

STATE OF MICHIGAN

Office of the Michigan Public Utilities Commission, } ss.

I, J. Carl Sheil, Secretary of the Michigan Public Utilities Commission,

Do Hereby Certify, That I have compared the annexed copy of Permit No. U5728

J902



J902

with the original permit

recorded in

and that it is a true and correct transcript therefrom, and of the whole of such original.

In Testimony Whereof, I have hereunto set my hand and affixed

the seal of the Commission, at Lansing, this 7th

day of M a y in the year of our Lord

one thousand nine hundred twenty-nine

J. Carl Sheil

Secretary, Michigan Public Utilities Commission

RECORDED RIGHT OF WAY NO. 34637

pat

STATE OF MICHIGAN
BEFORE MICHIGAN PUBLIC UTILITIES COMMISSION

Standard Railroad Wire-Crossing Permit No. U-5728

In Re Application of **Detroit Edison Company (Detroit)**

Pursuant to Act No. 171 of the Session Laws of 1893, as amended, application having been made to Michigan Public Utilities Commission by said **Detroit Edison Company**

for permission to string wires across the tracks of the **Ann Arbor Railroad Company**

and said **Detroit Edison Company**

having conformed to the Commission's rules governing the filing of notices and issuing of permits for the construction of electrical lines and said rail **road** company having waived the right of notice and hearing provided for in said act

THEREFORE, It is ordered that said **Detroit Edison Company**

be permitted to string the following described wires across the tracks of said railroad at the following described place:

**Village of Milan, }
Monroe County, }
Michigan:-)**

In Wabash Avenue, with:

1 - #4 copper wire, 4800 volts, single to three-phase.

as indicated on the attached plans, when, as and if approved.

At the point of crossing said wires shall be constructed in accordance with this Commission's rules and regulations.

Given under our hands and the Official Seal of this Commission at the City of Lansing, State of Michigan, this **7th** day of **May** **1929**.
A. D. 19

MICHIGAN PUBLIC UTILITIES COMMISSION
By

JAMES BICE

Chairman,

BYRON P. HICKS

Commissioner,

ROBERT H. DUNN

Commissioner,

SAMUEL ODELL

Commissioner,

Countersigned

J. Carl Shell

Secretary

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DATA SHEET TO ACCOMPANY
DRAWING RX-988

*4-10-23
Blanket
Warner
U-5728*

Name of Company
The Detroit Edison Company

Name and Location of Crossing
Over the Ann Arbor R.R. in Wabash Ave., approximately 197' south of
the Wabash R.R., S.W. 1/4 Sec. 2, Town 5 south, Range 6 east, Village
of Milan, Milan Twp., Monroe County, Mich.

Circuits
Proposed one 4800 volt, 60 cycle, 1 wire to connect existing 2 wire
single phase into 3 phase distribution circuit.
Existing one 4800 volt, 60 cycle, 2 wire, single phase distribution
circuit.
Existing one 5000 volt, 60 cycle, 2 wire series St. Ltg. circuit.

Poles
Pole (A) 50' Idaho cedar 28" top circumference 41' butt circumference
at ground line set 7' in clay soil.
Pole (B) 55' Idaho cedar 28" top circumference 52" butt circumference
at ground line set 7'-6" in clay soil.
Pole (C) 50' Idaho cedar, 28" top circumference 45" butt circumference
Pole (D) 45' Idaho cedar, 28" top circumference 44" butt circumference
at ground line set 6'-6" in clay soil.
Pole (E) 50' Idaho cedar, 28" top circumference 47" butt circumfer-
ence at ground line set 7' in clay soil.

Guy and Guy Attachments
One 3/8" Guy from pole (A) 41' above ground to pole (K) 9' above
ground.
One 3/8" Guy from pole (B) 46' above ground to anchor (K) 15' from
butt of pole (B).
One 1/2" Guy from pole (B) 46' above ground to anchor (K) 12' from
butt of pole (B).
One 1/2" Guy from pole (C) 41' above ground to anchor (G) 10' from
butt of pole (C).
One 5/16" Guy from pole (C) 41' above ground to pole (D) 8' above
ground.
One 1/2" Guy from pole (E) 41' above ground to anchor (F) 10' from
butt of pole (E).
All guy wire double galvanized stranded steel with a minimum ultimate
strength of 55,000 lbs. per square inch.

Cross Arms
Existing two 3 1/2" x 4 1/2" x 96" Douglas fir double cross arms on pole (C).
Existing one 3 1/4" x 4 1/4" x 96" Douglas fir double cross arm on pole (B).
PROPOSED ONE 3 1/4" x 4 1/4" x 96" DOUGLAS FIR DOUBLE BUCK ARM ON POLE (C)

Conductors
Existing 2 #6 Medium hard drawn solid T.B.W.P. copper wires.
Existing 2 #4 Medium hard drawn solid T.B.W.P. copper wires.
Proposed 1 #4 Medium hard drawn solid T.B.W.P. copper wires.

RECORDED
RIGHT OF WAY NO. 94637

DATA SHEET TO ACCOMPANY
RAILROAD CROSSING DRAWING

Guy Clamps

One 1 5/8" x 6" three bolts galvanized steel clamp at each end, for 3/8" and 5/16" guys.
Two 1/2" Crosby guy clamps at each end, for 1/2" guys.

Guy Insulators

Two O.B.#26500 - 5 1/8" porcelain interlocking strain type insulators on 3/8" and 5/16" guys for 24,000 volt circuits and one per guy for lower voltages.
Two O.B.#25009 - 4" porcelain interlocking strain type insulators on 1/2" guys for 24,000 volt circuits and one per guy for lower voltages.

Guy Anchor

Four Blade "Everstick" on 1/2" Guys buried 7' deep.
8" Cone on 3/8" and 5/16" guys buried 6' deep.

Anchor Rods

3/4" x 8' round galvanized steel rods on "Everstick" anchors.
5/8" x 6' round galvanized steel rods on 8" Cone anchors.

Cross Arms Attachments

5/8" Galvanized steel center bolts.
5/8" Galvanized steel spacer bolts.
4" x 4" treated pine space blocks.
1/4" x 1 1/4" x 28" flat galvanized steel braces.
3/8" galvanized steel bolts at arm end of braces.
1/2" x 5" galvanized steel lag screws at pole end of braces.

Pins

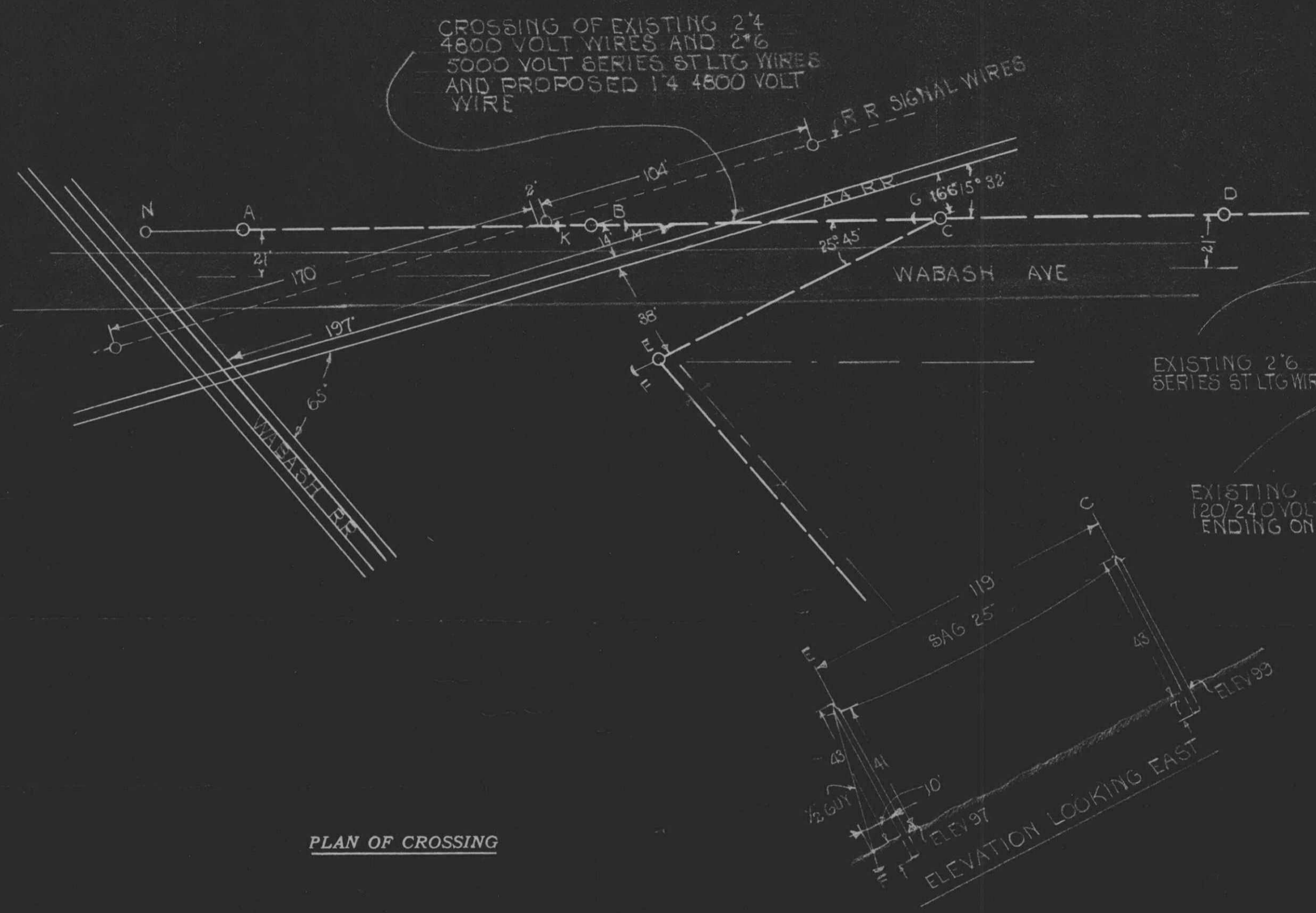
1 3/4" x 14" x 1 3/8" locust pins for 24,000 volt circuits.
1 1/4" x 10-1/3" x 1" locust pins for all other circuits.

Insulators

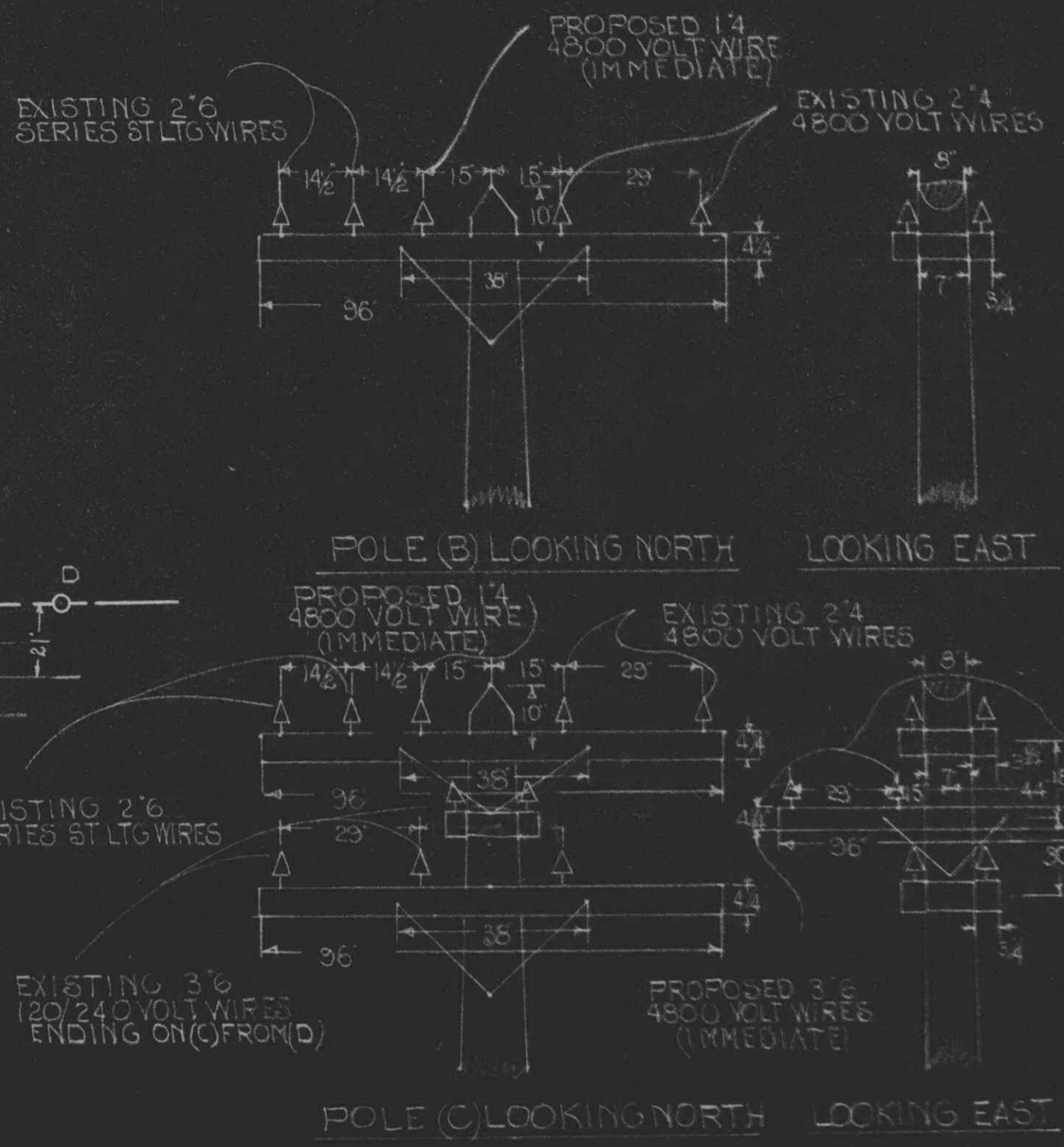
One O.B.#11623 pin type and four Locke #8049 disc type insulators per wire, per crossing pole on 24,000 volt circuits. (One O.B.#11623 and two Locke #8049 for dead ends).
Two O.B.#12847 porcelain pin type insulators per wire, per crossing pole for 4,800 volt, 2,400 volt, series lighting and private telephone circuits.
Two #20 Hemingray glass insulators per wire, per crossing pole for 120/240 volt secondary circuits.
One O.B.#12847 pin type and two Colonial #11940 disc type insulators per wire for #0000 primary circuits and one #20 Hemingray glass pin type and two #25009 strain type insulators per wire for #0000 secondary circuits per crossing pole.

Ties

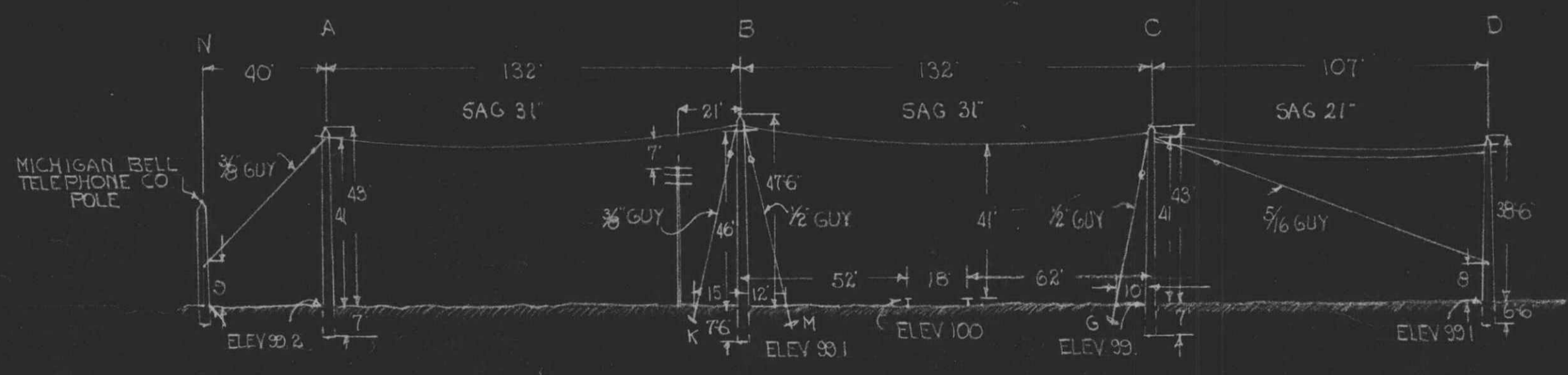
Standard top groove tie on 24,000 volt, 4,800 volt, 2,400 volt, series lighting and private telephone circuits.
Standard side groove tie on 120/240 volt secondary circuits.
#8 soft, solid, bare copper tie wire for 24,000 volt circuits.



PLAN OF CROSSING



PURPOSE OF LINE
SERVICE TO SINCLAIR REFINING CO
STORAGE TANKS



ELEVATION OF CROSSING LOOKING EAST

APPROVED
FOR
MICHIGAN PUBLIC UTILITIES
COMMISSION
J. H. ...
CHIEF ENGINEER
FILE D-5728 DATE MAY-4 1929

VILLAGE MILAN
COUNTY MONROE
TOWNSHIP MILAN
SURVEY NO. OF TWP. 5 SOUTH
RANGE NO. 6 EAST
SECTION NO. SW 4 SEC 2

THE DETROIT EDISON CO.
PLAN SUBMITTED TO MICH.
PUBLIC UTILITIES COMMISSION
FOR 4800 VOLT CROSSING
OVER ANN ARBOR RR
DRAWN BY EEH DATE
CHECKED BY ... DATE ...

MEANWELL

U-5728

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RECORDED
MAY 4 1920
ASSETS