Date Received 1/2/80

MECK COUNTY DEPARTMENT OF
RECEIVED
DEC 26 1979
ENVIRONMENTAL HEALTH

APT No 16.410
T C No 205-041-08
Map Date 6/14/79

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER *International Steel Erectors, Inc.*
(LAST / FIRST / MIDDLE)

2) ADDRESS OF OWNER *P. O. Box 9246 - Charlotte, N. C.* ZIP *28299*

3) PHONE NO Home _____ Office *704/ 523-4377*

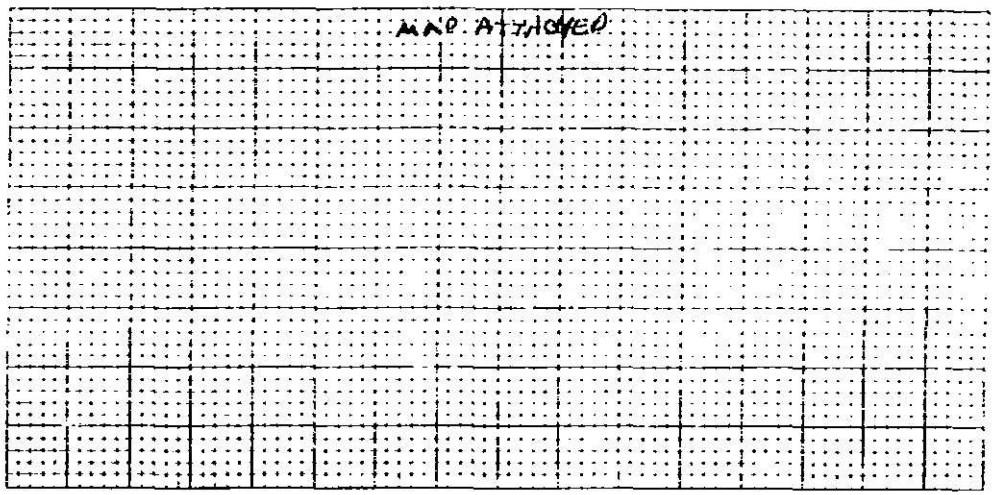
4) LOCATION OF PROPERTY *12516 Downs Road*
(STREET OR COUNTY ROAD)

5) SUBDIVISION _____ LOT NO _____ BLOCK NO _____

MAP BOOK NO _____ PAGE NO _____

6) DEED REFERENCE DEED BOOK *2882* PAGE NO *457*

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

OWNER *J. E. McElduff, Sr. President*

EHD-S-76

Environmental Health Department's Copy

S. I. R. NO. 16410

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

APPENDIX II
SITE EVALUATION

T. C. P. PO 205-041-08

(Ground Absorption Sewage Disposal)

OWNER: International Steel Erectors
ADDRESS: P.O. Box 9246
COUNTY: Charlotte, N.C. 28299
LOCATION OF SITE: 12516 Downs Road

DATE REQUESTED:
PLAT NO.:
LOT SIZE: 30,000

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-6%	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 in.) (Sandy, loamy, clayey, Note 2:1 Clay)	S PS (U) 2-1 Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 in.) (Clayey Soils)	S PS (U) Massive	S PS U	S PS U	S PS U
4. SOIL DEPTH (In.)	S PS (U) 24"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (In.) (Impervious Strata Rock)	(S) None PS U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (External & internal)	S PS (U) seasonal perched water table	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (Percolation Rate)	S PS (U) Slow	S PS U	S PS U	S PS U
8. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable			
SOIL SERIES	Iredell			

S - Suitable PS - Provisionally Suitable U - Unsuitable

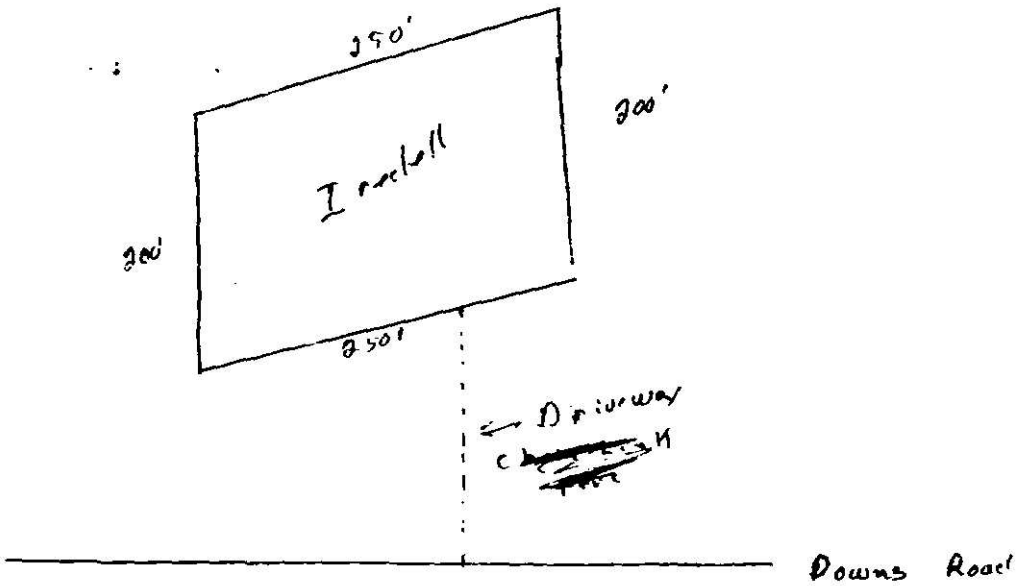
* See Diagram on Back (Include: Soil areas, property lines, roads, streams, gullies wet areas, fill areas, wells, water bodies, slope patterns, etc

Recommendations/Comments:

Described By: William A. Marlin

Title: Soil Scientist Date: 1-17-80

DHS Form 2601
Sanitation
EHD 539 (3/79)


250'
200'
Inchall
200'
250'
Driveway
Downs Road

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

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

SIR.NO. 16410
T.C.NO. po 205-041-08
MAP DATE
DATE January 17, 1980

NAME OF OWNER International Steel Erectors

ADDRESS OF OWNER PO Box 9246 Charlotte, NC 28299

LOCATION OF LOT 12516 DOWNS ROAD

At your request and pursuant to Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

Soil Structure Massive

Soil Permeability Unsuitable

Soil Drainage/Groundwater Unsuitable

Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable. (Section 10 of the North Carolina Administrative Code 10 A,.1910)

If you desire to file for permission to install an "alternate or modified" system, you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily, approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R Adkisson

John R. Adkisson, Environmentalist

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 1u410

TRC 205-041-08

JOB LOCATION

① ADDRESS: 12516 Downs Road

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: PO 205 PAGE NO.: 041 PARCEL NO.: 08

⑥ DEED REFERENCE: BOOK NO.: 2882457 PAGE NO.: _____

⑦ NAME: International Steel Erectors, Inc. - Attn: J. F. McFlduff
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: P. O. Box 9246

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28299

⑫ PHONE: (WORK) 704/ 523-4377 (HOME) _____

⑬ Accurately diagram and dimension lot.

See attached

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

Signed: J. F. McElduff, President

Date: October 15, 1985

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

MECKLENBURG COUNTY
Department of Environmental Health

October 31, 1985

International Steel Erectors, Inc.
Post Office Box 9246
Charlotte, North Carolina 28299

RE: Property located at 12516 Downs Road
FILE: 16410
PARCEL: PO 205-041-08

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 is enclosed for your information.

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 your proposal to this Department. 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.

Sincerely,

Bill D. Hardister, Jr., R.S.
Environmental Health Supervisor

Enclosure (2)

DEPARTMENT OF
ENVIRONMENTAL HEALTH
MECKLENBURG COUNTY,
NORTH CAROLINA

SITE EVALUATION

S.I.R. NO. 16410

T.C. NO. PO 205-041-00

(Ground Absorption Sewage Disposal)

OWNER: International Mid Engineering Inc PLAT NO: _____
ADDRESS: PO Box 9246 LOT SIZE: Approx .72
Charlotte, N.C. 28299
LOCATION OF SITE: 12516 Downs Road

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U — 2-6%	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2-1 Clay)	S PS (U) — 2-1 Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U — Weak Blocky	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S PS (U) — 24-36"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (Inches) (Impervious strata, Rock)	S PS (U) — Saprolite 36" or less	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S (PS) U — >30" to ground water	S PS U	S PS U	S PS U
7. OTHER (Specify)	S PS U	S PS U	S PS U	S PS U
8. SOIL GROUP	IV B			
9. SITE CLASSIFICATION	unsuitable			
10. SOIL SERIES	Iredell Mecklenburg			

S - Suitable PS - Provisionally Suitable U - Unsuitable

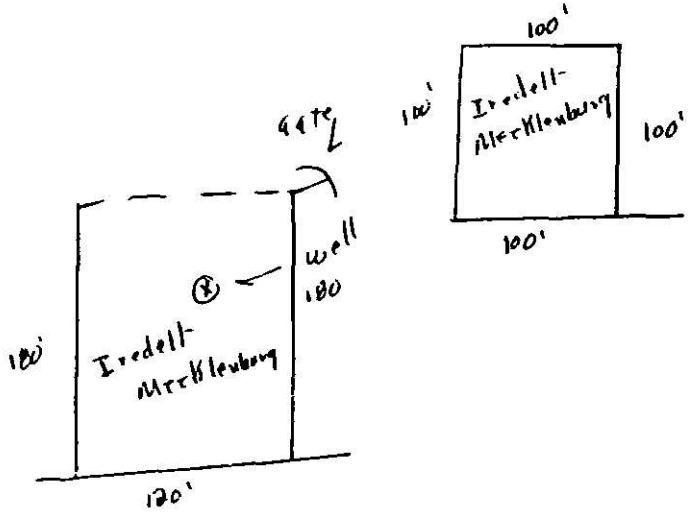
**See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slopes)

Recommendations/Comments: _____

Described by: William R. Mullis
Title: Soil Scientist

Date: 10-31-85

2d


100'
100'
Iredell-
Mecklenburg
100'
100'
gate
well
180
180'
Iredell-
Mecklenburg
120'