MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 1 [illegible]
ENVIRONMENTAL HEALTH

WELL RECORD Well Permit No. 8795

MAIL COMPLETED FORM TO: WELL WATER SUPPLIES

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD, CHARLOTTE, N. C. 28203

Drilling Contractor LASSITER WELL DRILLING CO.

1. Location of property DAVIDSON
2. Name of owner JAMES BRADFORD
   Address RT 1 BOX 1628 DAVIDSON, NC
3. Does this well replace an existing well? NO
4. Topography (circle one): draw, slope, hilltop, valley, flat
5. Use of well RES Date completed 6-20-78
6. Rig type or method 6" AIR Total depth 314 ft.
7. Casing:

	Depth		Inside Diam.	Wall thick. or Wt./ft.	Type
From	0	to 21 ft.		in.	

8. Grout:

	Depth		Material	Method
From	0	to 20 ft.	cemented	

9. Liner, if used: Depth _____ Diameter _____
   No. holes drilled and abandoned _____
10. Water zones (depth and gpm) _____
11. Static water level: 12 ft. above/below top of casing
    which is _____ ft. above land surface. Elev. _____
    Date _____
12. Yield (gpm) 5 Method of testing _____
13. Pumping water level: _____ ft. after _____ hrs.
    at _____ gpm.
14. Water quality good Temperature (°F) _____
15. Well sterilization method _____
16. Permanent pump: _____ Type hth Make _____
    Installed – Date _____ By _____
    Capacity _____ gpm. Hp _____ TDH _____
    Intake depth _____ Airline depth _____
17. Remarks: _____

DRILLING LOG

Depth From	To	Formation
0	21	Pit Gravel
21	314	Blue Granite

I do hereby certify that this well record is true and exact.

John Lassiter 6/20/78
SIGNATURE OF CONTRACTOR OR AGENT

BWS-5-76

Date Received 4-25-75 Apt. No. (S) _____ Application No. (W) 12795

T. C. No. 7-75-[illegible]

Map Date _____

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR WELL WATER SUPPLY PERMIT

NAME OF OWNER Bradford (LAST) James W (FIRST) & Alice S (MIDDLE)

ADDRESS OF OWNER Rt 1 Box 1628 Davidson, NC ZIP 28036

PHONE NO Home 892-1590 Office 333-9211

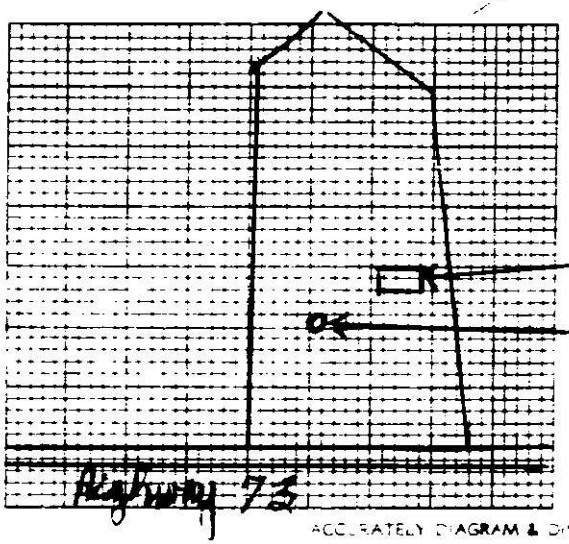
LOCATION OF PROPERTY Highway 73 (5 Miles E. of Davidson)
STREET OR COUNTY ROAD

WELL CONTRACTOR Robert Oehler, Jr LICENSE NO 87

Application is hereby made to the Mecklenburg County Department of Environmental Health for a permit to drill a water well on the hereinabove described lot to be used as a source of ___ individual, ___ semi public, or ___ public water supply

4-21-75
DATE OF APPLICATION

[signature]
OWNER



ACCURATELY DIAGRAM & DIMENSION LOT

Remarks: _____

Application approved and permit hereby granted

Permit No: _____

[signature]
ENVIRONMENTALIST

EHC-5-76

Environmental Health Department's Copy

Date Received 5/31/78

APT No. 1395

T. C. No. 007-182-04

Map Date ———

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Bradford, James W + Bradford, Alice S
LAST FIRST MIDDLE

2) ADDRESS OF OWNER Rt 1 Box 1628, Davidson NC ZIP 28036

3) PHONE NO. Home 892-1590 Office 333-9211

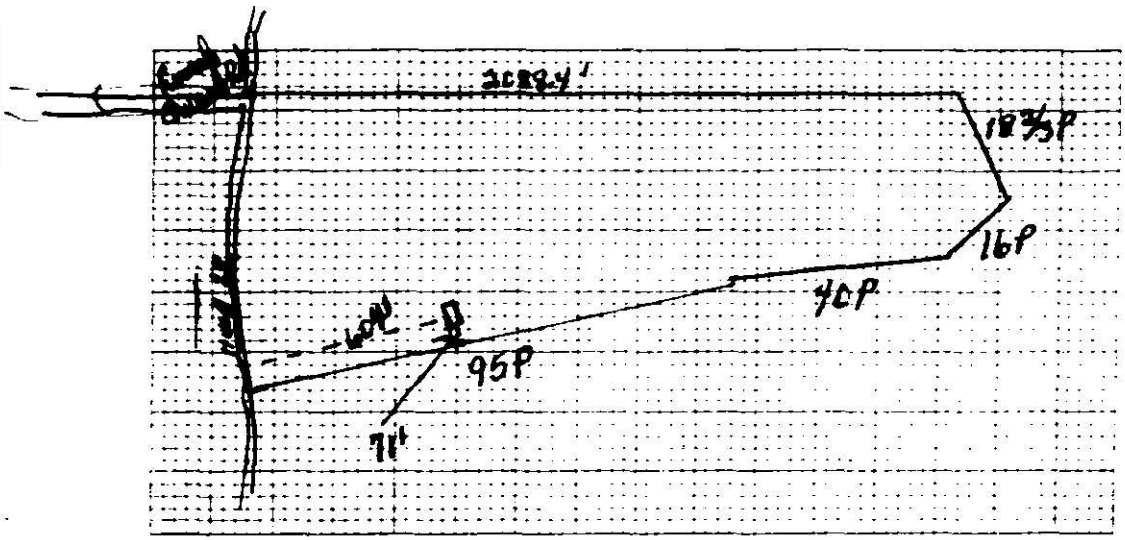
4) LOCATION OF PROPERTY NC 73 5 M E Davidson 3 M E Ramah Church Rd
STREET OR COUNTY ROAD

5) SUBDIVISION ——— LOT NO ——— BLOCK NO ———

MAP BOOK NO ——— PAGE NO ———

6) DEED REFERENCE DEED BOOK 4037 PAGE NO 0907

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and an on site inspection of the lot hereinafter described for the purpose of determining if the lot is suitable for the installation of an individual sewage wastewater treatment system with subsurface soil absorption effluent discharge



7) ACCURATELY DIAGRAM & DIMENSION LOT

James W Bradford
OWNER

EHD-5-76

Environmental Health Department's Copy

appt# 13795

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX H
SITE EVALUATION

(Ground Absorption Sewage Disposal)

OWNER: Bradford, J.W. DATE REQUESTED: —
ADDRESS: RT #1 Box 1625 Dandson PLAT NO.: P.O. 007-16204
COUNTY: Polk 28636 LOT SIZE: 35 acres
LOCATION OF SITE: Hwy #73 E.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 8%	(S) PS U 3%	S PS U	S PS U +
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1, Clay)	S (PS) SANDY U	S PS ROCK (U)	S PS U	S PS U
3. SOIL STRUCTURE (12.36 in.) (Clayey Soils)	S PS Sandy U	S PS MASSIVE (U)	S PS U	S PS U
4. SOIL DEPTH (In.)	(S) PS 48" U	S PS 24" U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Imprevious Strata, Rock)	(S) 76' to Rock PS U	S <@24" PS to Rock U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & Internal)	(S) 76' to water PS U	(S) 76' to water PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S (PS) MOD U	S PS SLOW (U)	S PS U	S PS U
8. OTHER (Specify)	(S) Adequate area PS U	(S) Adequate area PS U	S PS U	S PS U
9. SITE CLASSIFICATION →	PROV. SUITABLE	UNSUITABLE		
SOIL SERIES	—	Wilkes		

S - Suitable PS - Provisionally Suitable U - Unsuitable

* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope patterns, etc)

Recommendations/Comments: _____

Described By: J.M. Reynolds
Title: Environmentalist Date: 6 Apr 78

DHS Form 2601 (2/77)
Sanitation

308
264
330
330
house
Proposed Site
1
2
Slope head area. Sinkhole exits
170

Serial No. 1792

PTR No. 13796

Date Issued 4/11/78

T C No. 007-182-04

Map Date -

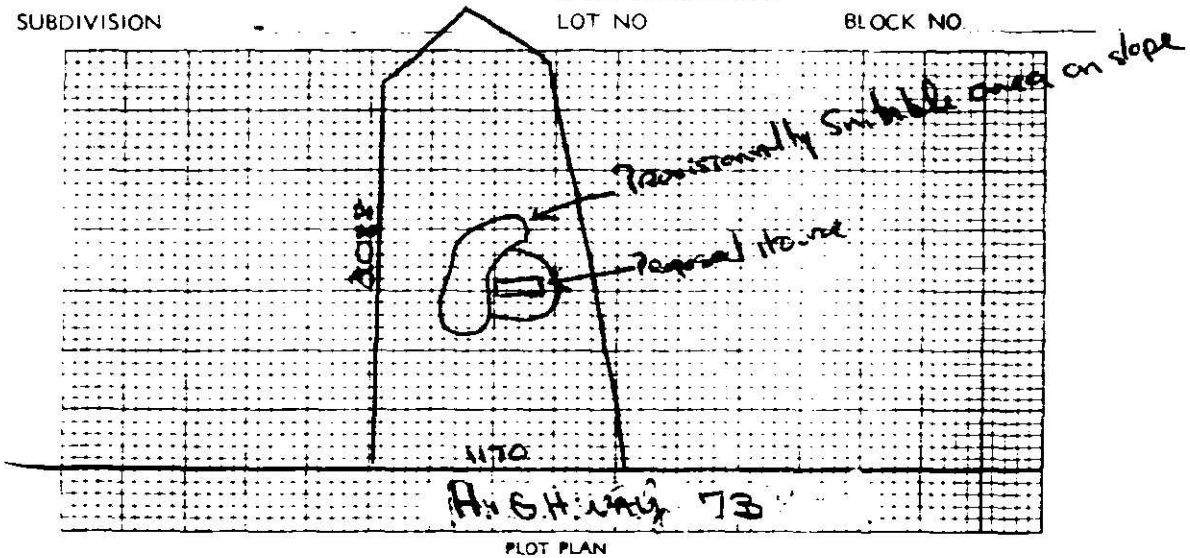
MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
SOIL INVESTIGATION REPORT

NAME OF OWNER Bradford, James W. & Alice S.
(LAST FIRST MIDDLE)

ADDRESS OF OWNER Route 1, Box 1628, Davidson, N. C. ZIP 28036

LOCATION OF PROPERTY HIGHWAY 73
(STREET OR COUNTY ROAD)

SUBDIVISION - LOT NO BLOCK NO.



PLOT PLAN

This is to certify that a soil investigation and on-site investigation was made by the Mecklenburg County Department of Environmental Health on the lot described above. The said investigation was conducted on that portion of the lot as indicated on the above plot. The permeability rate determined by the investigation was **Provisionally Suitable**. The said lot is approved for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption effluent discharge subject to the following terms and conditions:

1. A permit authorizing construction of the wastewater treatment system will be issued by the Mecklenburg County Department of Environmental Health provided the system is installed in accordance with the plans and specifications for the wastewater treatment system on the said lot.
2. The size of the septic tank and wastewater treatment system which must be installed will be determined by the Mecklenburg County Department of Environmental Health prior to issuance of a permit in accordance with the terms of this approval obtained above and on the plan and specifications submitted therein.
3. This approval is valid for a period of one year from the date hereof and shall terminate if the system installation for the above plot
4. This approval and any permit issued pursuant thereto is void if the lot which is the subject of this approval is altered in any way from the lot as it existed and inspected as acceptable for the system installation authorized herein. Installation shall not commence until a permit is issued.

This approval is granted based on the laws of the State of North Carolina and the rules and regulations of the North Carolina Department of Human Resources, Division of Health Services and the Mecklenburg County Health Commission which were in effect on the date of issuance and is void if at any time in the future, prior to completion of the system, these laws, rules and regulations are changed such that this approval would not have been granted had the new or revised laws, rules and regulations been in effect on the issue date.

A. M. Arnold Jr.
Environmentalist

John R. Atkinson
Environmental Health Director or Authorized Section Head

Environmental Health Department's Copy

Date Received 4/5/78

ICAR (S) Application No. 3795

T C No.

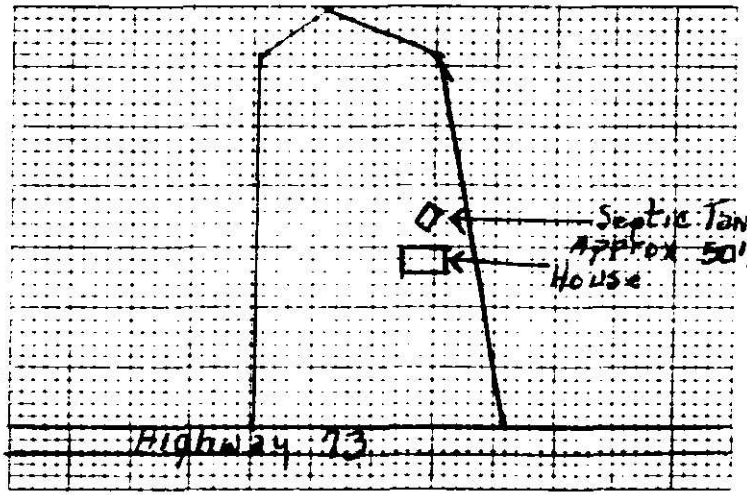
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) ✓ Install or Construct 2) Alter or Repair an individual septic tank wastewater treatment system with a subsurface soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___Yes ✓No
Residence ✓Yes ___No

4) No of Bedrooms 2
5) Business Use — Max No Employees ___
6) Washing Machine ✓Yes ___No
7) Garbage Disposal ___Yes ✓No
8) Dishwasher ✓Yes ___No
9) Water Supply
A) Individual Well ✓
B) Governmental System ___
C) Community System
1) Well source ___
2) Governmental source ___
10) Sewage System
House located within 200 feet of public sewer ___Yes ✓No
House located within 200 feet of community sewer ___Yes ✓No
11) FHA Case No ___
12) VA Case No ___

13) NAME OF OWNER Bradford (LAST) James W & Alice S (FIRST MIDDLE)

14) ADDRESS OF OWNER Rt 1 Box 1628 Davidson, NC 28036

15) PHONE NO Home 892-1540 Office 333-9211

16) LOCATION OF SYSTEM Hwy 73 2 Miles East of Davidson (STREET OR COUNTY ROAD)

17) SUBDIVISION ___ Lot No. ___ Block No. ___

Map Book No ___ Page No. ___

18) DEED REFERENCE — DEED BOOK 4037 AT PAGE 0917

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN 4/11/78

20) PTR NUMBER (See Instructions) 3795

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

4-20-78
DATE OF APPLICATION

James W Bradford
OWNER

EHD-S-76

Environmental Health Department's Copy

Date Issued 4/25/78

Serial No. 1759

LA No. 13795

T. C. No. 007-182-04

Map Date -

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

TO THE BUILDING INSPECTION DEPARTMENT

IMPROVEMENT PERMIT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Bradford (LAST) James (FIRST) W. & Alice S. (MIDDLE)

ADDRESS OF OWNER Rt. 1, Box 1628 Davidson, N. C. ZIP 28036

LOCATION OF LOT Highway 73 (5 miles East of Davidson) (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 13795. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run

2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred, and/or repaired and that the system be installed in accordance with same

This approval may be revoked and the building inspection department requested to revoke any building permit(s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit

L. F. Bridges
Environmentalist

John R. Atkinson
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

13795

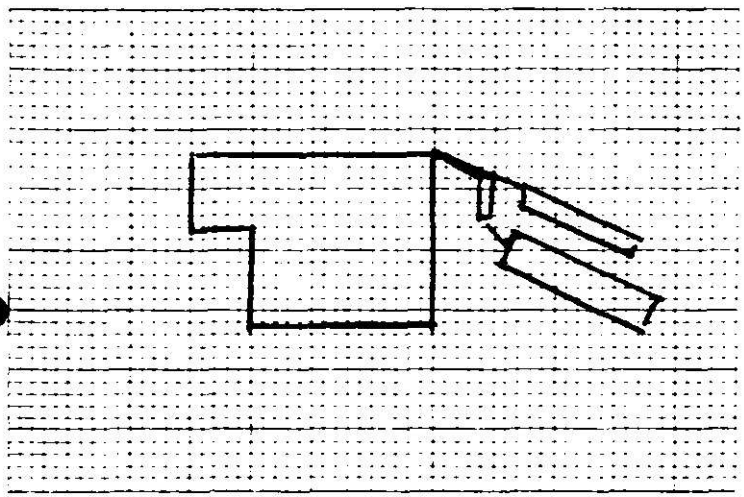
Date Issued 10 Oct 1978 Serial No. 2059 ICAR (S) Permit No. [redacted]

T C No 007-182-04

Map Date ___

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct. ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 13795, dated 4-25-78 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 10 Nov 78, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate: good suitable

Liquid Capacity of Tank: 1500

Tank Construction: precast

Absorption Area in Nitrification Lines

Trench Bottom Length: 330 ft / 100

Number of Lines: 4 & 3

Distance from House: 10'

Distance from Property Line: 10'

Distance from Well: 100'

NAME OF OWNER: Bradford, James W & Alice S.

LOCATION OF PROPERTY: Hwy 73

The system shall meet all applicable construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. **The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.**

Comments: each line in bed 9'x33'x17" stone

Comments: in bed 12'x82'x17"

Division or Section Head

John R Adkinson
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-S-76

Environmental Health Department's Copy

Date Issued Oct. 12, 1978 Serial No. 2009

C of A (s) No 13795

T C No 007-182.04

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH DIVISION
CERTIFICATE OF COMPLETION
CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Bradford (LAST), James (FIRST) W. (MIDDLE)

Location of Property Highway 73

Application Number 13795 Permit Number 13795

Inspection Data:

Liquid Capacity of Tank 1500 gal.s Tank Material pre conc.

Total Length of Drain Tile 330+126 Number of Lines 4+3

Depth of Filter Material 17" Cover Depth 18"

Water Supply Source well Distance from Water Source 100'

Excavation Inspected — (DATE) Tank Inspected — (DATE)

Nitrification Field Inspected Oct. 12, 1978 (DATE)

Washing Machine Line Inspected, If Applicable Oct. 12, 1978 (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, ____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Comments System installed as permitted.
Poor soils.

Michael A. Sexton
Environmentalist

EHD-S-76

Environmental Health Department's Copy