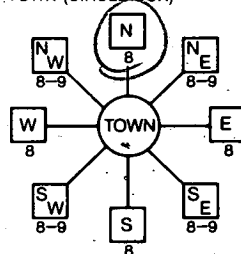

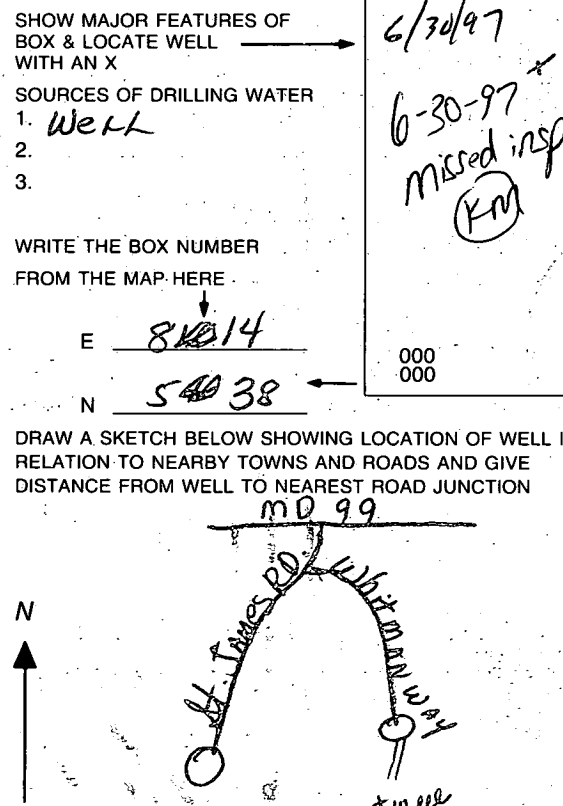
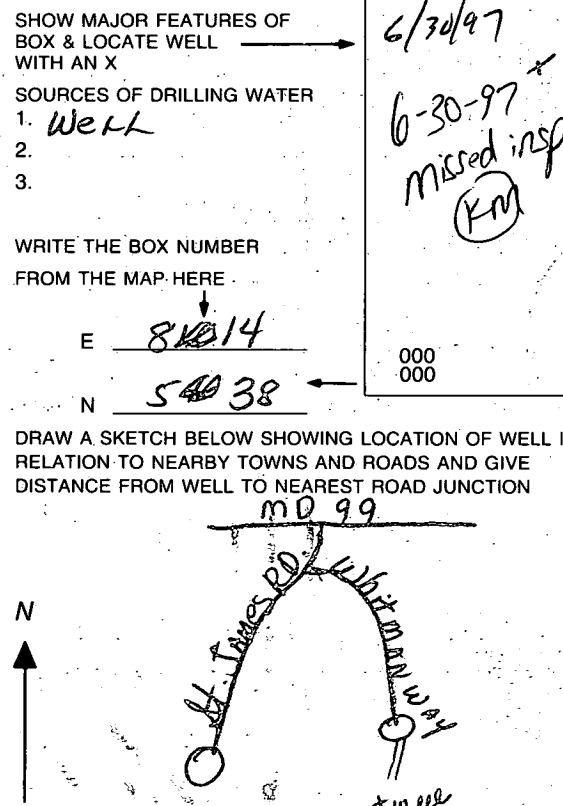


C 1 9784		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE WELL COMPLETED MM DD YY 06 30 97		Depth of Well 22 285 26 (TO NEAREST FOOT)		COUNTY NUMBER 50560 EE	
ST/CO USE ONLY DATE Received MM DD YY 07 08 97		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO - 94 - 1186				28 29 30 31 32 33 34 35 36 37	
OWNER <u>S D C</u> last name		STREET OR RFD <u>Whitman Way</u> first name		TOWN <u>West Friendship</u>			
SUBDIVISION <u>Stigler Prop.</u>		SECTION		LOT <u>28</u>			
WELL LOG Not required for driven wells		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y no N 44 44 TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS <u>9</u> NO. OF POUNDS <u>846</u> GALLONS OF WATER <u>54</u> DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>28</u> ft. (enter 0 if from surface)		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) <u>3</u> 8 9 PUMPING RATE (gal. per min.) <u>20</u> 11 15 METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>23</u> ft. 17 20 WHEN PUMPING <u>23</u> ft. 22 25 TYPE OF PUMP USED (for test) A air P piston T turbine 27 27 27 C centrifugal R rotary O other (describe below) 27 27 27 J jet S submersible 27 27			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE <u>St</u> Nominal diameter top (main) casing (nearest inch) <u>6</u> Total depth of main casing (nearest foot) <u>31</u> 60 61 63 64 66 70		PUMP INSTALLED DRILLER WILL INSTALL PUMP (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) <u>31</u> <u>35</u> PUMP HORSE POWER <u>37</u> <u>41</u> PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u> CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE <u>2</u> (nearest foot) 49 50 51			
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO <u>0</u> <u>27</u> <u>27</u> <u>285</u> check if water bearing		OTHER CASING (if used) diameter depth (feet) inch from to E A C H C A S I N G			
Sand Stone							
Gray Mica Rock							
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>		C 2 DEPTH (nearest ft.) 1 2 <u>HO 29</u> <u>285</u> 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to		SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER			
WELL HYDROFRACTURED Y N		DRILLERS LIC. NO. <u>M S D O 24</u> DRILLERS SIGNATURE <u>Bryce L Mayne</u> (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. <u>M S D O 22</u> SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		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		LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL) <u>Whitman Way</u> <u>18 well</u> <u>125</u>	

B 1	9414	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <u>HD-94-1186</u> <small>fill in this form completely</small>
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
Date Received (APA) <u>4/22/97</u>		LOCATION OF WELL		
OWNER INFORMATION		B 3 <u>Howard</u> 8 COUNTY 21 <u>Stiepler Property</u> 23 SUBDIVISION 42 SECTION <u>44</u> 46 LOT <u>28</u> 50 <u>West Friendship</u> 52 NEAREST TOWN 71		
8 MM DD YY 13 <u>SDC</u> 15 Last Name Owner First Name 34 <u>P.O. Box 417</u> 36 Street or RFD 55 <u>ELLcott City MD 21041</u> 57 Town 70 State 72 Zip 76		MILES FROM TOWN (enter 0 if in town) <u>1</u> M I 73 76 77 78		
DRILLER INFORMATION <u>Joseph L. Mayne</u> M S D O 24 Driller's Name 76 License No. 81 <u>Joseph L. Mayne Well Drilling</u> Firm Name <u>5512 Ridge Rd. Mt Airy MD 21771</u> Address <u>Joseph L. Mayne</u> <u>4/21/97</u> Signature Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
B 2 WELL INFORMATION 1 2 APPROX. PUMPING-RATE (GAL. PER MIN.) <u>5</u> 8 12 <u>500</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>14</u> 20		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 <u>600</u> 37 DISTANCE FROM ROAD ENTER FT OR MI <u>FT</u> 38 39 TAX MAP: _____ BLK: _____ PARCEL: _____		
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 <input type="radio"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) <input type="radio"/> T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard Co.</u> <u>13</u> COUNTY NAME COUNTY NO. STATE SIGNATURE _____ INSERT S → 41 DATE ISSUED <u>5/29/97</u> <u>A McMillen</u> <u>5/29/98</u> 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID <u>538</u> 000 EAST GRID <u>814</u> 000 50 55 57 63		
APPROXIMATE DEPTH OF WELL <u>300</u> FEET 24 28		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>Well</u> 2. 3.		
APPROXIMATE DIAMETER OF WELL <u>6</u> INCH NEAREST INCH		WRITE THE BOX NUMBER FROM THE MAP HERE E <u>814</u> N <u>538</u>		
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY DRIVE-POINT other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL. <input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
Not to be filled in by driller (MDE OR COUNTY USE ONLY)				
APPROP. PERMIT NUMBER <u>54</u> G A P. <u>63</u> FORCE <u>AM</u> WRITE INITIALS IN BOX PERMIT NO. <u>HD-94-1186</u> 67 68 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -				

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1186
Location of property (road) Whitman Way
Subdivision Stiegler Prop. Lpt 28 Block Plat Sec.
Well Driller Joseph Malyne Owner SDC

Depth of well 285
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 23'

I. High rate pumping -- reservoir drawdown

Time pump started 7:00 Pumping rate 20 cpm
Total time 0 min. to reach pumping water level 23 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

7/2 1/00 Anytime
7/25/00 Anytime
11/8/00 → 2pc Cap

Tap#

4103132648

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

441-8833

410 313 2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X
Replacement

Receipt #

Date

Name of Installer

Ben Levesque

Telephone

301 428 500

License Number

11202

Certified Well Pump Installer

Well Driller

Registered Plumber

X

Name of Property Owner

Jacobson Horne

Telephone

301 792 7122

Subdivision

Lynbrook

Lot #

28

Well Tag #

HO-99-1186

Site Address

2116 Whitman Way

Pump

1. Type

- a. Deep well jet
b. Shallow well jet
c. Submersible

2. Make

Souda

3. Model #

4. Capacity GPM

5. Pump exceeds well capacity Yes No

6. If Yes, is low pressure cutoff switch installed? Yes No

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other Yes

Motor

1. Horsepower

1/3

2. RPN

3. Voltage

a. 110

b. 220 Yes

Pitless Adapter

1. Make

2. Model #

3. Depth

42

Tank

1. Capacity

2. Pressure relief valve?

Yes

Piping

1. Type

200

2. Size

1/2

3. NSF and/or BOCA Code approved Yes

4. Depth of supply line

Well data

1. Depth

238 ft.

2. Yield GPM

3. Static water level

30 ft.

4. Will water supply be disinfected by installer?

Yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

7/21/00 - WPI not finished, Needs

proper conduit connection

into 2pc cap & 2pc cap installed

securely. Also house connection

Signature of Applicant:

Ben Levesque

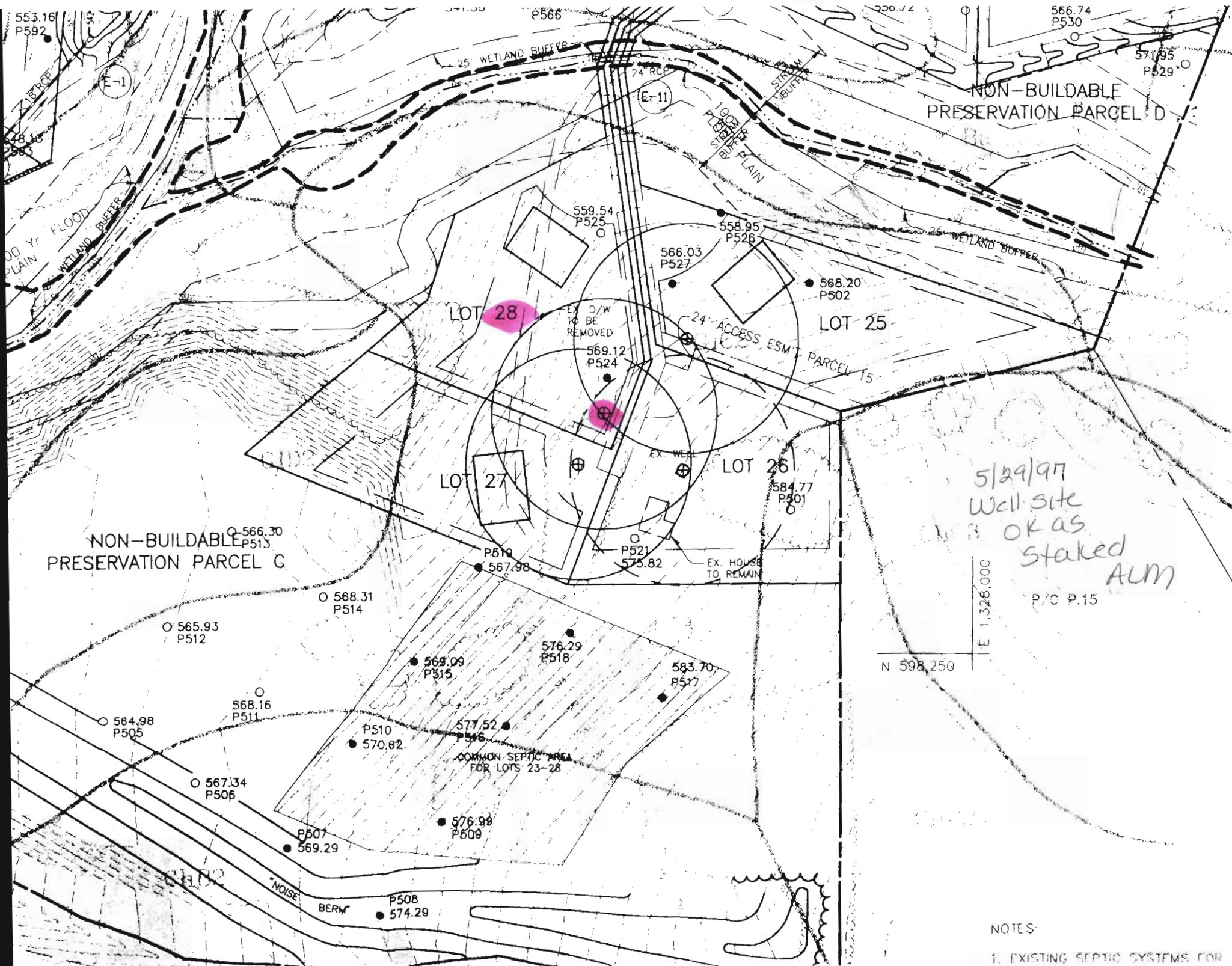
Date:

7/20/2000

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215

8/9/00 - WPI OK - (SRW)



FOREST EASEMENT

EX. 14
TO BE REMOVED

VALVE BOX
W/ CONDUCTING
ROD

EXISTING
OVERHEAD
WIRES

15' DRIVEWAY
P-2 PARCELS

LOT 25
MIN. SERVICE
ELEV. 564.50

24" ACCESS ESMT FOR LOTS
25-28, & PRES. PARCEL C:
FOR SEPTIC MAINTENANCE AND
ADJACENT PARCEL 15

WELL
24" ACCESS ESMT
FOR PARCEL 1

LOT 28
MIN. SERVICE
ELEV. 558.60

3+90
1 1/2" - 1/8 HB
N 598503.12
E 1327712.82

10" PUBLIC SEWER
AND UTILITY ESMT
DUPLEX GRINDER PUMP
N 598510.89
E 1327737.75

1/2" PRESSURE SEWER
SDR 21 PVC

FOREST CONSERVATION
EASEMENT #6

10" PUBLIC SEWER
AND UTILITY ESMT

1/2" BALL VALVE
W/ VALVE BOX

EX. PP
TO BE REMOVED
VALVE BOX WITH
CONDUCTING ROD

LOT 26
MIN. SERVICE
ELEV. 572.80

LOT 27
MIN. SERVICE
ELEV. 560.40

DUPLEX
GRINDER PUMP
N 598451.13
E 1327617.98

5'4" S ANI
SHC
INV. 554.5

C.O. (TYP)

EX. SEPTIC

EXIST. HOUSE
TO REMAIN
EX. WELL TO
BE ABANDONED

EX. WOOD SHED
TO BE RAZED

VALVE BOX WITH
CONDUCTING ROD

1+98
1 1/2" - 1/8 HB
N 598322.84
E 1327643.63

1+51
1 1/2" - 1/8 HB
N 598282.43
E 1327772.86

EX. CONCRETE PAD
TO BE REMOVED
PROPOSED GATE

1+88
1 1/2" - 1/8 HB
N 598118.46
E 1327772.86

16" D/W
P-2 PIST.

Steigler Property - Well permits for Lots 25 - 28

- Site inspection was conducted on 5/28/97.
- The shown existing well location on the percolation certification plat is actually the location of the existing septic.
- The developers have decided to keep the existing house.

In light of the above findings the following sequence of events was agreed upon by the developer, Clark Sperry:

- The wells for Lots 25, 27 & 28 will be drilled as shown on the percolation certification plat.
- A new well will be drilled for Lot 26 and the existing well abandoned.
- The existing septic system will be abandoned and the house connected to the shared septic system.
- Per Clark Sperry, the existing house can not be sold without the final recordation of the subdivision, therefore the existing septic system will not be in use prior to sale of either the existing house or any of the newly created lots and will not have any impact on the wells on lots 27 & 28.

5/29/97

A McMullen