BLOCKS INDICATE PANELS ARE
IN FIRST BLOCK-OUTER BLOCKS ARE
CONNECTED TO PANELS LEADING
TO CORNER NO 2 - SEE DIAGRAM

BLOCKS OF NEW PANEL
TO BE CONNECTED TO
CORNER 2 BLOCKS

VOLTAGE	WIRE COLOR	PRINT PAN. 2	PRINT PAN. 2	PRINT PAN. 1	G.T. PAN. 2	G.T. PAN. 2	G.T. PAN. 1	F.T. 5 PAN. 2	F.T. 5 PAN. 1	F.T. 2 PAN. 2	F.T. 1 PAN. 1	F.T. 1 PAN. 2	F.T. 20 PAN. 1	ACC. 20	ACC. 19	ACC. 18	ACC. 17	CORNER 2
550	W-R-Br-20	1-1																1-1
525	W-R-Gr-20	1-2																1-2
505	W-Gr-20	1-3																1-3
500	W-Bk-Br-20	1-4																1-4
Spare 3	W-O-R-20	1-5																1-5
460	W-R-Br-20	1-6																1-6
370	W-R-Gr-20	1-8																1-8
345	Br-R-20	1-10																1-10
330	Gr-Bk-20	1-11																1-11
Spare 2	Gr-20	1-12																1-12
290	Bk-20	1-13																1-13
265	Y-Bk-20	1-14								2-7		2-7						1-14
240	Br-R-20	1-15																1-15
225A	Gr-Bk-20	1-16																1-16
260	Gr-20	1-17								3-16		3-16						1-17
230	Bk-20	1-18								2-10		2-10						1-18
225B	Bk-Y-16	2-1					2-7	3-7	3-7	3-1	3-7	3-1	3-7	3-7	3-7	3-7	3-7	2-1
220	Y-Bk-20	2-2					=											2-2
200	R-Y-16	2-3	2-16,17,18			2-16								1				2-3
195	Br-R-20	2-4								2-11		2-11						2-4
160	Gr-Br-20	2-5																2-5
150A	R-18	2-6						3-9	3-9	2-6	3-16	2-6	3-16					2-6
150B	R-18	2-7												3-9	3-9	3-9	3-9	2-7
130	Gr-20	2-8	2-13,14,15															2-8
110A	Br-Bk-12	2-9						3-5	3-5					3-5	3-5	3-5	3-5	2-9
110B	"	2-10																2-10
110C	"	2-11					2-5			3-2	3-5	3-2	3-5					2-11
100	W-Br-16	2-12								2-2		2-2						2-12
95	Bk-20	2-13					2-6											2-13
80	Y-Bk-20	2-14								2-5		2-5						2-14
75	Bk-R-18	2-15	2-5				2-8	3-1	3-1	2-9	3-8	2-9	3-8	3-1	3-1	3-1	3-1	2-15
55A	W-Bk-18	2-16				3-1												2-16
55B	"	2-17				3-2												2-17
55C	"	2-18				3-3												2-18
55D	"	3-1				3-4												3-1
55E	"	3-2	2-6			3-5												3-2
55F	"	3-3																3-3
55G	"	3-4	2-9															3-4
50A	Br-Bk-12	3-5					2-8							3-2	3-2	3-2	3-2	3-5
50B	Br-Bk-12	3-6						3-2	3-2									3-6
50C	"	3-7																3-7
50D	"	3-8								3-3	3-2	3-3	3-2					3-8
25A	"	3-9									3-1		3-1					3-9
25B	"	3-10					2-1	3-1	3-1					3-1	3-1	3-1	3-1	3-10
20A	"	3-11	2-2,3,8															
20B	"	3-12					2-6	3-6	3-6	2-3	3-6	2-3	3-6	3-6	3-6	3-6	3-6	3-11
0A	"	3-13	2-4			2-11, 9, 12 10												3-12
0B	"	3-14				2-1												3-13
0C	"	3-15	2-1				2-3	3-3	3-3									3-14
0D	"	3-16								3-12	3-3	3-12	3-3	3-3	3-3	3-3	3-3	3-15
00	"	3-17								2-4	3-17	2-4	3-17					3-16
-1,9	"	3-18								2-1		2-1						3-17
-10	0-20	4-1					2-15	3-15	3-15		3-15		3-15	3-15	3-15	3-15	3-15	3-18
-40	W-Bk-18	4-2						3-18	3-16	3-18	3-16	3-14	3-16	3-16	3-16	3-16	3-16	4-1
-75	O-Br-20	4-3					3-6				2-6		2-6					4-2
-60	Bk-20	4-4						2-6	2-6					2-6	2-6	2-6	2-6	4-3
-65A	Br-Bk-12	4-5						3-17	3-17					3-17	3-17	3-17	3-17	4-4
-65B	"	4-6																4-5
-65C	"	4-7																4-6
-90	Y-Bk-20	4-8					2-13											4-7
-95	Br-R-20	4-9								3-15,16		3-15,16						4-8
-105	O-Bk-20	4-10					2-12	3-12	3-12	3-8	3-12	3-8	3-12	3-12	3-12	3-12	3-12	4-9
-115	Y-Bk-20	4-11						3-13	3-13					3-13	3-13	3-13	3-13	4-10
-120	O-20	4-12																4-11
-125	Br-R-20	4-13						3-16	3-16		1-14		1-14	3-16	3-16	3-16	3-16	4-12
-130A	W-Bk-18	4-14					2-11											4-13
-130B	"	4-15												3-11	3-11	3-11	3-11	4-14
-130C	"	4-16						3-11	3-11		3-11		3-11					4-15
-140	Br-R-20	4-17					3-16			3-13		3-13						4-16
-150	W-Br-16	4-18								3-17		3-17						4-17
-170	W-R-Br-20	5-1				2-12	3-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	2-5	4-18
-175	W-R-18	5-2								3-11		3-11						5-1
-180A	Br-Bk-12	5-3																5-2
-180B	"	5-4				2-5	2-14	3-14	3-14	2-14	3-14	2-14	3-14	3-14	3-14	3-14	3-14	5-3
-200	R-Bk-18	5-5				2-14	2-10	3-10	3-10	3-10	3-10	3-10	3-10	3-10	3-10	3-10	3-10	5-4
-235	O-20	5-6					3-15	2-15	2-15					2-15	2-15	2-15	2-15	5-5
-280	W-Br-16	5-7																5-6
-285	W-R-20	5-8				2-10	3-1	2-16 2-1	2-16 2-1	3-9 3-8	2-16 2-1	3-9 3-8	2-16 2-1	2-16 2-1	2-16 2-1	2-16 2-1	2-16 2-1	5-7
-295	Gr-Bk-20	5-9					3-17				3-13		3-13					5-8
-300	W-R-18	5-10																5-9
-295	Br-Bk-12	5-11				2-4	3-2	2-2	2-2		2-2		2-2	2-2	2-2	2-2	2-2	5-10
-300	W-R-Gr-20	5-12																5-11
-315	Y-Br-20	5-13					3-13	2-13	2-13	3-5	2-13	3-5	2-13	2-13	2-13	2-13	2-13	5-12
-320	W-Bk-18	5-14				2-11	2-4	2-4	2-4	3-7	2-4	3-7	2-4	2-4	2-4	2-4	2-4	5-13
-345A	W-18	5-15						2-5	2-5	3-6	2-5	3-6	2-5	2-5	2-5	2-5	2-5	5-14
-345B	W-R-Gr-20	5-16																5-15
-345C	"	5-17																5-16
-360	Br-Bk-12	5-18				2-6	3-18	2-14	2-14		1-17, 2-14, 16		1-17, 2-14, 16	2-14	2-14	2-14	2-14	5-17
-375	O-Bk-20	6-1						2-10	2-10		1-15		1-15	2-10	2-10	2-10	2-10	5-18
-385	W-R-20	6-2						2-17	2-17		2-17		2-17	2-17	2-17	2-17	2-17	6-1
-400	W-R-Gr-20	6-3					3-18	2-16	2-16		2-16		2-16	2-16	2-16	2-16	2-16	6-2
-415	W-R-Br-20	6-4																6-3
-425	W-R-Gr-20	6-5						2-7	2-7		2-7		2-7	2-7	2-7	2-7	2-7	6-4
-435	W-R-Gr-20	6-6																6-5
-450	Br-Bk-12	6-7					3-18	2-12	2-12		2-12		2-12	2-12	2-12	2-12	2-12	6-6
-470	W-R-20	6-8						2-11	2-11		2-11		2-11	2-11	2-11	2-11	2-11	6-7
-475	W-Bk-18	6-9					3-6	2-6	2-6		1-16, 2-8		1-16, 2-8	2-6	2-6	2-6	2-6	6-8
-555	Br-Bk-12	6-10																6-9
-595	W-R-O-20	6-11									3-9		3-9					6-10
-620	W-R-O-20	6-12									2-9		2-9					6-11
-680	W-G-20	6-13									2-10		2-10					6-12
-725	W-R-O-20	6-14									1-11, 12		1-11, 12					6-13
-750	W-G-20	6-15									1-10		1-10					6-14
-815	W-18	6-16									1-9		1-9					6-15
-835	R-R-Br-20	6-17									1-8		1-8					6-16
-920	W-G-20	6-18									1-7		1-7					6-17
	Printer Program OT	W-R-Br-20		2-1		2-15												6-18
	Printer Program	R-R-20		2-11														7-1
	Printer Reset Relay	Y-Bk-20		2-12														7-3
	Grace Finish	Br-O-20				2-2												7-6
	Reader Reset	Bk-20				2-3												7-4
	Reader Read. -115	W-R-O-20				2-7												7-5
	Reader Finish O.T.	W-R-Bk-20				2-15												7-7
	Initial Clear	Bk-20						3-8	3-8		3-8		3-8	3-8	3-8	3-8	3-8	7-9
	Reader Start Relay	B-G-20				2-17												7-8
	Spare 1	O-Bk-20																1-9

⊖ CABLE TO OUTLETS FOR PULSE AMPLIFIER SOCKETS AT CONSTANT TRANSMITTER-PANEL 3 IS CONNECTED TO D.C. AT BLOCKS IN CORNER NO 2

MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA

D.C. WIRING IN PULSE TRAIN

MATERIAL

Drawn by: E.G. 10-10-45
Checked by: G.Mac C. 10-15-45
Approved by:

PX-13-115 A

REVISIONS

SPACES 1,2 AND 3 ARE .375,
.325 = #20, #22GB WAS
#22S, 225A WAS PART OF
#275 LINE.

CHANGES REQUIRED FOR NEW PANEL INDICATED

1 Approved 12-12-45
2 Approved 1-24-46