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by Derrick J. Brashear (shadow@dementia.org)**



Distribute Freely

NO. 207

SIGNAL CHART

PENNSYLVANIA RAILROAD
CENTRAL REGION

PITTSBURGH DIVISION

MAIN LINE

SCALE: - 1 INCH = 500 FT. (THRU INT. LIMITS)
1 INCH = 1 MILE (AUTOMATIC SECTION)

OFFICE SUPR. TELEGH. & SIGNALS
PITTSBURGH, PA.

CORRECT TO

JUNE 15 1954

Power Line - 60 ~				Power Line - 60 ~			
Territory	Loc. of Line	Type of Line	Voltage	Territory	Loc. of Line	Type of Line	Voltage
Slope - W	S.S.	No. 4 HDWP	440	R-Swissvale Station	N.S.		440
W - Br 2658	N.S.		440	Swissvale - WK	S.S.	No. 4 HDWP	440
SO Interlocking	S.S.		440	E.B.H. "WK" - WK Tower	S.S.	No. 6 R.C. in Trunk.	110
SO - MR 267	S.S.	No. 6 Unqd. Trunking	440	E.B.H. "WK" - Braddock Ave.	N. of #2 Trk	8 - 14 Wires in Duct	110
MR 267 - 2000 W. of Br 2702	N.S.		440	Braddock Ave. - CM	Irrag. Duct	6 - 4 Cond. L. Duct	4400
2000 W. of Br 2702 - Br 2710	S.S.		440	CM - 32nd St.	S.S.		4400
Br 2710 - W.B.H. "AO"	N.S.		440	32nd St. - UF	Irrag.	No. 0 HDWP	4400
W.B.H. "AO" - E.B.H. "AO"	S.S.	No. 6 Lead Cable - Aerial	440	UF - Power Plant	N. Bdg. Tun.	6 - 4 Cond. L. Cab.	4400
E.B.H. "AO" - Cph. Station	N.S.		440				
Cph. Station - W.B.H. "C"	N.S.		3300				
W.B.H. "C" - E.B.H. "C"	S.S.		3300				
E.B.H. "C" - Br 2744	N.S.	No. 6 L. Cab. - Aer.	3300				
Br 2744 - Br 2752	Irrag.	No. 6 U.G. Trunk.	3300				
Br 2752 - Bradd St. Sub. Sta.	S.S.	No. 6 L. Duct Line	3300				
Bradd St. Sub. Sta. - SQ	S.S.	No. 6 L. Cab. - Aer.	440				
SQ - Br 2632	N.S.	No. 6 U.G. Trunk.	440				
Br 2632 - JD	S.S.	No. 2 HDWP	440				
JD - Br 2964	S.S.		3300				
Br 2964 - Br 2992	N.S.	No. 6 Lead Cable - Aerial	3300				
Br 2992 - BH	S.S.		3300				
BH - 900' E. of Hillside	N.S.		3300				
900' E. of Hillside - Derry	N.S.		3300				
Derry - Br 3090	N.S.	No. 4 U.G. Trunk.	3300				
Br 3090 - KR	N.S.	No. 4 U.G. Trunk.	3300				
KR - SW	N.S.	No. 6 L. Cab. - Aer.	3300				
SW - W.E. Radabaugh Tun.	N.S.	No. 6 HDWP	440				
W.E. Radabaugh Tun. - SZ	S.S.	No. 6 Lead Cable - Aerial	4400				
SZ - UU	N.S.		110				
UU - R	N.S.	No. 4 HDWP	440				

Power Line - 10			
Territory	Loc. of Line		
Slope - Br 2546	S.S.		No
Br 2546 - SO	S.S.		No
SO - AO	S.S.		No
AO - 1000' W. of Br 2722	S.S.		No
1000' W. of Br 2722 - C	N.S.		No
C - E.B.H. "C"	N.S.		No
E.B.H. "C" - Br 2744	N.S.		No
Br 2744 - Br 2762	S.S.		2
Br 2762 - SQ	S.S.		No
SQ - JD	S.S.		No
Sang Hollow Ext.	S.S.		No
JD - BH	S.S.		No
BH - DR	N.S.		No
W.B.H. "DR" - E.B.H. "DR"	N.S.		No
DR - KR	N.S.		No
KR - SW	N.S.		No
SW - E.E. Radabaugh Tun.	N.S.		No
E.E. Radabaugh Tun. - SZ	S.S.		No
SZ - Swissvale	N.S.		No
Swissvale - WK	S.S.		No
WK - 32nd St.	TAT Duct		2
32nd St. - BU	S.S.		No

Power Line - 100~		
Territory	Loc. of Line	Type of Line
Slope - Br. 2546	S.S.	No. 4 HDWP
Br. 2546 - 50	S.S.	No. 2 HDWP
50 - 7A0	S.S.	No. 4 HDWP
A0 - 1000' W. of Br. 2722	S.S.	No. 4 HDWP
1000' W. of Br. 2722 - C	N.S.	No. 4 HDWP
C - E.B.H. "C"	N.S.	No. 4 - 2 Cond. Parkway
E.B.H. "C" - Br. 2744	N.S.	No. 4 HDWP
Br. 2744 - Br. 2762	S.S.	2 Cond. Lead Cable in Duct
Br. 2762 - 5G	S.S.	No. 4 HDWP
5G - JD	S.S.	No. 2 HD bare
Sang Hollow Ext.	S.S.	No. 2 HD bare
JD - BH	S.S.	
BH - DR	N.S.	
W.B.H. DR - E.B.H. "DR"	N.S.	
DR - KR	N.S.	
KR - SW	N.S.	No. 4 HDWP
SW - E.E. Radebaugh Tun.	N.S.	
E.E. Radebaugh Tun. - 5Z	S.S.	
5Z - 5wissvala	N.S.	
5wissvala - WK	S.S.	
WK - 32 nd St.	T&T Duct	2 nd Wires in 30 Cond. Cable
32 nd St. - BU	S.S.	No. 4 HDWP

Emergency Power Taps			
Location	Voltage	Territory Supplied	Power Company
SLOPE	2200-440	SLOPE - GY	P.R.R.
GY	2200-440	GY - AR	Penn Edison Co.
W	220-440	NY-50	Penn Central Co.
50	220-440	A0-W	Penn. Electric Co.
5G	220-440	5G-JD	Penn. Electric Co.
BH	2200-3300	JD-DR	West Penn Co.
KR	2200-3300	KR-DR	West Penn Co.
SW	2200-4400	SW-5Z	West Penn Co.
5Z	2200-4400	5Z-SW	P.R.R.
R	220-440	UU-WK	Dug. Light Co.
CM	110	CM	Dug. Light Co.
DV	110	DV	Dug. Light Co.
Pgh. Term. 21 st Case 710	2200-3300	Entire Yard	Dug. Light Co.

PGH. YARD - "US" - 15th Tr. G.F. Davis

PGH. YARD — "US" — 1st Tr. G.F. DAVIS

UF — 1st Tr. H.A. REICHHOLTZ — 2nd Tr. J.F. GENTIL
3rd Tr. A.F. RAJACKI
BU — 1st Tr. C.E. EILNER — 2nd Tr. C.J. LUTHER
3rd Tr. C.A. BROOK

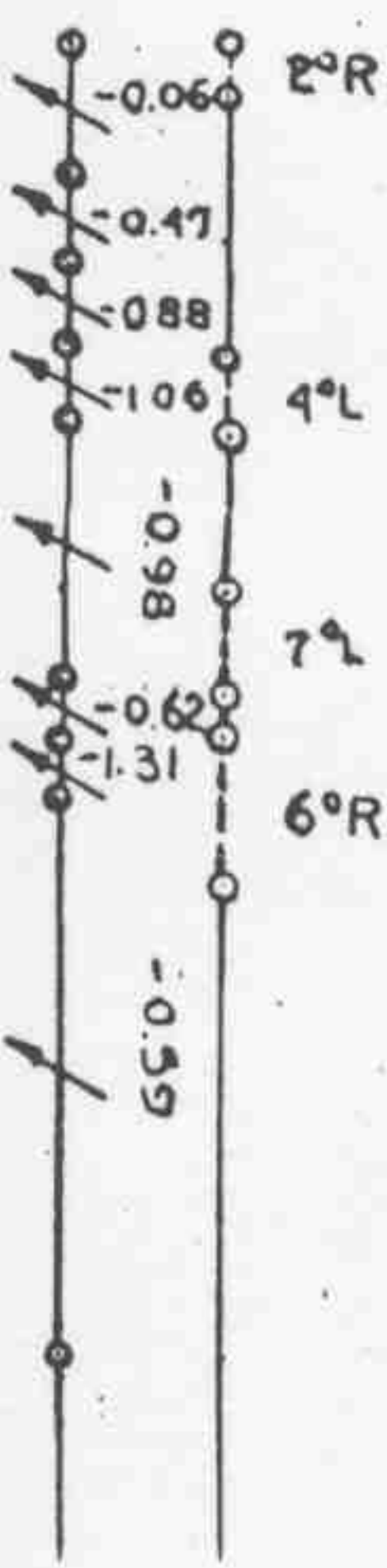
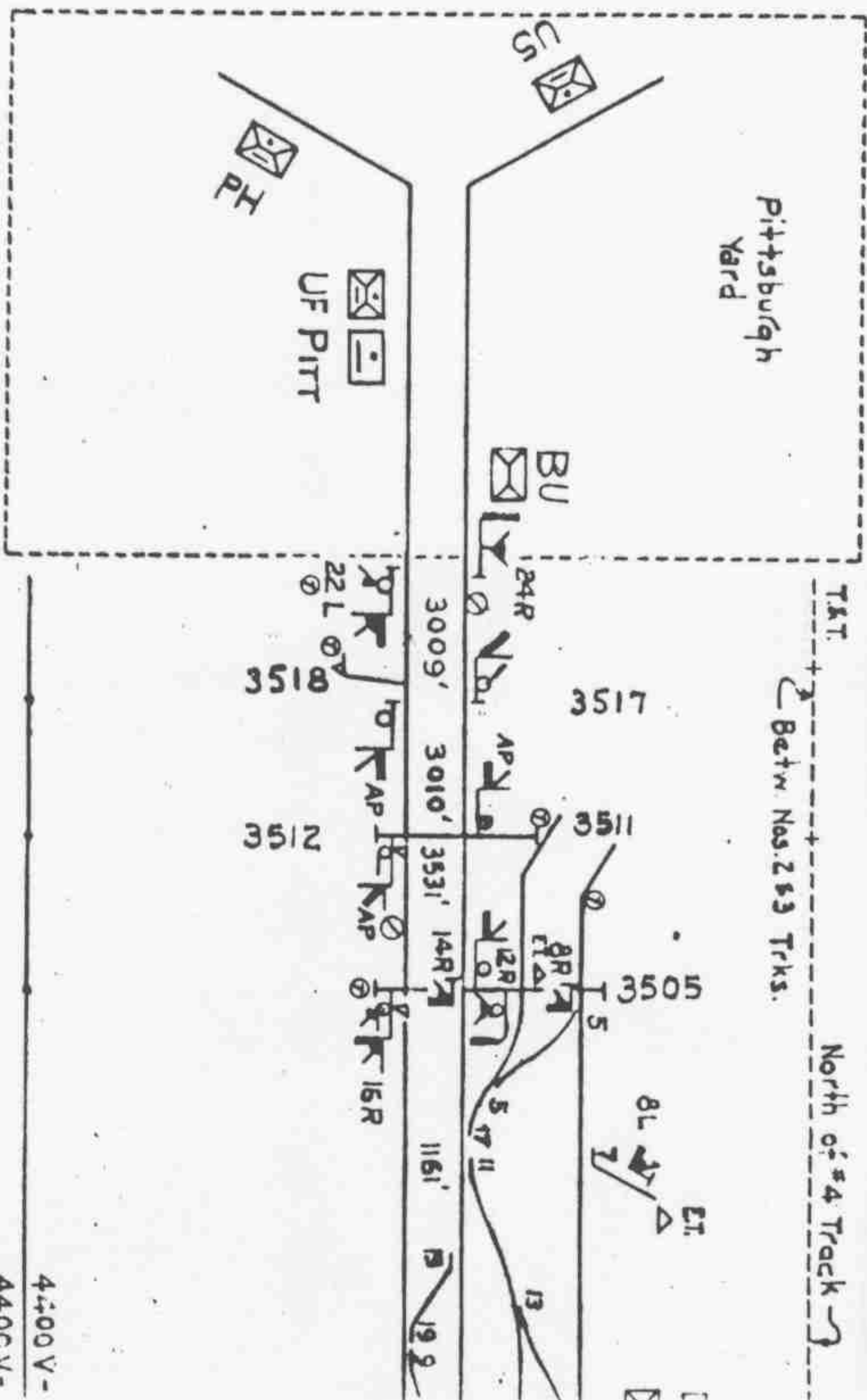
"CV" — H.A. DAVIS

352

351

440V-100W

Trk. 1
Between Nos. 2 & 3 Trks.
North of 4 Track



"CV" - H. F. DARR

E. I. - 541 INCL.

"CM" - J. C. McElroy

351

350

349

348

000

Between Nos. 2 & 3 Trks.

North of #4 Track

Between Nos. 2 & 3 Trks.

Shadyside Roup.

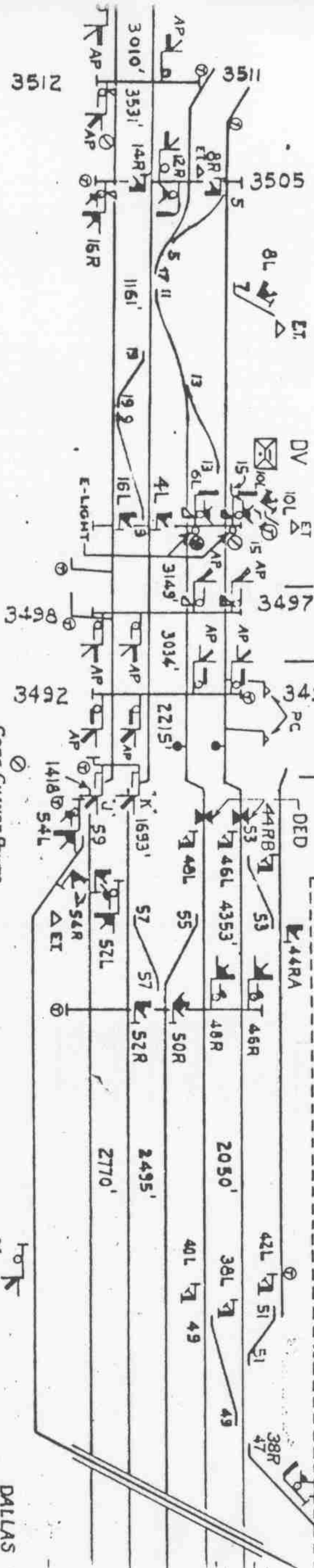
East Liberty

NORTH OF #4 TRACK

BRILLIANT BRANCH

INDUSTRIAL TRACK

(2-#4 WIRES IN UNDERGROUND CABLE)

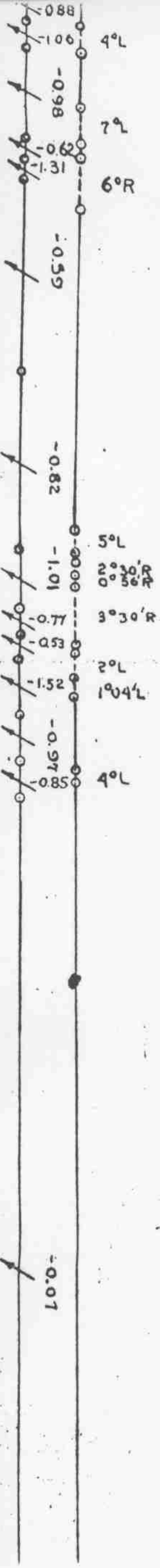


CODE CHANGE POINTS ON 1 & 2 TRACKS.

TO NO. 2

DALLAS

4400V-60~ Light Line (M.P. Dept.)
4400V-60~ Power Line (M.P. Dept.)



"CM" - J. C. McElroy

I E

Sec 1 - E. J. M

BRILLIANT BRANCH

348

NO SCALE

347

346

WEST PENN #2 WVD.

WEST PENN #1 EWD.

VALLEY #2 SWD.

VALLEY #1 NWD.

IN UNDERGROUND CABLE

BETWEEN NO. 3 & TAIL TRACK

Homewood Wilkinsburg

Edgewood

Betw. No. 2 & Tail Trk.

Betw. Nos. 1 & 2 Trks.

BOZ

DALLAS YARD

4400V-60~ Light Line (M.P. Dept.)

4400V-60~ Power Line (M.P. Dept.)

WM I
CONTR. FROM
C.T.C.

-0.07

-0.37

7.2

Sec 1 - E.J. Morister

TR - E.H. Gaskill

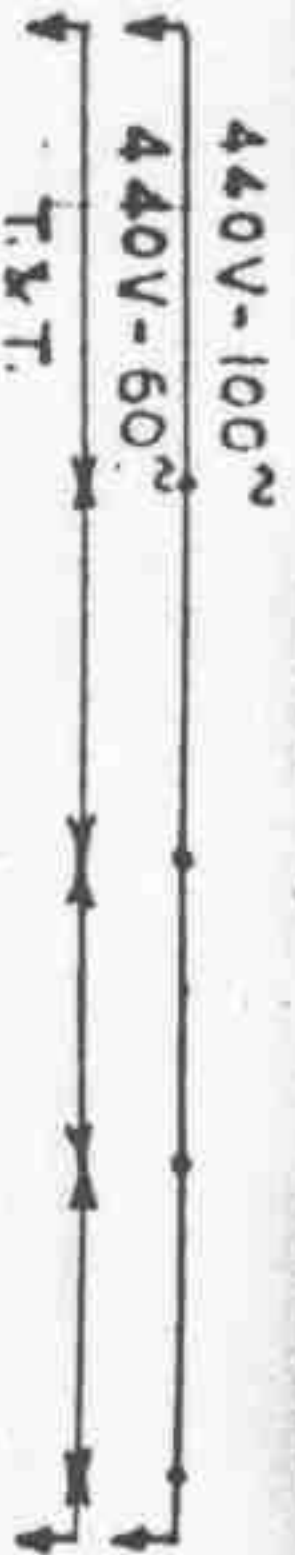
346

345

344

343

342



Swissvale
Hawkins
Copeland
Braddock
Bessamer

Barw. Nos. 1 & 2 Trks.
Edgewood

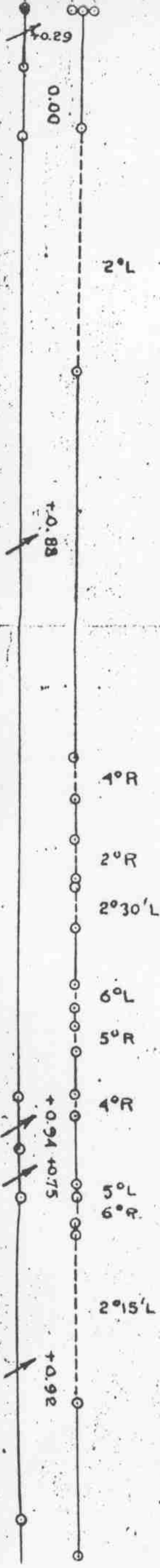
WM Int.
CONTR. FROM CM
C.T.C.

T.S.T.

T.S.T.

440V-100~ (2-#4 H.D.W.P. wires)
440V-60~ (2-#4 H.D.W.P. wires)

440V-100~
440V-60~



"R"-E.H.Gaskill

I-2+4 I-3

"WG"-Gaul Bayko

F1

F6

F63

440V
60~

341

340

East Pittsburgh

Turtle Creek

UNION R.R. OG. BRDG.

EAST PGH. BRANCH Δ E.T.

3417

1186'

18R

4017'

3406

4030'

3990'

3399

WG

12R

27

13

16L

21

15

15

12R

3977'

4543'

4420'

30R

31

1567'

30L

3230'

2605'

14R

9

11

11

13

12R

27

13

14L

17

15

15

12R

452'

10R

4420'

29

31

24L

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

14L

17

15

15

12R

452'

10R

4420'

29

31

24L

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

24R

R

PERRY INTERLOCKING CONT.
FROM WG

PENN AVE. OG. BRDG. 2+4

Dial F11
F12 F1C
F17 F4
F54 F5

440V-100~
440V-60~

+0.92

+0.57

-0.01

+0.08

+0.15

2°15'L

6°1

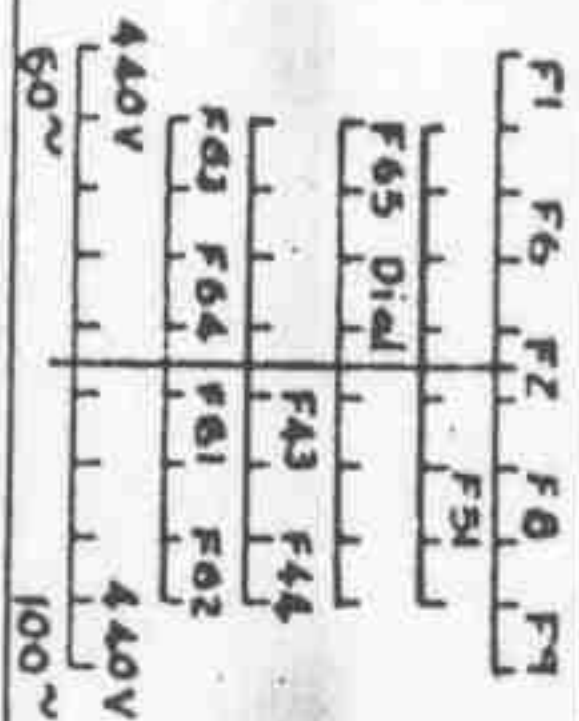
2°30'L

2.01L BARKO

E I

339

338



(2-#4 H.D.W.P. wires)
(2-#4 H.D.W.P. wires)

T.B.T.

Wilmerding

CS ON N#4

UU Int. Contr. from SZ

WG

12R 13 27

3272'

12L 13 3425'

6697'

32L 13 321

32R 13 33 321

PITCAIRN EASTWARD RECEIVING RD.

SPRINGHILL O.G. BRDG.

7596'

Dial	F11	F13	F14
F12	F10	F41	F42
F17	F45	F15	F16
F54	F53	F64	71

T.B.T.

To Pitcairn Power Plant

3°30'R

2°R

2°45'L

+0.15

-0.07

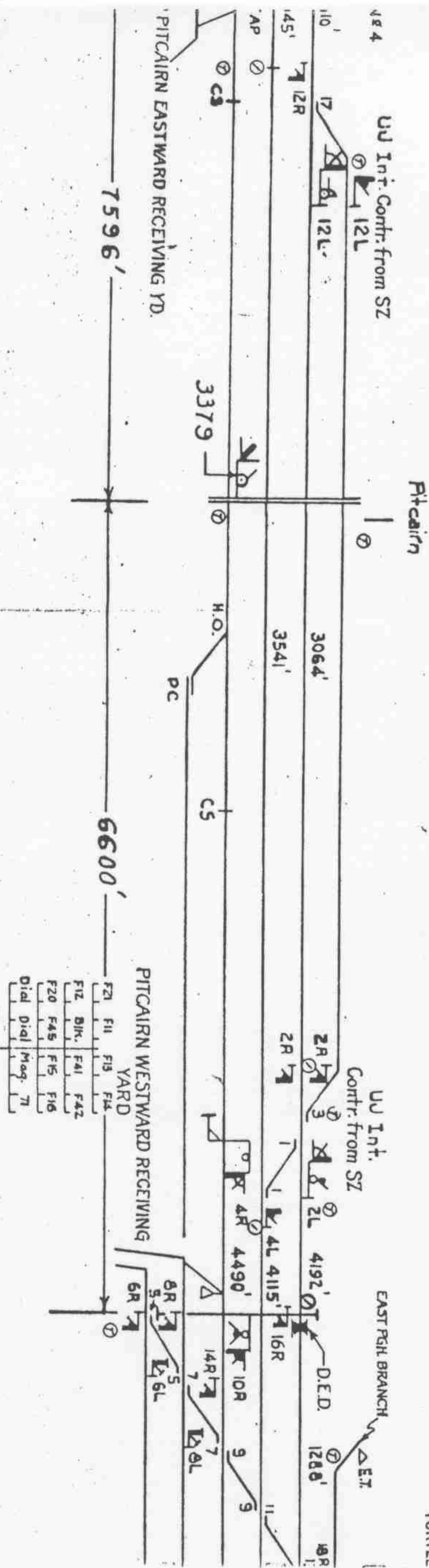
-0.20

CC
CC
CC

337

440V-50~

TURTLE



2200V-60~ - Emerq. (M.P. Dept.)

2200V-60[~]-Normal (M.P. Dept.)

2.45' L

-0.20

10501

-0.12

-0.25

- 0.83

0°30'

SECRET

1996

Via County & UN.

Larimer

Shafton

293426

32848

 Springer

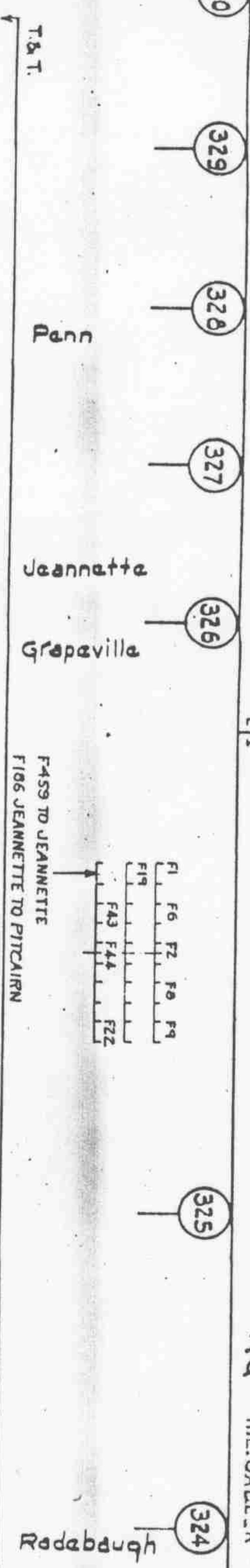
(2-2 B wires in aerial cable)

50

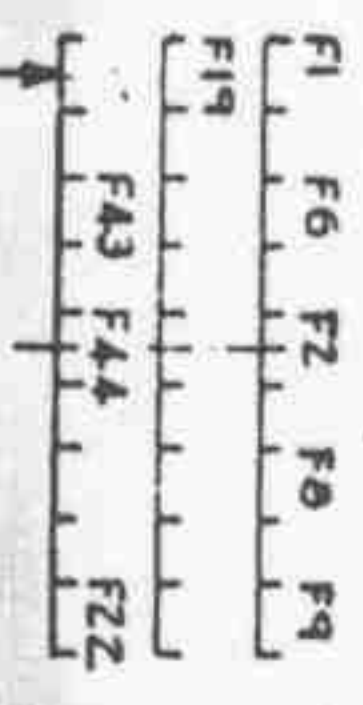
150

Sec. 2 - H.A. Fennel

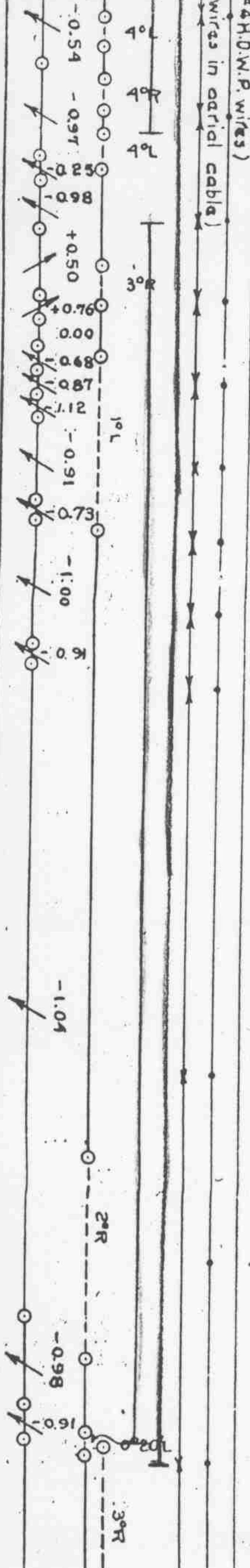
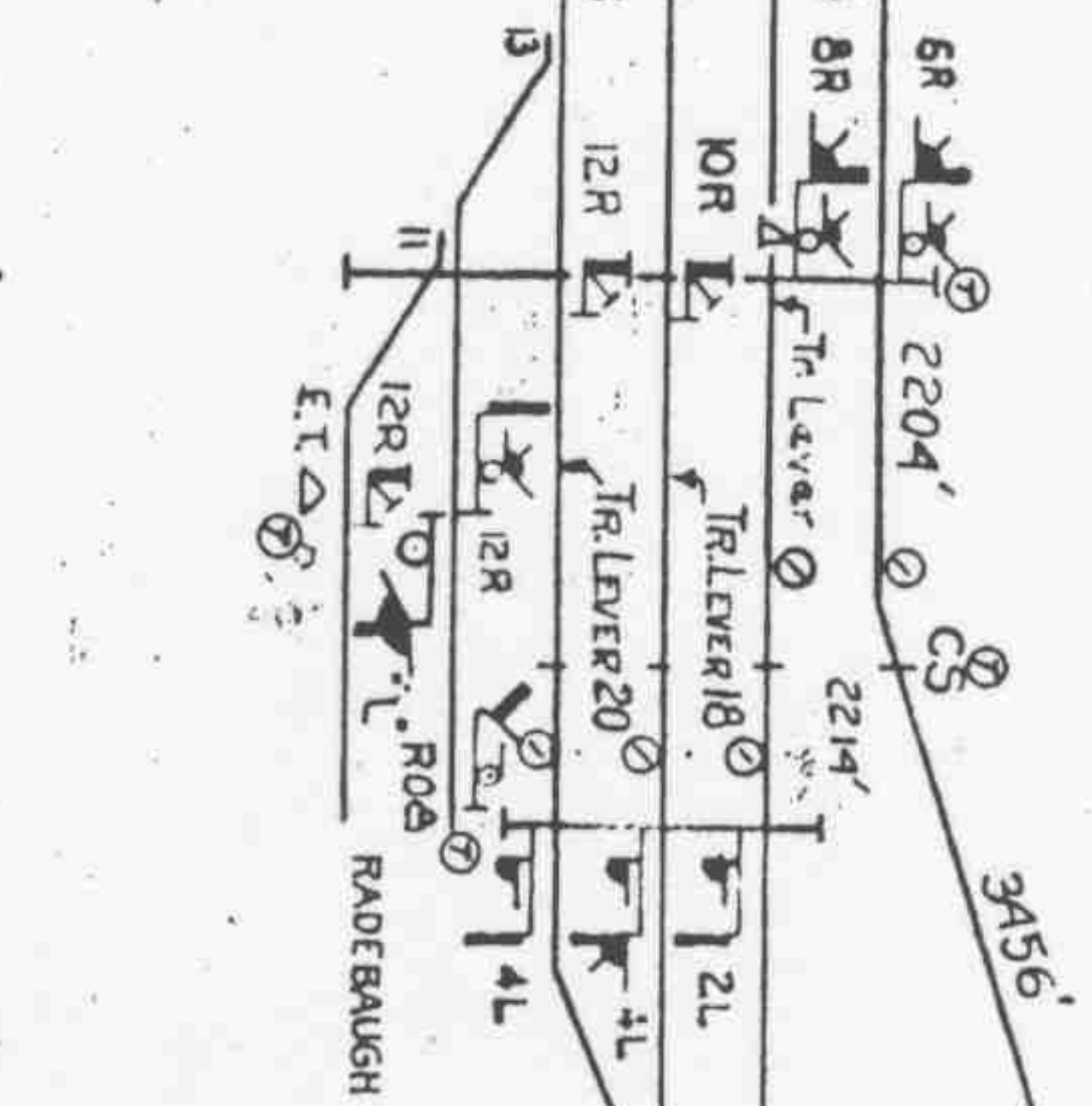
"RG" - W.L. Sadler



F459 TO JEANNETTE
F106 JEANNETTE TO PITCAIRN



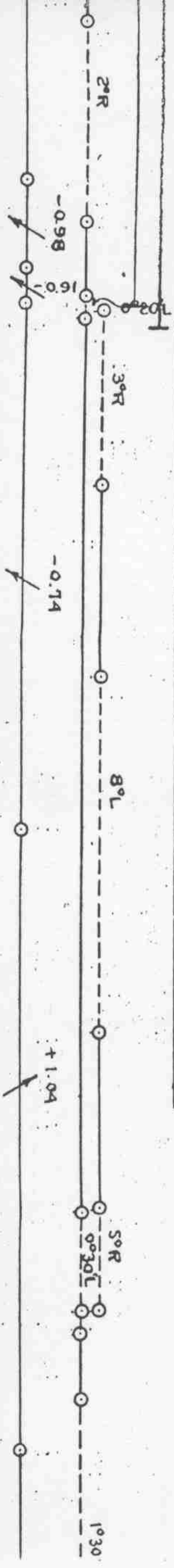
F21	F11	F13	F14
F12	F10	F41	F42
F20	F45	F15	F16
		Dial	
		440V	
		100~	



(324)

323

F20 F45 Dial F15 440V



SW - Jim Myers

E I

323

F1	F6	F2	F8	F9
F459			F13	F14
F43	F44 Dial	Dial 410		
F21	F22	F41	F42	
F12	F10 Dial	F19	F11	

322

BTCA 3702
TO SW

F1	F6	F2	F8	F9
Dial			F13	F14
F551	F552 Dial	Mon. Auto.		
Dial	Dial	Dial	F41	F42
F12	F10 Dial	F19	F11	

440V-100~ 440V-10C
4400V-60~ 440V-60

(2-#4 H.D.W.P. wires)
(2-#6 wires in aerial cable)

F20 F45 Dial F15 440V-100~

Greensburg

Dial F550 560 460 440V-100~
F15 F16 Phone Men. Auto.

T.B.T.

H
3558' CS

ET
3880'

2R or 4R

4R

3232
ELEC. LOCKED
FROM RG

500' 58L
52L 59

52R

2322'

46L

53

53

1431'

49

44R

SELF
RESTORING
D.E.D.

SW

SOUTHWEST BRANC

A T.B.T.

50R

0030L

1030'R

+0.70

+0.90

+0.42

0.00

I/E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Sec. 3.

321

320

440V-100 ^m	440V-100 ^m
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4400V-60~	440V-60~
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(2-³4 H.D.W.P. wires)
(2-³4 H.D.W.P. wires)

T. & T.

1602

81

85

ET. A E-LIGHT

5-15-82

१०८

2243

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⑦ 5600

49	43
----	----

126

131

167

22LC

4

I

SOUTHWEST BRANCH

下: 67

3208

+0.42

0.00

1045

50

2020

1030'R

KR W.L. Miller

313

Dead Ends of Lig. SP.

F1	F6	F2	F8	F9
F12	F5	F7	F13	F14
417	Dial	F10	F15	F16
Dial	F11	F19	F41	F42
Dial	F12	F30	Dial	
LX				

440V-100~

F1	F6	F2	F8	F9
Dial		LX		Dial

440V 100~

DEAD ENDS AT SAKMAN'S

F1	F6	F2	F8	F9
417	Dial	F10	F15	F16
Dial	F11	F19	F41	F42
Dial	F12	F30	Dial	
LX				

12' 4HWP Wires

440V-60~

3300V-60~ (aerial cable)

T&T

LATROBE

TRACK TROUGHS

McFEELY BRICK CO.

30L E.T.

KR

30L E.T.

3529'

26

26

1480'

27

29L

2600'

38R

38L

4667'

18R

22

22

23

21

36R

1471'

34R

33L

32L

37

37L

34L

17R

21

17L

TL 31

33R

32R

37

37L

34L

SECONDARY TRACK

UNITY

17RC

FRI. STA.

TRAFFIC LEVER 31

LATROBE

INDUSTRIAL TRK

RUN AROUND PC

SAKMAN'S TAIL TRK

SAKMAN'S

T&T

T&T

0°15'R

+0.60

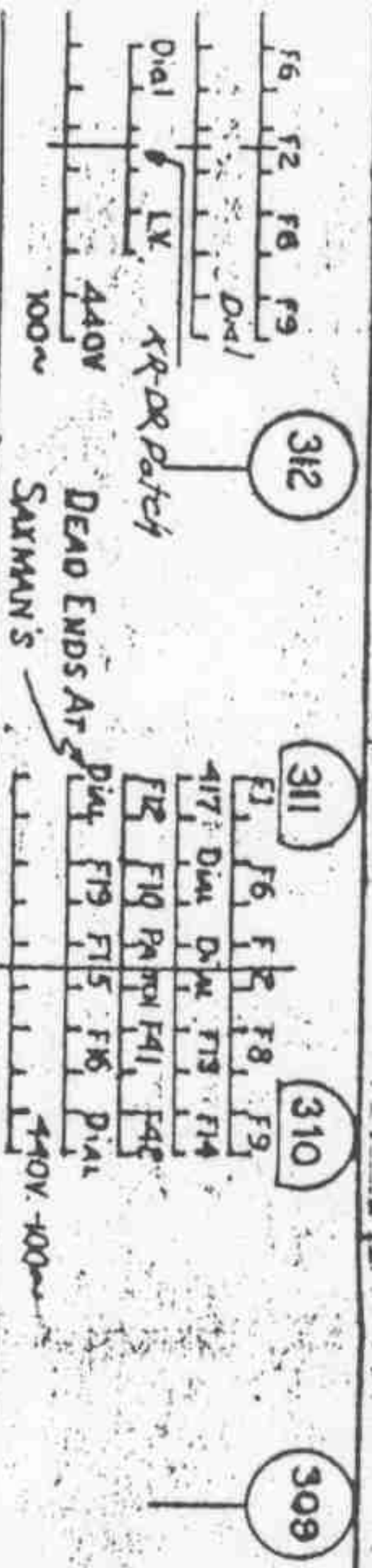
+0.66

+0.24

+0.49

+0.61 -1.04

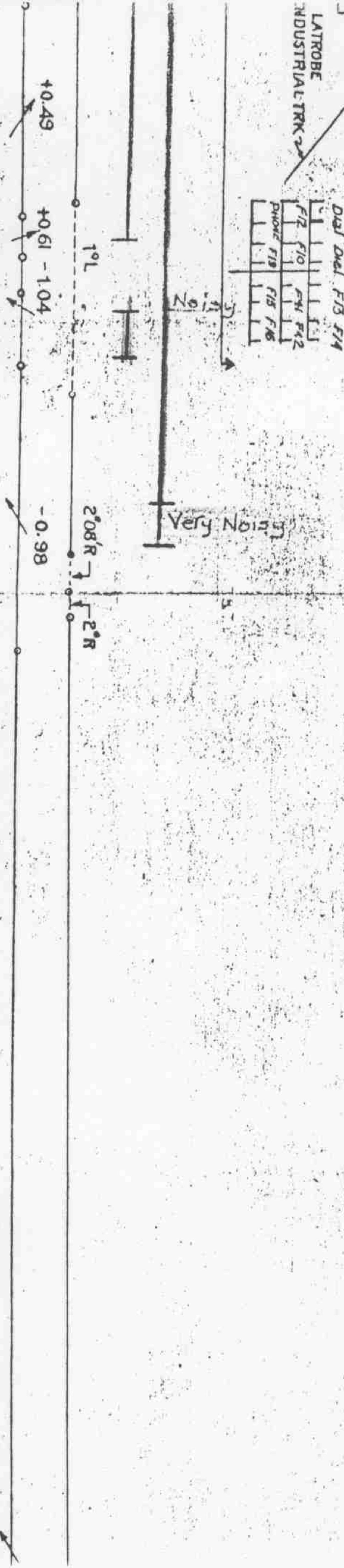
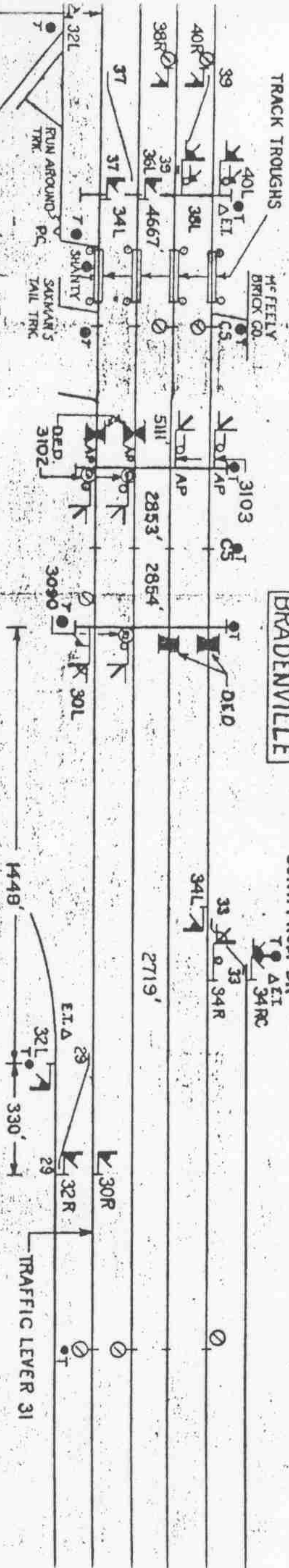
1°L



LOYALHANNA

BRADENVILLE

CONT. FROM DR



DR - J. G. Trimble

308

(2-4 HDWP WIRES.)

3300V - 60~ (AERIAL CABLE)

TRAFFIC LEVER 35

2989'

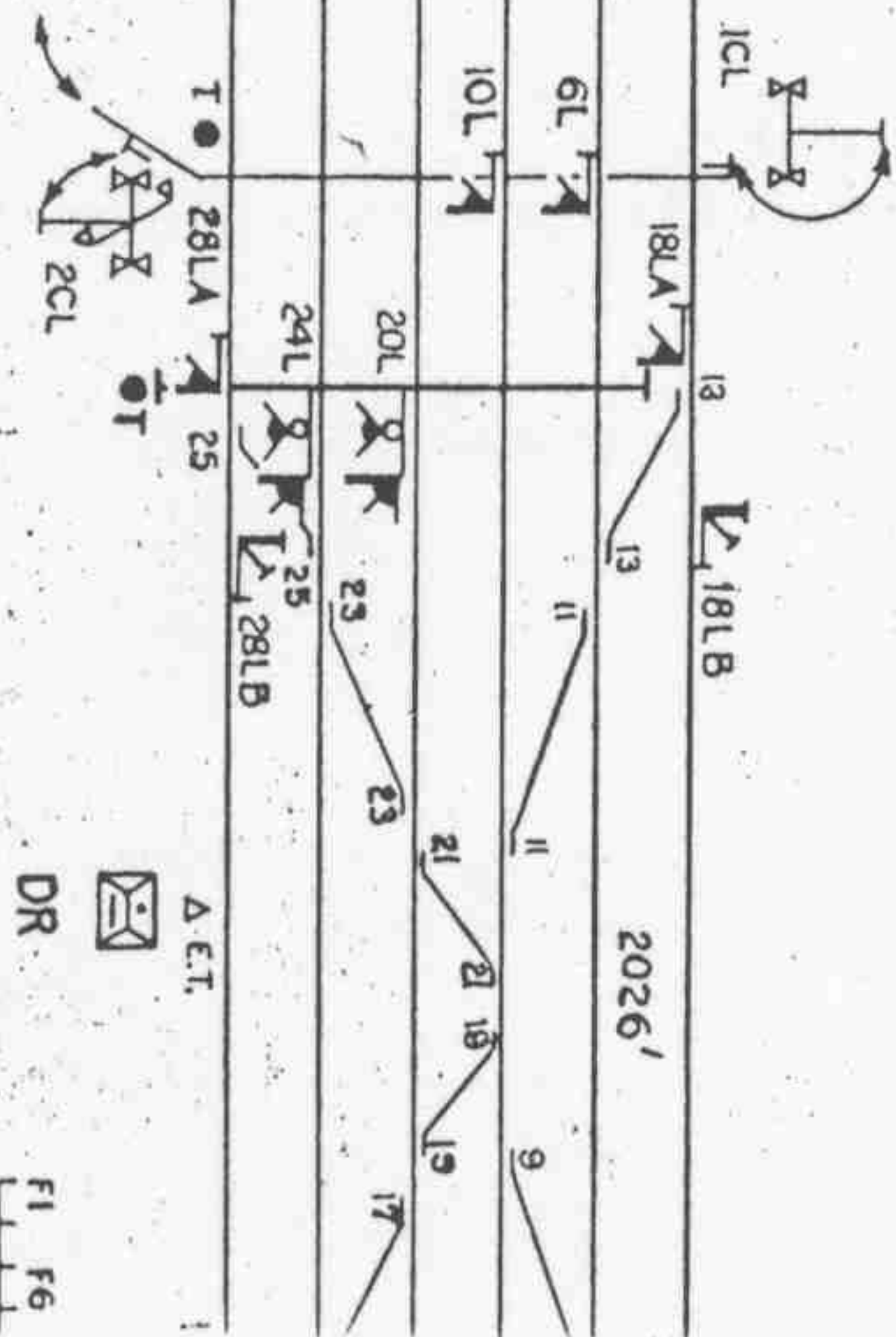
TRAFFIC LEVER 31

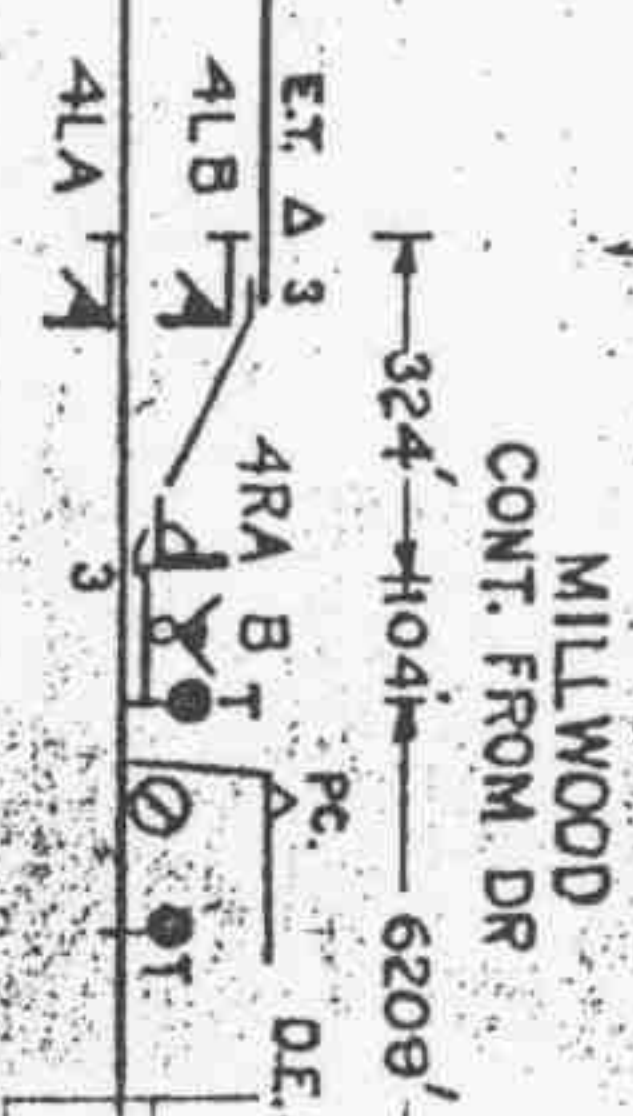
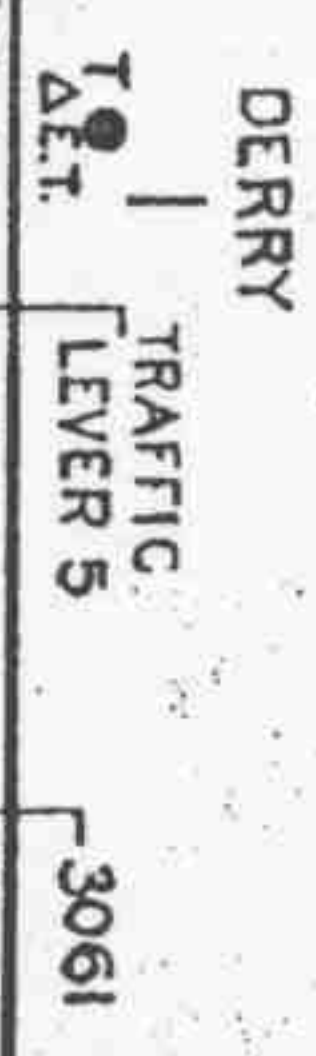
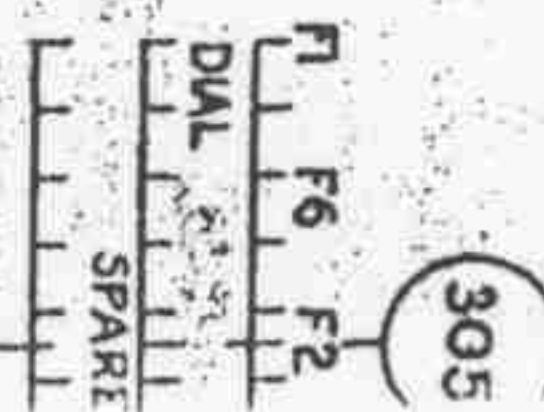
BURDS CROSSING

440V - 100~ (2-4 HDWP WIR)
3300V - 60~ (AERIAL CABLE)

-0.95

1.1R



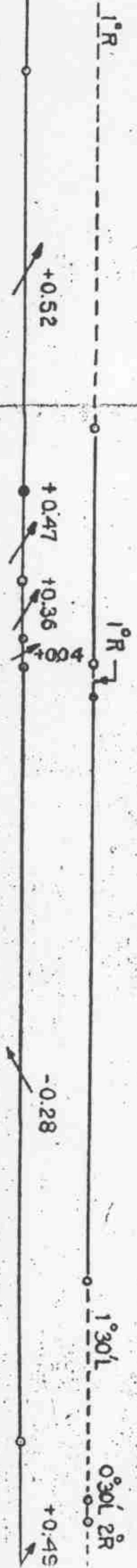


INSPECTOR SHANTY.

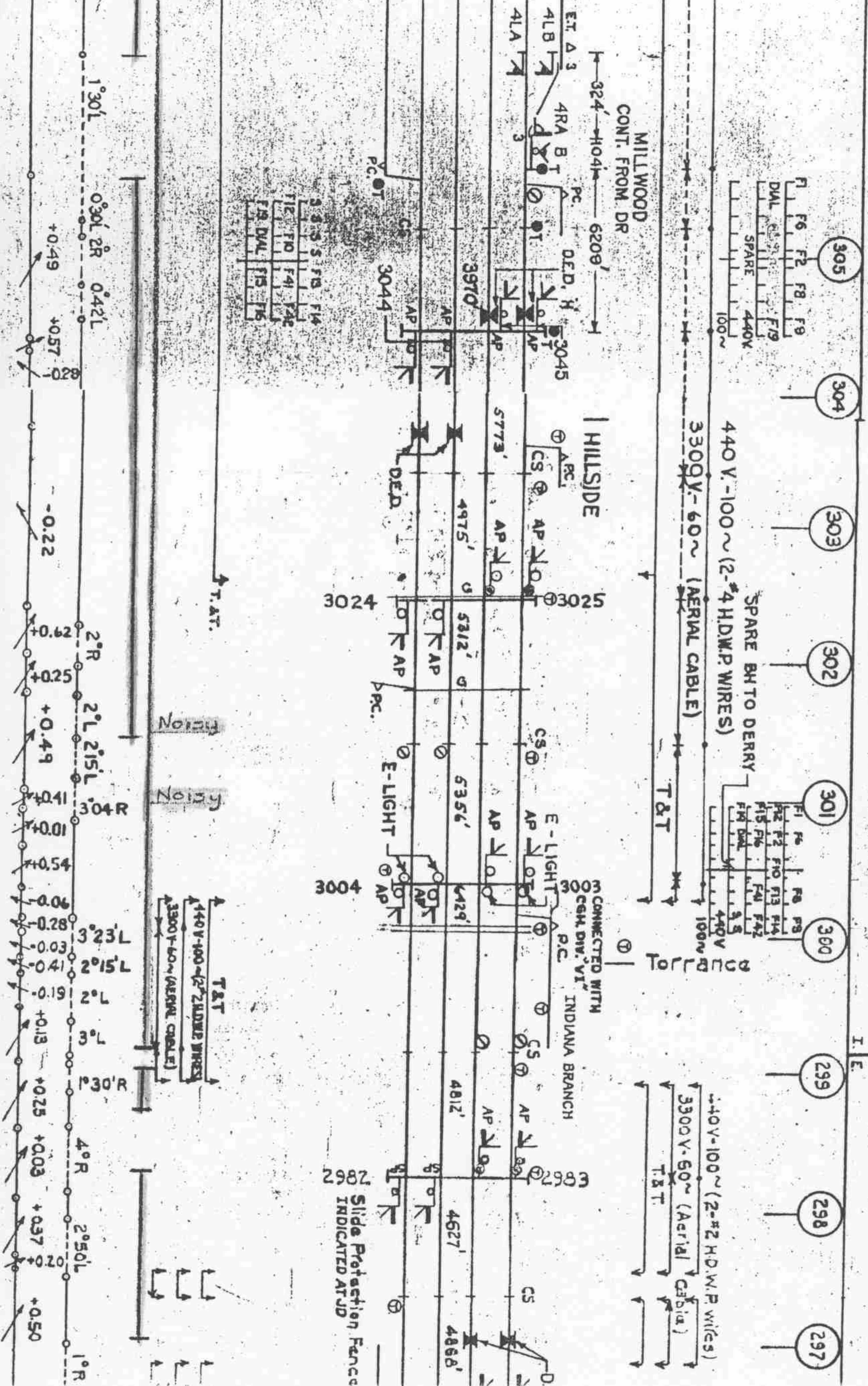


T&T.

440V.-100~ (2-4H.D.W.P. WIRES)
3300V.-60~ (AERIAL CABLE)



I. E



"JD" - E.B. KILLEN

Sec. 5 - W.F. SMITH (Incl. Sang Ho

291

290

289

288

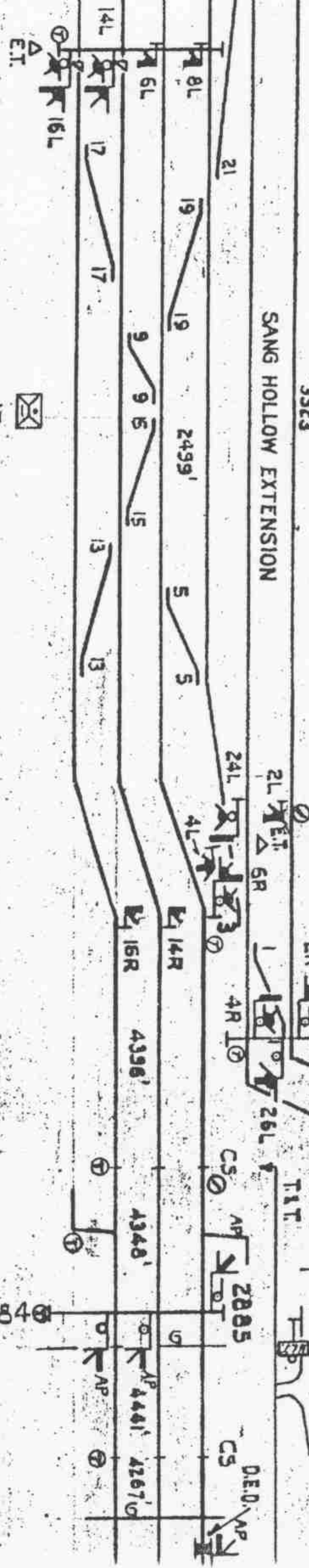
287

ROUTE 32008

Traffic Light 27

New Florence

SANG HOLLOW EXTENSION



F6	F8	F9
F2	F10	F13
F16	F41	F42
1 Dial	1 Dial	1 Dial
5 5 5	5 5 5	5 5 5
5 5 5	5 5 5	5 5 5
5 5 5	5 5 5	5 5 5

F1	F6	F2	F3	F4
Dial	Dial	Dial	Dial	Dial
5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
5 5 5	5 5 5	5 5 5	5 5 5	5 5 5
5 5 5	5 5 5	5 5 5	5 5 5	5 5 5

440V-100' 440V-100' 3300V-60' 440V-60'

0.20 0.27 0.20 0.25 0.25 0.26 0.27 0.28 0.29 0.30 0.31 0.32 0.33 0.34 0.35 0.36 0.37 0.38 0.39 0.40 0.41 0.42 0.43 0.44 0.45 0.46 0.47 0.48 0.49 0.50 0.51 0.52 0.53 0.54 0.55 0.56 0.57 0.58 0.59 0.60 0.61 0.62 0.63 0.64 0.65 0.66 0.67 0.68 0.69 0.70 0.71 0.72 0.73 0.74 0.75 0.76 0.77 0.78 0.79 0.80 0.81 0.82 0.83 0.84 0.85 0.86 0.87 0.88 0.89 0.90 0.91 0.92 0.93 0.94 0.95 0.96 0.97 0.98 0.99 1.00

"SG" - GEO. MEIKLEJOHN

276



C & JW - F.J. DILL 2ND. TR. T.E. BROWN

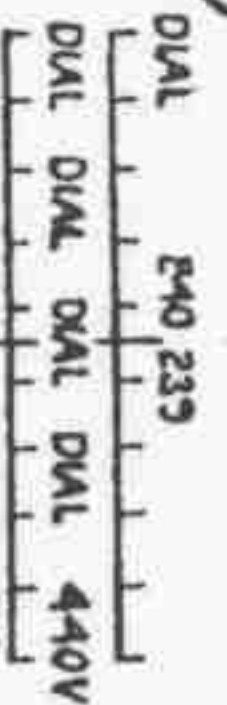
277

276

275

274

E.I.



2-4 WIRES IN SIGNAL CABLE
UG DUCT

440V-100~

3300V-60~ (Aerial Cable)

T&T

JOHNSTOWN

ver 29

2743

CAR INSPECTOR
5 KM YARD

45 E 46L

JW INT.
CONT. FROM C

18LC

18L

E

2502

46R

45

32L

42R

43

32L

38R

12R

10R

6R

2503

ON PLATFORM

2504

2473

2478

2463

2464

2465

2466

2467

2468

2469

2470

2471

2472

2473

2474

2475

2476

2477

16LB

16LA

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

JW INT.
CONT. FROM C

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

16R

16L

YARD OFFICE
JOHNSTOWN BRANCH

T&T

(2-6 UG WIRES)

3300V-60~

LEAD CABLE

2°28'R

0°50'R

0°30'L

2°52'L

6°41'R

3°11'R

1°30'R

5°50'R

3°30'R

2°26'R

0°37'R

0°45'L

-0.25

-0.21

-0.17

-0.14

-0.35

-0.05

-0.24

-0.09

-0.04

-0.07

-0.27

ND. IR. T.E. BROWN

I E

274

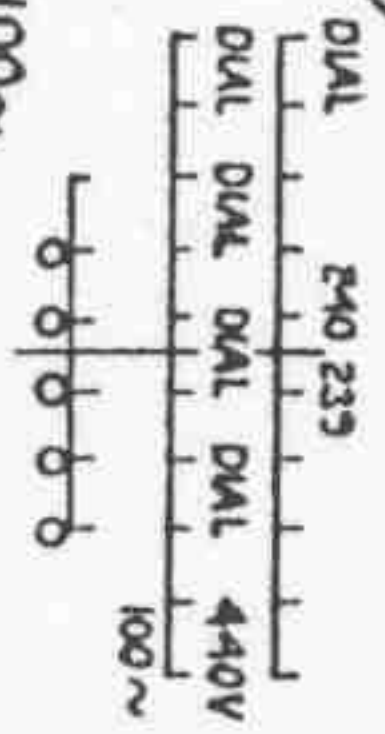
273

440V-100~

(2" 4 HDW.P Wires)

3300V-60~ (Aerial Cable)

3300V-60~ (Aerial Cable)
(Aerial Cable)



CAR INSPECTOR
C.M.W. YARD

45 L 46L

TRAFFIC LEVER 28

CONT. FROM C

2200'

15 20 HD PD

4701'

2744

CAR INSPECTION
SHORT LINE
TRAFFIC LEVER 1

YARD OFFICE
JOHNSTOWN BRANCH

3300V-60~ 2" 6 HD Wires

OUT BOUND SECURITY

0°37'R
0°45'L

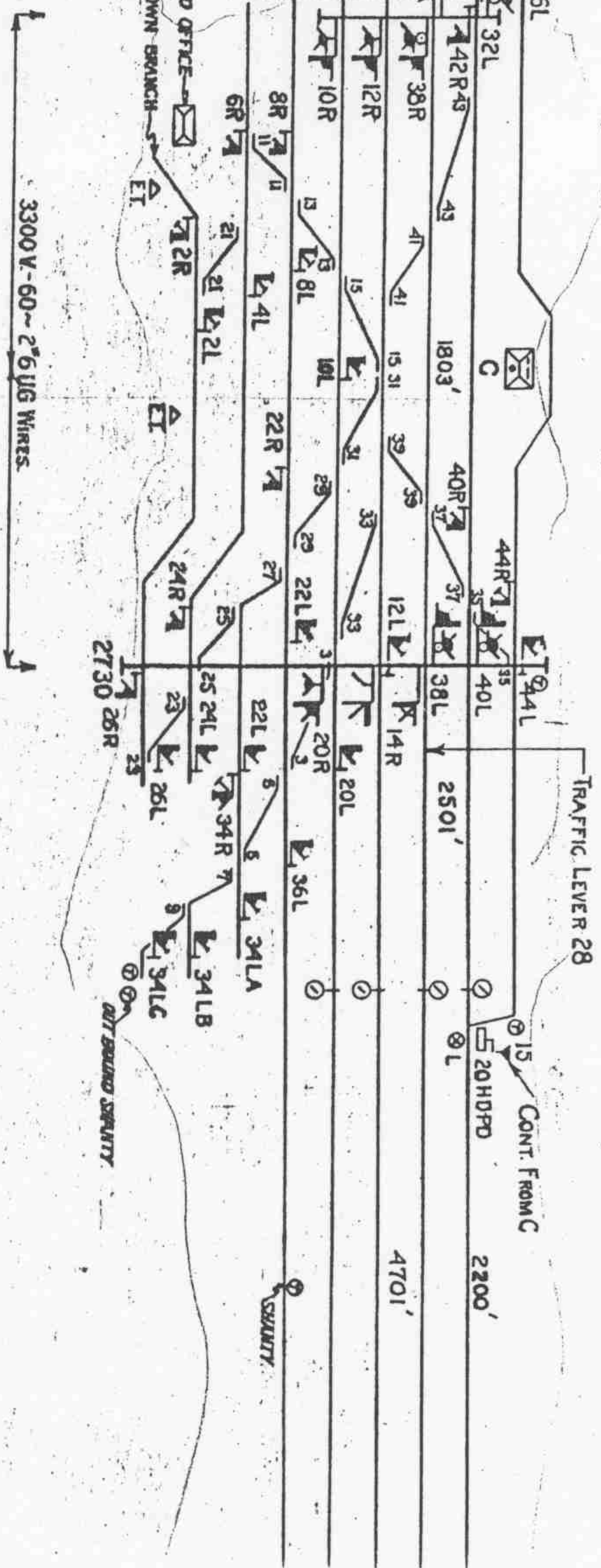
-0.17

3°30'R

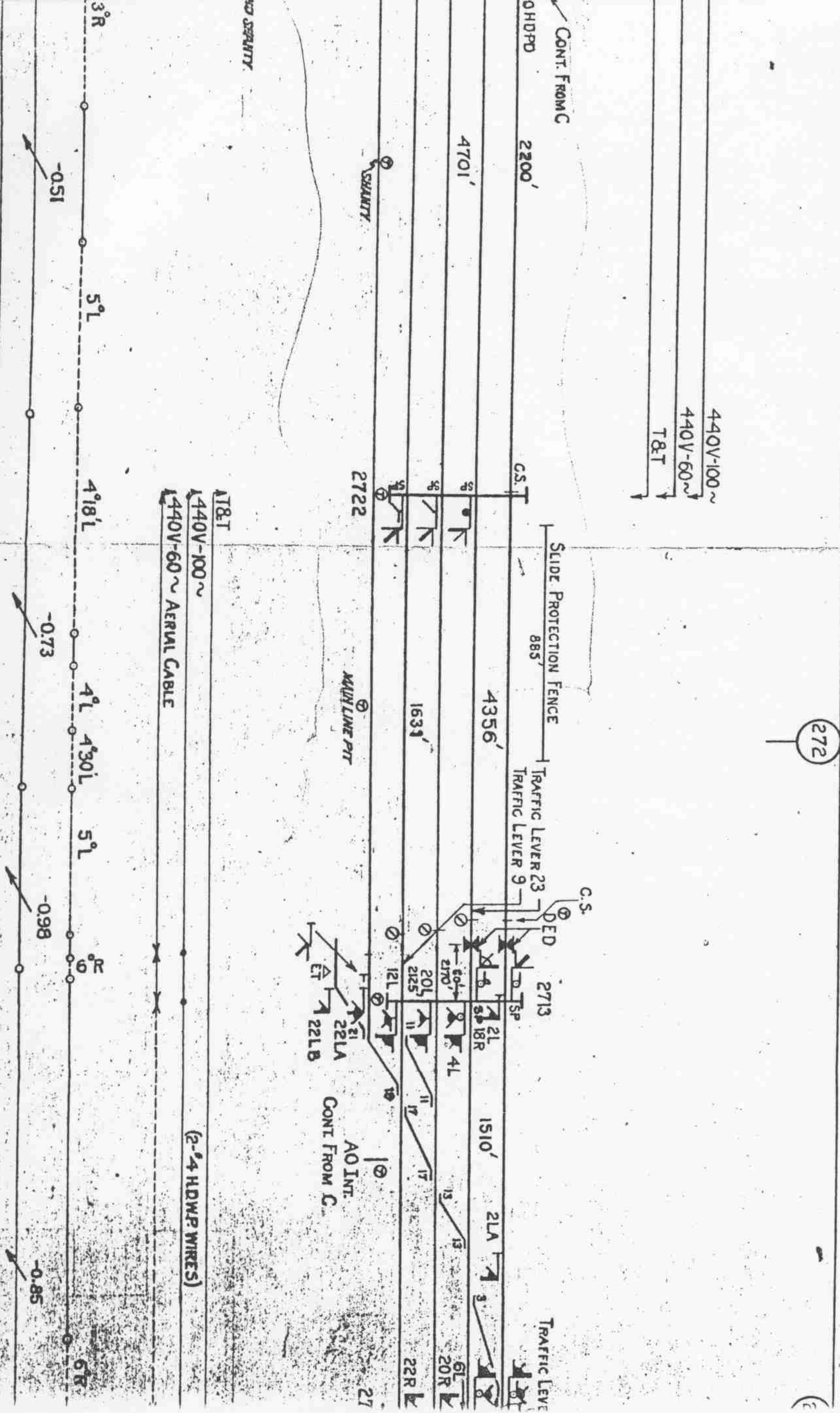
3°R

-0.51

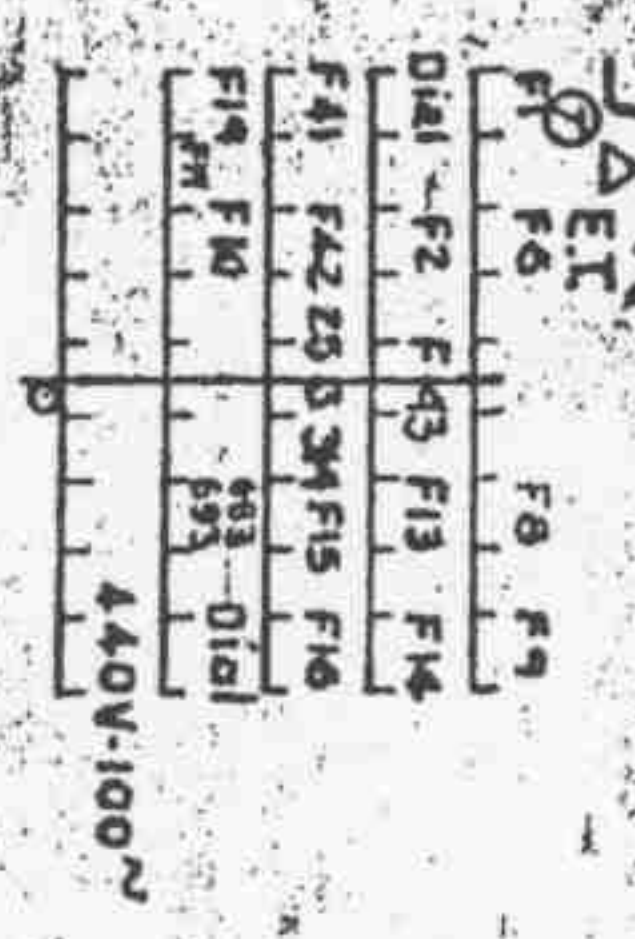
5°L



(272)

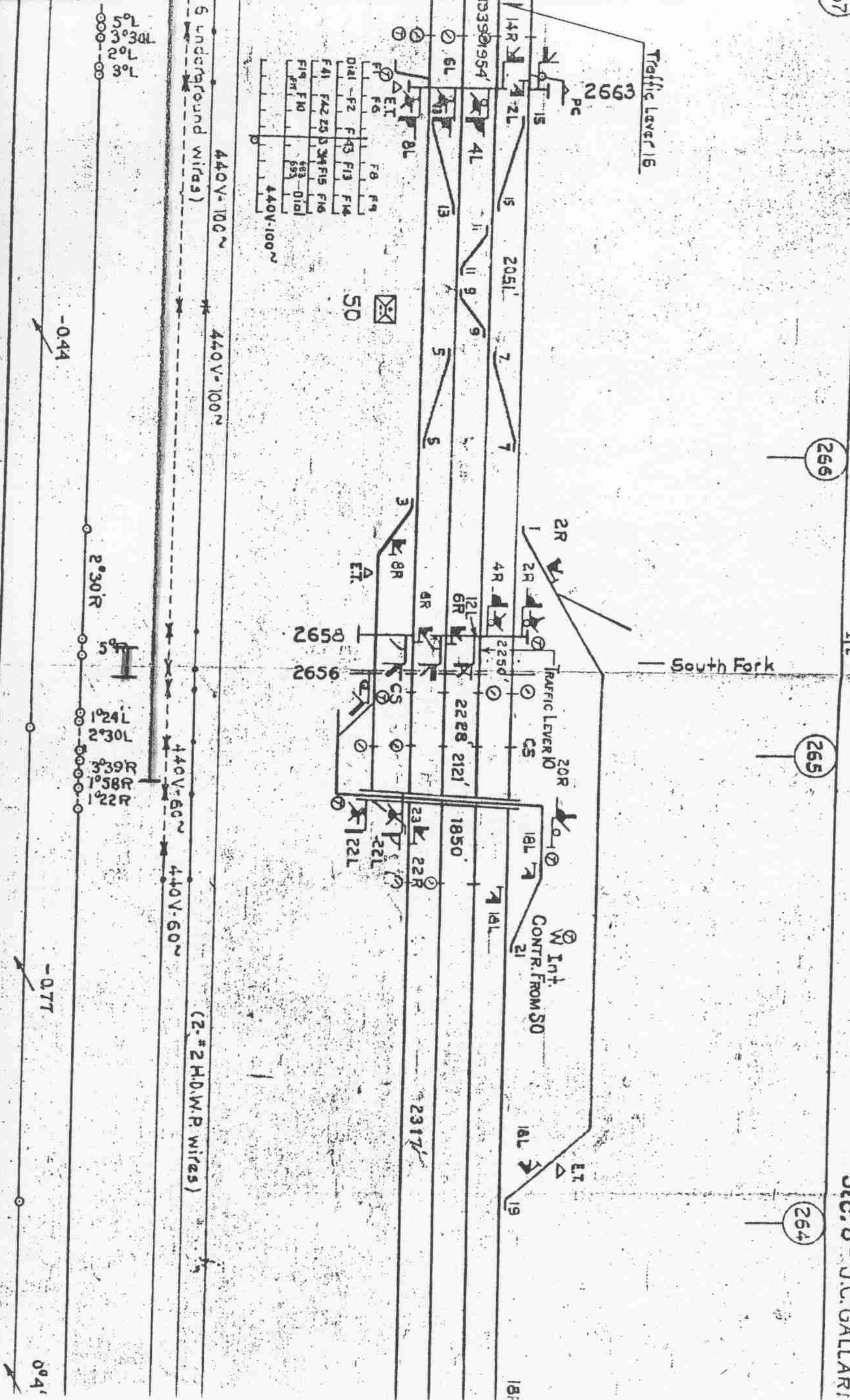


271
270
269
268
267
266



SO-JV. GALLARDY

Sec. 8 - J.C. GALLARDY



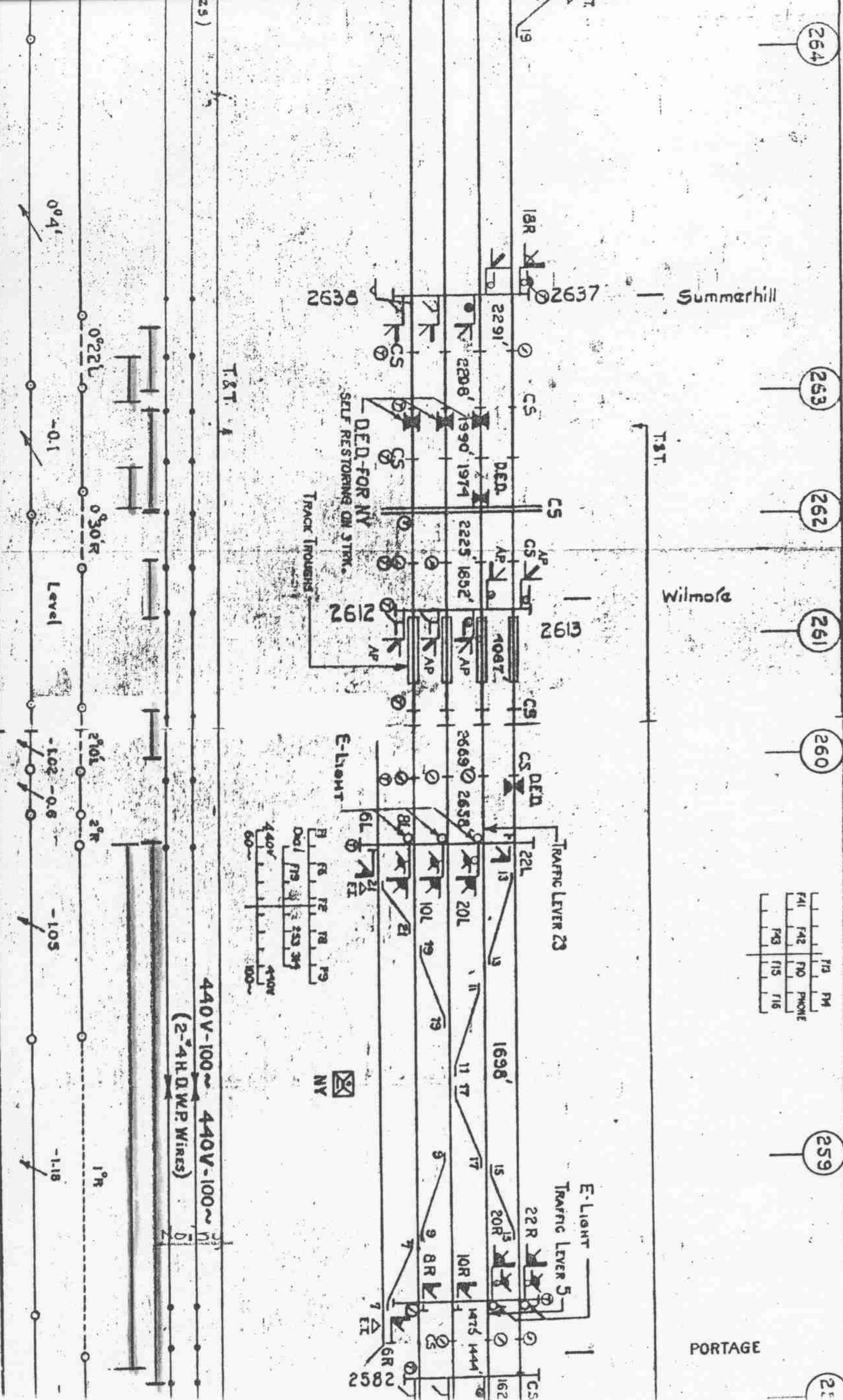
NY- H.B. RAGER

5

Wilmore

PORTAGE

		F13	F14
F41	F42	F10	PHONE
F43		F15	F16

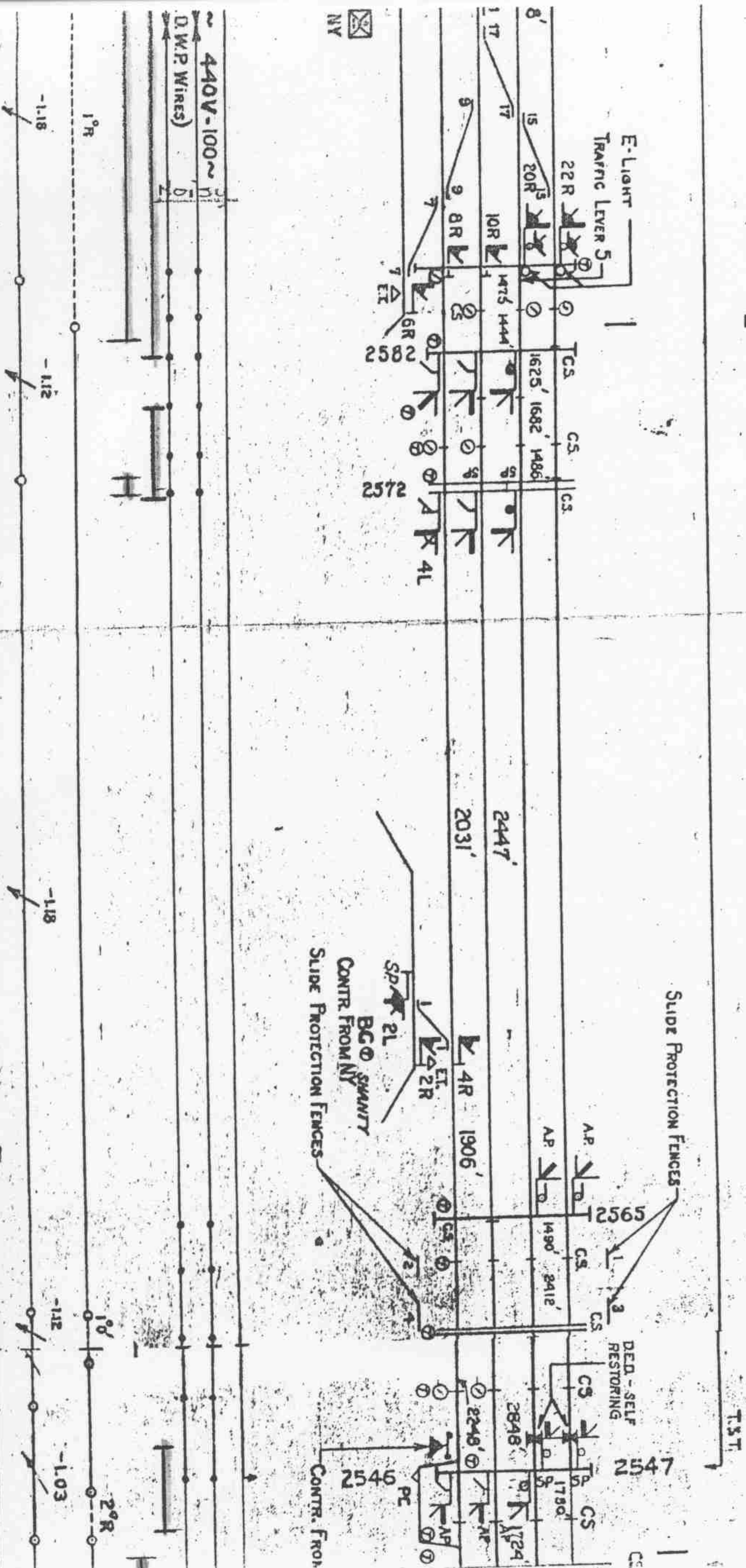


Sec: 9-111

5

T.3 T.

Lily



Sec. 9 - J.J. JUSTICE

MO - I.E. BOSWORTH

256

255

254

253

252

251

E 1

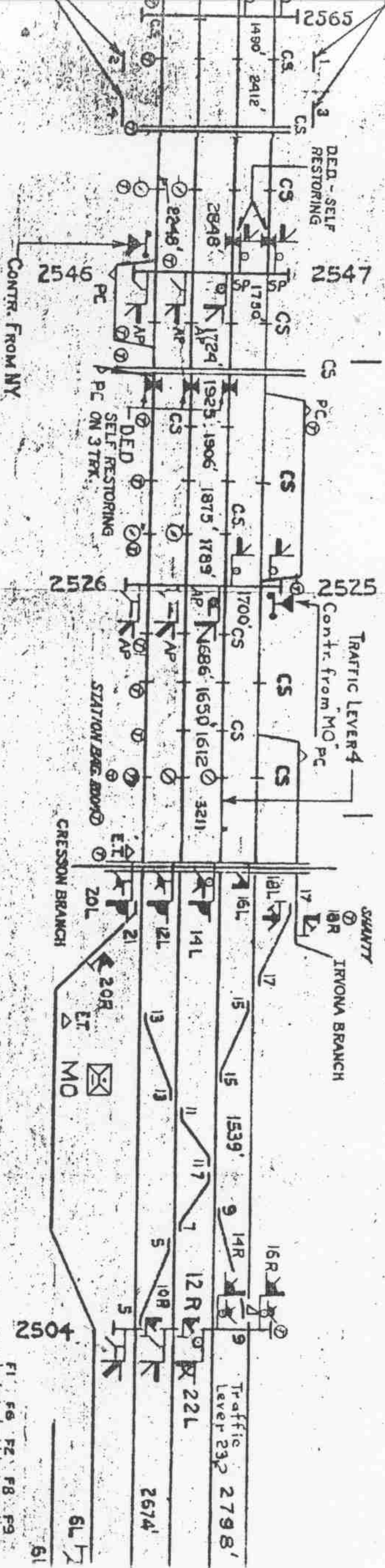
F41	F42	F13	F14
F43	F44	F10	624 Phone
Dial F43	F16	F15	
603 Yd.	C81		
C81	C81		

T.S.T.

T.S.T.

Cresson

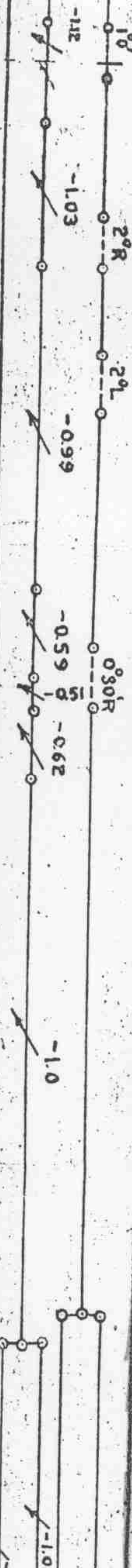
T.S.T.



T.S.T.

(2-# 4 H.O.W.P. wires)

F1	F2	F3	F4	F5	F6	F7	F8	F9
440V	110V	110V	110V	110V	110V	110V	110V	110V
60V	60V	60V	60V	60V	60V	60V	60V	60V

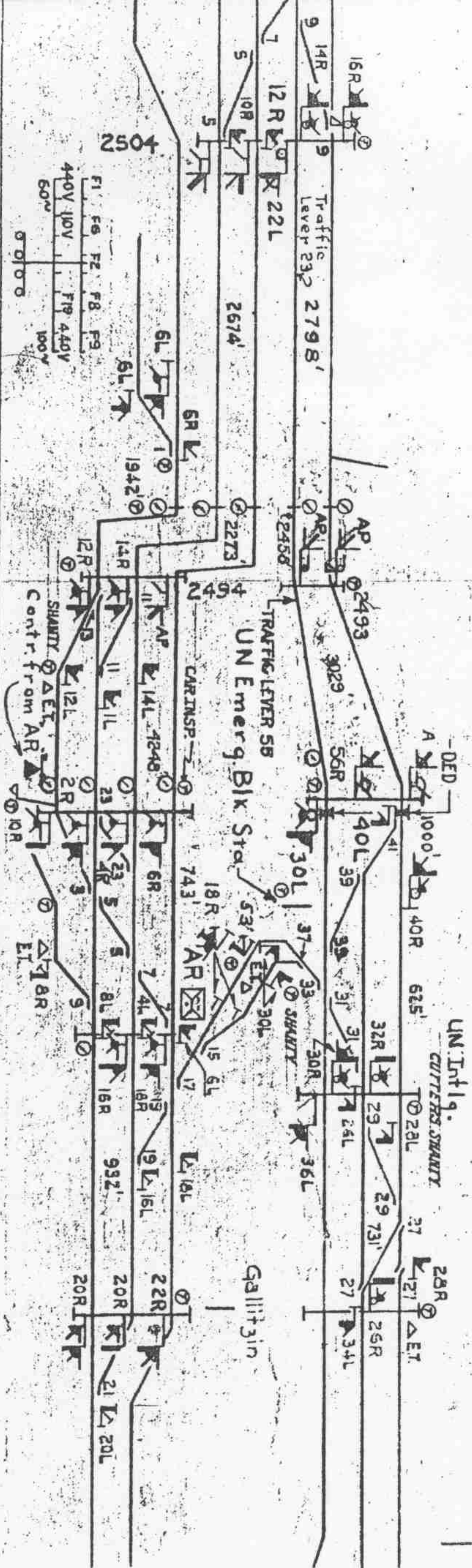


IEI Bosworth

"UN" - ECHP...
"AR" - J.H. Nicholson 2ND. TRK. D.C. Fulton

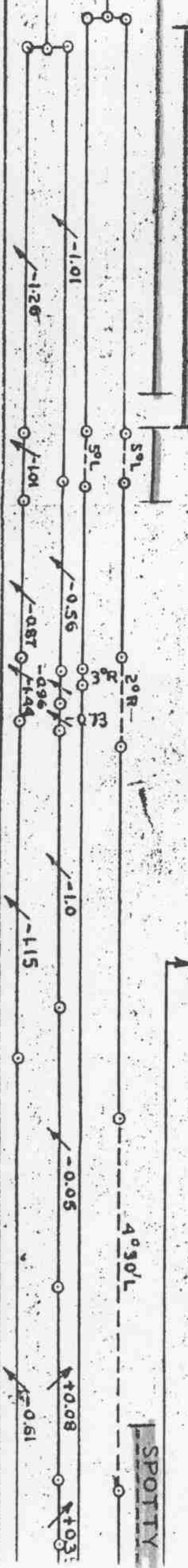
(250) E I
(249)
24

Gallitjin



(2-# 4 H.D.W.P. wires)

(2-# 4 H.D.W.P. wires)



Sheet

CHOLSON 2ND TRK. D.C. Fullton

240

Gallitzin

WANTY

28R
27
27
25R
34L

27

36L

Gallitzin

5952'

5107'

GALLITZIN TUNNEL

3604'

Allegheny Tunnel-3604'

932'

20R
22R
20R
20R
20R

L_{22L}

4411'

1631'

Portage Tunnel

T&T

440V-100~
440V-60~

4°30'L

SPOTTY

-0.05

+0.08

+0.35

2°30'R

+0.61

+1.39

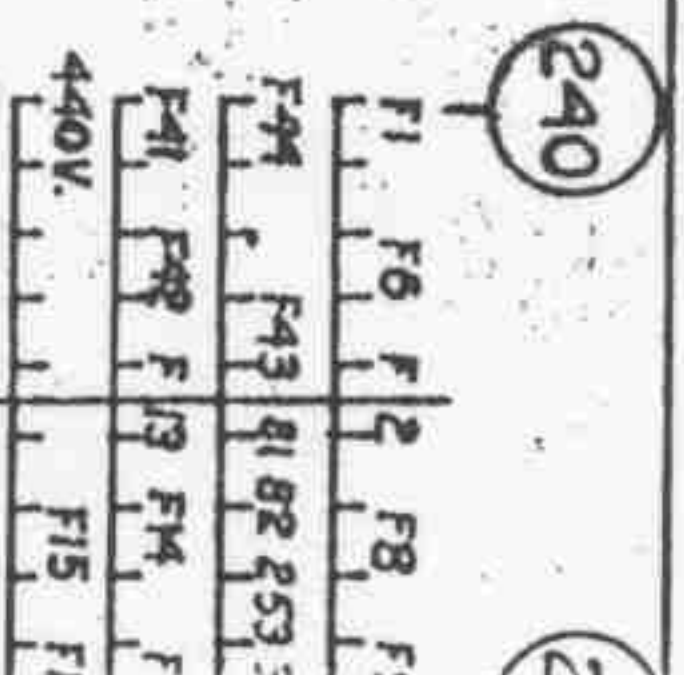
+1.0

SF INTER
CON

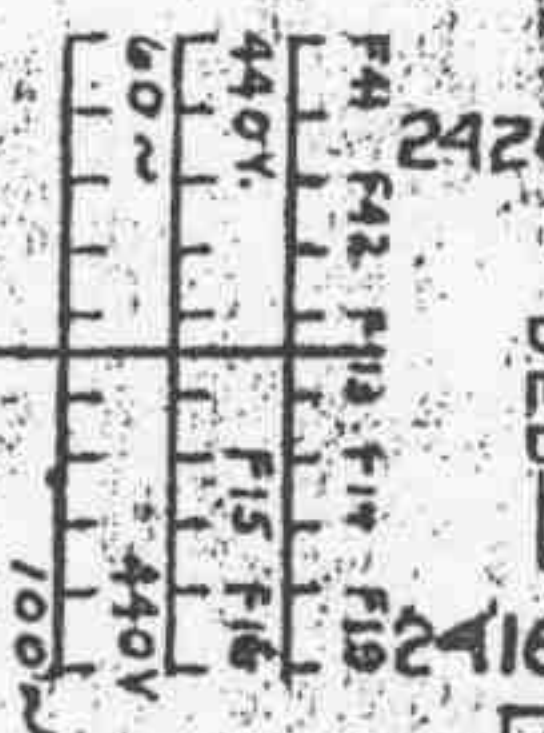
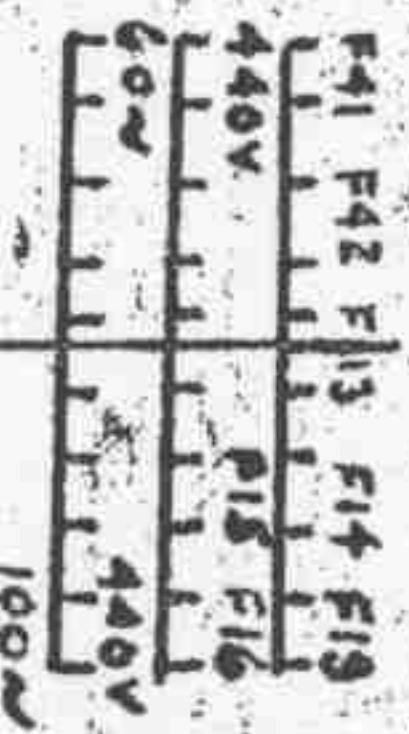
FAI

46L
47R

45
46L
47R

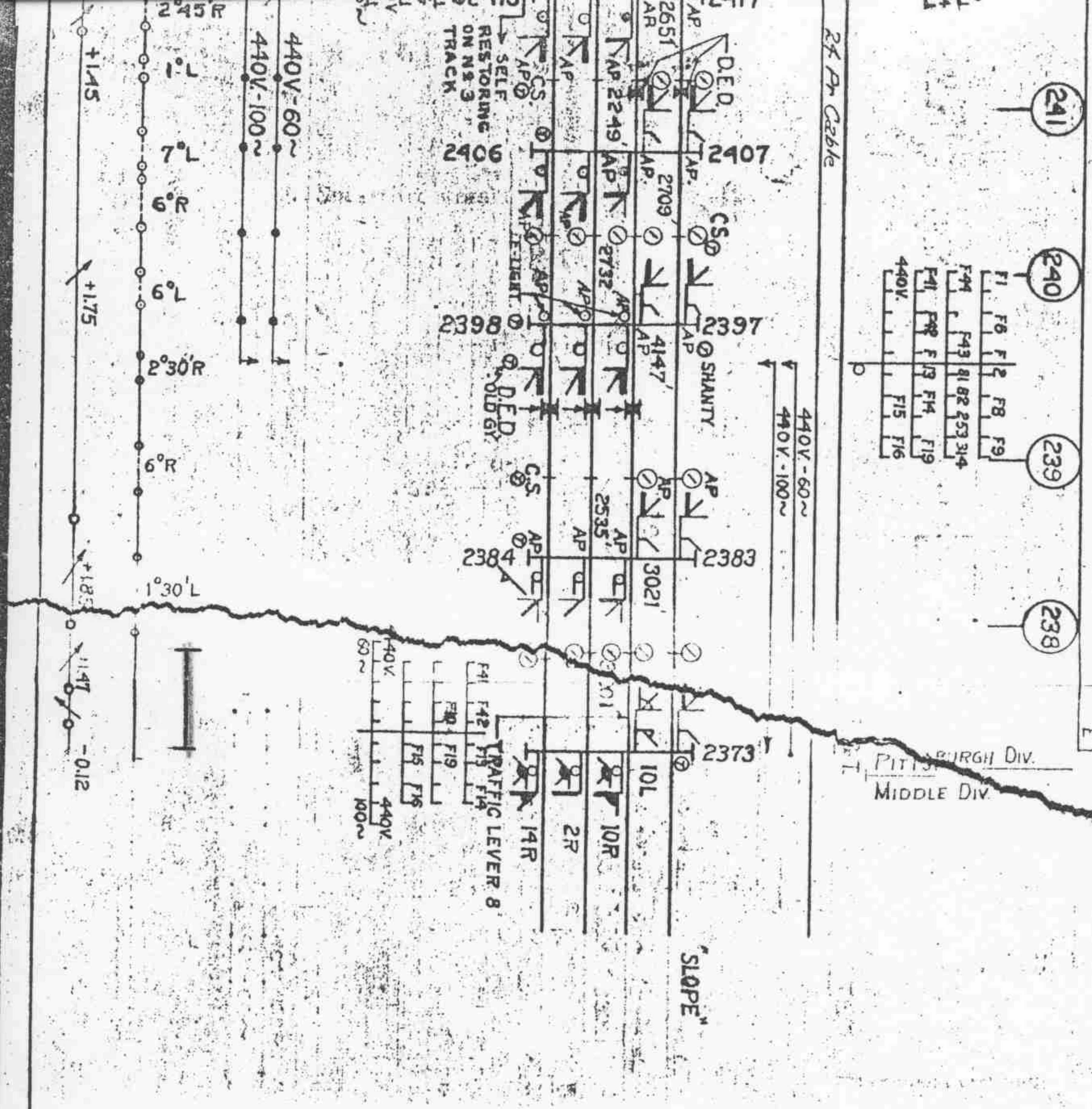


24 Pr Cable



+1.75

SECT. 10 - J. L. HELLMAN



LOCATION OF COMPRE				
LOC. NO.	CU. FT.	VOLTS	PHASE	
MG-2	9.2			
SPEED-3 RECORDERS	5	220	1	G
BENNY-2	5			
SF-2	35	220	3	W
UN-2	9.2	220	1	G
AR-2	50	220	3	W
GAULTZIN	3.15	220	1	WA
MO-2	35	220	3	W
BC-2	9.2			
NY-4	9.2			
W-2	3.25	220	1	G
W-2	4.2			
SO-4	9.2			
AO-2	35	220	3	W
C-2 *	35	220	3	WE
JW-4	9.2	220	1	G
SG-2	35	220	3	WE
JD-2	35	220	3	WE
MULLYWOOD	4.2			
DR-4	4.2	220	1	G
DR-2	35	220	3	WE
KR-6	9.2	220	1	G
SW-2	4.2			
SW-2	100	220	3	WE
E.E. RG TUNNEL-2	4.2	220		
W.E. RG TUNNEL-2	3.15	110	1	G
RG-2	35	220	3	WE
CP-2	35			

LOCATION OF COMPRESSORS					
LOC. NO.	CU. FT.	VOLTS	PHASE	MFG. R. MOTOR	MFG. R. COMPR.
MG-2	9.2				
SPEED-3 RECORDERS	5	220	1	G.E. CO.	W.A.B. CO.
BENNY-2	5				
SF-2	35	220	3	W.E. & M. CO.	NATIONAL BR
UN-2	9.2	220	1	G.E. CO.	W.A.B. CO.
AR-2	50	220	3	W.E. & M. CO.	NATIONAL BR
GALITZIN	3.15	220	1	WAGNER ELEC.	NATIONAL BR
MO-2	35	220	3	W.E. & M. CO.	ELEC. CO.
BC-2	9.2				
NY-4	9.2				
W-2	3.25	220	1	G.E. CO.	W.A.B. CO.
W-2	4.2				
SO-4	9.2				
AO-2	35	220	3	W.E. & M. CO.	NATIONAL BR
C-2 *	35	220	3	W.E. & M. CO.	NATIONAL BR
JW-4	9.2	220	1	G.E. CO.	W.A.B. CO.
SG-2	35	220	3	W.E. & M. CO.	NATIONAL BR
JD-2	35	220	3	W.E. & M. CO.	NATIONAL BR
MULLWOOD	4.2				
DR-4	4.2	220	1	G.E. CO.	W.A.B. CO.
DR-2	35	220	3	W.E. & M. CO.	NATIONAL BR
KR-6	9.2	220	1	G.E. CO.	W.A.B. CO.
SW-2	4.2				
SW-2	100	220	3	W.E. & M. CO.	NATIONAL BR
E.E. RG	4.2	220			
TUNNEL-2	4.2	220			
W.E. RG	3.15	110	1	G.E. CO.	W.A.B. CO.
TUNNEL-2	3.15				
RG-2	35	220	3	W.E. & M. CO.	NATIONAL BR
CP-2	35				

LOCATION OF COMPRESSORS					
LOC. NO.	CU. FT.	VOLTS	PHASE	MFG. R. MOTOR	MFG. R. COMPR.
CAVITTS-2	9.2	220	1	G.E. CO.	W.A.B. CO.
SZ-2	83	220	3	W.E. & M. CO.	NATIONAL BR
UJ					
WG-2	35	220	3	W.E. & M. CO.	NATIONAL BR
PGH BR-4	9.2	220	1	G.E. CO.	W.A.B. CO.
R-2	35	220	3	W.E. & M. CO.	NATIONAL BR
UJCT-2	4.2				
WK-2	4.2	220	1	G.E. CO.	W.A.B. CO.
WK-2	35	220	3		
CM-2	100	220	2	W.E. & M. CO.	NATIONAL BR
DV-2	35	220	2		
PGH YARD					
FROM PITTSBURGH POWER PLANT					
* FOR EMERGENCY USE WHEN SHOP AIR FAILS - NORMAL AIR FURNISHED BY SHOP COMPR. - CGH. YARD					
EMERGENCY AIR SUPPLY					
LOCATION	NO. ENG. TAPS	EMERG. AIR	EMERG. POWER	NORMAL POWER	
MG	2			PENNSYLVANIA COAL & COKE CO.	
BENNY	1				
SF	1				
AR	2				
UN	1				

EMERGENCY AIR			
LOCATION	NO. ENG. TAPS	EMERG. AIR	EMERG. POWER
High BR.	1		
MO	2		
BC	1		
NY	2		
W-	2		
SO	2		
AO	2		
C-JW	2-2		
SG	2		
JD	3	EM. CR	
DR	2	Yd. AIR	
KR	2		
SW	2		
E.E. RG TUN.	1		
WERG TUN.	-		
RG	2		
CP	2		
SZ	2	Pit. Yd. AIR	
UJ		Pit. Yd. AIR	
WG	2		
P.P. BR. Jct.	1		
R	2		
U.Jct.	1		
WK	1		
CM	3		Lighting
DV	2		Lighting
PGH Yd.			

EMERGENCY AIR SUPPLY (CONT.)				
LOCATION	No. Eng. Taps.	EMERGENCY AIR	EMERGENCY POWER	NORMAL POWER
HIGH BR.	1			440 VOLT LINE
MO	2			PENNA. COAL & COKE CO.
BC NY	1			440 VOLT LINE
W-	2			PENNA. CENTRAL CO.
SO	2			
AO	2			
C-JW	2-2			PENNA. ELECTRIC CO.
SG	2			
JD	3	EM. CRR		
DR	2	Yo. AIR		
KR	2			
SW	2			WEST PENN POWER CO.
E.E. RG TUN.	1			PITCAIRN OR SW- WEST PENN POWER CO.
W. RG TUN.	-			
RG	2			WEST PENN POWER CO.
CP	2			WEST PENN POWER CO.
SZ	2	Pit. Yo. AIR		PITCAIRN OR W.P. POWER CO.
UJ		Pit. Yo. AIR		
WG	2			
P.P. BRIDGE	1			Duquesne Light Co.
R	2			
U. JCT.	1			
WK	1			Pgh. Power Plant P.R.R.
CM	3		LIGHTLINE	Pgh. Power Plant P.R.R.
DV	2		LIGHTLINE	Pgh. Power Plant P.R.R.
Pgh. Yd.				PENNA. STA. POWER PLANT & 28 TH. ST. PLANT P.R.R. *
* DURING WINTER MONTHS				

MOTOR GENERATOR SETS									
LOCATION NO. OF SETS	MOTOR H.P.	MOTOR VOLT.	GEN. AMPS.	GEN. K.V.A.	MFG. OF GEN. SET	MFG. OF MOTOR	POWER SUP. Co.		
SLOPE-1	7	220	9.1	4			2200V-3PH. PEN. EL. CO.		
MG-1	7	220	9.1	4			2200V-3PH. PEN. C&C CO.		
AR-1	7	220	9.1	4			2200V-3PH. PEN. C&C CO.		
NY-1	7	220	9.1	4			220V-3PH. PEN. EL. CO.		
SO-1	7	220	9.1	4			220V-3PH. PEN. EL. CO.		
C-1	7	220	9.1	4			220V-3PH. PEN. EL. CO.		
SG-2	7	220	9.1	4			220V-3PH. PEN. EL. CO.		
JD-2	7	220	9.1	4			220V-3PH. PEN. EL. CO.		
TORRANCE	7	220	9.1	4			6900V-3PH. WEST PENN. CO.		
DR-1	7	220	9.1	4			220V-3PH. WEST PENN. CO.		
KR-1	7	220	9.1	4			220V-3PH. WEST PENN. CO.		
SW-1	7	220	9.1	4			220V-3PH. WEST PENN. CO.		
CP-1	7	220	9.1	4			220V-3PH. WEST PENN. CO.		
PITCAIRN-1	7	220	9.1	4			220V-3PH. P.R.R.		
R-1	7	220	9.1	4			2200V-3PH. Duq Lt. Co.		
CM-1	7	220	9.1	4			4400V-3PH. P.R.R.		
BU-1	7	220	9.1	4			4400V-3PH. P.R.R.		

AC-DC TRACK CIRCUIT		
TYPE OF TRACK CIRCUIT	TE	
DC #	SLOPE TO C	
AC	C INTERLOC	
DC *	C TO SG	
φ DC	SG INTERLOC	
φ DC	SG TO JD	
φ DC	SANG HOLL	
DC	JD INTERLOC	
DC *	JD TO TORRANCE	
DC *	TORRANCE	
φ DC	DR INTERLOC	
DC *	DR TO KR	
DC	KR INTERLOC	
φ DC	KR TO SW	
φ DC	SW INTERLOC	
DC *	SW TO RG	
φ DC	RG INTERLOC	
DC *	RG TO CP	
DC	CP INTERLOC	
DC *	CP TO SZ	
DC	SZ INTERLOC	
DC *	SZ TO WG	
DC	WG INTERLOC	
DC *	WG TO R	
DC	R INTERLOC	
DC *	R TO Pgh. Terminal	
AC	CM & WK IN	

* DC CODED φ No 100 ~ STA
DC CODED BETWEEN 2427

AC-DC TRACK CIRCUIT TERRITORY		
TYPE OF TRACK CIRCUIT	TERRITORY	
	DC #	SLOPE TO C "SEE NOTE 'A'
AC		C INTERLOCKING.
	DC *	C TO SG
	φ DC	SG INTERLOCKING.
	φ DC	SG TO JD
	φ DC	SANG HOLLOW EXTENSION
	DC	JD INTERLOCKING
	DC *	JD TO TOLERANCE
	DC *	TOLERANCE TO DR
	φ DC	DR INTERLOCKING
	DC *	DR TO KR
	DC	KR INTERLOCKING
	φ DC	KR TO SW
	φ DC	SW INTERLOCKING
	DC *	SW TO RG (EXCEPT TUNNEL)
	φ DC	RG INTERLOCKING
	DC *	RG TO CP
	DC	CP INTERLOCKING
	DC *	CP TO SZ
	DC	SZ INTERLOCKING
	DC *	SZ TO WG
	DC	WG INTERLOCKING
	DC *	WG TO R
	DC	R INTERLOCKING
	DC *	R TO PH. TERMINAL EXCL. CM & WK INTERLOCKINGS
AC		CM & WK INTERLOCKINGS
* DC CODED φ No 100 ~ STAND-BY		
# DC; CODED BETWEEN 2427 & 2445 & NY TO C		

T & T CIRCUITS		T & T CIRCUITS	
CIRCUITS		CIRCUITS	
F 1	PITTSBURGH - PHILADELPHIA TRUNK.	F43	PITTSBURGH
F 1 - F6 PHANTOM	PITTSBURGH - ALTOONA.	F43-F44 PHANTOM	PITTSBURGH
F6	PITTSBURGH - HARRISBURG TRUNK	F43	CONEMAUGH
F8	PITTSBURGH - PHILADELPHIA TRUNK	F43	CRESSON -
F8 - F9 PHANTOM	PITTSBURGH - PHILADELPHIA	F44	PITTSBURGH
F9	CHICAGO PHILADELPHIA TRUNK	F44	CRESSON - AL
F2 - PH. TO MO	BRANCH TRAIL WIRE	F51 TO F70	PITTSBURGH -
F2 - CRESS. TO ALT.	DIAL TRUNK.	81-82-83	POSTAL - PIT
F15	PITTSBURGH ALTOONA TRUNK	81-82-83	POSTAL - PIT
F15-F16 PHANTOM	ALTOONA - CONEMAUGH	81-82-83	POSTAL - GRE
F16	PITTSBURGH ALTOONA TRUNK	81-82	POSTAL - JON
F13	EAST END DISPATCHER	239	WESTERN UNIC
F13-F14 PHANTOM	PITTSBURGH - CONEMAUGH	240	WESTERN UNIC
F14	MESSAGE - PITTSBURGH - ALTOONA	F560	GREENSBURG
F11	WEST END TRAIL WIRE (JD-AO DEAD)	F560-F561 PHANTOM	GREENSBURG
F12	PATCH TO SW.	F561	GREENSBURG
F10	BLOCK WIRE. PITTSBURGH - ALTOONA	NOTE A - THE FOLLOWING LOCATIONS SIGNAL STANDBY PROTECTION. SLOPE TO 2427 2445 TO BENNY BENNY BENNY TO AR SF-AR-UN C	
F19	BRIDGE LINE		
F20 TO F22	PITCAIRN - GREENSBURG DIAL		
F24	PITCAIRN - GREENSBURG DIAL		
F41	PITTSBURGH - GREENSBURG DIAL		
F41	GREENSBURG - CONEMAUGH DIAL		
F41	CONEMAUGH - CRESSON DIAL		
F41	CRESSON - ALTOONA DIAL		
F42	PITTSBURGH - CONEMAUGH DIAL		
F41-F42 PHANTOM	GREENSBURG - CONEMAUGH		
F42	CONEMAUGH - ALTOONA DIAL		
F41-F42 PHANTOM	CONEMAUGH - CRESSON		
F41-F42 PHANTOM	CRESSON - ALTOONA		

T&T CIRCUITS	
CIRCUITS	
PHIA TRUNK.	F43 PITTSBURGH - GREENSBURG DIAL
PHIA TRUNK	F43-F44 PHANTOM PITTSBURGH - GREENSBURG
BURG TRUNK	F43 CONEMAUGH CRESSON (LOCAL)
ALPHIA TRUNK	F43 CRESSON - ALTOONA (LOCAL)
PHIA TRUNK	F44 PITTSBURGH - GREENSBURG (DIAL)
	F44 CRESSON - ALTOONA MESS. (W.U.OFFICE)
	F51 TO F70 PITTSBURGH - PITCAIRN DIAL
	81-82-83 POSTAL - PITTSBURGH - PITCAIRN
	81-82-83 POSTAL - PITCAIRN - GREENSBURG
	81-82-83 POSTAL - GREENSBURG - JOHNSTOWN
TRUNK	81-82 POSTAL - JOHNSTOWN - ALTOONA
	239 WESTERN UNION JOHNSTOWN - ALTOONA
	240 WESTERN UNION - JOHNSTOWN - ALTOONA
ALTOONA	F560 GREENSBURG - MONON. Div.
D-A0 DEAD)	F560-F561 PHANTOM GREENSBURG - MONON. Div.
	F561 GREENSBURG - MONON. Div.
GH-ALTOONA	NOTE A: THE FOLLOWING LOCATIONS ARE WITHOUT CAB SIGNAL STANDBY PROTECTION. SLOC E TO 2427 UN TO MO 2445 TO BENNY MO BENNY MO TO NY BENNY TO AR NY SF-AR-UN C

43 PP

NO. 207 SIGNAL CHART

PENNSYLVANIA RAILROAD
CENTRAL REGION

Telephone 7-1-54
PITTSBURGH
DIVISION
9499
9692

MAIN LINE

SCALE 1 INCH = 1 MILE (Automatic Section)

Office Supr. Telegr. & Signals
PITTSBURGH, PA.

CORRECT TO JUNE 15, 1954