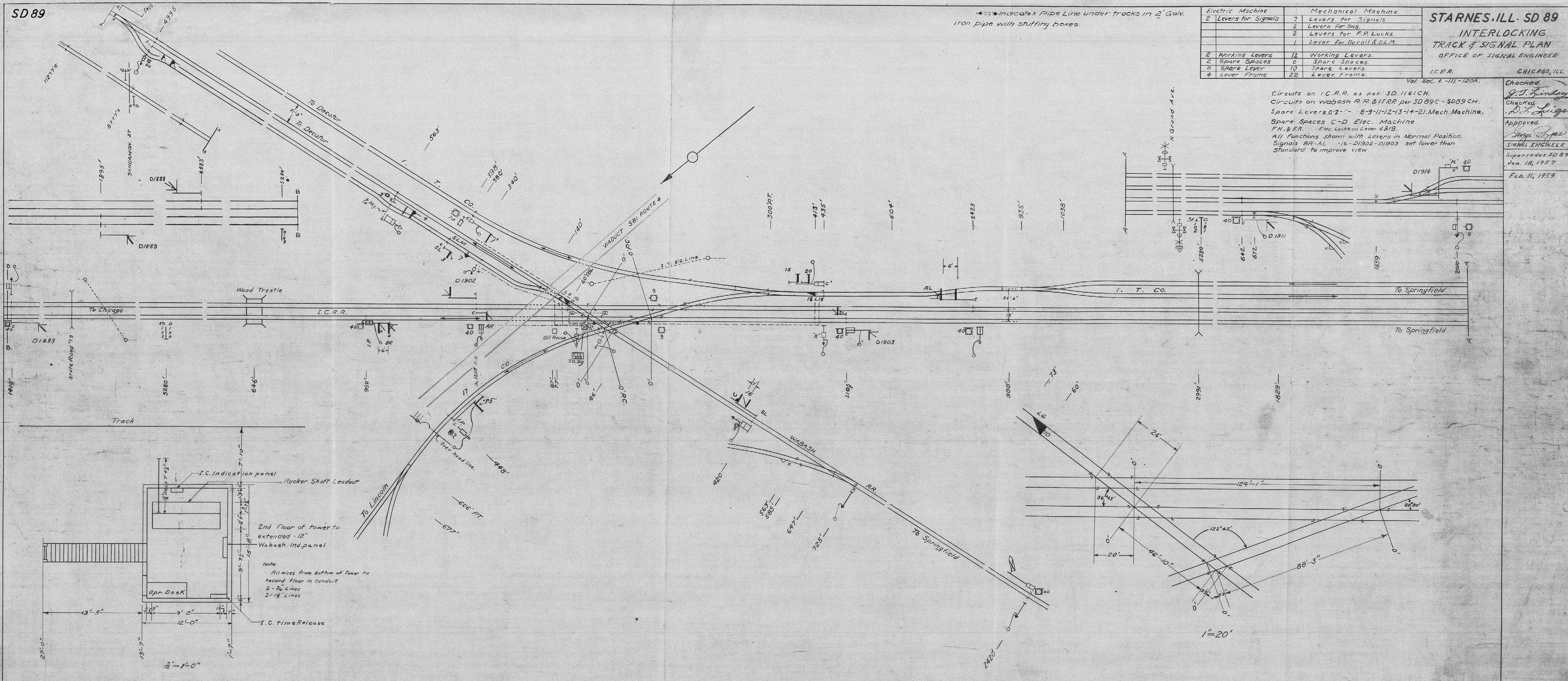


Electric Machine		Mechanical Machine
2 Levers for Signals	7	Levers for Signals.
	2	Levers for SWS.
	2	Levers for F.P. Locks.
	1	Lever for Derail & S.L.M.
2 Working Levers	12	Working Levers.
2 Spare Spaces	0	Spare Spaces
0 Spare Lever	10	Spare Levers.
4 Lever Frame	22	Lever Frame.

STARNES, ILL. SD 89
INTERLOCKING
TRACK & SIGNAL PLAN
OFFICE OF SIGNAL ENGINEER
I.C.R.R. CHICAGO, ILL.

Circuits on I.C.R.R. as per SD 1161CH.
Circuits on Washburn R.R. & I.T.R.R. per SD 89C - SD 89 CH.
Spare Levers 02- 6-9-11-12-13-14-21. Mech. Machine
Spare Spaces C-D Elec. Machine
F.N. & R. Elec. Lock on Lever 6219.
All Functions shown with Levers in Normal Position.
Signals BR-AL -16-D1902-D1903 set lower than
standard to improve view.

Checked.
J. T. Lindsay
Checked.
D. L. Luigs
Approved.
George P. [unclear]
SIGNAL ENGINEER
Supersedes SD 89
Jan. 18, 1957
Feb. 11, 1959



5.D-89-A

J. T. Lindsey
Checked:

D. L. Luigo

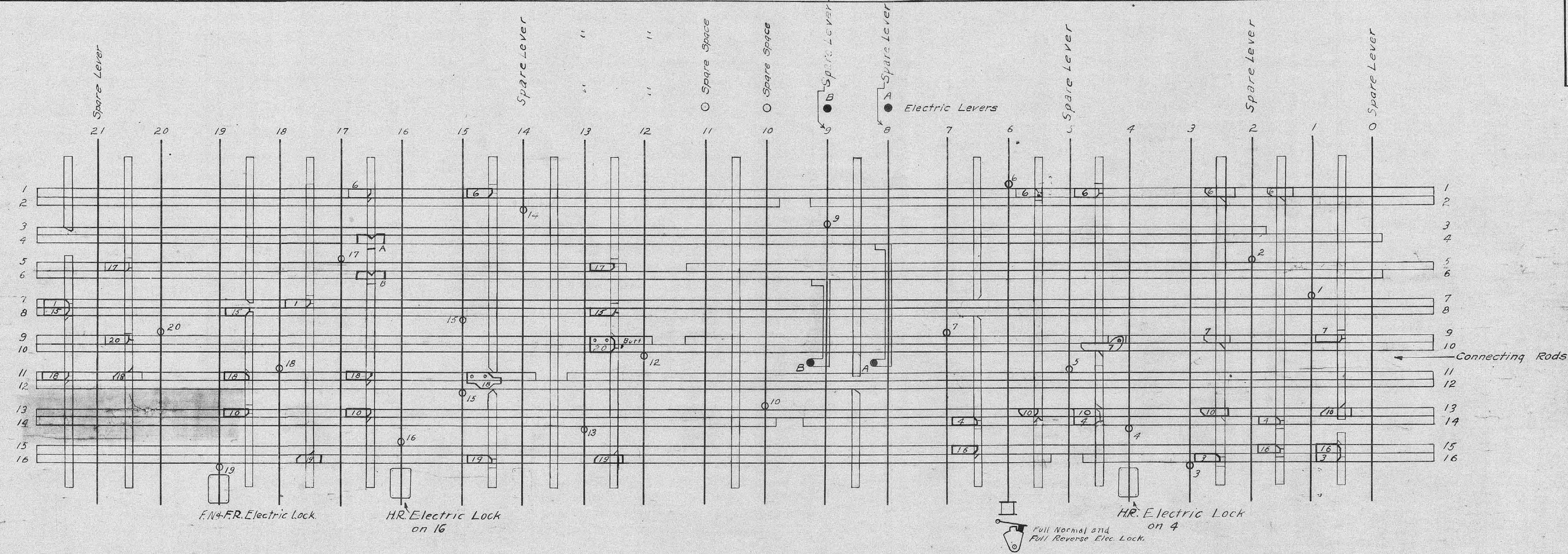
Approved: 

George T. Gas
Signal Engineer.

LOCKING SHEET
OFFICE OF SIGNAL ENGINEER.

I. C. R. R.
CHICAGO, ILL.

Lever	When	Locks
0	Spare Lever	
1		18-15 (19)
2	Spare Lever	
3		(10) (7) (6) 16
4	H.R. Electric Lock.	10-16 (6)
5	Spare Lever	
6	F.N. & F.R. ELEC LOCK.	10 (10) 18 (6W (10)x(7))
7		(10)
8	Spare Lever	
9	" "	
10		18
11	Spare Lever	
12	" "	
13	" "	
14	" "	
15		18-20- (19)
16	H.R. Electric Lock.	(6)
17		(10) 20 (18)
18		
19	F.N. & F.R. ELEC LOCK.	(18) 18
20		(19) (18)
21	Spare Lever	
AR		10-18-6
AL		10-18-6
BR		10-18-6
BL		10-18-6



Checked:
J. T. Lindsey
 Checked:
D. L. Luigo
 Approved:
George R. Rye
 Superseding
 SD89B of
 Jan. 18, 1957
 Feb. 11, 1959

Drawn by R.W.C.
 Not to Scale.

Checked:

J. J. G. Masey

D. G. Lunge

60

Signal Engineer

Jan. 18, 1957

Figure 1. The effect of the concentration of the inhibitor on the rate of polymerization of α -methylstyrene in the presence of SnCl_4 at 25°C . The concentration of α -methylstyrene was 1.0 mol/L, and the concentration of SnCl_4 was 0.01 mol/L. The concentration of the inhibitor was 0.001 mol/L (○), 0.002 mol/L (□), 0.004 mol/L (△), 0.006 mol/L (◇), 0.008 mol/L (▽), 0.01 mol/L (×), 0.02 mol/L (●), 0.04 mol/L (◐), 0.06 mol/L (◑), 0.08 mol/L (◒), 0.1 mol/L (◓).

Sept 10, 1925

1992

1942

NAME _____

100

1990

3

100

1990

100

1990

100

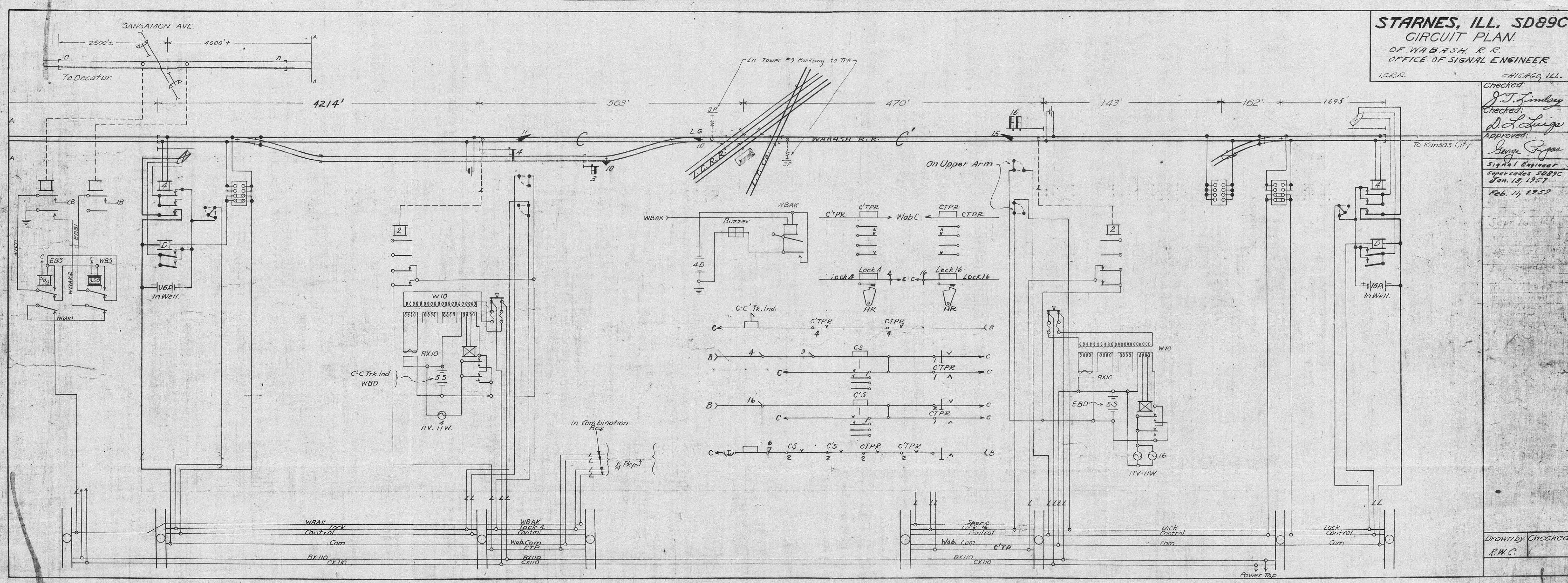
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100

Drawn by	Checked
----------	---------

[illegible]

100



CHECKED:

CHECKED:

APPROVED:

SIGNAL ENGINEER

MAR. 21, 1972

STARNES, ILL.

SD-89C

CIRCUIT PLAN

OFFICE OF SIGNAL ENGINEER

I.C.R.R.

CHICAGO, ILL.

DRAWN BY: WAD

SCALE: NONE

5280'
10'

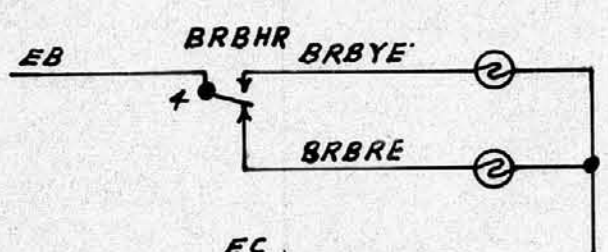
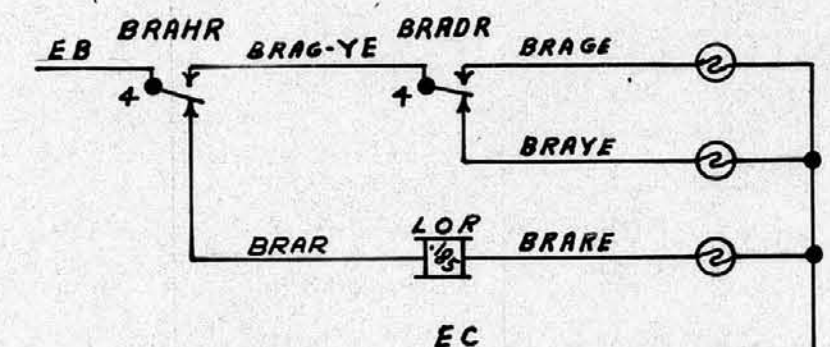
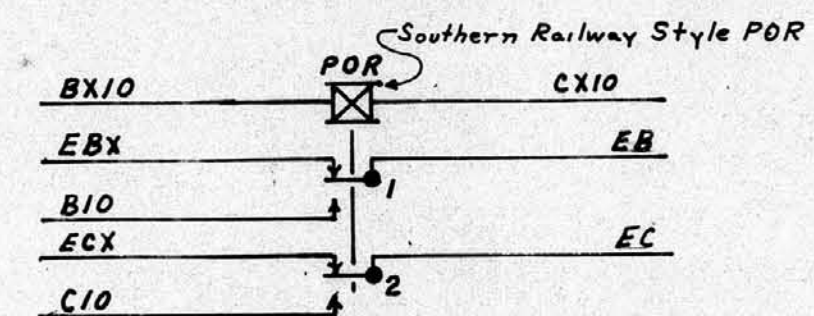
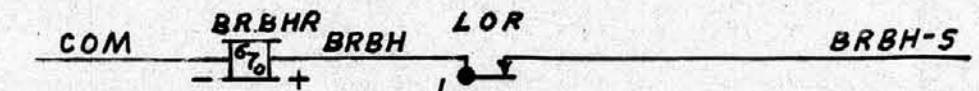
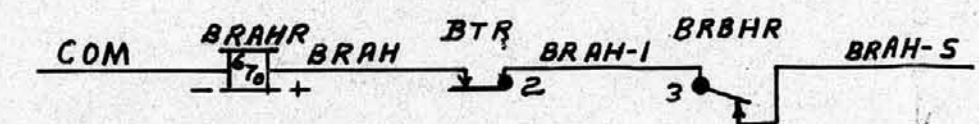
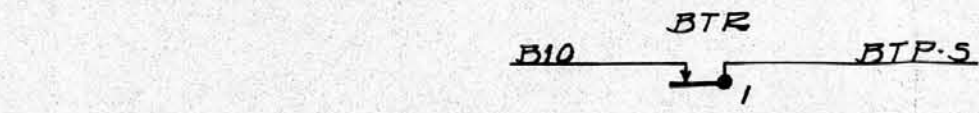
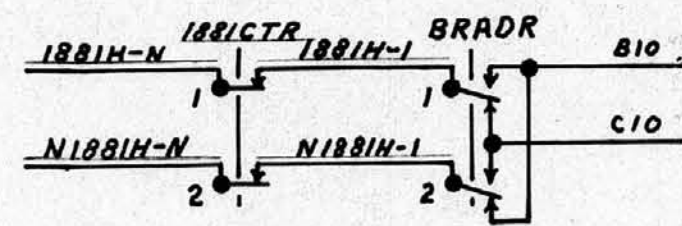
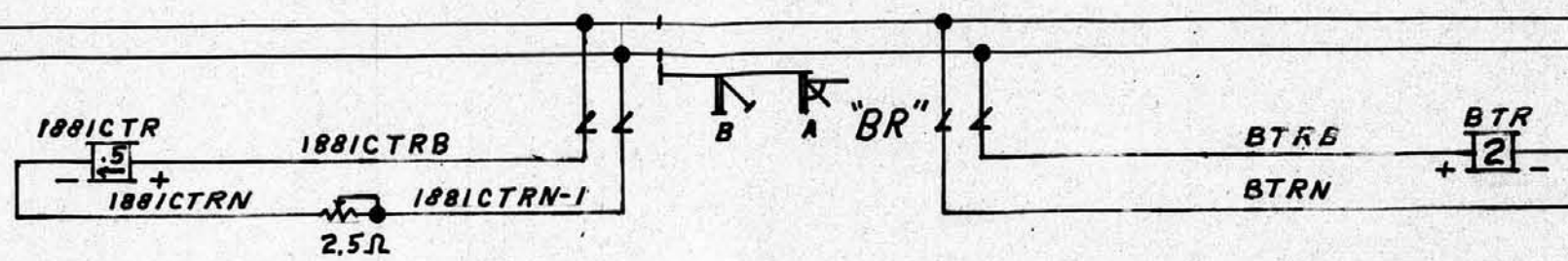
930'

1902AT

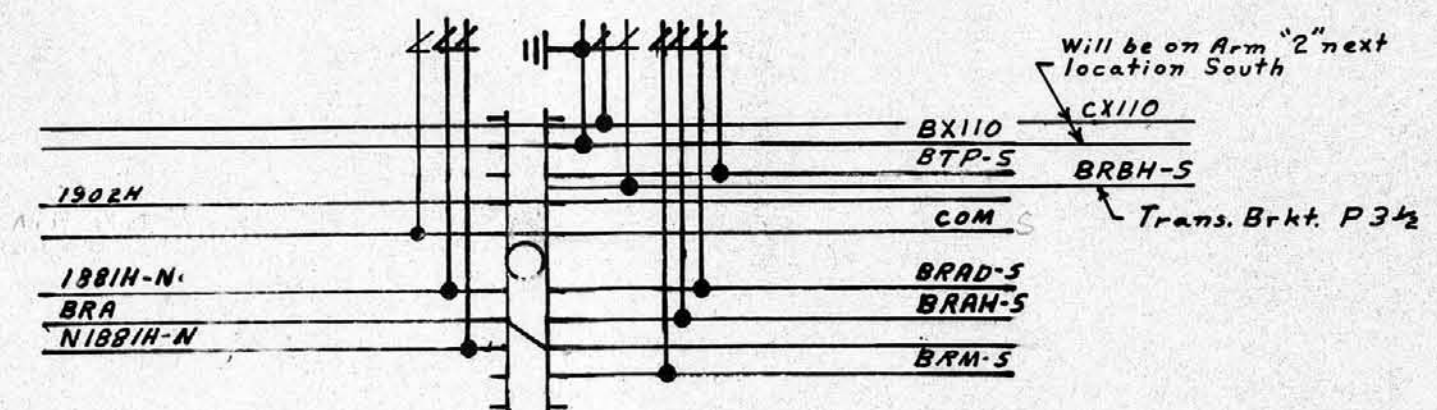
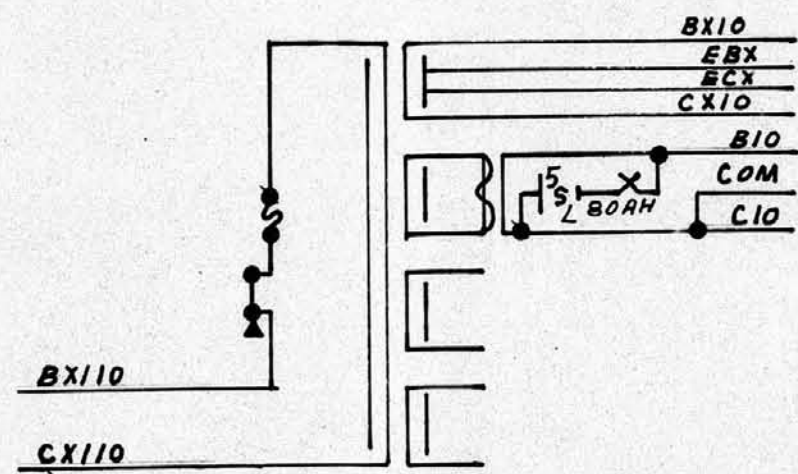
1902AT

1881CT

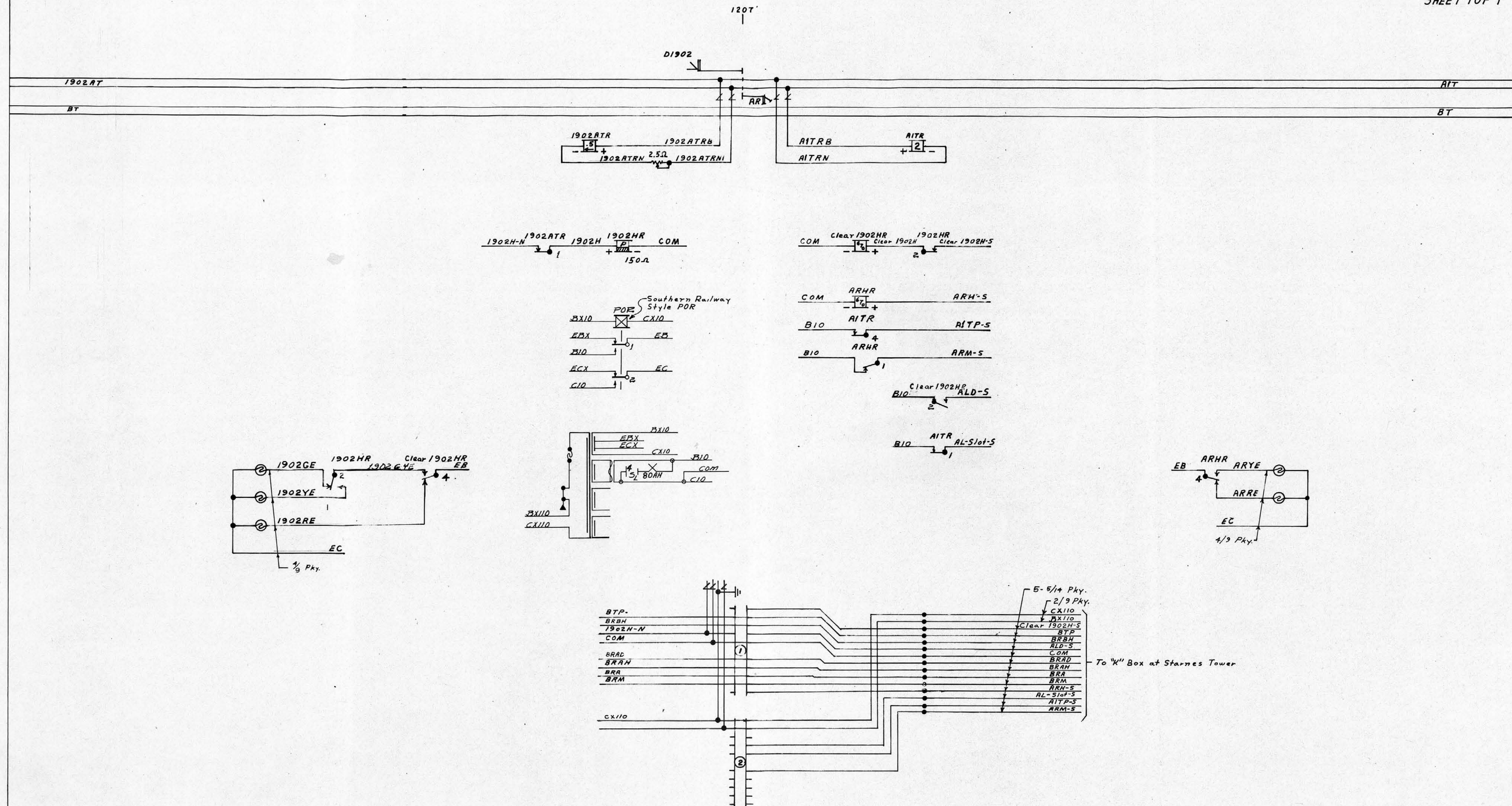
BT

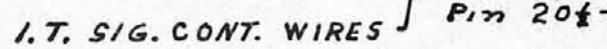
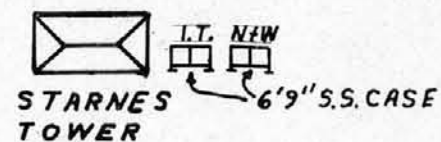


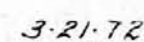
FOR CONTINUATION OF
PLANS SEE SD1161C

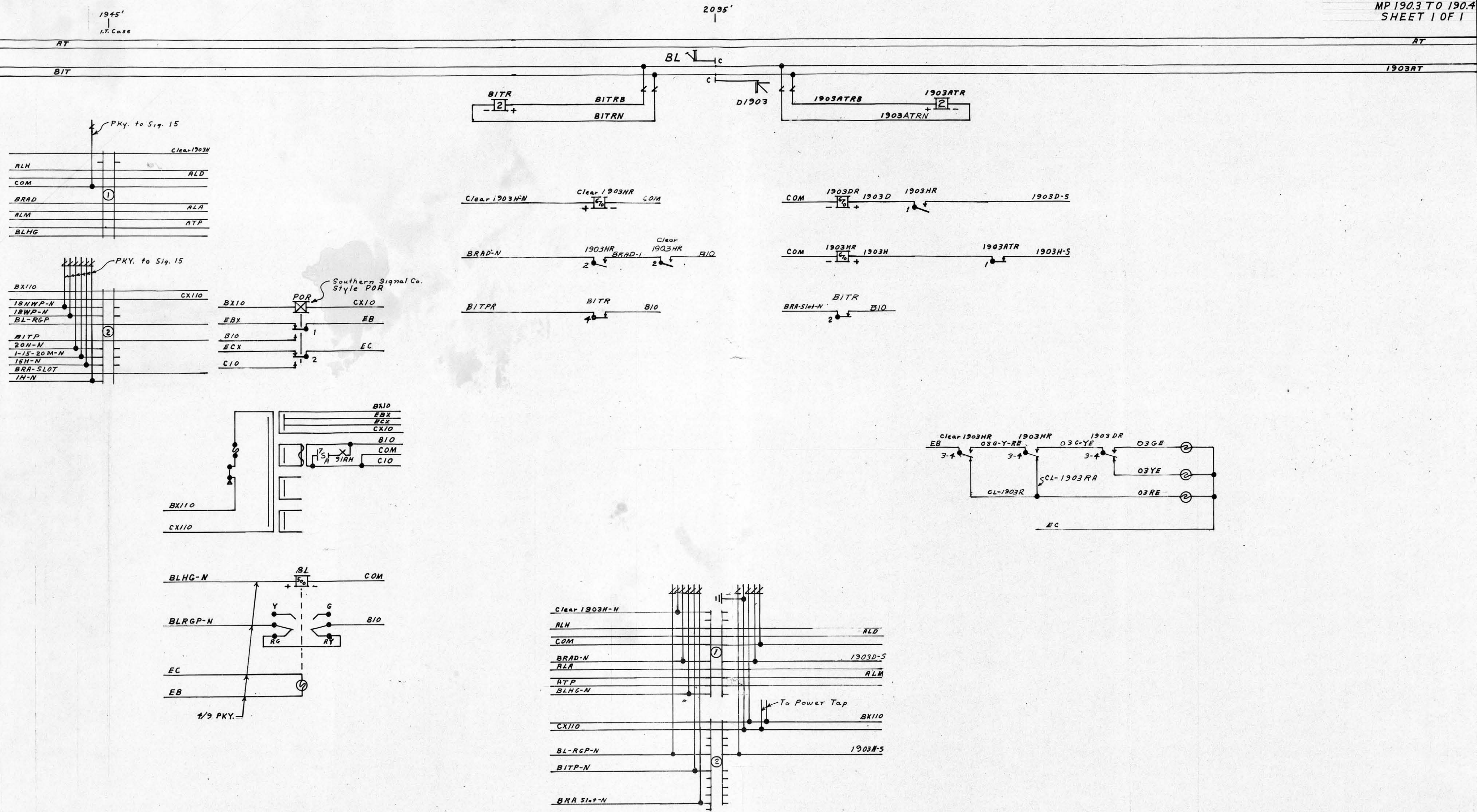


Will be on Arm "2" next
location South
Trans. Brkt. P3 1/2

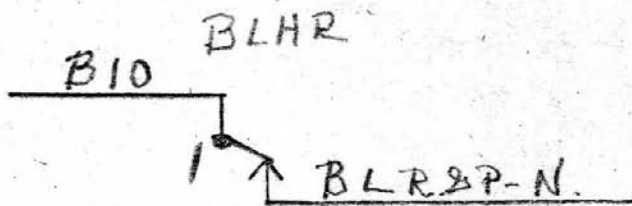
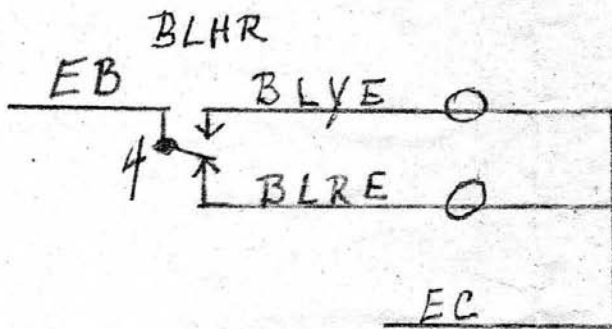
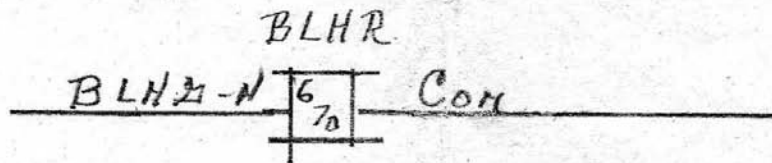






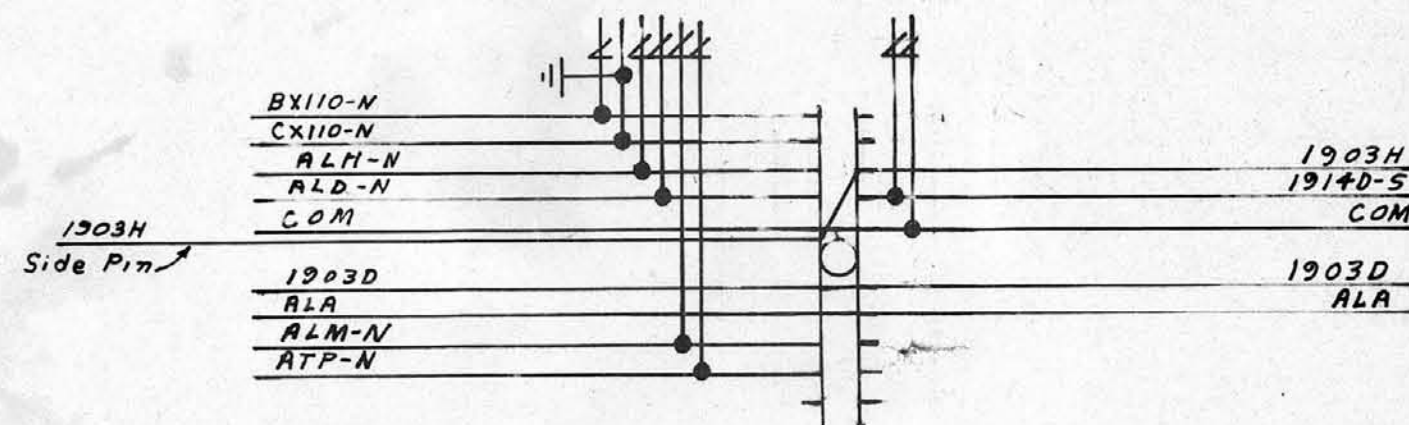
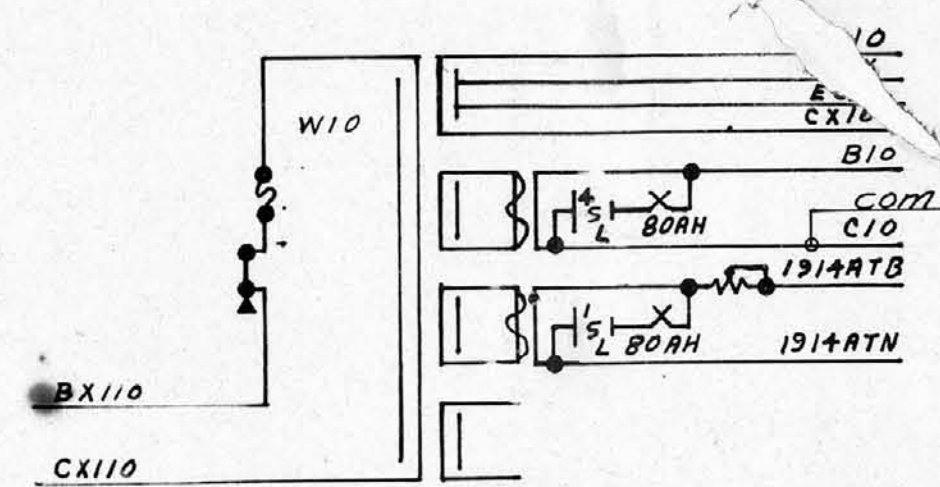
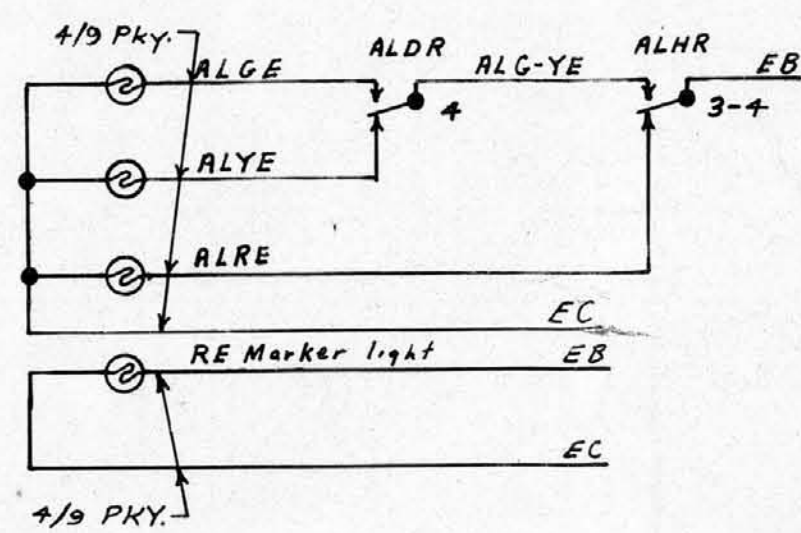
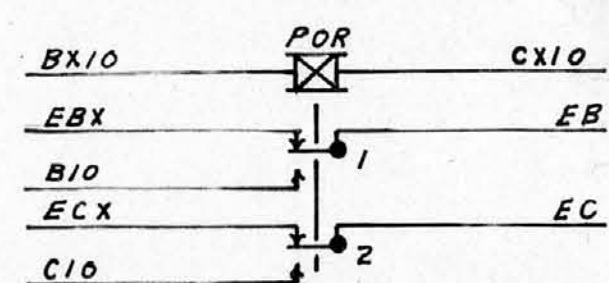
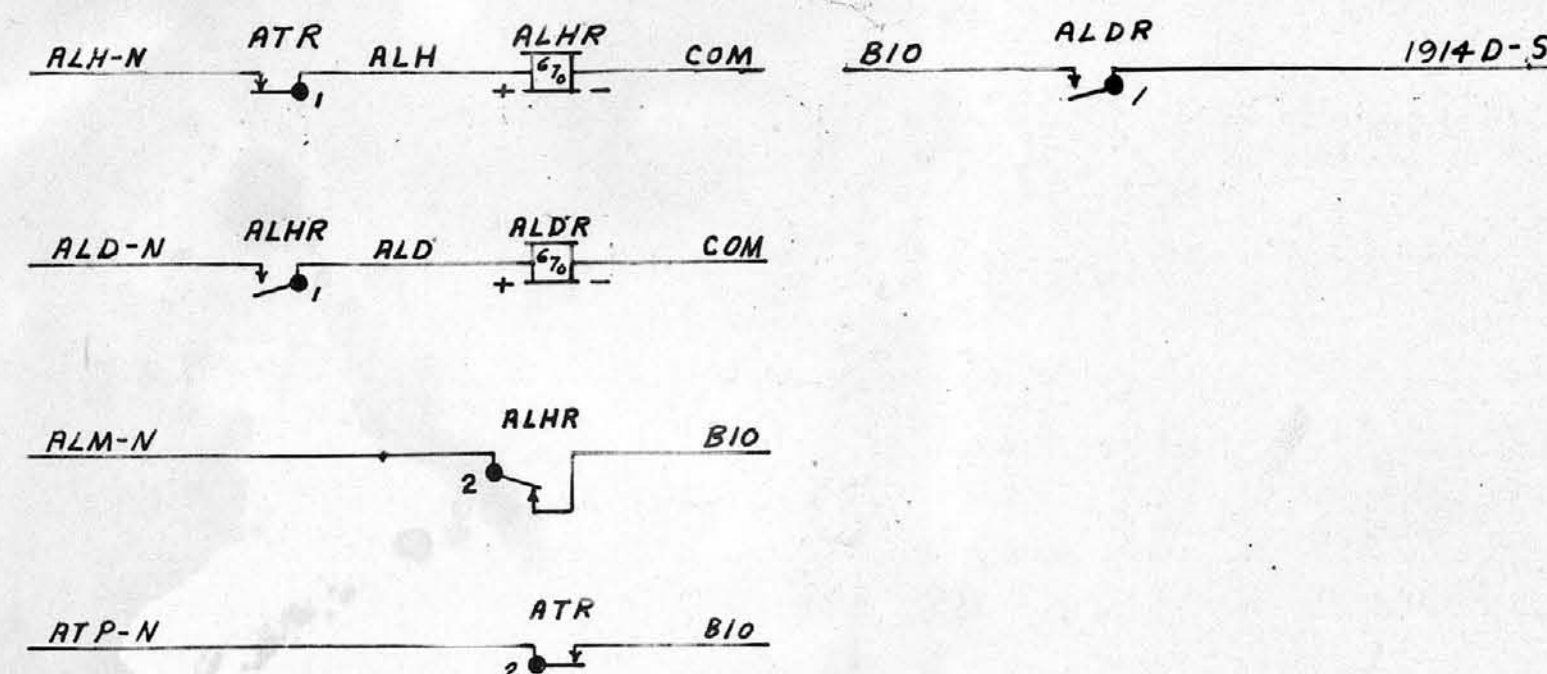


BL



1914 AT

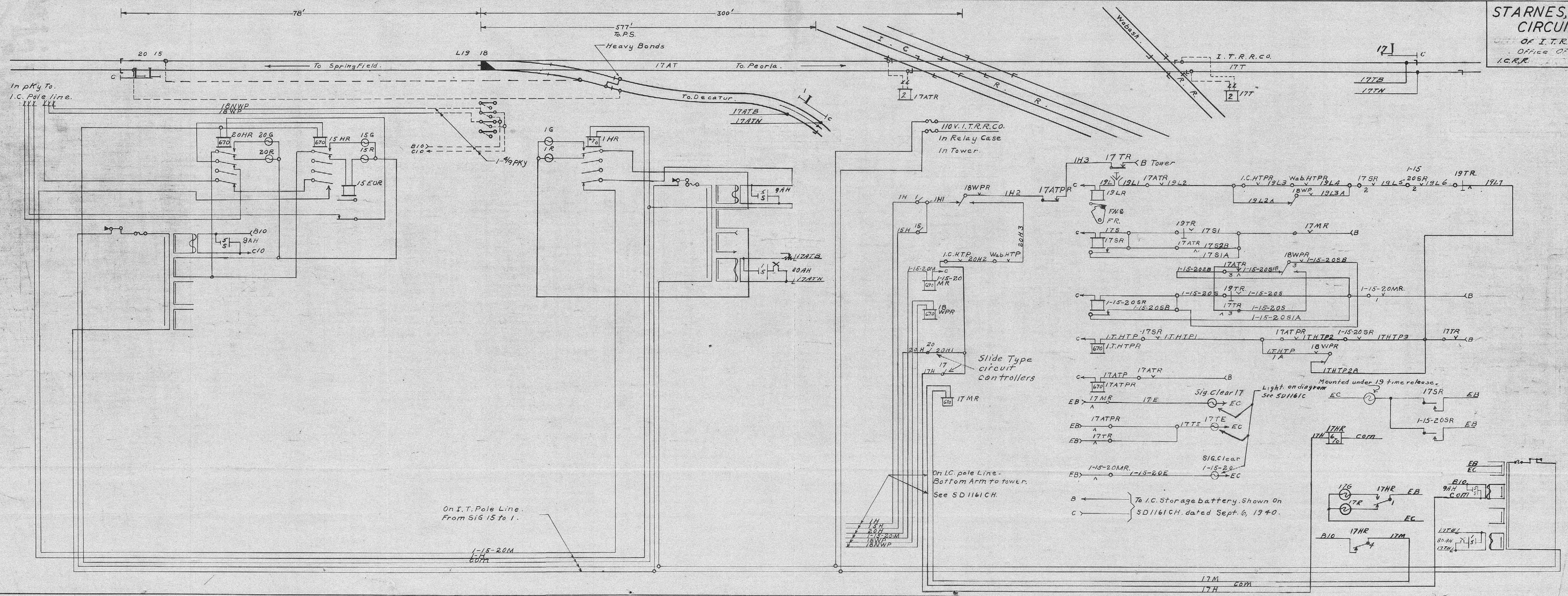
1903AT



For Continuation of Plans
See SD 116/C

STARNES, ILL. SD89 C-1 CIRCUIT PLAN OF I.T.R.R. Co. Office of Signal Engineer I.C.R.R. CHICAGO, ILL.

Checked: *J. J. Lindsey*
Checked: *D. L. Lingo*
Approved: *George P. Jones*
Signal Engineer
Supersedes SD89 C-1
Jan. 18, 1957
Feb. 11, 1959



Drawn by: R.W.C.
Not. to Scale.

Indicates pipe line under tracks in 2" Galv. Iron pipe with stuffing boxes. Layed in concrete.

STARNES, ILL. SD-89-E

LEADOUT PLAN
OFFICE OF SIGNAL ENGINEER.

I.C.R.R. CHICAGO, ILL.

Checked:
J. T. Lindley
Checked:
P. J. Lingo
Approved:
Super Engineer
This plan Super-
sedes SD89E
Dated Jan 18, 1957
Feb. 16, 1959

