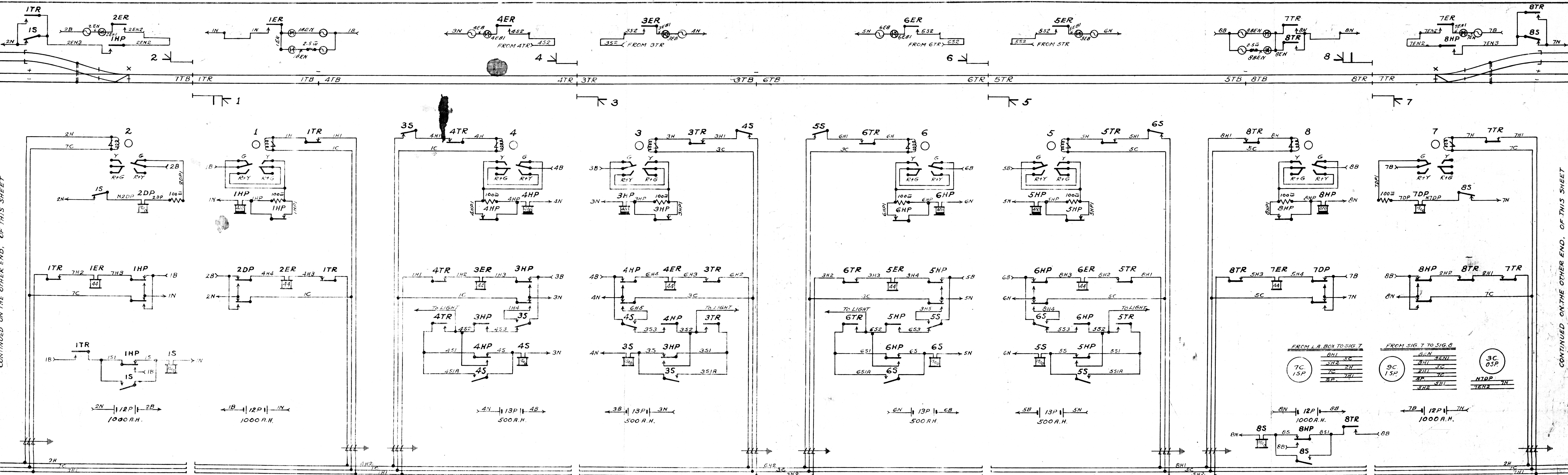


NOTES:
 THIS SCHEME TO BE USED ONLY WHERE THERE ARE TWO OR MORE INTERMEDIATE LOCATIONS. FOR ONE INTERMEDIATE LOCATION, SEE SHEET 2.
 HEAD BLOCK SIGNALS ARE LOCATED 45 FEET AHEAD OF SWITCH POINTS.
 TRACK BATTERIES, AT CUT SECTIONS, ARE CENTRALLY LOCATED, BETWEEN INTERMEDIATE SIGNALS AND 1500 FEET IN ADVANCE OF HEADBLOCK SIGNALS.
 TRACK RELAYS, FOR PASS TRACK CIRCUITS, ARE LOCATED AT THE NORTH, OR EAST END, OF PASS TRACKS, UNLESS SPECIAL CONDITIONS WARRANT LOCATING THEM AT THE SOUTH OR WEST END.
 SIGNALS ARE THE U.S. & S. CO. STYLE "H" SEARCHLIGHT TYPE. SEE INSTRUCTION PAMPHLET U-

AND 1500 FEET IN ADVANCE OF HEADBLOCK SIGNALS.
 TRACK RELAYS, FOR PASS TRACK CIRCUITS, ARE LOCATED AT THE NORTH, OR EAST END, OF PASS TRACKS, UNLESS SPECIAL CONDITIONS WARRANT LOCATING THEM AT THE SOUTH OR WEST END.
 SIGNALS ARE THE U.S. & S. CO. STYLE "H" SEARCHLIGHT TYPE. SEE INSTRUCTION PAMPHLET U-

SIGNAL LAMPS ARE 6VOLT, 5 WATTS, 5-11 BULB, CANDELABRA BAYONET BASE, C-2 FILAMENT, SINGLE CONTACT, PRECISION TYPE AND ARE BASED WITH FILAMENTS ACCURATELY LOCATED, WITH RESPECT TO THE PINS IN THE BASE. A 12 OHM ADJUSTABLE RESISTANCE UNIT IS USED IN THE LIGHTING CIRCUIT.
 TRACK RESISTANCE UNITS ARE 1.2 OHMS.

LINE CIRCUITS ARE PROTECTED BY R.R. SUPPLY CO. TYPE 20 ARRESTERS, IN STILES 20-WAY ARRESTER BOXES. SIGNAL NUMBERS SHOWN ARE ARBITRARY, AND TAGGING, IN THE FIELD, MUST CONFORM TO THE ACTUAL NUMBER OF THE SIGNAL INVOLVED.
 ALL TRACK RELAYS ARE 4W.Q.A., OTHER RELAYS AS SHOWN.

EAST RAIL IS POSITIVE AT ALL PASS TRACKS.
 WEST RAIL IS POSITIVE BETWEEN ALL PASS TRACKS.

A. C. L. RR.

TYPICAL CIRCUITS FOR A.P.B. SIGNALING WITH SEARCHLIGHT SIGNALS

Supt. Signals Office
 Approved
 Wilmington, N. C.

Drawn E.J.S.
 JUNE 27, 1930

Scale
 Traced

E-1120

SHEET 1 OF 4 SHEETS

LT. CAT. REVISED
 Jan. 10, 1933.

TRACK RELAYS MADE
 QUICK ACTING
 FEB. 20, 1931.

ALL RES. UNITS NOW
 1000. CONTACT SHOWN
 ADDED TO H.P. RELAYS
 MARCH 2, 1931.

THERMAL RELAYS
 REMOVED
 FEB. 24, 1931.

STICK CONTROL AND
 HEAD BLOCK LIGHT-
 ING CHANGED
 DEC. 5, 1930.

ENTRANCE SIGNAL D.P.
 RELAYS REVISED TO
 WPA'S LETTER OF
 OCT. 27, 1930.

REV. TO SHOW BATTERY IN-
 STEAD OF NEGATIVE FOR
 LIGHTING CIRCUITS OF
 LOCATIONS 3, 4, 5 AND 6
 OCT. 20, 1930.

SHEET 3 CHANGED TO
 E-1122.
 AUG. 20, 1930.

REV. TO SHOW 13 CELLS
 OF BATTERY AT ALL
 LOCATIONS 3, 4, 5 AND 6
 AUG. 4, 1930.

REV. ACCORDING TO MARKED
 PRINT AND U.S. & S. CO. LET-
 TER OF FEB. 18, 1930.
 JULY 21, 1930.

REV. ACCT. CHANGE IN
 LIGHTING CIRCUITS OF
 LOCATIONS 3, 4, 5 AND 6
 JULY 10, 1930.

Revisions



SHEET 2 OF 4 SHEETS