Date Received 8-15-84

RECEIVED
AUG 1 : 1984
ENVIRONMENTAL HEALTH

SIR No. 21358
T. & R. 195-051-11
Map Date 1

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Trammel Crow Company
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER 1400 Charlotte Plaza, Charlotte, NC ZIP 28224

3) PHONE NO. Home _____ Office 376-5910

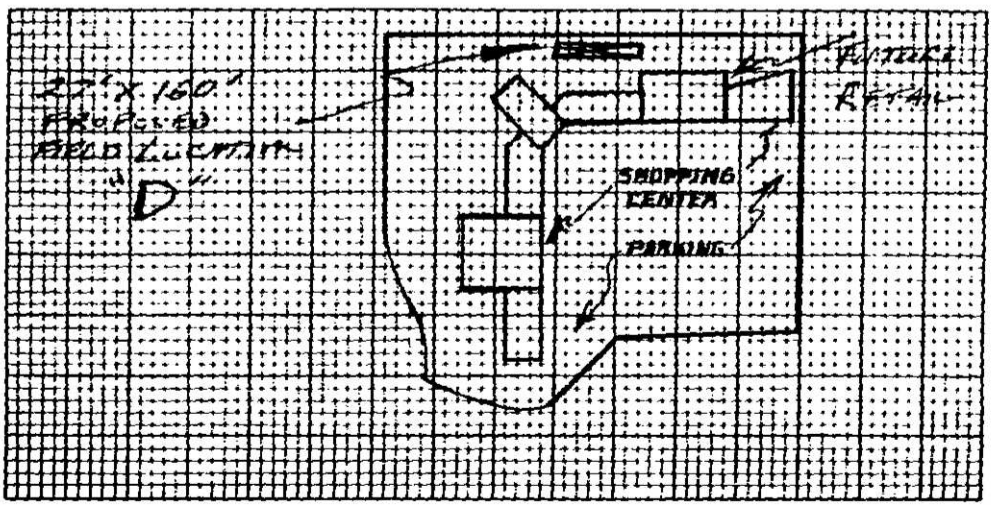
4) LOCATION OF PROPERTY Lawyers Road, Mint Hill, NC
(STREET OR COUNTY ROAD)

5) SUBDIVISION N/A LOT NO. 2 BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

6) DEED REFERENCE DEED BOOK 1768 PAGE NO 280

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 hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge.



7) ACCURATELY DIAGRAM & DIMENSION LOT

David S. Nuller
OWNER Trammel Crow Company

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

September 5, 1984

Trammel Crow Company
1400 Charlotte Plaza
Charlotte, North Carolina 28224

RE: Property located at Lawyers Road (S.I.R. No. 21353; T.C. No. 195-051-11)

Gentlemen:

At your request, a field investigation was conducted on the property designated above. The soils on the property were found to contain a limited area of provisionally suitable soil for the installation of a ground absorption sewage disposal system. A copy of the site evaluation report is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit plot plans for the proposed construction, well, and ground absorption sewage disposal system to this office. They will be reviewed and if it is found that there is an adequate area of provisionally suitable soil to accommodate the proposed installation, an Improvements Permit will be issued by this office.

Please be advised that areas of provisionally suitable soil may be reclassified unsuitable and all permits withdrawn by this department should any grading, filling, or compaction of the sites intended for the septic tank system occur.

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

Sincerely,

Bill D. Hardister, Jr.

Bill D. Hardister, Jr.
Environmental Health Supervisor

BDH/sce

Enclosure

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 21358

TC: 19505110, 11 PD
L

JOB LOCATION

① ADDRESS: 17000 Matthews - Mint Hill Road (STREET NO / STREET) ② FILE:

③ CITY: Mint Hill, North Carolina ④ TAX PARCEL NO.: 195-051-10, 195-051-11

⑤ SUBDIVISION: ⑥ LOT: Site D ⑦ BLOCK:

OWNER

⑧ NAME: Crow Charlotte Retail # 2, Ltd. (FIRST / MIDDLE / LAST)

⑨ MAILING ADDRESS: 1400 Charlotte Plaza

⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28244

⑬ PHONE: (WORK) 704/376-5910 ⑭ (HOME)

REQUEST

This request is for a(n):

⑮ ☒ New installation permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☐ Residence ⑳ ☐ Mobile home ㉑ ☒ Business or place of public assembly

㉒ Number of bedrooms? ㉕ Type? Retail Shopping Center

㉓ Maximum occupancy? ㉖ Maximum number of employees? 30

㉔ Basement? ☐ yes ☐ no ㉗ Maximum number of seats?

STORES "C", "D", & "E"

WATER SUPPLY

㉙ Water supply from (present or proposed):

A ☐ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉚ 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Stephen E Foots

Date: 5-10-85

㉘ Accurately dimensioned plot

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

Daily waste flow
Septic tank size
Pumping tank size
Effluent loading rate
Absorption area
Total length of laterals
Lateral diameter
Lateral configuration
Supply line length
Supply line diameter
Manifold placement
Hole size*
Hole spacing
Number of holes
Pressure head
Flow per hole
Total flow
Elevation head
Friction head
Pressure head
Total head
Pump requirements
Storage volume in laterals
Storage volume in supply line
Total storage volume
Dosing volume
Dosing depth
Check valve needed?

STONE "B"
FIELD #1
BEHIND STONE "C"

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Line No.	Hole Size	# Holes	Head Pressure	Flow/Hole	Hole Spacing*	Flow/Line	Flow/
1 (58)	5/32	10	4	0.53	5.3	5.3	.11
2 (59)	5/32		3.6	.55	4.9	6.05	.11
3 (60)	5/32	12	3.2	.53	4.5	6.36	.12
4 (61)	3/16	9	3	0.72	6.1	6.5	.12
5 (61)	3/16	10	2.6	0.69	5.6	6.9	.12
6 (62)	3/16	11	2.3	0.63	5.2	6.9	.12
7 (63)	5/32	12	4	0.58	4.9	7.0	.12
8 (63)	5/32	13	3.6	0.55	4.5	7.2	.12
9 (64)	5/32	14	3.3	0.53	4.2	7.4	.13
10 (64)	3/16	10	3.0	6.72	5.9	7.2	.12
11 (65)	3/16	11	2.6	0.69	5.5	7.6	.13
12 (66)	3/16	12	2.3	0.63	5.1	7.6	.12
13 (68)	3/16	10	4.0	.83	6.3	8.3	.13
14 (68)	3/16	11	3.6	0.79	5.7	8.7	.14
15 (69)	3/16	12	3.3	0.75	5.3	9.0	.14
16 (69)	3/16	13	3.0	0.72	4.9	9.4	.15
17 (70)	3/16	15	2.6	0.69	4.3	10.2	.16
18 (70)	3/16	12	4.0	0.83	5.4	10.0	.15
19 (71)	3/16	13	3.6	0.79	5.1	10.2	.15
20 (71)	3/16	15	3.3	0.75	4.9	11.2	.17
21 (71)	3/16	12	3.0	0.72	5.5	11.8	.18
22 (72)	3/16	13	2.6	0.72	5.2	12.0	.18
2372	3/32	19	2.3	0.86	4.8	12.0	.18

Daily waste flow
Septic tank size
Pumping tank size
Effluent loading rate
Absorption area
Total length of laterals
Lateral diameter
Lateral configuration
Supply line length
Supply line diameter
Manifold placement
Hole size*
Hole spacing
Number of holes
Pressure head
Flow per hole
Total flow
Elevation head
Friction head
Pressure head
Total head
Pump requirements
Storage volume in laterals
Storage volume in supply line
Total storage volume
Dosing volume
Dosing depth
Check valve needed?

STAGES "C", "D" & "E"

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Line No.		Hole Size	# Holes	Head Pressure	Flow/Hole	Hole Spacing*	Flow/Line	Flow
1	54'	5/32"	8	4	.58	6.1	4.6	.09
2	58'	"	9	3.6	.55	5.9	5.0	.09
3	65'	"	10	3.3	.53	6	5.3	.09
4	71'	"	11	3	.50	6	5.5	.08
5	77'	"	12	2.6	.47	6	5.6	.08
6	83'	"	14	2.3	.44	5.6	6.2	.08
7	90'	"	16	2	.41	5.3	6.6	.08
8	95'	5/32"	14	4	.58	6.4	8.1	.09
9	100'	"	15	3.6	.55	6.3	8.3	.09
10	105'	"	16	3.3	.53	6.3	8.4	.08
11	105'	"	17	3	.50	5.9	8.5	.09
12	106'	"	18	2.6	.47	5.6	8.5	.08
13	107'	"	19	2.3	.44	5.4	8.4	.08
14	107'	"	20	2	.41	5.1	8.2	.08
15	110'	"	21	1.7	.37	5	7.8	.07

Daily waste flow
Septic tank size
Pumping tank size
Effluent loading rate
Absorption area
Total length of laterals
Lateral diameter
Lateral configuration
Supply line length
Supply line diameter
Manifold placement
Hole size*
Hole spacing
Number of holes
Pressure head
Flow per hole
Total flow
Elevation head
Friction head
Pressure head
Total head
Pump requirements
Storage volume in laterals
Storage volume in supply line
Total storage volume
Dosing volume
Dosing depth
Check valve needed?

STORE "A"

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Line No.	Hole Size	# Holes	Head Pressure	Flow/Hole	Hole Spacing*	Flow/Line
1 (93')	5/32"	15	3	.50	5.9	7.5
2 (97')	"	16	2.7	.47	5.8	7.5
3 (102')	"	17	2.3	.44	5.7	7.5
4 (105')	"	18	2.0	.41	5.6	7.4

Daily waste flow
Septic tank size
Pumping tank size
Effluent loading rate
Absorption area
Total length of laterals
Lateral diameter
Lateral configuration
Supply line length
Supply line diameter
Manifold placement
Hole size*
Hole spacing
Number of holes
Pressure head
Flow per hole
Total flow
Elevation head
Friction head
Pressure head
Total head
Pump requirements
Storage volume in laterals
Storage volume in supply line
Total storage volume
Dosing volume
Dosing depth
Check valve needed?

STONE "B"
FIELD 2
ADJACENT TO STONE "A"

*Data on hole size, spacing, pressure head and flow must be listed for each line for systems where lines are different (such as sloping lots).

Line No.	Hole Size	# Holes	Head Pressure	Flow/Hole	Hole Spacing*	Flow/Line	Flow
1 (4')	5/16"	13	3	.72	6.2	9.4	.12
2 (97')		15	2.8	.694	6.1	10.4	.11
3 (103')		17	2.6	.668	6.1	11.4	.11
4 (117')		17	2.4	.643	5.9	12.2	.11
5 (115')		18	3	.72	6.1	13	.12
6 (113')		19	2.8	.694	5.7	13.2	.12
7 (108')		20	2.6	.669	5.2	13.4	.12
8 (100')		22	2.4	.642	4.3	14.1	.12-.15
9 (94')	7/32"	15	3	.98	5.9	14.7	.13-.17
10 (91')		16	2.8	.944	5.3	15.1	.13-.19
11 (89')		17	2.6	.908	4.6	15.4	.13-.19
12 (78')		18	2.4	.872	4.1	15.7	.13-.21
13 (72')	3/16"	15	3	.72	4.5	10.8	.14
14 (68')	"	14	2.9	.694	4.5	9.7	.15
15 (62')	"	13	2.6	.668	4.9	8.7	.15
16 (57')	"	12	2.4	.642	4.3	7.7	.15
17 (52')	"	11	2.2	.616	4.3	6.9	.14