

10022 EDWARD'S PL

13724117

12/17/07

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

CERTIFICATE OF COMPLETION/OPERATION PERMIT

DUP

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 101-D DATE: 6-24-94

TC: 137-132-03 ☐ L ~~☐~~ CRT

SERIAL Nº 15953

Name of Owner DUBLIN HOMES Juris.:

Address of Property 10022 EDWARDS PLACE

Inspection Data:

Tank Material PCC

Total Length of Drainfield 200

Number of Lines 4 @ 50

Cover Depth 6-12"

Water Supply Source Commwell

Distance to Water Source 100'+

Excavation Inspected 6-23-94

Tank(s) Inspected 6-23-94

Wash Line Inspected ✓

High Water Alarm Inspected ✓

PLOT

Design: 1994 1500 ST MOD PBBS 400SFT 305 CECIC CTR# RCS INC

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☐ installed or constructed ☐ altered or repaired

☑ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☐ Certificate of Completion ☑ Operation Permit

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 document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of ~~10 NCAC 10A~~ 15A NCAC 18A .1900 in addition to those listed below under "COMMENTS." This document 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:

Kelly Randall
Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

400TY

Pd 300.00 CK# 30030
5-28-92

file #101B.

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

DAVE I Block

[ ] CRT

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

Date: 6/4/92

PERSON FILING APPLICATION:
NAME: Whittaker (last) Tim (first) W. (mi)
ADDRESS: 512 South St. PHONE: (704) 866-9540
CITY: Gastonia STATE: NC ZIPCODE: 28052

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 137-132-03
STREET ADDRESS: ~~10723~~ 10022 Edwards Pl.
ZONING:

PROPERTY OWNER:
NAME: Moser (last) Dan (first) Company (mi)
ADDRESS: 2101 Sardis Rd. North PHONE: (704) 845-1378
CITY: Charlotte STATE: NC ZIPCODE: 28227

SUBDIVISION OR MOBILE HOME PARK NAME: Bainbridge III

Township (check one):
[ ] 0 Mecklenburg County [ ] 2 Davidson [ ] 4 Pineville [ ] 6 Huntersville
[ ] 1 Charlotte [ ] 3 Cornelius [ ] 5 Matthews [X] 7 Mint Hill

LOT NUMBER: 14-1 LOT SIZE (in acres):

TYPE APPLICATION (check one):
[ ] SOIL TEST - INDIVIDUAL LOT (D)
[X] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[ ] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[ ] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[ ] COMMERCIAL OR INDUSTRIAL (N)
[ ] SOIL TEST DEVELOPMENT (P)
[ ] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
PB [ ] MODIFIED/ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[ ] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[ ] SINGLE MOBILE HOME (S) [ ] HOUSE (H) [ ] MULTIPLE FAMILY (U)
[ ] DOUBLE WIDE (D) [ ] MODULAR HOME (M) [ ] OTHER ____ (O)

NUMBER BEDROOMS: 3 NUMBER OCCUPANTS: 6
SYSTEM CLASSIFICATION: modified PB

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[X] Community (C) [ ] Shared Well (S)
[ ] Municipal (M) [ ] Other 'spring' (O)
[ ] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[ ] Swimming Pool [ ] Jacuzzi [ ] Stable/Barn [ ] Workshop [ ] None
[ ] Garage [ ] Storage Building [X] Deck/Patio [ ] Bedrooms [ ] Other
Deck to be included in initial bld. phase.

The undersigned, owner, or legal agent for the owner, of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Tim Whittaker Date: 6/4/92

NOTICE: for Dan Moser, Co.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

...No work shall be conducted on the septic tank system until an installation, Construction, Alteration and/or Repair approval is granted by this Department.

...This permit is not transferable.

... PROVIDE TYPE IV EXIT OF REQUIRED ALTERNATION FORMS ON FILE

[X] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[ ] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[ ] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

Director or Authorized Section Head 10-8-92 Date

WWATER : 122791

TO: ENVIRONMENTAL HEALTH DEPT.
BUILDING STANDARDS DEPT.
DEPT. OF ENVIRONMENTAL PROTECTION/
SOLID AND HAZARDOUS WASTE

DATE 7-20-92

FROM: COUNTY ENGINEERING DEPARTMENT

EHD FILE _____ JURISDICTION CODE Mint

PARCEL NUMBER 137-132-03 00

ASSIGNED ADDRESS 10022 Edward's Pl

EXISTING ADDRESS Lot 14 Blk 1

PROJECT NAME Bainbridge 3

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	DISAPPROVED
1. SUBDIVISION REGULATIONS	/ /	/ /*
2. FLOODWAY REGULATIONS	/ /	/ /*
3. EROSION CONTROL REGULATIONS	/ /	/ /*
4. PUBLIC UTILITY EASEMENT	/ /	/ /*

	PRESENT	NOT PRESENT
5. PUBLIC UTILITY EASEMENT	/ /*	/ /
6. PROPERTY FRONTS ON THOROUGHFARE	/ /*	/ /
7. DRIVEWAY PERMIT REQUIRED	/ /*	/ /

*If checked, further investigation will be required to determine whether a building permit can be issued by Building Standards for the site.

REMARKS: Septic Tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIER'S OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.
A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

SIGNED: _____

OPWEAR 06-88

NEW ADDRESS / /*

FORM 100

Mecklenburg County

Health Department

Betty S. Snow, R.N., M.A.
Health Director

June 09, 1992

Dan Moser Company
2101 Sardis Road North, #110
Charlotte, NC 28227

Re: 10723 Edward's Place
File: 7991A/101B
Parcel: 137-132-03PO

Gentlemen:

Receipt of your plans for a modified waste disposal system for the property referenced above is acknowledged.

Your plans for the modified system for the above property as submitted are approved with the following comments:

-The well should be located 100 feet or no less than 50 feet away from any part of the sewer disposal system and repair area.

-Water saving plumbing devices and low flush toilets should be installed when constructing the residence.

-Occupants to utilize maximum water conservation measures where ever possible.

-Effectively rake and lime all trench sidewalls

-Landscaping of repair area to be undisturbed. No grading, shaping, or altering in anyway.

Upon execution and recording with the Register of Deeds Division Office, Mecklenburg County, of the enclosed "Septic Tank Agreement Form", an Improvements Permit may be issued by this office.

Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

KR/wpg

Enclosures - 3 Septic Tank Agreement Forms

Action

	AREA 5

Mecklenburg County
Health Department

February 4th, 1992

Dan L. Moser
2101 Sardis Road North #110
Charlotte, NC 28227

RE: Property located at 101723 Edward's Place 14/1
FILE: 7991A /0101B
PARCEL: 137-132-03PO

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 12452) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Very truly yours,

Gene Vaughan, R.S., Supervisor
Individual Water and Wastewater Systems

Enclosure (2)

Dan Moser Company

July 20, 1992

Mecklenburg County
Charlotte, NC

Re: Lot 14 Block 1 Bainbridge III

Attn: Lorraine

Please transfer the permit fee of $300.00 we included in our check number 030030 dated 5/14/92 for Lot 14 Block 1 Bainbridge III to Jim & Carol Davis who purchased the lot from Dan Moser Company..

If you have any questions, please contact our office.

Very truly yours,

DAN MOSER COMPANY

Dan L. Moser
President

DLM/cw

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 12452

File: 7991A/01018 Action 2
Parcel: PO 137-132-03 ☑ PC

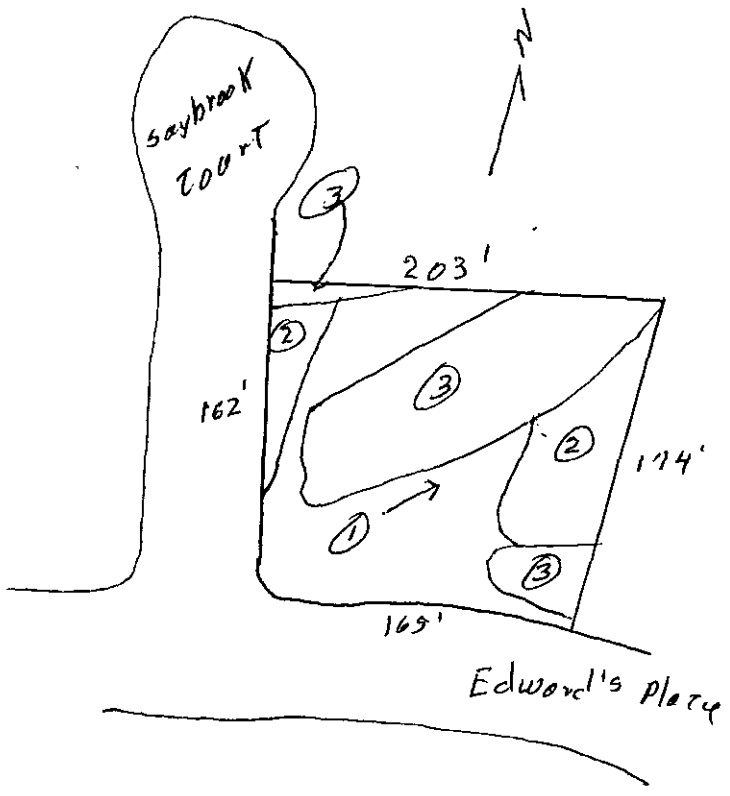
Location: 10722 Edward's Place
10022
Subdivision: Bainbridge III

Lot: 14 Block: 1 Acres: .69

Owner: Dan L. Moser
Address: 2101 Sardis Road N. #110
Charlotte, N.C. 28227

Comments: 100% Repair

Described by: William B. Mecki
Date: 1-31-92



***** EVALUATION KEY *****
S = Suitable U = Unsuitable
PS = *Provisionally Suitable*
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-10%	(S) PS U 2-10%	S PS (U) complex slopes	S PS U	S PS U	S PS U
Texture	S PS (U) Expansive clay	S (PS) U slightly clay Expansive	S PS U —	S PS U	S PS U	S PS U
Structure	S (PS) U subblock	S (PS) U subblock	S PS U —	S PS U	S PS U	S PS U
Drainage	S (PS) U >36" to water	S (PS) U >36" to water	S PS U —	S PS U	S PS U	S PS U
Depth	S PS (U) 30-36"	S (PS) U >36"	S PS U —	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U >36"	S (PS) U >36"	S PS U —	S PS U	S PS U	S PS U
Available Space	S PS (U) Restrictal	S PS (U) Restrictal	S PS U —	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	Mecklenburg Lille	Cecil-Lille IV	Complex slopes			
Area Classification	S PS (U)	S PS (U)	S PS (U)	S PS U	S PS U	S PS U

$400 006

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)
(0101B)
FILE: 7991A
TC: 127-132-03
☑ PC ☐ REPT

$50 ck # 29081 01/09/92

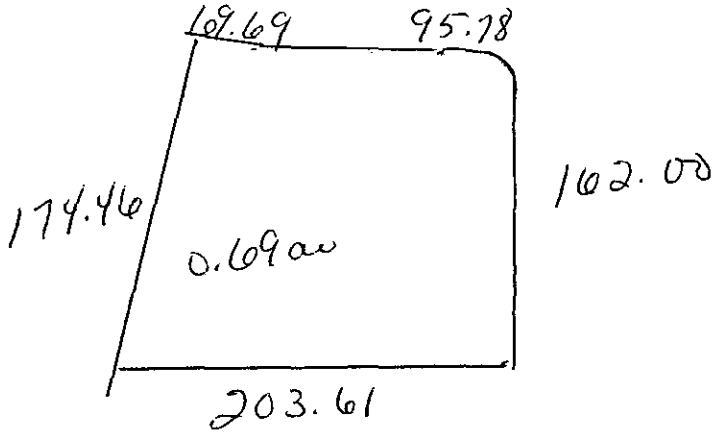
JOB LOCATION

① ADDRESS: 10123 Edward's Place, Mint Hill
② SUBDIVISION: Bainbridge II ③ LOT: 14 ④ BLOCK: 1
⑤ PARCEL REFERENCE: BOOK NO.: 127 PAGE NO.: 132 PARCEL NO.: 03
⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

⑦ NAME: Dan (FIRST) L (MIDDLE) Moser (LAST)
⑧ MAILING ADDRESS: 2107 Sardis Rd N # 110
⑨ CITY: Charlotte ⑩ STATE: _____ ⑪ ZIP: 28227
⑫ PHONE: (WORK) 845-1378 (HOME) 845-1293

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: _____

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Date: _____

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

Jim Davis

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)
(CHID)
FILE: 79-11A
TC: 137-132-03.
☑ PC ☐ REPT

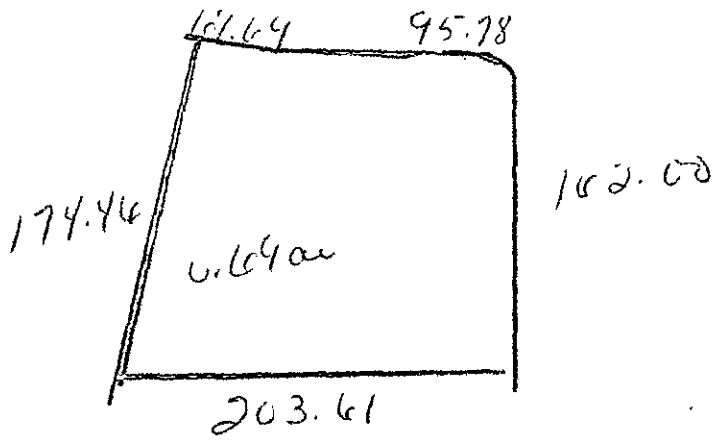
JOB LOCATION

① ADDRESS: 10123 Edward's Place, Mint Hill
② SUBDIVISION: Bainbridge III ③ LOT: 14 ④ BLOCK: 1
⑤ PARCEL REFERENCE: BOOK NO.: 137 PAGE NO.: 132 PARCEL NO.: 03
⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

⑦ NAME: Dan (FIRST) L (MIDDLE) Moser (LAST)
⑧ MAILING ADDRESS: 2101 Sardis Rd N # 110
⑨ CITY: Charlotte ⑩ STATE: _____ ⑪ ZIP: 28207
⑫ PHONE: (WORK) 845-1378 (HOME) 845-1293

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: _____

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Date: _____

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

Jim Morris

SINGLE FAMILY RESIDENCE

PPBPS ALTERNATIVE GROUND ABSORPTION

WASTEWATER DISPOSAL SYSTEM

for

Bainbridge III

Lot 14 Block 1
Edwards Place
File No. 0101B-7991A
PO 137-132-03

Mecklenburg County, North Carolina

May 26, 1992

To: Dan L. Moser
2101 Sardis Road North, Suite 110
Charlotte, North Carolina 28227

Prepared By: Tim Whittaker
Prenco, Incorporated
(704)866-9540



PRENCO INCORPORATED

DESIGN SPECIFICATIONS FOR ON-SITE WASTE DISPOSAL SYSTEM

NUMBER BEDROOMS: THREE (3)
DAILY DESIGN WASTE FLOW: (360) GPD.
EFFLUENT LOADING RATE (LTAR): (.3) GPD/SF.
SQUARE FOOTAGE: (1200) SQ.FT.
LINEAR FOOTAGE: (400) FT.
SEPTIC TANK SIZE: (1500) GAL. (2-COMPARTMENT)
PUMP TANK SIZE: (1000) GAL.
PUMP SIZING COMPONENTS: (24.55) GPM @ (29) FT. HEAD PRESSURE
OTHER DESIGN COMPONENTS: NA

SYSTEM CLASSIFICATION: III (THREE)

SYSTEM TYPE:

CONVENTIONAL
MODIFIED CONVENTIONAL
(SHALLOW PLACEMENT)
AEROBIC TREATMENT UNITS (ATU)
FILL
✓16 INCH PPBPS
GRAVITY DISTRIBUTION
✓PRESSURE DISTRIBUTION
LPPS(LOW PRESSURE PIPE SYSTEM)
ALTERNATING DUAL FIELDS
GRAVELLESS NITRIFICATION TRENCH
LARGE DIAMETER PIPE
MOUND
NON-GROUND ABSORPTION
PRIVY
OTHER

NOTE: ALL SYSTEM DESIGN CRITERIA SPECIFICATIONS, CALCULATIONS, AND COMPONENTS COMPLY WITH STATE AND LOCAL LAWS, RULES, REGULATIONS, AND ORDINANCES AS THEY PERTAIN TO SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL. THE OWNER ACKNOWLEDGES THAT SYSTEM DESIGN HAS BEEN ACHIEVED BY THOROUGHLY REVIEWING ALL AVAILABLE OPTIONS AND BY UTILIZING INFORMATION PROVIDED BY SAME IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. ANY CHANGE IN SYSTEM SIZE, LOCATION, OR THE COMPONENTS UPON WHICH THE SYSTEM WAS DESIGNED EITHER BY OWNER OR AUTHORIZED AGENT WITHOUT PRIOR APPROVAL OF THE LOCAL HEALTH AUTHORITY MAY RESULT IN POSSIBLE LOT RECLASSIFICATION AND/OR DISAPPROVAL.

PRENCO INCORPORATED

CALCULATION CRITERIA FOR LOW PRESSURE
PUMPED SYSTEMS

SUPPLY LINE LENGTH- (200)
SUPPLY LINE DIAMETER- (2" SCH 40)
TOTAL LATERAL LENGTH- (216')
LATERAL DIAMETER- (1 1/4")
LATERAL CONFIGURATION
MANIFOLD PLACEMENT- (SIDE)

PUMPING REQUIREMENTS:

PUMP SIZE GPM = TOTAL PER MINUTE LINE FLOW
20.46 TTL GPM * 1.2 = 24.55 GPM
PUMP SIZE 25 GPM @ 29 FEET OF HEAD
PUMPING CYCLE 147.3 GALLONS OR 7.2 MINUTES

7.2 +20.4

TOTAL DYNAMIC HEAD PRESSURE: 146.8

FRICTION LOSS:
SUPPLY LINE = 200 LF;200 LF/100 * 1.10 = FRICTION HEAD OF 2.2 FT
20% FITTINGS BUFFER = 2.20 FHD * 1.2 = TOTAL FRICTION HEAD OF 2.64FT

TOTAL DYNAMIC HEAD:

FRICTION HEAD = 2.64FT
LINE HEAD = 3FT (STAND PIPE HEIGHT OF UPPERMOST LINE)
ELEVATIONAL HEAD = 18.3FT (ELEVATION OF THE HIGHEST LINE)
E107.1 - E94.8 = 12.3' + 6'TANK BOTTOM

(TDH)TOTAL DYNAMIC HEAD = 23.94FT
20% TDH BUFFER = 23.94 * 1.2 = 28.73 OR 29FT(TOTAL HEAD PRESSURE)

IF APPLICABLE:

STORAGE VOLUME IN LATERALS - NA
STORAGE VOLUME IN SUPPLY LINE - NA
TOTAL STORAGE VOLUME - NA
DOSING VOLUME - 147.3 GALLONS
DOSING DEPTH - (147.3/1000 GALLONS) * 4.0FT = .58FT = 7INCHES
CHECK VALVE - YES
GLOBE VALVE OR GATE VALVE AT EACH LINE: YES

NOTE: SPECIAL INSTRUCTIONS:
EACH LINE HAVING A GLOBE VALVE OR GATE VALVE AT ITS BEGINNING SHALL HAVE THE VALVE HOUSED INSIDE A PLASTIC VALVE BOX WITH A LID AT GROUND SURFACE.

TURN-UPS SHALL BE EXTENDED FROM TRENCH BOTTOM TO JUST BELOW GROUND SURFACE AND COVERED WITH A PLASTIC CUP AND COVER. THE LINE SHALL BE CAPPED WITH A THREADED FITTING AND PLUG. THE TURN-UPS THAT ARE CUT OFF SHALL BE MARKED AS TO THE VALVED LINE THEY GO TO AND SAVED FOR FUTURE SYSTEM MAINTENANCE.

REFERENCES:

(1) DESIGN AND INSTALLATION OF LOW PRESSURE PIPE WASTE WATER TREATMENT SYSTEMS BY:CRAIG COGGER; BOBBY L. CARLISLE; DENNIS OSBORNE; ED HOLLAND.PUBLISHED BY: UNC SEA GRANT COLLEGE PUB. UNC-SC-82-03 MAY, 1982.

(2) EPA DESIGN MANUAL;ONSITE WASTEWATER TREATEMENT AND DISPOSAL SYSTEMS OCTOBER, 1980; CHAPTER 7 (DISPOSAL METHODS)

(3) LAWS AND RULES FOR SANITARY SEWAGE COLLECTION, TREATEMENT, AND DISPOSAL; 10 NCAC 10A SECTION .1957 DESIGN CRITERIA FOR DESIGN OF ALTERNATIVE SEWAGE SYSTEMS (PARAGRAPH A) LOW-PRESSURE PIPE SYSTEMS.

DESIGN SPECIFICATIONS
FOR
ON-SITE WASTE DISPOSAL SYSTEM
CONTINUED

SYSTEM TYPE:
CONVENTIONAL
CONVENTIONAL (SHALLOW PLACEMENT)
16-INCH PPBPS-GRAVITY DISTRIBUTION
16-INCH PPBPS-PRESSURE DISTRIBUTION
LPPS
OTHER

SPECIALIZED EQUIPMENT OR REQUIREMENTS:

DROP BOX	WELL ABANDONEMENT
DISTRIBUTION BOX	EASEMENT
DIPPER BOX	LOT COMBINATION/SURVEY
FLOW DIVIDER	EARTHEN SURFACE SWELL
WASH BOX	FRENCH/CURTAIN DRAINS
SPECIAL FITTINGS	GREASE INTERCEPTOR
PRESSURE MANIFOLD	✓**PUMP TANK (1000 GALLON)**
SIPHON	SAPROLITE TEST
MULTIPLE PUMPS	✓**SEPTIC TANK (1500 GALLON)**
OTHER	

LINE	#PANELS PER LINE	#HOLES PER PANEL	HOLE SIZE	HOLE SPACING	LINE HEAD	LINE LENGTH	HOLE FLOW	PER MINUTE LINE FLOW
A	11	1	5/32		3'	48'	.50GPM	5.5GPM
B	10	1	5/32		3'	41'	.50	5.0
C	14	1	5/32		2'	60'	.41	5.74
D	16	1	1/8		2'	67'	.26	4.16
TOTAL	51					216 LFT		20.4GPM
E	REPAIR					17'		
F	REPAIR					29'		
G	REPAIR					41'		
H	REPAIR					45'		
I	REPAIR					25'		
J	REPAIR					11'		
K	REPAIR					11'		
L	REPAIR					7'		
TOTAL REPAIR						186 LFT		
CUMULATIVE TOTAL						402 LFT		

PRENCO,INC.

MAINTENANCE OF SEWAGE SYSTEMS

EFFECTIVE (JULY 01,1992) IN ACCORDANCE WITH 10 NCAC 10A .1961 MAINTENANCE OF SEWAGE SYSTEMS ANY PERSON OWNING OR CONTROLLING THE PROPERTY UPON WHICH A GROUND ABSORPTION SEWAGE SYSTEM IS INSTALLED SHALL BE RESPONSIBLE FOR THE FOLLOWING REGARDING THE MAINTENANCE OF THE SYSTEM:

(1)GROUND ABSORPTION SEWAGE TREATMENT AND DISPOSAL SYSTEMS SHALL BE MAINTAINED AT ALL TIMES TO PREVENT SEEPAGE OR DISCHARGE OF SEWAGE OR EFFLUENT TO THE SURFACE OF THE GROUND OR TO SURFACE WATERS.

(2)GROUND ABSORPTION SEWAGE TREATMENT AND DISPOSAL SYSTEMS SHALL BE CHECKED, AND THE CONTENTS OF THE SEPTIC TANK REMOVED, PERIODICALLY TO ENSURE PROPER OPERATION OF THE SYSTEM.

A CONTRACT SHALL BE EXECUTED BETWEEN THE SYSTEM OWNER AND A MANAGEMENT ENTITY PRIOR TO THE ISSUANCE OF THE OPERATION PERMIT. A CONDITION OF THE OPERATION PERMIT SHALL BE THAT A PROPERLY EXECUTED CONTRACT BETWEEN THE SYSTEM OWNER AND A MANAGEMENT ENTITY SHALL BE IN EFFECT FOR AS LONG AS THE SYSTEM IS IN USE.
NOTE:NO IMPROVEMENT PERMIT SHALL BE ISSUED FOR TYPE IV, TYPE V,OR TYPE VI SYSTEMS UNLESS A MANAGEMENT ENTITY OF THE TYPE SPECIFIED IS SPECIFICALLY AUTHORIZED, FUNDED, AND OPERATIONAL TO CARRY OUT THE MANAGEMENT PROGRAM IN THE COUNTY IN WHICH THE PROPOSED SYSTEM IS TO BE LOCATED.

EFFECTIVE JULY 01,1992 MANAGEMENT/MAINTENANCE CONTRACTS SHALL BE REQUIRED FOR ALL NEW:

- .PRESSURE DISTRIBUTION SYSTEMS [TYPE IV(A)]
- .ALL SYSTEMS WITH MORE THAN ONE PUMP OR SYPHON[TYPE IV(B)]
- .SAND FILTER PRETREATMENT SYSTEM [TYPE V(A)
- .LARGE CONVENTIONAL SEPTIC TANK SYSTEMS DESIGNED WITH MORE THAN 1500 GPD TO A SINGLE NITRIFICATION FIELD [TYPE V(B)]
- .AEROBIC TREATMENT UNITS [TYPE V (C)]
- .OTHER PRETREATMENT PLANTS WITH A DESIGN FLOW LESS THAN 3000 GPD [TYPE V(D)]
- .ALL PRETREATMENT SYSTEMS WITH DESIGN FLOWS GREATER THAN 3000 GPD
- .WASTEWATER REUSE/RECYCLE SYSTEMS

EFFECTIVE JULY 01,1992 MANAGEMENT/MAINTENANCE CONTRACTS SHALL BE REQUIRED FOR ALL EXISTING:

TYPE V SYSTEMS:

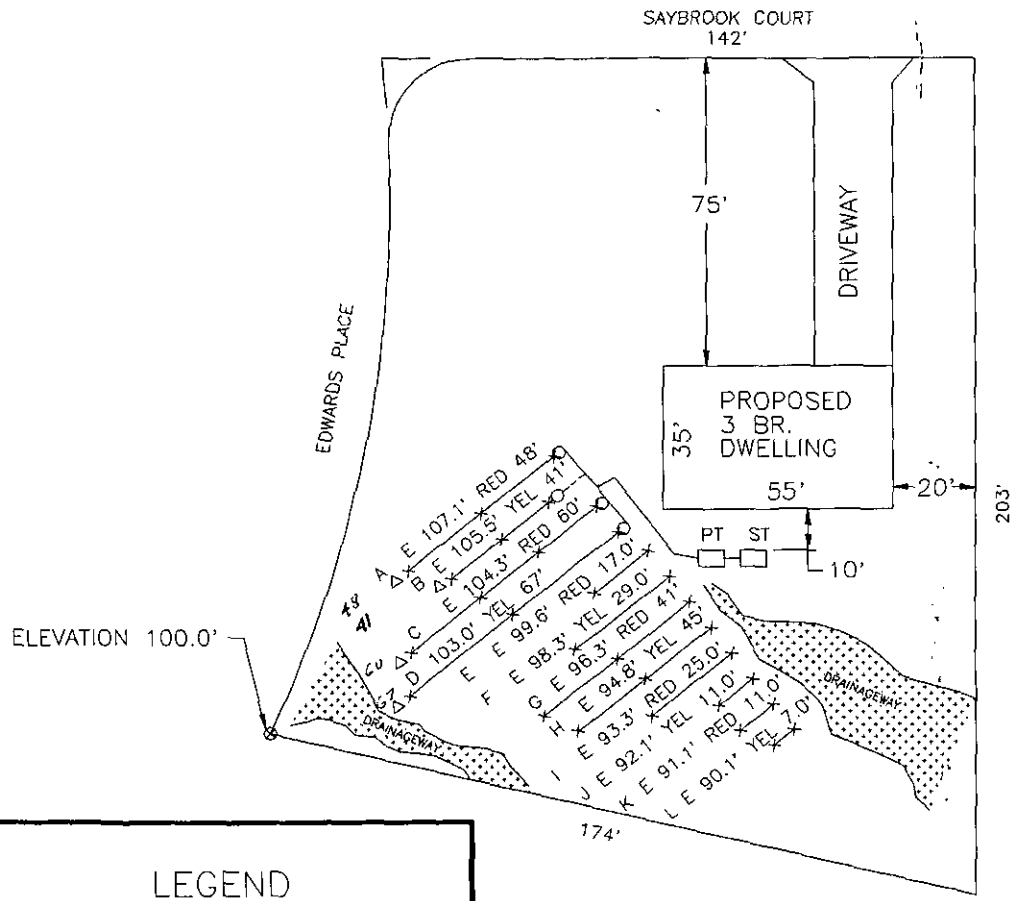
- .SAND FILTER PRETREATMENT SYSTEMS
- .LARGE CONVENTIONAL SYSTEMS WITH A NITRIFICATION FIELD DESIGNED TO RECEIVE MORE THAN 1500 GPD
- .AEROBIC TREATMENT UNITS
- .OTHER PRETREATMENT PLANTS WITH DESIGN FLOWS LESS THAN 3000 GPD

MAITENANCE OF SEWAGE SYSTEMS CONTINUED

TYPE VI SYSTEMS:

- .PRETREATMENT SYSTEMS (PLANTS) WITH DESIGN FLOWS GREATER THAN 3000 GPD
- .WASTEWATER REUSE/RECYCLE SYSTEMS

REFERENCES: LAWS AND RULES FOR SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL; 10 NCAC 10A SECTION .1961 MAINTENANCE OF SEWAGE SYSTEMS



PREPARED FOR: DAN MOSER COMPANY
2101 SARDIS ROAD N.
SUITE 110
CHARLOTTE, NC 28229

BAINBRIDGE III
LOT 14; BLOCK 1

PREPARED BY: TIM WHITTAKER
PRENCO INC.
704-866-9540

NOTES: 1. ALL LINES INSTALLED ON CONTOUR.
2. 16 INCH PANELS INSTALLED PER MANUFACTURERS SPECIFICATIONS.
3. COMMUNITY WATER PROPOSED.

LEGEND

- △ TURN-UP - STAND PIPE
- ○ GATE OR BALL VALVE
- × FLAG
- —— PRIMARY WASTE DISPOSAL FIELD
- - - - REPAIR AREA
- ST SEPTIC TANK 1500 GAL
- PT PUMP TANK 1000 GAL
- ⊗ IRON PIN - ELEVATION 100'

SCALE: 1" = 30'

PRENCO INC.

ENVIRONMENTAL HEALTH CONSULTING & SERVICES
GASTONIA, NC

- ALL LINES SCALED OFF TO 5' CENTERS
- SCALE OFF ON PLAN MORE LIKE 1"=50' BUT STILL NOT RIGHT
- SHOWING 200 LF OF SUPPLY - SCALE? SHOWS 15'

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

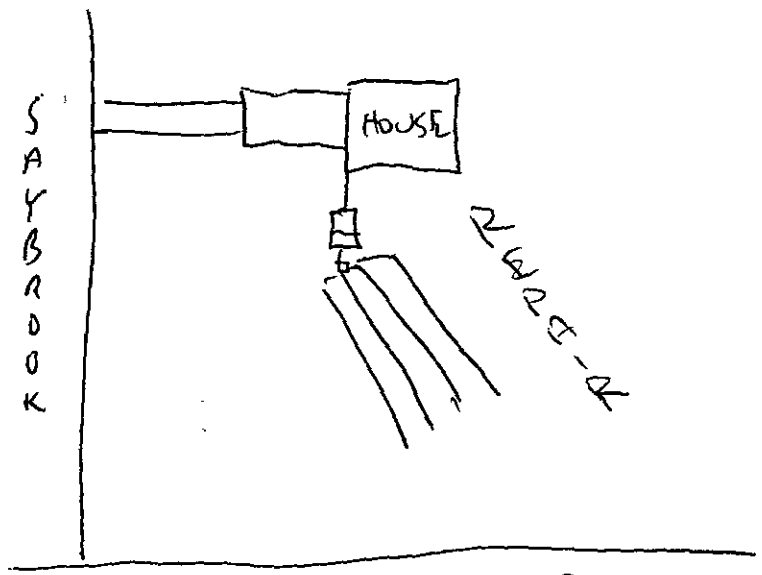
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 101 B- DATE: 6-9-94

TC: 137-132-03 ☐ L

SERIAL Nº 15757

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 the application dated 6-4-92. All work shall be completed on or before 7-9-94, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. 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.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank ✓ gallons

Tank Construction PLC

Absorption and/or Nitrification Lines:

Trench Width 2 feet

Total Line Length 200 feet

Number of Lines 4

Depth of ~~Stone~~ SAND 30 inches

Distance from House 5'+ feet

Distance from Property Line 10'+ feet

Distance from Well 100'+ feet

NAME OF OWNER ~~DAN MOSER COMPANY~~ DUBLIN HOMES

LOCATION OF PROPERTY 10022 EDWARDS PLACE

Comments: _____

Division or Section Head

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 Mecklenburg County Health Department in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER OR AGENT'S COPY

3 Bedroom / Gravity PPBPS

refer pass to plan approval dated 5-26-92

LWORKS\WORDS\DES2P

mCHD
File: 101B
TC: 137-132-03
Lot 14, Blk I
Bainbridge III

DESIGN SPECIFICATION
FOR 3 bedroom
ON-SITE WASTE DISPOSAL SYSTEM
CONTINUED

SYSTEM TYPE:
- CONVENTIONAL
- CONVENTIONAL (SHALLOW PLACEMENT)
- 6-INCH PPBPS-GRAVITY DISTRIBUTION
- 8-INCH PPBPS-PRESSURE DISTRIBUTION
- ✓16-INCH PPBPS-GRAVITY DISTRIBUTION
- 16-INCH PPBPS-PRESSURE DISTRIBUTION
- LPPS
- OTHER

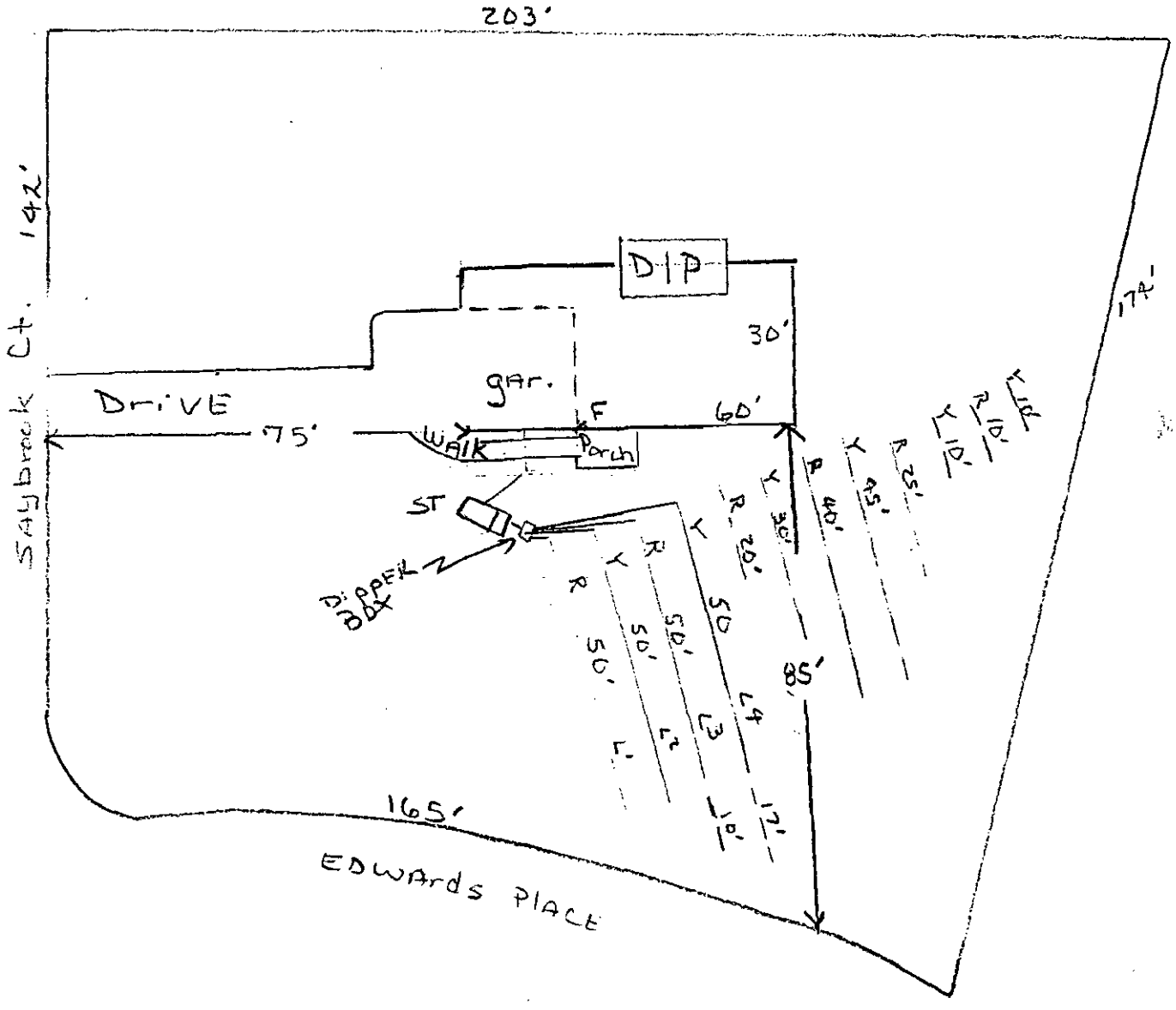
SPECIALIZED EQUIPMENT OR REQUIREMENTS:

DROP BOX	WELL ABANDONEMENT
DISTRIBUTION BOX	EASEMENT
✓DIPPER BOX (1)	LOT COMBINATION/SURVEY
FLOW DIVIDER	EARTHEN SURFACE SWELL
WASH BOX	FRENCH/CURTAIN DRAINS
SPECIAL FITTINGS	GREASE INTERCEPTOR
PRESSURE MANIFOLD	PUMP TANK
SIPHON	SAPROLITE TEST
MULTIPLE PUMPS	✓1,500 SEPTIC TANK
OTHER	

LINE	#PANELS PER LINE	#HOLES PER PANEL	HOLE SIZE	HOLE SPACING	LINE HEAD	LINE LENGTH	HOLE FLOW	PER MINUTE LINE FLOW
				Primary				
L1	11	1				50'		
L2	11	1				50'		
L3	11	1				50'		
L4	11	1				50'		
	44 PANELS					200'	Total	
				Repair				
L3						10'		
L4						17'		
L5						20'		
L6						30'		
L7						40'		
L8						45'		
L9						25'		
L10						10'		
L11						10'		
L12						10'		
						217'	Total	

* 3 Bedroom / Gravity / Panel

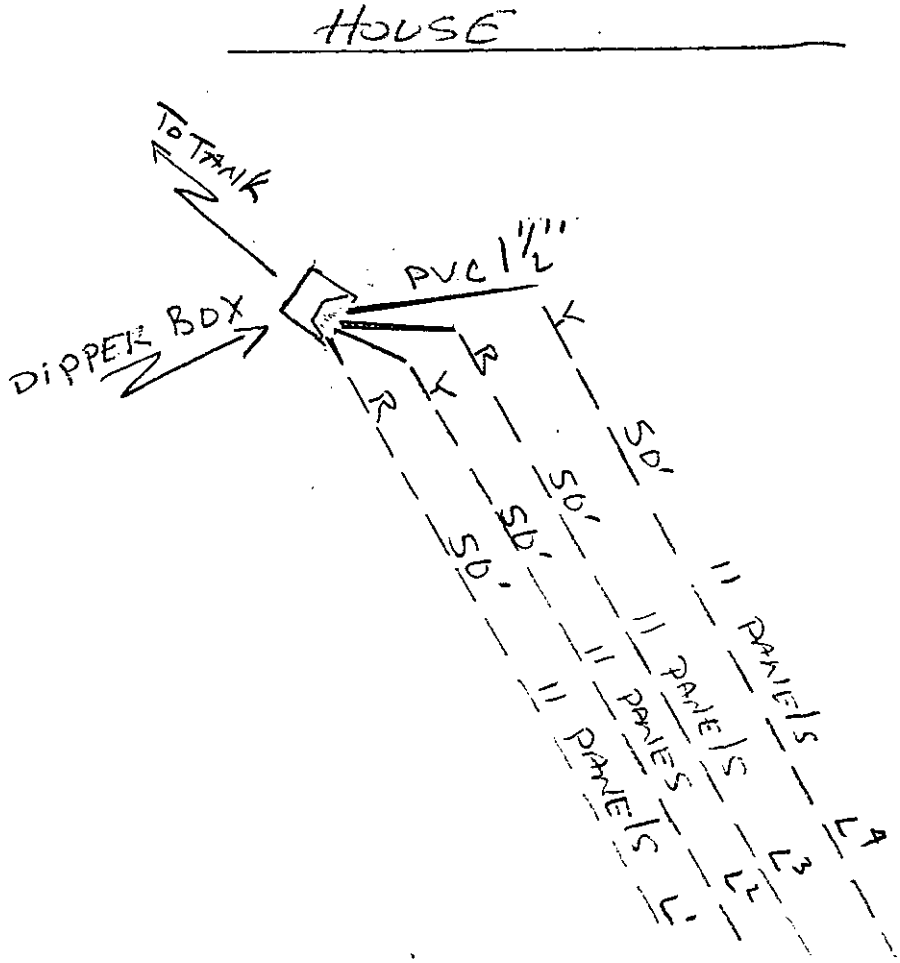
MC HD
File: 101 B
TC: 137-132-03
Lot 14, Blk. I
Bainbridge III



SCALE 30

SPECS

MCHD
File: 101B
TC: 137-132-03
Lot 14, Blk. I
Bainbridge III



EDWARDS PHALE

T. Whitaker
866-9540

BURG COUNTY ENVIRONMENTAL HEALTH
LUATION REPORT
UMBER [illegible]

File: [illegible] Action 7

Parcel: 131-132 Y 3 ☑ PC

ion: [illegible]

Block: / Acres: [illegible]

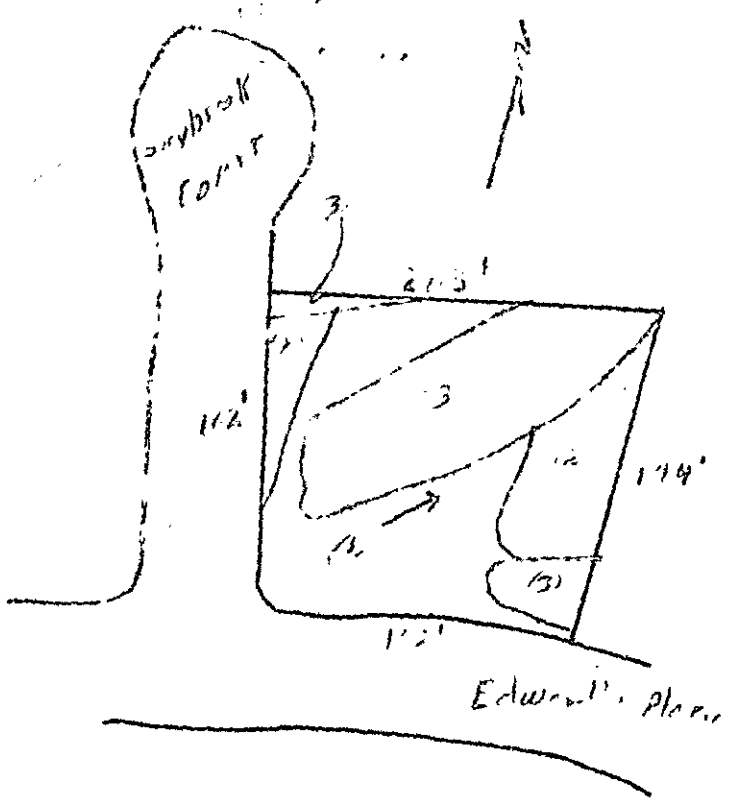
er: [illegible]

ress: [illegible]

omments: [illegible]

Described by: [illegible]

Date: 1-31-92



***** EVALUATION KEY *****

S = Suitable U = Unsuitable

PS = Provisionally Suitable

The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series						
Area Classification	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U

Mecklenburg County
Health Department

Betty S. Snow, R.N., M.A.
Health Director

June 09, 1992

Dan Moser Company
2101 Sardis Road North, #110
Charlotte, NC 28227

Re: 10723 Edward's Place
File: 7991A/101B
Parcel: 137-132-03PO

Gentlemen:

Receipt of your plans for a modified waste disposal system for the property referenced above is acknowledged.

Your plans for the modified system for the above property as submitted are approved with the following comments:

-The well should be located 100 feet or no less than 50 feet away from any part of the sewer disposal system and repair area.

-Water saving plumbing devices and low flush toilets should be installed when constructing the residence.

-Occupants to utilize maximum water conservation measures where ever possible.

-Effectively rake and lime all trench sidewalls

-Landscaping of repair area to be undisturbed. No grading, shaping, or altering in anyway.

Upon execution and recording with the Register of Deeds Division Office, Mecklenburg County, of the enclosed "Septic Tank Agreement Form", an Improvements Permit may be issued by this office.

Sincerely,

Kelly Randall, R.S., Soil Scientist
Individual Water and Wastewater Systems

KR/wpg

Enclosures - 3 Septic Tank Agreement Forms

OWNER FURTHER ACKNOWLEDGES THAT THE WASTE DISPOSAL SYSTEM INCLUDING REPAIR AREA CANNOT AND WILL NOT BE USED IN ANY OF THE FOLLOWING WAYS UNLESS SPECIFICALLY ADDRESSED AS A CONDITION OF THE PERMIT:

- -GRADING OR FILLING
- -PARKING OR DRIVING HEAVY EQUIPMENT IN THE AREA OR IN ANY OTHER WAY COMPACTING THE SOIL IN THE AREA
- -EXCAVATING SOIL FROM THE AREA
- -PLACING FOOTINGS OR FOUNDATIONS OR ENGAGING IN ANY OTHER CONSTRUCTION ACTIVITY IN THE AREA
- -PLACING IN-GROUND OR ABOVE-GROUND SWIMMING POOLS IN THE AREA
- -PLACING IRRIGATION SYSTEMS IN THE AREA
- -PLACING UNDERGROUND UTILITY LINES OR CABLES IN THE AREA
- -PLANTING TREES OR GARDENS IN THE AREA
- -REMOVING ANY LARGE TREES IN THE AREA UNLESS DEAD OR DISEASED
- -USING THE AREA FOR THE BURIAL OF STUMPS, TRASH, OR ANY OTHER TYPE OF CONSTRUCTION MATERIAL
- -USING THE AREA FOR GRAVESITES
- -DIVERTING THE NATURAL FLOW OF WATER ONTO THE AREA BY WAY OF DRAINAGE DITCHES OR DIVERSION DITCHES OR USING THE AREA TO RECEIVE WATER FROM ANY GUTTER OR DOWNSPOUT DISCHARGES

FINAL SYSTEM APPROVAL IS NEEDED FROM THE LOCAL ENVIRONMENTAL HEALTH AUTHORITY PRIOR TO ANY GRADING, SHAPING, ALTERING, OR OTHERWISE CONSTRUCTING IN ANY WAY OF THE PROPOSED SYSTEM AREA. FAILURE TO COMPLY WITH THIS PROVISION MAY RESULT IN SYSTEM DISAPPROVAL, POSSIBLE DEVELOPMENT RESTRICTION, AND/OR REVOCATION OR SUSPENSION OF AN EXISTING PERMIT. IF FOR ANY REASON YOU WISH CLARIFICATION OR TO MODIFY THE CRITERIA FROM WHICH THIS SYSTEM WAS DESIGNED IN ANY WAY EITHER PRIOR TO OR AFTER ITS APPROVAL, PLEASE DO NOT HESITATE TO CONTACT OUR OFFICE AT (704)866-9540.

THANK YOU,

PRENCO, INC.