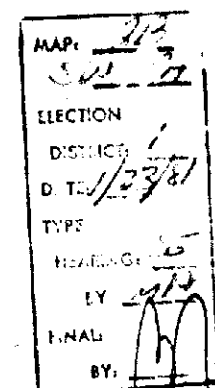


PETITION FOR ZONING RE-CLASSIFICATION AND/OR SPECIAL EXCEPTION

TO THE ZONING COMMISSIONER OF BALTIMORE COUNTY:
The Hoffman Family Limited Partnership, and Rose M. Hoffman,
I, or we, of the property situate in Baltimore
County and which is described in the description and plat attached hereto and made a part hereof,
herby petition (1) that the zoning status of the herein described property be re-classified, pursuant
to the Zoning Law of Baltimore County, from _____ zone to _____
zone, for the following reasons:



and (2) for a Special Exception, under the said Zoning Law and Zoning Regulations of Baltimore
County, to use the herein described property, for _____
structures, as the principal structures and as the principal use.

Property is to be posted and advertised as prescribed by Zoning Regulations.
I, or we, agree to pay expenses of above re-classification and/or Special Exception advertising,
posting, etc., upon filing of this petition, and further agree to and are to be bound by the zoning
regulations and restrictions of Baltimore County adopted pursuant to the Zoning Law for Baltimore
County.

County: _____
NEW VISION, INC.
Address: _____
S. Kravetz, President
Address: _____
Eugene P. Smith
Address: _____
Patricia Phipps
Address: _____
Eugene P. Smith
Address: _____
Patricia Phipps
Address: _____

ORDERED By The Zoning Commissioner of Baltimore County, this _____ day
of _____, 1981, that the subject matter of this petition be advertised, as
required by the Zoning Law of Baltimore County, in two newspapers of general circulation through-
out Baltimore County, that property be posted, and that the public hearing be had before the Zoning
Commissioner of Baltimore County in Room 106, County Office Building in Towson, Baltimore
County, on the _____ day of _____, 1981 at _____ o'clock
_____ A.M.

REVIEWED FOR FORM AND LEGAL SUFFICIENCY
AND APPROVED FOR EXECUTION.
Zoning Commissioner of Baltimore County.

OFFICE OF LAW
By: _____ (over)
ASSISTANT COUNTY SOLICITOR

RE: PETITION FOR SPECIAL EXCEPTION : BEFORE
for wireless transmitting and : COUNTY BOARD OF APPEALS
receiving structure, etc. :
NE corner Powers Lane and : OF
Nuwood Drive : BALTIMORE COUNTY
1st District :
The Hoffman Family Limited :
Partnership, Petitioner : No. 81-179-X

ORDER OF DISMISSAL

Petition of the Hoffman Family Limited Partnership for special exception
for a wireless transmitting and receiving structure, etc. on property located at the north-
east corner of Powers Lane and Nuwood Drive, in the First Election District of Baltimore
County.

WHEREAS, the Board of Appeals is in receipt of an Order for Dismissal of
Appeal filed September 8, 1981 (a copy of which is attached hereto and made a part
hereof) from the attorney representing the Protestant-Appellant in the above entitled case.

WHEREAS, said attorney for the said Protestant-Appellant requests that the
appeal filed on behalf of the Protestant-Appellant be dismissed as of September 8, 1981.

IT IS HEREBY ORDERED this _____ day of September, 1981, that said
appeal be and the same is DISMISSED.

COUNTY BOARD OF APPEALS
OF BALTIMORE COUNTY

William T. Hackett
William T. Hackett, Chairman

Patricia Phipps
Patricia Phipps

LeRoy B. Spitzer
LeRoy B. Spitzer

RE: PETITION FOR * BEFORE THE COUNTY
SPECIAL EXCEPTION * BOARD OF APPEALS
N.E. CORNER OF POWERS LANE * OF BALTIMORE COUNTY
AND NUWOOD DRIVE - 1ST *
ELECTION DISTRICT * Case No. 81-179-X

ORDER FOR DISMISSAL OF APPEAL

On behalf of Westerlee Community, Inc., please enter
its appeal filed herein from the June 2, 1981 decision of the
Zoning Commissioner, "DISMISSED, WITH PREJUDICE," open cost in
the case however to be paid by the Petitioner, New Vision, Inc.

WESTERLEE COMMUNITY, INC.

By: _____
VITA JANCARAS, President

Edward L. Zamarin
Edward L. Zamarin
38 Bloomsbury Avenue
Catonsville, MD 21228
301 - 744-5800
Attorney for Appellant

The above Order for Dismissal
of Appeal is approved:

NEW VISION, INC.

By: _____
SAMUEL KRAVETZ

EUGENE P. SMITH
Eugene P. Smith
100 South Charles Street
Baltimore, MD 21201
301 - 332-8713
Attorney for Appellees

RE: PETITION FOR SPECIAL EXCEPTION : BEFORE THE ZONING COMMISSIONER
NE corner of Powers Lane and :
Nuwood Drive, 1st District : OF BALTIMORE COUNTY
THE HOFFMAN FAMILY LIMITED : Case No. 81-179-X
PARTNERSHIP, et al, Petitioners

ORDER TO ENTER APPEARANCE

Mr. Commissioner:

Pursuant to the authority contained in Section 571.1 of the Baltimore County
Charter, I hereby enter my appearance in this proceeding. You are requested to notify
me of any hearing date or dates which may be now or hereafter designated inhereof,
and of the passage of any preliminary or final Order in connection therewith.

Peter Max Zimmerman
Peter Max Zimmerman
Deputy People's Counsel

John W. Hession, III
John W. Hession, III
People's Counsel for Baltimore County
Rm. 223, Court House
Towson, Maryland 21204
494-2188

I HEREBY CERTIFY that on this 23rd day of March, 1981, a copy of the foregoing
Order was mailed to Eugene P. Smith, Esquire, Equitable Bank Center, 14th Floor, 100
S. Charles Street, Baltimore, Maryland 21201, Attorney for Petitioners and New Vision,
Inc., Contract Purchaser.

John W. Hession, III
John W. Hession, III

RE: PETITION FOR * BEFORE THE ZONING
SPECIAL EXCEPTION * COMMISSIONER OF
N.E. CORNER OF POWERS LANE * BALTIMORE COUNTY
AND NUWOOD DRIVE * Case No. 81-179-X

ORDER FOR APPEAL

Mr. Zoning Commissioner:

Please enter an appeal on behalf of Westerlee Community,
Inc. of your decision of June 2, 1981

Vita Jancaras
VITA JANCARAS, President

Edward L. Zamarin
Edward L. Zamarin
38 Bloomsbury Avenue
Catonsville, MD 21228
301-744-5800
Attorney for Westerlee
Community, Inc.

I HEREBY CERTIFY that on this _____ day of June, 1981, a
copy of the foregoing Order for Appeal was mailed to: Eugene P.
Smith, Esquire, WEINBERG & GREEN, 14th Floor, Equitable Building,
100 S. Charles Street, Baltimore, Maryland 21201.

Edward L. Zamarin
EDWARD L. ZAMARIN

RE: PETITION FOR * BEFORE THE COUNTY
SPECIAL EXCEPTION * BOARD OF APPEALS
N.E. CORNER OF POWERS LANE * OF BALTIMORE COUNTY
AND NUWOOD DRIVE - 1ST *
ELECTION DISTRICT * Case No. 81-179-X

MOTION FOR DISMISSAL OF APPEAL

The Hoffman Family Limited Partnership, Rose M. Hoffman,
Baltimore County, Maryland, and New Vision, Inc., Petitioners
for the Special Exception involved in this case, granted by the
Zoning Commissioner of Baltimore County, Movants herein, move
that the appeal of Westerlee Community, Inc., Appellant from
the the decision of the Zoning Commissioner of Baltimore County,
be dismissed because said Appellant has no standing to maintain
this appeal.

Eugene P. Smith
Eugene P. Smith
100 South Charles Street
Baltimore, Maryland 21201

Attorney for Movants
301-332-8713

RE: PETITION FOR * BEFORE THE COUNTY
SPECIAL EXCEPTION * BOARD OF APPEALS
N. E. CORNER OF POWERS LANE * OF BALTIMORE COUNTY
AND NUWOOD DRIVE - 1ST *
ELECTION DISTRICT * Case No. 81-179-X

MEMORANDUM OF LAW IN SUPPORT OF MOTION FOR DISMISSAL OF APPEAL

Art. 22, Sec. 32, of the Baltimore County Code (1978 Ed.)
confers the right to appeal to the Baltimore County Board of
Appeals from a decision of the Zoning Commissioner on "any
person or persons, jointly or severally (sic) or any taxpayer
or any official, office, department, board or bureau of the
County, feeling aggrieved" Similarly, appeals may be
taken from a decision of the County Board of Appeals to the
Circuit Court of Baltimore County only by a "party aggrieved."
Charter of Baltimore County, Sec. 604 (1978 Ed.). It has been
held that an improvement or community association is not an
"aggrieved party" for purposes of Sec. 604, even though its
members may be aggrieved. Southland Hills Improvement Ass'n v.
Raine, 220 Md. 213 (1958). Accord, Greenbelt v. Jaeger, 237 Md.
456, 463 (1969) (improvement association is not a proper party
to take appeal from Prince George's County Planning Board to
Circuit Court); Windsor Hills Improvement Ass'n v. Baltimore,
195 Md. 383, 394 (1949); Norwood Heights Improvement Ass'n, Inc.
v. Baltimore, 195 Md. 1, 8 (1949) (improvement association has
no standing to maintain appeal from decision of Baltimore City
Board of Municipal and Zoning Appeals to Circuit Court). In
the absence of a right to appeal a decision of the Board to the
Circuit Court, an improvement or community association cannot be
a proper party before the Board on appeal from the Zoning

Commissioner, as such an administrative appeal is meaningless
without the authority to seek judicial review. Moreover, any
attempt by an improvement or community association to validate
its appeal through the intervention of an otherwise proper party
after the expiration of the period for appeal cannot be sustained.
Windsor Hills, supra.

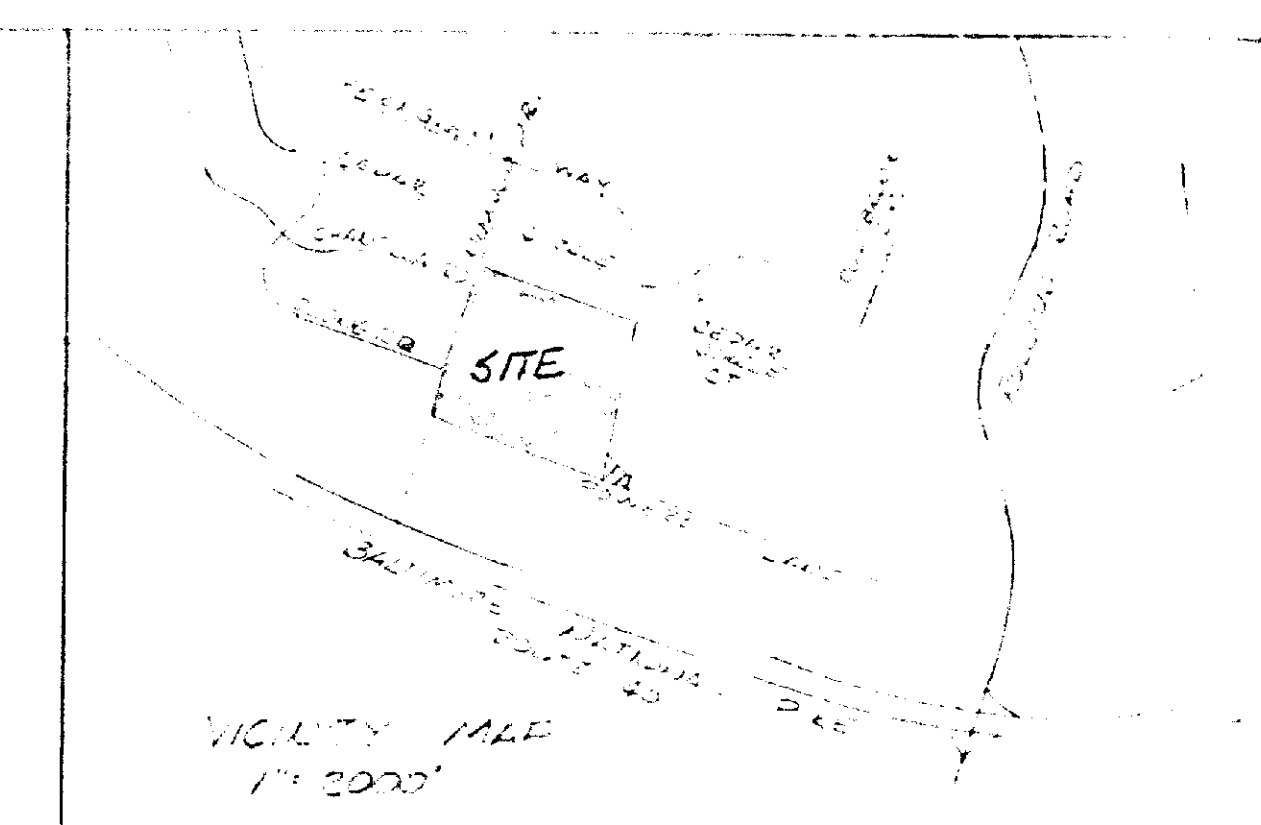
Respectfully submitted

Eugene P. Smith
Eugene P. Smith
100 South Charles Street
Baltimore, Maryland 21201
Attorney for Movants

CERTIFICATE OF MAILING

I HEREBY CERTIFY that on this _____ day of July, 1981,
a copy of the foregoing Motion For Dismissal Of Appeal And
Memorandum of Law In Support Of Motion For Dismissal Of Appeal
were mailed to Edward L. Zamarin, 38 Bloomsbury Avenue,
Catonsville, Maryland 21228, Attorney for Appellant.

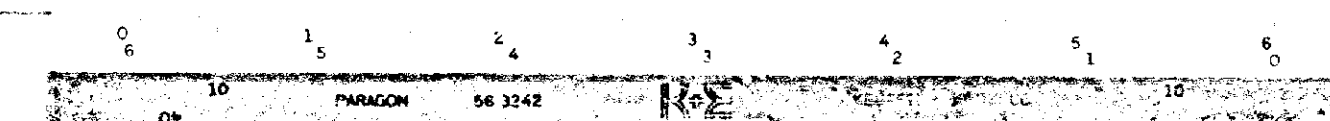
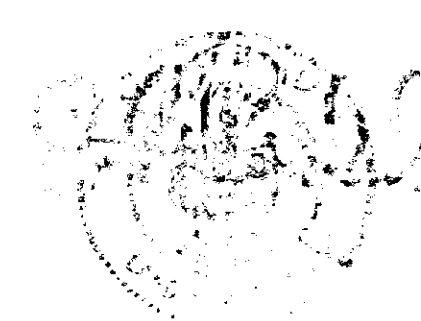
Eugene P. Smith
Eugene P. Smith

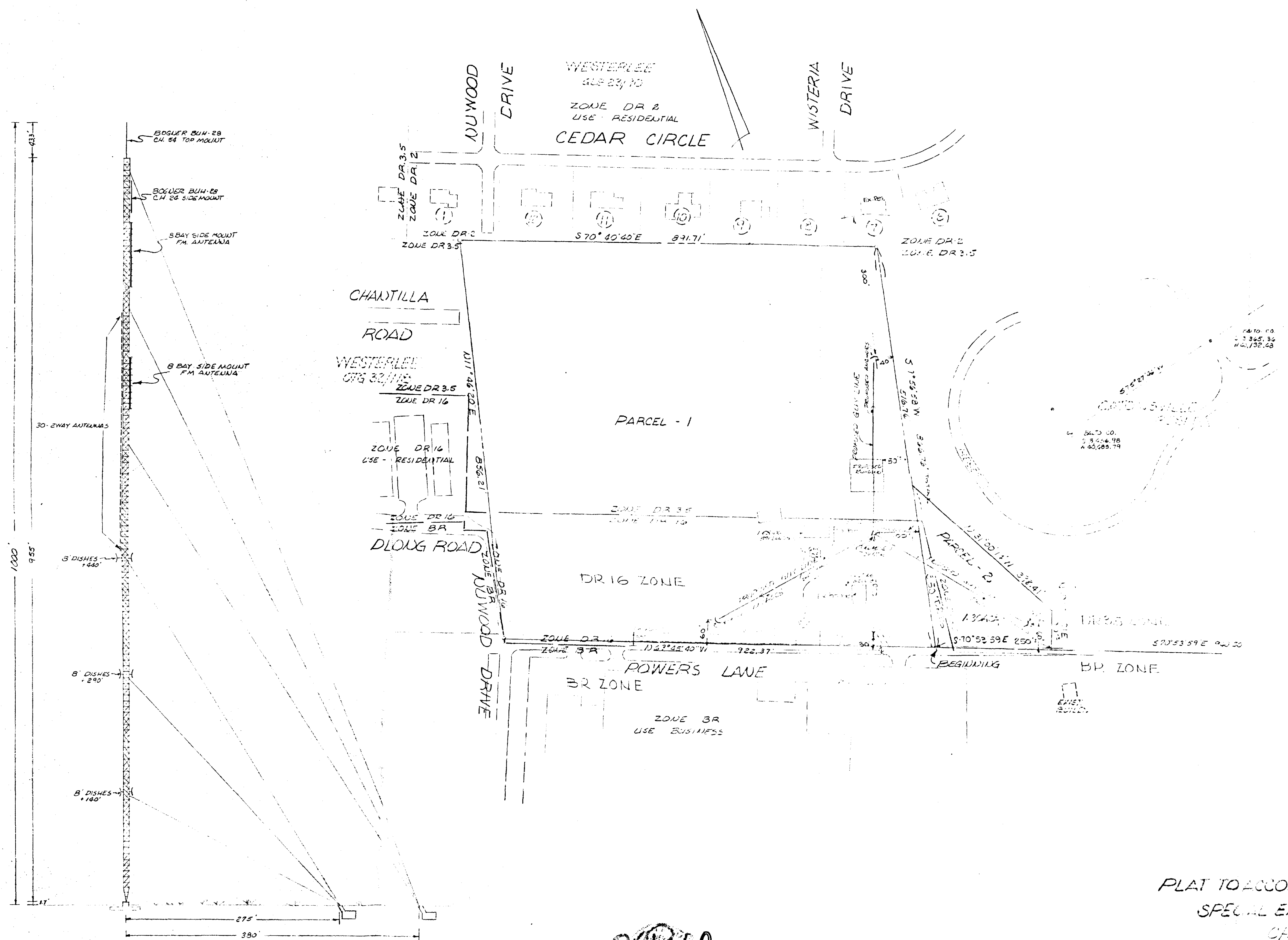
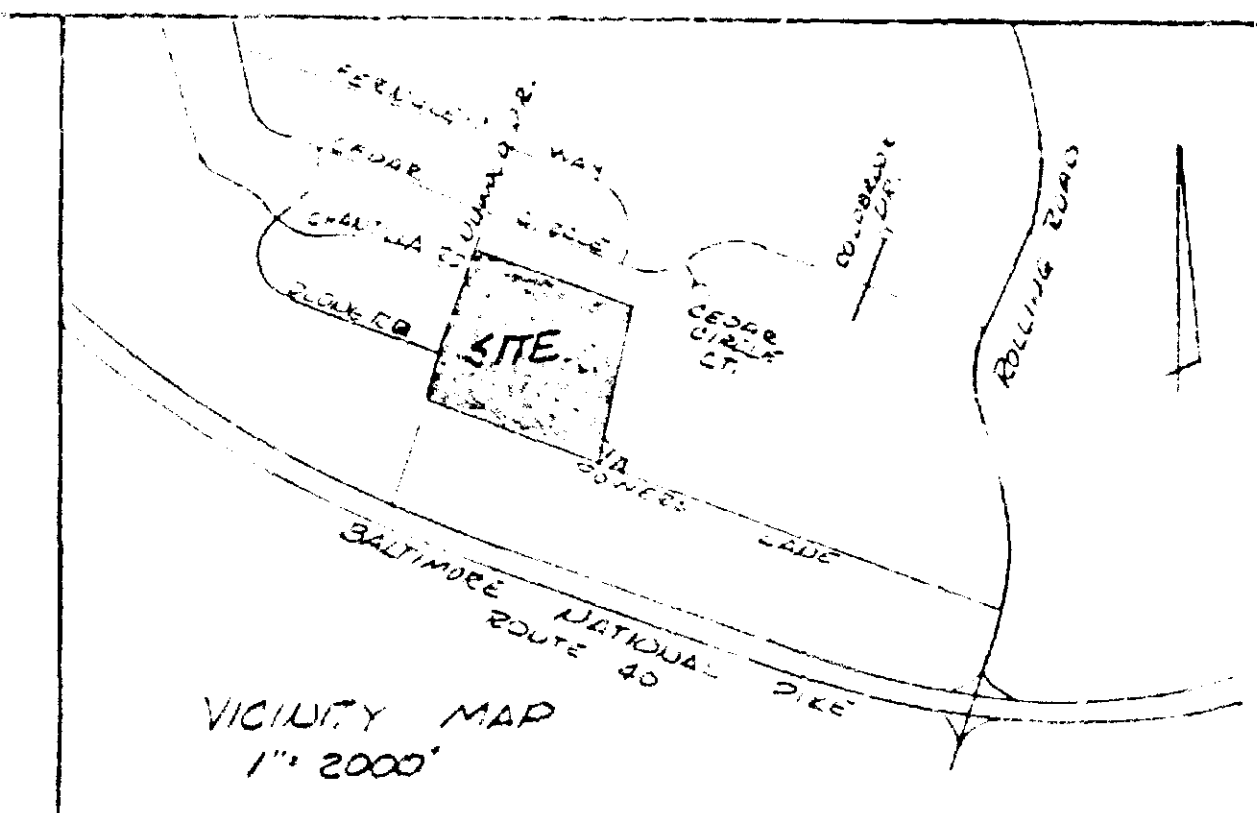


SPECIAL EXAMINATION REQUESTED TO IDENTIFY
A RADIO TELEVISION - BROADCASTING TOWER TYPE
ERECTED TO A HEIGHT OF 100 ABOVE GROUND LEVEL

322 *Journal of Management Inquiry* 16(3)

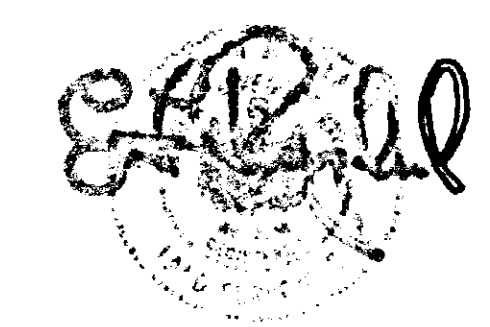
ADRIAN GUTIERREZ S-0680-744-1
VIA REGISTERED MAIL BY AIR MAIL
CHICAGO ILLINOIS 60601-2901



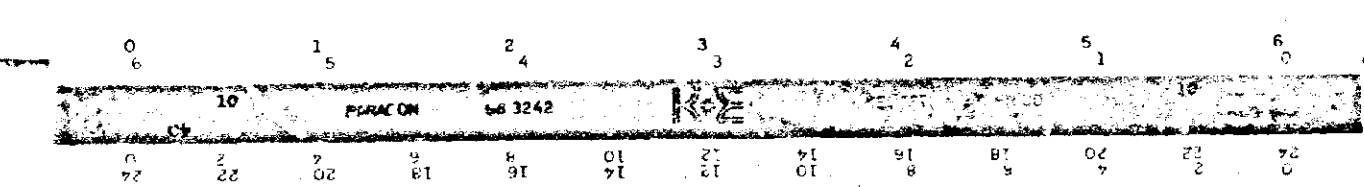


PROFILE OF PROPOSED TOWER
NO SCALE

E. F. RAFFEL & ASSY.
REGISTERED PROFESSIONAL LAND SURVEYORS
201 COURTLAND AVENUE
TOWSON, MARYLAND 21204



NOTE: OUTLINE SHOWS HEREON
WAS PLOTTED FROM DEEDS PLATS AND
OTHER SOURCES, AND IS NOT A SURVEY



GENERAL NOTES

AREA OF PROPERTY PARCEL-1 17.50 AC.
 PARCEL-2 1.30 AC.

EXISTING ZONE DR 16 & DR 3.5
EXISTING USE FARM LAND
PROPOSED ZONE RESIDENTIAL - SPECIAL EXCEPTION
PROPOSED USE RADIO & TELEVISION TOWER WITH
 SPECIAL EXCEPTION

PARKING DATA

NO. OF FULL TIME EMPLOYEES NONE - 2 PART TIME
NO. OF SPACES REQUIRED NONE
NO. OF SPACES PROVIDED 2 SPACE-GARAGE

SPECIAL EXCEPTION REQUESTED TO PERMIT
A RADIO & TELEVISION TRANSMISSION TOWER TO BE
ERECTED TO A HEIGHT OF 1000' ABOVE GRADE LEVEL

**PETITIONER'S
EXHIBIT 1**

PLAT TO ACCOMPANY PETITION FOR
SPECIAL EXCEPTION FOR TOWER
CHANNEL 54
2033 POWERS LANE

1\"/>

Pursuant to the advertisement, posting of property, and public hearing on the petition and it appearing that by reason of the requirements of Section 56-1 of the Baltimore County Zoning Regulations having been met and the health, safety, and general welfare of the community not being adversely affected, the special exception should be granted.

Therefore, IT IS ORDERED by the Zoning Commissioner of Baltimore County, this 22nd day of June, 1981, that the herein Petition for Special Exception for the erection and maintenance of a wireless transmitting and receiving structure as the principal structure and principal use, together with the required transmission building and supporting guy lines, in accordance with the site plan prepared by E. F. Raphael and Associates, dated December 3, 1980, and marked Petitioner's Exhibit 1, should be and the same is GRANTED, from and after the date of this Order, subject, however, to the following conditions:

1. Certification by a registered professional engineer that the structure, including the guy lines, has been constructed in accordance with the specifications and construction drawings filed herein as Petitioner's Exhibits 2 and 3 or meets higher standards than those shown on Petitioner's Exhibits 2 and 3.
2. Compliance with the comments submitted by the Department of Health, dated February 18, 1981, and the Department of Permits and Licenses, dated February 12, 1981.
3. The razing of those existing improvements indicated on Petitioner's Exhibit 1 to be removed.
4. The filing of a certification every five years by a registered professional engineer with the Department of Permits and Licenses, indicating the structure, including the guy lines, meets all safety requirements. Any upgrading or maintenance required to comply with any changes in the safety requirements, or to maintain the safety thereof, shall be performed prior to the filing of such certification.
5. Approval of the aforementioned site plan by the Department of Public Works, the Department of Permits and Licenses, and the Office of Planning and Zoning.

[Signature]
Zoning Commissioner of
Baltimore County

ORDER RECEIVED FOR FILING

DATE June 2, 1981
BY *[Signature]*
ADMINISTRATIVE ASSISTANT

OFFICE OF FINANCE REVENUE DIVISION TOWNSHIP AND STICK		BALTIMORE COUNTY, MARYLAND STATE AND COUNTY REAL PROPERTY TAXES		TAXPAYER'S COPY DETAILS AND PAYMENT	
JULY 1, 1981 - JUNE 30, 1982		670		67/01/81	
COUNTY TAX	670	2.50	25.73		
STATE TAX	670	2.01	1.63		
3.1025 AC SES WISTERIA DR		27.24			

No. 330
July 12, 1981
TO THE ORDER OF Baltimore County, Maryland 27.24
Twenty-seven and 24/100 DOLLARS
[Signature]
Cashier

Legal notes
Sec. 22-32 Code

- ② Def of Person in Sec 1 includes corp.
- ③ Aggrieved Party shall state address
Appellant C of Rules p 125
of Supplement.

220 and 213
270 and 216
240 and 180

Legal notes
Sec. 22-32 Code

- ② Def of Person in Sec 1 includes corp.
- ③ Aggrieved Party shall state address
Appellant C of Rules p 125
of Supplement.

RE: PETITION FOR * BEFORE THE COUNTY
SPECIAL EXCEPTION * BOARD OF APPEALS
N.E. CORNER OF POWERS LANE * OF BALTIMORE COUNTY
AND NUWOOD DRIVE - 1ST *
ELECTION DISTRICT * Case No. 81-179-X

ANSWER TO MOTION TO DISMISS

Westerlee Community, Inc., Protestant, by its attorney, Edward L. Zamarin, in answer to the Motion for Dismissal of Appeal represents that pursuant to Art. 22, Sec. 32, of the Baltimore County Code that it is a proper party having the right to appeal from a decision of the Zoning Commissioner as it is a "taxpayer" within the meaning of that section. In support thereof, your Protestant attaches hereto and offers its Baltimore County, Maryland Real Property Tax Bill for the year 1981-1982 wherein it is shown that your Protestant is the owner of record of 3.1 acres, SES Wisteria Drive, along with its check previously paid to Baltimore County. (Attached hereto as Protestant's "Exhibit 1".)

WHEREFORE, your Protestant prays that the Motion for Dismissal be denied.

Respectfully submitted,
[Signature]
EDWARD L. ZAMARIN
38 Bloomsbury Avenue
Catonsville, MD 21228
301-744-5800
Attorney for Protestant

I HEREBY CERTIFY that on this 7 day of August, 1981, a copy of the foregoing Answer was mailed to: Eugene P. Smith, Esquire, 100 S. Charles Street, Baltimore, MD 21201, Attorney for New Vision, Inc., Movants.

[Signature]
EDWARD L. ZAMARIN

RE: PETITION FOR SPECIAL EXCEPTION : BEFORE
for a wireless transmitting and : COUNTY BOARD OF APPEALS
receiving structure, etc. :
NE corner of Powers Lane : OF
and Nuwood Drive :
1st District : BALTIMORE COUNTY
The Hoffman Family Limited :
Partnership, Petitioner : No. 81-179-X

OPINION

The Petitioner's attorney in this case filed a Motion with the Board to dismiss the appeal taken by the Protestants, Westerlee Community, Inc., on the grounds that said Appellant had no standing to maintain this appeal. The Board held a hearing on the Motion only on August 25, 1981.

The attorney for the Petitioner argued in his Motion that Westerlee Community, Inc. was not the proper party to appeal because the property that they own is only a strip 50 feet wide by 2,600 feet long lying between the back yards of two adjacent developments, deeded to them to be used only for recreational purposes with the provision that if any other use is contemplated the property will revert to the original owners. It is his contention that this land has no actual market value and, therefore, the Westerlee Community, Inc. cannot be an aggrieved party and cannot, therefore, take an appeal.

Section 22-32 of the Baltimore County Code identifies those parties who shall have the right to appeal to the County Board of Appeals. In Section 1-2 of the Baltimore County Code the definition of the word "person" means any individual, partnership, corporation, etc. Since the definition of a person clearly includes a corporation and since Westerlee Community, Inc. is a corporation, and since its property is in close proximity to the proposed tower, the Board is of the opinion that they can be an aggrieved party and can legitimately take an appeal.

ORDER

For the reasons set forth in the foregoing Opinion, it is this 9th day of September, 1981, by the County Board of Appeals, ORDERED that the Motion for Dismissal be DENIED.

The Hoffman Family Limited Partnership - #81-179-X

Any appeal from this decision must be in accordance with Rules 8-1 thru 8-12 of the Maryland Rules of Procedure.

COUNTY BOARD OF APPEALS
OF BALTIMORE COUNTY

[Signature]
William T. Hackett, Chairman
[Signature]
Patricia Phipps
[Signature]
LeRoy B. Spurrier

RE: PETITION FOR SPECIAL EXCEPTION : BEFORE
for wireless transmitting and : COUNTY BOARD OF APPEALS
receiving structure, etc. :
NE corner Powers Lane and : OF
Nuwood Drive :
1st District : BALTIMORE COUNTY
The Hoffman Family Limited :
Partnership, Petitioner : No. 81-179-X

ORDER OF DISMISSAL

Petition of the Hoffman Family Limited Partnership for special exception for a wireless transmitting and receiving structure, etc. on property located at the northeast corner of Powers Lane and Nuwood Drive, in the First Election District of Baltimore County.

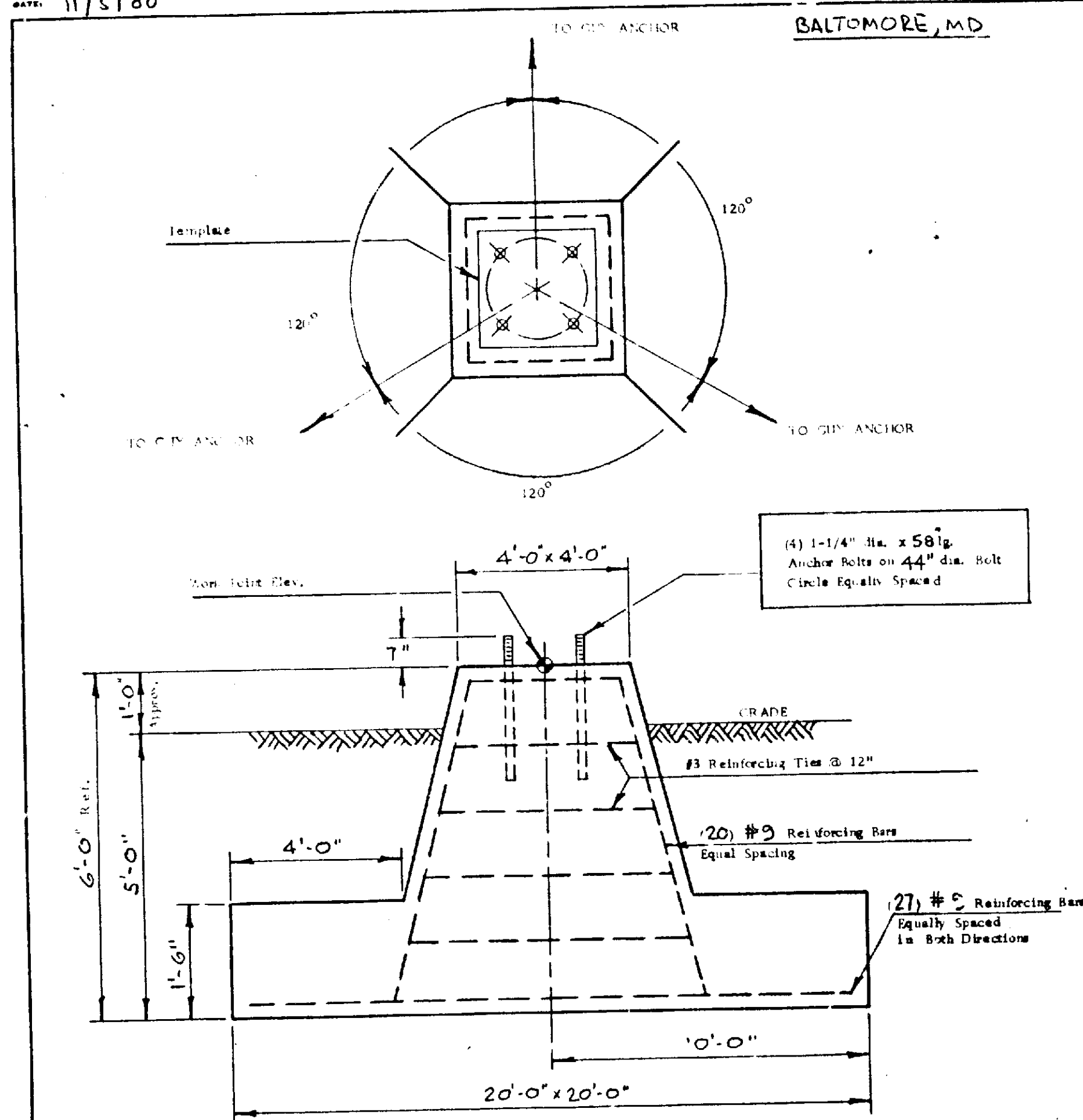
WHEREAS, the Board of Appeals is in receipt of an Order for Dismissal of Appeal filed September 8, 1981 (a copy of which is attached hereto and made a part hereof) from the attorney representing the Protestant-Appellant in the above entitled case.

WHEREAS, said attorney for the said Protestant-Appellant requests that the appeal filed on behalf of the Protestant-Appellant be dismissed as of September 8, 1981.

IT IS HEREBY ORDERED this 11th day of September, 1981, that said appeal be and the same is DISMISSED.

COUNTY BOARD OF APPEALS
OF BALTIMORE COUNTY

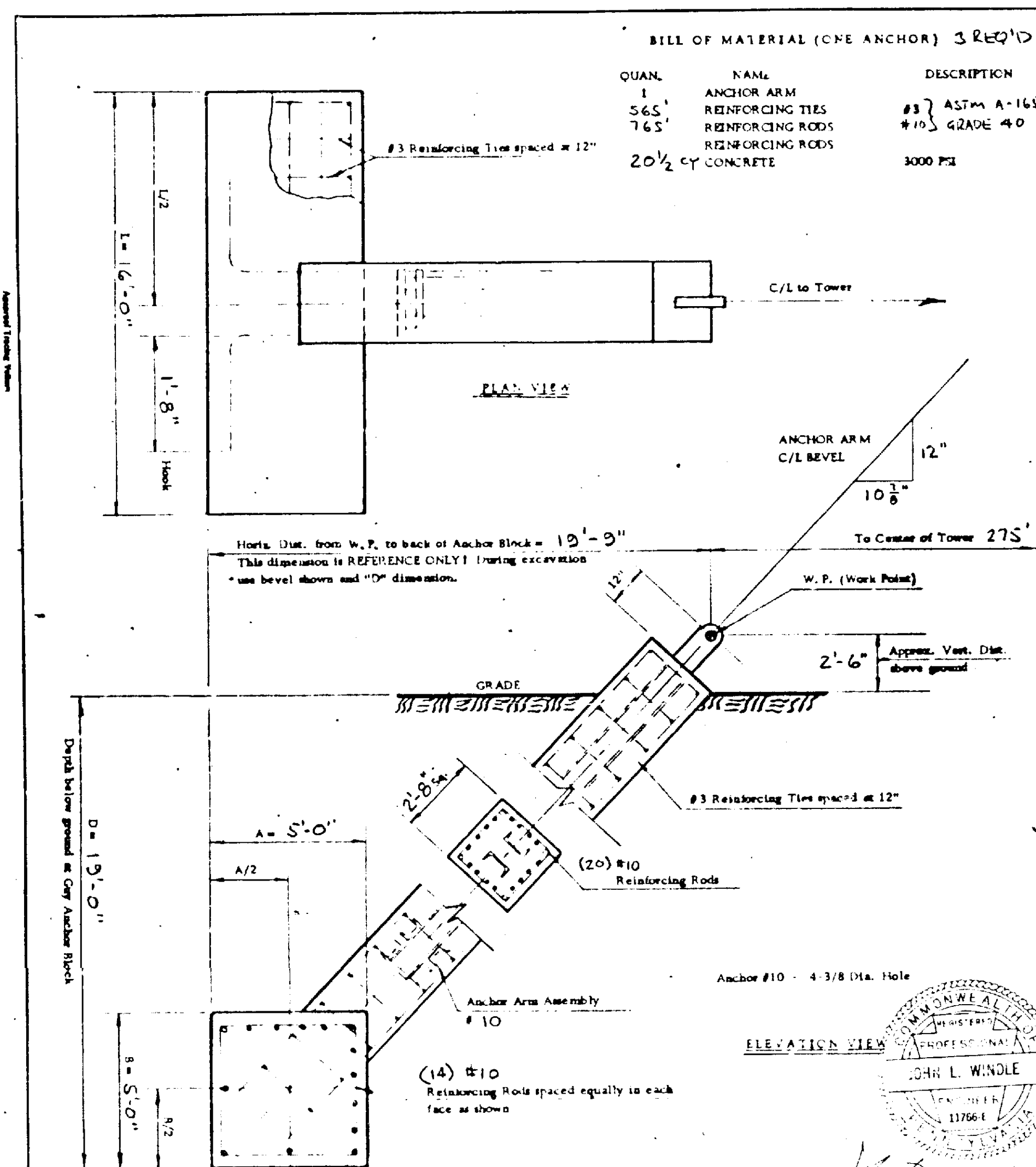
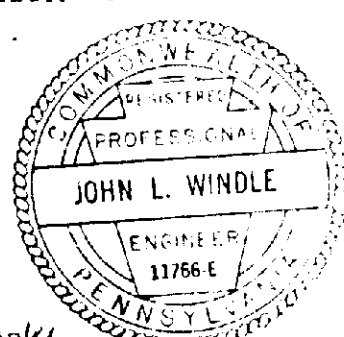
[Signature]
William T. Hackett, Chairman
[Signature]
Patricia Phipps
[Signature]
LeRoy B. Spurrier



<u>QUANTITY</u>	<u>NAME</u>	<u>DESCRIPTION</u>
4	ANCHOR BOLTS	1-1/4" x 5" LG. #1000
	TEMPATE	
1200'	REINFORCING BARS	#9 } ASTM
170'	REINFORCING BARS	#3 } A-16S
	REINFORCING TIES	#3 } GRADE 40
36 CU. YDS.	CONCRETE	3000 PSI

GENERAL NOTES

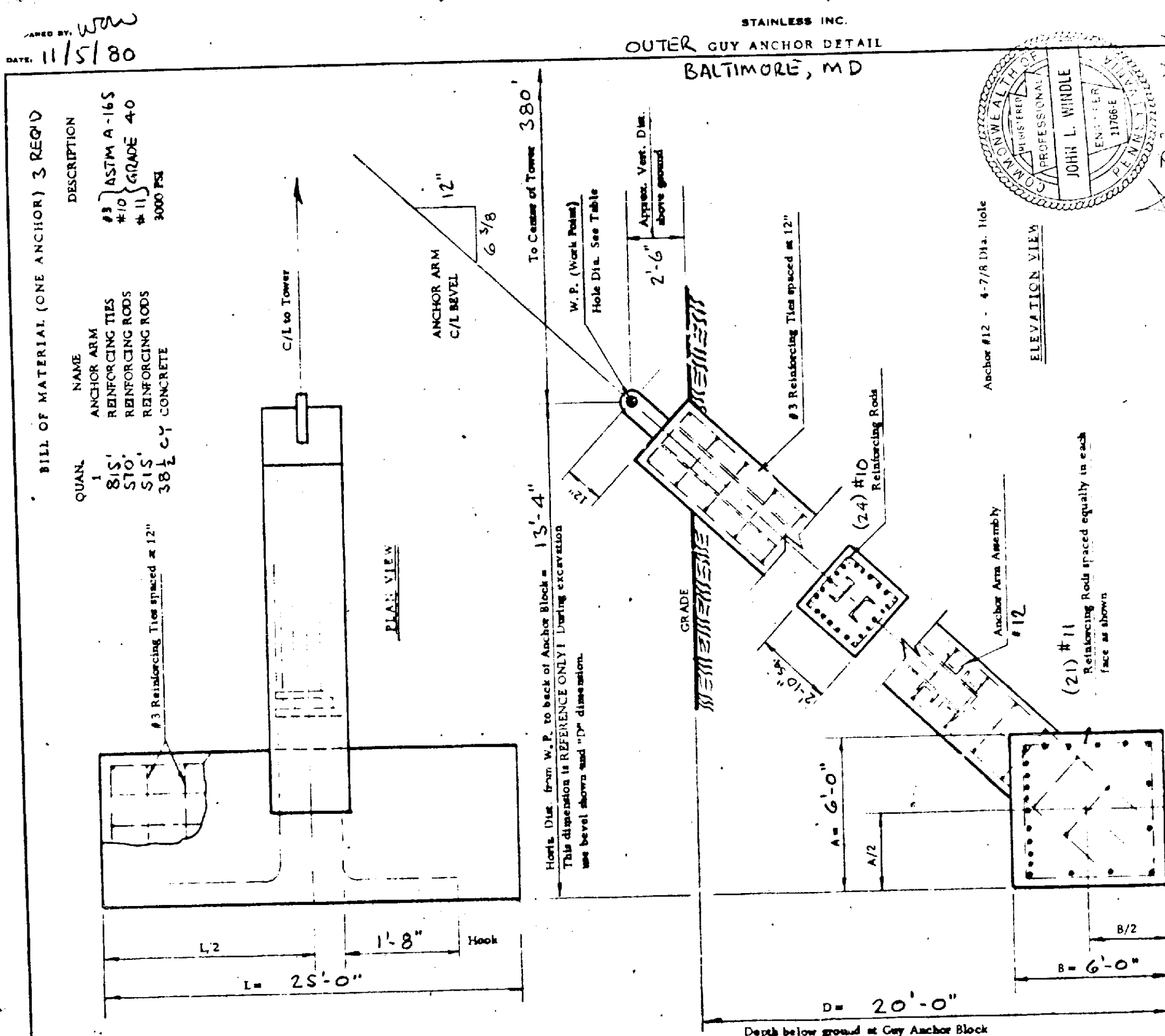
1. All concrete to have a minimum compressive strength of 3,000 p.s.i. after 28 days.
2. Base foundation has 4000 p.s.i. bearing pressure with maximum compressive tower load.
3. Concrete and reinforcing bars furnished by foundation contractor.
4. Minimum cover for reinforcing bars is 3".
5. Bend reinforcing bars cold and remove all scale.
6. The footing must rest on undisturbed soil.
7. No rough lumber to be used where concrete surface is visible.
8. The anchor bolts must be perpendicular to top of foundation.
9. The anchor bolts must be securely tied together prior placing concrete.
10. Use template supplied for setting of anchor bolts.
11. All backfill to be tamped around pier.
12. All exposed concrete corners shall be beveled neatly approximately 1" chamfer.



BILL OF MATERIAL (ONE ANCHOR) 3 REQ'D		
QUAN.	NAME	DESCRIPTION
1	ANCHOR ARM	
565'	REINFORCING TIES	#8 } ASTM A-161
765'	REINFORCING RODS	#10 } GRADE 40
	REINFORCING RODS	
20 1/2 CY	CONCRETE	3000 PSI

GENERAL NOTES

1. All concrete to have a minimum compressive strength of 3000 psi after 28 days.
2. Concrete and reinforcing bars furnished by foundation contractor.
3. Minimum cover for reinforcing bars is 3".
4. Bend reinforcing bars cold and remove all scale.
5. No rough lumber to be used where concrete surface is visible.
6. Backfill near and around all foundations with a reasonable well graded fill and compact thoroughly.
7. All exposed concrete corners shall be beveled neatly approximately 1" chamfer.
8. The front face of the guy anchor block to be poured against undisturbed soil.
9. CAUTION: The anchor plate should be in vertical plane of the guy radial.
10. For exact elevation of work points and distance from tower center, as well as orientation of each anchor, see Plot Plans.
IMPORTANT: ANCHOR POINT ELEVATIONS AND ANCHOR DISTANCES MUST BE HELD TO ± 0.3 FT.
11. Pour anchors in this sequence:
 - (a) Base Pier
 - (b) Inner Anchors
 - (c) Middle Anchors (if Required)
 - (d) Outer Anchors
12. Anchor arm and block to be poured monolithically.

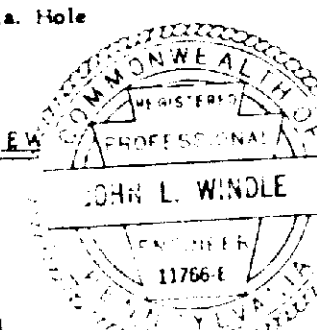
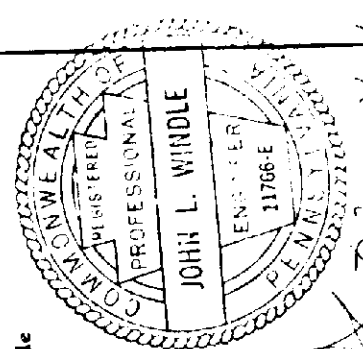


PAGE NO. E-3.1
REPORT NO 601-P

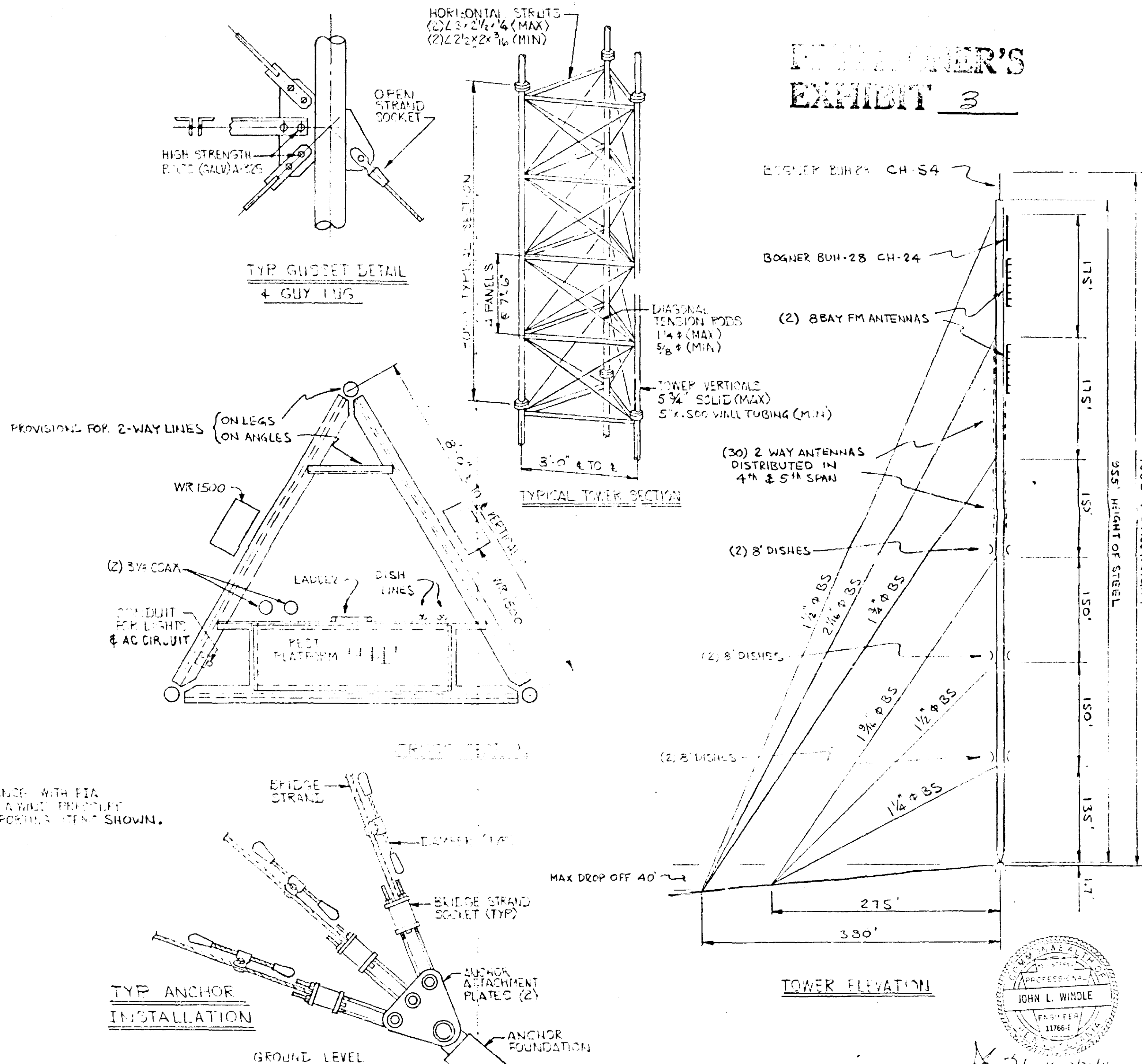
REV	DATE	DESCRIPTION
-----	------	-------------

GENERAL NOTES

10. For exact elevation of work point and distance from tower center, as well as orientation of each anchor, see Plot Plan.
 11. IMPORTANT: WORK POINT ELEVATIONS AND ANCHOR DISTANCES MUST BE HELD TO ± 0.3 FT.
 12. Anchor arm and block to be poured monolithically.
- GENERAL NOTES
1. All concrete to have a minimum compressive strength of 3000 psi after 28 days.
 2. Concrete and reinforcing bars furnished by foundation contractor.
 3. Minimum cover for reinforcing bars is 3".
 4. Read reinforcing bars cold and remove all scale.
 5. No rough lumber to be used where concrete surface is visible.
 6. Backfill near and around all foundations with a reasonable well graded fill and compact thoroughly.
 7. All exposed concrete corners shall be beveled neatly approximately 1" chamfer.
 8. The front face of the guy anchor block to be poured against undisturbed soil.
 9. CAUTION: The anchor plate should be in vertical plane of the guy radial.

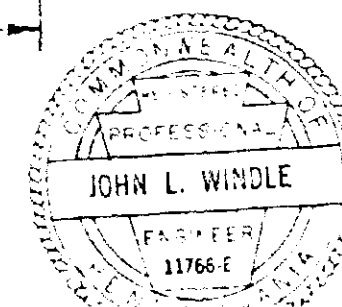


F. W. WINDLE'S EXHIBIT 3



NOTES:

- 1-TOWER IS DESIGNED IN ACCORDANCE WITH FIA SPECIFICATION RS-222-C FOR A WIND PRESSURE OF 65 P.S.F., NO ICE, WHILE SUPPORTING ITEM SHOWN.



3/30/81

RE: PETITION FOR * BEFORE THE COUNTY
SPECIAL EXCEPTION * BOARD OF APPEAL
N.E. CORNER OF POWERS LANE * OF BALTIMORE COUNTY
AND NUWOOD DRIVE - 1ST *
ELECTION DISTRICT * Case No. 81-179-X

ORDER FOR DISMISSAL OF APPEAL

On behalf of Westerlee Community, Inc., please enter its appeal filed herein from the June 2, 1981 decision of the Zoning Commissioner, "DISMISSED, WITH PREJUDICE," open cost in the case, however to be paid by the Petitioner, New Vision, Inc.

WESTERLEE COMMUNITY, INC.

By: *Vita Janaras*
VITA JANARAS, President

Edward L. Zankin
EDWARD L. ZANKIN
38 Bloomsbury Avenue
Catonsville, MD 21228
301-744-5800
Attorney for Appellant

The above Order for Dismissal of Appeal is approved:

NEW VISION, INC.

By: *Samuel Kravetz*
SAMUEL KRAVETZ

Eugene P. Smith
EUGENE P. SMITH
100 South Charles Street
Baltimore, MD 21201
301-332-0713
Attorney for Appellees

BALTIMORE COUNTY
DEPARTMENT OF PUBLIC WORKS
TOWSON, MARYLAND 21204

HARRY J. PISTEL, P.E.
DIRECTOR

February 13, 1981

Mr. William E. Hammond
Zoning Commissioner
County Office Building
Towson, Maryland 21204

Re: Item #136 (1980-1981)
Property Owner: The Hoffman Family Limited Partnership and Rose M. Hoffman
N/E cor. Powers Lane and Nuwood Drive
Acres: Parcel #1 - 17.50 Acres
Parcel #2 - 1.30 Acres
District: 1st

Dear Mr. Hammond:

The following comments are furnished in regard to the plat submitted to this office for review by the Zoning Advisory Committee in connection with the subject item.

General:

The comments which were supplied in connection with the Zoning Advisory Committee review for a portion of this property for Item 237 (1972-1973) and Item 204 (1976-1977) are referred to for your consideration.

This office has no further comment in regard to the plan submitted for Zoning Advisory Committee review in connection with this Item 136 (1980-1981).

Very truly yours,

Robert A. Morton
ROBERT A. MORTON, P.E., Chief
Bureau of Public Services

RAM:EAM:FWR:ss

cc: Jack Wimbley
John Tremner
Harris Shalowitz

Attachments

H-NE Key Sheet
3 & 4 SW 28 Pos. Sheets
SW 1 & 2 G Topo
94 Tax Map

RE: PETITION FOR * BEFORE THE ZONING
SPECIAL EXCEPTION * COMMISSIONER OF
N.E. CORNER OF POWERS LANE * BALTIMORE COUNTY
AND NUWOOD DRIVE * Case No. 81-179-X

ORDER FOR APPEAL

Mr. Zoning Commissioner:

Please enter an appeal on behalf of Westerlee Community,

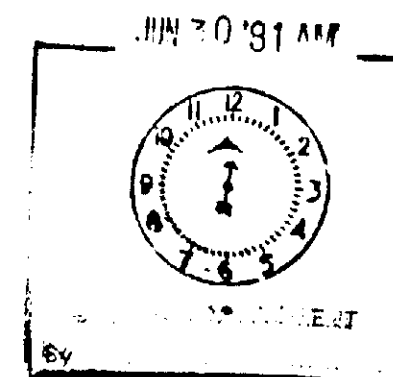
Inc. of your decision of June 2, 1981

Vita Janaras
VITA JANARAS, President

Edward L. Zankin
EDWARD L. ZANKIN
38 Bloomsbury Avenue
Catonsville, MD 21228
301-744-5800
Attorney for Westerlee
Community, Inc.

I HEREBY CERTIFY that on this 29th day of June, 1981, a copy of the foregoing Order for Appeal was mailed to: Eugene P. Smith, Esquire, WEINBERG & GREEN, 14th Floor, Equitable Building, 100 S. Charles Street, Baltimore, Maryland 21202

Edward L. Zankin
EDWARD L. ZANKIN



BALTIMORE COUNTY

ZONING PLANS

ADVISORY COMMITTEE



PETITION AND SITE PLAN

EVALUATION COMMENTS

BALTIMORE COUNTY ZONING PLANS ADVISORY COMMITTEE

April 10, 1981

CITY OFFICE 4555
111 W. Lombard Ave.
Towson, Maryland 21204

330

Department of Planning

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June 2, 1981

Eugene P. Smith, Esquire
Equitable Bank Center, 14th Floor
Baltimore, Maryland 21201

RE: Petition for Special Exception
NE/corner of Powers Lane and
Nuwood Drive - 1st Election
District
The Hoffman Family Limited
Partnership - Petitioner
NO. 81-179-X (Item No. 136)

Dear Mr. Smith:

I have this date passed my Order in the above referenced matter in accordance with the attached.

Very truly yours,

WILLIAM F. HAMMOND
Zoning Commissioner

WEH/srl

Attachments

cc: Mr. George Kessel, President
Westerlee Community, Inc.
1200 Cedar Circle Court
Baltimore, Maryland 71228

John W. Hessian, III, Esquire
People's Counsel

Mr. John R. Reisinger
Buildings Engineer
Department of Permits and Licenses

July 15, 1981

Eugene P. Smith, Esquire
Equitable Bank Center - 14th Floor
100 South Charles Street
Baltimore, Maryland 21201

RE: Petition for Special Exception
NE/corner of Powers Lane & Nuwood Dr.
The Hoffman Family Limited Partnership -
Petitioner
Case No. 81-179-X

Dear Mr. Smith:

Please be advised that an Appeal has been filed by Edward L. Zamarin, Attorney for Westerlee Community, Inc. from the decision rendered by the Zoning Commissioner of Baltimore County in the above-referenced matter.

You will be notified of the date and time of the appeal hearing when it is scheduled by the County Board of Appeals.

Very truly yours,

William E. Hammond
Zoning Commissioner

WEH:klr

cc: John W. Hessian, III, Esquire
People's Counsel

FOR ZONING FILE

PREPARED BY: CC/CM

STAINLESS INC.

PAGE NO. 1

DATE: 11/3/81

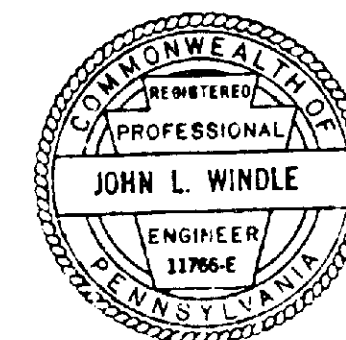
TABLE OF CONTENTS

REPORT NO. 2893

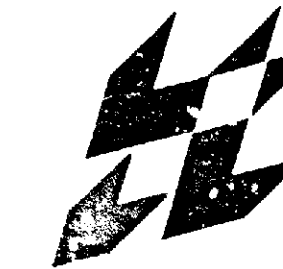
DESCRIPTION	PAGE NO.
PILOT PLAN	E1.1
PERMISSIBLE TOLERANCES FOR GUY ANCHOR PLACEMENT	E1.2
BASE FOUNDATION DETAILS	E2
WAVEGUIDE BRIDGE PIER AND LOCATION	E2.1
GUY ANCHOR DETAIL - A-1	E3
GUY ANCHOR DETAIL - A-1	E3.1
GUY ANCHOR DETAIL - C-1	E3.2
GUY ANCHOR DETAIL - A1 & B2	E3.3, E3.4
GUY ANCHOR DETAIL - C2	E3.5
GROUNDING DETAILS	E3.6
SUPPLY LIST	E11

Foundation and anchors are designed based on information contained in "Soil and Foundation Investigations in connection with proposed Channel 54 tower, 2038 Powers Lane, Baltimore County, Maryland," by Chesapeake Geotechnical Consultants, Inc., Towson, Maryland.

I hereby certify that these drawings are equal to or exceed the specifications and construction drawings for petitioner's exhibits 2 and 3.



John L. Windle, P.E.
11/3/81



October 1, 1981

Mr. William E. Hammond
Office of Planning and Zoning
County Office Building
Towson, Maryland 21204

Dear Mr. Hammond:

Mr. Eugene Raphael has asked for my comments as to the location, size and configuration of our building and the location of our transmitting tower.

I have contacted various experts involved with these seemingly easy questions. My sources for the information are: Mr. Douglas Delaude, Consulting Radio and Television Engineer, as to the wave guide, and its location; Mr. Ed Hamilton, Consultant on the building, its size, location, air conditioning, electrical and plumbing design; Mr. Eugene Raphael, registered professional land surveyor; and Mr. John Wendle, Chief Engineer, Stainless, Inc., manufacturer of the tower.

The building has been reduced in size from the proposed 70 x 70, 4900 sq. ft. to 60 x 60, 3600 sq. ft., which will be sufficient to serve our needs. The wave guide (the carrier of the signal instead of a string of copper cable) should leave the building and be connected to one side of the tower (then vertically up the tower) without any bends, angle turns, or raising or lowering of elevation so as to insure the most stable signal and for optimum efficiency in getting the signal to the top of the tower where the antenna will be. The wave guide must be 95 ft. in the horizontal, mandating the distance between the building and the tower to be 95 ft. The location of the tower on our site plan was the best definable location at that time. A move is required by mathematical formulas for the horizontal guy locations based on field run topography.

I trust that this information, received from qualified experts in their fields of competence, is adequate for your needs.

Very truly yours,

NEW VISION, INC.

Sam Kravetz, President

SK/dhk

New Vision, Inc. 51 LAKE SHORE DRIVE - ROCKAWAY, NEW JERSEY 07866 - (201) 627-5565

PETITION FOR SPECIAL EXCEPTION

1st District

ZONING: Petition for Special Exception
LOCATION: Northeast corner of Powers Lane and Nuwood Drive
DATE & TIME: Tuesday, April 21, 1981 at 9:30 A.M.
PUBLIC HEARING: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing:

Petition for Special Exception for wireless transmitting and receiving structures, as the principal structures and as the principal use

All that parcel of land in the First District of Baltimore County

Being the property of The Hoffman Family Limited Partnership, et al, as shown on plat plan filed with the Zoning Department

Hearing Date: Tuesday, April 21, 1981 at 9:30 A.M.
Public Hearing: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland

BY ORDER OF
WILLIAM F. HAMMOND
ZONING COMMISSIONER
OF BALTIMORE COUNTY

March 13, 1981

Eugene P. Smith, Esquire
Equitable Bank Center - 14th Floor
Baltimore, Maryland 21201

NOTICE OF HEARING

RE: Petition for Special Exception - NE/C Powers Lane & Nuwood Drive - The Hoffman Family Limited Partnership, et al
Case No. 81-179-X

TIME: 9:30 A.M. 1:30

DATE: Tuesday, April 21, 1981

PLACE: ROOM 106 COUNTY OFFICE BUILDING, 111 W. CHESAPEAKE AVENUE,

TOWSON, MARYLAND

WILLIAM F. HAMMOND
ZONING COMMISSIONER OF
BALTIMORE COUNTY

Eugene P. Smith, Esquire
Equitable Bank Center - 14th Floor
Baltimore, Maryland 21201

NOTICE OF HEARING

RE: Petition for Special Exception - NE/C Powers Lane and Nuwood Drive - The Hoffman Family Limited Partnership, et al
Case No. 81-179-X

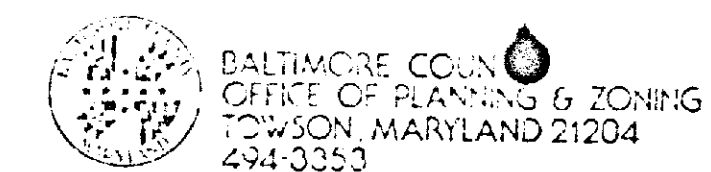
TIME: 9:30 A.M. 1:30

DATE: Tuesday, April 21, 1981

PLACE: ROOM 106 COUNTY OFFICE BUILDING, 111 W. CHESAPEAKE AVENUE,

TOWSON, MARYLAND

WILLIAM F. HAMMOND
ZONING COMMISSIONER OF
BALTIMORE COUNTY



WILLIAM F. HAMMOND
ZONING COMMISSIONER

April 14, 1981

Eugene P. Smith, Esquire
Equitable Bank Center - 14th Floor
Baltimore, Maryland 21201

RE: Petition for Special Exception
NE/C Powers Lane and Nuwood Drive
The Hoffman Family Limited Partnership,
et al
Case No. 81-179 X

This is to advise you that \$60.75 is due for advertising and posting of the above-property.

Please make check payable to Baltimore County, Maryland and remit to Sondra Jones, Room 113, County Office Building, Towson, Maryland 21204, before the hearing.

Very truly yours,

WILLIAM F. HAMMOND
Zoning Commissioner

WEH:sj

PETITION FOR SPECIAL EXCEPTION
1st District

ZONING: Petition for Special Exception
LOCATION: Northeast corner of Powers Lane and Nuwood Drive
DATE & TIME: Tuesday, April 21, 1981 at 9:30 A.M.
PUBLIC HEARING: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland

The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing:

Petition for Special Exception for wireless transmitting and receiving structures, as the principal structures and as the principal use

All that parcel of land in the First District of Baltimore County

Being the property of The Hoffman Family Limited Partnership, et al, as shown on plat plan filed with the Zoning Department

Hearing Date: Tuesday, April 21, 1981 at 9:30 A.M.
Public Hearing: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland

BY ORDER OF
WILLIAM E. HAMMOND
ZONING COMMISSIONER
OF BALTIMORE COUNTY

E. F. RAPHEL & ASSOCIATES
Registered Professional Land Surveyors
201 COURTLAND AVENUE
TOWSON, MARYLAND 21204

OFFICE: 825-3908

December 22, 1980

RESIDENCE: 771-4592

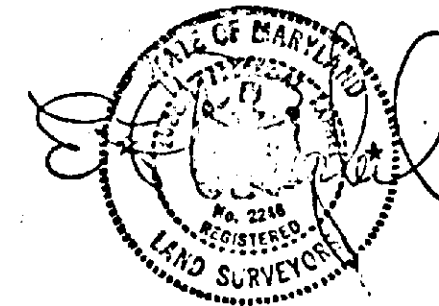
Description to Accompany Petition
for Special Exception for Tower
2038 Powers Lane

Beginning for the first at a point located southeasterly 925'± from the intersection formed by Powers Lane and Nuwood Drive said point being at the end of the fourth line of the land conveyed to The Hoffman Family Limited Partnership, by EMK Jr. 5724 folio 559 running thence on the outline of said deed, 1) in the bed of Powers Lane N 69° 45' 40" W 922.37' thence 2) N 11° 46' 20" E 856.21', 3) S 70° 40' 40" E 891.71' and 4) S 9° 56' 58" W 866.76' to the place of Beginning.

Containing 17.5 AC of line more or less.
Being all of the land which by deed dated May 20, 1976 and recorded in Liber EHK Jr. 57-4 folio 559 was conveyed to The Hoffman Family Limited Partnership.

Beginning for the second at a point located southeasterly 925'± from the intersection formed by Powers Lane and Nuwood Drive said point being at the end of the first line of the land conveyed to Baltimore County by deed GLB 3353 folio 94 running thence on part of the outline in said deed 1) in the bed of Powers Lane, S 70° 53' 59" E 250' thence N 19° 06' 01" E 90' thence N 31° 00' 14" W 398.41' to intersect the second line in said deed thence reversely on said line S 9° 56' 58" W 350' to the place of Beginning.

Containing 1.3 AC more or less.
Being part of the land which by deed dated May 5, 1958 and recorded in Liber GLB 3353 folio 94 was conveyed to Baltimore County, Maryland.



E. F. Raphael
Reg. Pro. Land Surveyors

494-3180

County Board of Appeals
Room 219, Court House
Towson, Maryland 21204
September 11, 1981

Edward L. Zamarin, Esquire
38 Bloomsbury Avenue
Catonsville, Md. 21228

Re: Case No. 81-179-X
The Hoffman Family
Limited Partnership

Dear Mr. Zamarin:

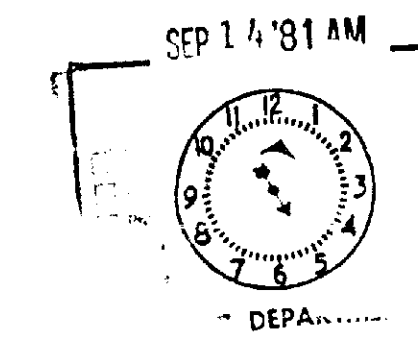
Enclosed herewith is a copy of the Order of Dismissal passed today by the County Board of Appeals in the above entitled case.

Very truly yours,

Edith T. Eisenhart, Adm. Secretary

Encl.

cc: Eugene P. Smith, Esquire
Vita Janaras
John W. Hession, III, Esq.
John A. and Rose M. Hoffman
Samuel S. Kravetz
Thomas J. Bollinger, Esq.
Mr. W. E. Hanimond
Mr. J. E. Dyer
Mr. N. E. Garber
Mr. J. G. Haswell



Stainless, inc.

NORTH WALES • PENNSYLVANIA

EXHIBIT 2



REPORT

DATE: NOVEMBER 5, 1980

TITLE
STRUCTURAL ANALYSIS
1000 FT. G-8 TOWER
BALTIMORE, MD

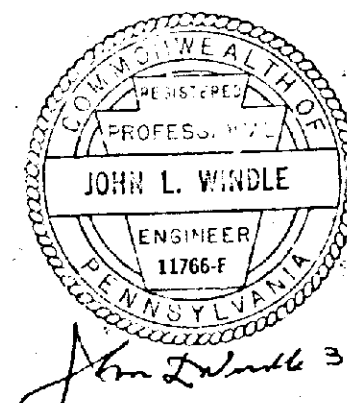
PREPARED: MOW APPROVED: JLM

CHECKED BY:

CONTRACT NO.
OR REFERENCE:

SUBJECT OF
CONTRACT:

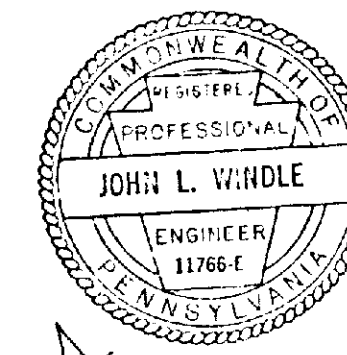
Revisions



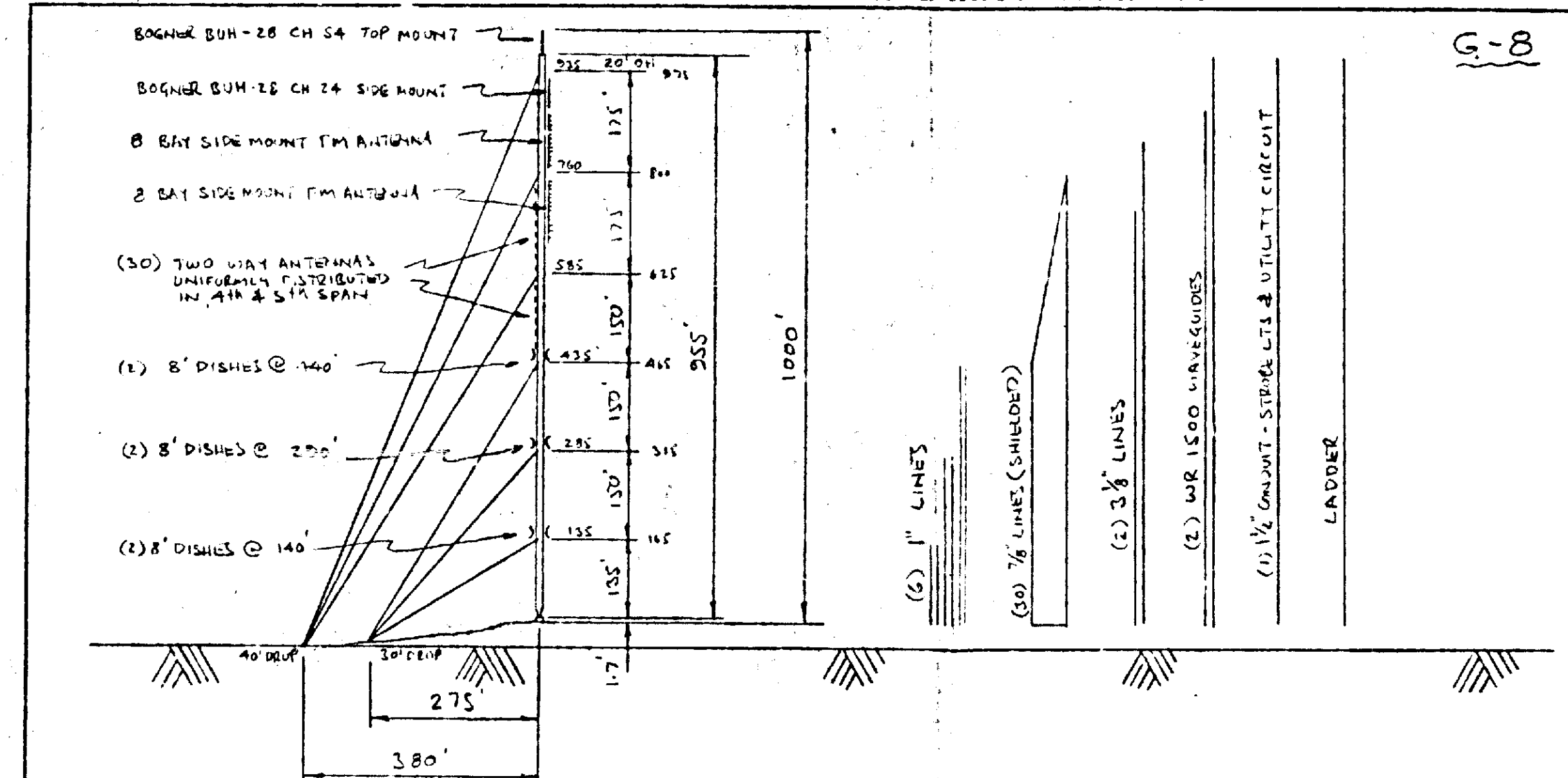
PREPARED BY: JLM:jlm
DATE: 11-5-80
STAINLESS INC.
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REPORT NO. 601-P

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TOWER INPUT DATA	2
GUY INPUT DATA	2.1
GUY LOADS, TOWER MOMENTS AND SHEARS	2.2
TOWER LEG AND BASE PIER LOADS	2.3
ANCHOR LOADS	2.4
WIND INTO TOWER FACE	
TOWER INPUT DATA	3
GUY INPUT DATA	3.1
GUY LOADS, TOWER MOMENTS AND SHEARS	3.2
TOWER LEG AND BASE PIER LOADS	3.3
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MEMBER LOADS & SIZES	4
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DIAGONALS	5.1 THRU 5.6
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PREPARED BY: MOW
DATE: 11/3/80
STAINLESS INC.
SPECIFICATIONS & ARRANGEMENT
PAGE NO. 1
REPORT NO.



SPECIAL INSTRUCTIONS

(2) 8' DISHES
 $WL_{10} = \frac{1}{4} \times 8 \times 65 \times 1.75 = 5718 \#$
 $Wt = 281 \times 2 = 502 \#$

(15) 2 WAYS IN 5TH SPAN
(ENTERED AS UNIFORM LOAD ON PG 2)
 $WL_{10} = \frac{3.5 \times 15 \times 10}{150} = 3.5 \# / FT$
 $Wt = \frac{30 \times 15}{150} = 3.0 \# / FT$

(15) 2 WAYS IN 5TH SPAN
(ENTERED AS UNIFORM LOAD ON PG 2)
 $WL_{10} = \frac{3.5 \times 15 \times 10}{175} = 3.00 \# / FT$
 $Wt = \frac{30 \times 15}{175} = 2.57 \# / FT$

FM IN 5TH SPAN
(ENTERED AS UNIFORM LOAD ON PG 2)
 $WL_{10} = \frac{2454}{5 \times 175} = 2.80 \# / FT$
 $Wt = \frac{849}{175} = 4.85 \# / FT$

CH 24 TV & FM IN 6TH SPAN
(ENTERED AS UNIFORM LOAD ON PG 2)
 $WL_{10} = \frac{2454 + 2345}{5 \times 175} = 5.45 \# / FT$
 $Wt = \frac{849 + 4000}{175} = 27.71 \# / FT$

LOADS ABOVE TOP GUY
 $M = (182.2 \times \frac{20}{2}) + (2478 \times 20) + 34,800 = 120,800 \# \cdot FT$
 $S = (182.2 \times 20) + 2478 = 6122 \#$
 $Wt = (182.77 \times 20) + 3200 = 5255 \#$

REV	DATE	DESCRIPTION
		Location:
		Wind Load 65 PSF
		Guy ☒
		Clip
		Fixed ☒ SOCKETS
		Antenna (TOP) Type BUH-28 CH 24 Ht. 43.3' INCLUDING LINE & VED Wt. 3200# Bury on Pedestal M.L.S. = 34,800 FT# S. 65 = 2478# R1 R2 R3
		Other Requirements:

PREPARED BY
DATE 11/4/80

STAINLESS, INC
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 2.3
JOB NO.

LEG LOADS--WIND INTO LEGS

LEVEL	ELEVATION (FT.)	(WT + VC)/3. (KIPS)	LEG A (KIPS)	LEG B (KIPS)	LEG SIZE	HORIZONTALS	DIAGONALS
6	935.0	1.751 55.127	-15.684 87.010	10.469 39.185			
		57.857 (63.0 FT. FROM TOP OF SPAN.)	164.480	4.561			
5	760.0	63.746 149.863	-134.893 51.289	163.066 199.150			
		154.095 (81.0 FT. FROM TOP OF SPAN.)	214.015	124.135			
4	585.0	158.996 215.975	-7.264 117.093	242.127 265.416			
		221.552 (78.0 FT. FROM TOP OF SPAN.)	264.396	200.130			
3	435.0	226.867 271.356	140.082 240.889	270.260 286.590			
		276.900 (56.0 FT. FROM TOP OF SPAN.)	313.469	258.615			
2	285.0	286.373 321.171	123.141 206.014	367.989 378.749			
		330.182 (84.0 FT. FROM TOP OF SPAN.)	378.351	306.087			
1	135.0	337.393 353.290	278.349 315.788	366.916 372.041			
		362.343 (74.0 FT. FROM TOP OF SPAN.)	458.857	314.085			
BASE	0.0		369.803	369.805			

TOTAL LOAD ON BASE = 1109.415 ← SEE P 3.3 FOR MAX. BASE LOAD

SEE P 4

PREPARED BY
DATE 11/4/80

STAINLESS, INC
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 2.4
JOB NO.

WIND INTO LEGS TRIAL NO. 1

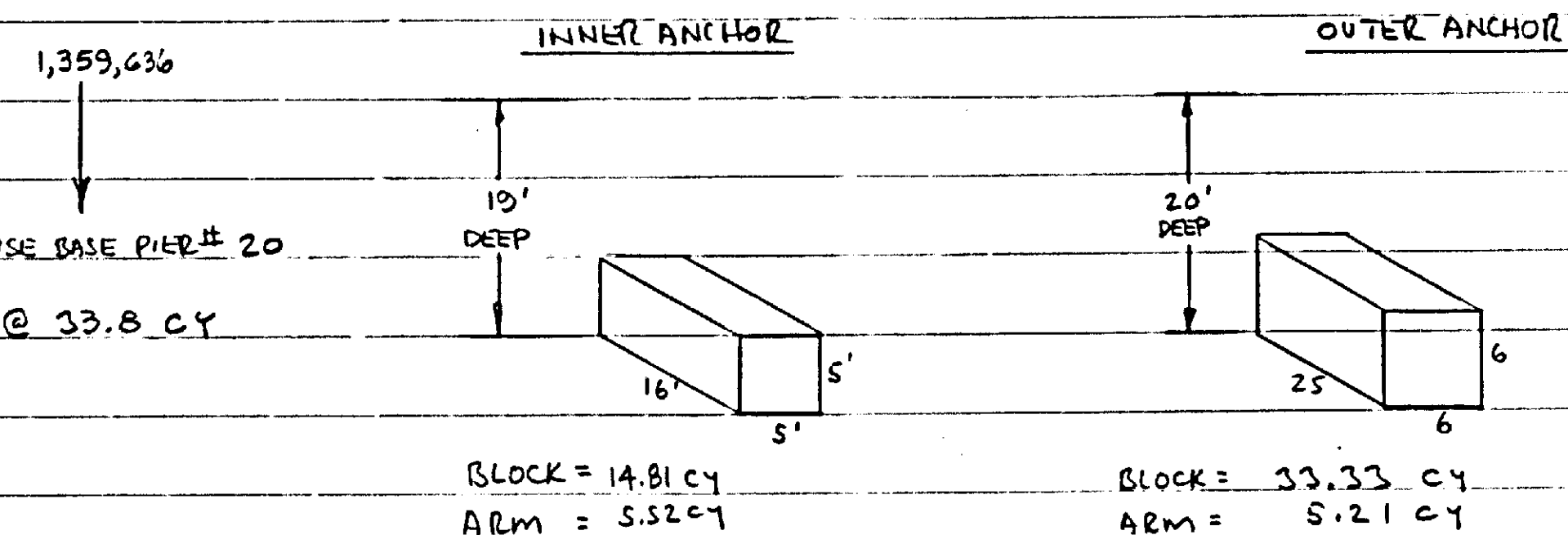
MAXIMUM ANCHOR LOADS

INDIVIDUAL GUY COMPONENTS AT ANCHOR

HORIZ. DIST. TO ANCHOR (FT.)	GUY LEVEL	VERT. COMP. (KIPS)	HORIZ. COMP. (KIPS)	HORIZ. COMP. AT ANCHOR PERPENDICULAR TO GUY (KIPS)	RESULTANT (KIPS)
275.0	1	36.206	1.537	0.144	71.398
	2	80.288	72.072	0.259	107.891
	3	97.082	60.059	0.276	114.159
380.0	4	118.216	75.892	0.431	140.480
	5	176.354	89.833	0.440	197.916
	6	96.287	41.995	0.281	105.047

ANCHOR LOADS

HORIZ. DIST. TO ANCHOR (FT.)	VERT. COMP. (KIPS)	HORIZ. COMP. (KIPS)	HORIZ. COMP. AT ANCHOR PERPENDICULAR TO GUY (KIPS)	RESULTANT ANGLE (DEG)	RESULTANT OF GUYS AT ANCHOR (KIPS)
275.0	213.577	193.669	0.680	47.7	288.312 (2) $\phi 3 \times 30 \sqrt{50}$
380.0	390.858	207.721	1.159	62.0	442.628 (2) $\phi 12 \times 30 \sqrt{50}$



TOTAL CONCRETE $\approx$ 210 CY

PREPARED BY
DATE 11/4/80

STAINLESS, INC
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 3
JOB NO.

TOWER DATA TRIAL NO. 1

TOWER WIDTH(FT.)	SAFETY FACTOR ON GUYS	MOMENT ABOVE TOP GUY(FT.KIPS)		SHEAR ABOVE TOP GUY(KIPS)		WT. ABOVE TOP GUY(KIPS)		MOD. OF ELASTICITY OF TOWER	
8.00	2.50	120.800		6.122		5.255		0.29E 08	
GUY SPAN	SPAN LENGTH(FT)	LEG DIA. (IN.)	WALL THK. OF LEG (IN.)	W.L./FT. IN SPAN(LB/FT)	WT./FT. IN SPAN(LB/FT)	CONC. W.L. AT GUY POINT(KIPS)	CONC. W.L. AT GUY PT.(KIPS)		
1	135.0	5.7500	2.8750	324.3	367.0	0.00	0.00		
2	150.0	5.2500	2.6250	315.4	321.1	0.00	0.00		
3	150.0	5.0000	2.5000	299.3	297.0	0.00	0.00		
4	150.0	5.0000	0.5000	314.9	214.5	0.00	0.00		
5	175.0	5.0000	0.3750	318.5	154.6	0.00	0.00		
6	175.0	5.0000	0.2500	217.8	130.5	0.00	0.00		
GUY SPAN	FIRST CONC. FT. FROM TOP	LOAD FROM TOP W.L. KIPS	WT. KIPS	SECOND CONC. FT. FROM TOP	LOAD FROM TOP W.L. KIPS	WT. KIPS			
1	0.0	0.000	0.000	0.0	0.000	0.000			
2	145.0	5.718	0.502	0.0	0.000	0.000			
3	145.0	5.718	0.502	0.0	0.000	0.000			
4	145.0	5.718	0.502	0.0	0.000	0.000			
5	81.0	0.767	0.172	144.0	0.707	0.172			
6	83.0	5.369	1.433	145.0	5.555	1.538			

PREPARED BY
DATE 11/4/80

STAINLESS, INC
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 3.1
JOB NO.

WIND INTO FACE TRIAL NO. 1

GUY DATA

FINAL TEMP. = 60. INITIAL TEMP. = 60.

GUY LEVEL	SYD. GUYS	INTL DEFLECTION (FT.)	INCR ANCHOR	GUYS/ ANCHOR	WIND VELO. (MPH)	HORIZ. (FT)	VERT. (FT)	INITL TENSN. (KIPS)	RADIAL ICE THCK. (IN.)	WT./CU. FT.	GUY DIAM. (IN.)	MOD OF ELAST (OF GUYS)	GUYS DIST THIS INCT LEV. GUYS
1	S	0.49	0.33	1.	127.5	275.0	165.0	19.200	0.00	0.0	1.2500 BS	0.24E 08	3. 2
		GUY WT/FT = 3.280				CROSS SECTIONAL AREA (SQ. IN.) = 0.9900				GUY NO.	GUY ANGLE	ECC MOM ARM	NO. OF GUYS
										1	60.	2.310	2.
										2	180.	-4.620	1.
2	S	2.09	0.70	1.	127.5	275.0	315.0	27.600	0.00	0.0	1.5000 BS	0.24E 08	3. 2
		GUY WT/FT = 4.730				CROSS SECTIONAL AREA (SQ. IN.) = 1.3570				GUY NO.	GUY ANGLE	ECC MOM ARM	NO. OF GUYS
										1	60.	2.310	2.
										2	180.	-4.620	1.
3	S	1.06	1.06	1.	127.5	275.0	465.0	30.000	0.00	0.0	1.5625 BS	0.24E 08	3. 2
		GUY WT/FT = 5.130				CROSS SECTIONAL AREA (SQ. IN.) = 1.4840				GUY NO.	GUY ANGLE	ECC MOM ARM	NO. OF GUYS
										1	60.	2.310	2.
										2	180.	-4.620	1.
4	S	1.43	1.43	1.	127.5	380.0	625.0	37.600	0.00	0.0	1.7500 BS	0.24E 08	3. 2
		GUY WT/FT = 6.430				CROSS SECTIONAL AREA (SQ. IN.) = 1.8040				GUY NO.	GUY ANGLE	ECC MOM ARM	NO. OF GUYS
										1	60.	2.310	2.
										2	180.	-4.620	1.
5	S	5.57	1.86	1.	127.5	380.0	800.0	52.200	0.00	0.0	2.0625 BS	0.24E 08	3. 2
		GUY WT/FT = 8.940				CROSS SECTIONAL AREA (SQ. IN.) = 2.5700				GUY NO.	GUY ANGLE	ECC MOM ARM	NO. OF GUYS
										1	60.	2.310	2.
										2	180.	-4.620	1.
6	S	7.00	2.33	1.	127.5	380.0	975.0	27.600	0.00	0.0	1.5000 BS	0.24E 08	3. 2
		GUY WT/FT = 4.730				CROSS SECTIONAL AREA (SQ. IN.) = 1.3570				GUY NO.	GUY ANGLE	ECC MOM ARM	NO. OF GUYS
										1	60.	2.310	2.
										2	180.	-4.620	1.

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STAINLESS, INC.

PAGE NO. 1

ELEV. 0 TO FEET					ELEV. FT. TO FEET					ELEV. FT. TO FEET				
10# Wind Load					10# Wind Load					10# Wind Load				
#/FT.	Ref.	#/FT.	Weight	Ref.	#/FT.	Ref.	#/FT.	Weight	Ref.	#/FT.	Ref.	#/FT.	Weight	Ref.
S 3/4" 1 SPAN					S 3/4" 1 SPAN					S 3/4" 1 SPAN				
Bare Tower					Bare Tower					Bare Tower				
Ladder					Ladder					Ladder				
Coax					Coax					Coax				
(2) 24" OF (3) 1"					(2) 24" OF (3) 1"					(2) 24" OF (3) 1"				
(2) 3/8"					(2) 3/8"					(2) 3/8"				
(2) WR 1500					(2) WR 1500					(2) WR 1500				
Conduit					Conduit					Conduit				
(1) 1 1/2"					(1) 1 1/2"					(1) 1 1/2"				
Other					Other					Other				
TOTAL					TOTAL					TOTAL				

ELEV. FT. TO FEET					ELEV. FT. TO FEET					ELEV. FT. TO FEET				
10# Wind Load					10# Wind Load					10# Wind Load				
#/FT.	Ref.	#/FT.	Weight	Ref.	#/FT.	Ref.	#/FT.	Weight	Ref.	#/FT.	Ref.	#/FT.	Weight	Ref.
S X. 500 1 SPAN					S X. 375					S X. 250				
Bare Tower					Bare Tower					Bare Tower				
Ladder					Ladder					Ladder				
Coax					Coax					Coax				
(2) 3/8"					(1) 3/8"					(1) WR 1500				
(2) WR 1500					(2) WR 1500					(1) 1 1/2"				
Conduit					Conduit					Conduit				
(1) 1 1/2"					(1) 1 1/2"					(1) 1 1/2"				
Other					Other					Other				
2 WAYS					2 WAYS					Fm				
TOTAL					TOTAL					TOTAL				

* OVERHANG 28.03 182.20 102.77

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STAINLESS, INC.
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 2
JOB NO.

TOWER DATA TRIAL NO. 1							
TOWER WIDTH(FT.)	SAFETY FACTOR ON GUYS	MOMENT ABOVE TOP GUY(FT.KIPS)	FEAR ABOVE TOP GUY(KIPS)	WT. ABOVE TOP GUY(KIPS)	MOD. OF ELASTICITY OF TOWER		
8.00	2.50	120.800	6.122	5.255	0.29E 08		
GUY SPAN	SPAN LENGTH(FT)	LEG DIA. (IN.)	WALL THK. OF LEG (IN.)	W.L./FT. IN SPAN(LB/FT)	WT./FT. IN SPAN(LB/FT)	CONC. W.L. AT GUY POINT(KIPS)	CONC. WT. AT GUY PT.(KIPS)
1	135.0	5.7500	2.8750	324.3	367.0	0.00	0.00
2	150.0	5.2500	2.6250	315.4	321.1	0.00	0.00
3	150.0	5.0000	2.5000	299.3	297.0	0.00	0.00
4	150.0	5.0000	2.5000	314.9	214.5	0.00	0.00
5	175.0	5.0000	2.3750	312.5	154.6	0.00	0.00
6	175.0	5.0000	2.3750	217.5	130.5	0.00	0.00
GUY SPAN	FIRST CONC. LOAD FROM TOP OF SPAN FT. FROM TOP	W.L. KIPS	WT. KIPS	SECOND CONC. LOAD FROM TOP OF SPAN FT. FROM TOP	W.L. KIPS	WT. KIPS	
1	0.0	0.000	0.000	0.0	0.000	0.000	
2	145.0	5.718	0.502	0.0	0.000	0.000	
3	145.0	5.718	0.502	0.0	0.000	0.000	
4	145.0	5.718	0.502	0.0	0.000	0.000	
5	81.0	0.767	0.172	144.0	0.767	0.172	
6	83.0	5.269	1.483	145.0	5.269	1.483	

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STAINLESS, INC.
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 2.1
JOB NO.

WIND INTO LEGS TRIAL NO. 1										GUY DATA									

FINAL TEMP. = 60. INITIAL TEMP. = 60.																			
GUY LEVEL	STL. GUYS	INTL DEFLECTION (FT.)	INCR ANCHOR (FT.)	GUYS/ VELO. (MPH)	WIND VELO. (MPH)	HORIZ. (FT)	VERT. (FT)	INITL TENS. (KIPS)	RADIAL ICE THCK. (IN.)	W.T./CU.FT.	GUY DIAM. (IN.)	MOD OF ELAST (OF GUYS)	GUYS DIST THIS INCT LEV. GUYS						
=====																			
1	S	0.32	0.33	1.	127.5	275.0	165.0	19.200	0.00	0.0	1.2500 BS	0.24E 08	3.	2					
GUY WT/FT = 5.280										CROSS SECTIONAL AREA (SQ.IN.) = 0.9900									
										GUY NO. GUY ANGLE ECC MOM ARM NO. OF GUYS									
										1 0. 4.620 1.									
										2 120. -2.310 2.									
2	S	0.68	0.70	1.	127.5	275.0	315.0	27.600	0.00	0.0	1.5000 BS	0.24E 08	3.	2					
GUY WT/FT = 4.730										CROSS SECTIONAL AREA (SQ.IN.) = 1.3570									
										GUY NO. GUY ANGLE ECC MOM ARM NO. OF GUYS									
										1 0. 4.620 1.									
										2 120. -2.310 2.									
3	S	1.06	1.06	1.	127.5	275.0	465.0	30.000	0.00	0.0	1.5625 BS	0.24E 08	3.	2					
GUY WT/FT = 5.130										CROSS SECTIONAL AREA (SQ.IN.) = 1.4840									
										GUY NO. GUY ANGLE ECC MOM ARM NO. OF GUYS									
										1 0. 4.620 1.									
										2 120. -2.310 2.									
4	S	1.43	1.43	1.	127.5	380.0	625.0	37.600	0.00	0.0	1.7500 BS	0.24E 08	3.	2					
GUY WT/FT = 6.430										CROSS SECTIONAL AREA (SQ.IN.) = 1.8040									
										GUY NO. GUY ANGLE ECC MOM ARM NO. OF GUYS									
										1 0. 4.620 1.									
										2 120. -2.310 2.									
5	S	1.85	1.86	1.	127.5	380.0	800.0	52.200	0.00	0.0	2.0625 BS	0.24E 08	3.	2					
GUY WT/FT = 8.940										CROSS SECTIONAL AREA (SQ.IN.) = 2.5760									
										GUY NO. GUY ANGLE ECC MOM ARM NO. OF GUYS									
										1 0. 4.620 1.									
										2 120. -2.310 2.									
6	S	2.34	2.33	1.	127.5	380.0	975.0	27.600	0.00	0.0	1.5000 BS	0.24E 08	3.	2					
GUY WT/FT = 4.730										CROSS SECTIONAL AREA (SQ.IN.) = 1.3570									
										GUY NO. GUY ANGLE ECC MOM ARM NO. OF GUYS									
										1 0. 4.620 1.									
										2 120. -2.310 2.									

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STAINLESS, INC.
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 3.2
JOB NO.

WIND INTO FACE

TRIAL NO. 1

SEE p 2.2 FOR MAXIMUM GUY LOADS

GUY LEVEL	MOMENTS (FT.KIPS)	SHEARS (KIPS)	REACTIONS (KIPS)	GUY DIAM. (IN.)	UTS (KIPS)	GUY LOAD X F.S.(KIPS)	TOWER DEFLEC(FT)	GUY LUG ANG E(DEG)	GUY(FT) LENGTH	INITIAL TENS(KIPS)
6	-120.800 227.444	6.122 13.997	22.999	1.5000 BS	276.000	234.284	10.24	69.7	1046.4	27.600
788.561 (65.0 FT. FROM TOP OF SPAN)										
5	-1319.887 -628.260	35.081 24.678	64.719	2.0625 BS	522.000	438.212	7.81	65.4	885.6	52.200
388.269 (78.0 FT. FROM TOP OF SPAN)										
4	-1274.849 -807.529	32.472 25.290	57.217	1.7500 BS	376.000	306.661	5.38	59.5	731.4	37.600
233.398 (81.0 FT. FROM TOP OF SPAN)										
3	-585.234 -702.625	27.662 16.928	46.420	1.5625 BS	300.000	249.554	4.03	59.9	540.2	30.000
294.130 (57.0 FT. FROM TOP OF SPAN)										
2	-1059.135 -722.199	33.684 27.104	61.906	1.5000 BS	276.000	242.248	2.69	49.3	418.1	27.600
497.266 (86.0 FT. FROM TOP OF SPAN)										
1	-233.362 -84.705	25.923 22.517	52.443	1.2500 BS	192.000	160.136	1.43	31.4	320.7	19.200
777.689 (70.0 FT. FROM TOP OF SPAN)										
BASE	0.000	21.262								

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STAINLESS, INC.
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 3.3
JOB NO.

LEG LOADS--WIND INTO FACE

LEVEL	ELEVATION (FT.)	(WT + VCT)73. (KIPS)	LEG A (KIPS)	LEG B (KIPS)	LEG SIZE	HORIZONTALS	DIAGONALS
6	935.0	1.751 64.564	19.188 31.735	-8.966 80.979			
67.392 (65.0 FT. FROM TOP OF SPAN.)							
5	760.0	75.184 182.660	263.699 273.344	-22.073 137.318			
186.679 (78.0 FT. FROM TOP OF SPAN.)							
4	585.0	191.793 263.810	375.807 380.370	99.788 205.530			
267.602 (81.0 FT. FROM TOP OF SPAN.)							
3	435.0	274.702 333.536	359.176 362.783	232.465 318.912			
339.179 (57.0 FT. FROM TOP OF SPAN.)							
2	285.0	348.553 397.778	501.431 502.021	272.115 345.656			
406.982 (86.0 FT. FROM TOP OF SPAN.)							
1	135.0	414.000 436.697	447.684 448.923	397.156 430.564			
445.260 (70.0 FT. FROM TOP OF SPAN.)							
BASE	0.0		453.212	453.212			

TOTAL LOAD ON BASE = 1359.636 MAXIMUM BASE LOAD

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STAINLESS, INC.
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 3.4
JOB NO.

WIND INTO FACE

TRIAL NO. 1

SEE p 2.4 FOR MAXIMUM ANCHOR LOADS

INDIVIDUAL GUY COMPONENTS AT ANCHOR

HORIZ. DIST. TO ANCHOR(FT.)	GUY LEVEL	VERT. COMP. (KIPS)	HORIZ. COMP. (KIPS)	HORIZ. COMP. AT ANCHOR PERPENDICULAR TO GUY(KIPS)	RESULTANT (KIPS)
275.0	1	32.019	54.955	0.562	63.603
	2	71.033	63.937	0.948	95.570
	3	83.066	51.284	1.353	97.622
380.0	4	100.107	64.223	2.047	118.937
	5	150.296	76.072	2.967	168.451
	6	82.092	35.150	2.567	89.300

ANCHOR LOADS

HORIZ. DIST. TO ANCHOR(FT.)	VERT. COMP. (KIPS)	HORIZ. COMP. (KIPS)	HORIZ. COMP. AT ANCHOR PERPENDICULAR TO GUY(KIPS)	RESULTANT ANGLE(DEG)	RESULTANT OF GUYS AT ANCHOR (KIPS)
275.0	186.120	170.177	2.864	47.5	252.208
380.0	332.495	175.445	7.582	62.1	376.021

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STAINLESS, INC.
BEAM COLUMN WITH ELASTIC SUPPORTS

PAGE 4
JOB NO.

TRIAL NO. 1

MEMBER SIZES

ELEV. AT		VERTICAL MEMBERS									
SECT. TOP	MAXIMUM LOADS	ALLOW.			YIELD	MAX. SHEAR	DIAGONAL	HORIZONTAL			
(FT.)	TENS (KIPS)	(COMP	(KIPS)	DESCRIPTION	(KSI)	(KIPS)	DESCRIPTION	DESCRIPTION			

955.0	-18.4	136.48	180.045	5" DIA X .500W	60	13.99	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
935.0	-18.4	136.48	180.045	5" DIA X .500W	60	13.99	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
935.0	S							(2) 2-1/2 X 2 X 3/16			
910.0	-43.0	160.90	180.045	5" DIA X .500W	60	8.28	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
885.0	-46.4	164.48	180.045	5" DIA X .500W	60	7.89	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
860.0	-43.8	162.40	180.045	5" DIA X .500W	60	13.70	3/4" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
835.0	-6.3	127.35	180.045	5" DIA X .500W	60	19.15	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
810.0	-21.9	148.54	180.045	5" DIA X .500W	60	30.19	1-1/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
785.0	-134.8	268.54	303.419	4-3/4" DIA. SOLID (4)	36	35.36	1-1/4" DIA. SOLID	(2) 3 X 2-1/2 X 1/4			
760.0	0.0	273.34	303.419	4-3/4" DIA. SOLID (4)	36	25.69	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
760.0	S							(2) 2-1/2 X 2 X 3/16			
735.0	0.0	204.68	232.719	4-1/4" DIA. SOLID (4)	36	17.33	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
710.0	0.0	214.61	232.719	4-1/4" DIA. SOLID (4)	36	9.37	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
685.0	0.0	214.70	232.719	4-1/4" DIA. SOLID (4)	36	8.27	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
660.0	0.0	207.35	232.719	4-1/4" DIA. SOLID (4)	36	16.73	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
635.0	0.0	278.25	303.419	4-3/4" DIA. SOLID (4)	36	24.90	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
610.0	-7.2	376.13	383.181	5-1/4" DIA. SOLID (4)	36	32.47	1-1/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
585.0	0.0	380.37	383.181	5-1/4" DIA. SOLID (4)	36	25.25	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
585.0	S							(2) 2-1/2 X 2 X 3/16			
560.0	0.0	302.77	303.419	4-3/4" DIA. SOLID (4)	36	17.02	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
535.0	0.0	285.88	303.419	4-3/4" DIA. SOLID (4)	36	9.15	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
510.0	0.0	286.44	303.419	4-3/4" DIA. SOLID (4)	36	7.51	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
485.0	0.0	289.99	303.419	4-3/4" DIA. SOLID (4)	36	15.38	3/4" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
460.0	0.0	359.81	383.181	5-1/4" DIA. SOLID (4)	36	28.26	1-1/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
435.0	0.0	362.78	383.181	5-1/4" DIA. SOLID (4)	36	16.92	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
435.0	S							(2) 2-1/2 X 2 X 3/16			
410.0	0.0	359.57	383.181	5-1/4" DIA. SOLID (4)	36	9.37	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
385.0	0.0	360.40	383.181	5-1/4" DIA. SOLID (4)	36	6.31	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
360.0	0.0	357.44	383.181	5-1/4" DIA. SOLID (4)	36	13.79	3/4" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
335.0	0.0	411.04	423.730	5-1/2" DIA. SOLID (4)	36	21.28	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
310.0	0.0	501.43	514.8	5 1/2	(4)	34.10	1-1/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
285.0	0.0	502.02	514.8	5 1/2	(4)	27.10	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
285.0	S							(2) 2-1/2 X 2 X 3/16			
260.0	0.0	424.53	471.493	5-3/4" DIA. SOLID (4)	36	18.82	7/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
235.0	0.0	440.74	471.493	5-3/4" DIA. SOLID (4)	36	10.54	3/4" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
210.0	0.0	442.77	471.493	5-3/4" DIA. SOLID (4)	36	5.49	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
185.0	0.0	441.44	471.493	5-3/4" DIA. SOLID (4)	36	13.38	3/4" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
160.0	0.0	447.68	471.493	5-3/4" DIA. SOLID (4)	36	26.59	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
135.0	0.0	471.69	514.8	5 1/2" DIA SOLID (4)	45	23.81	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
135.0	S							(2) 2-1/2 X 2 X 3/16			
110.0	0.0	494.74	"	"	"	15.30	3/4" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
85.0	0.0	501.51	"	"	"	7.19	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
60.0	0.0	501.51	"	"	"	10.31	5/8" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			
35.0	0.0	491.72	"	"	"	21.26	1" DIA. SOLID	(2) 2-1/2 X 2 X 3/16			

ALL DIAGONALS
AS 22 GRADE 50

PREPARED BY
DATE 11/4/80

STAINLESS INC.
ALLOWABLE LEG LOADS

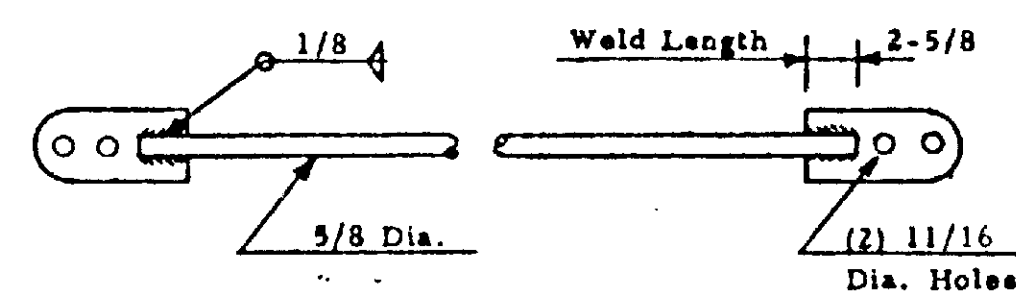
PAGE 5
JOB NO.

O.D. VERT. (IN.)	WALL THICK. (IN.)	BAY LENGTH (IN.)	YIELD STRESS	RADIUS OF GYRATION	L/R	AREA (SQ. IN.)	WEIGHT (LBS./FT.)	ALLOW. STRESS	ALLOW. LOAD
5.000	0.5000	100.00	60000.	1.600	62.46	7.06	24.05	25471.7	180059.
4.250	2.1250	75.00	36000.	1.062	70.58	14.18	48.27	16369.3	232214.
4.750	2.3750	75.00	36000.	1.187	63.15	17.72	60.29	17122.4	303419.
5.250	2.6250	75.00	36000.	1.312	57.14	21.64	73.66	17700.9	383181.
5.500	2.7500	75.00	36000.	1.375	54.54	23.75	80.84	17941.9	426269.
5.750	2.8750	75.00	36000.	1.437	52.17	25.96	86.36	18157.2	471493.
5.500	2.7500	75.00	45000.	1.375	54.54	23.75	80.84	21668.5	514807.

PREPARED BY: AP/kam
DATE: 10/9/73

STAINLESS INC.
G-8 DIAGONAL MEMBER ANALYSIS

PAGE NO. 5.1
REPORT NO.



MATERIAL: Rod: 5/8 Dia. V-50
Fy = 50,000 psi Area = .307 in.²
End Plates 3/8 x 2-1/4 Flats A-36
Fy = 36,000 psi

ALLOWABLE LOADS AS GOVERNED BY:

TENSION: Allow. Tensile Stress = 30,000 psi
Allow. Tension Load = 30,000 x .307 = 9,210#

BEARING: Plate Thickness = .375
Brg. Area = 2 x .375 x .625 = .470
Allow. Brg. Stress = 48,500 psi
Allow. Brg. Load = 48,500 x .470 = 22,500#

BOLT SHEAR: (2) 5/8 Dia. A-325
Gross Area = 2 x .307 = .614
Allow. Shear Stress = 22,000 psi
Allow. Shear Load = 22,000 x .614 = 13,510#

END PAD: Weld = 2.625 x 4 x 2 x 700# = 14,700#
Net Area = .375 (2.250 - .750) = .562
Allow. Tensile Stress = 22,000 psi
Allow. Tension Load = 22,000 x .562 = 12,375#

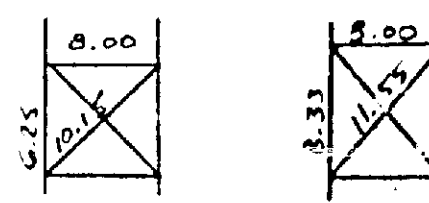
ALLOW. TOWER SHEAR

Assume 2/3 of tower shear is carried by one face of tower. From allow. loads above, tension governs and the allow. tower shear = 3/2 x 8.00 x 9,210 = 9,569# FOR 100" BAYS

Unit Stresses are in accordance with AISI Specification adopted February 12, 1969

$$\frac{3}{2} \times \frac{8.00}{10.15} \times 9,210 = 10,889\#$$

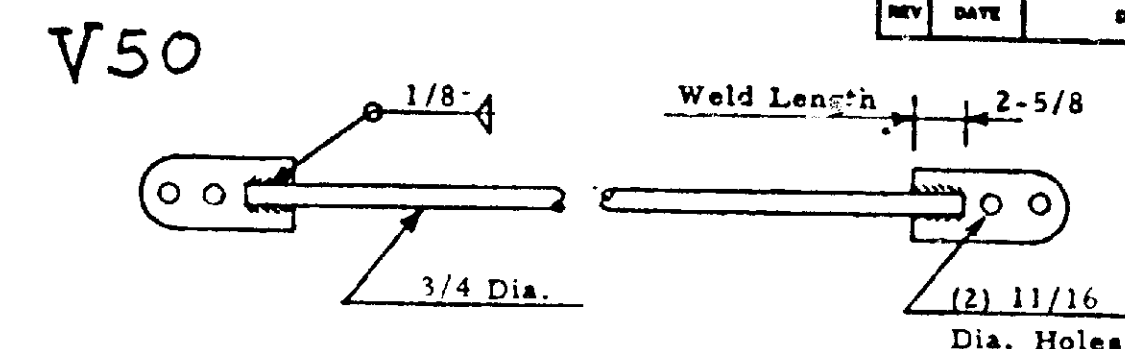
FOR 75" BAYS



PREPARED BY: AP/kam
DATE: 10/9/73

STAINLESS INC.
G-8 DIAGONAL MEMBER ANALYSIS

PAGE NO. 5.2
REPORT NO.



MATERIAL: Rod: 3/4 Dia. V-50
Fy = 50,000 psi Area = .442 in.²
End Plates 3/8 x 2-1/4 Flats A-36
Fy = 36,000 psi

ALLOWABLE LOADS AS GOVERNED BY:

TENSION: Allow. Tensile Stress = 30,000 psi
Allow. Tension Load = 30,000 x .442 = 13,260#

BEARING: Plate Thickness = .375
Brg. Area = 2 x .375 x .625 = .470
Allow. Brg. Stress = 48,500 psi
Allow. Brg. Load = 48,500 x .470 = 22,500#

BOLT SHEAR: (2) 5/8 Dia. A-325
Gross Area = 2 x .307 = .614
Allow. Shear Stress = 22,000 psi
Allow. Shear Load = 22,000 x .614 = 13,510#

END PAD: Weld = 2.625 x 4 x 2 x 700# = 14,700#
Net Area = .375 (2.500 - .750) = .656 in.²
Allow. Tensile Stress = 22,000 psi
Allow. Tension Load = 22,000 x .656 = 14,339#

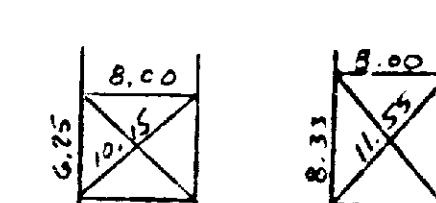
ALLOW. TOWER SHEAR

Assume 2/3 of tower shear is carried by one face of tower. From allow. loads above, tension governs and the allow. tower shear = 3/2 x 8.00 x 13,260 = 13,776# FOR 100" BAYS

Unit Stresses are in accordance with AISI Specification adopted February 12, 1969

$$\frac{3}{2} \times \frac{8.00}{10.15} \times 13,260 = 15,676\#$$

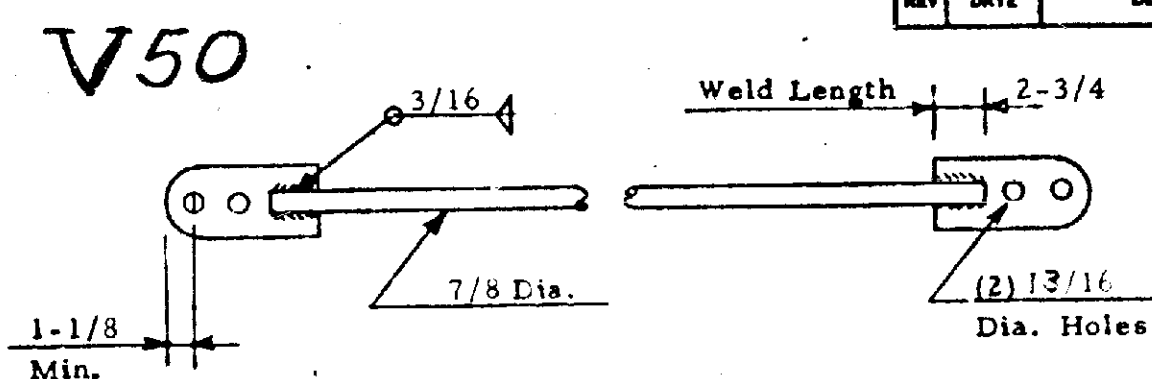
FOR 75" BAYS



PREPARED BY: AP/kam
DATE: 10/9/73

STAINLESS INC.
G-8 DIAGONAL MEMBER ANALYSIS

PAGE NO. 5.3
REPORT NO.



MATERIAL: Rod: 7/8 Dia. V-50
Fy = 50,000 psi Area = .601 in.²
End Plates 1/2 x 3 x 8-5/8 Flats A-36
Fy = 36,000 psi

ALLOWABLE LOADS AS GOVERNED BY:

TENSION: Allow. Tensile Stress = 30,000 psi
Allow. Tension Load = 30,000 x .601 = 18,030#

BEARING: Plate Thickness = .500
Brg. Area = 2 x .500 x .750 = .750 in.²
Allow. Brg. Stress = 48,500 psi
Allow. Brg. Load = 48,500 x .750 = 36,375#

BOLT SHEAR: (2) 3/4 Dia. A-325
Gross Area = 2 x .442 = .884 in.²
Allow. Shear Stress = 22,000 psi
Allow. Shear Load = 22,000 x .884 = 19,450#

END PAD: Weld = 2.75 x 4 x 3 x 700# = 23,100#
Net Area = .500 (3.0 - .875) = 1.063 in.²
Allow. Tensile Stress = 22,000 psi
Allow. Tension Load = 22,000 x 1.063 = 23,375#

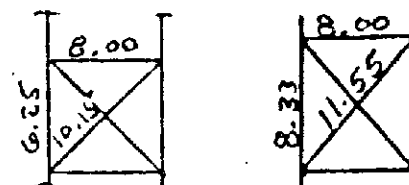
ALLOW. TOWER SHEAR

Assume 2/3 of tower shear is carried by one face of tower. From allow. loads above, tension governs and the allow. tower shear = 3/2 x 8.00 x 18,030 = 18,732# FOR 100" BAYS

Unit Stresses are in accordance with AISI Specification adopted February 12, 1969

$$\frac{3}{2} \times \frac{8.00}{10.15} \times 18,030 = 21,316\#$$

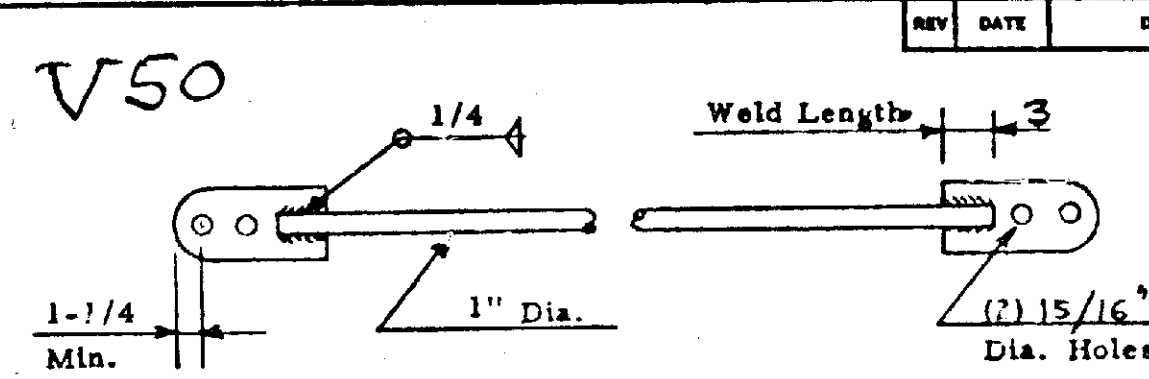
FOR 75" BAYS



PREPARED BY: RED/kam
DATE: 5/18/71

STAINLESS INC.
G-8 DIAGONAL MEMBER ANALYSIS

PAGE NO. 5.4
REPORT NO.



MATERIAL: Rod: 1" Dia. V-50
Fy = 50,000 psi Area = .785
End Plates 5/8 x 3 Flats A-36
Fy = 36,000 psi

ALLOWABLE LOADS AS GOVERNED BY:

TENSION: Allow. Tensile Stress = 30,000 psi
Allow. Tension Load = 30,000 x .785 = 23,550#

BEARING: Plate Thickness = .500
Brg. Area = 2 x .500 x .875 = .875
Allow. Brg. Stress = 48,500 psi
Allow. Brg. Load = 48,500 x .875 = 42,500#

BOLT SHEAR: (2) 7/8 Dia. A-325
Gross Area = 2 x .601 = 1.202 in.²
Allow. Shear Stress = 22,000 psi
Allow. Shear Load = 22,000 x 1.202 = 26,440#

END PAD: Weld = 3.000 x 4 x 4 x 700# = 33,600#
Net Area = .625 (3.000 - 1.125) = 1.17 in.²
Allow. Tensile Stress = 22,000 psi
Allow. Tension Load = 22,000 x 1.17 = 25,750#

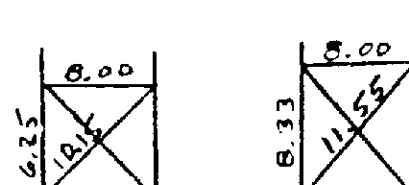
ALLOW. TOWER SHEAR

Assume 2/3 of tower shear is carried by one face of tower. From allow. loads above, tension governs and the allow. tower shear = 3/2 x 8.00 x 23,550# = 24,490# FOR 100" BAYS

Unit Stresses are in accordance with AISI Specification adopted February 12, 1969

$$\frac{3}{2} \times \frac{8.00}{10.15} \times 23,550 = 27,866\#$$

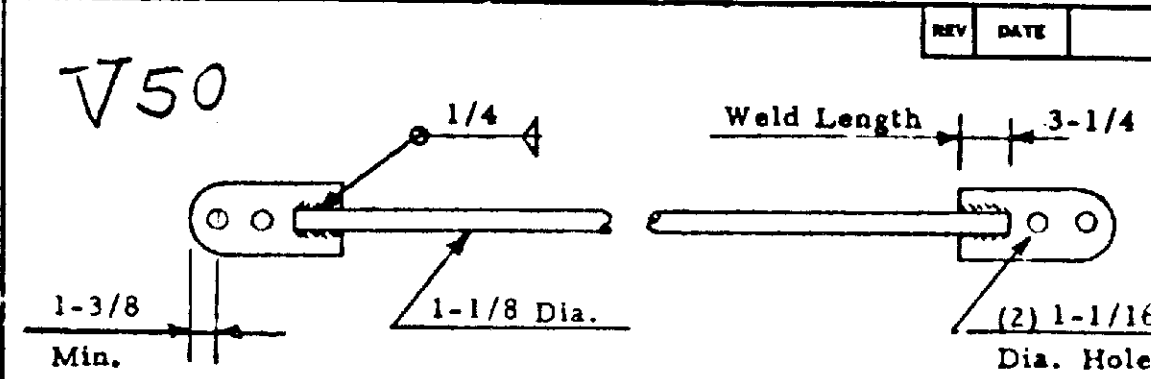
FOR 75" BAYS



PREPARED BY: RED/kam
DATE: 5/18/71

STAINLESS INC.
G-8 DIAGONAL MEMBER ANALYSIS

PAGE NO. 5.5
REPORT NO.



MATERIAL: Rod: 1-1/8 Dia. V-50
Fy = 50,000 psi Area = .994 in.²
End Plates 3/4 x 3-1/2 Flats A-36
Fy = 36,000 psi

ALLOWABLE LOADS AS GOVERNED BY:

TENSION: Allow. Tensile Stress = 30,000 psi
Allow. Tension Load = 30,000 x .994 = 29,820#

BEARING: Plate Thickness = .500
Brg. Area = 2 x .500 x 1.00 = 1.00 in.²
Allow. Brg. Stress = 48,500 psi
Allow. Brg. Load = 48,500 x 1.00 = 48,500#

BOLT SHEAR: (2) 1" Dia. A-325
Gross Area = 2 x .785 = 1.570
Allow. Shear Stress = 22,000 psi
Allow. Shear Load = 22,000 x 1.570 = 34,540#

END PAD: Weld = 3.25 x 4 x 4 x 700# = 36,400#
Net Area = .750 (3.500 - 1.250) = 1.685 in.²
Allow. Tensile Stress = 22,000 psi
Allow. Tension Load = 22,000 x 1.685 = 37,000#

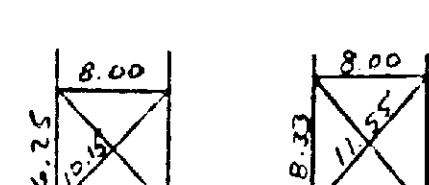
ALLOW. TOWER SHEAR

Assume 2/3 of tower shear is carried by one face of tower. From allow. loads above, tension governs and the allow. tower shear = 3/2 x 8.00 x 29,820# = 31,000# FOR 100" BAYS

Unit Stresses are in accordance with AISI Specification adopted February 12, 1969

$$\frac{3}{2} \times \frac{8.00}{10.15} \times 29,820 = 35,276\#$$

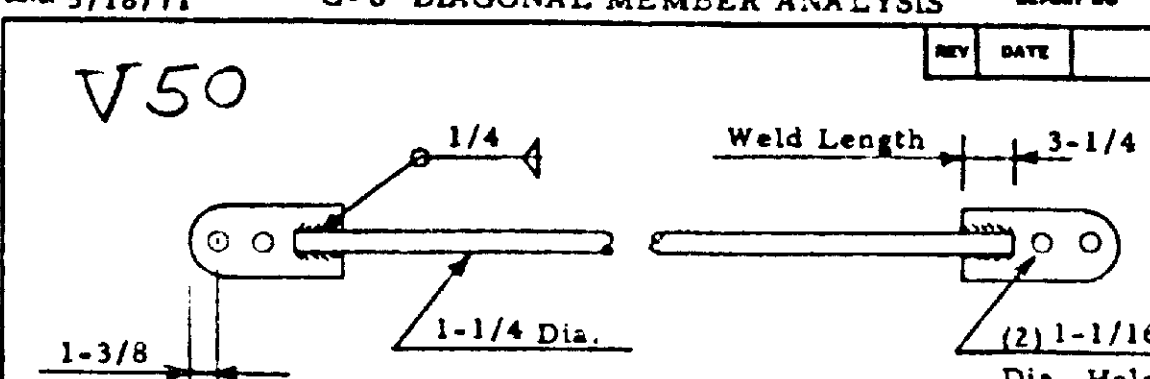
FOR 75" BAYS



PREPARED BY: RED/kam
DATE: 5/18/71

STAINLESS INC.
G-8 DIAGONAL MEMBER ANALYSIS

PAGE NO. 5.6
REPORT NO.



MATERIAL: Rod: 1-1/4 Dia. V-50
Fy = 50,000 psi Area = 1.227
End Plates 3/4 x 3-1/2 Flats A-36
Fy = 36,000 psi

ALLOWABLE LOADS AS GOVERNED BY:

TENSION: Allow. Tensile Stress = 30,000 psi
Allow. Tension Load = 30,000 x 1.227 = 36,810#

BEARING: Plate Thickness = .500
Brg. Area = 2 x .500 x 1.00 = 1.00 in.²
Allow. Brg. Stress = 48,500 psi
Allow. Brg. Load = 48,500 x 1.00 = 48,500#

BOLT SHEAR: (2) 1" Dia. A-325
Gross Area = 2 x .785 = 1.570
Allow. Shear Stress = 22,000 psi
Allow. Shear Load = 22,000 x 1.570 = 34,540#

END PAD: Weld = 3.25 x 4 x 4 x 700# = 36,400#
Net Area = .750 (3.500 - 1.375) = 1.595
Allow. Tensile Stress = 22,000 psi
Allow. Tension Load = 22,000 x 1.595 = 35,000#

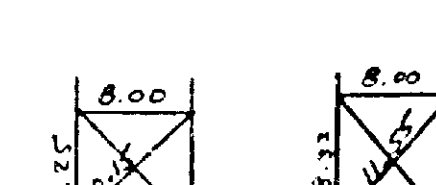
ALLOW. TOWER SHEAR

Assume 2/3 of tower shear is carried by one face of tower. From allow. loads above, bolt shear governs and the allow. tower shear = 3/2 x 8.00 x 34,540# = 36,920# FOR 100" BAYS

Unit Stresses are in accordance with AISI Specification adopted February 12, 1969

$$\frac{3}{2} \times \frac{8.00}{10.15} \times 34,540 = 39,304\#$$

FOR 75" BAYS



STAINLESS INC. PAGE NO. 57
DATE: 2/18/71 G-8 CROSS MEMBER ANALYSIS REPORT NO.
REV. DATE DESCRIPTION
84" Unsupported Length
MATERIAL: (2) 2-1/2 x 2 x 3/16 Angles A-36 Structural Steel (2) 11/16 Dia. Holes
PROPERTIES: Fy = 36,000 psi Gross Area = 1.62 in.² Radius of Gyration = .79 L/r = 106
ALLOWABLE LOAD AS GOVERNED BY:
TENSION: Net Area = 1.62 - 2(.1875 x .7500) = 1.34 in.² Allow. Tensile Stress = 22,000 psi Allow. Tension Load = 22,000 x 1.34 = 29,500#
COMPRESSION: Allow. Comp. Stress = 12,200 psi Allow. Comp. Load = 12,200 x 1.62 = 19,700#
BEARING: Brg. Area = 4 x .1875 x .625 = .469 in.² Allow. Brg. Stress = 48,500 psi Allow. Brg. Load = 48,500 x .469 = 22,750
BOLT SHEAR: (2) 5/8 Dia. A-325 Bolts Gross Area = 4 x .307 = 1.228 in.² Allow. Shear Stress = 22,000 psi Allow. Shear Load = 22,000 x 1.228 = 27,000#
ALLOW. TOWER SHEAR Assume 2/3 of tower shear is carried by one face of tower. From allowable loads above, compression governs Allow. Tower Shear = 3/2 x 19,700 = 29,550#
REACTION Assume 2/3 of reaction carried by one face of tower. Allow. Reaction = 3/2 x 22,750 = 34,125#
Bolt threads excluded from shear planes. Unit stresses are in accordance with AISC Specification adopted February 12, 1969

STAINLESS INC. PAGE NO. 58
DATE: 5/18/71 G-8 CROSS MEMBER ANALYSIS REPORT NO.
REV. DATE DESCRIPTION
84" Unsupported Length
MATERIAL: (2) 3 x 2-1/2 x 1/4 Angles A-36 Structural Steel (2) 13/16 Dia. Holes
PROPERTIES: Fy = 36,000 psi Gross Area = 2.62 Radius of Gyration = .95 L/r = 89
ALLOWABLE LOAD AS GOVERNED BY:
TENSION: Net Area = 2.62 - 2(.250 x .875) = 2.18 in.² Allow. Tensile Stress = 22,000 psi Allow. Tension Load = 22,000 x 2.18 = 48,000#
COMPRESSION: Allow. Comp. Stress = 14,320 psi Allow. Comp. Load = 14,320 x 2.62 = 37,500#
BEARING: Brg. Area = 4 x .250 x .750 = .750 in.² Allow. Brg. Stress = 48,500 psi Allow. Brg. Load = 48,500 x .750 = 36,400#
BOLT SHEAR: (2) 3/4 Dia. A-325 Bolts Gross Area = 4 x .442 = 1.768 in.² Allow. Shear Stress = 22,000 psi Allow. Shear Load = 22,000 x 1.768 = 38,900#
ALLOW. TOWER SHEAR Assume 2/3 of tower shear is carried by one face of tower. From allowable loads above, bearing governs Allow. Tower Shear = 3/2 x 36,400 = 54,600#
REACTION Assume 2/3 of reaction carried by one face of tower. Allow. Reaction = 3/2 x 36,400 = 54,600#
Bolt threads excluded from shear planes. Unit stresses are in accordance with AISC Specification adopted February 12, 1969

81-179-X
CERTIFICATE OF POSTING
ZONING DEPARTMENT OF BALTIMORE COUNTY
Towson, Maryland
District: 1st Date of Posting: April 3, 1981
Posted for: Special Exception
Petitioner: THE HOFFMAN FAMILY LTD. PARTNERSHIP
Location of property: N/S. POWERS LANE APPROX. 500' E. of NEWOOD DRIVE
Location of Signs: N/S. POWERS LANE APPROX. 500' E. of NEWOOD DRIVE
Remarks: Stephen J. Prater
Posted by: Stephen J. Prater Date of return: April 3, 1981
Number of Signs: 1

81-179-X
CERTIFICATE OF POSTING
ZONING DEPARTMENT OF BALTIMORE COUNTY
Towson, Maryland
District: 1st Date of Posting: July 2, 1981
Posted for: Special Exception - Appeal
Petitioner: THE HOFFMAN FAMILY LIMITED PARTNERSHIP
Location of property: N/S. POWERS LANE AND NEWOOD DRIVE
Location of Signs: North side of Powers Lane Approx. 600' East of Newood Drive
Remarks: Stephen J. Prater
Posted by: Stephen J. Prater Date of return: July 3, 1981
Number of Signs: 1

BALTIMORE COUNTY OFFICE OF PLANNING & ZONING
County Office Building
111 W. Chesapeake Avenue
Towson, Maryland 21204
Your Petition has been received this 19 day of Jan, 1981.
Filing Fee \$ 50 Received: [X] Check [] Cash [] Other []
Petitioner: Hoffman & Co. Submitted by: E. Smith
Petitioner's Attorney: Eugene Smith Reviewed by: J.M.
*This is not to be interpreted as acceptance of the Petition for assignment of a hearing date.

PETITION MAPPING PROGRESS SHEET
FUNCTION: Descriptions checked and outline plotted on map
Petition number added to outline
Denied
Granted by ZC, BA, CC, CA
Reviewed by: [Signature] Revised Plans: Change in outline or description Yes [] No [X]
Previous case: # 77-207-X Map #

81-179-X
Office of COLUMBIA Publishing Corp.
10750 Little Patuxent Pkwy.
Columbia, MD 21044
1981
I CERTIFY, that the annexed advertisement was inserted in the following:
[] Catonsville Times
[] Arbutus Times
weekly newspapers published in Baltimore County, Maryland, once a week for One successive weeks before the 16th day of April 1981, that is to say, the same was inserted in the issues of April 9, 1981
COLUMBIA PUBLISHING CORP.
By: [Signature]

PETITION FOR SPECIAL EXCEPTION - 1st DISTRICT
ZONING: Petition for Special Exception for double-face advertising structure and variance for double-face sign.
LOCATION: West side of York Road, 535 feet North of Ridgely Road.
DATE & TIME: Thursday, January 21, 1981 at 9:30 A.M.
PUBLIC HEARING: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland.
The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing.
Petition for Special Exception for double-face custom built illuminated advertising structure of 500 square feet in area to allow a double-face custom built sign of 500 square feet in area of the permitted single face unit only.
Section 413.1 - outdoor advertising signs.
All that parcel of land in the Fourteenth District of Baltimore County.
Beginning at a point located on the west side of York Road (66 feet wide), 35 feet from the right of way line and 68 feet from the centerline of York Road, 535 feet north of Ridgely Road (70 feet wide), and thence running the following course and distance: 1) Northwesterly a distance of 35 feet to a point; 2) southeasterly a distance of 50 feet to a point; 3) southeasterly a distance of 25 feet to a point; 4) southeasterly a distance of 65 feet to the point of beginning.
Being the property of Ridgely Realty Co., Inc., as shown on plat plan filed with the Zoning Department.
Hearing Date: Thursday, January 24, 1981 at 9:30 A.M.
Public Hearing: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland.
By Order of WILLIAM E. HAMMOND, Zoning Commissioner of Baltimore County.
Jan. 10.
THE JEFFERSONIAN
L. L. [Signature] Manager.
Cost of Advertisement, \$

PETITION FOR SPECIAL EXCEPTION - 1st DISTRICT
ZONING: Petition for Special Exception for double-face advertising structure and variance for double-face sign.
LOCATION: Northeast corner of Powers Lane and Newood Drive.
DATE & TIME: Tuesday, April 21, 1981 at 9:30 A.M.
PUBLIC HEARING: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland.
The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing.
Petition for Special Exception for double-face custom built illuminated advertising structure of 500 square feet in area to allow a double-face custom built sign of 500 square feet in area of the permitted single face unit only.
Section 413.1 - outdoor advertising signs.
All that parcel of land in the Fourteenth District of Baltimore County.
Beginning at a point located on the east side of Powers Lane (66 feet wide), 35 feet from the right of way line and 68 feet from the centerline of Powers Lane, 535 feet north of Ridgely Road (70 feet wide), and thence running the following course and distance: 1) Northwesterly a distance of 35 feet to a point; 2) southeasterly a distance of 50 feet to a point; 3) southeasterly a distance of 25 feet to a point; 4) southeasterly a distance of 65 feet to the point of beginning.
Being the property of Ridgely Realty Co., Inc., as shown on plat plan filed with the Zoning Department.
Hearing Date: Tuesday, April 24, 1981 at 9:30 A.M.
Public Hearing: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland.
By Order of WILLIAM E. HAMMOND, Zoning Commissioner of Baltimore County.
April 2, 1981.
THE JEFFERSONIAN
L. L. [Signature] Manager.
Cost of Advertisement, \$

PETITION FOR SPECIAL EXCEPTION - 1st DISTRICT
ZONING: Petition for Special Exception for double-face advertising structure and variance for double-face sign.
LOCATION: Northeast corner of Powers Lane and Newood Drive.
DATE & TIME: Tuesday, April 21, 1981 at 9:30 A.M.
PUBLIC HEARING: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland.
The Zoning Commissioner of Baltimore County, by authority of the Zoning Act and Regulations of Baltimore County, will hold a public hearing.
Petition for Special Exception for double-face custom built illuminated advertising structure of 500 square feet in area to allow a double-face custom built sign of 500 square feet in area of the permitted single face unit only.
Section 413.1 - outdoor advertising signs.
All that parcel of land in the Fourteenth District of Baltimore County.
Beginning at a point located on the east side of Powers Lane (66 feet wide), 35 feet from the right of way line and 68 feet from the centerline of Powers Lane, 535 feet north of Ridgely Road (70 feet wide), and thence running the following course and distance: 1) Northwesterly a distance of 35 feet to a point; 2) southeasterly a distance of 50 feet to a point; 3) southeasterly a distance of 25 feet to a point; 4) southeasterly a distance of 65 feet to the point of beginning.
Being the property of Ridgely Realty Co., Inc., as shown on plat plan filed with the Zoning Department.
Hearing Date: Tuesday, April 24, 1981 at 9:30 A.M.
Public Hearing: Room 106, County Office Building, 111 W. Chesapeake Avenue, Towson, Maryland.
By Order of WILLIAM E. HAMMOND, Zoning Commissioner of Baltimore County.
April 2, 1981.
THE JEFFERSONIAN
L. L. [Signature] Manager.
Cost of Advertisement, \$

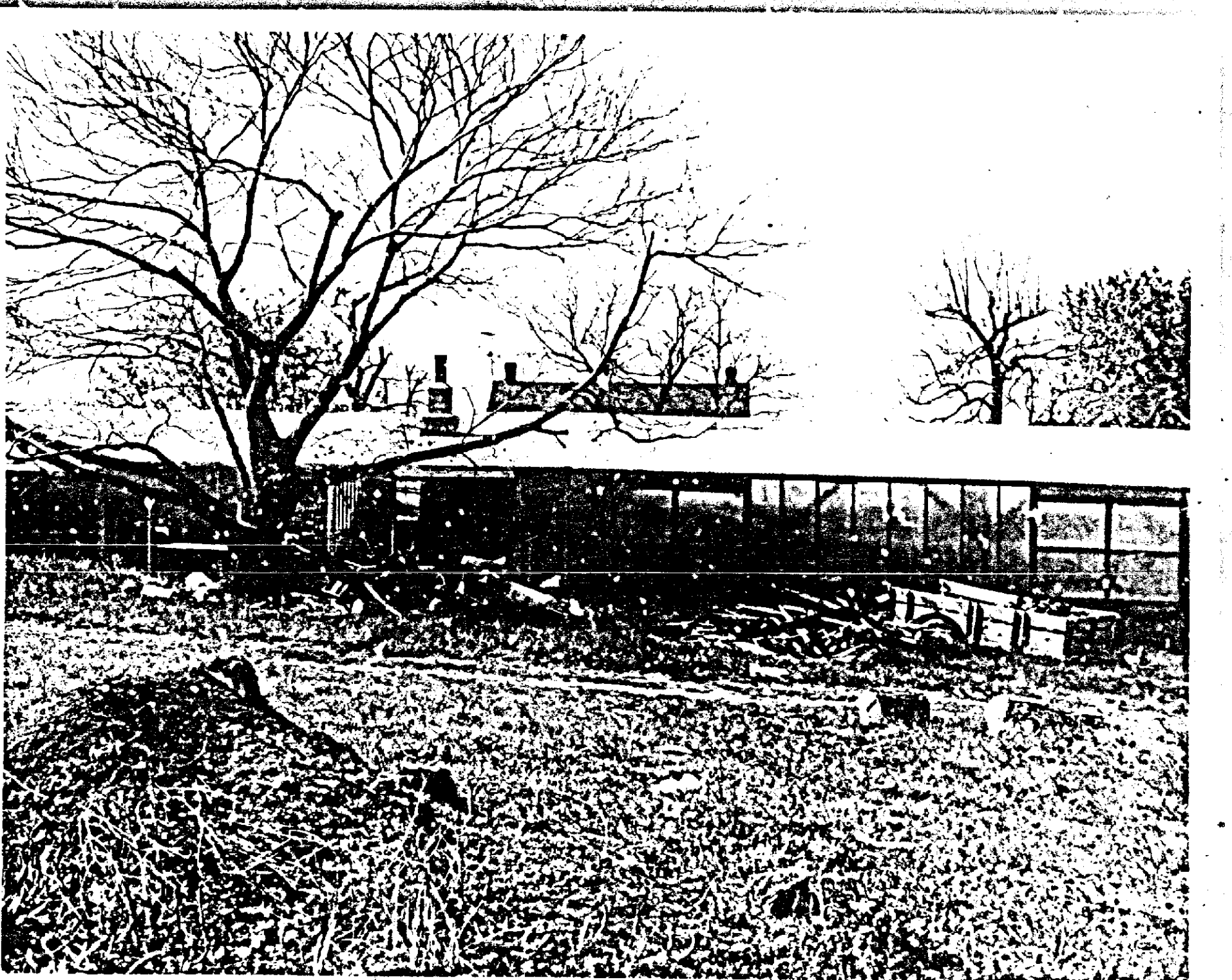
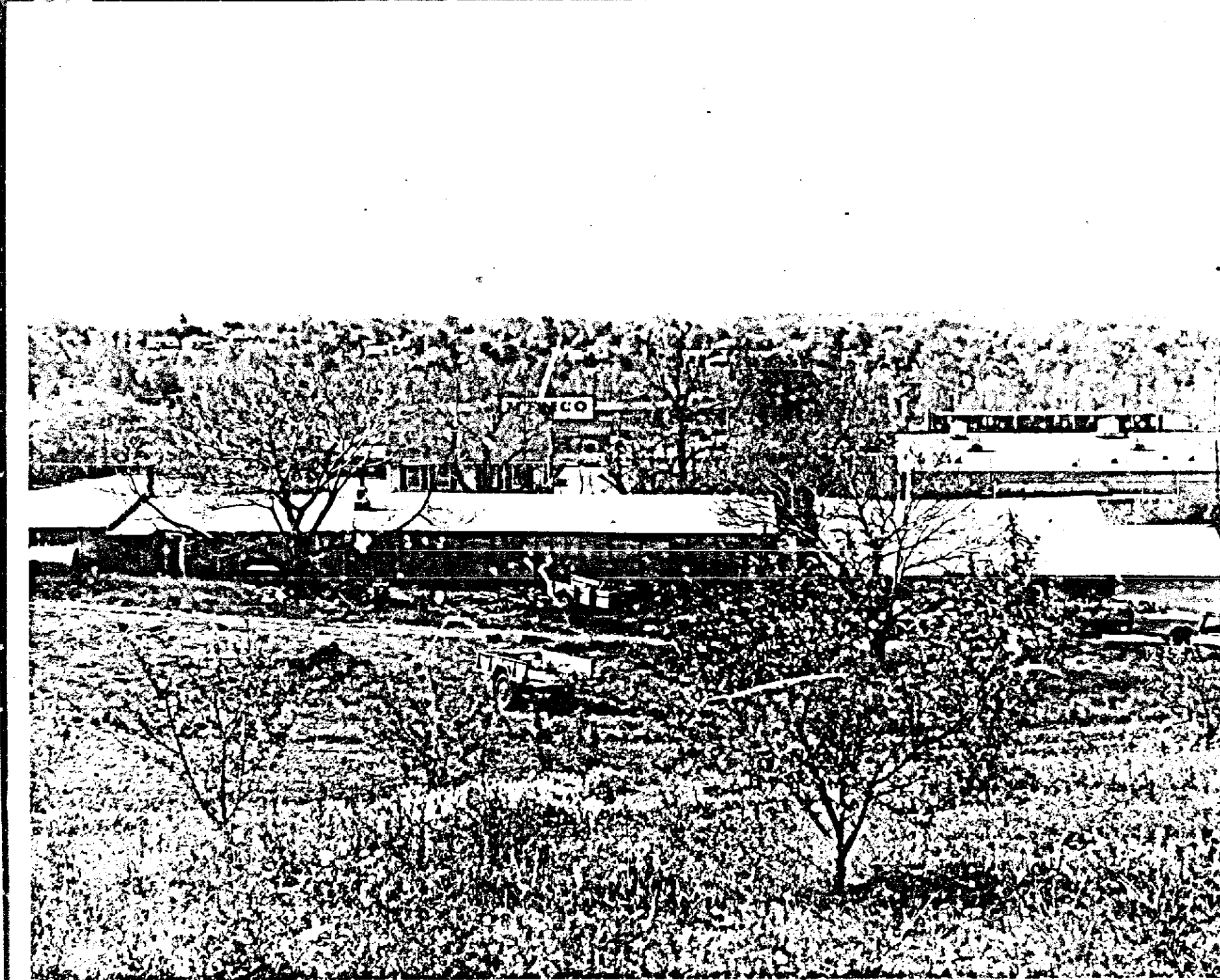
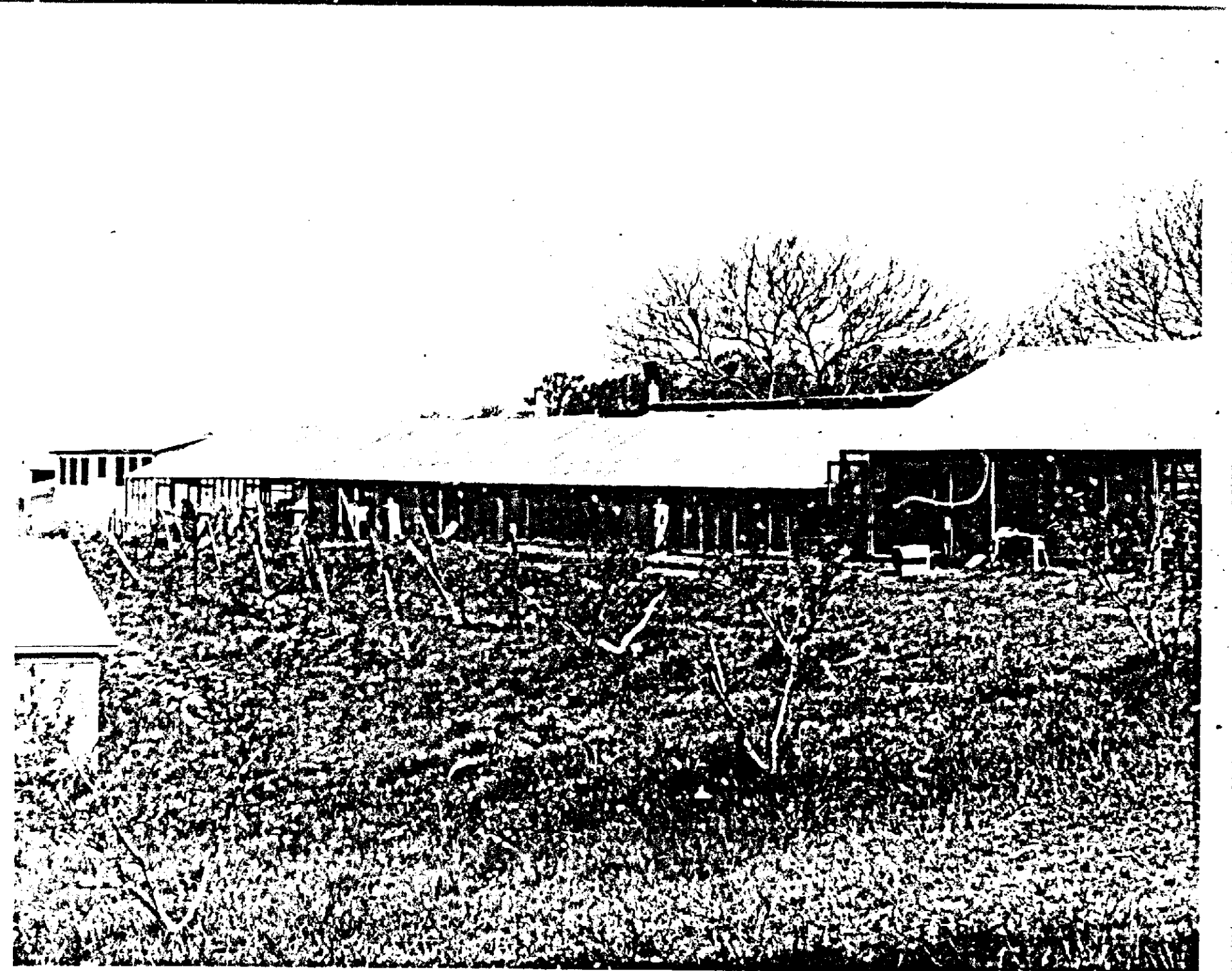
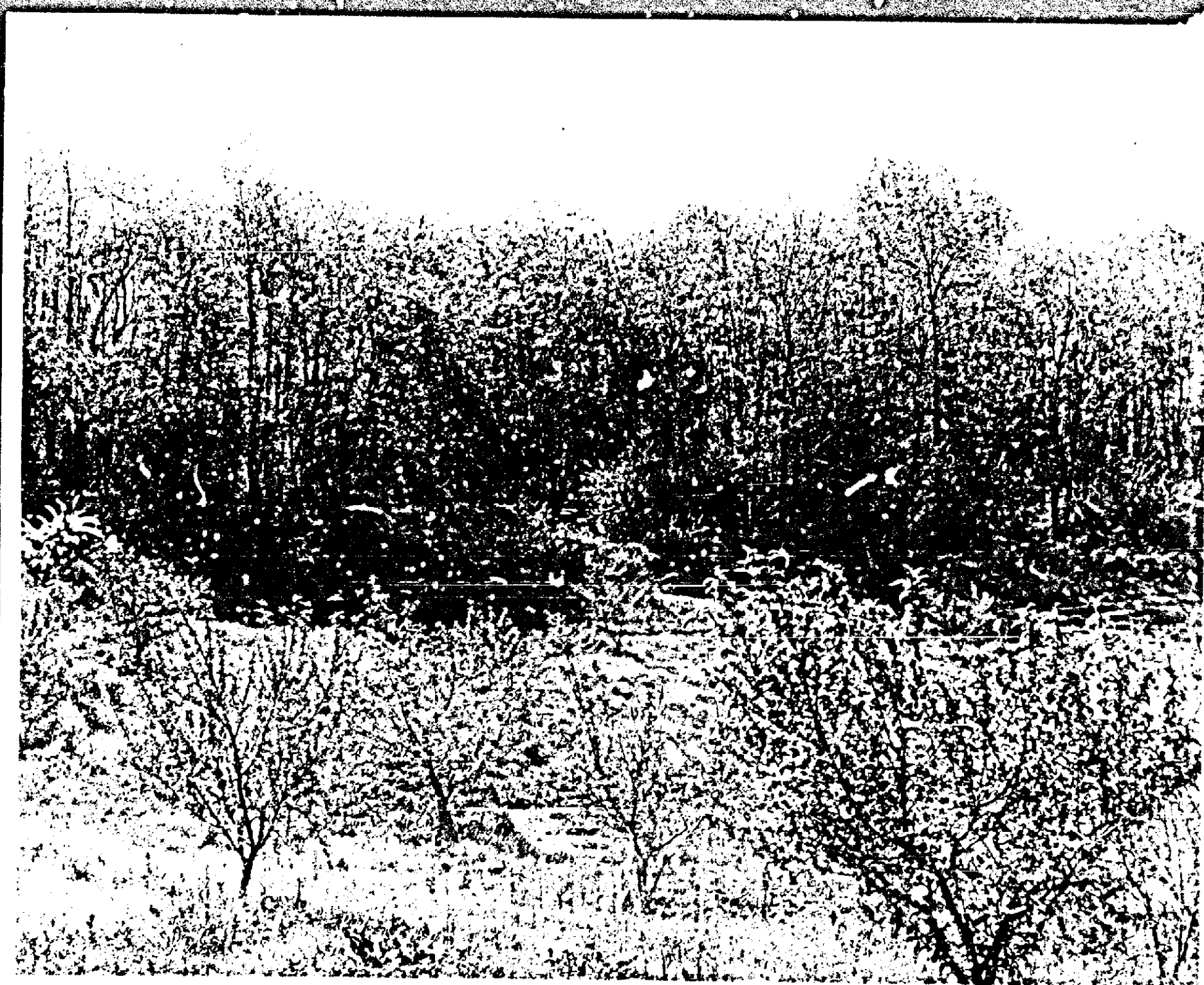
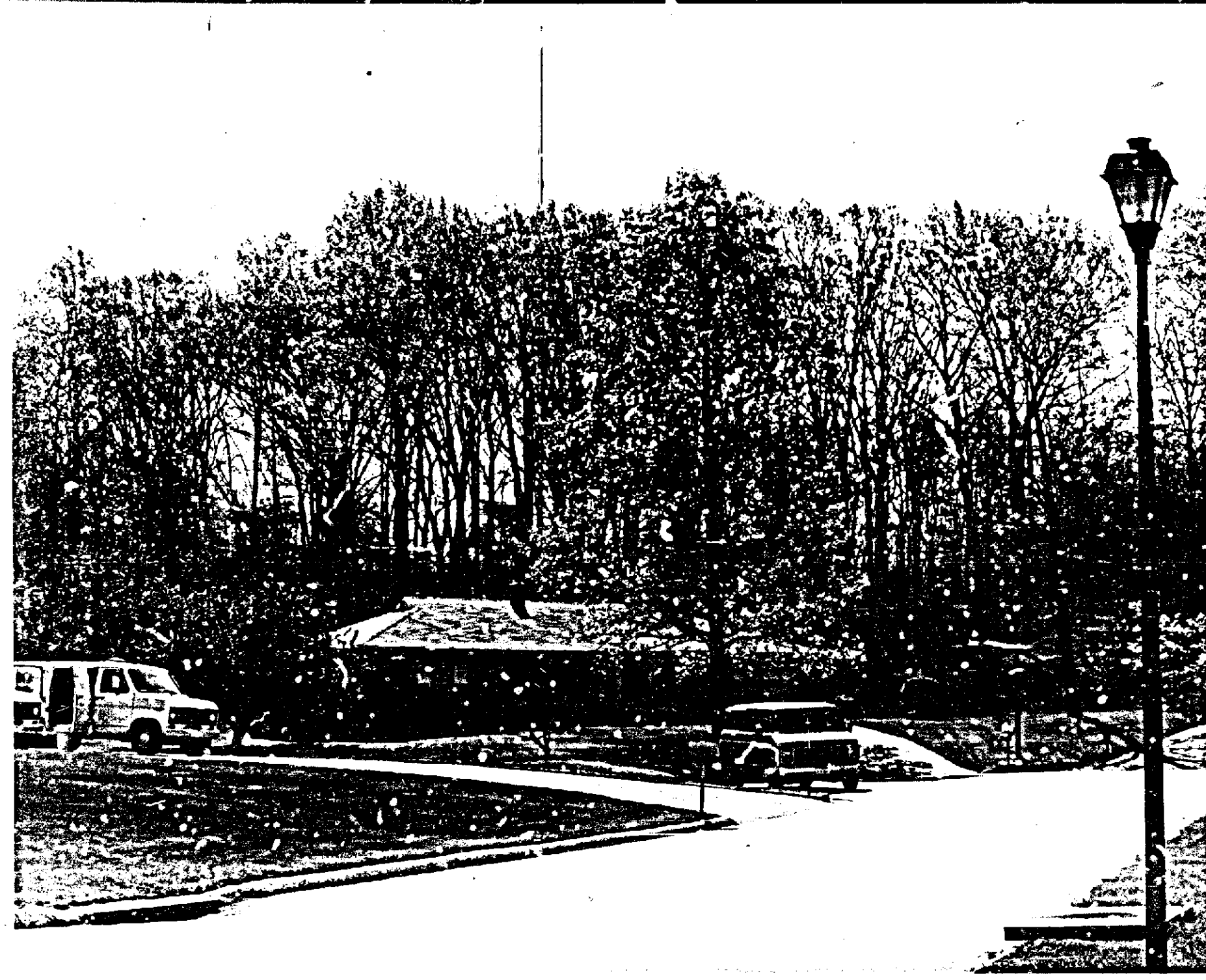
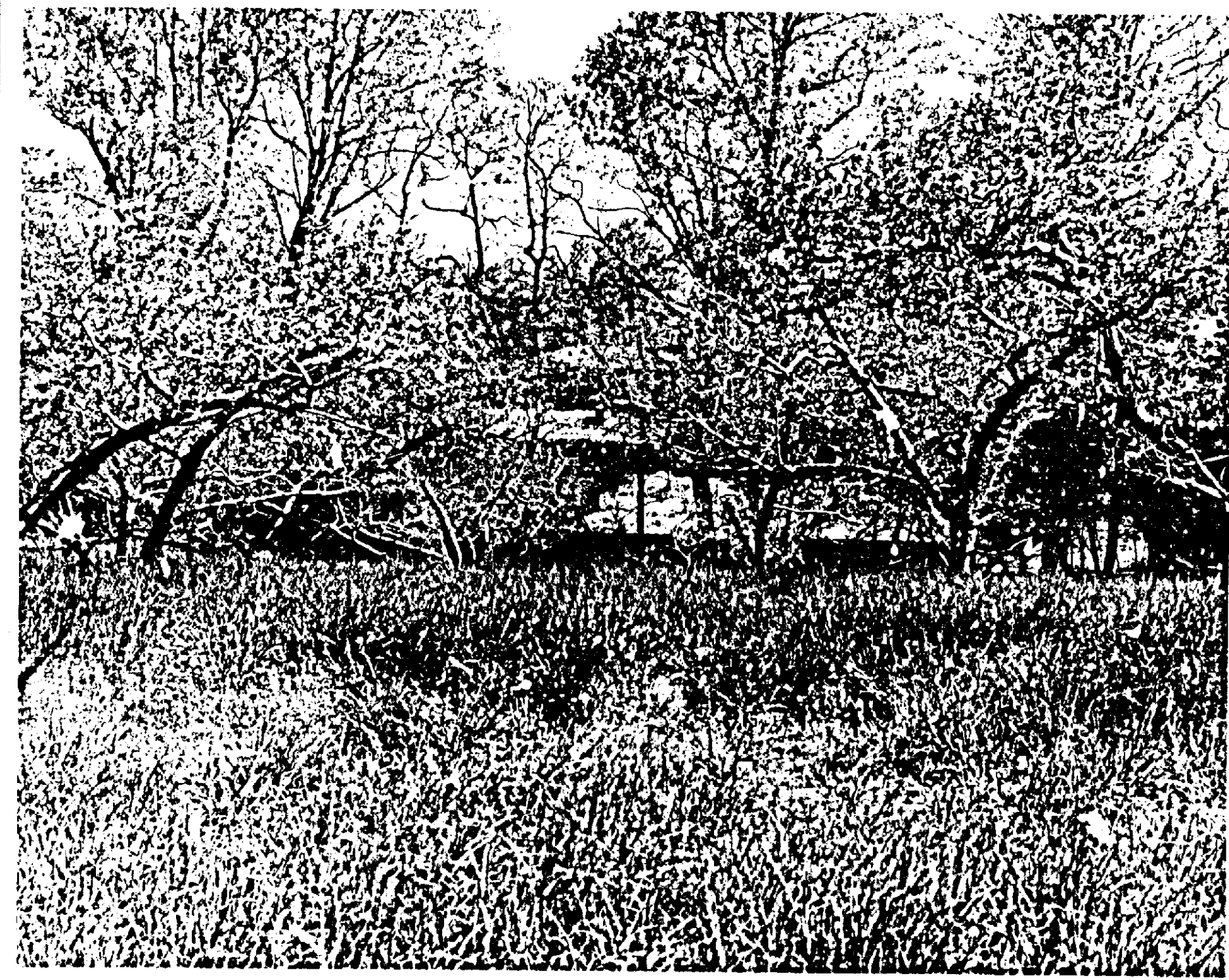
IN THE CIRCUIT COURT
FOR BALTIMORE COUNTY, IN EQUITY
Plaintiff
Defendant
VS.
CERTIFICATE OF PUBLICATION OF
APR 11 1981 AM
RECEIVED
FROM: Weinberg & Green
FOR: Filing Fee for Case No. 81-179-X
VALIDATION OR SIGNATURE OF CASHIER

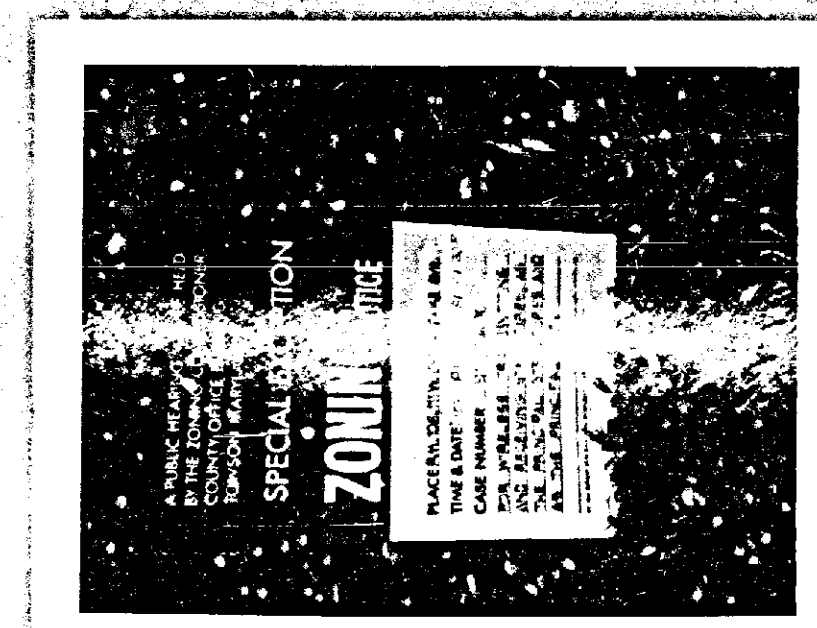
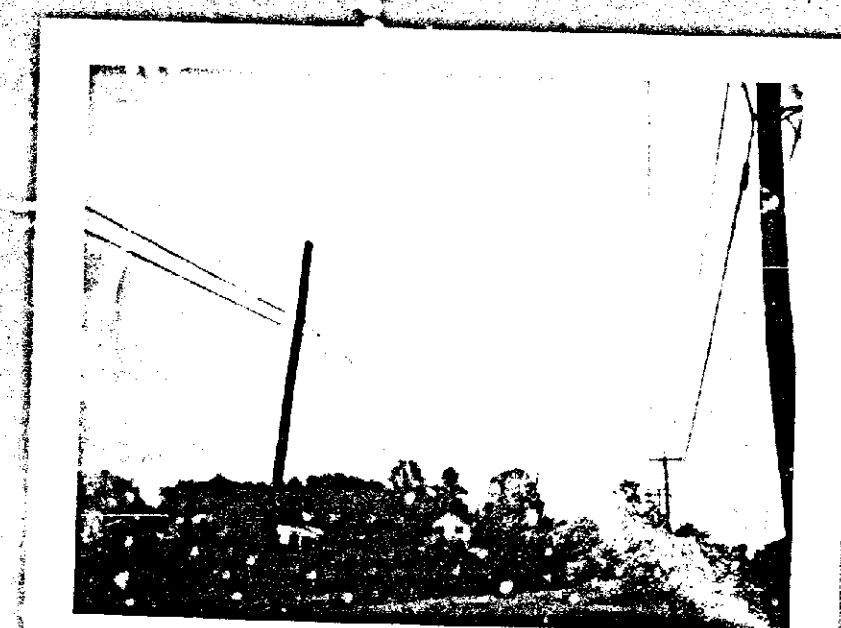
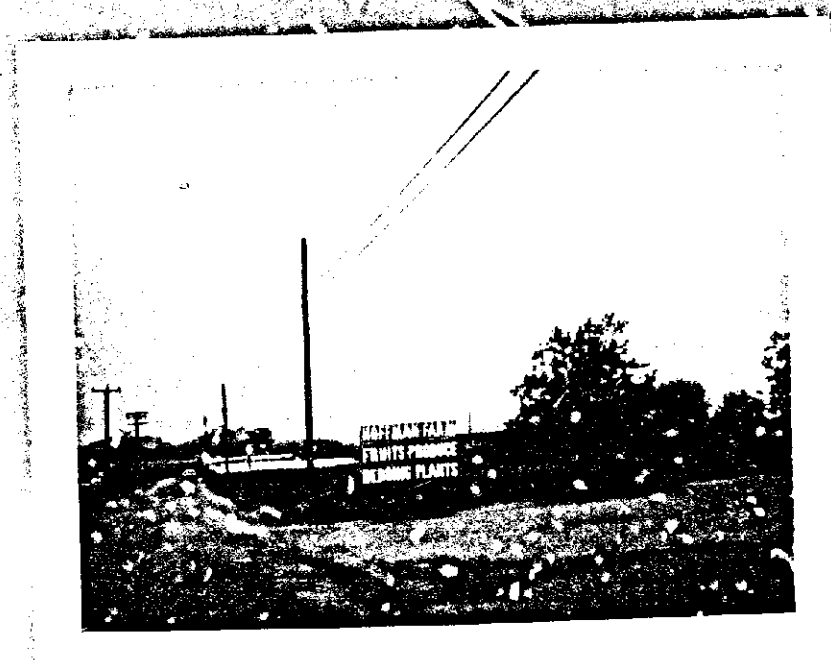
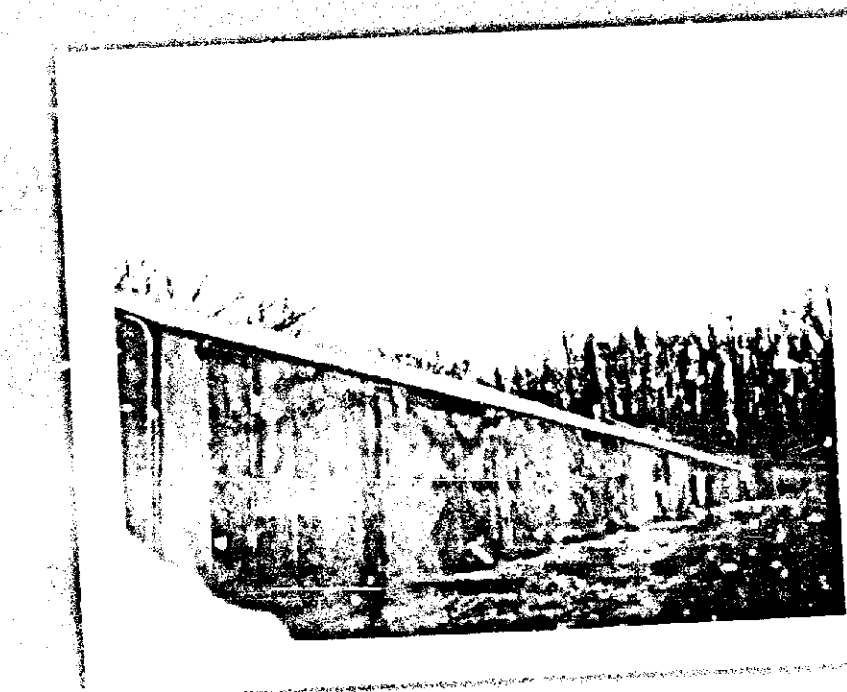
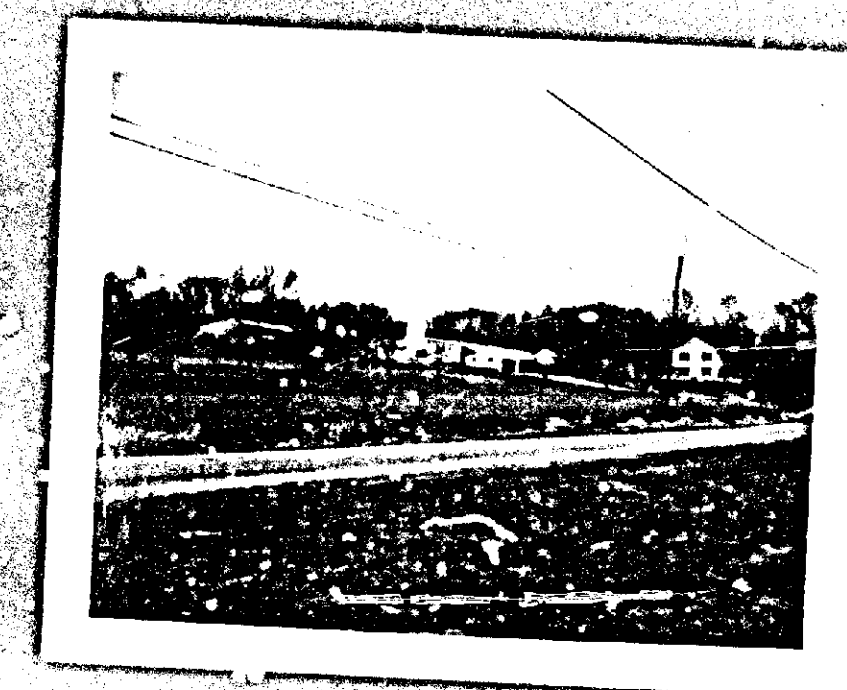
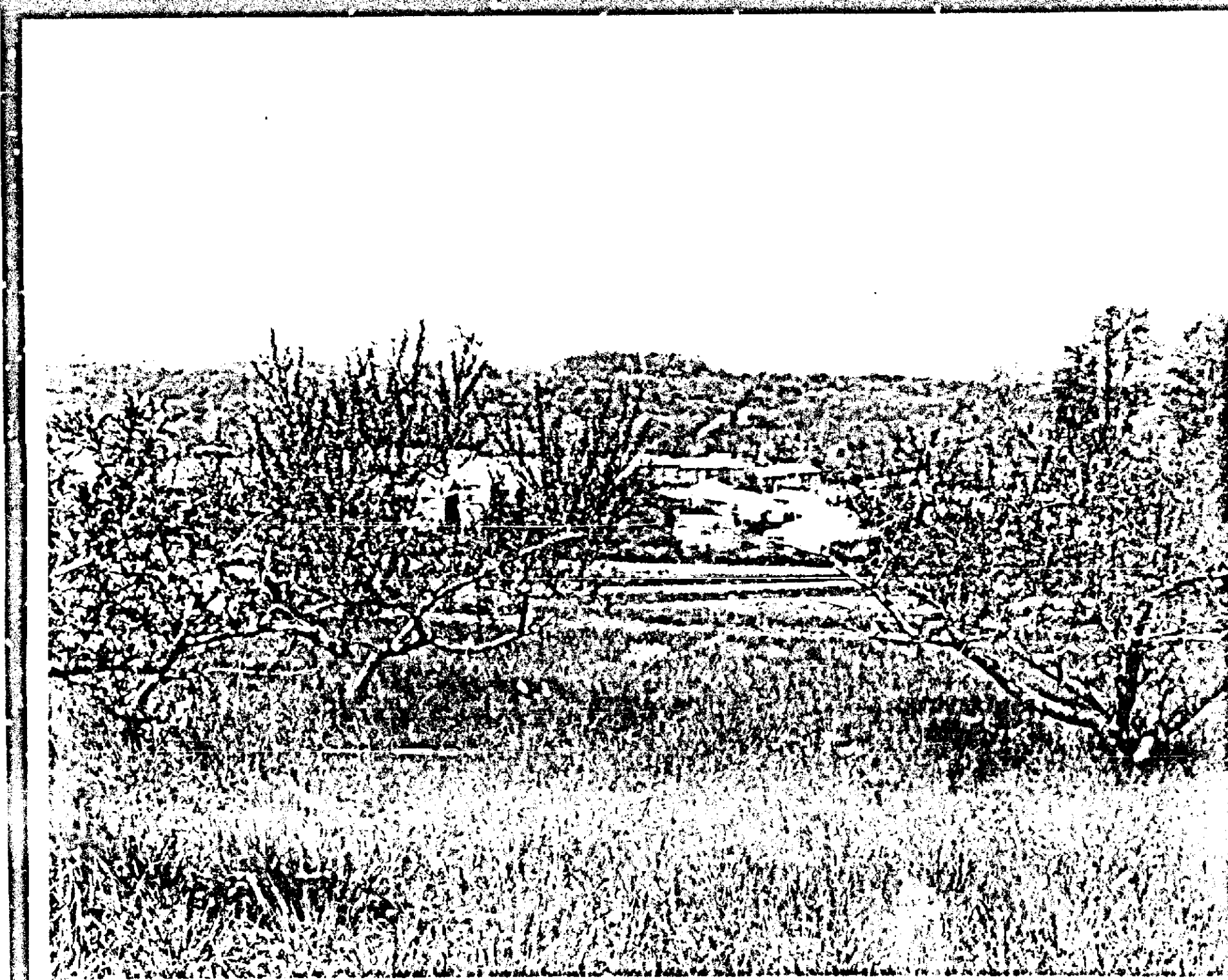
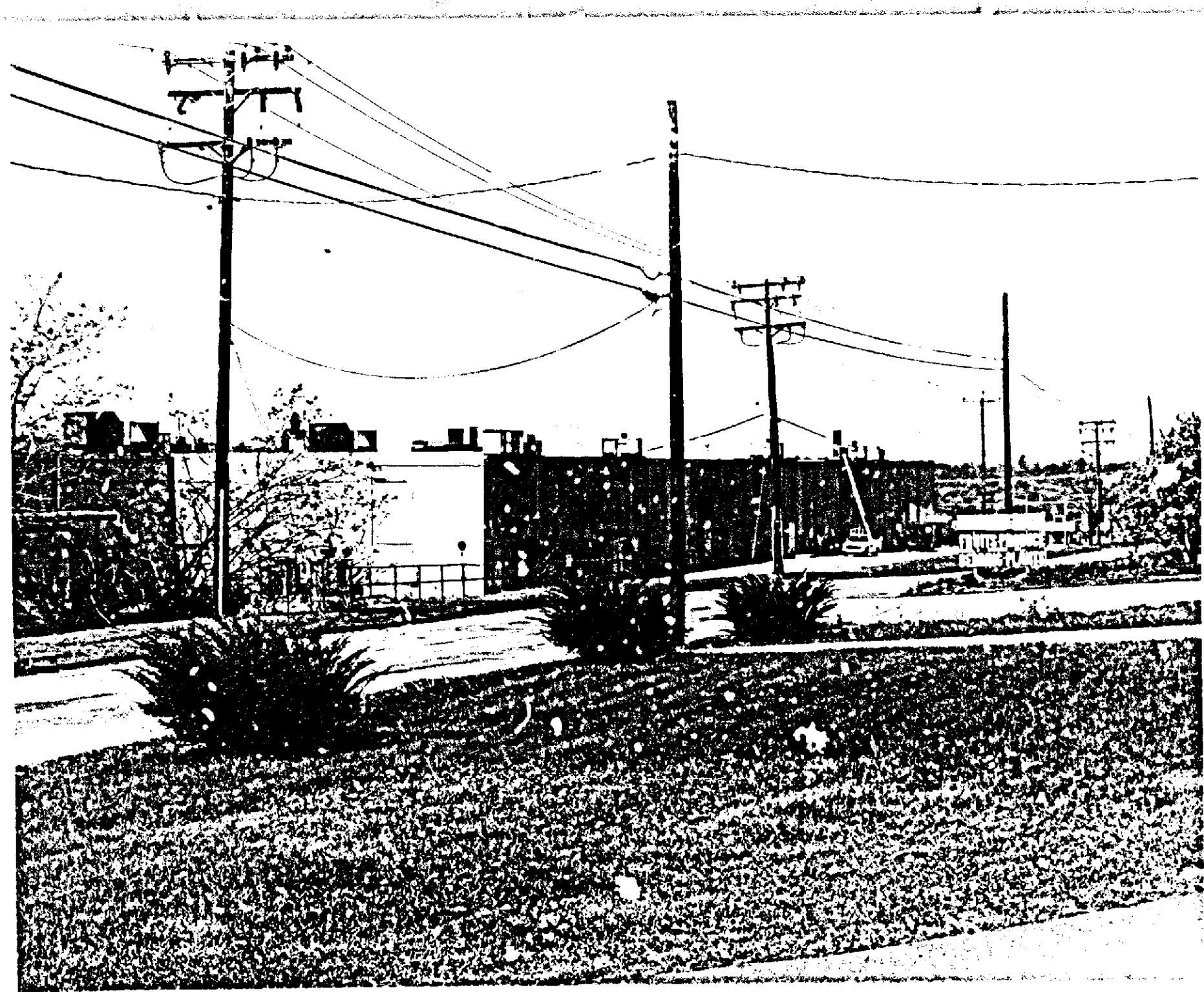
BALTIMORE COUNTY, MARYLAND
OFFICE OF FINANCE - REVENUE DIVISION
MISCELLANEOUS CASH RECEIPT
No. 095159
DATE: March 13, 1981 ACCOUNT: 01-662
AMOUNT: \$50.00
RECEIVED FROM: Weinberg & Green
FOR: Filing Fee for Case No. 81-179-X
VALIDATION OR SIGNATURE OF CASHIER

BALTIMORE COUNTY, MARYLAND
OFFICE OF FINANCE - REVENUE DIVISION
MISCELLANEOUS CASH RECEIPT
No. 097244
DATE: April 27, 1981 ACCOUNT: 01-662
AMOUNT: \$60.75
RECEIVED FROM: Weinberg & Green
FOR: for Posting and Advertising of case #81-179-X
VALIDATION OR SIGNATURE OF CASHIER

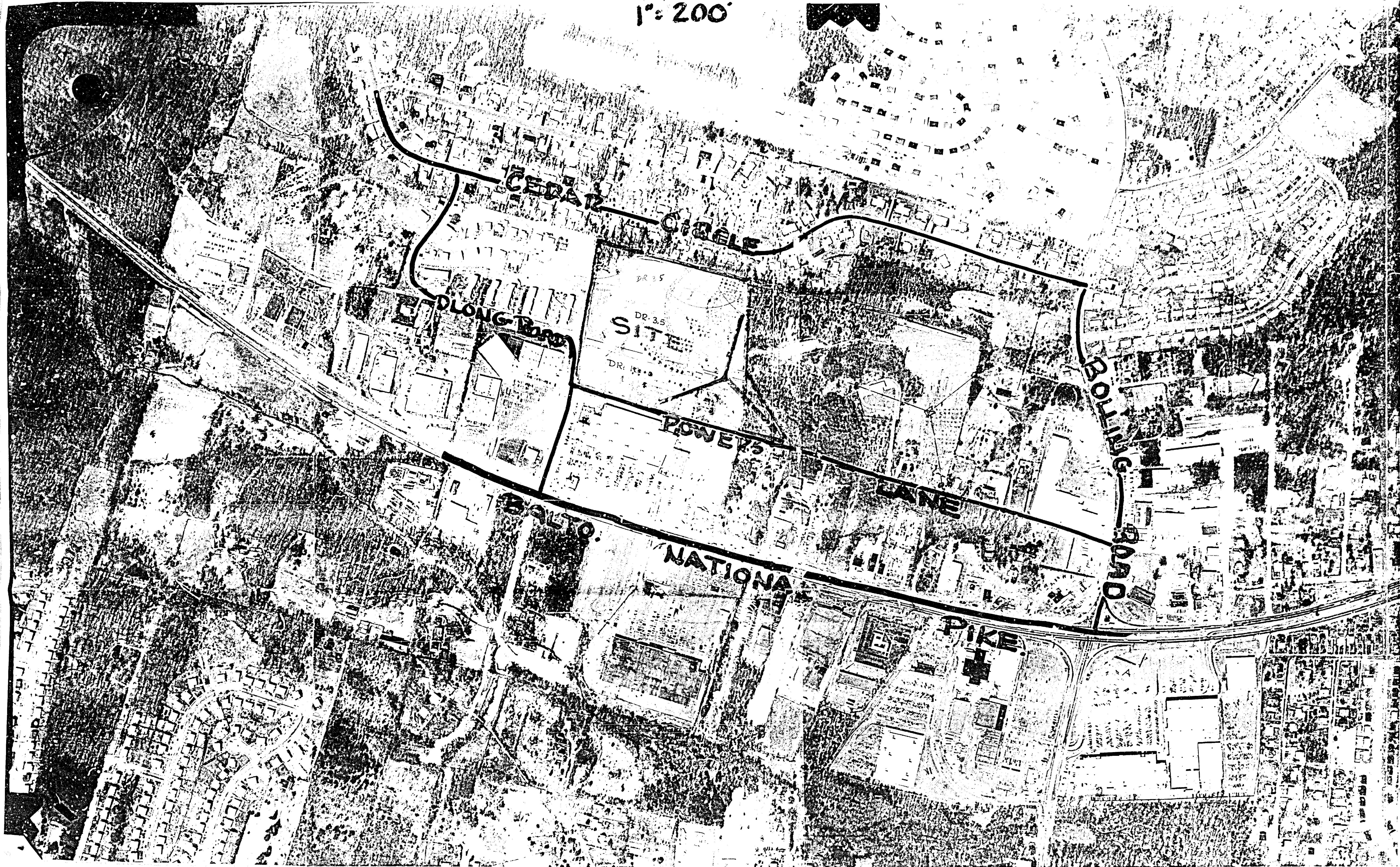
BALTIMORE COUNTY, MARYLAND
OFFICE OF FINANCE - REVENUE DIVISION
MISCELLANEOUS CASH RECEIPT
No. 096964
DATE: 7/15/81 ACCOUNT: 01-662
AMOUNT: \$75.00
RECEIVED FROM: Edward J. Zamarla
FOR: Appeal fee for Item #1-179-X
VALIDATION OR SIGNATURE OF CASHIER

81-179-X (item 136)
1st District
NE/cor. Powers Lane and Newood Drive
The Hoffman Family Ltd. Partnership
1 SIGN





1:200



1" = 200'

