

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

04-356977

INDEXED

P 511496

A 49482-E

DISTRICT _____

DATE 4/6/99

DATE SYSTEM APPROVED 3/9/99

INSPECTOR Am

S. K. Backhoe & Septic Service IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 1220 FSK Highway, Keymar, MD 21757 PHONE 301-898-0955

SUBDIVISION Warfields Grant, Sec. II LOT 7 ROAD 3105 Spring House Court

PROPERTY OWNER Trinity Builders

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 150 feet up the left (291.69') lot line and 30 feet off that same lot line as seen when facing the lot from Spring House Court. Run trenches on contour toward the left lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK Km 12-14-98

PLANS APPROVED BY Amy McMillen DATE 12/08/98

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

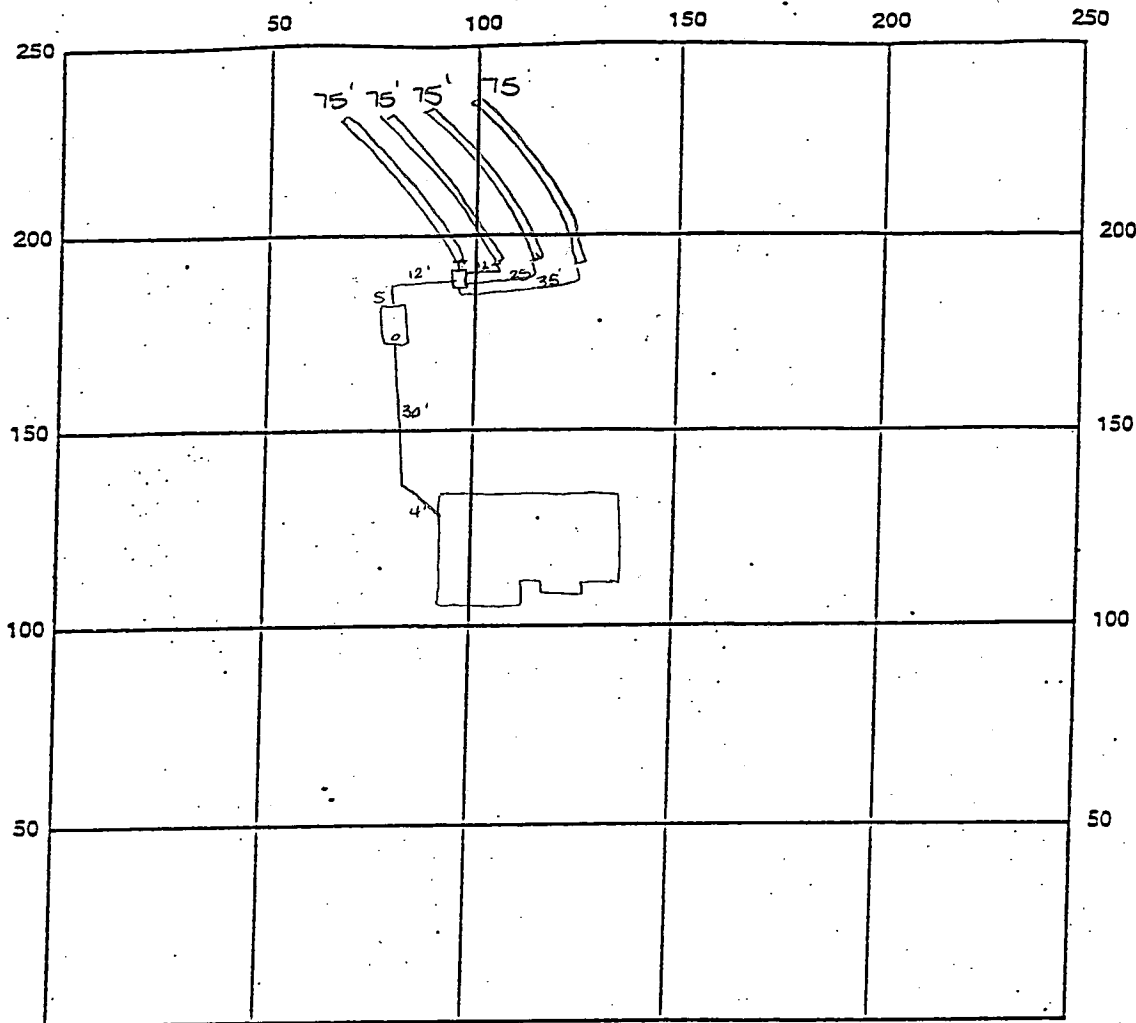
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

21-28466



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle in

DRAIN FIELD/TITLE DEPTH 6.0 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 300 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 300 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET 2.0 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 3/9/99 OK to cover all work A

DATE SYSTEM APPROVED 3/9/99 INSPECTOR A-M-M-M

APPLICATION

PERCOLATION TESTING

A 49482E

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER WARFIELDS GRANT LTD. PARTNERSHIP c/o Ronald B. Carter
Trinity Builders

ADDRESS P.O. Box 122 ELLICOTT CITY MD. 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER ATTN: Zach Fisch

ADDRESS 9171 BALTIMORE NATIONAL PIKE ELLICOTT CITY MD. 21042 PHONE 461-2855

PROPERTY LOCATION:

SUBDIVISION WARFIELDS GRANT SEC. 2 LOT NO. 7

ROAD AND DESCRIPTION Daisy Road (3105 Spring House Court)

TAX MAP 13 PARCEL # 128

SIZE OF LOT 1 AC. ± TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

UG. PERMIT SIGNED

AND RETURNED 12-8-98

Serial # B00115241

S.F.D. - 5 Bm

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Zacharia Y. Fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

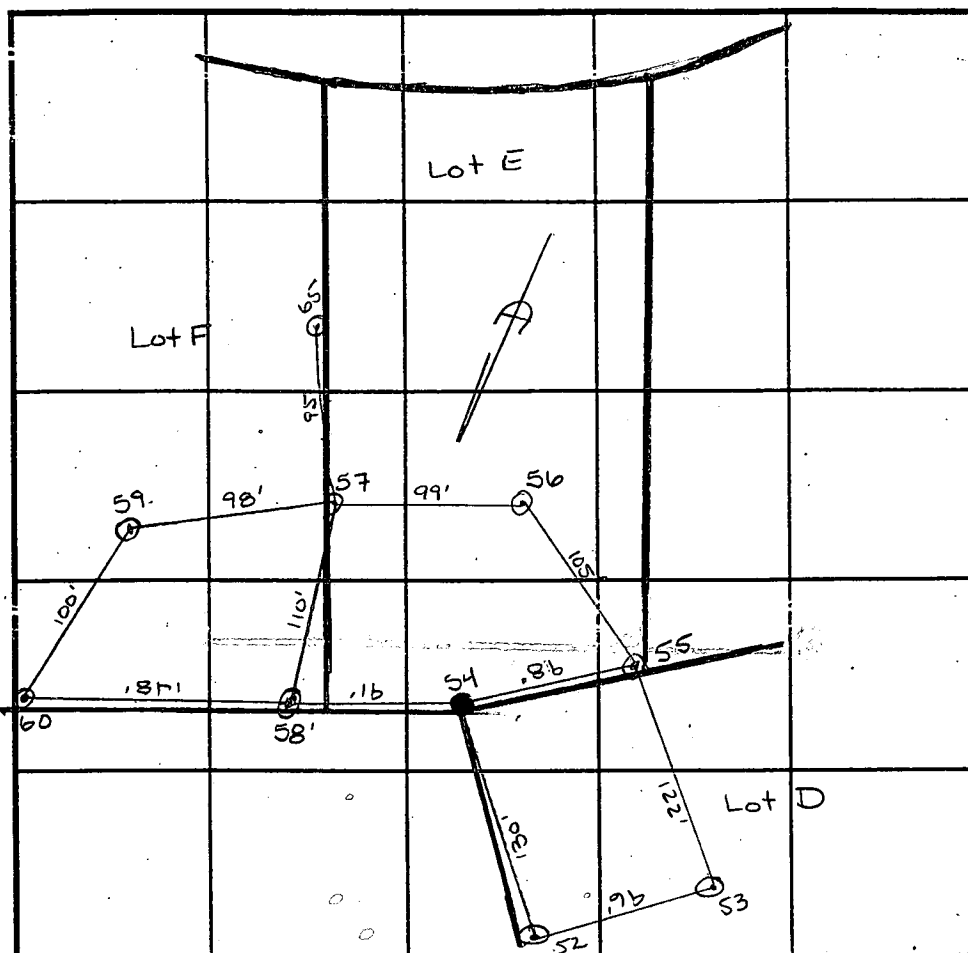
0' 56
SIL
red/yel
2
red C
4
SMicL
20-30%
rock

57
SIL
2 red.c
3 SMICK
5%
rock

58-65
red
C

4
SL:
red/yellow

5%
rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILES

0'	54
	Sil yel brn
4	red c
5	SMul tan

	55
	Sil red
2	red CL
4	SMILL 200% rock
12	

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/23/93	56	V12 5 1/2	10:51	10:53	10:53	10:55	2
		9	10:51	10:55	10:55	11:05	10
	57	V12 5	11:07	11:09	11:09	11:13	4
		9	11:07	11:09	11:09	11:14	5
	58	V11 4 1/2	11:33	11:36	11:36	11:42	6
		8 30	11:32	11:33	11:33	11:35	2
	54	V12 6	10:37	10:41	10:41	10:46 30	4 1/2
	55	V12 6	10:44	10:45 30	10:45 30	10:48	2 1/2
	65	V12 5	2:24	2:28	2:28	2:38	
		8	2:34	2:34	2:34	2:58	
LOWER PORTION OF SEPTIC AREA HAS POOR LANDSCAPE POSITION SOURCE - PLAT 11646. PORTION							

* LOWER PORTION OF SEPTIC ^{AREA} HAS OOR LANDSCAPE POSITION SOURCE - PLAT H1646, PORTION

REMARKS TESTS 52, 53 ARE FROM A494820; 59, 60 FROM A49482F

TYPE OF SOIL Chester

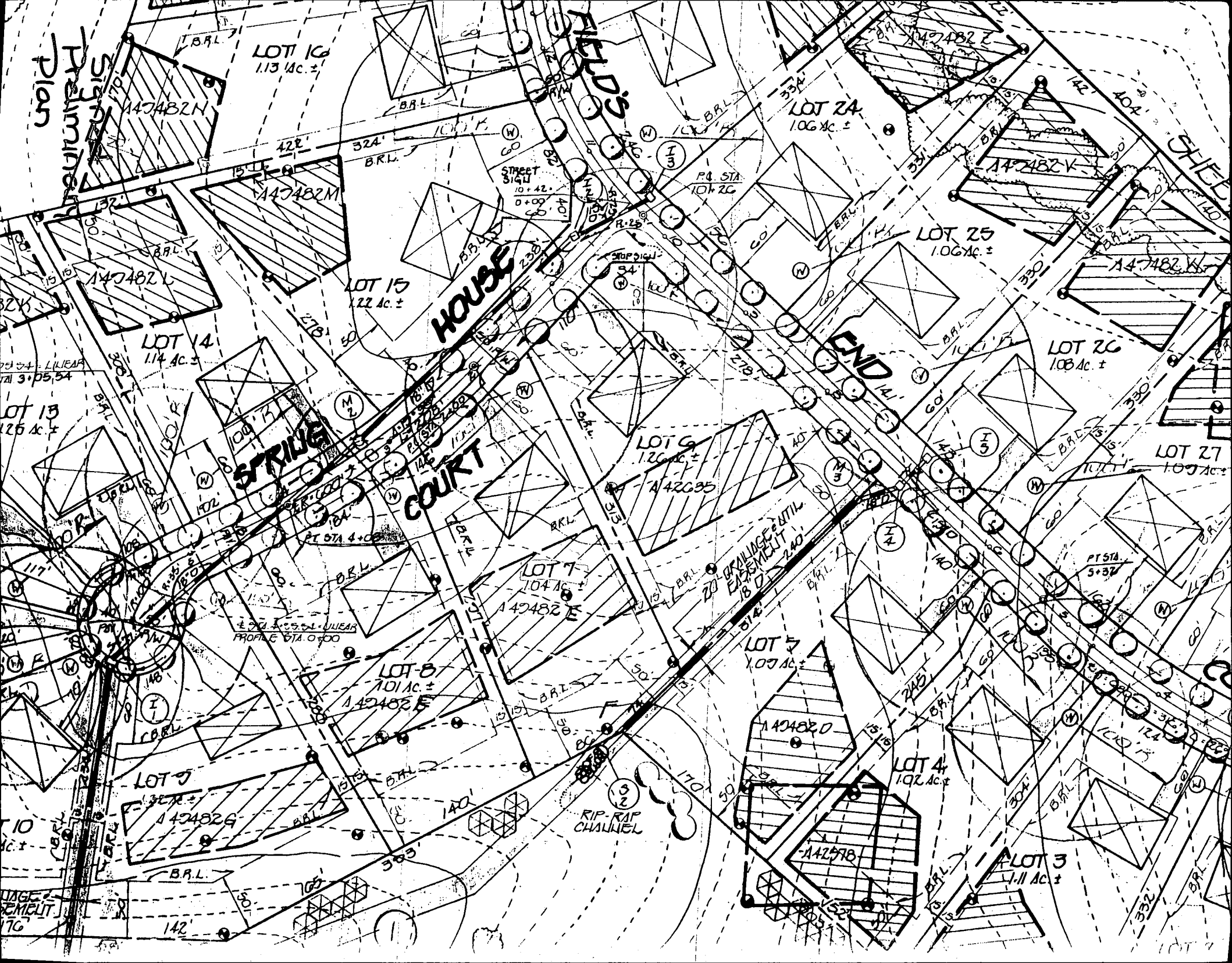
TESTED BY Amy McMillon / C Wilhe ALSO PRESENT Cissle / Andres

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 180

OF TEST
AREA
ONLY (CW)

plan
preliminary



LEGEND

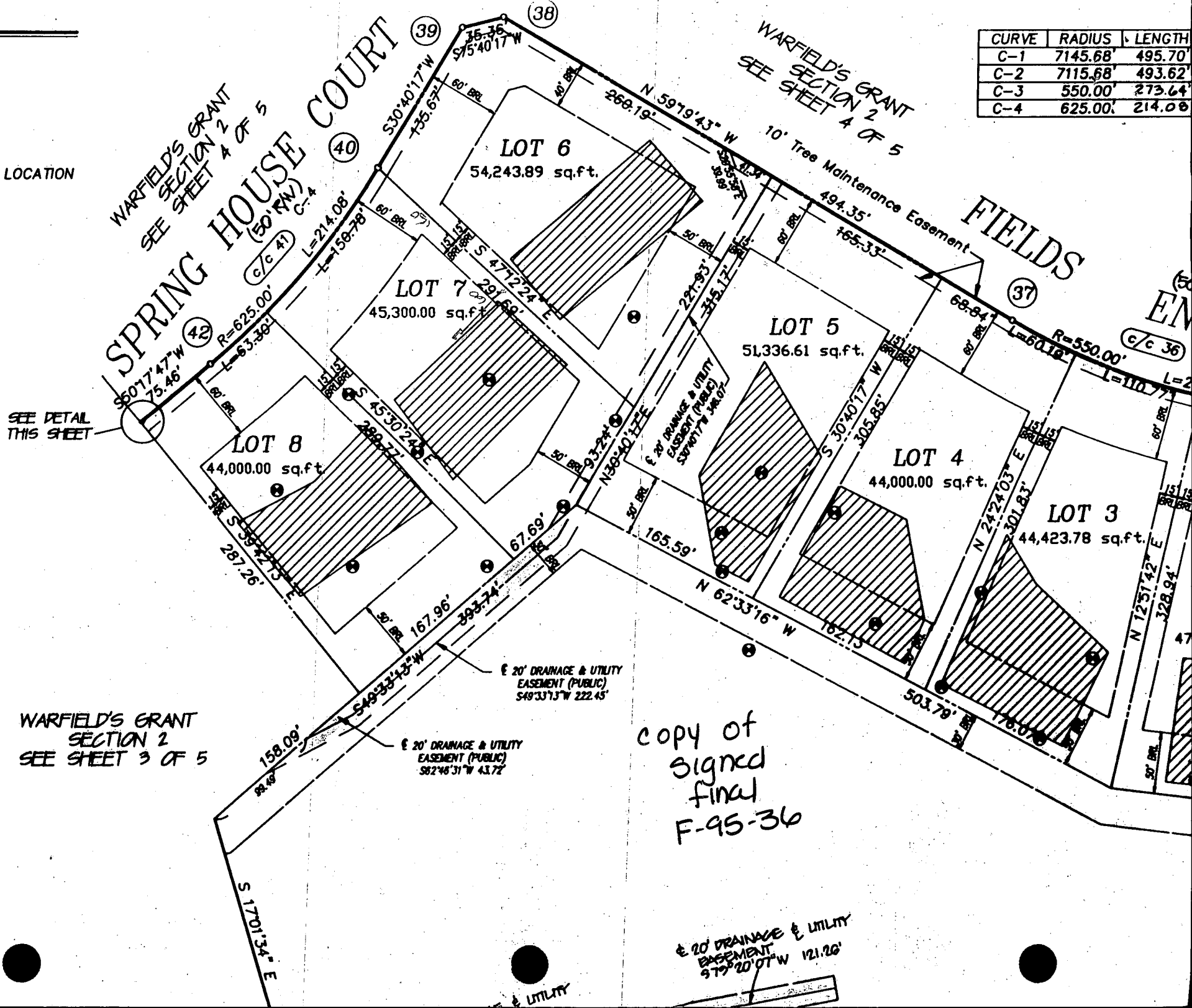
DATE POINT #

CENTER POINT #

COLLOCATION TEST LOCATION

N 528500

CURVE	RADIUS	LENGTH
C-1	7145.68'	495.70'
C-2	7115.68'	493.62'
C-3	550.00'	273.64'
C-4	625.00'	214.00'



WARFIELD'S GRANT
SECTION 2
SEE SHEET 3 OF 5

copy of
signed
final
F-95-36

E 20' DRAINAGE & UTILITY
EASEMENT
S 79° 20' 07\" W 121.26'

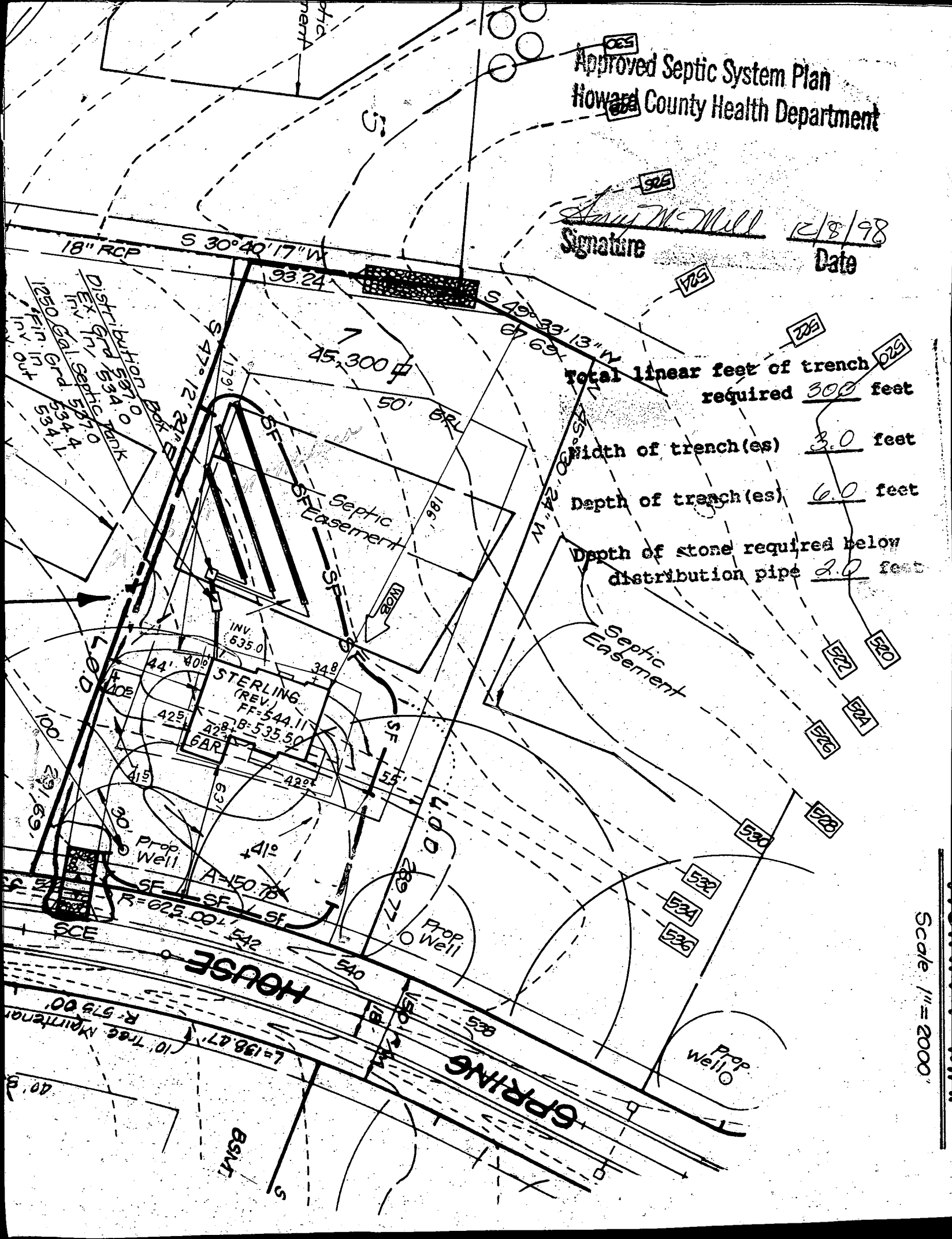
Approved Septic System Plan Howard County Health Department

Signature

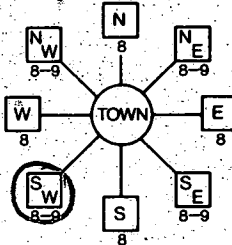
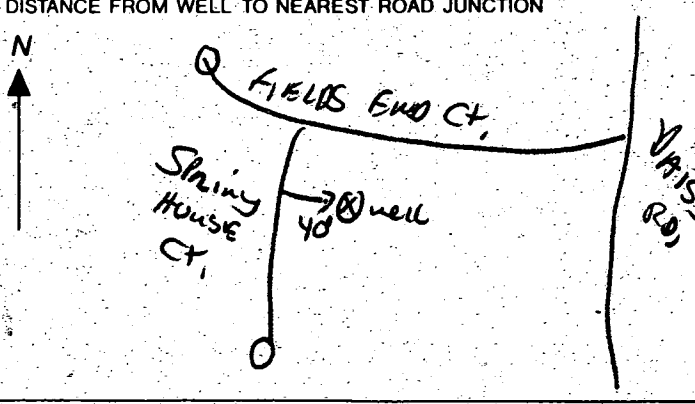
Date

Total linear feet of trench required 300 feet
Width of trench(es) 3.0 feet
Depth of trench(es) 6.0 feet
Depth of stone required below distribution pipe 2.0 feet

Scale 1"=2000'



C 1 05155		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 RECEIVED MM <u>10</u> DD <u>27</u> YY <u>98</u>		DATE WELL COMPLETED MM <u>10</u> DD <u>22</u> YY <u>98</u>		COUNTY NUMBER <u>A49482-E</u>	
ST/CO USE ONLY		DATE RECEIVED		DEPTH OF WELL 22 <u>185</u> 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>H0 - 94 - 1436</u>	
OWNER <u>Trinity Custom Homes</u>		STREET OR RFD <u>Spring House Court</u>		TOWN <u>Daisy</u>		LOT <u>7</u>	
SUBDIVISION <u>Warfield Grant</u>		SECTION		LOT			
WELL LOG Not required for driven wells		GROUTING RECORD		C 3		PUMPING TEST	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N		HOURS PUMPED (nearest hour) <u>3</u>		PUMPING RATE (gal. per min.) <u>10</u>	
DESCRIPTION (Use additional sheets if needed)		TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC		PUMPING RATE (gal. per min.) <u>10</u>		METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>	
FEET FROM TO		NO. OF BAGS <u>14</u> NO. OF POUNDS <u>1400</u>		WATER LEVEL (distance from land surface)		BEFORE PUMPING <u>55</u> ft.	
Top Soil 0 2		GALLONS OF WATER <u>84</u>		WHEN PUMPING <u>75</u> ft.		TYPE OF PUMP USED (for test)	
Brown Shale 2 45		DEPTH OF GROUT SEAL (to nearest foot)		A air P piston T turbine		C centrifugal R rotary O other (describe below)	
Brown Slate 45 55 ✓		from <u>0</u> ft. to <u>30</u> ft.		J jet S submersible		PUMP INSTALLED	
Blue Slate 55 75		Casing Record		DRILLER WILL INSTALL PUMP YES NO		IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
Brown Slate 75 80 ✓		MAIN CASING TYPE <u>PL</u> Nominal diameter top (main) casing (nearest inch) <u>6</u> Total depth of main casing (nearest foot) <u>59</u>		TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29		CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35	
Blue Slate 80 185		OTHER CASING (if used) diameter inch depth (feet) from to		PUMP HORSE POWER 37 41		PUMP COLUMN LENGTH (nearest ft.) 43 47	
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>		SCREEN RECORD		CASING HEIGHT (circle appropriate box and enter casing height)		LAND SURFACE <u>9</u> (nearest foot)	
WELL HYDROFRACTURED Y N		ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER		below } <u>9</u> (nearest foot)		LOCATION OF WELL ON LOT	
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		DEPTH (nearest ft.) <u>57</u> <u>185</u>		SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)		ROAD Prop Line 20' 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.		SLOT SIZE 1 2 3					
DRILLERS LIC. NO. <u>M.S.D. 116</u>		DIAMETER OF SCREEN (NEAREST INCH) 56 60					
DRILLERS SIGNATURE <u>Paul M. Wayne</u>		GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68					
LIC. NO. <u>M.S.D. 117</u>		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q					
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		TELESCOPE CASING LOG INDICATOR OTHER DATA					

B 1 8745	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HD-94-1436
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		70 fill in this form completely 78	
OWNER INFORMATION Date Received (APA) 021198 TRINITY CUSTOM HOMES 15 Last Name Owner First Name 34 6212 DEVON DR 36 Street or RFD 55 COLUMBIA MD 21044 57 Town 70 State 72 Zip 76		LOCATION OF WELL 1 2 HOWARD 8 COUNTY 21 WARFIELD'S GRANT 23 SUBDIVISION 42 SECTION 2 LOT 7 44 46 48 50 DAISY 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M 1 73 76 77 78	
DRILLER INFORMATION CIRCLE: MSD/MGD/MWD Ralph MAYNE Driller's Name 77 License No. 80 Ralph Mayne Well Drilling Firm Name 4120 Brown Church Rd Mt Airy Address Ralph Mayne 2/11/98 Signature Date		B 3 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		NEAR WHAT ROAD: Spring House Cr ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☐ WEST ☒ EAST ☐ SOUTH ☐ DISTANCE FROM ROAD 40 ENTER FT OR MI Ft 34 37 38 39 TAX MAP: 13 BLK: 24 PARCEL 128	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A49482-E COUNTY NAME COUNTY NO. STATE DATE ISSUED INSERT \$ 41 022098 Kimberly Minto 2/20/99 43 48 CO SIGNATURE EXP. DATE NORTH GRID 528000 EAST GRID 0779000 50 55 57 63	
APPROXIMATE DEPTH OF WELL 150 FEET 24 28 6"		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 78079 N 53028	
APPROXIMATE DIAMETER OF WELL _____ INCH NEAREST INCH		10-21-98 9:30 GROUT +	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 37 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 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) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER GAP 54 63 FORCE KM WRITE INITIALS IN BOX PERMIT No. HD-94-1436 67 68 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED			

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-M Ellicott Mills Drive
Ellicott City, MD 21043
461-9833

4/15/99
OK to connect
pressure
adapter
All

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # _____
Date _____

Name of Installer S.K. Plumbing & Heating Inc

Telephone 410-775-0522

License Number 12285

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber Yes

Name of Property Owner Trinity Homes Telephone 410-313-8722
Subdivision Wynfield Court Lot # 7 Well Tag # 10-74-1986
Site Address 3105 Spring House Ct.

Pump

1. Type

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

2. Make Jalisco

3. Model # 7545180-5-2

4. Capacity 7 GPM

5. Pump exceeds well capacity Yes _____ No X

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

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

Motor

1. Horsepower 3/4

2. RPM _____

3. Voltage _____

a. 110 _____

b. 220 ✓

Pitless Adapter

1. Make _____

2. Model # A

3. Depth 42"

Tank

1. Capacity Well-2-bro 250

2. Pressure relief valve? Yes

Piping

1. Type P.E.

2. Size 1"

3. NSF and/or BOCA Code approved Yes

4. Depth of supply line 42"

Well data

1. Depth 107' ft.

2. Yield 10 GPM

3. Static water level 51 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.

Signature of Applicant: [Signature]

Date: 4-14-99

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