

04-326105

LAYOUT _____ INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 9/22/76

APPROVAL DATE: 10/4/76

PERMIT INDEXED

P 23949

A 517934-A

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

_____ IS PERMITTED TO INSTALL ☐ ALTER ☐

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: _____ LOT NUMBER: _____

ADDRESS: 778 WEST WATERSVILLE ROAD PROPERTY OWNER: CAROLYN RATLIFF

SEPTIC TANK CAPACITY (GALLONS): _____ OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED ☐

NUMBER OF BEDROOMS: _____

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: _____

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	
NOTES:	

PLANS APPROVED: _____ DATE: _____

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

BUILDING PERMIT SIGNED

AND RETURNED

9/26/2002 BDO138610 CONCRETE SLAB W/FOOTING

23949

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 4th

DATE 9/22/76

Gerald Dyanan

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 860 Cabin John Parkway, Rockville, Md.

PHONE 340-0369

A SEWAGE DISPOSAL SYSTEM LOCATED AT

778

760 Block Across From
Mailbox #772

SUBDIVISION

ROAD West Watersville Road LOT 11

PROPERTY OWNER Cliff Ratliff

ADDRESS Works at Howard County Police Department

SPECIFICATIONS 3 bedroom

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 80%.

OTHER DRY WELL AND TRENCH - Dry well to be 12 ft. x 12 ft. sq. area, 10 ft. deep.
Inter to dry well no deeper than 4 ft. set block and top for 10 ft. diameter.
Leave 5 ft. earth buffer between trench and dry well. Trench to be 22 ft. long,
10 ft. deep, with 6 ft. gravel under distribution pipe. locate dry well 150 ft.
from front property line and 80 ft. off right property line. Trench is to run
with contour of the ground.

NOTE: CALL FOR INSPECTION OF TRENCH BEFORE PLACING STONE IN TRENCH.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6-INCHES

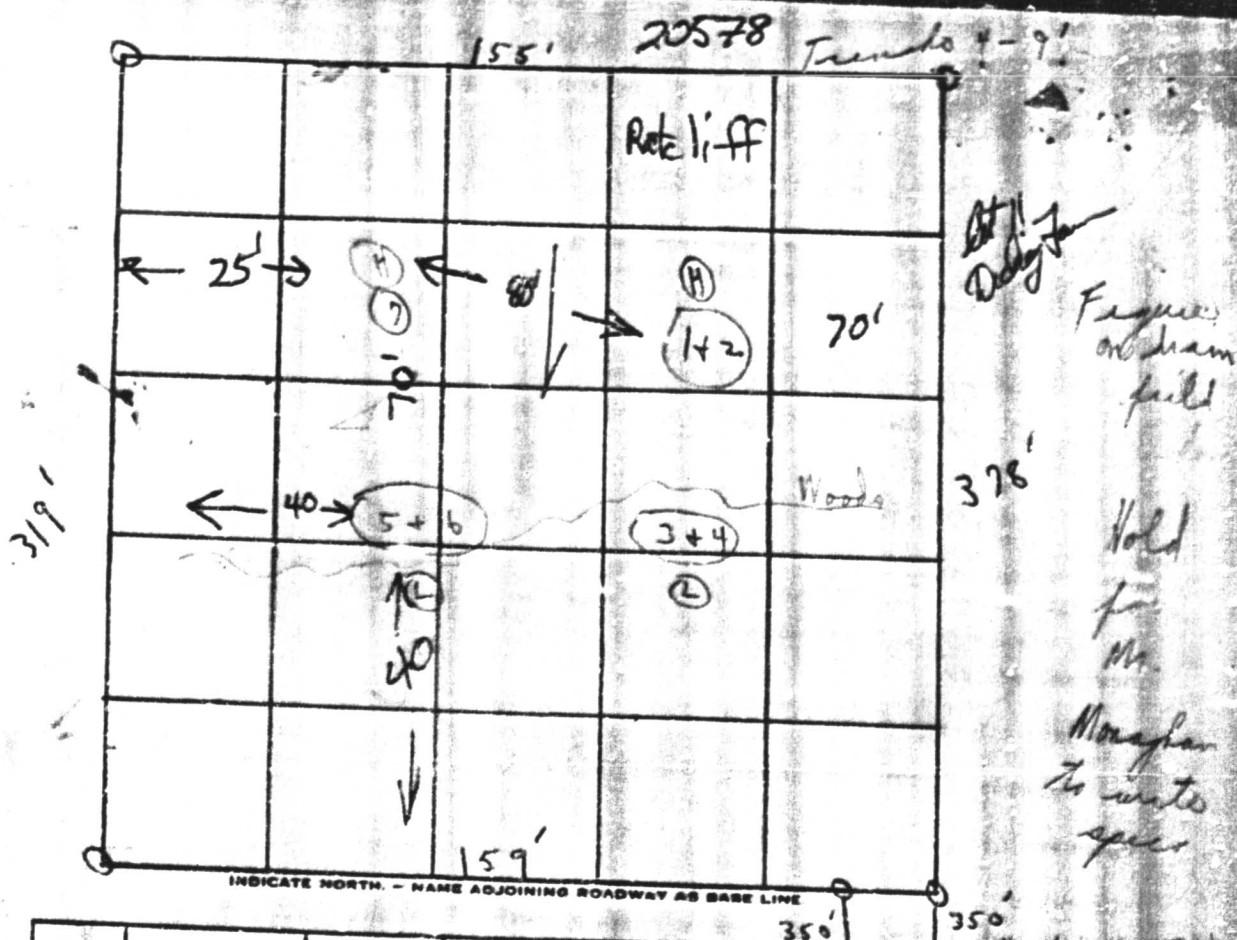
PLANS APPROVED BY Charles B. Stronker DATE 5/19/76

IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

20378



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/10/74	1	5' s	1:33	1:45	1:45	2:12	27m
	(H) 2	12' d	1:34	1:36	1:36	1:41	5m
	3	5' s	2:34	2:34	2:34	2:34	0m
	(L) 4	12' d	2:30	2:32	2:32	2:36	4m
	5	5' s	2:02	2:08	2:08	2:17	9m
	(L) 6	12' d	2:18	2:20	2:20	2:24	4m
	(H) 7	(10 1/2' Visual)	similar to 1+2				
	→ B'	6'	2:37	2:45	2:45	3:05	20m

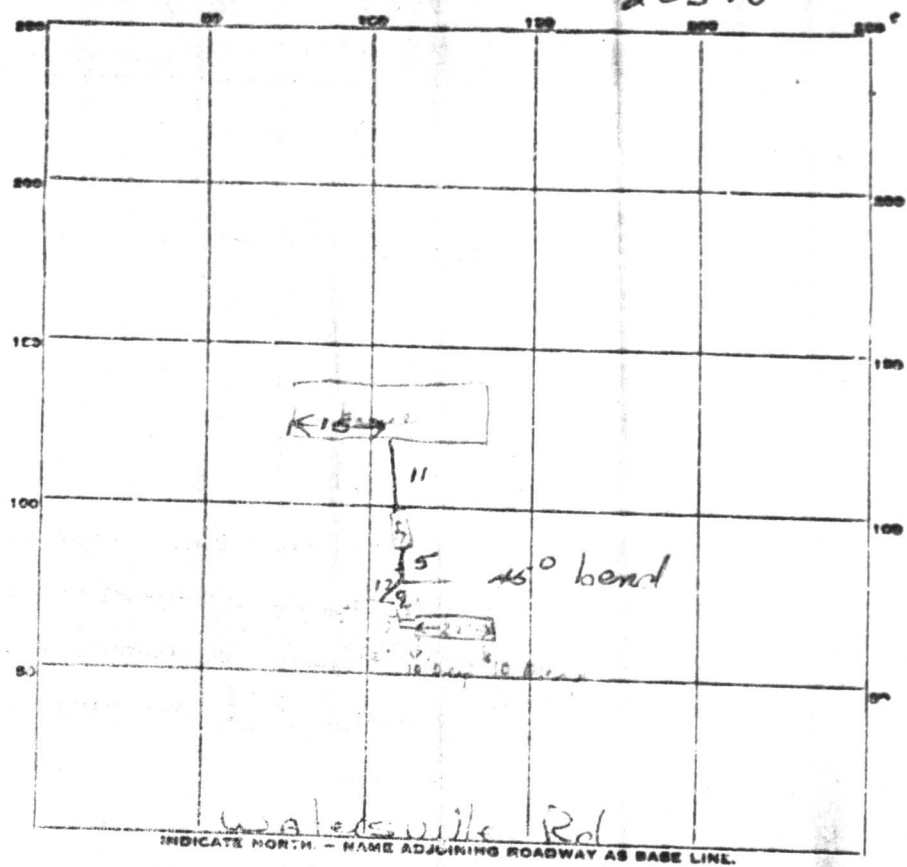
REMARKS: Clear & sunny (cutting holes)

TYPE OF SOIL: Sh + Sh

TESTED BY: C. K. L.

ALSO PRESENT: H. V. K. + Co

20578



franklin

PERMIT CARD 12/16, 7/29, 10/4/76 franklin
SEPTIC TANK, LEVEL 1000 gpk CLEAN CUTS S.T. #1 PW
DISTRIBUTION BOX, LEVEL Trench
TRENCH, DEPTH 10 FT. TRENCH WIDTH — FT.
GRAVEL DEPTH 8 ± IN. TOTAL LENGTH 22 FT. ① 176
NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA —
SEEPAGE PITS, INSIDE DIAMETER 13 ± IN. DEPTH BELOW INLET 6 ± FT. ② 288
ABSORBENT AREA 464 ± SQ. FT. ③

REMARKS 9/29/76 Partial ok - ok for gravel in trench
cutting trench full over trench 11 to 12 ft. deep
to install - 12 ft. deep, replace with
gravel, ok - 9-29-76 - ok to cover sewer
line from house to S.T. and S.T. to D.W. ok
to cover S.T. (HB) 10/4/76 ④

DATE SYSTEM APPROVED 10/4/76 INSPECTOR C.B. Tucker ⑤

MDR 516 5/71

5351 THIS NUMBER IS TO BE FURNISHED IN COPY 5 OF ALL CARDS	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAVER STATE OFFICE BLDG., ANNAPOLIS, MD. 21401		THIS REPORT MUST BE SUBMITTED IN 30 DAYS AFTER WELL COMPLETION FILL IN THIS FORM COMPLETE
	WELL COMPLETION REPORT		COUNTY <u>20578</u> NUMBER <u>20578</u>

DATE RECEIVED (AREA USE ONLY) <u>4/12/76</u>	DEPTH OF WELL <u>166</u> (TO NEAREST FOOT)	PERMIT NO. FROM PERMIT TO DRILL WELL <u>MD-78-17473</u> 25 26 27 28 29 30 31 32 33 34 35 36 37
OWNER <u>Battler III. Cliff</u> LAST NAME STREET OR RFD <u>5523 - Meunick Carth</u> CITY <u>Baltimore</u> POST OFFICE <u>21208</u>	DRILLER'S IDENTIFICATION NO. <u>454</u>	

WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THE COLOR, DEPTH, THICKNESS AND IF WATER BEARING DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY) <u>15 ft of dirt & 90 ft of sand rock & Flint</u>	FEET FROM TO <table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr> <tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td></tr> <tr><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td></tr> <tr><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td></tr> <tr><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr> <tr><td>81</td><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td></tr> <tr><td>91</td><td>92</td><td>93</td><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td><td>99</td><td>100</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ROUTING RECORD WELL HAS BEEN ROUTED (CIRCLE APPROPRIATE BOX) TYPE OF ROUTING MATERIAL (CIRCLE BOX) CEMENT ☒ BENTONITE CLAY ☐ NO. OF BAGS <u>5</u> NO. OF POUNDS <u>500</u> GALLONS OF WATER <u>50</u> DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM <u>15</u> FT. TO <u>66</u> FT. (ENTER 0 IF FROM SURFACE)	PUMPING TEST HOURS PUMPED (TO NEAREST HOUR) <u>5</u> PUMPING RATE GALLONS PER MINUTE TO NEAREST GALLON <u>1</u> METHOD USED TO MEASURE PUMPING RATE <u>WATER METER</u> WATER LEVEL (DISTANCE FROM LT. OF PUMP) DEPTH PUMPING <u>45</u> MEASURED (FEET) WHEN PUMPING <u>15</u> MEASURED (FEET) TYPE OF PUMPED USED (CIRCLE APPROPRIATE FOR PUMPING TEST) A AIR ☐ P PISTON ☐ T TURBINE ☐ C CENTRIFUGAL ☐ R ROTARY ☐ O OTHER DESIGN BELOW ☐ J JET ☐ S SUBMERSIBLE ☐
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CASING RECORD INSERT APPROPRIATE CODE BELOW STEEL ☐ CONCRETE ☐ PLASTIC ☐ OTHER ☐ MAIN CASING TYPE <u>T</u> NOMINAL DIAMETER TOP MAIN CASING (NEAREST INCH) <u>6</u> TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) <u>18</u>	PUMP INSTALLED TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) <u>31</u> PUMP HORSE POWER <u>37</u> PUMP COLUMN LENGTH (NEAREST FOOT) <u>43</u>
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OTHER CASING (IF USED) DIAMETER (INCH) <u>4</u> DEPTH (FEET) <u>10</u> SCREEN RECORD INSERT APPROPRIATE CODE BELOW STEEL ☐ BRASS ☐ OPEN HOLE ☐ PLASTIC ☐ OTHER ☐	CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) + ABOVE ☐ - BELOW ☒ LAND SURFACE (NEAREST FOOT) <u>2</u>
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LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES MEASUREMENTS TO WELL <u>WATERSVILLE, MD.</u>	DEPTH (NEAREST WHOLE FOOT) FROM <u>15</u> TO <u>166</u> DEPTH (NEAREST WHOLE FOOT) FROM <u>15</u> TO <u>166</u> DEPTH (NEAREST WHOLE FOOT) FROM <u>15</u> TO <u>166</u> DEPTH (NEAREST WHOLE FOOT) FROM <u>15</u> TO <u>166</u>
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CIRCLE APPROPRIATE BOXES ☐ A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ☐ E ELECTRIC LOG OBTAINED ☐ P TEST WELL CONVERTED TO PRODUCTION WELL I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF. DRILLER'S NAME <u>Harry F. Thompson</u> ADDRESS <u>14141</u> SIGNATURE <u>Harry F. Thompson</u>	DIAMETER OF SCREEN <u>38</u> (NEAREST INCH) GRAVEL PACK ☐ IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) ☐ WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING ☐ LOG INDICATOR ☐ OTHER DATA AVAILABLE ☐
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Form 216-6-77

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAINES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT IS TO BE FILED IN THE
WELL COMPLETION REPORTS

TITLE IN THIS FORM ONLY
COUNTY 203 75

DATE RECEIVED
WMA USE ONLY

DEPTH OF WELL

WELL NO. 60-73-1A/3

DRILLER'S IDENTIFICATION NO. 12

OWNER
LAST NAME

FIRST NAME

STREET OR RD.

POST OFFICE

WELL LOG
STATE THE KIND OF FORMATIONS PENETRATED, THEIR
COLOR, DEPTH, TO FACES AND TO WATER BEARING

WELL DESCRIPTION

GROUTING RECORD
WELL HAS BEEN GROUTED
(CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)
CEMENT C MORTAR M OTHER BC

NO. OF BAGS _____ NO. OF POUNDS _____

GALLONS OF WATER _____

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
FROM _____ TO _____

TESTING OF GROUT (CIRCLE BOX)
TESTED TO PROOF SURFACE

CASING RECORD
INSERT (CIRCLE BOX)
SCHEDULE 40 S SCHEDULE 80 CO

TYPE OF CASING (CIRCLE BOX)
STEEL S IRON IR OTHER OT

WELL CASING (CIRCLE BOX)
WELL CASING (CIRCLE BOX)

WELL CASING (CIRCLE BOX)
WELL CASING (CIRCLE BOX)

WELL CASING (CIRCLE BOX)
WELL CASING (CIRCLE BOX)

OTHER CASING (IF USED)
DIAMETER (INCHES) _____

OTHER CASING (IF USED)
DIAMETER (INCHES) _____

SCREEN RECORD
SCREEN TYPE (CIRCLE BOX)
WIRE MESH WM OTHER OT

SCREEN RECORD
SCREEN TYPE (CIRCLE BOX)
WIRE MESH WM OTHER OT

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SCREEN RECORD
SCREEN TYPE (CIRCLE BOX)
WIRE MESH WM OTHER OT

PUMPING TEST

WELLS PUMPED TO NEAREST POINT

PUMPING RATE
GALLONS PER MINUTE TO NEAREST GALLON

METHOD OF MEASURING PUMPING RATE

WATER LEVEL (NEAREST FOOT)

WATER PUMPING

TYPE OF PUMP USED

TYPE OF PUMP USED

TYPE OF PUMP USED

PUMP INSTALLED

TYPE OF PUMP (CIRCLE APPROPRIATE BOX)

WELLER'S NAME (CIRCLE BOX)

WELLER'S NAME (CIRCLE BOX)

WELLER'S NAME (CIRCLE BOX)

WELLER'S NAME (CIRCLE BOX)

WELLER'S NAME (CIRCLE BOX)

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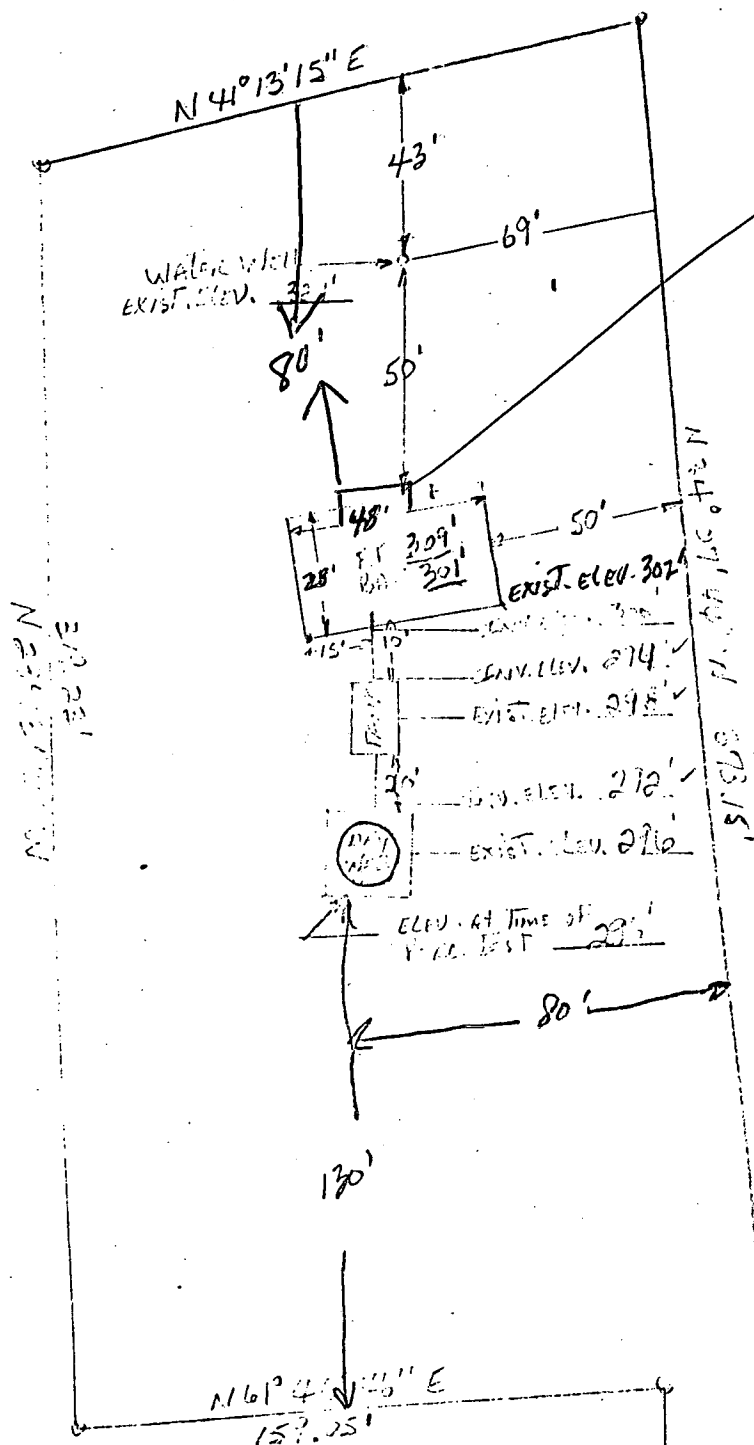
WELLER'S NAME (CIRCLE BOX)

24' casing
24' pipe
6 legs C.
2' case above 24'
4-13-76 OK Ed

CIRCLE APPROPRIATE BOXES
A. WELL WAS ABANDONED AND SEALED, WHEN THE
WELL WAS COMPLETED
B. WELL WAS NOT ABANDONED
C. WELL WAS NOT ABANDONED
D. WELL WAS NOT ABANDONED
E. WELL WAS NOT ABANDONED
F. WELL WAS NOT ABANDONED
G. WELL WAS NOT ABANDONED
H. WELL WAS NOT ABANDONED
I. WELL WAS NOT ABANDONED
J. WELL WAS NOT ABANDONED
K. WELL WAS NOT ABANDONED
L. WELL WAS NOT ABANDONED
M. WELL WAS NOT ABANDONED
N. WELL WAS NOT ABANDONED
O. WELL WAS NOT ABANDONED
P. WELL WAS NOT ABANDONED
Q. WELL WAS NOT ABANDONED
R. WELL WAS NOT ABANDONED
S. WELL WAS NOT ABANDONED
T. WELL WAS NOT ABANDONED
U. WELL WAS NOT ABANDONED
V. WELL WAS NOT ABANDONED
W. WELL WAS NOT ABANDONED
X. WELL WAS NOT ABANDONED
Y. WELL WAS NOT ABANDONED
Z. WELL WAS NOT ABANDONED

Carolyn "Nicky" Ratliff
778 W. Watersville Rd.
Mount Airy, MD 21771

Proposed
Cement Ratio
13' X 18'
w/ 30" Footers



appears ok 5/21/76
C.B.S.

Scale 1" = 50'

Page 1 of 30

Design, the above mentioned T + elevations
are actual + correct for this project.
Signed: () Eric B. Byrnes

Road