



HOWARD COUNTY HEALTH DEPARTMENT

62962

DATE 4-11-18

WS

Received From

PHONE #

410-1789-520

For

Well permits 2720
unpublished

- ☐ CASH
☐ CHECK

NO.

38444

\$

100.00

Dollars

Received By

Ken

C1	48276	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
ST/CO USE ONLY DATE RECEIVED MM <u>05</u> DD <u>10</u> YY <u>18</u>		DATE WELL COMPLETED MM <u>05</u> DD <u>04</u> YY <u>2018</u>		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>H0-17-0288</u>
OWNER <u>Stewart Scott</u>		DEPTH OF WELL <u>320</u> (TO NEAREST FOOT)		
WELL SITE ADDRESS <u>2120 Nynfield Road</u>		TOWN <u>West Friendship, MD 21794</u>		
SUBDIVISION _____		SECTION _____ LOT <u>26</u>		

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	GROUTING RECORD WELL HAS BEEN GROUTED (Circle appropriate box) YES ☒ Y NO ☐ N TYPE OF GROUTING MATERIAL (Circle one) CEMENT ☒ CM BENTONITE CLAY ☐ BC NO. OF BAGS <u>15</u> NO. OF POUNDS <u>750</u> GALLONS OF WATER <u>360</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>320</u> ft. (enter 0 if from surface)	PUMPING TEST HOURS PUMPED (nearest hour) _____ PUMPING RATE (gal. per min.) _____ METHOD USED TO MEASURE PUMPING RATE _____ WATER LEVEL (distance from land surface) BEFORE PUMPING _____ ft. WHEN PUMPING _____ ft. TYPE OF PUMP USED (for test) ☒ A air ☐ P piston ☐ T turbine ☐ C centrifugal ☐ R rotary ☐ O other (describe below) ☐ J jet ☐ S submersible																						
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Grass Topsoil</td> <td>0</td> <td>4</td> <td></td> </tr> <tr> <td>Light Brown Weathered Rock medium Hard</td> <td>4</td> <td>18</td> <td></td> </tr> <tr> <td>Bed Rock Shist medium Hard</td> <td>18</td> <td>320</td> <td></td> </tr> </tbody> </table>	DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing	FROM	TO	Grass Topsoil	0	4		Light Brown Weathered Rock medium Hard	4	18		Bed Rock Shist medium Hard	18	320		CASING RECORD casing types insert appropriate code below <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>☒ ST STEEL</td> <td>☐ CO CONCRETE</td> </tr> <tr> <td>☐ PL PLASTIC</td> <td>☐ OT OTHER</td> </tr> </table> MAIN CASING TYPE <u>1.25" HDPE</u> Nominal diameter top (main) casing (nearest inch) _____ Total depth of main casing (nearest foot) <u>320</u>	☒ ST STEEL	☐ CO CONCRETE	☐ PL PLASTIC	☐ OT OTHER	PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES _____ NO _____ IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____ PUMP HORSE POWER _____ PUMP COLUMN LENGTH (nearest ft.) _____ CASING HEIGHT (circle appropriate box and enter casing height) ☒ + above _____ ☐ - below _____ LAND SURFACE (nearest foot) _____
DESCRIPTION (Use additional sheets if needed)		FEET			check if water bearing																			
	FROM	TO																						
Grass Topsoil	0	4																						
Light Brown Weathered Rock medium Hard	4	18																						
Bed Rock Shist medium Hard	18	320																						
☒ ST STEEL	☐ CO CONCRETE																							
☐ PL PLASTIC	☐ OT OTHER																							
3x geothermal closed loop	OTHER CASING (if used) diameter inch _____ depth (feet) from _____ to _____ SCREEN RECORD screen type or open hole insert appropriate code below <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>☒ ST STEEL</td> <td>☐ BR BRASS</td> <td>☐ HO OPEN HOLE</td> </tr> <tr> <td>☐ PL PLASTIC</td> <td>☐ BZ BRONZE</td> <td>☐ OT OTHER</td> </tr> </table>	☒ ST STEEL	☐ BR BRASS	☐ HO OPEN HOLE	☐ PL PLASTIC	☐ BZ BRONZE	☐ OT OTHER	LATITUDE <u>39.173255</u> LONGITUDE <u>76.564033</u> (DEFAULT COORD. WGS 84)																
☒ ST STEEL	☐ BR BRASS	☐ HO OPEN HOLE																						
☐ PL PLASTIC	☐ BZ BRONZE	☐ OT OTHER																						

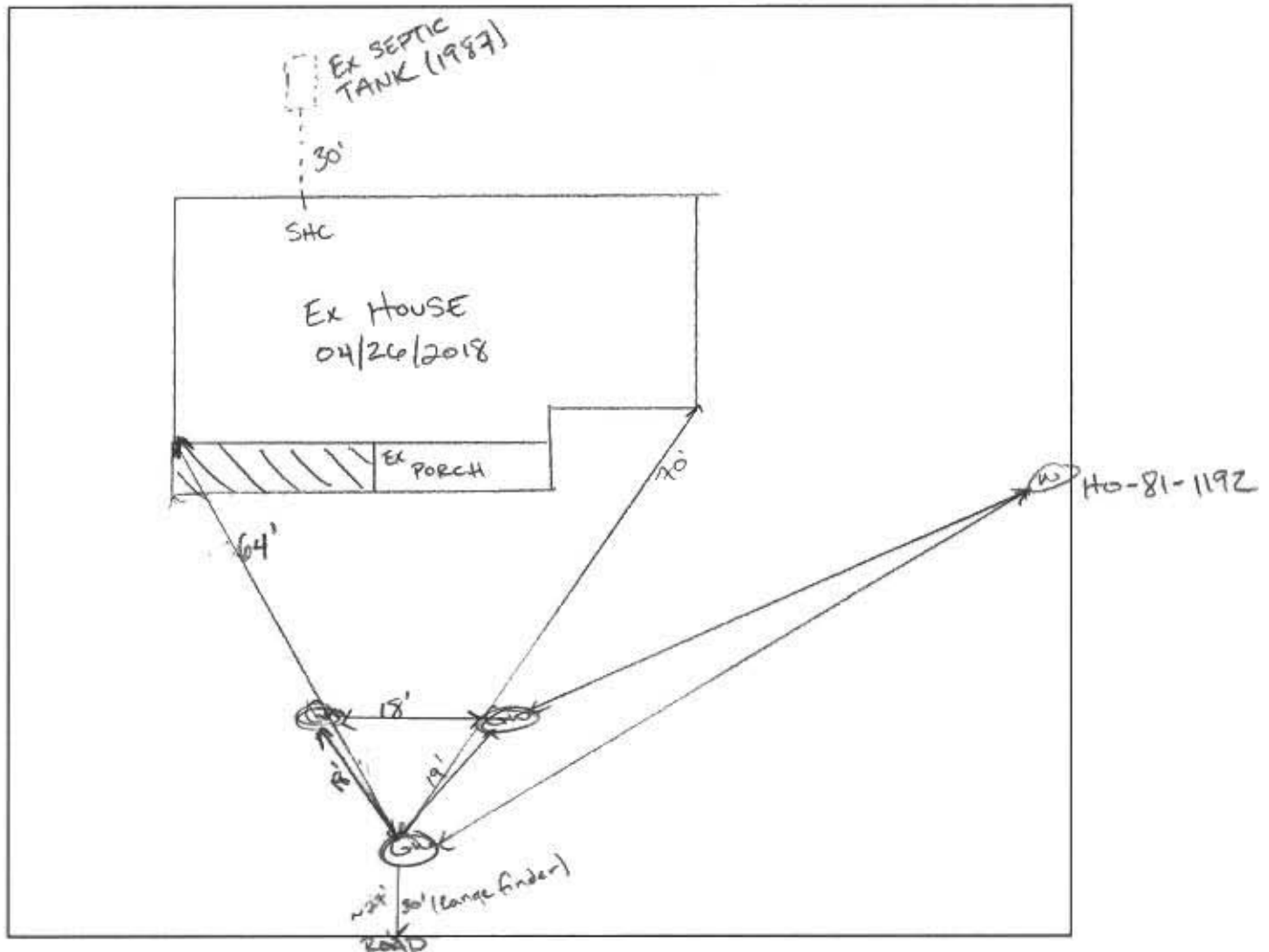
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>	C2 DEPTH (nearest ft.) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><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><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><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><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><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><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><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><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>00</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	00	WELL HYDROFRACTURED YES ☒ Y NO ☐ N CIRCLE APPROPRIATE LETTER A 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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. DRILLERS LIC. NO. <u>MWD 580</u> DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) <u>[Signature]</u> LIC. NO. <u>AWD 973</u> SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) <u>[Signature]</u>
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	00			
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) _____ W Q _____ 70 _____ 72 _____ 74 75 76 _____ TELESCOPE CASING _____ LOG INDICATOR _____ OTHER DATA _____																																																																																																						

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment is subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by federal or state law.

SITE INSPECTION SHEET

OWNER: STEWART, SCOTT PHONE #: N/A
ADDRESS: 2720 WYNFIELD ROAD CONTRACTOR: CHESAPEAKE GEO
W. FRIENDSHIP, MD 21794 WELL TAG #: HO-81-1192
SUBDIVISION: N/A LOT: 26 COUNTY #: (XIII)
PROPOSAL: DRILL 3 BORE GEOTHERMAL WELL CLUSTER

LOCATION DIAGRAM



COMMENTS: 4/26/18 WELL LOCATIONS STAKED. SET BACKS MET. GAS,
ELECTRICAL, AND COMMUNICATION LINES APPEAR TO BE MET.
MARKED.

DATE: 4/26/2018

INSPECTOR: [Signature]

Stewart Residence

2720 Wynfield Rd.

West Friendship Md 21794

3 wells @ 320' ca
1.25" closed loop Geothermal

3 geo bores

Staked by Chesapeake Geo.

St by CABAHUG 1997 on 4/26/2018



Septic



30'

21'

SPHC

Landscaped Area

House

Garage

Porch

Geo Trench

46'

18'

18'

19'

61'

76.5'

94.5'

45'

21'

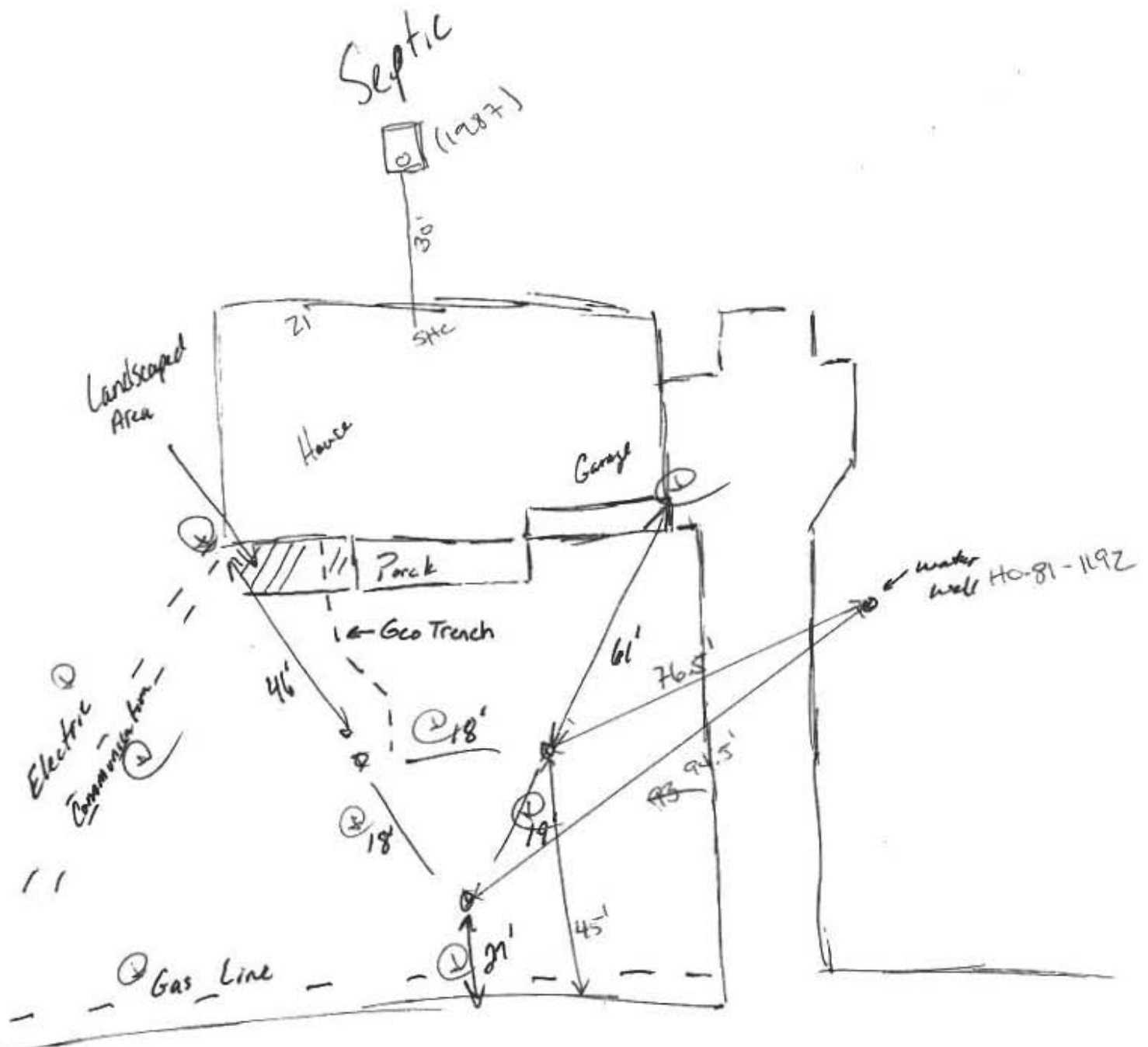
Electric Communication

Gas Line

water well HO-81-1192

Stewart Residence
2720 Wynfield Rd.
West Friendship Md 21794

3 wells @ 320' ca
1.25" closed loop Geothermal



WELL SCHEMATIC FORM

GROUND SURFACE

PERMANENT
OUTER
CASING

CONFINING UNIT

PERMANENT OUTER CASING (if area contaminated)

MATERIAL

DIAMETER

LENGTH

DEPTH INTO CONFINING UNIT

TUBE CASING (if not regular, single loop)

ATTACH HORIZONTAL SCHEMATIC

NUMBER OF TUBES PER BOREHOLE

DIAMETER OF TUBES

MATERIAL

SHAPE AND LENGTH

TUBE CONNECTION METHOD

TUBE CONNECTION MATERIAL

LOOP PIPE CASING (regular, single loop)

MATERIAL HDPE?

YES ☒ NO ☐

DIAMETER

1.25"

LENGTH

320

GROUT

MATERIAL

Bentonite

PERMEABILITY

WATER / GROUT RATIO

24/50

PERCENT SOLIDS

20%

TREMIE GROUTED FROM
BOTTOM OF BOREHOLE ?

YES ☒ NO ☐

USING A POSITIVE
DISPLACEMENT PUMP?

YES ☒ NO ☐

DEPTH TO THE BOTTOM OF
HOLE

320

DIAMETER OF BOREHOLE

6"

WELL ADDRESS 2720 Wynfield
Rd West Friendship
Md 21794
LOT NUMBER: _____
SQUARE NUMBER: _____

WELL OWNER: Scott Stewart
OWNER ADDRESS: 2720 Wynfield Rd
West Friendship
Md 21794

Search Result for HOWARD COUNTY

View Map		View GroundRent Redemption				View GroundRent Registration				
Account Identifier:		District - 03 Account Number - 309967								
Owner Information										
Owner Name:		STEWART SCOTT A TRUSTEE STEWART SHARON L TRUSTEE				Use: Principal Residence:		RESIDENTIAL YES		
Mailing Address:		2720 WYNFIELD RD WEST FRIENDSHIP MD 21794-9519				Deed Reference:		/17101/ 00085		
Location & Structure Information										
Premises Address:		2720 W WYNFIELD RD WEST FRIENDSHIP 21794-0000				Legal Description:		LOT 26 3.4104 A 2720 WYNFIELD RD WEST FRIENDSHIP S 3		
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	6043
0015	0018	0088		0000			26	2016	Plat Ref:	
Special Tax Areas:					Town:		NONE			
					Ad Valorem:		100			
					Tax Class:					
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use		
1987		2,574 SF		850 SF		3.4100 AC				
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation				
1 1/2	YES	STANDARD UNIT	FRAME	3 full/ 1 half	1 Attached					
Value Information										
			Base Value	Value	Phase-in Assessments					
				As of	As of		As of			
				01/01/2016	07/01/2017		07/01/2018			
Land:			223,800	223,800						
Improvements			329,200	388,000						
Total:			553,000	611,800	592,200		611,800			
Preferential Land:			0				0			
Transfer Information										
Seller: STEWART SCOTT A				Date: 09/09/2016		Price: \$0				
Type: NON-ARMS LENGTH OTHER				Deed1: /17101/ 00085		Deed2:				
Seller: STEWART SCOTT A TRUSTEE				Date: 06/22/2016		Price: \$0				
Type: NON-ARMS LENGTH OTHER				Deed1: /16932/ 00035		Deed2:				
Seller: STEWART SCOTT A				Date: 08/20/2013		Price: \$0				
Type: NON-ARMS LENGTH OTHER				Deed1: /15165/ 00248		Deed2:				
Exemption Information										
Partial Exempt Assessments:		Class		07/01/2017		07/01/2018				
County:		000		0.00						
State:		000		0.00						
Municipal:		000		0.00 0.00		0.00 0.00				
Tax Exempt:		Special Tax Recapture:								
Exempt Class:		NONE								
Homestead Application Information										
Homestead Application Status: Approved 05/19/2014										
Homeowners' Tax Credit Application Information										
Homeowners' Tax Credit Application Status: No Application				Date:						