
Susan Crossley et al	18A. off N. Side NW $\frac{1}{4}$ NW $\frac{1}{4}$	21	19	6	18	00	18	00	79	20	72	00	72	00
Paul R. Sheller	3A. out NE. Cor. SE $\frac{1}{4}$ SE $\frac{1}{4}$	17	19	6	3	00	3	00	19	80	18	00	18	00
A. B. Huffman	S. Side NE $\frac{1}{4}$ NE $\frac{1}{4}$	17	19	6	22	00	22	00	96	80	88	00	88	00
Wm T. & Lillie Busby	30A. off S. Side SW $\frac{1}{4}$ NE $\frac{1}{4}$	17	19	6	30	00	30	00	330	00	300	00	300	00
Walter A. Bordner & Wf.	8A. out NE. Cor. SW $\frac{1}{4}$	17	19	6	8	00	8	00	4	40	4	00	4	00
	<i>Benefit to public Highway</i>													
Madison County	1-N&S Between	15	16	19	6						10	00		
Do	1-E&W "	16	21	19	6						50	00		
Do	1/2 County Line W. side	16	19	6							50	00		
Hamilton County	1/2 Co line E side	17	19	6							50	00		

STATE OF INDIANA )  
HAMILTON COUNTY ) ss

We the undersigned Viewers and Engineer, to whom was referred the above entitled petition for report, after being duly Sworn upon Oath say that we have personally examined the whole line of said proposed Ditch, that the assessments herein made and reported are correct, just and equitable to all parties herein as interested, That no other lands will be benefitted or injured by said proposed Drain, and that the above and foregoing is true in substance and in fact as we verily believe.

*Stanford Baughan*  
.....

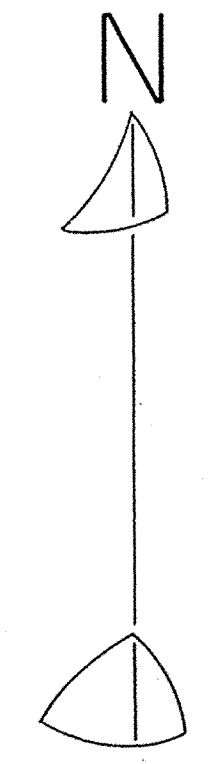
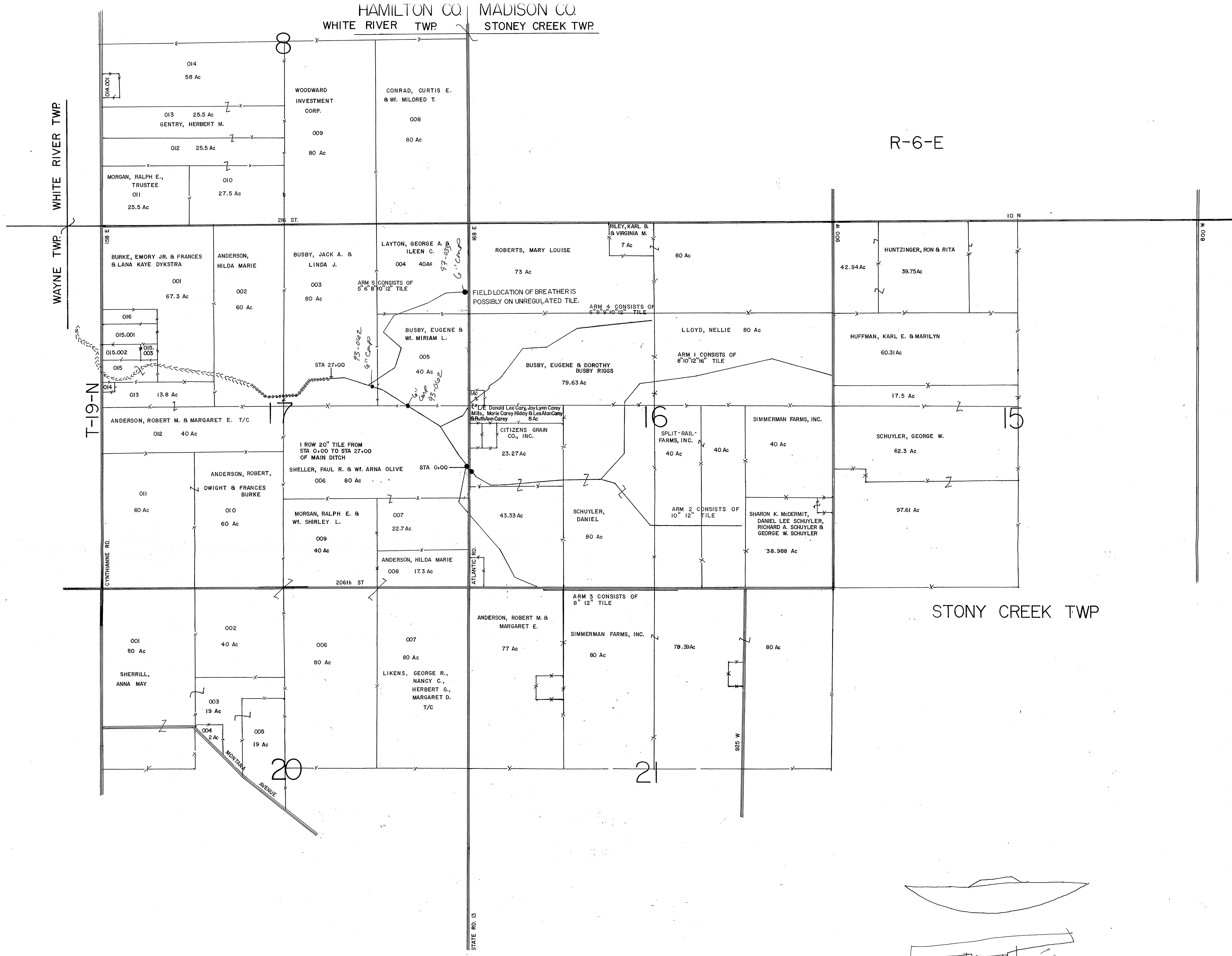
*L. M. Stutts*  
.....  
Viewers.

*J. E. Shannon*  
.....  
Engineer.

Subscribed and Sworn to before me this ....day of ..... 19 .

.....  
of Hamilton County.

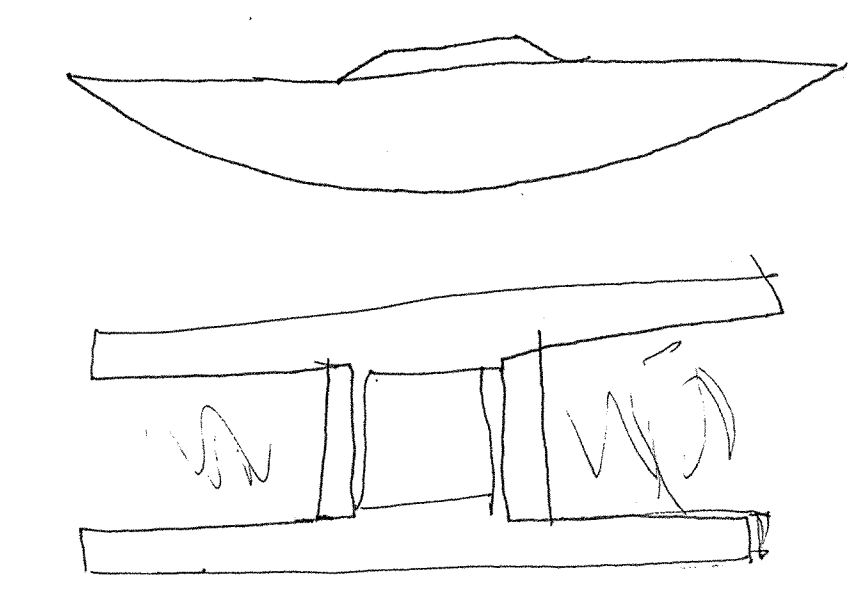
DRAWN BY: Frank C. Huffman #190  
 PLAN HOLD CORPORATION • IRVINE, CALIFORNIA  
 REVISION NUMBER: 000A



INDEX

- ROAD
- NATURAL DRAIN
- PRIVATE DRAIN
- OPEN DRAIN
- TILE DRAIN
- APPROXIMATE DITCH LINE
- PROPERTY LINE
- AERIAL PHOTOGRAPHS USED 218-220
- CATCH BASIN
- HEADWALL

PREPARED BY  
 ROGER COOPER  
 JULY 3 1975  
 APPROVED BY



FRANK C. HUFFMAN DRAIN

SCALE: 1" = 660'