

approved 6/3/86
C. Williams P-316877

PERMIT

SEWAGE DISPOSAL SYSTEM

A 35741

MARYLAND STATE DEPARTMENT OF HEALTH

03-286827

ELLICOTT CITY

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

DISTRICT _____

~~461-9933~~
461-9933

INDEXED

DATE 4/30/86

Stern Mech, Inc. IS PERMITTED TO INSTALL x ALTER _____

ADDRESS 1537 Hodges Avenue, Glen Burnie, MD 21061 PHONE 574-8611

SUBDIVISION Warfield Property ROAD 10501 Old Frederick Rd LOT _____

PROPERTY OWNER Kennard Warfield - U.S. Post Office

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1900 GALLONS NUMBER OF BEDROOMS 6 (For Post Office with 6 Employees)

TRENCHES - 474 sq. ft. total absorption side area required. Trench to be 3 feet wide. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2 1/2 feet below original grade. 1 1/2 feet of stone below distribution pipe.

LOCATION - Place distribution box 215 feet from the front lot line and 150 feet from the left lot line. Run trench(s) along contour toward either side lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

ok/cw

PLANS APPROVED BY C. Williams DATE 9/25/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

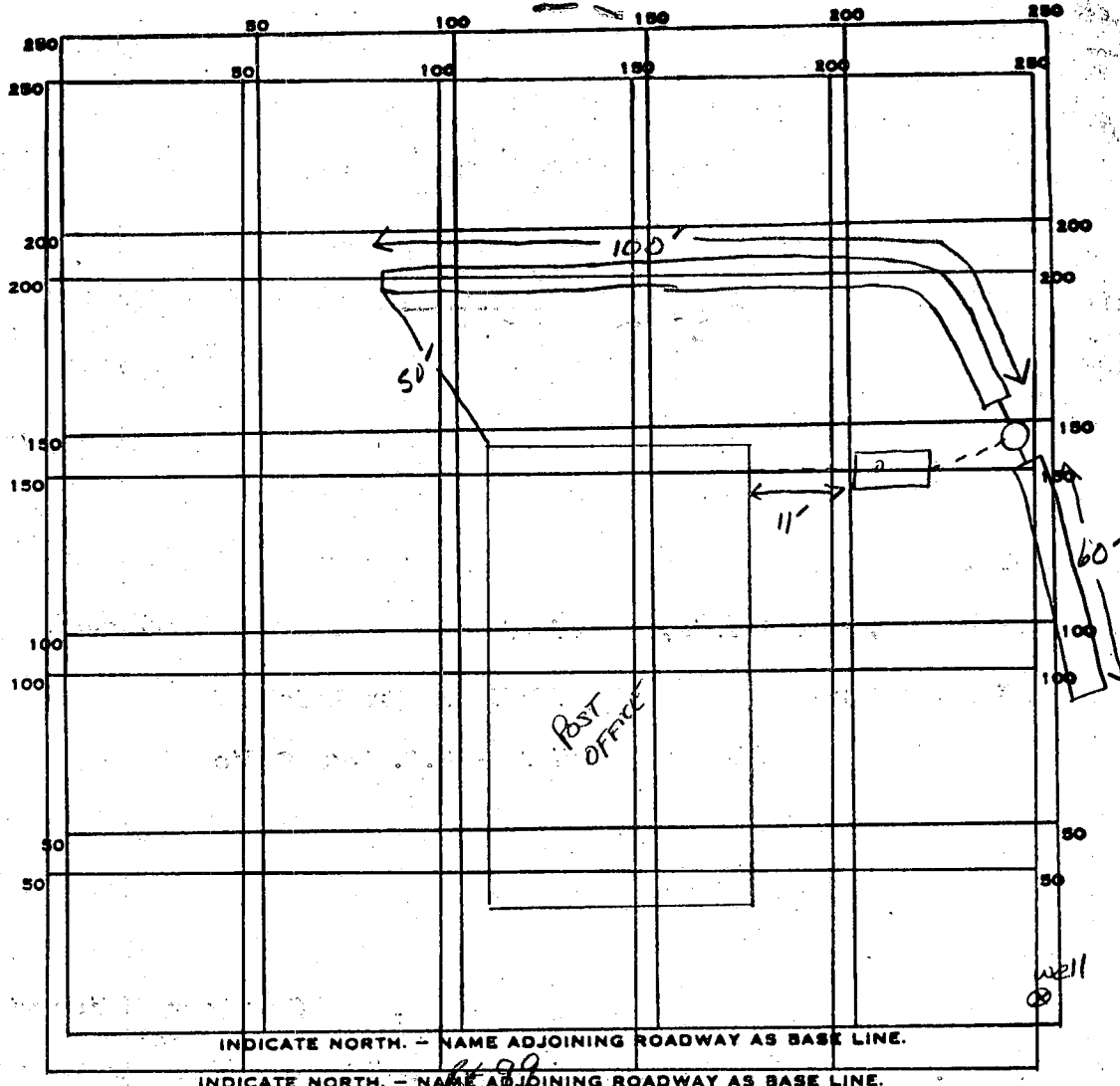
PERMIT VOID AFTER THREE YEARS.

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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

~~CALL 410-330~~ FOR INSPECTION OF SEPTIC SYSTEMS.

A 35741



PERMIT CARD _____

PERMIT CARD _____

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET 3.5

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH 18 IN. TOTAL LENGTH 160 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA _____

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 5-29-86 OK TO ADD STONE TO TRENCHES, (CONNECT DB TO TANK), NEED TANK C/O.

REMARKS INSTALLER WILL NOT BE ABLE TO COMPLETE SYSTEM UNTILL TOMORROW; OK TO COVER SYSTEM

EXCEPT ST/DB TO VERIFY CONNECTION. NEEDS TO COVER 100 FT TRENCH TO INSTALL

BLACKTOP PARKING LOT. S. Abel

6/2/86 CONNECTIONS COMPLETE. OK TO COVER CW

B 1 1663

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-1235

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please print or type

fill in this form completely

Date Received

10/23/85

OWNER INFORMATION

WARFIELD BROTHERS
14663 TRIOELPHIA RD
GLEWELG MD 21732

B 3

LOCATION OF WELL

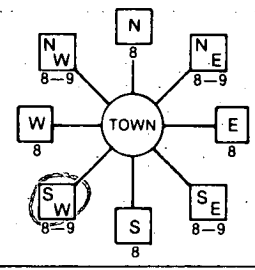
HOWARD
DOME
WOODSTOCK
MILES FROM TOWN

DRILLER INFORMATION

Ralph MAYNE
Ralph MAYNE (well drilling)
9120 Brown Church Rd. Mt. Airy
Ralph Mayne Oct 16, 1985

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



OLD Fred Rd. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



150 DISTANCE FROM ROAD
ENTER FT or MI

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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 COUNTY NAME
A35741 COUNTY NO.
OEP SIGNATURE
DATE ISSUED 1/10/785
CO SIGNATURE Frank Skinner
EXP. DATE 5/7/86
NORTH GRID 540000 EAST GRID 0832000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

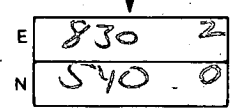
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

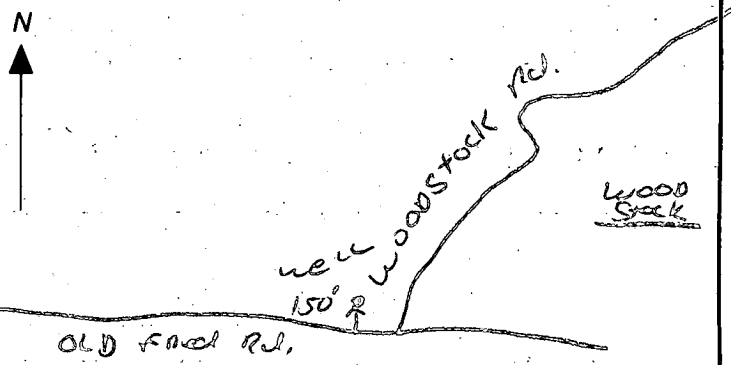
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



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 (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE WRITE INITIALS IN BOX PERMIT NO. HO-81-1235

SPECIAL CONDITIONS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

Renard Warfield
(Name)

14663 Truadelphia Rd.

Glenely. Md. 21737
(Address)

HO 81 1235

(OEP Well Permit Number)

9-16-85
(Date)

Old Post Office
Rt 99 + Woodstock Rd.

HOWARD COUNTY HEALTH DEPARTMENT
 Division of Environmental Health
 3450 Court House Drive
 Ellicott City, Maryland
 Tel: 465-5000, Ext. 356

DATE: 11-20-85

- TO: MD. STATE DEPT. OF HEALTH BOARD OF EDUCATION
 COUNTY EXECUTIVE OFFICE OF PLANNING & ZONING
 DEPT. OF PUBLIC WORKS DIVISION OF LAND DEVELOPMENT
 BUREAU OF WATER & SEWERS BUILDING ENGINEER
 OTHERS: BUREAU OF LICENSES, INSPECTION & PERMITS

RE: Woodstock O.S. Post Office K. Warfield Prop. Par 22

- The above referenced: Final Plat Building Plans
 Preliminary Plat Other:
 Site Development Plan

- IS: Approved Approved, if public water and sewerage are provided.
 Disapproved Approved, provided State Health Department notifies the Health Officer that he can sign the plat or bldg. permit.
 May the Health Officer sign the above referenced plat?
 Others: _____

COMMENTS:

- Preliminary plat needs revising. Percolation tests not performed.
 Final plat needs revising. State Subdivision Regulations not complied with.
 Request that Engineer come to this office for conference. Submit complete plans and specifications.
 Submit completed Food Establishment check list. See attached Regulations or literature.

OTHER COMMENTS: Building shown in approved percolation area, actual percolation holes should be shown, back most 2 holes unacceptable due to water table per C. Williams

Signed: Summelt

11-20-85

HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 DIVISION OF LAND DEVELOPMENT
 COUNTY OFFICE BUILDING
 3450 COURT HOUSE DRIVE
 ELLICOTT CITY, MARYLAND 21043

DATE: 10-16-85

P & Z File No. SDP-86-88

Agencies

Office of Planning and Zoning

- 3 Director, Department of Public Works
- 3 Bureau of Engineering
- 2 Bureau of Inspections and Permits
- 2 Fire Administrator
- 5 Police Department
- 5 State Highway Administration
- 1 ~~Division of Environmental Health~~
- 1 Howard County Public School System
- 1 Recreation and Parks
- 1 Soil Conservation Service
- 1 County Assessment

- 1 Director
- 2 Chief, Division of Land Development
- 2 Transportation Planning
- 2 File
- 1 Division of Comprehensive Planning
- 1 Division of Zoning
- 1 Planning Board Members
- 1 C&P
- 1 BG&E
- 1 Cindy

RE: Woodstock US. Post Office, K. Wanfield, Jr. Prop., Par. 22, MD. RT. 99
 FOR PLAN REVIEW MEETING OF _____
 (Date) (Time) (Place)

ENCLOSED FOR YOUR: Signature Approval X Review & Comments Files

THE ENCLOSED: Original X Copy

	<u>No. of Sheets</u>		<u>No. of Sheets</u>
<u> </u> Preliminary Plan	<u> </u>	<u> </u> Final Road and/or Storm Drainage Plan	<u> </u>
<u> </u> Preliminary Road Profile	<u> </u>	<u> </u> Final Storm Drainage Computations ^{Sub}	<u>2</u> - SDW <u>2</u> - SC5 <u>2</u> - SNA
<u> </u> Preliminary Drainage Study and/or Computations	<u> </u>	<u>X</u> Site Development Plan	<u>1-2</u> / <u>2</u>
<u> </u> Final Development Criteria	<u> </u>	<u> </u> Sketch Plan	<u> </u>
<u> </u> Final Development Plan	<u> </u>	<u> </u>	<u> </u>
<u> </u> Final Plat	<u> </u>	<u> </u>	<u> </u>

WAS: X Received Tentatively Approved Recorded
 Received & Revised Approved On 10-15-85

COMMENTS: Due before 11-8-85

Check box and return to Office of Planning and Zoning if plan is approved with no comments.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
OCT 17 9 44 AM '85
DIVISION OF
ENVIRONMENTAL
HEALTH

11-20-85. returned disapp. @ notes

Building shown in app. perc. area,
actual perc. holes should be shown,
lack most 2 holes unacceptable due
to water table per C. Williams

J.F. 11-20-85.

WARFIELD PROPERTY
ROUTE 99 AT WOODSTOCK

POST OFFICE

A35741

SUBDIVISION:

LOT NUMBER:

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	Minimum Total square Feet
3 bedroom	1000 gallon	_____ sq. ft./bedroom
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
 Bottom maximum depth _____ feet below original grade.
 Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

Trench to be 3 wide.
 Inlet 2 1/2 feet below original grade.
 Bottom maximum depth 4 feet below original grade.
 Effective area begins at 2 1/2 feet below original grade.
1 1/2 feet of stone below distribution pipe.

~~_____~~ sq. ft./bedroom
 3 474 SQ FT
 TOTAL ABS
 AREA REQUIRED

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: _____
 FOR POST OFFICE WITH 6 EMPLOYEES.

1000 GAL SEPTIC TANK, TRENCH WITH 474 SQ FT SINGLE SIDEWALL ABS. AREA.
 PLACE DISTRIBUTION BOX 215' FROM THE FRONT LOT LINE
 AND 150' FROM THE LEFT LOT LINE. RUN TRENCH(S)
 ALONG CONTOUR TOWARD EITHER SIDE LOT LINE.

9/28/85 C. Williams

7/10/85
122
155

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35741

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT _____

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DATE 7/8/85

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER KENNARD WARFIELD (KETTERMAN - CONTRACTOR) U.S. POST OFFICE

ADDRESS 14663 TRIADOLPHIA RD PHONE 489-7132
Glenelg Md 21737

PROPERTY LOCATION:

SUBDIVISION WARFIELD PROPERTY LOT NO. _____

10501
ROAD AND DESCRIPTION ROUTE 99 AT MARIOTTSVILLE WOODSTOCK RD
OLD FREDERICK RD

SIZE OF LOT _____ TYPE BLDG. POST OFFICE
(NUMBER OF BEDROOMS)

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. /s/ Olen Ketterman for Warfield Brothers
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/10/85 - PERC OK HOLD FOR PLATINUM
MUST WRITE LETTER ALSO RIT B.P. # 69589

BLDG. PERMIT SIGNED
AND RETURNED 4-18-86

THIS IS NOT A PERMIT

SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35741
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 7/8/85

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Kennard Warfield

ADDRESS 14663 Tridadelphia Rd PHONE 489-7132

PROPERTY LOCATION:

SUBDIVISION Warfield Property LOT NO. _____

ROAD AND DESCRIPTION Route 99 at Marriottsville

SIZE OF LOT _____ TYPE BLDG. _____ (NUMBER OF BEDROOMS)

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. /s/ Olen Ketterman for Warfield Brothers
(SIGNATURE OF APPLICANT)

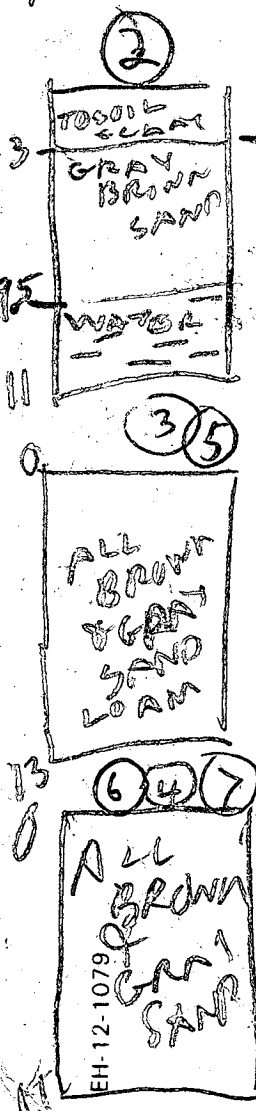
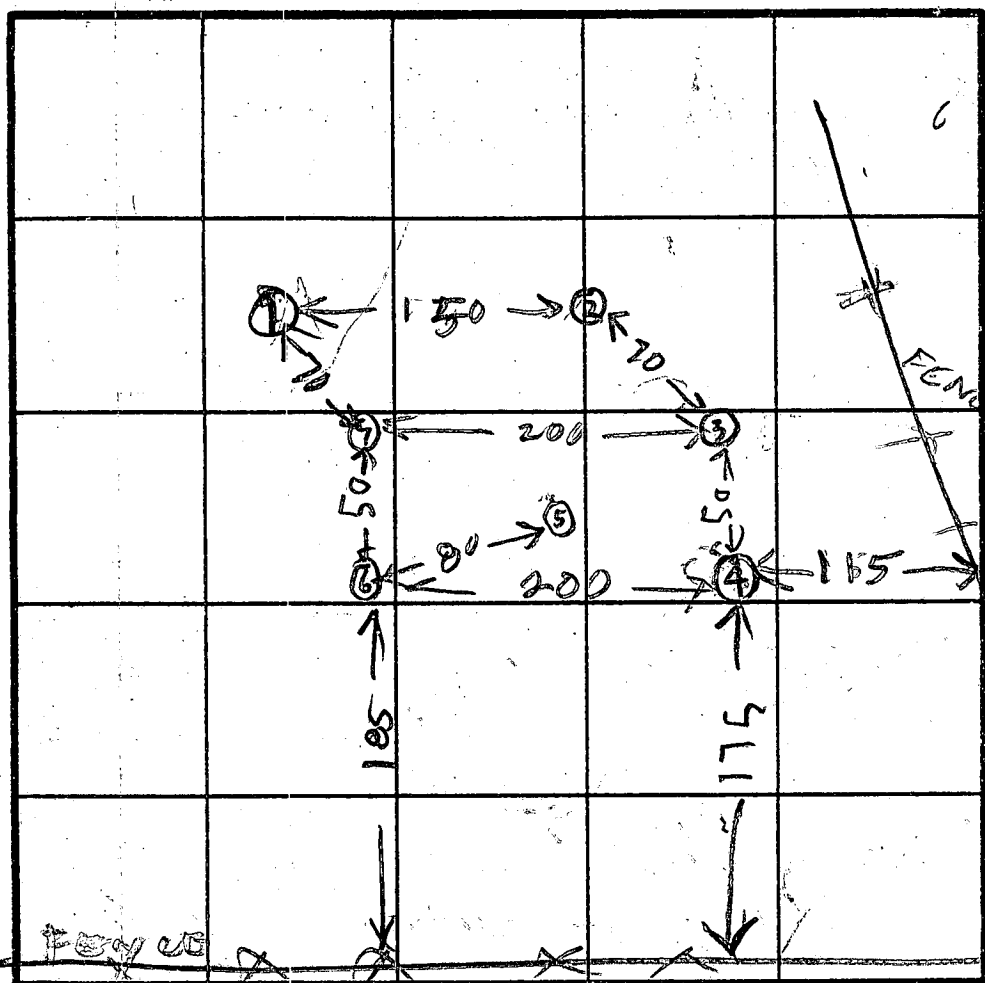
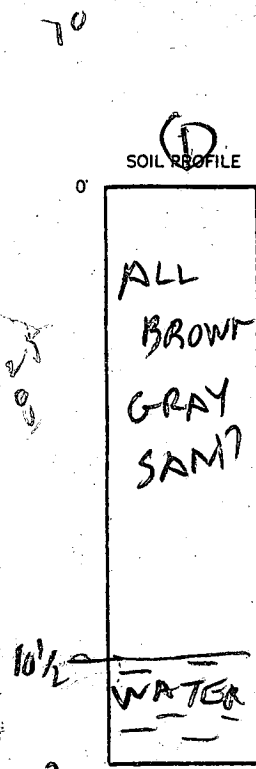
APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 99 ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/10/85	1V	12	WATER		10.5	UNSAT	
	2V	11	WATER		9.5	UNSAT	
	3S	3	206	209	209	213	4
	3V	13	LOOKS	OK			
	4S	2	220	227	222	223	1
	4V	11	LOOKS	OK			
	5V	12	LOOKS	OK			
	6S	2.5	228	230	230	232	2
	6V	11	LOOKS	OK			
10/10/85	7S	3.5	238	240	240	242	2
	7V	12	LOOKS	OK			

95
90
HOLE
ELEV

(2) - LOWEST

(3) - NEXT LOW

(5) MEDIUM

(6) (4) HIGH

START TRENCH AT (6) RUN IT TOWARD (4)

REMARKS

TYPE OF SOIL

TESTED BY

R. HUBBELL

ALSO PRESENT

D. REUBEN
D. KETTERMAN
OPH

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation X
Replacement _____

Receipt # 36876
Date 4/30/86

Name of Installer STERN MECH INC
(WARREN J FORNEY)

Telephone 574-8611

License number 4151
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner KENNARD WARFIELD, JR. Telephone _____
Subdivision WOODSTOCK Lot # _____ Well tag # _____
Site Address 10501 OLD FREDRICK ROAD

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible X _____

2. Make MYERS
3. Model # S-3 72578
4. Capacity 8 GPM

5. Pump exceeds well capacity Yes X No _____
6. If Yes, is low pressure cutoff switch installed? Yes X No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors YES Cable guards YES Other LIGHTNING ARRESTOR

Motor

- Horsepower 3/4
- RPM 3500
- Voltage 220
 - 110 _____
 - 220 X

Pitless Adapter

- Make AMER. GRANBY
- Model # PT-800
- Depth 42"

Tank

- Capacity 44
- Pressure relief valve? RV50

Piping

- Type QUEST 1" c/s
- Size 1"
- NSF and/or BOCA Code approved YES
- Depth of supply line 42"

Well data

- Depth 200 ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

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: Warren J Forney

Date: 4/30/86

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

INCORPORATED
SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
EELICOTT CITY, MARYLAND 21043
BALTIMORE 301-465-7777

DATE: November 8, 1985
ATTENTION: Craig
RE: Warfield P.O. Site
FILE: 82150

TO:

Howrad County Health Department

- GENTLEMEN:

- WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER VIA _____ THE FOLLOWING ITEMS:
 SHOP DRAWINGS PRINTS PLANS SAMPLES SPECIFICATIONS
 COPY OF LETTER _____

copies	date	description
1		Perc test certification plat.

THESE ARE TRANSMITTED AS CHECKED BELOW:

- FOR APPROVAL APPROVED AS SUBMITTED RESUBMIT _____ COPIES FOR APPROVAL
 FOR YOUR USE APPROVED AS NOTED SUBMIT _____ COPIES FOR DISTRIBUTION
 AS REQUESTED RETURNED FOR CORRECTIONS RETURN _____ CORRECTED PRINTS
 FOR REVIEW AND COMMENT _____
 FOR BIDS DUE _____ 19____ PRINTS RETURNED AFTER LOAN TO US

REMARKS:

~~certified~~ plat received with perc field similar to perc data & well site proper distance & higher elevation

B. Nixon

COPIES:

IF ENCLOSURES ARE NOT AS NOTED, KINDLY NOTIFY US AT ONCE.

SIGNED: _____

BOENDER ASSOCIATES, INC.

C1 2524
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 QN ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

PERMIT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A 35741

DATE RECEIVED [] DATE WELL COMPLETED 11/1/85
 Depth of Well 2200 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" 42/86 HO-81-1235

OWNER WARFIELD BROTHERS / WOODSTOCK POST OFFICE
 STREET OR RFD last name OLD FREDERICK RD first name TOWN WOODSTOCK
 SUBDIVISION SECTION LOT

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	30	
Sand. Stone	30	35	✓
Micka	35	55	
Sand Stone	55	60	✓
Micka	60	200	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 12 NO. OF POUNDS 1200
 GALLONS OF WATER 22
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 40 ft.

CASING RECORD
 casing types insert appropriate code below
 STEEL CONCRETE
 PLASTIC OTHER
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
 PL 6 42

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD
 screen type or open hole insert appropriate code below
 STEEL BRASS OPEN HOLE
 PLASTIC OTHER

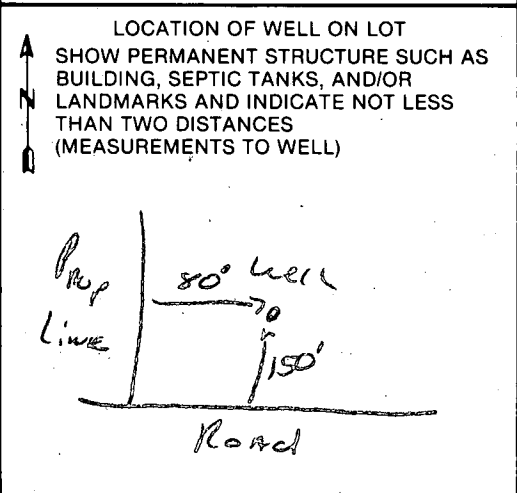
DEPTH (nearest ft.)
 HO 40 200
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 from to

GRAVEL PACK
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
 PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 10
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 30
 WHEN PUMPING 40
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED
 PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 LAND SURFACE (nearest foot)



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 10.17.13 "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 IDENT. NO. 273
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

WPI ASAP 5-1-86
AM

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation _____
Replacement _____

Receipt # 36874
Date 4/30/86

Name of Installer STERN MECH INC.

Telephone 574-8611

License number 4151

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner WOODSTOCK POST OFFICE U.S. Telephone _____

Subdivision WOODSTOCK POST OFFICE Lot # _____ Well tag # _____

Site Address 10501 OLD FREDERICK Rd.
WOODSTOCK, md.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible X

Motor

- Horsepower 3/4
- RPM 3500
- Voltage 220
 - 110 _____
 - 220 X

Pitless Adapter

- Make AMCR. GRANICK
- Model # PT-800
- Depth 42" V

2. Make MYERS

3. Model # S-572578

4. Capacity 8 GPM

5. Pump exceeds well capacity Yes X No _____

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

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

Tank

- Capacity 44
- Pressure relief valve? RV-50

Piping

- Type QUEST 1" CPVC
- Size 1"
- NSF and/or BOCA Code approved YES
- Depth of supply line 42"

Well data

- Depth 200 ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

5-1-86

PITLESS 42" below GRADE; Well Line 42" below GRADE - NO INSIDE WORK. S. ABW

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: _____

Date: _____

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

GEORGE F. NEIMEYER
DIRECTOR
982-2400

Deaf TDD Number
982-2323



Bureau of Engineering
William E. Riley, Chief
Bureau of Environmental Services
James M. Irvin, Chief
Bureau of Facilities
John Zitner, Chief
Bureau of Highways
Granville W. Wehland, Chief
Bureau of Inspections, Licenses, and Permits
M. Robert Gemmill, Chief
Bureau of Utilities
Robert M. Beringer, Chief

DEPARTMENT of PUBLIC WORKS of HOWARD COUNTY
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

DATE: September 8, 1986 DATE RETURN BY: September 12, 1986

MEMORANDUM

TO: Plan Review Division
Building Inspections
Electrical Inspections
Fire Protection Inspections
Plumbing & Mechanical Inspections
Inspections & Surveys
Sediment Control
State Highways
**Health Department
Housing Inspections

FROM: M. Robert Gemmill, Chief
Bureau of Inspections, Licenses & Permits

SUBJECT: Final/Temporary Commercial Use and Occupancy Permit Request

Serial # 69589 SDP # 86-88
Owner Kennard Warfield, Jr.
Occupant Woodstock Post Office
Address 10501 Old Frederick Road, Woodstock, Maryland 21163
Description One (1) story U. S. Post Office

Owner/Agent Lyle KK Aaby Telephone # 636-6000

Final/Temp. Approval *Craig Wilton* Date 09 08 1986
inspectors signature

Disapproval _____ Date _____
inspectors signature

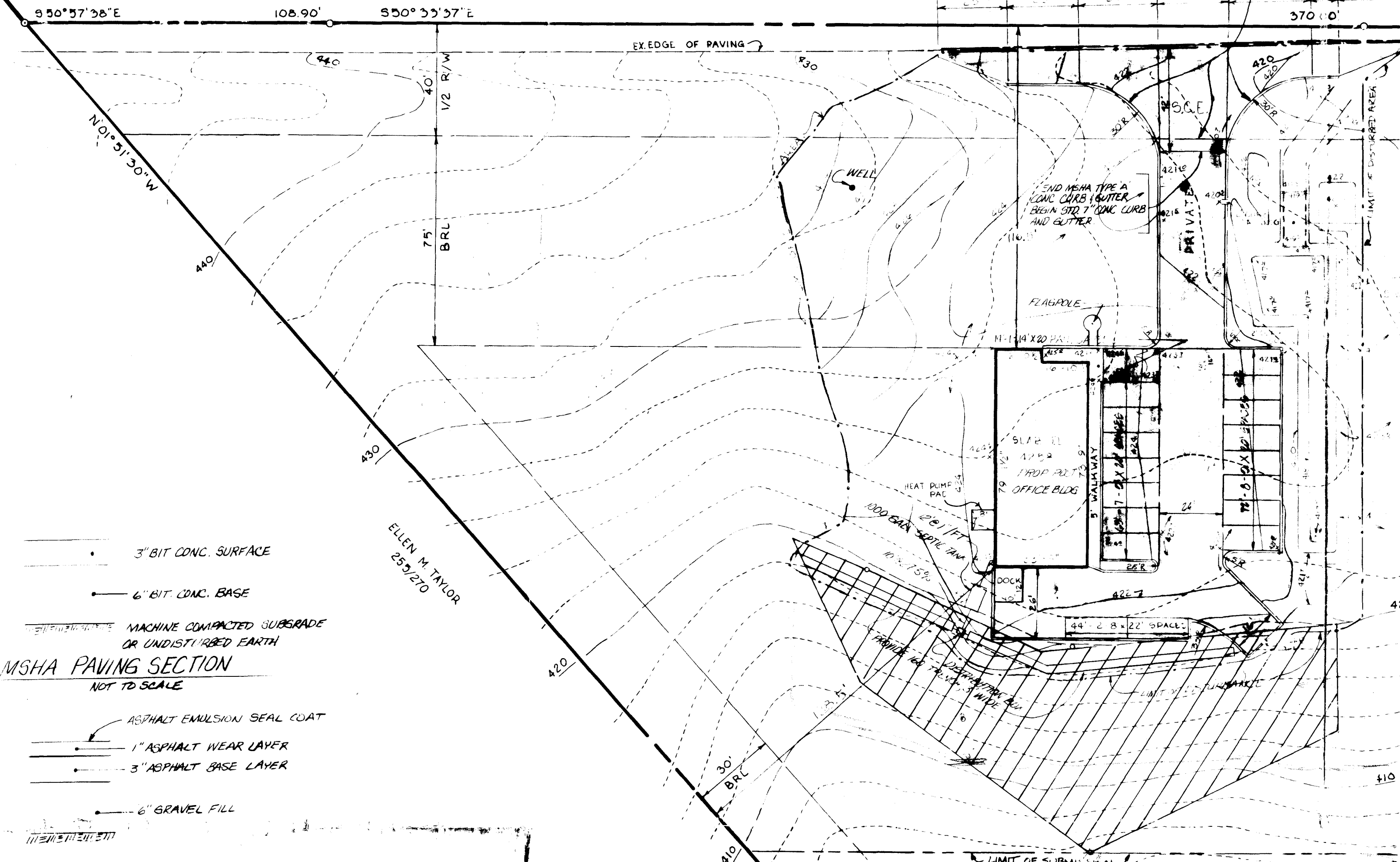
COMMENTS:

FOR LICENSES & PERMITS OFFICE USE ONLY:

Use Group: _____
Construction Classification: _____
Means of Egress: _____
Maximum Uniformly Distributed Live Load: _____
Fire Grading: _____
Other Conditions: _____

- cc: White - Original (return in 5 days)
- Green - Applicant's copy (return with white copy)
- Yellow - Release of disapproval
- Pink - Agency file
- Gold - Licenses & Permits File

MARYLAND ROUTE 99 (PUBLIC)
 OLD FREDERICK ROAD 80' R/W

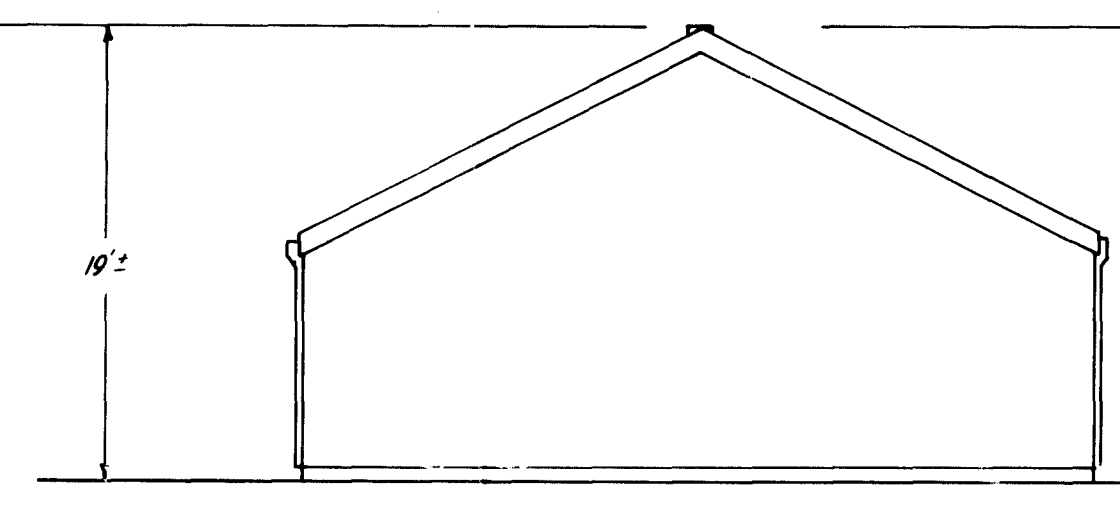


- 3" BIT CONC. SURFACE
- 6" BIT CONC. BASE
- MACHINE COMPACTED SUBGRADE OR UNDISTURBED EARTH
- ASPHALT EMULSION SEAL COAT
- 1" ASPHALT WEAR LAYER
- 3" ASPHALT BASE LAYER
- 6" GRAVEL FILL

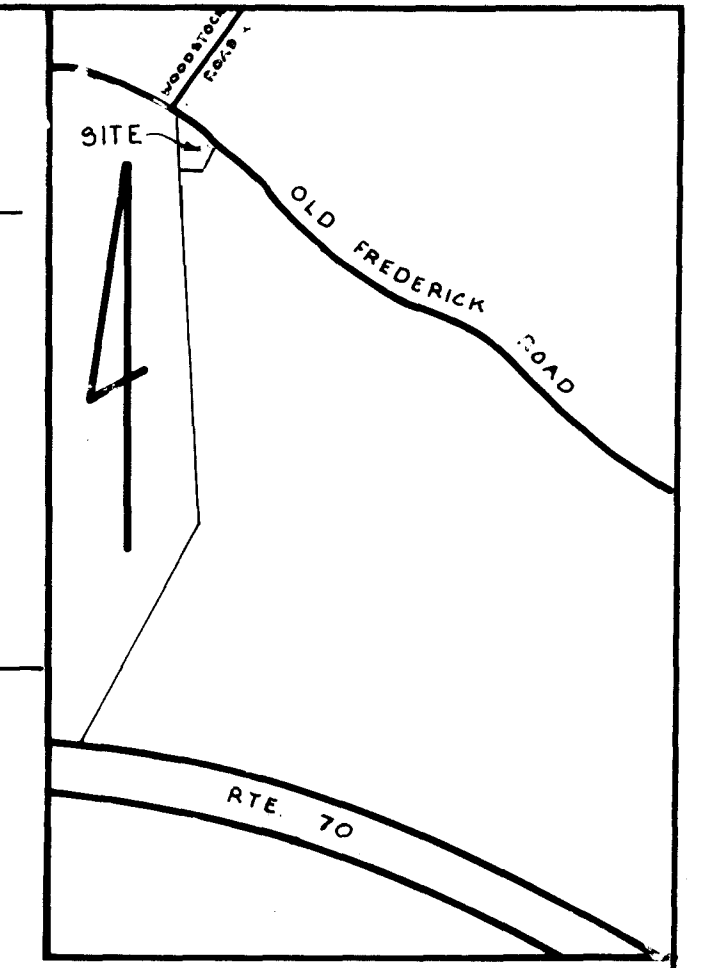
ONSITE PRIVATE PAVING SECTION
 NOT TO SCALE
 AS PER UNITED STATES POSTAL SERVICE SPECIFICATIONS

PLAN
 SCALE 1" = 30'

- SEDIMENT CONTROL NOTES**
- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permit prior to the start of any construction. (192-2433)
 - 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - 3) Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 30 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1. It is to be done on all other disturbed or graded areas on the project site.
 - 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with 101.11, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - 5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings mulching (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulch alone can only be done when recommended seeding rates do not allow for proper germination and establishment of grasses.
 - 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 - 7) Site Analysis:
 Total Area of Site: 2.97 Acres
 Area Disturbed: 2.97 Acres
 Area to be roofed or paved: 2.97 Acres
 Area to be vegetatively stabilized: 0.00 Acres
 Total Cut: 42,500 Cu. Yds.
 Total Fill: 42,500 Cu. Yds.
 Disposal waste/borrow area location:
 - 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
 - 9) Additional sediment controls must be provided, if deemed necessary by the Howard County SDC sediment control inspector.
 - 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.



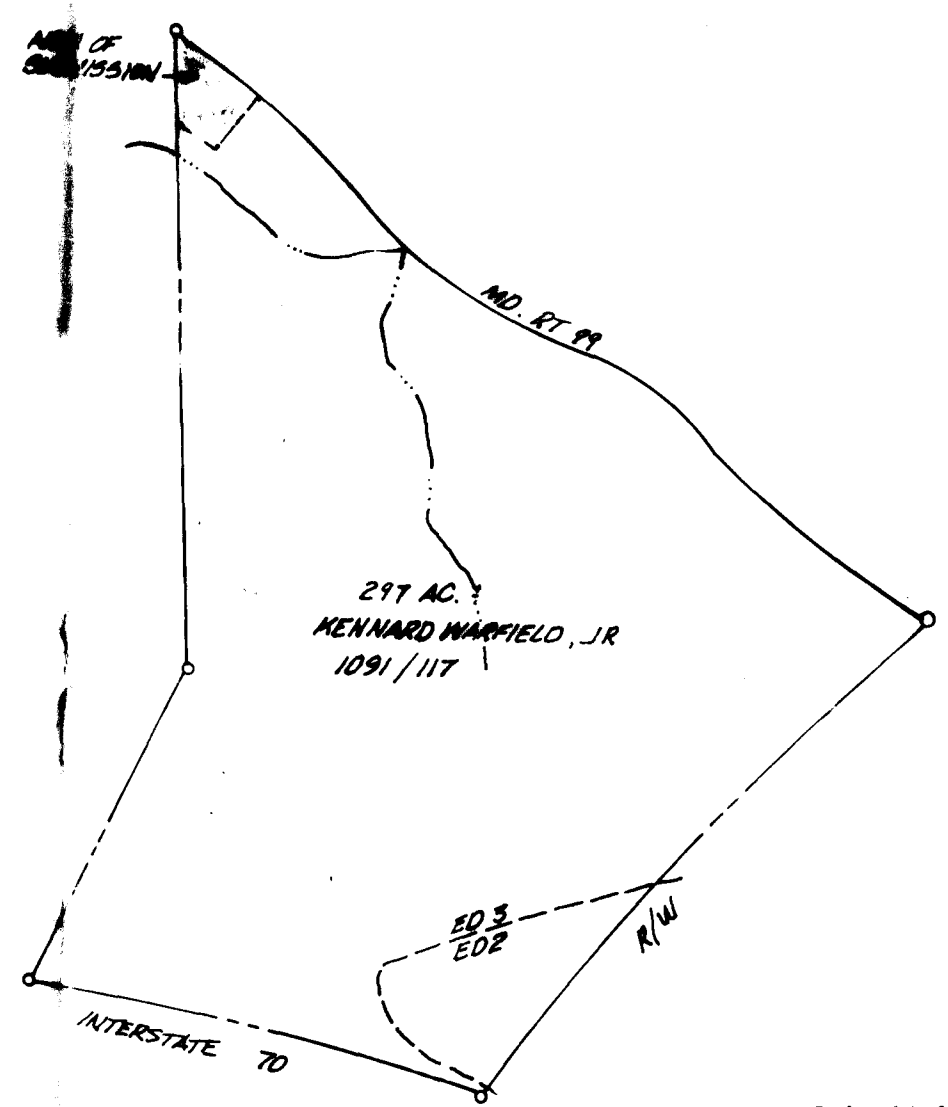
ELEVATION
 SCALE: 1/8" = 1'-0"



VICINITY MAP
 SCALE: 1" = 1200'

GENERAL NOTES

- 1) TAX MAP 16, PART OF PARCEL 22
- 2) DEED REFERENCE, 1091/117 et seq.
- 3) EX ZONING; R
- 4) TOTAL AREA OF SITE 2.97 AC AREA OF SUBMISSION 2.6 AC.
- 5) PROPOSED SITE USE; POST OFFICE
- 6) PARKING REQUIRED,
 7 SPACES PER 10 EMPLOYEES
 1 SPACE PER 200 SQ. FT. OF RETAIL SERVICE AREA
 MAXIMUM NO. OF EMPLOYEES; 6
 PARKING SPACES REQUIRED; 4
 AREA OF BUILDING; 2,254.3 SQ. FT.
 PARKING SPACES REQUIRED; 13
 TOTAL PARKING SPACES REQUIRED; 17
 TOTAL PARKING SPACES PROVIDED; 18 (INCL. 1 H/C SPACE)
- 7) BUILDING COVERAGE:
 BUILDING FLOOR AREA: 2,254.3 SQ. FT.
 % OF SITE 2,254.3 / 2,970 = 0.022 OR 2.2%



SCALE: 1" = 800'

OWNER/DEVELOPER

KENNARD WARFIELD, JR.
 14663 TRIADAPLHIA ROAD
 GREENGL MARYLAND 21737

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

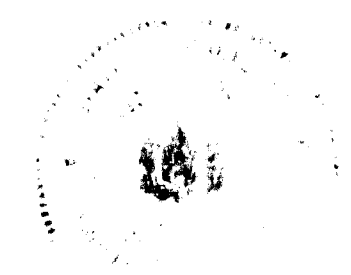
DEVELOPER: *Kennard Warfield, Jr.* DATE: 10-4-85

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER: *Walter P. Smith* DATE: 10-4-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
PLANNING DIRECTOR _____ DATE _____	COUNTY HEALTH OFFICER _____ DATE _____
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION _____ DATE _____	REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
APPROVED: FOR DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.	U.S. SOIL CONSERVATION SERVICE _____ DATE _____
DIRECTOR _____ DATE _____	THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
CHIEF, BUREAU OF ENGINEERING _____ DATE _____	SOIL CONSERVATION DISTRICT _____ DATE _____



Walter P. Smith 10-3-85

SUBDIVISION NAME NONE		SECT./AREA 16	LOT/PARCEL # 22	TITLE SITE DEVELOPMENT PLAN	
PLAT # OR L/P 1091/117	BLOCK # 6	SOVE R	TAX/USE INV 3 RD	ELAC. DIST. 3 RD	CONSERV. TR.
PROJECT UNITED STATES POST OFFICE, WOODSTOCK, MARYLAND 21163		LOCATION THIRD ELECTION DISTRICT HOWARD CO. MD.			
MATERIAL CODE N.A.		SEWER CODE N.A.		SCALE: NOTED	
ADDRESS CHART		DESIGNED BY J.T.N.	DRAWN BY B.G.	CHECKED BY B.G.	DATE AUG. 1985
LOT NUMBER	STREET ADDRESS 10901 OLD FREDRICK ROAD		FIELD BOOK	PAGE NO.	JOB NO. 82190
				DRAWING NO. 1 OF 2	

boender associates
 inc.
 consulting engineers
 land surveyors
 land planners

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 (301) 465-7177