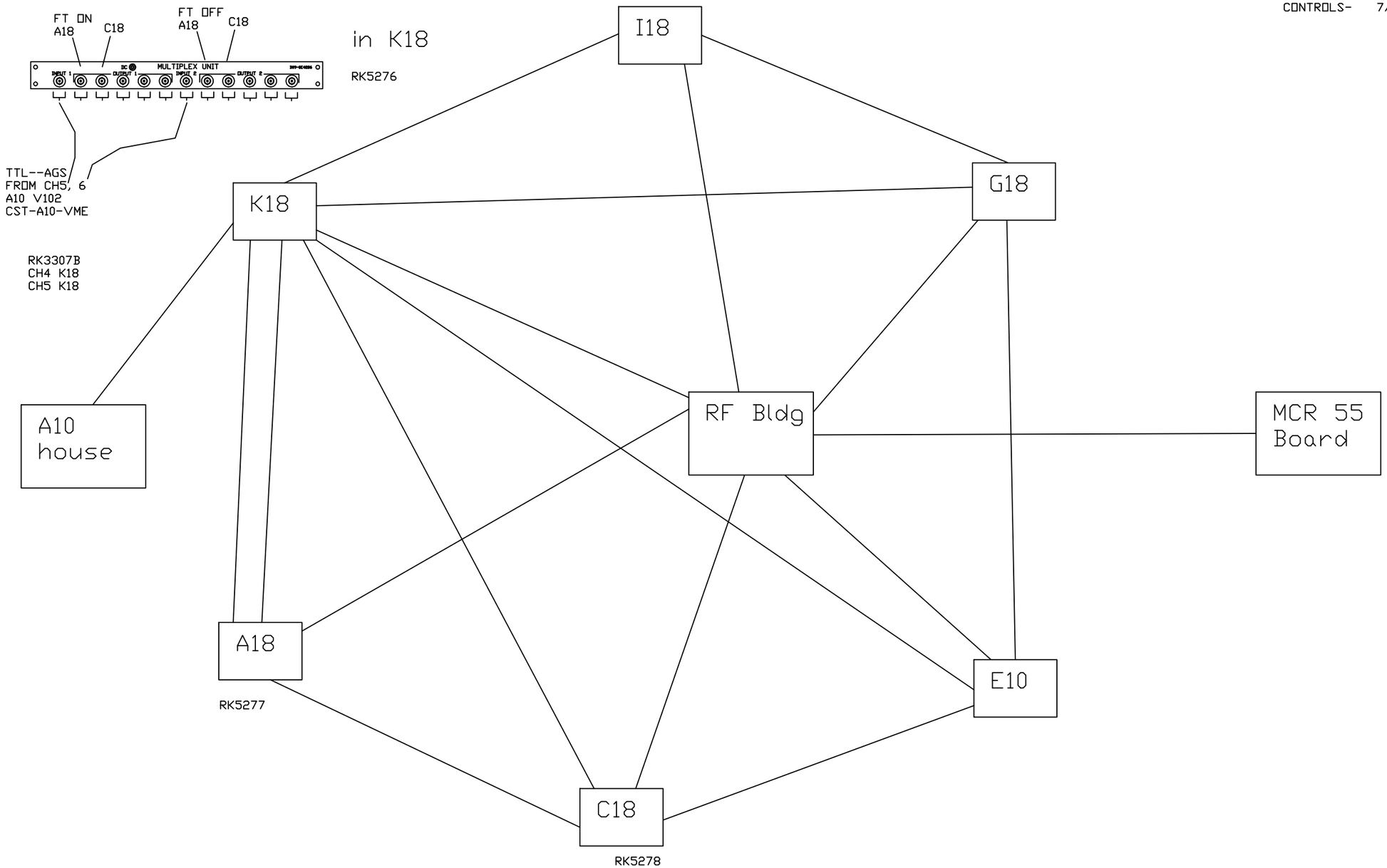
CONTROLS- 7/24/03 3:30 PM Gamma_Jump_run.dwg



REV.	ZONE	ECN NO.	DATE	BY	CKR	APP.

-3	-2	-1	REF DESIGNATOR	ITEM NO.	DESCRIPTION	MAT'L DWG NO.,SPL NO.
QTY REQD						

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

DECIMAL TOLERANCES
.X ±.030
.XX ±.015
.XXX ±.005
ANGULAR TOLERANCE
± .5°

FINISH: NA

BREAK SHARP EDGES
MAX. XX MIN. XX

OUTSTANDING ECN

Q.A. CATEGORY A-3

		DATE
DRAWN BY	Jappe	7/24/2003
CHECKED BY		
DESIGN APPROVAL		
ENGINEER APPROVAL		
SUPVR. APPROVAL		

NEXT ASSEMBLY

BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

CAD CONTROLS

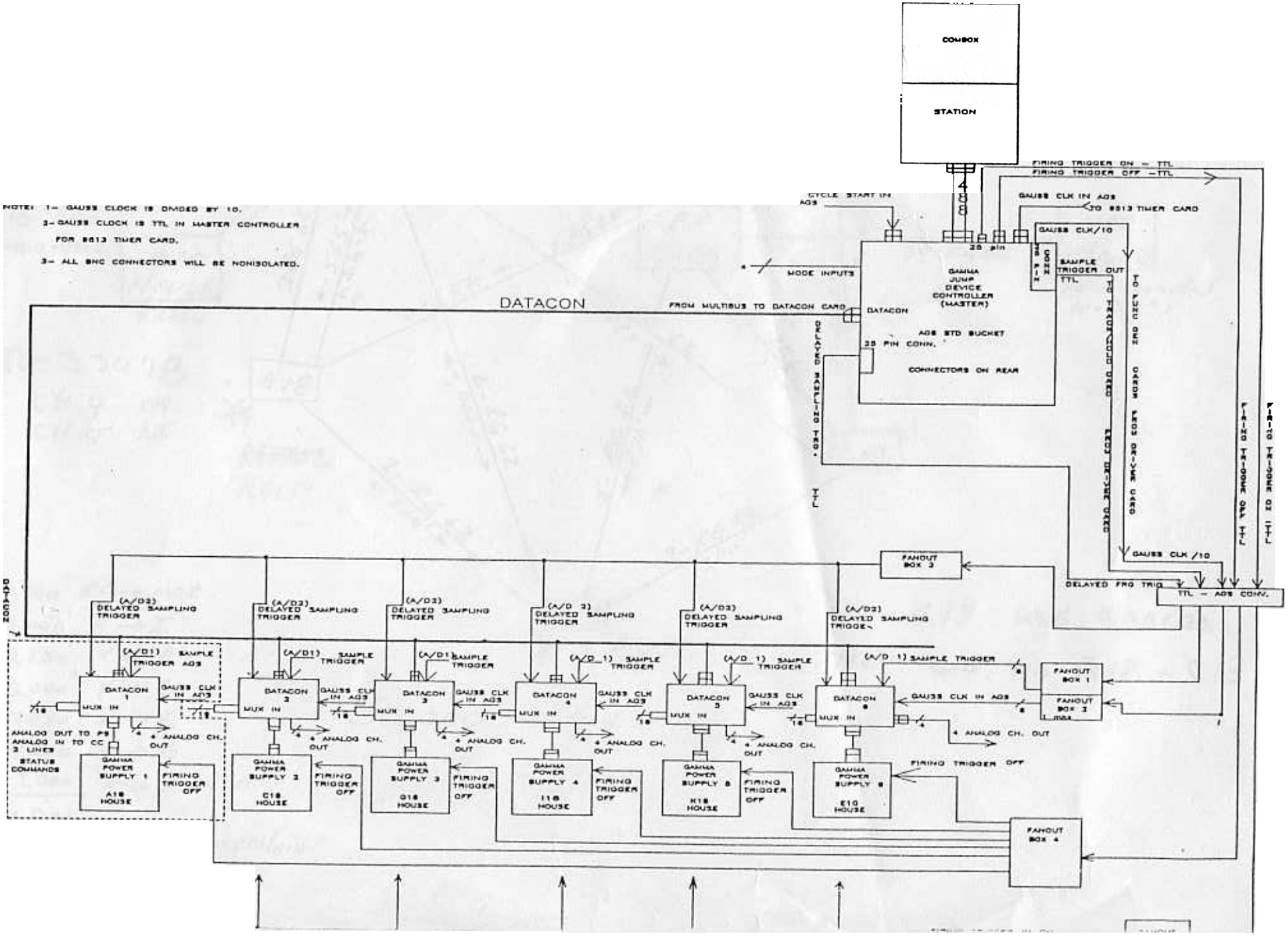
GAMMA JUMP

INTERCONNECT

SIZE A | DRAWING NUMBER | REV. A

MATERIAL: ——— | SCALE: NA | WEIGHT: – | SHEET

*AUTOCAD



COMBOX
STATION
NOTE: 1- GAUSS CLOCK IS DIVIDED BY 10.
2- GAUSS CLOCK IS TTL IN MASTER CONTROLLER FOR 9513 TIMER CARD.
3- ALL BNC CONNECTORS WILL BE NONISOLATED.
DATACON
CYCLE START IN AGS
FIRING TRIGGER ON - TTL
FIRING TRIGGER OFF - TTL
GAUSS CLK IN AGS
TO 9513 TIMER CARD
GAUSS CLK/10
25 pin
MODE INPUTS
GAMMA JUMP DEVICE CONTROLLER (MASTER)
SAMPLE TRIGGER OUT TTL
FROM MULTIBUS TO DATACON CARD
DATACON
AGS STD BUCKET
25 PIN CONN.
CONNECTORS ON REAR
DELAYED SAMPLING TRIG. TTL
TO FUNC GEN CARDS FROM DRIVER CARD
FIRING TRIGGER OFF TTL
FIRING TRIGGER ON TTL
GAUSS CLK /10
DELAYED FRG TRIG
TTL - AGS CONV.
FANOUT BOX 3
FANOUT BOX 1
FANOUT BOX 2
FANOUT BOX 4
(A/D2) DELAYED SAMPLING TRIGGER
(A/D1) SAMPLE TRIGGER AGS
(A/D 1) SAMPLE TRIGGER
DATACON 1
DATACON 2
DATACON 3
DATACON 4
DATACON 5
DATACON 6
MUX IN
GAUSS CLK IN AGS
4 ANALOG CH. OUT
ANALOG OUT TO PS
ANALOG IN TO CC
2 LINES
STATUS COMMANDS
GAMMA POWER SUPPLY 1 A1B HOUSE
GAMMA POWER SUPPLY 2 C1B HOUSE
GAMMA POWER SUPPLY 3 G1B HOUSE
GAMMA POWER SUPPLY 4 I1B HOUSE
GAMMA POWER SUPPLY 5 K1B HOUSE
GAMMA POWER SUPPLY 6 E1G HOUSE
FIRING TRIGGER OFF