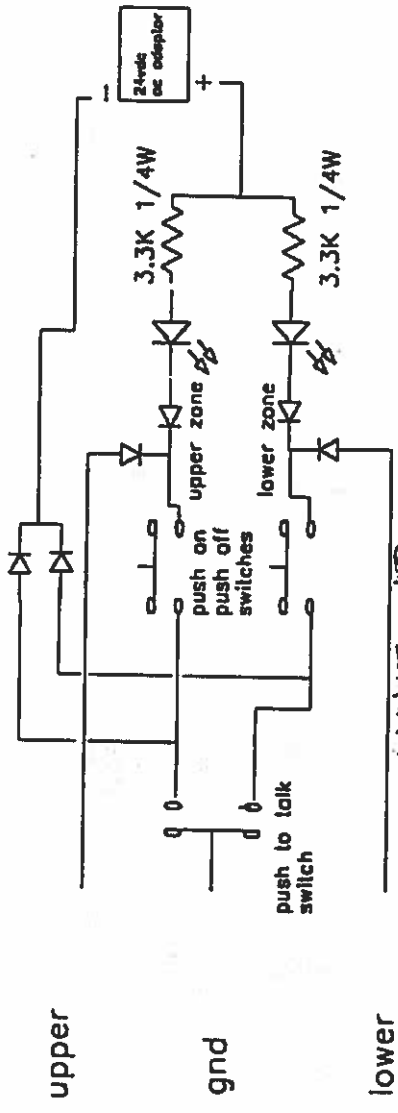


4 3 2 1

ZONE AND P.T.T SELECTION



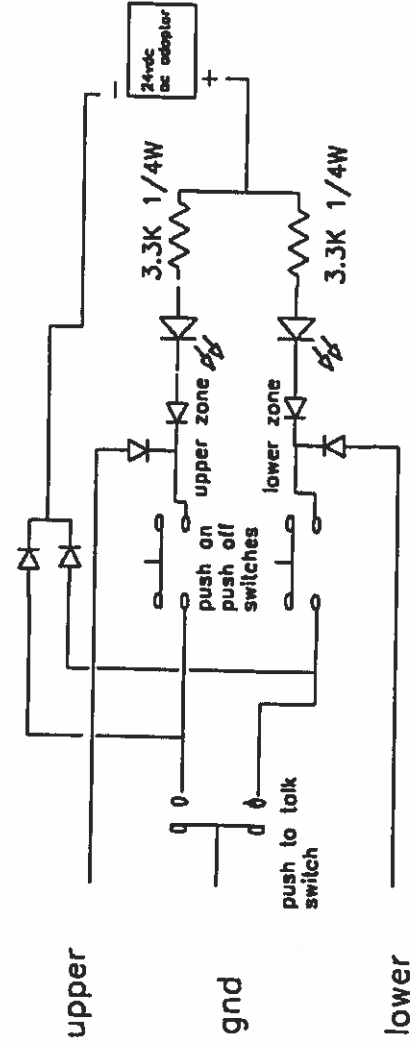
UNIT 12

~~special handing~~ upper operator panel

control box  
in L118  
electrical  
room



ZONE AND P.T.T SELECTION

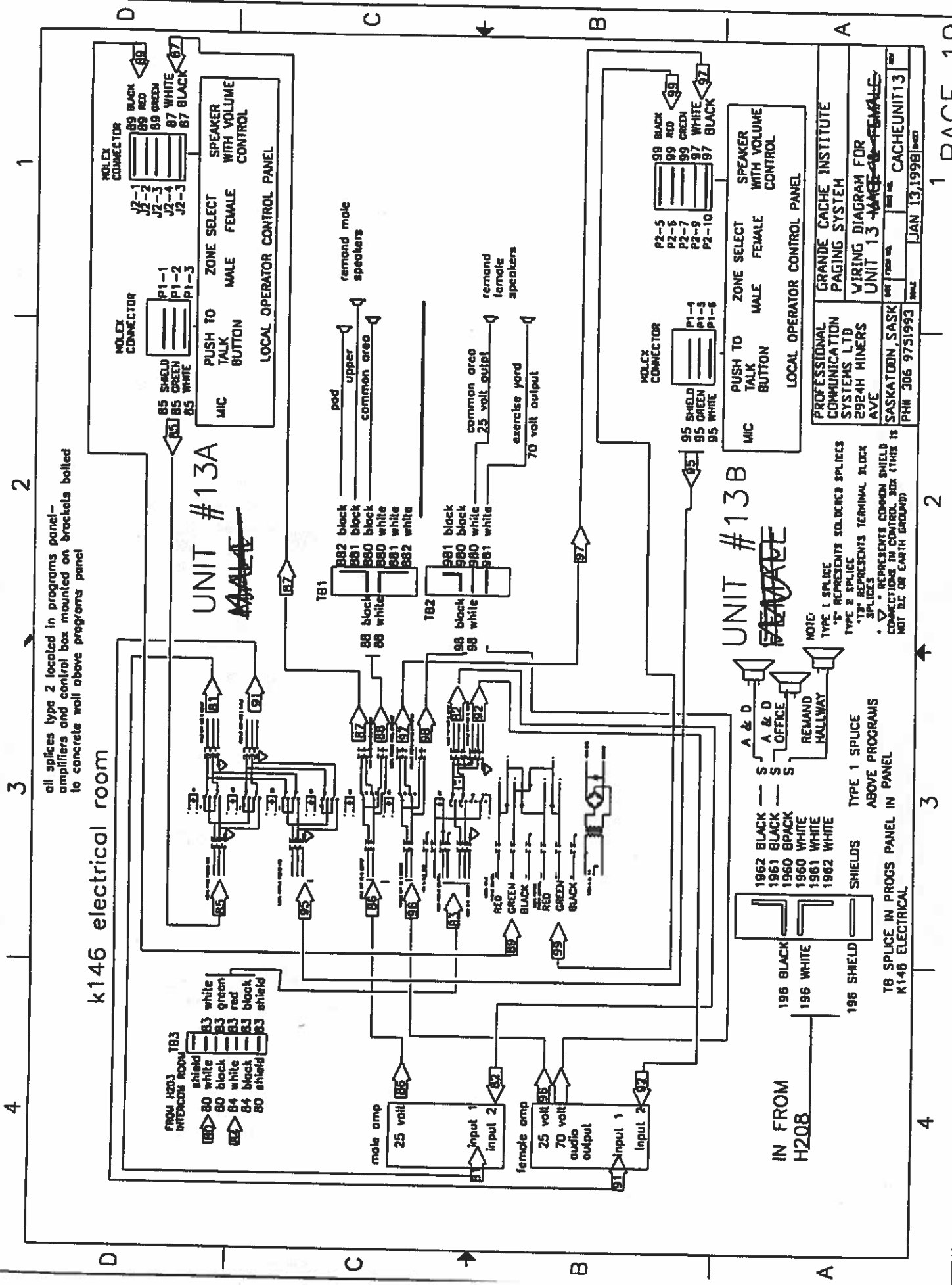


- Part# -----3180D12 or KSB1663
- LED -----IN4007
- DIODE -----3300 OHM 1/4 WATT
- RESISTOR -----MODE 68-242-1
- AC ADAPTOR

~~special handing~~ lower operator panel

UNIT 12

PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK	GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM FOR SPECIAL HANDLING UPPER AND LOWER OPERATORS panel
PHN 306 9751993	JAN 13, 1998
	Cachecpsh

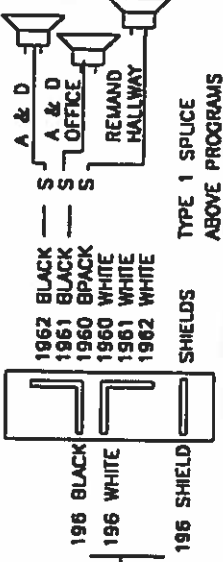


all splices type 2 located in programs panel—  
amplifiers and control box mounted on brackets bolted  
to concrete wall above programs panel

k146 electrical room

UNIT #13A  
~~MALE~~

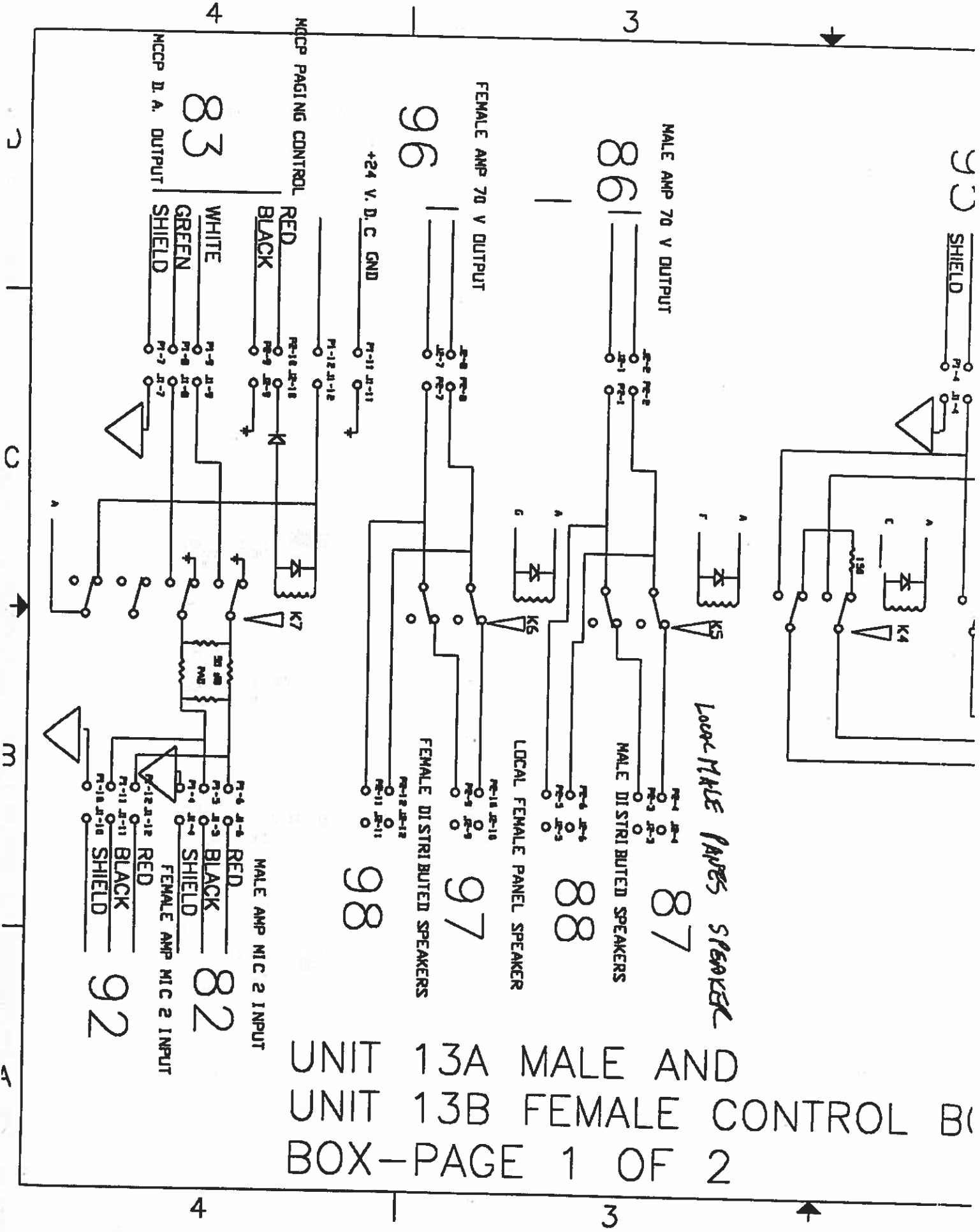
UNIT #13B  
~~FEMALE~~



NOTE:  
TYPE 1 SPLICE  
TYPE 2 SPLICE  
TYPE 3 SPLICE  
\* REPRESENTS SOLDERED SPLICES  
\* 'T' REPRESENTS TERMINAL BLOCK SPLICES  
\* REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THRU IS NOT DC OR EARTH GROUND)

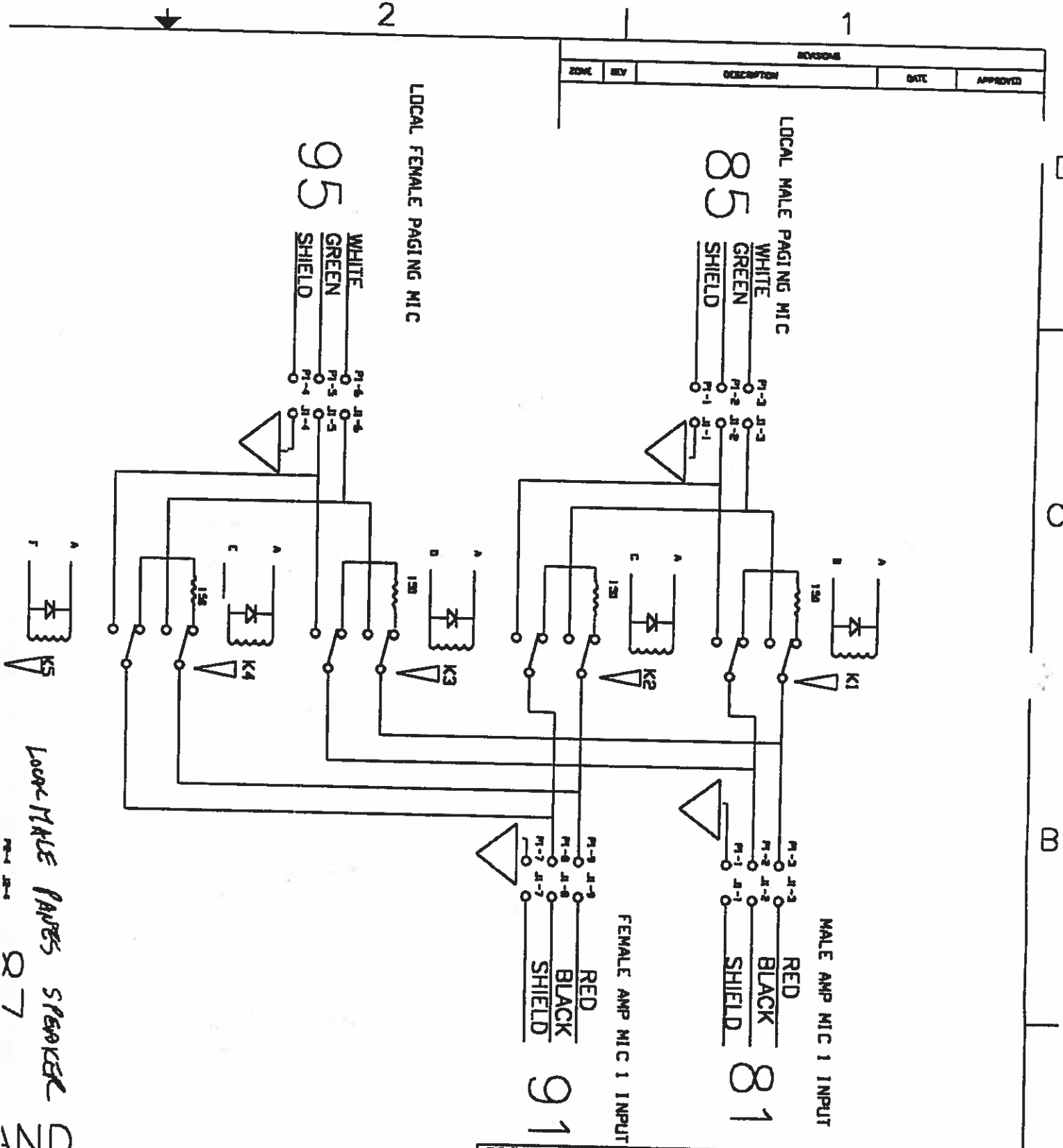
PROFESSIONAL COMMUNICATION SYSTEMS LTD  
2924H MINERS AVE  
SASKATOON, SASK  
S4N 1Y6 CAN. TEL. 306 9751993  
FAX 306 9751993  
JAN 13, 1998

GRANDE CACHE INSTITUTE PAGING SYSTEM  
WIRING DIAGRAM FOR  
UNIT 13 ~~MALE~~ ~~FEMALE~~  
SERIAL NO. \_\_\_\_\_  
CACHUEUNIT13



UNIT 13A MALE AND  
 UNIT 13B FEMALE CONTROL BOX  
 BOX - PAGE 1 OF 2

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

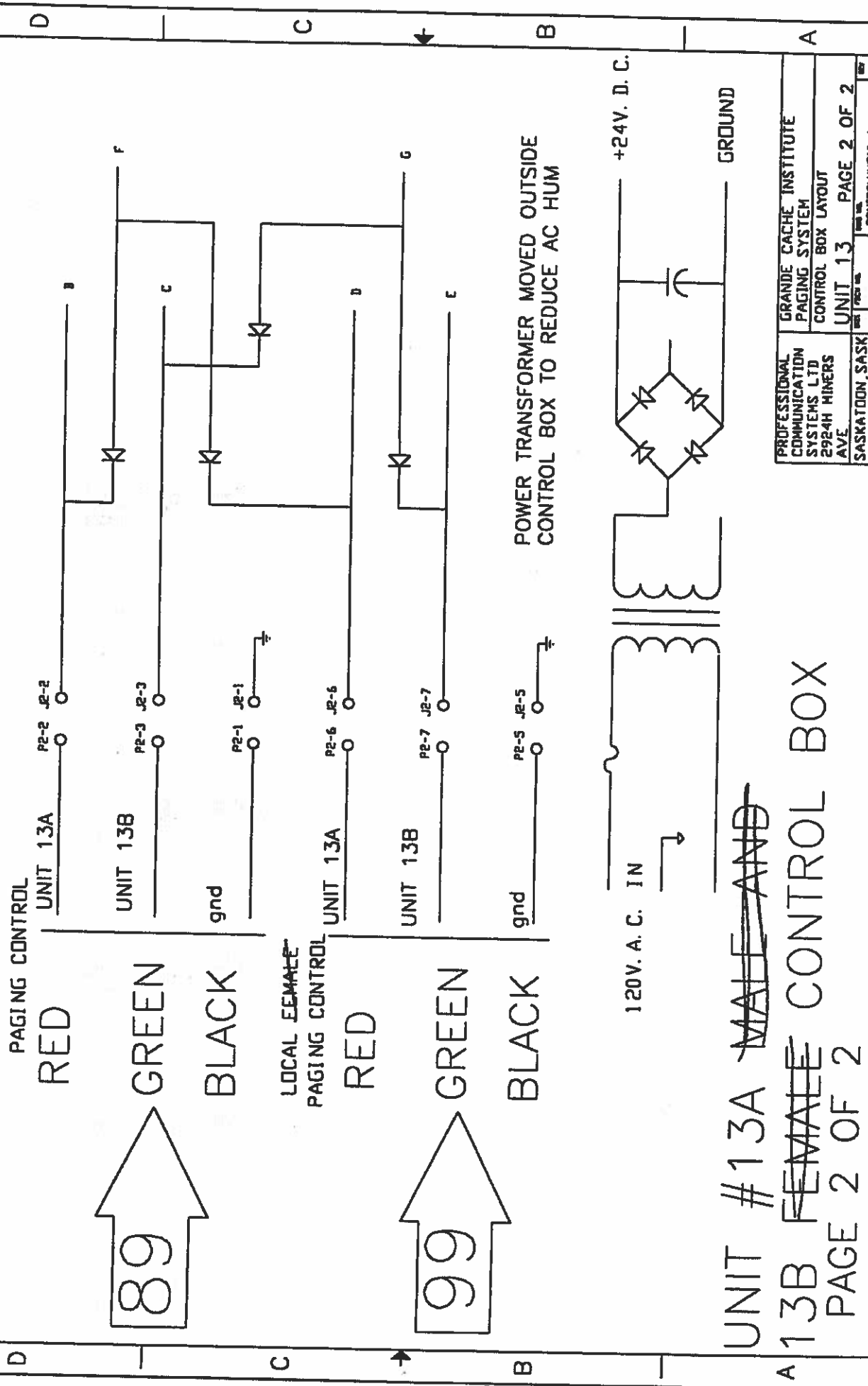


*LOOK MALE PAPERS SPEAKER AND*

CONTROL BOX

PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK PH# 306 9751993	GRANDE CACHE INSTITUTE PAGING SYSTEM		
	CONTROL BOX LAYOUT UNIT 13 1 Of 2		
REV	FROM NO.	DATE	REV
		JAN 13, 1998	CONTROLUNIT13

4 3 2 1



~~LOCAL MALE~~

PAGING CONTROL

UNIT 13A

P2-2 J2-2

RED

UNIT 13B

P2-3 J2-3

GREEN

BLACK

gnd

P2-1 J2-1

~~LOCAL FEMALE~~

PAGING CONTROL

UNIT 13A

P2-6 J2-6

RED

UNIT 13B

P2-7 J2-7

GREEN

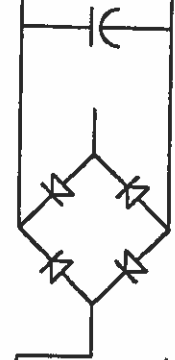
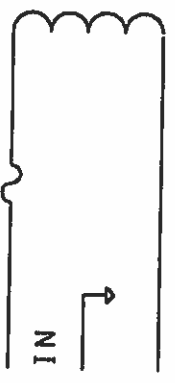
BLACK

gnd

P2-5 J2-5

POWER TRANSFORMER MOVED OUTSIDE CONTROL BOX TO REDUCE AC HUM

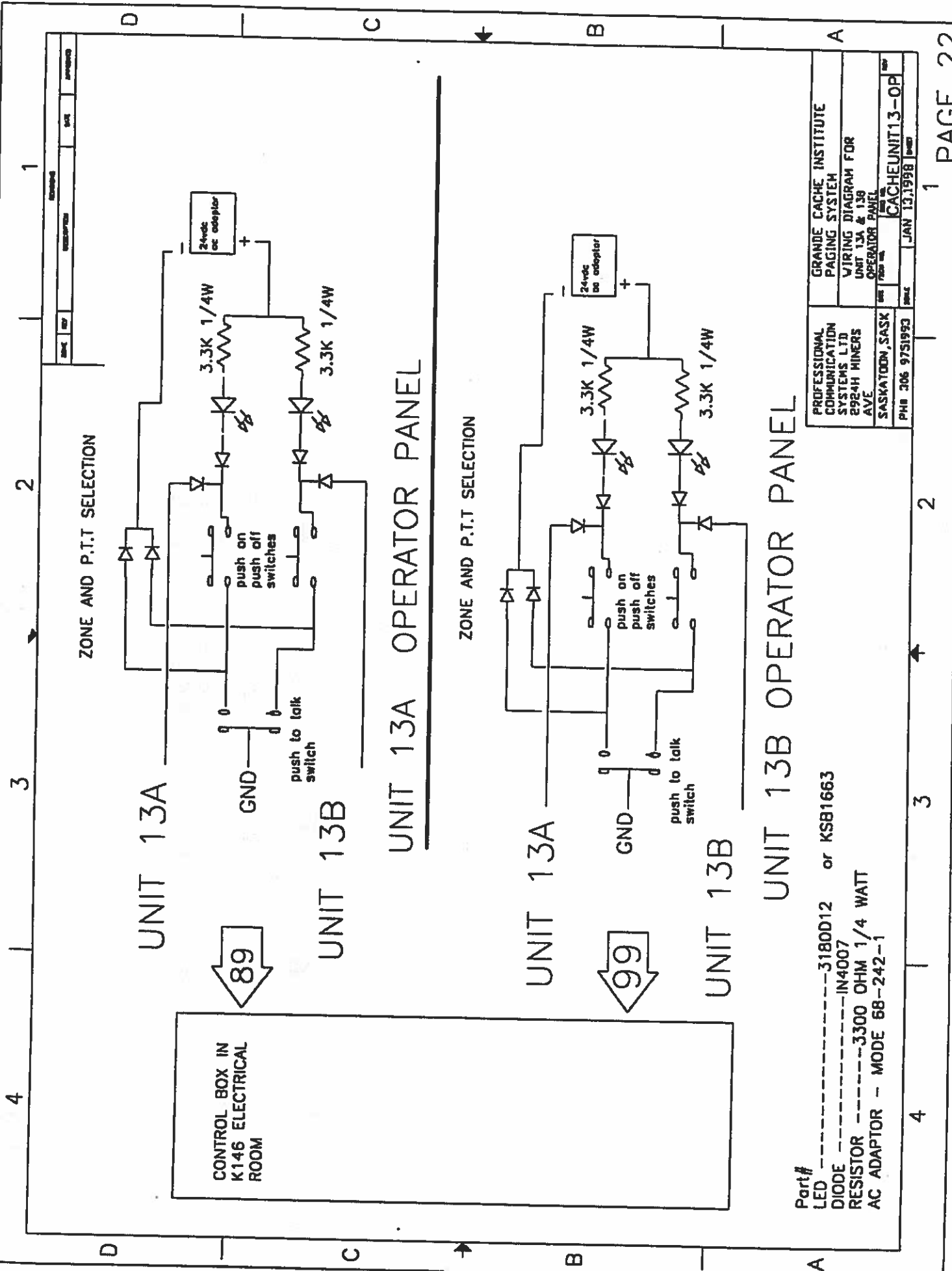
120V. A. C. IN



+24V. D. C.

UNIT #13A ~~MALE AND~~  
 A 13B ~~FEMALE~~ CONTROL BOX  
 PAGE 2 OF 2

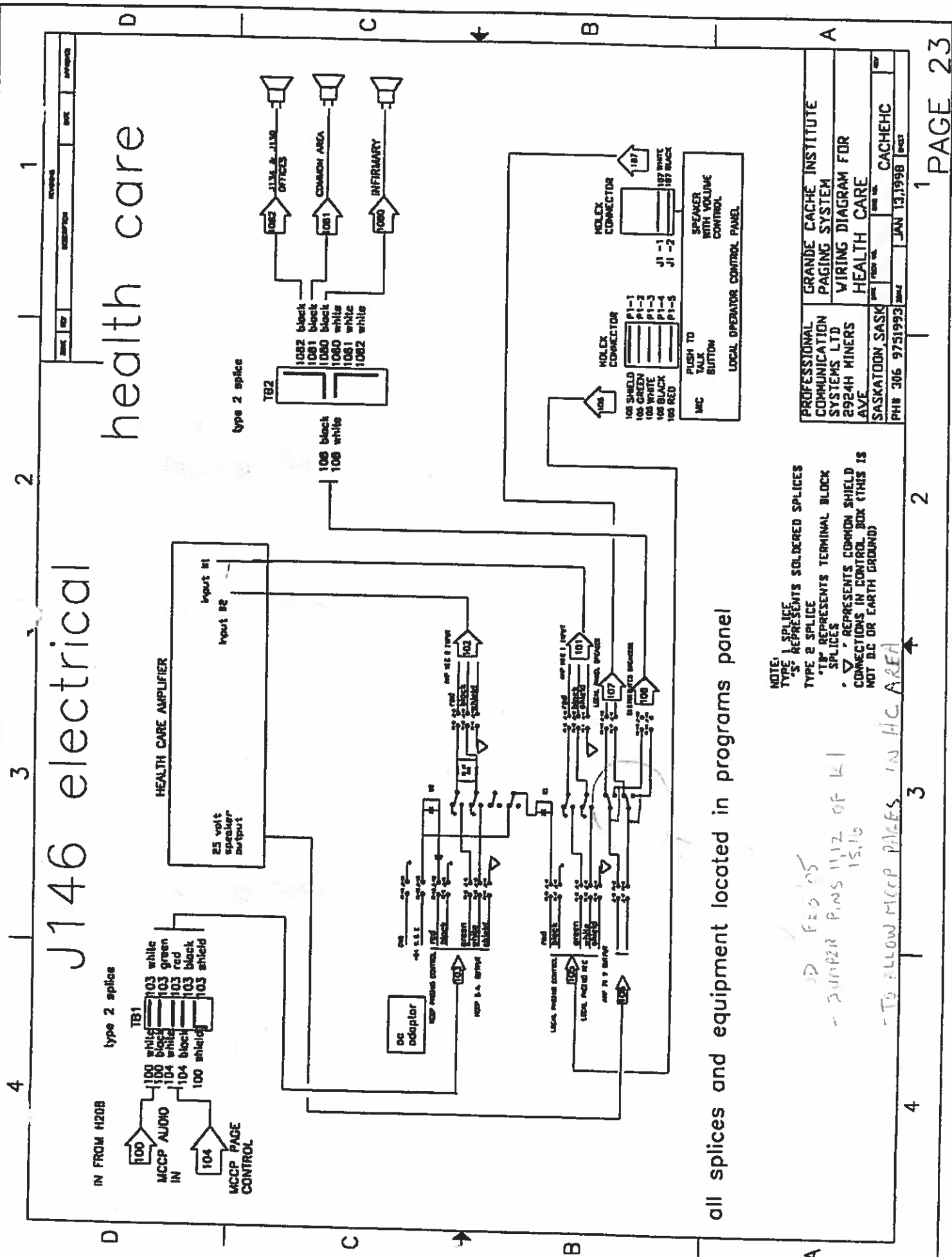
PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H HINERS AVE SASKATOON, SASK PH# 306 9751993	GRANDE CACHE INSTITUTE PAGING SYSTEM CONTROL BOX LAYOUT UNIT 13 PAGE 2 OF 2
DATE: JAN 13, 1998	REV: CONTROL UNIT 13-1



REV	DATE	BY	APP'D

PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK S4N 1A3	GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM FOR UNIT 13A & 13B OPERATOR PANEL
PHB 306 9751993	CACHEUNIT13-OP
JAN 13, 1998	REV

- Part#
- LED -----3180D12 or KSB1663
  - DIODE -----IN4007
  - RESISTOR -----3300 OHM 1/4 WATT
  - AC ADAPTOR - MODE 68-242-1



# J146 electrical

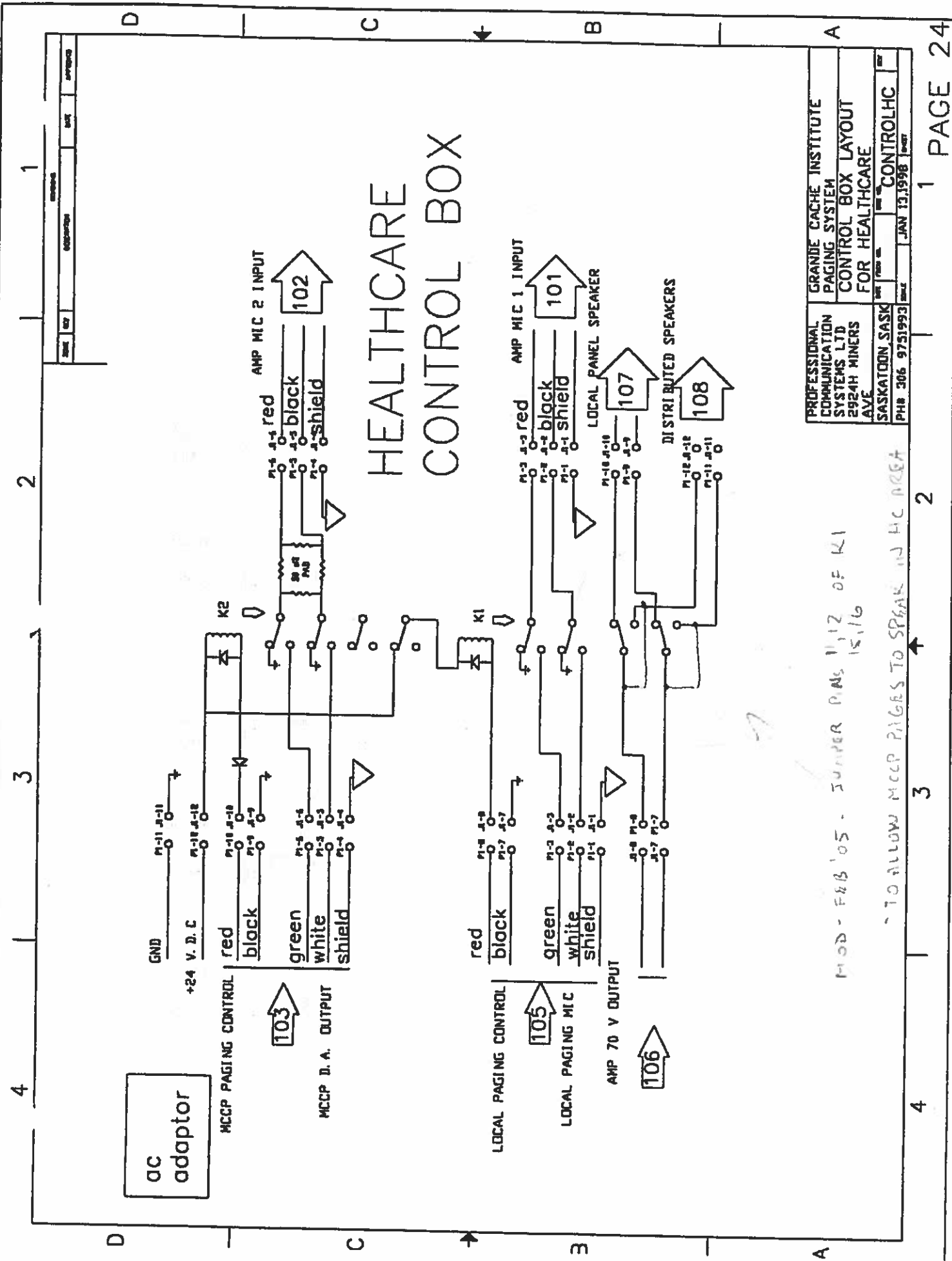
# health care

all splices and equipment located in programs panel

- NOTE:  
 TYPE 1 SPLICE REPRESENTS SOLDERED SPLICES  
 TYPE 2 SPLICE REPRESENTS TERMINAL BLOCK SPLICES  
 'TP' REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THIS IS NOT DC OR EARTH GROUND)

ADD PINS 11, 12 OF K1  
 15, 16  
 - TO ALLOW MCCP PAGES IN HC AREA

PROFESSIONAL COMMUNICATION SYSTEMS LTD	GRANDE CACHE INSTITUTE
2924H MINERS AVE	PAGING SYSTEM
SASKATOON, SASK	WIRING DIAGRAM FOR HEALTH CARE
PH 306 9731993	DATE: JAN 13, 1998
	BY: CACHEHC



PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK PH 306 9751993	GRANDE CACHE INSTITUTE PAGING SYSTEM CONTROL BOX LAYOUT FOR HEALTHCARE	DATE: [ ] [ ] [ ] [ ] [ ] [ ] REV: [ ] [ ] [ ] [ ] [ ] [ ] DRAWN BY: [ ] [ ] [ ] [ ] [ ] [ ] CHECKED BY: [ ] [ ] [ ] [ ] [ ] [ ] DATE: JAN 13, 1998
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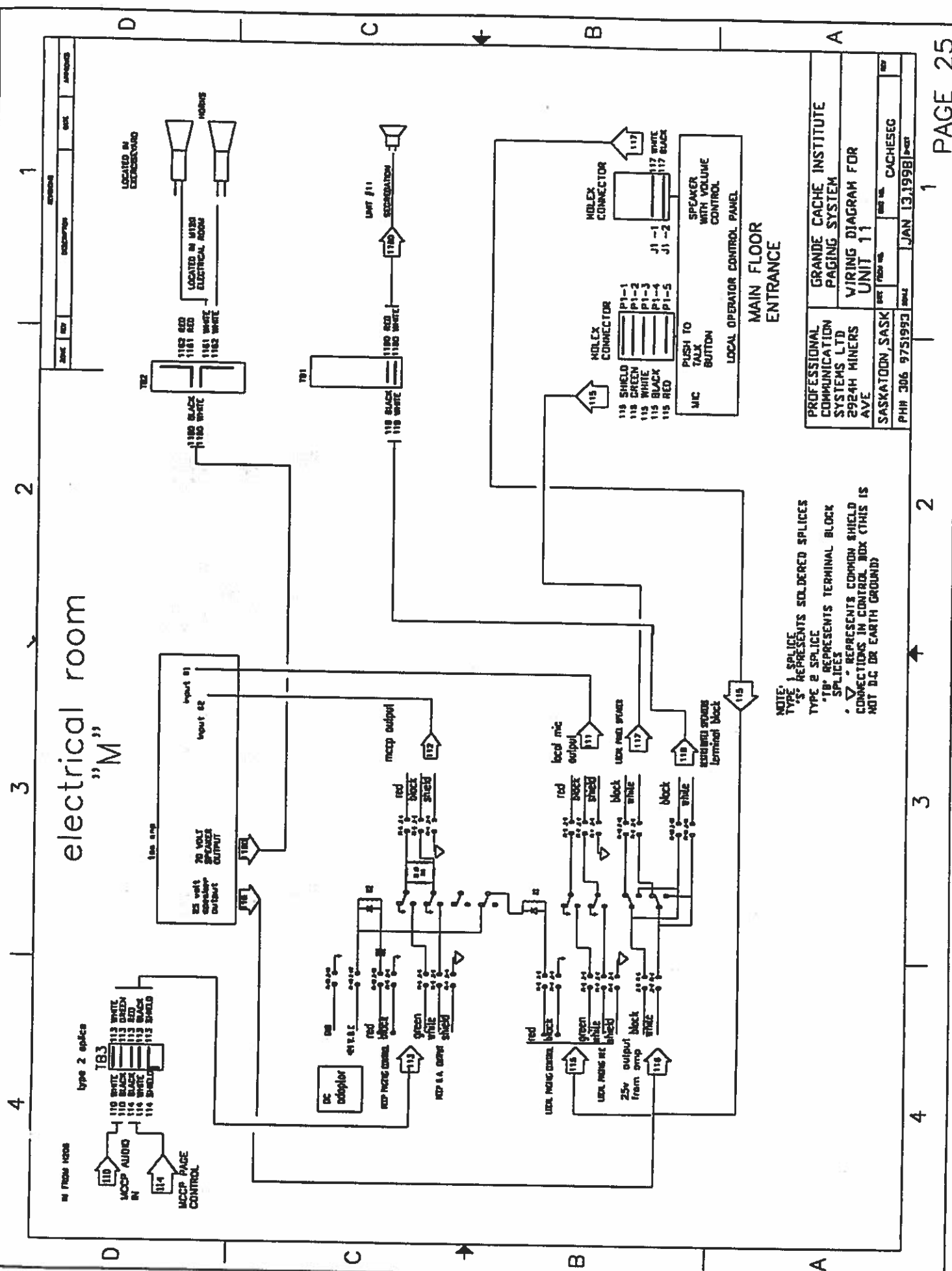
MOD - FEB '05 - JUMPER PINS 1, 12 OF K1  
15, 16

TO ALLOW MCP PAGES TO SPEAK IN MIC AREA

1 2 3 4

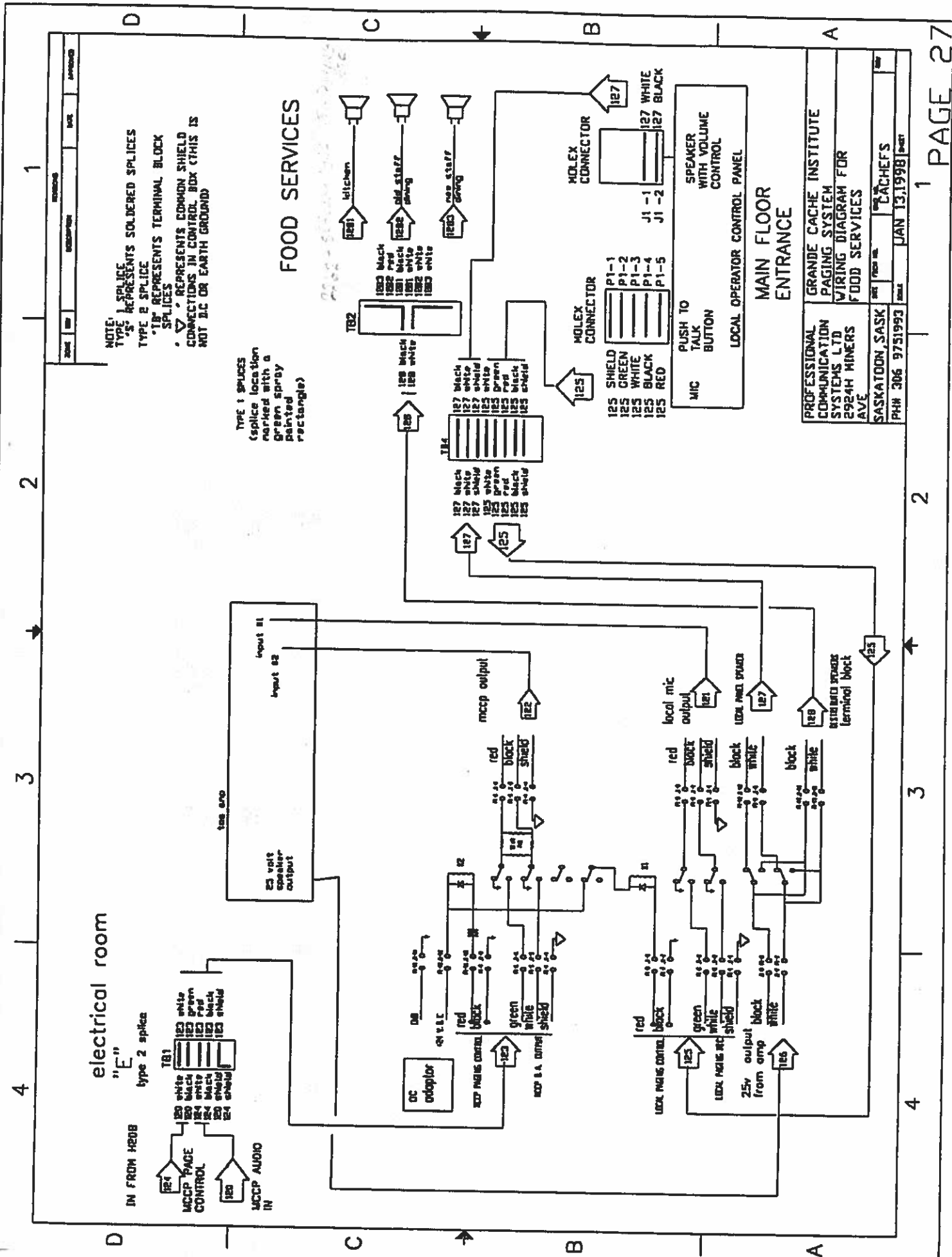


# electrical room "M"



NOTE: 1. SPLICE TYPE 1 REPRESENTS SOLDERED SPLICES  
 2. SPLICE TYPE 2 REPRESENTS TERMINAL BLOCK SPLICES  
 \*TB\* REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THIS IS NOT D.C. OR EARTH GROUND)

PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK PH# 306 9751993	GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM FOR UNIT 11	DATE: 13.1998 BY: CACHSEC
--	--	------------------------------



electrical room  
"E"

NOTE:  
TYPE 1 SPLICE REPRESENTS SOLDERED SPLICES  
TYPE 2 SPLICE REPRESENTS TERMINAL BLOCK SPLICES  
TYPE 3 SPLICE REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THIS IS NOT D.C. OR EARTH GROUND)

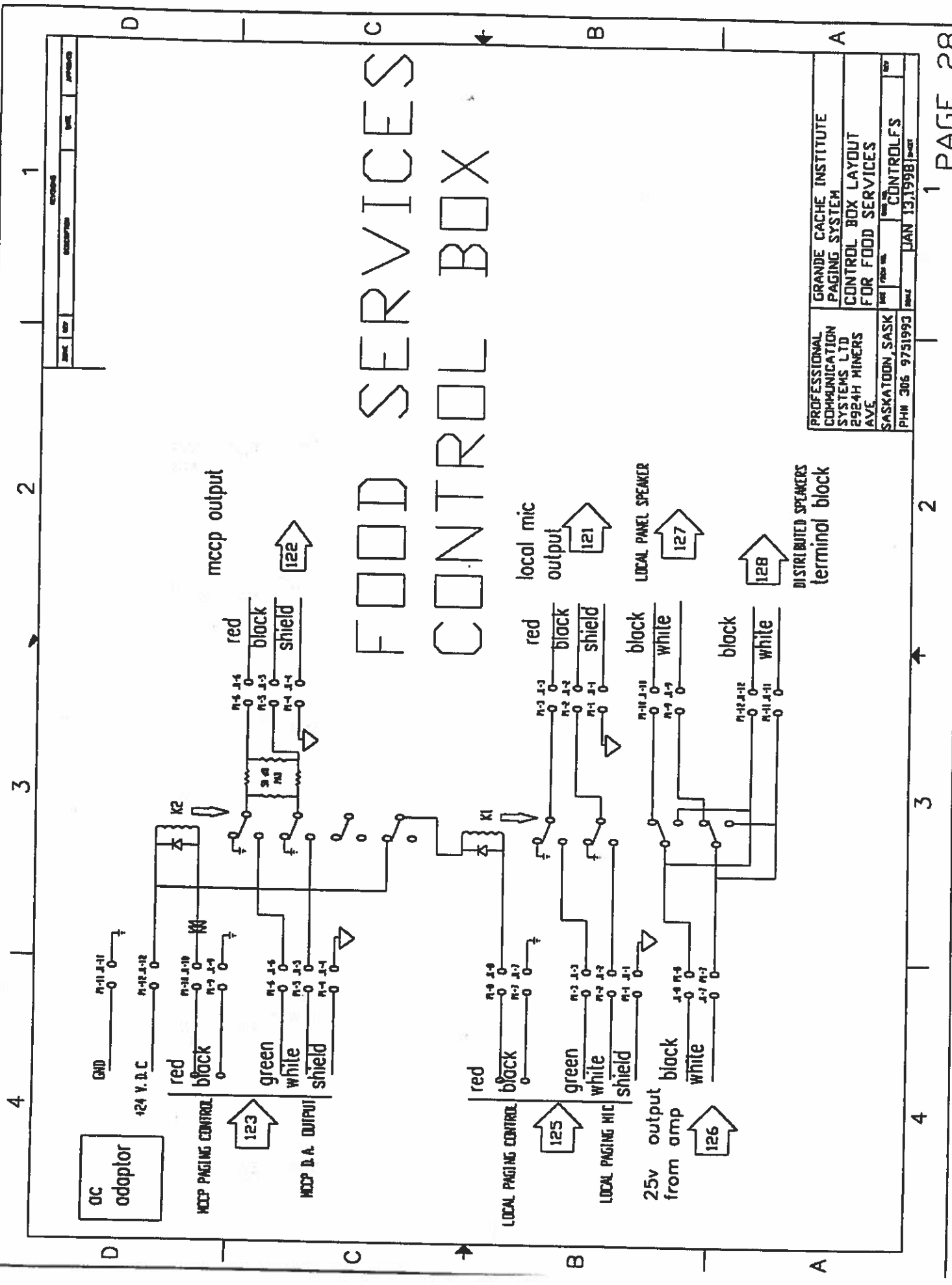
TYPE 1 SPLICES (splice location marked with a green spray painted rectangle)

FOOD SERVICES

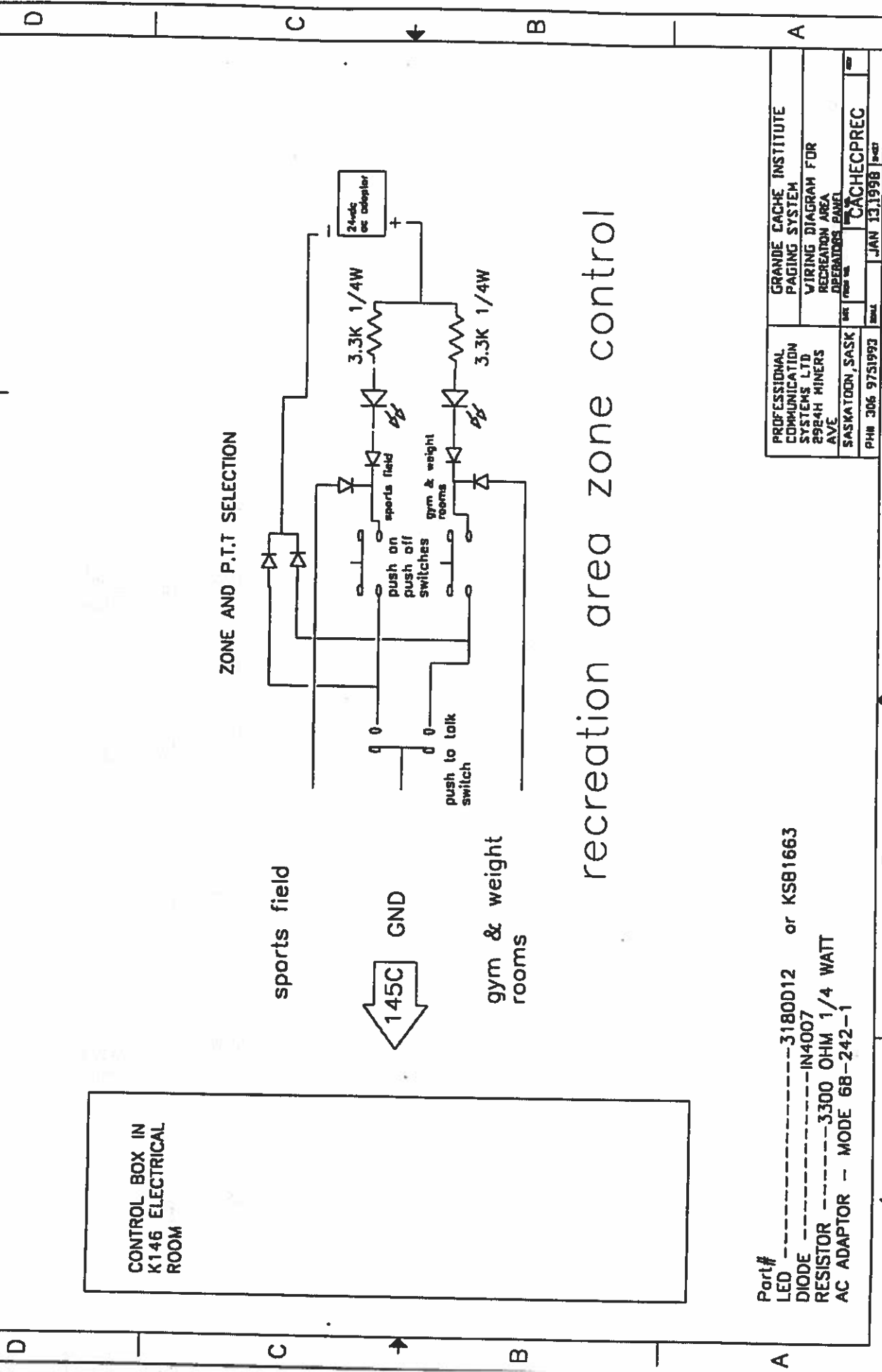
MAIN FLOOR ENTRANCE

PROFESSIONAL COMMUNICATION SYSTEMS LTD	2924H MINERS AVE	SASKATOON, SASK	PHN 306 9751993
GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM FOR FOOD SERVICES			
		CACHEFS	JAN 13, 1998

# FOOD SERVICES CONTROL BOX



4 3 2 1



- Part#
- LED -----3180D12 or KSB1663
  - DIODE -----IN4007
  - RESISTOR -----3300 OHM 1/4 WATT
  - AC ADAPTOR - MODE 68-242-1

PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK	GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM FOR RECREATION AREA OPERATORS PANEL
PH# 306 9751993	DATE: (month/year) JAN 13, 1998

# RECREATION CONTROL BOX

## PAGE 1 OF 2

LOCAL PAGING MIC  
white green shield  
P2-3  
P2-2  
P2-1

NCCP OUTPUT D.A.  
white green shield  
P2-6  
P2-5  
P2-4

AUX INPUT  
TUNER INPUT

SPORTSFIELD AMP MIC 1 INPUT

GYM & WEIGHT ROOMS AMPS MIC 1 INPUT

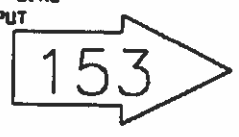
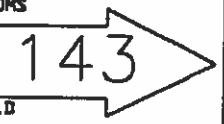
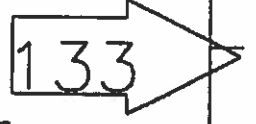
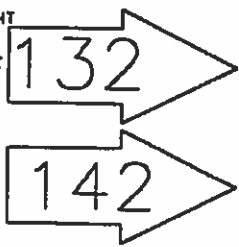
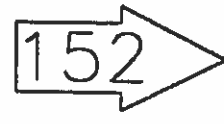
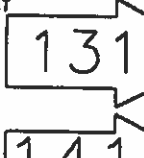
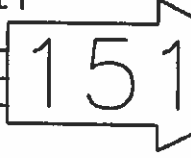
SPORTSFIELD AMP MIC 2 INPUT

GYM & WEIGHT ROOMS AMPS MIC 2 INPUT

GYM AMP LINE INPUT

WEIGHT ROOMS AMP LINE INPUT

SPORTSFIELD AMP LINE INPUT



GRANDE CACHE INSITUATE  
PAGING SYSTEM  
CONTROL BOX LAYOUT  
RECREATION

PROFESSIONAL COMMUNICATION SYSTEMS LTD  
2924H MINERS AVE  
SASKATOON, SASK  
PH# 306 9751993

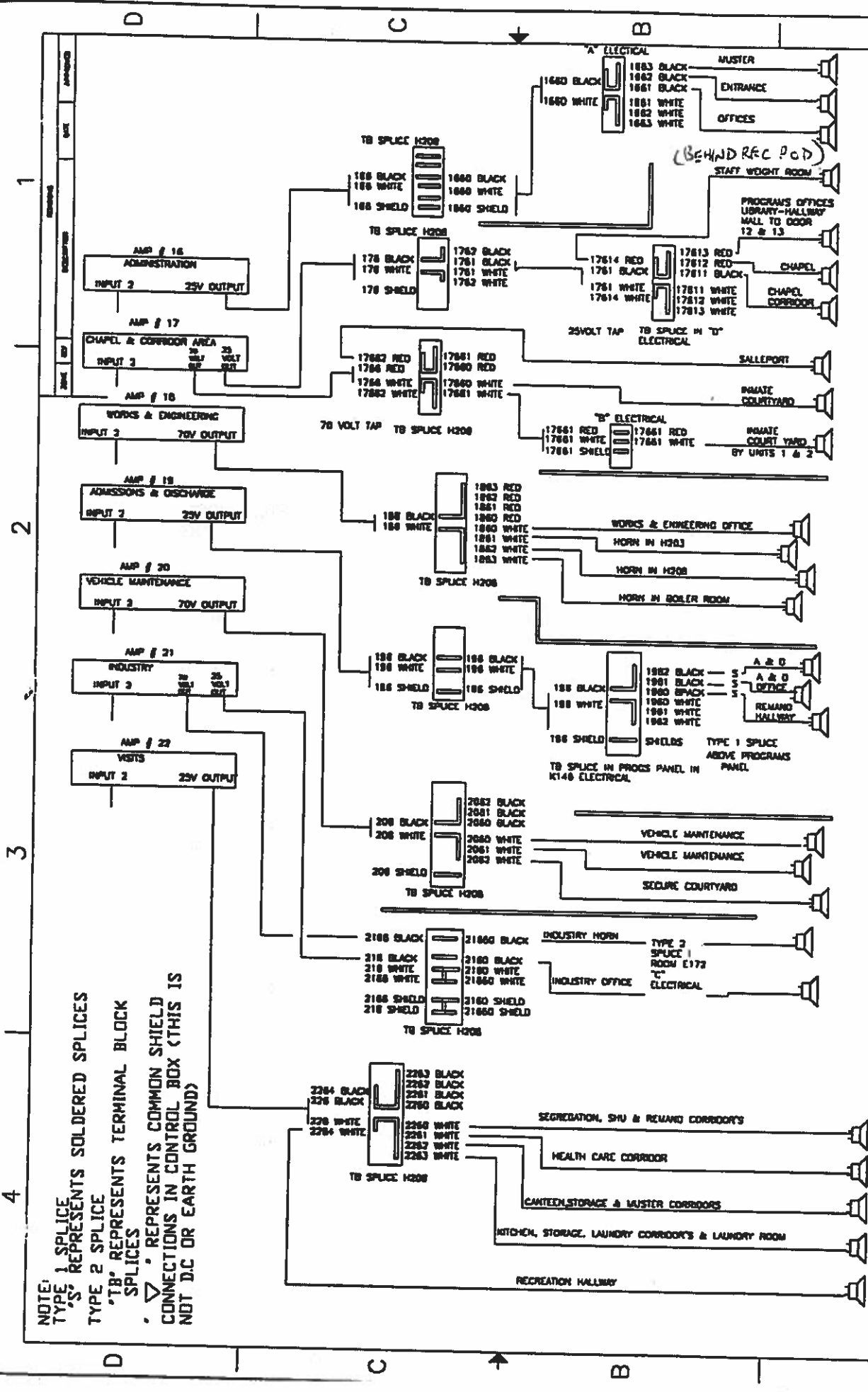
REV	DATE	BY	APP
1	JAN 13, 1998		
CONTROL REC 1			

PROFESSIONAL COMMUNICATION SYSTEMS LTD  
 2924H MINERS AVE  
 SASKATOON, SASK  
 PHN 306 9751993

GRANDE CACHE INSTITUTE  
 PAGING SYSTEM  
 WIRING DIAGRAM OF INMATE ACCESS AREAS  
 PAGE 1 OF 2

DATE: JAN 13, 1998  
 BY: CACHEIAZ1

INMATE ACCESS ZONE



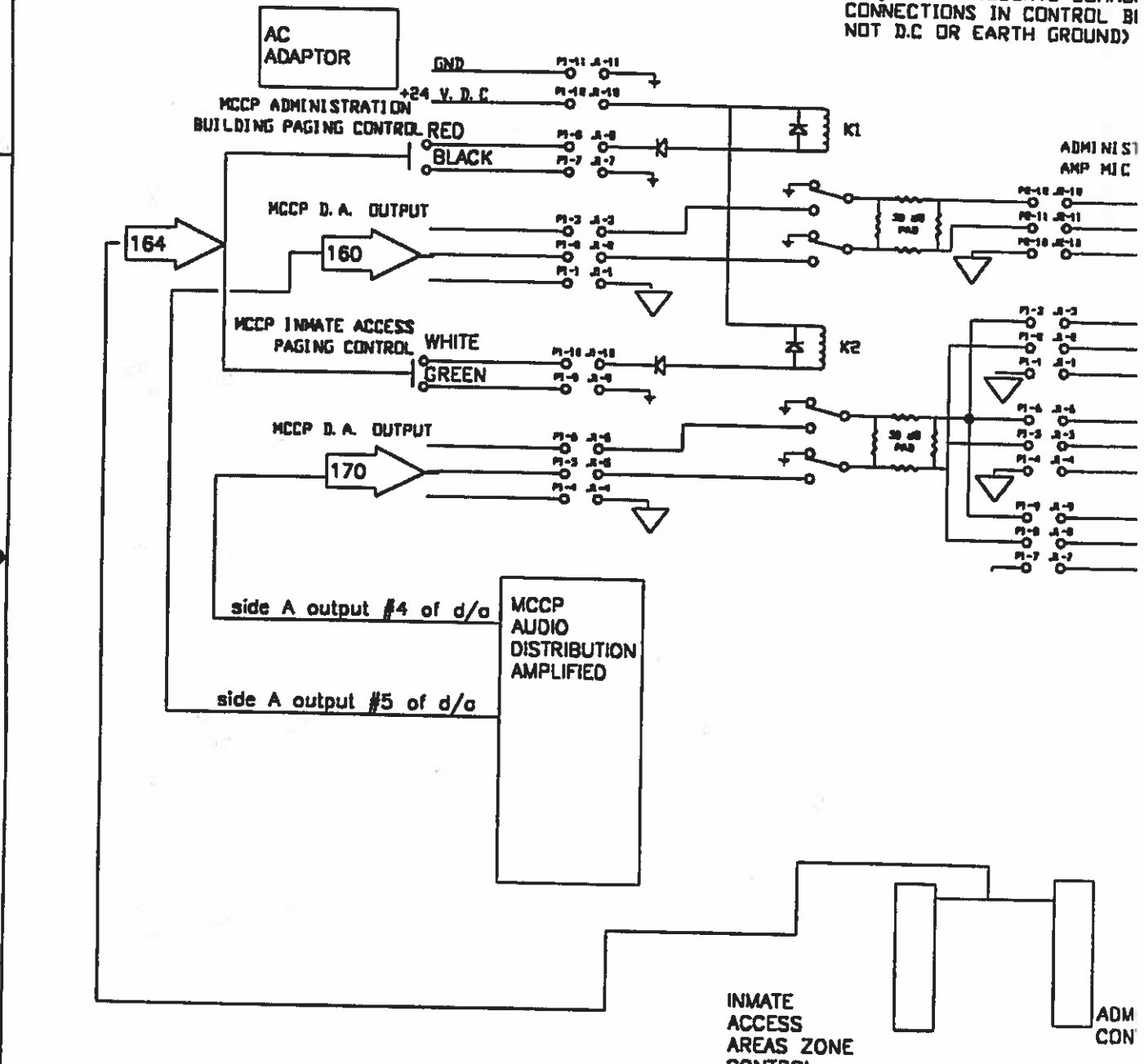
NOTE:  
 TYPE 1 SPLICED SOLDERED SPLICES  
 TYPE 2 SPLICED SOLDERED SPLICES  
 TYPE 2 SPLICE  
 'TB' REPRESENTS TERMINAL BLOCK SPLICES  
 'S' REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THIS IS NOT D.C. OR EARTH GROUND)

2

3

4

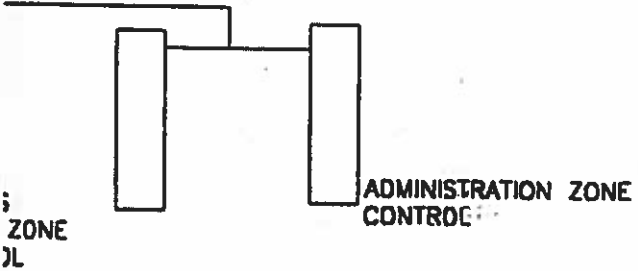
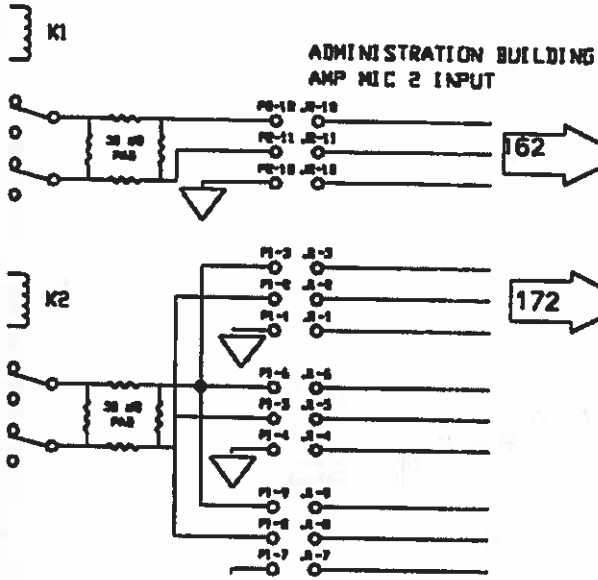
NOTE:  
 TYPE 1 SPLICE  
 "S" REPRESENTS SOLDERED  
 TYPE 2 SPLICE  
 "TB" REPRESENTS TERMINAL  
 SPLICES  
 "▽" REPRESENTS COMMON  
 CONNECTIONS IN CONTROL BUT  
 NOT D.C OR EARTH GROUND



TYPE 2 SPLICE  
 CHECK WIRING DIAGRAM FOR  
 CONTROL FOR EXACT WIRING

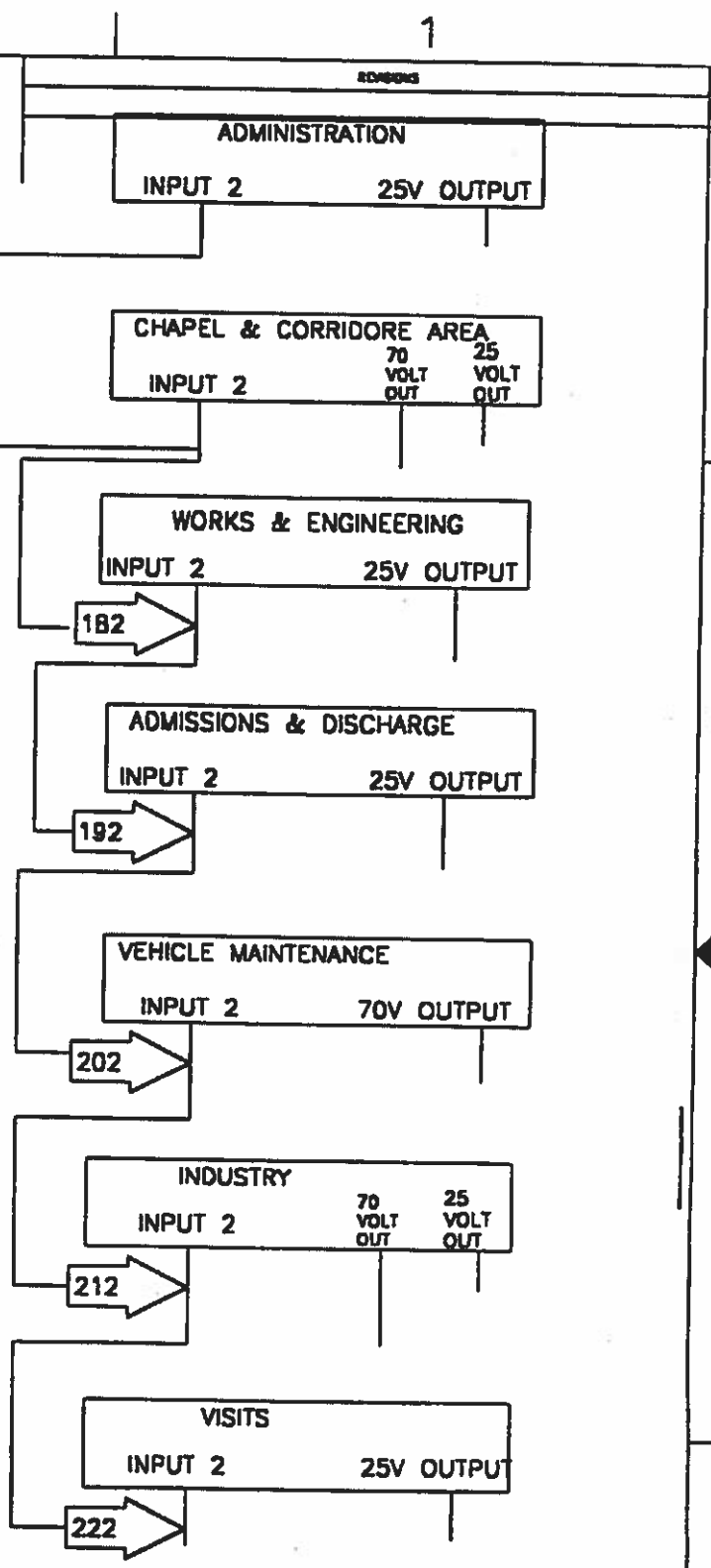
MCCP PAGE ZONES ONLY  
 NO LOCAL CONTROL

NOTE:  
 TYPE 1 SPLICE  
 'S' REPRESENTS SOLDERED SPLICES  
 TYPE 2 SPLICE  
 'TB' REPRESENTS TERMINAL BLOCK SPLICES  
 '▽' REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THIS IS NOT D.C OR EARTH GROUND)



TYPE 2 SPLICE  
 CHECK WIRING DIAGRAM FOR ZONE CONTROL FOR EXACT WIRING

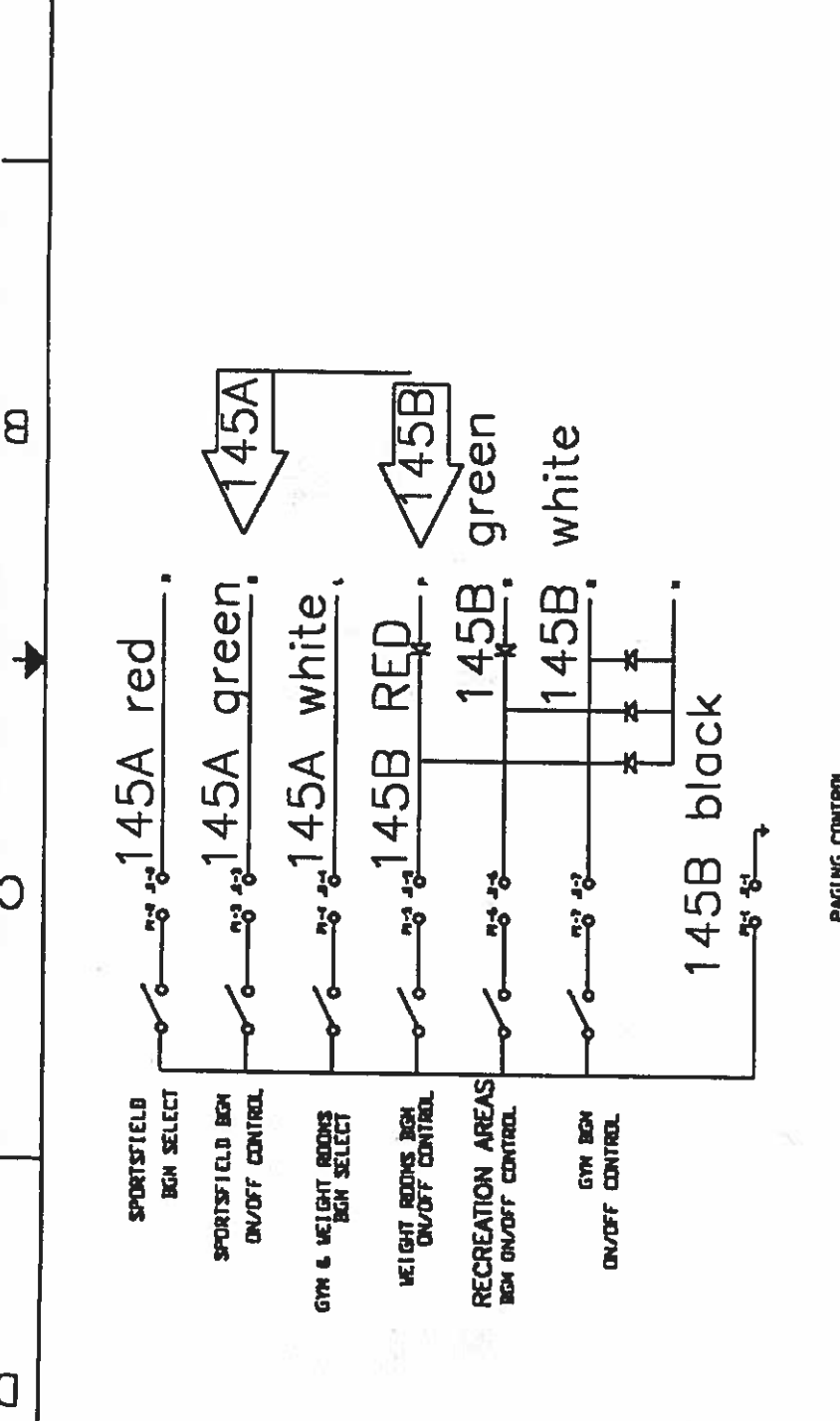
ONLY



PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK PH# 306 9751993		GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM OF INMATE ACCESS AREAS PAGE 2 OF 2 CACHEIA22 JAN 13, 1998	
SIZE	FORM NO.	DATE	REV

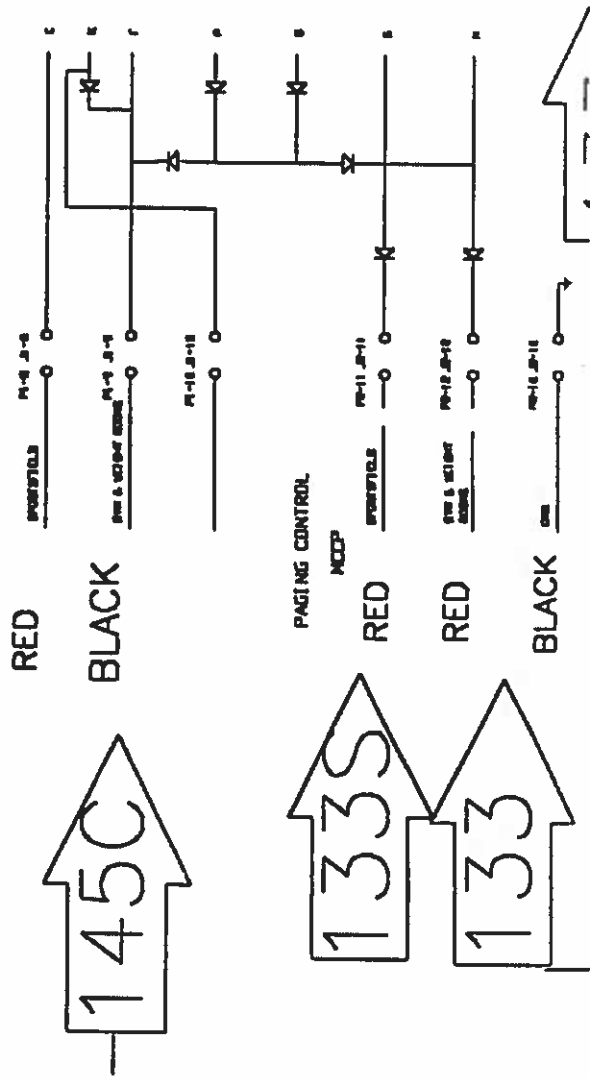


PH# 306 9751993		SASKATON, SASK	
REC. NO.	REC. NO.	REC. NO.	REC. NO.
CONTROLREC2		CONTROLREC2	
RECREATION PAGE 2 OF 2		RECREATION PAGE 2 OF 2	
GRANDE CACHE INSTITUTE		PAGING SYSTEM	
COMMUNICATION		SYSTEMS LTD	
AVE		2924H MINERS	
SASKATON, SASK		SASKATON, SASK	



ZONE	REV	REVISION	DATE	APPROVED

2



TERMINAL BLOCK  
 LEADERD SPLICES  
 COMMON SHIELD  
 CONTROL BOX (THIS IS  
 ROUND)

2

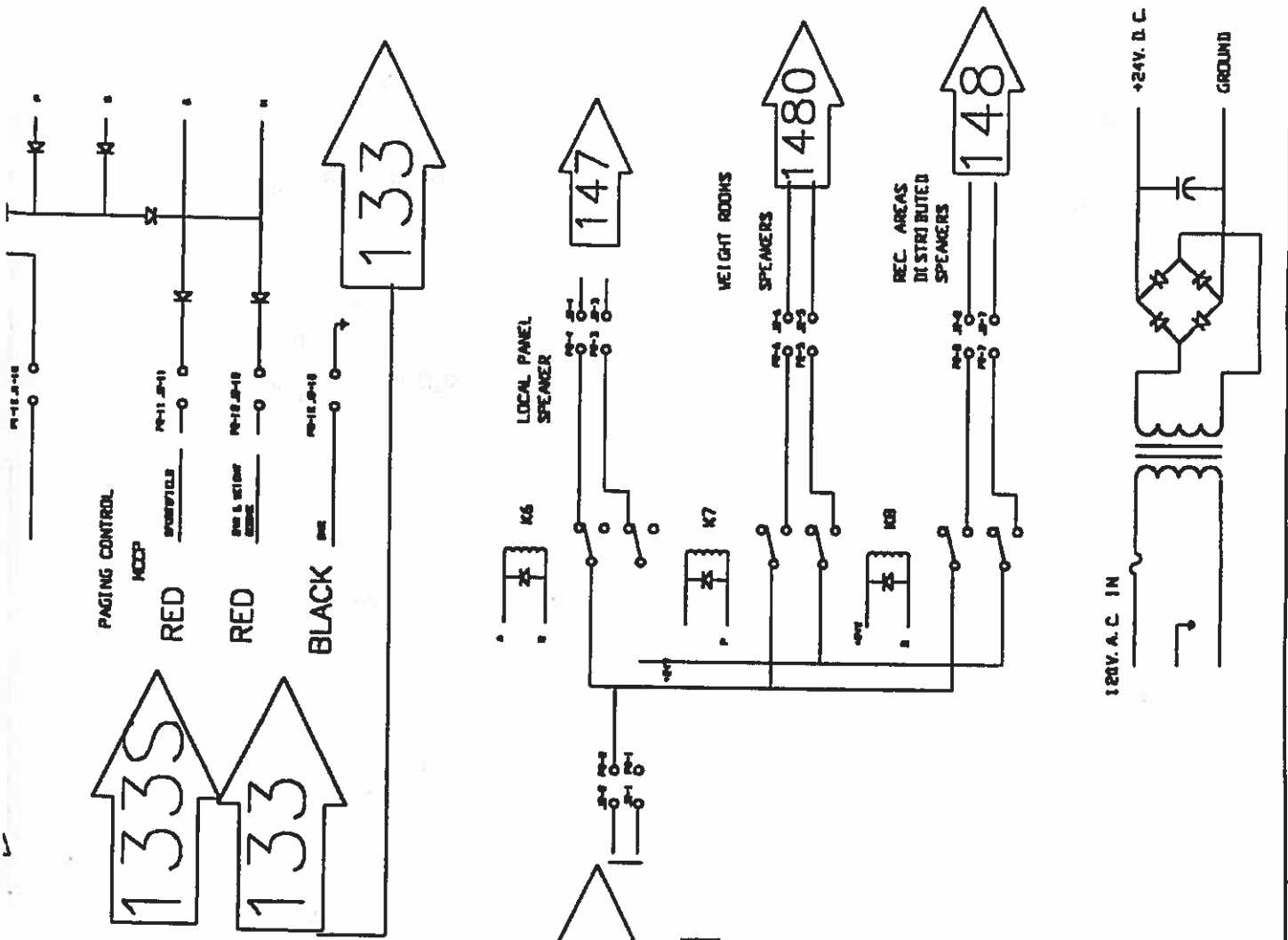
1

# RECREATION

CONTROL BOX 2

PAGE 2 OF 2

146



NOTE:  
 TYPE 1 SPLICE  
 'S' REPRESENTS SOLDERED SPLICES  
 TYPE 2 SPLICE  
 'TB' REPRESENTS TERMINAL BLOCK  
 SPLICES  
 'Δ' REPRESENTS COMMON SHIELD  
 CONNECTIONS IN CONTROL BOX (THIS IS  
 NOT D.C OR EARTH GROUND)

PAGING CONTROL

MCP

RED

RED

BLACK

133

146

LOCAL PANEL  
SPEAKER

WEIGHT ROOMS  
SPEAKERS

1480

REC. AREAS  
DI. STRIBUTED  
SPEAKERS

148

120V. A.C. IN

+24V. D.C

GROUND

3

4

3

4

A

B

C

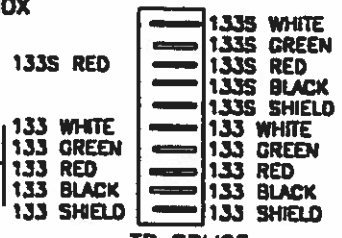
4

3

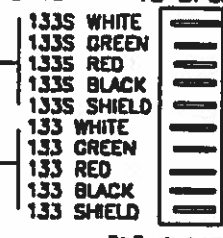
TO CONTROL BOX

OUT TO RACK D119 TB SPLICE IN FROM H203

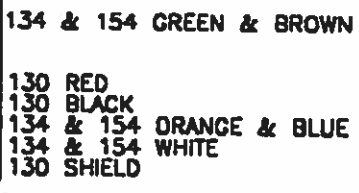
NOTE:  
 TYPE 1 SPLICE  
 "S" REPRESENTS  
 TYPE 2 SPLICE  
 "TB" REPRESENTS  
 SPLICES  
 "∇" REPRESENTS  
 CONNECTIONS I  
 NOT D.C. OR EA



TB SPLICE D119 RACK



"D" ELECTRICAL

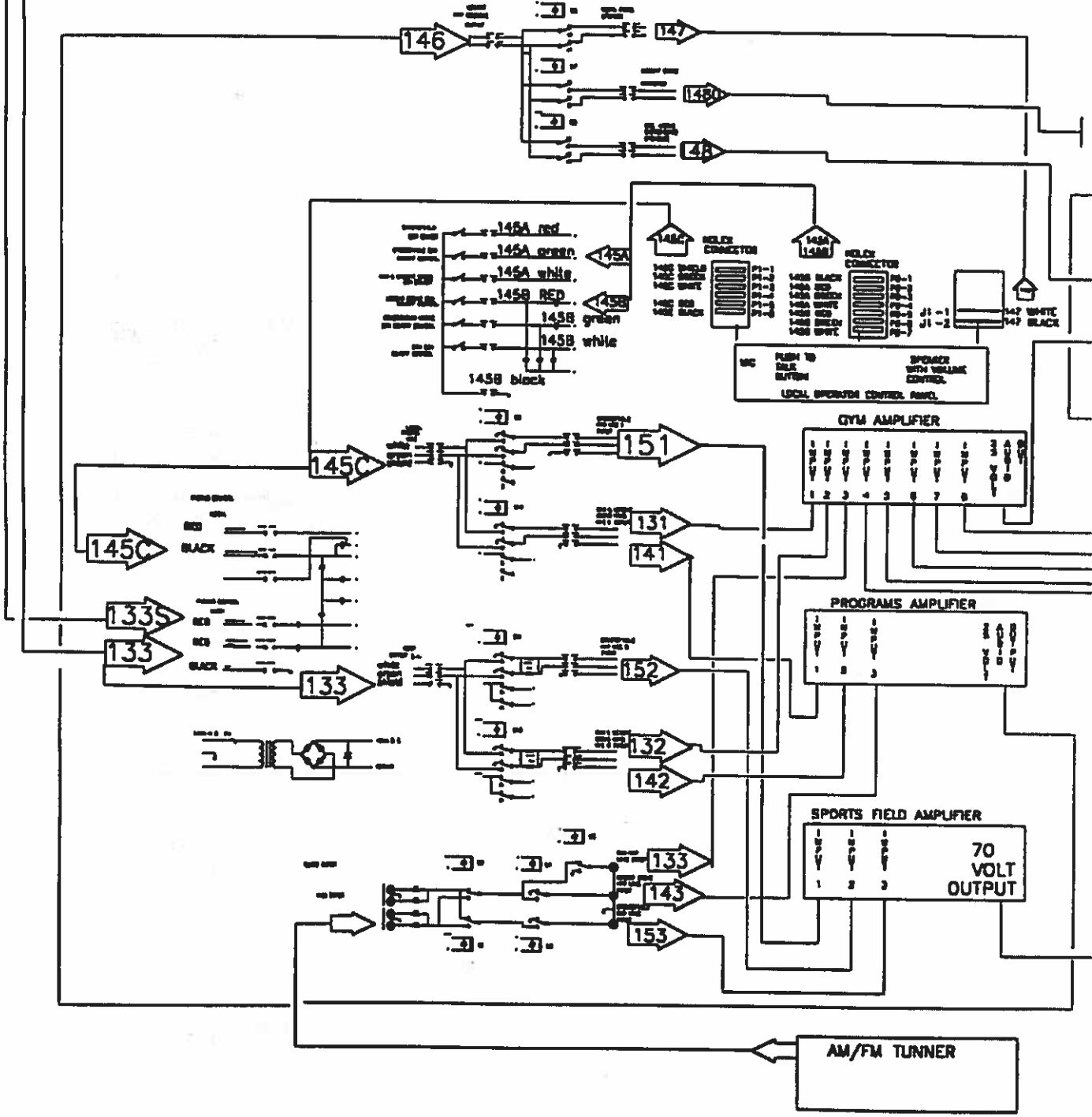


D

C

B

A



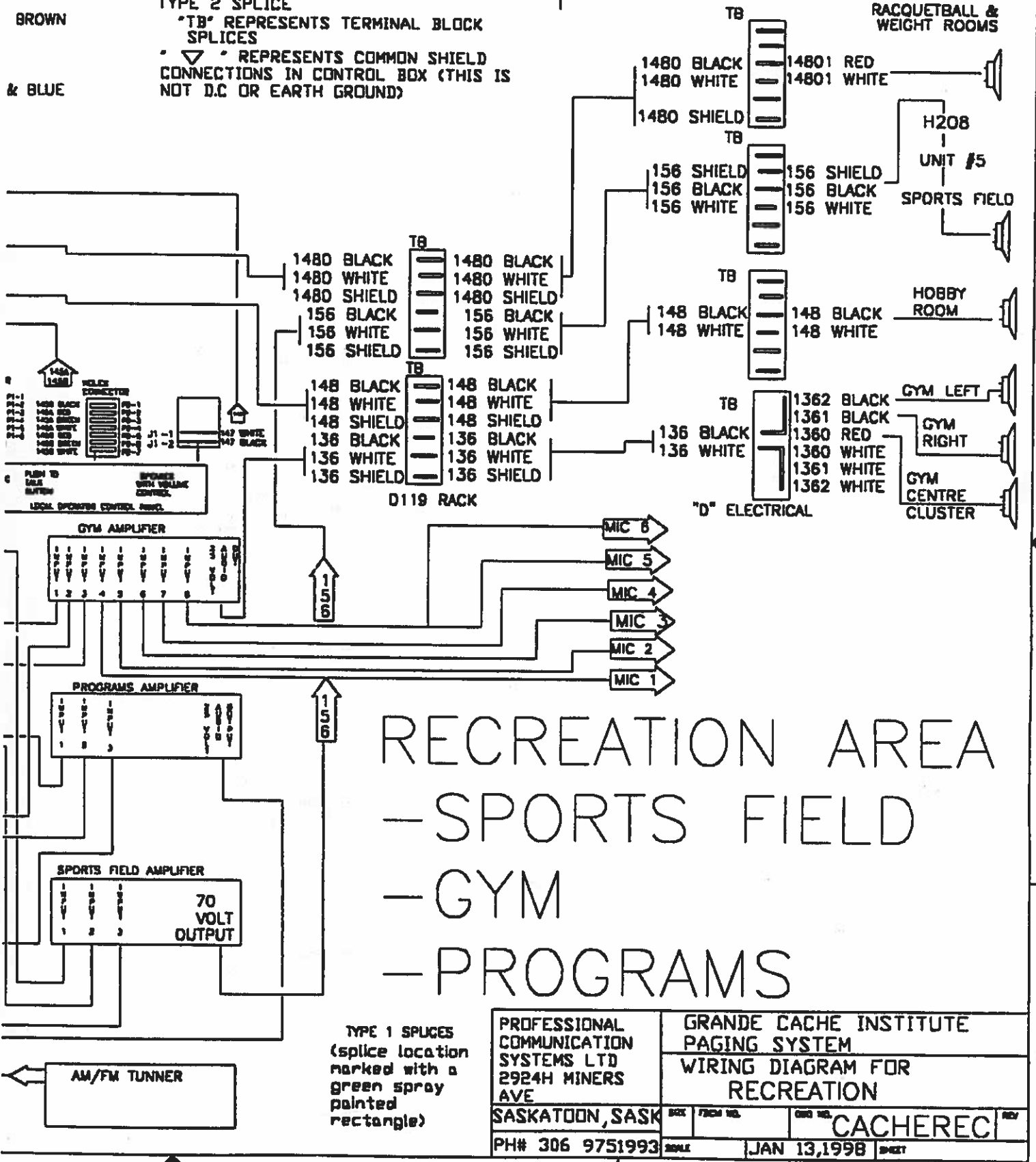
4

3

NOTE:  
 TYPE 1 SPLICE  
 "S" REPRESENTS SOLDERED SPLICES  
 TYPE 2 SPLICE  
 "TB" REPRESENTS TERMINAL BLOCK SPLICES  
 "▽" REPRESENTS COMMON SHIELD CONNECTIONS IN CONTROL BOX (THIS IS NOT D.C OR EARTH GROUND)

BROWN  
& BLUE

REVISIONS				
DATE	BY	DESCRIPTION	DATE	APPROVED



# RECREATION AREA

- SPORTS FIELD
- GYM
- PROGRAMS

TYPE 1 SPLICES  
 (splice location marked with a green spray painted rectangle)

PROFESSIONAL COMMUNICATION SYSTEMS LTD 2924H MINERS AVE SASKATOON, SASK		GRANDE CACHE INSTITUTE PAGING SYSTEM WIRING DIAGRAM FOR RECREATION		
PH# 306 9751993	DATE	ISS. NO.	REV. NO.	REV.
			CACHEREC	
		JAN 13, 1998	SHEET	