

C. B. & Q. R. R.

— ST. JOSEPH DIVISION —

WIRING DIAGRAM
C. B. & Q. R. R. AND C. G. W. R. R.
AUTOMATIC PROTECTION SIGNALS
LEAVENWORTH KAN. to Q. JCT. MO.

NOT TO SCALE

SEPT. 26, 1940.

OFFICE OF SIGNAL ENGINEER.

CHICAGO ILL.

No. 79539-J

Dr. 31801

ON 5 SHEETS.

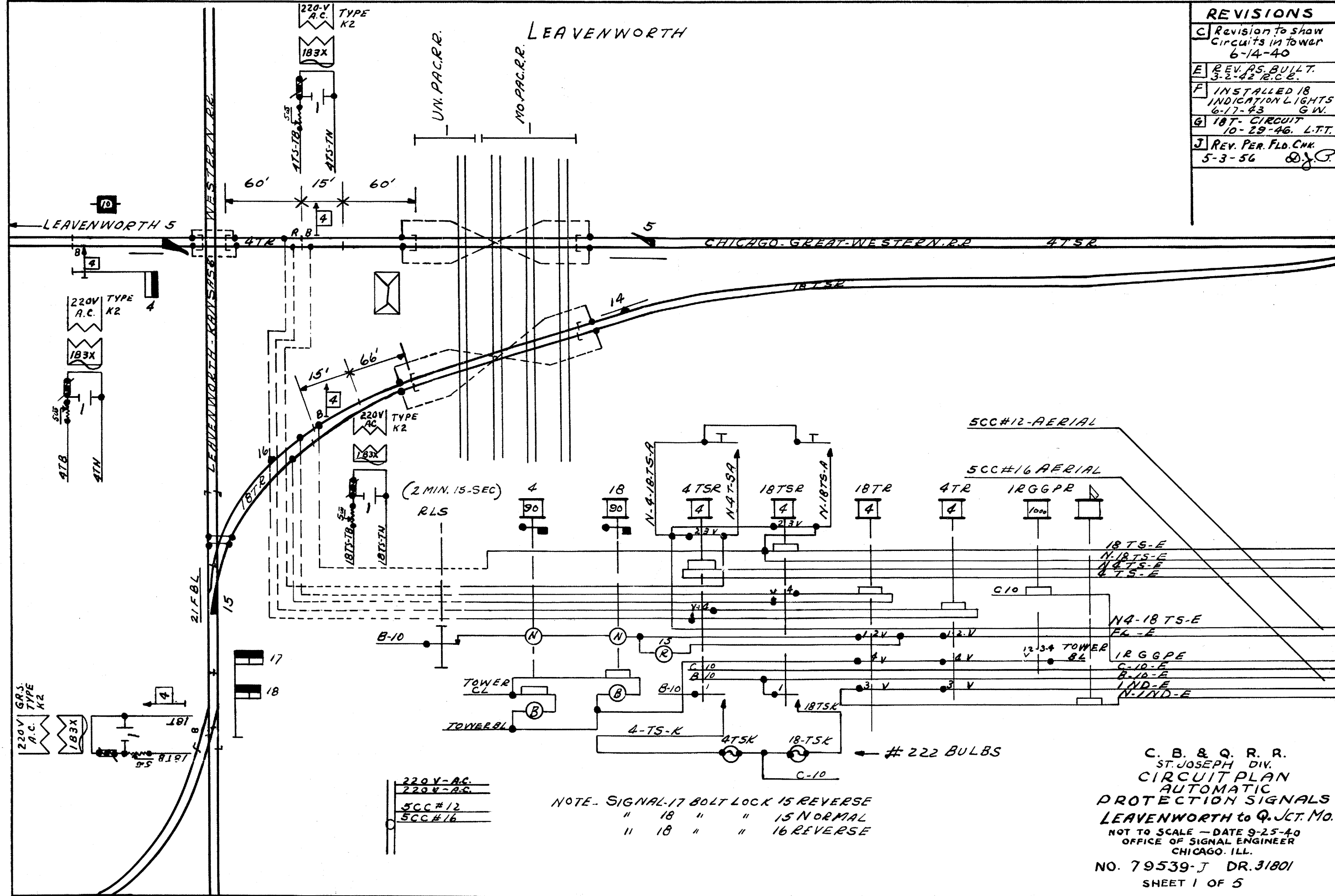
REVISIONS
A COVER SHS-2-5 10-17-40 L.T.T.
B All Sheets 10-25-40 T.W.R.Jr.
C SHS-1-2-4 6-16-41-1.F.C.
D SHT. 4 12-13-41-L.T.T.
E REV. AS BUILT 3-2-42 R.C.R.
F SHEETS 1-2-34-5 SHEET-1 G.W.
G SHEET-1 10-28-46 L.T.T.
H SHEET-1 12-1-47 L.A.S.
J REV. PER. F.L.D. CHK. 5-3-56 R.J.G.

LEAVENWORTH KAN. to Q. JCT. MO.

31801

REVISIONS	
C	Revision to show Circuits in tower 6-14-40
E	REV. AS BUILT. 3-2-42 R.C.E.
F	INSTALLED 18 INDICATION LIGHTS 6-17-43 G.W.
G	18T-CIRCUIT 10-29-46 L.T.T.
J	REV. PER. FLD. CNK. 5-3-56 <i>Q.J.G.</i>

LEAVENWORTH

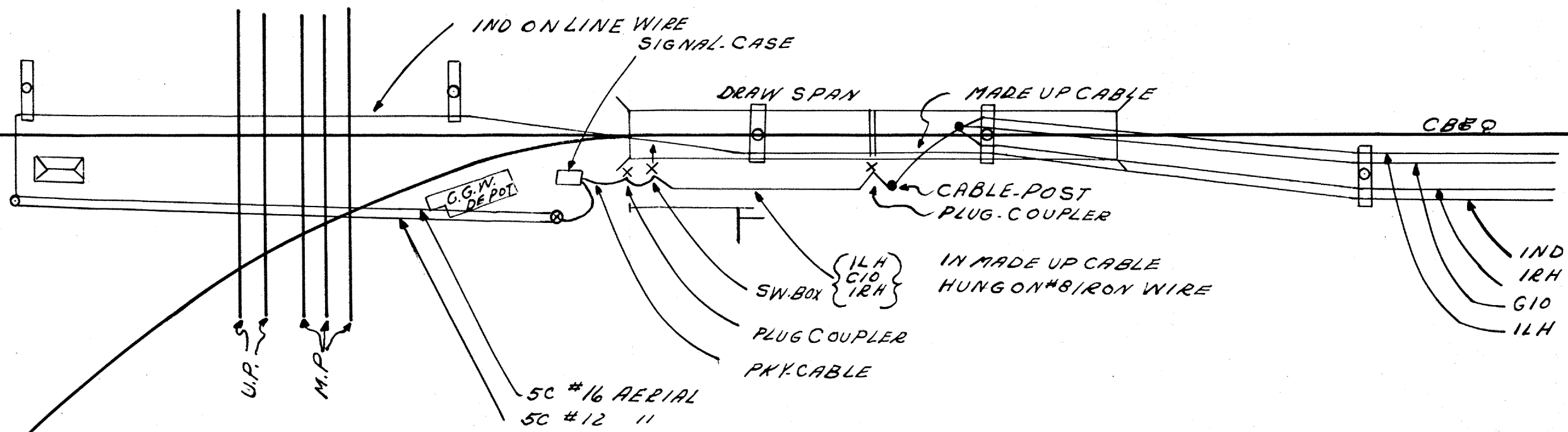


220 V-AC.
220 V-AC.
5CC#12
5CC#16

NOTE - SIGNAL-17 BOLT LOCK IS REVERSE
 " 18 " " 15 NORMAL
 " 18 " " 16 REVERSE

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 ST. JOSEPH DIV.
 CIRCUIT PLAN
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 LEAVENWORTH to Q. JCT. MO.
 NOT TO SCALE - DATE 9-25-40
 OFFICE OF SIGNAL ENGINEER
 CHICAGO, ILL.
 NO. 79539-J DR. 31801
 SHEET 1 OF 5

U.P.R.R.

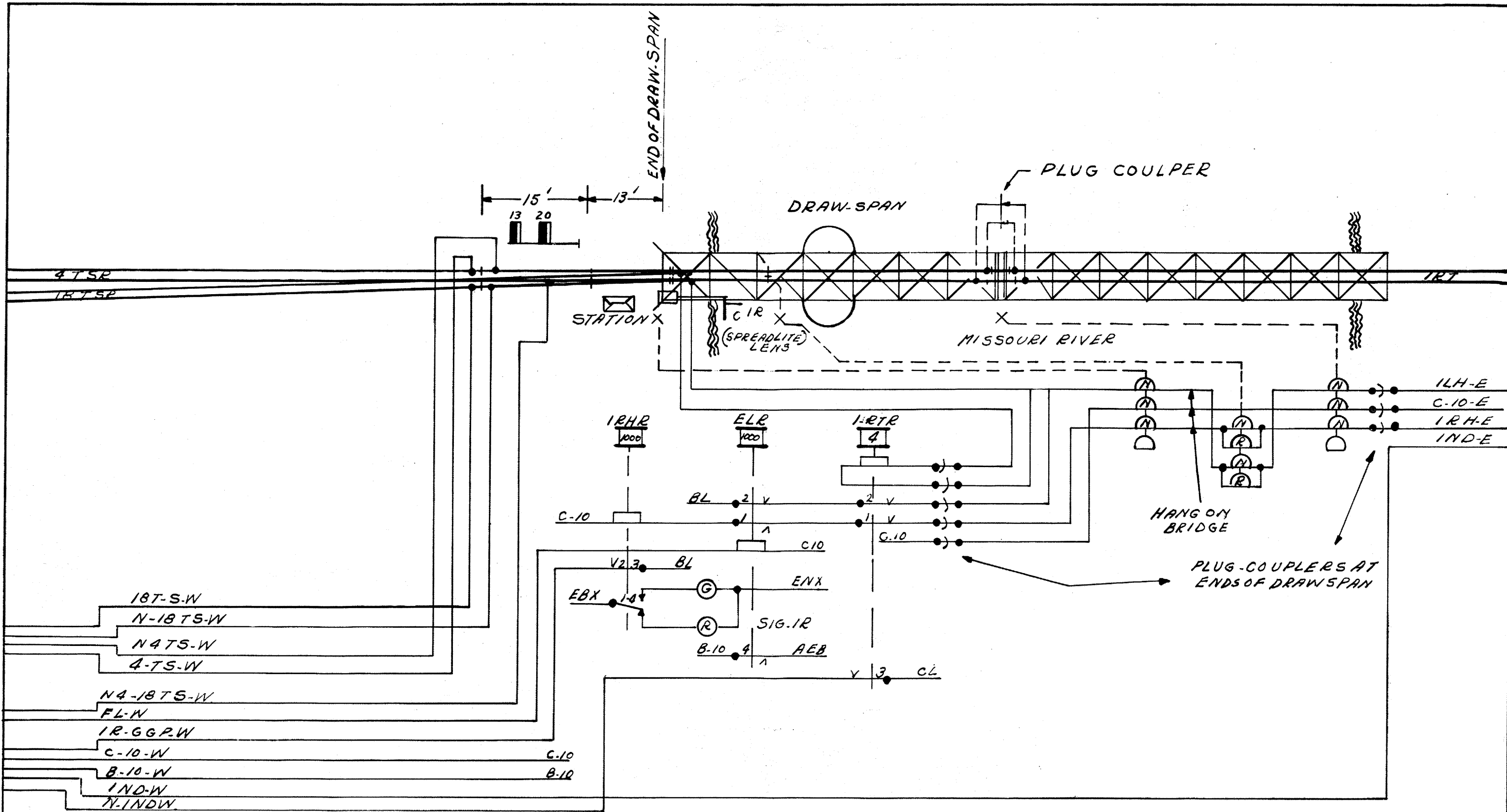


NOTE: 220 VOLTS FROM CENTER OF
DRAW SPAN TO POLE BESIDES-SIGNAL

METHOD OF INSTALLING LINE-WIRE
AND CABLE AT LEAVENWORTH, KANS.

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 SHEET-A OF 5

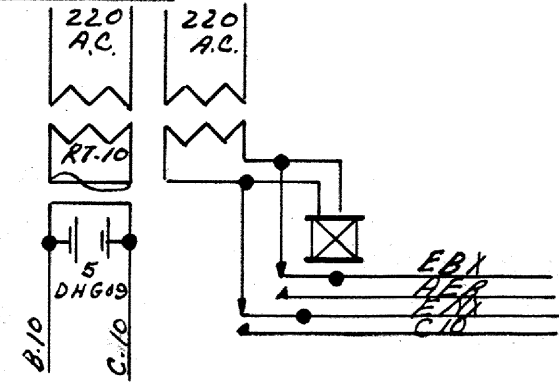
DRAWN BY *R.C.P.*
 TRACED BY *B.A.S.*
 CHECKED BY
 APPROVED BY
REVISIONS



Drawn By T. W. T. Jr.
 Traced By B. K. S.
 Checked By
 Approved By

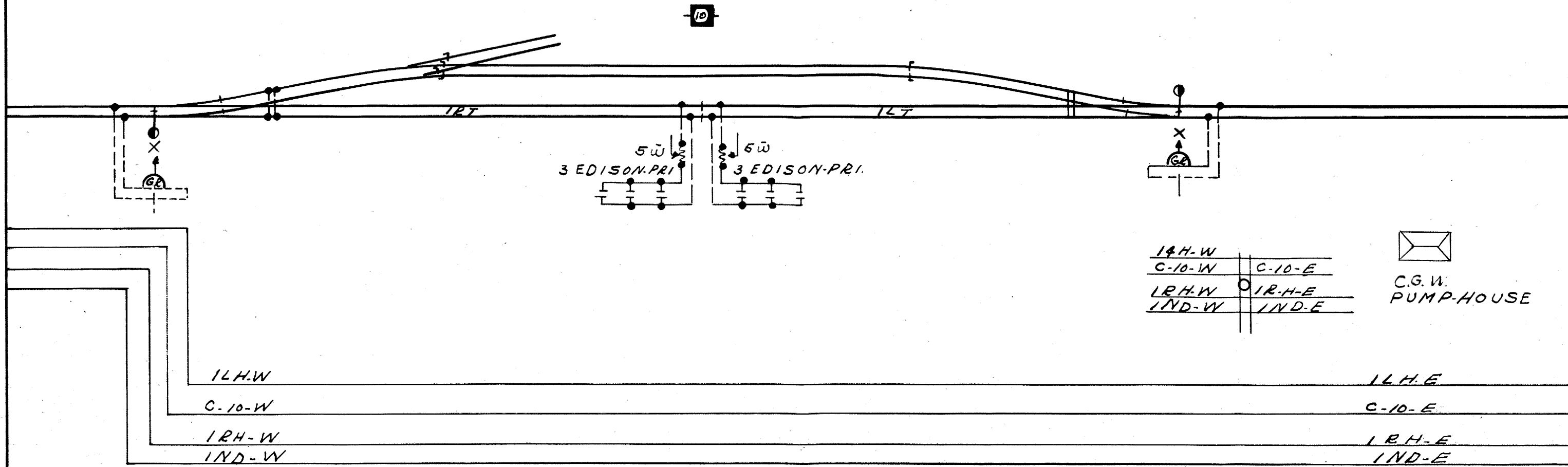
REVISIONS

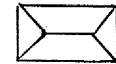
A) Plug coupler housing 10-17-40
 C) To show circuits in tower and pole line Change 6-16-41 I.F.C.
 E) REPAIRS BUILT 3-2-42 R.C.R.
 J) REV. PER. FLD. CHK. 5-3-56



	220 V-AC	FROM BRIDGE
SCC # 12	1LH-E	
SCC # 16	C-10-E	
	1RH-E	
IND-W	IND-E	

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CIRCUIT PLAN
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 NOT TO SCALE - DATE 9-25-40
 OFFICE OF SIGNAL ENGINEER
 CHICAGO, ILL.
 NO. 79539-J DR. 31801
 SHEET 2 OF 5

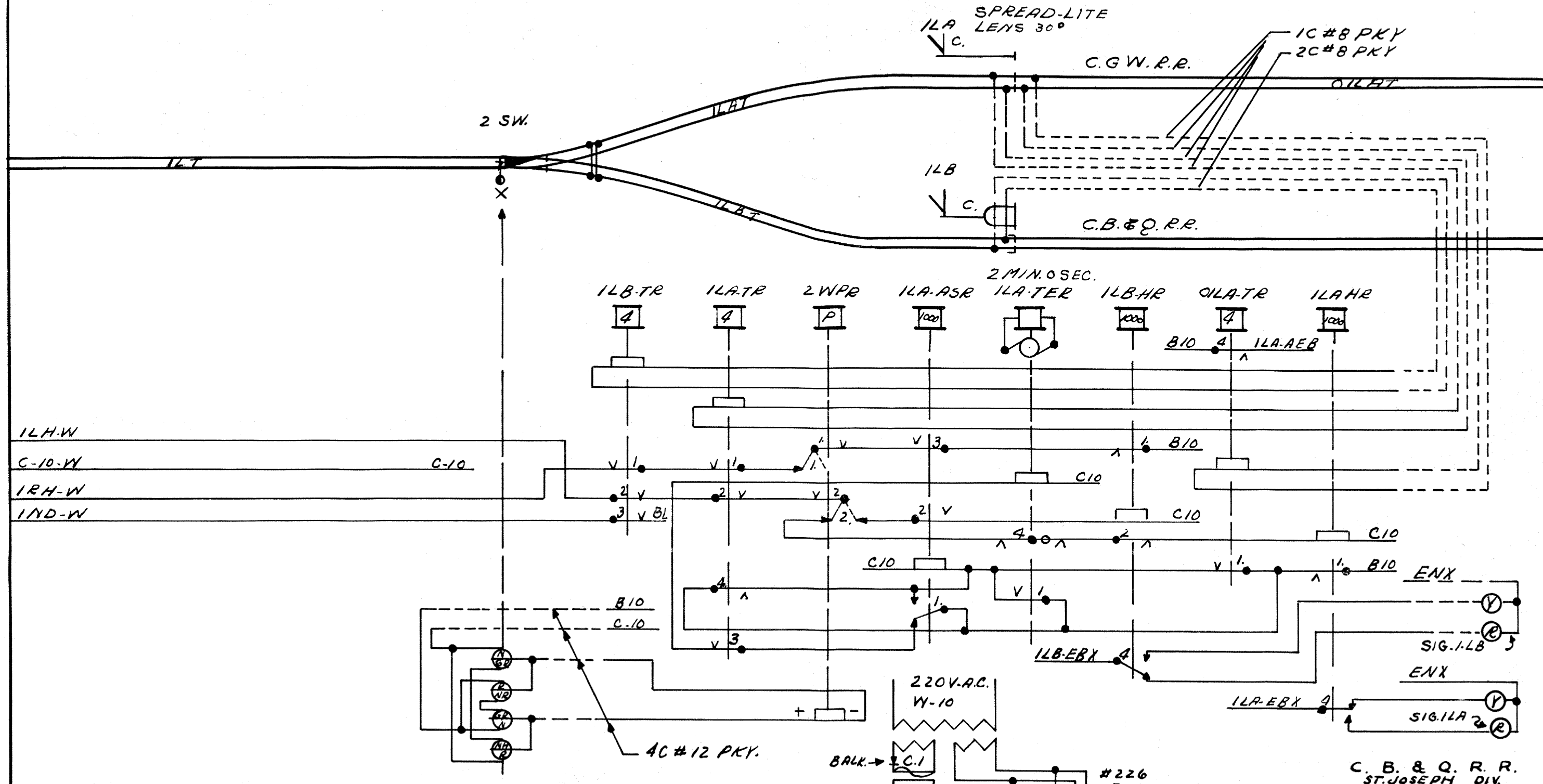


1LH-W	C-10-E	 C.G.W. PUMP-HOUSE
C-10-W	1RH-E	
1RH-W	1ND-E	
1ND-W		

Drawn By T.W.T., d.R.
 Traced By B.K.S.
 Checked By
 Approved By
REVISIONS
 B Per Field Check
 10-25-40 T.W.T., d.R.
 E REVISIONS BUILT.
 3-2-42 R.C.B.
 J REV. PER. FLD. CHK.
 5-3-56 B.J.G.

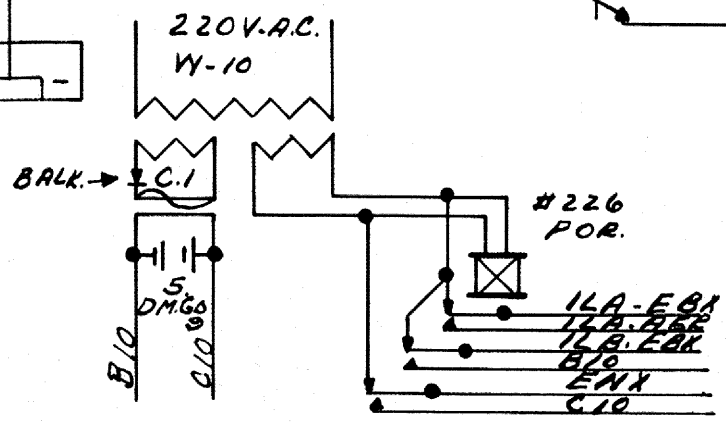
C. B. & Q. R. R.
 ST. JOSEPH DIV.
 CIRCUIT PLAN
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 PROTECTION SIGNALS
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 SHEET 3 OF 5

C.G.W. 220-V-AC. NOTE: 2000 FT. TO R.E.A. LINE
 TELE. 220-V-AC.
 LINE ← LOWER ARM

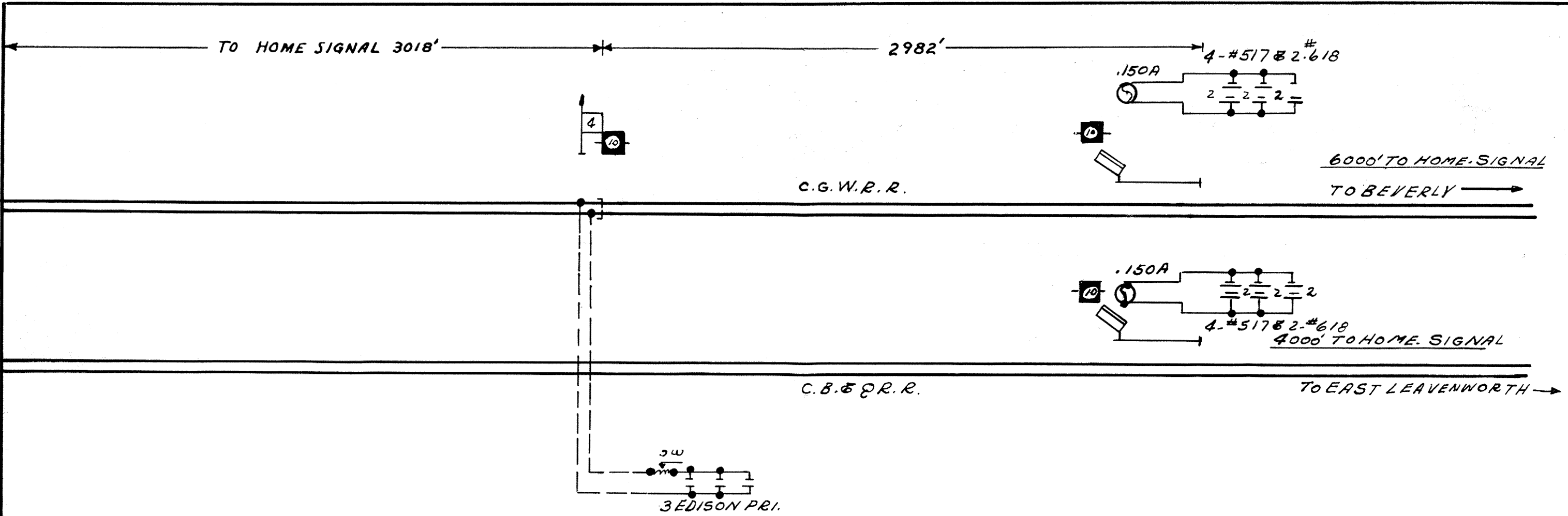


Drawn By	T. W. T. J.
Traced By	B. R. S.
Checked By	
Approved By	
REVISIONS	
C	Relocate Pole line and Case 6-16-AI-L.F.C.
D	SIGS. 1LA, 1LB MADE-R-Y 12-13-41.
E	REV. AS-BUILT 3-2-42. R.E.R.
J	REV. PER. F.L.D. CHK. 5-3-56

Q. TELE. LINE
 1LH-W
 C-10-W
 LOWER ARM.
 1RH-W
 1ND-W



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 SHEET 4 OF 5



DRAWN BY T.W.T.-clp
 TRACED BY B.K.S.
 CHECKED BY
 REVISIONS
 A AS BUILT 4-18-41
 F REV. AS BUILT
 3-2-42 B.C.R.
 J REV. PER F.L.D. CHK
 5-3-56 D.J.G.

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 SHEET 5 OF 5