

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT 26, MICHIGAN

January 31, 1972

Permit No. ED2-8-6862

RECEIVED
MICHIGAN PUBLIC SERVICE
COMMISSION
FEB 11 1972
PUBLIC UTILITIES DIVISION

Michigan Public Service Commission
Lansing 13, Michigan

Gentlemen:

I, Harvey Kent - Office Supervisor
of The Detroit Edison Company, Detroit, Michigan, hereby certify that the
wire crossing, covered by Wire Crossing Permit No. ED2-8-6862,
issued 8-2-71, has been constructed in accordance with
specifications of the Michigan Public Service Commission and construction
standards of The Detroit Edison Company, approved by Michigan Public Service
Commission on July 19, 1939, file ED 2-9.01, and that this crossing will be
maintained as provided in such specifications and construction standards.

Yours very truly,

Harvey Kent

RX No. 177A Span B-C
NW 1/4 of Sec. 17
Location Port Huron Township
St. Clair County
Railroad Grand Trunk & Western

Subscribed and sworn to before me this
3rd day of February, 19 72
Ivan W. Gault
Ivan W. Gault
Notary Public, Wayne
County, Michigan.
My Commission expires February 11, 1973

34636
P171

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE

DETROIT 26, MICHIGAN

January 28, 1972

Permit No. ED2-8-6863

RECEIVED
MICHIGAN PUBLIC SERVICE COMMISSION
FEB 11 1972
PUBLIC UTILITIES DIVISION

Michigan Public Service Commission
Lansing 13, Michigan

Gentlemen:

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Harvey Kent

RX No. 177A Span D-E
NW 1/4 of Sec. 17
Location Port Huron Township
St. Clair County
Railroad Grand Trunk & Western

Subscribed and sworn to before me this
3rd day of February, 1972
Ivan W. Gamble
Notary Public, Wayne
County, Michigan.
My Commission expires February 11, 1973

RECORDED NUMBER OF WAY NO.

34636
2/17/72

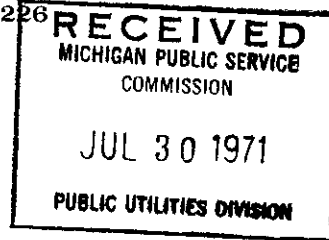
D.O. B-79313
7/27/71

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

July 28, 1971

Michigan Public Service Commission
Lansing 13, Michigan



Gentlemen:

The Detroit Edison Company, Detroit, Michigan, hereby makes application for authority to string the following wires over the tracks of the Grand Trunk & Western Railroad N.W. 1/2 of Section 17, Port Huron Township, T-6N, R-17E, St. Clair County.

Span B-C

Three #000 ACSR 4800 volt wires and two #0 ACSR 4800 volt wires over the tracks of Grand Trunk & Western Railroad located in Griswold Rd. 387' E. of Michigan Rd. 800' N.E. of Tappan Jct.

The proposed wire crossing will be constructed in accordance with specifications of the Michigan Public Service Commission and the construction standards of The Detroit Edison Company, approved by the Michigan Public Service Commission on July 19, 1939, File ED 2-9.01.

- Enclosed is a waiver of hearing granted by the Railroad Company.
- Waiver of hearing by the Railroad Company is covered by blanket waiver.
- This application covers reconstruction of existing crossing and will cancel and supersede wire crossing permit No. U216A dated 3/19/25
- This is a new crossing.

HB:dak Reference number of construction drawing is RX- 177A

Yours very truly,

Permit No. ED2-8-6862

Date 8-2-71

By J. M. Stappe

I. W. Gamble
Supervisor of Rights of Way
Real Estate and Rights of Way Dept.

Check in circle indicates statement applicable.

RECORDED RIGHT OF WAY NO.

34636
7/17

D.O. B-79313
7/27/71

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE

DETROIT, MICHIGAN 48226



July 28, 1971

Michigan Public Service Commission
Lansing 13, Michigan

Gentlemen:

The Detroit Edison Company, Detroit, Michigan, hereby makes application for authority to string the following wires over the tracks of the Grand Trunk & Western Railroad N.W. 1/4 of Section 17, Port Huron Township, T-6N, R-17E, St. Clair County.

Span D-E

Three #000 ACSR 4800 volt wires and two #0 ACSR 4800 volt wires over the tracks of Grand Trunk & Western Railroad located in Griswold Rd. 745' E. of Michigan Rd. 800' N.E. of Tappan Jct.

The proposed wire crossing will be constructed in accordance with specifications of the Michigan Public Service Commission and the construction standards of The Detroit Edison Company, approved by the Michigan Public Service Commission on July 19, 1939, File ED 2-9.01.

- Enclosed is a waiver of hearing granted by the Railroad Company.
- Waiver of hearing by the Railroad Company is covered by blanket waiver.
- This application covers reconstruction of existing crossing and will cancel and supersede wire crossing permit No. **U216A** dated **3/19/25**
- This is a new crossing.

HB:dmk

Reference number of construction drawing is RX- 177A

Yours very truly,

Permit No. ED2-8-6863

Date 8-2-71

By J. M. Hoppe

I. W. Gamble
Supervisor of Rights of Way
Real Estate and Rights of Way Dept.

Check in circle indicates statement applicable.

RECORDED RIGHT OF WAY NO. 34636-1471

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

TO:

July 28, 1971

Mr. R. D. Dykman, Engineer of Surveys and Construction
Grand Trunk Western Railroad Company
East Hall Street - Depot
Battle Creek, Michigan

Proposed Overhead Wire Crossing:

Three No. 000 ACSR 4800-volt wires and Two No. 0 ACSR 4800-volt wires. (Span D-E)

Specific Location

In Griswold Street 745 feet East of Michigan Road, 800 feet Northeast of Tappan Junction.

R.R. Valuation Station _____ R. R. Mile Post _____

City/Village _____ Township Port Huron, NW 1/4 of Sec. 17

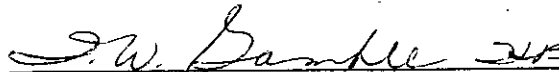
County St. Clair Detroit Edison Plan Attached RX-177A

This is a New Crossing _____ This is a Reconstruction of Existing Crossing X

Previous Agreement Information (if any) Date _____ (R. R. Plan) _____

Blanket Waiver of Hearing Covers X Waiver of Hearing Requested _____
(Waiver of Hearing to be mailed to applicant listed below)

All construction will be done in accordance with the rules and regulations of the Michigan Public Service Commission.


I. W. Gamble, Supervisor of Rights of Way
Real Estate and Rights of Way Department

HB:dmk

THE DETROIT EDISON COMPANY

2000 SECOND AVENUE
DETROIT, MICHIGAN 48226

TO:

July 28, 1971

Mr. R. D. Dykman, Engineer of Surveys and Construction
Grand Trunk Western Railroad Company
East Hall Street - Depot
Battle Creek, Michigan

Proposed Overhead Wire Crossing:

Three No. 000 ACSR 4800-volt wires and Two No. 0 ACSR 4800-volt wires. (Span B-C)

Specific Location

In Griswold Road 387 feet East of Michigan Road, 800 feet Northeast of Tappan Junction.

R. R. Valuation Station _____ R. R. Mile Post _____

City/Village _____ Township Port Huron, NW 1/4 of Sec. 17

County St. Clair Detroit Edison Plan Attached RX-177A

This is a New Crossing _____ This is a Reconstruction of Existing Crossing X

Previous Agreement Information (if any) Date _____ (R. R. Plan) _____

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(Waiver of Hearing to be mailed to applicant listed below)

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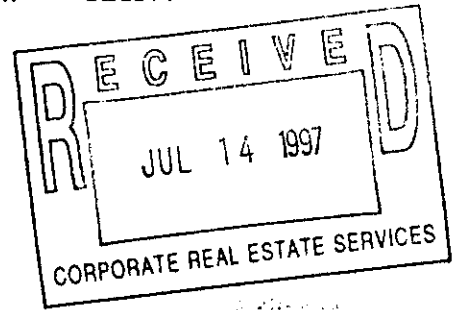
I. W. Gamble
I. W. Gamble, Supervisor of Rights of Way
Real Estate and Rights of Way Department

RECORDED RIGHT OF WAY NO. 34636
p171

CORPORATE REAL ESTATE SERVICES

Project No.: BT0020
Location Project No.: BT0020
R/W No.: RX177

Date: May 15, 1997
To: Jocelyn C. McKeldin
Records Center
From: Tom Wilson *TW*
Subject: Wire Crossing of Railroad Tracks



Attached are papers related to the notification, dated April 3, 1997, to Grand Trunk Western Railroad Company, to revise the above mentioned crossing in the NE ¼ of Section 17, Port Huron Township, St. Clair County, Michigan.

The Service Center is notified to revise the crossing as requested. **Note: All construction work associated with aerial crossings of railroad tracks requires that you notify the operating railroad as to the actual date of construction, in advance of any work.**

Please incorporate these papers into Record Center File No. 34636P171.

Attachments

cc: Marty Gallina

RECORDED RIGHT OF WAY 34636P171



2000 2nd Avenue
Detroit, Michigan 48226-1279

CORPORATE REAL ESTATE SERVICES

April 3, 1997

Mr. M.J. Dupuis
Engineer of Design Construction
Grand Trunk Western Railroad Company
1333 Brewery Park Boulevard
Detroit, Michigan 48207-2699

Re: Wire Crossing Revision Notification

Dear Mr. Dupuis:

This letter is your notice of the planned reconstruction of an overhead wire crossing, by The Detroit Edison Company, in the NE 1/4 of Section 17, Port Huron Township, St. Clair County, Michigan, as described on the enclosed drawings and information forms.

1. Location: In Griswold Road, south side, 387' east of the centerline of Michigan.
2. Detroit Edison Project and Crossing Nos.: BT0020, RX177
3. This is a reconstruction of a crossing (Previous MPSC Permit ED286863/Date: August 2, 1971. Information on this crossing is retained in Edison ROW File No. 34636 P171.
4. Please indicate your:
 - R.R. Valuation Station No. _____
 - R.R. Mile Post No. _____
 - Will a Flagman or Inspection be required? _____

All construction will be done in accordance with specification of the Michigan Public Service Commission and all applicable codes and laws.

Michigan law requires you to respond within 30 calendar days of the receipt of this notification. In the event you do not respond within 45 days of the receipt of this letter, our crews will be instructed to begin work.

Please contact me on (313)235-8314 if you have any questions.

Sincerely,

Thomas Wilson
Real Estate Associate II
Room 2310 WCB

cc: Marty Gallina
Attachments

Certified Mail
Return Receipt Requested

RECORDED RIGHT OF WAY 34636P171

Railroad Name Grand Trunk Western R.R.			Department Order B-76450		
Row No. (Information on existing rights of way available from Record Center) 34636 P171		New or existing RX No. 177B		Encroachment (Length in Feet)	
Location City/Township(s) Port Huron Twp.		Town(s) T-6N	Range(s) R-17E	County(s) St. Clair	1/4 Section(s) N.E.
Section(s) 17					
Location Description of Encroachment Griswold Approx. 387' East of Michigan & 745' East of Michigan					
Check appropriate box					
<input checked="" type="checkbox"/> Crosses tracks within the public road right-of-way		<input type="checkbox"/> Crosses railroad land		<input type="checkbox"/> Is longitudinally on or over railroad land,	
<input type="checkbox"/> Provides service to the railroad					

Facility Data (also detailed on attached drawing)

Nature of required tree rights

Existing State Permit No.	Date	Railroad Mile Post (Number)	Distance to Crossing from Mile Post (in feet) 800' N.E. of Tappan Jct.
---------------------------	------	-----------------------------	----------------------------------------------------------------------------------

Existing								Proposed									
Type of Structure								Type of Structure									
<input checked="" type="checkbox"/> Wood <input type="checkbox"/> Steel								<input type="checkbox"/> Wood <input type="checkbox"/> Steel									
Conductors				Poles				Cross-Arms Size	Conductors				Poles				Cross-Arms Size
Span.	No./Size	Kind	Voltage	Loc.	Height	Class	Span.		No./Size	Kind	Voltage	Loc.	Height	Class			
B-C	3-1/0	ACSR	13.2kV	A	45	3	96"	B-C	1-1/0	ACSR	Neutral					None	
D-E	3-1/0	ACSR	13.2kV	B	45	3	96"	D-E	1-1/0	ACSR	Neutral					None	
				C	45	3	96"										
				D	45	3	96"										
				E	45	3	96"										
				F	45	5	96"										

RECORDED RIGHT OF WAY

Explanation of Line Changes (continue on separate sheet if necessary)
Revised Voltage of Primary Wires From 4.8kV to 13.2kV. Added 1-1/0 ACSR Neutral to Existing Crossings.

Clearances			
Tolerance	Clearances		
Nearest 0.1 foot with lowest conductor or wire at 60° final sag. (If different indicate on drawing)	From Top of Rail to Final Sag	Span B-C 29.5' Height	Span D-E 26.5' Ft.
	From Detroit Edison wire to Railroad Communication or Signal Lines		Ft.

* Materials and clearances shall be as noted in the current revision of Detroit Edison's Overhead Lines Construction Standards Manual at Railroad Crossings. Due to field conditions actual dimension may vary from those indicated.

Designed By M. Gallina	Date 3-27-97	Checked By <i>Brian [Signature]</i>	Date 3-27-97
Company Location Thumb-Marysville S.C.	Phone No. 364-0328		

THE DETROIT EDISON COMPANY
DE FORM SE 32 2-66 X

RX 127A

PROPOSED LINE CROSSING OVER GRISWOLD ST. + N. WESTERN EXISTING PERMIT NUMBER U 816A
IN GRISWOLD TOWNSHIP 2951 E. OF RAILROAD ST. CITY OF BIRMINGHAM COUNTY OF JEFFERSON

D.O. B 79313

SECTION 111 TOWNSHIP 2951 COUNTY OF JEFFERSON

NOTES
MATERIALS SHALL BE AS NOTED IN THE DETROIT EDISON COMPANY'S GENERAL SPECIFICATIONS FOR OVERHEAD LINE CONSTRUCTION AT RAILROAD CROSSINGS DATED MARCH 1955.
ACTUAL FIELD DIMENSIONS MAY VARY SOMEWHAT FROM THOSE SHOWN BUT THE REQUIREMENTS OF ORDER NO. 1879 OF MICHIGAN PUBLIC SERVICE COMMISSION AS REVISED JAN. 1, 1944, WILL BE COMPLIED WITH.

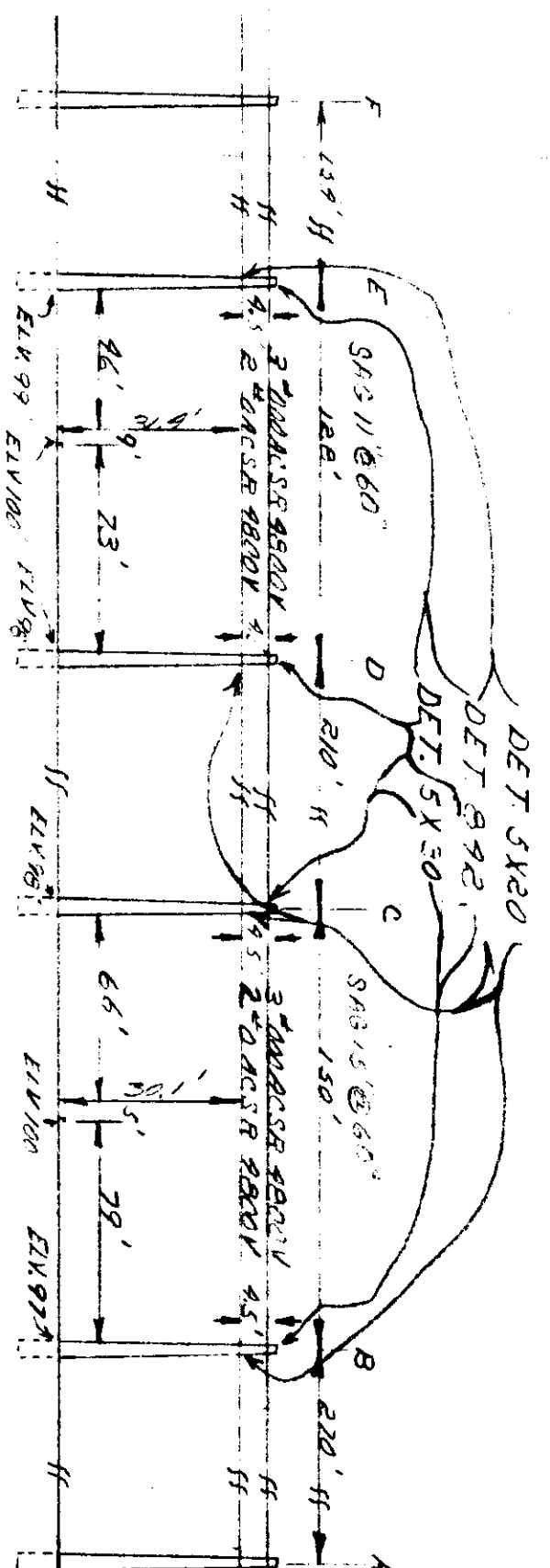
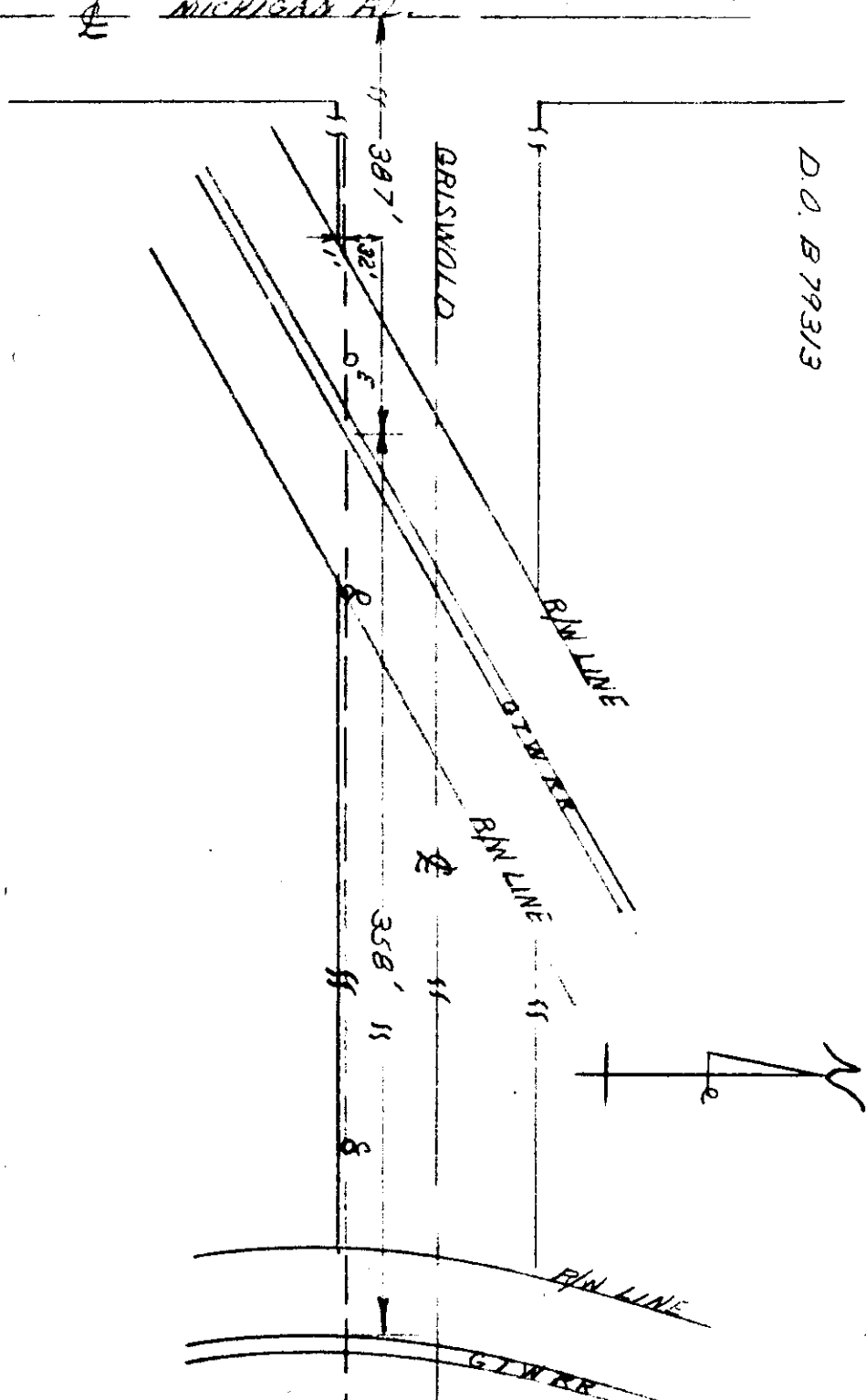
MINIMUM CLEARANCES

NEAREST POLE TO RAIL	7 FT
WIRE OVER TRACKS	0.750 VOLTS 27 FT 750.15000 VOLTS 28 FT 15.000.50.000 VOLTS 30 FT
WIRE OVER R R SIGNAL	0.750 VOLTS 2 FT 750.8.700 VOLTS 4 FT 8.700.50.000 VOLTS 6 FT

SPAN	SPAN LENGTH	LOWEST CONDUCTOR OVER R.R. TRACKS	STRINGING SAG AT 60°F	HEIGHT OF LOWEST CONDUCTOR OVER	
				R.R. TRACKS	R.R. SIGNAL WIRE
E-D	128'	24' 0" @ 60°	11'	31' 9"	—
C-B	152'	24' 0" @ 60°	15'	30' 1"	—

NUMBER	SIZE	KIND	VOLTAGE	POLES		
				LOCATION	LENGTH	CLASS
SPAN B-C	4/0	ALSR	4800V	B	45'	3
SPAN C-D	4/0	ALSR	4800V	C	45'	3
SPAN D-E	4/0	ALSR	4800V	D	45'	3
SPAN E-F	4/0	ALSR	4800V	E	45'	3
SPAN F-G	4/0	ALSR	4800V	F	45'	3

DESIGNED BY R. GILLOW OVERHEAD LINES DEPT. PART 445.04
APPROVED C. S. GILLOW GENERAL ENGINEERING DEPT. DATE 2/25/54



ELEVATION LOOKING NORTH

RULING SPAN 280'
SAG TABLE B

DETROIT
EDISON

O.H. RAILROAD CROSSING PERMIT

DE 963-3966 6-85 X 15E 321

DO B-76450 RX 177B

PROPOSED LINE CROSSING OVER GRAND TRUNK WESTERN RR
GRISWOLD 387' EAST OF MICHIGAN AND
IN GRISWOLD 745' EAST OF MICHIGAN

SECTION 17 QUARTER NE TOWNSHIP PORT HURON 1 6N R 17E COUNTY ST. CLAIR

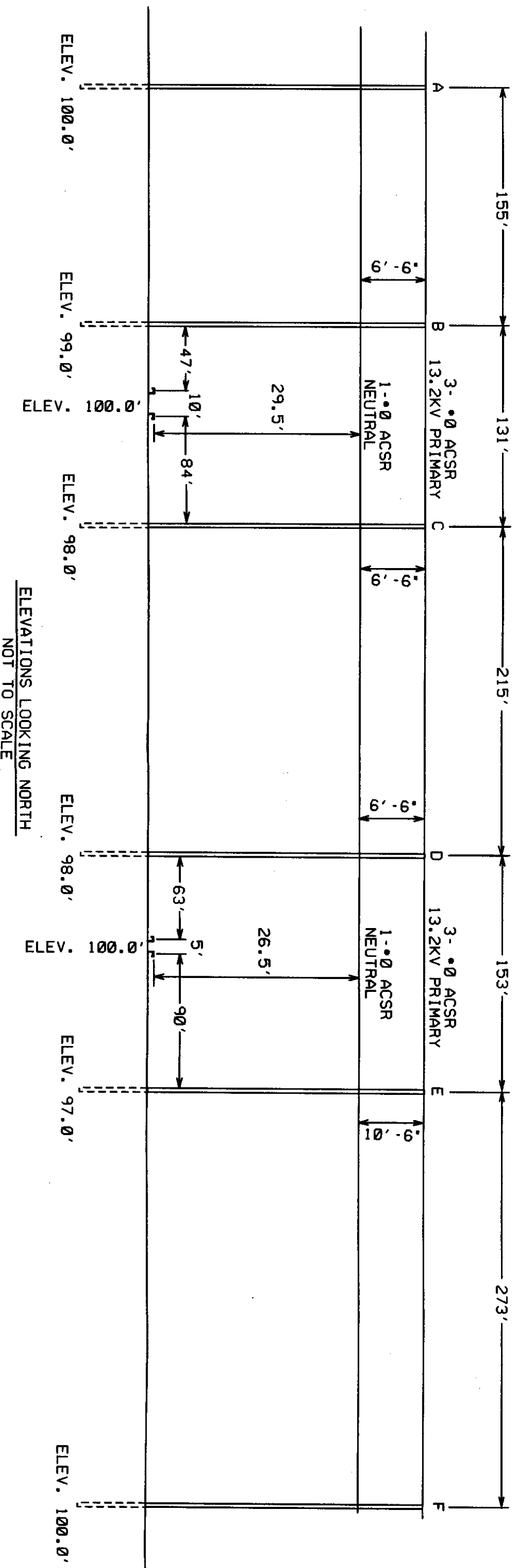
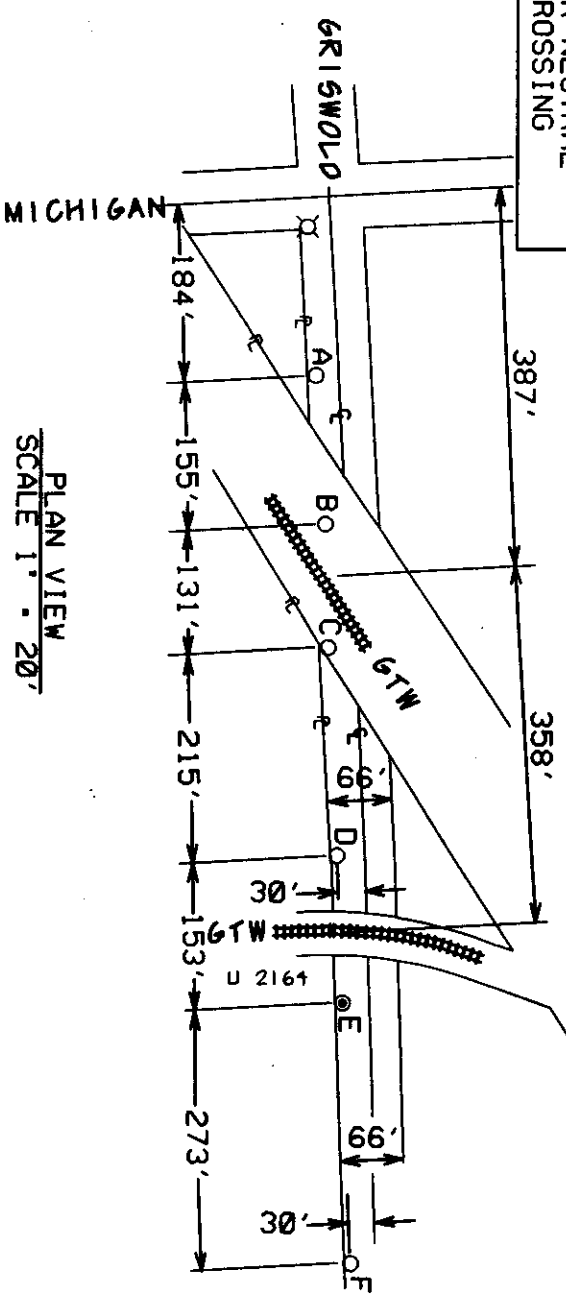
REFER TO SECTION 12 OF OVERHEAD LINES CONSTRUCTION STANDARDS FOR MINIMUM CLEARANCE CHART. THE RAILROAD PERMIT APPLICATION (DE 963-6064) SHALL BE SUBMITTED ALONG WITH THIS VOLUME.

SPAN	SPAN LENGTH OVER R.R. TRACKS	LOWEST CONDUCTOR STRINGING SAG AT 60° F	SAG TABLE	RULE SPAN	FINAL SAG RATION
BC	131'	1-0 ACSR	11'	280'	1.27
DE	153'	1-0 ACSR	15'	280'	1.27

DESIGNED BY M. GALLINA
CHECKED BY *[Signature]*
DIVISION THUMB - MARYSVILLE S.C.
DATE 3-27-97

CONSTRUCTION SUMMARY
POLE A - 45-3 SET 6'-6" DET 13X38 (PRI), DET 605A (NEUTRAL)
POLE B - 45-3 SET 6'-6" DET 13X38 (PRI), DET 605D (NEUTRAL)
POLE C - 45-3 SET 6'-6" DET 13X38 (PRI), DET 605D (NEUTRAL)
POLE D - 45-3 SET 6'-6" DET 13X38 (PRI), DET 605D (NEUTRAL)
POLE E - 45-3 SET 6'-6" DET 13X38 (PRI), DET 605D (NEUTRAL)
POLE F - 45-5 SET 6'-6" DET 13X30 (PRI), DET 605A (NEUTRAL)

REVISION 177B - REVISED VOLTAGE OF PRIMARY WIRES FROM 4.8KV TO 13.2KV ADDED 1-0 ACSR NEUTRAL TO EXISTING CROSSING



RECORDED RIGHT OF WAY 34636P171

North