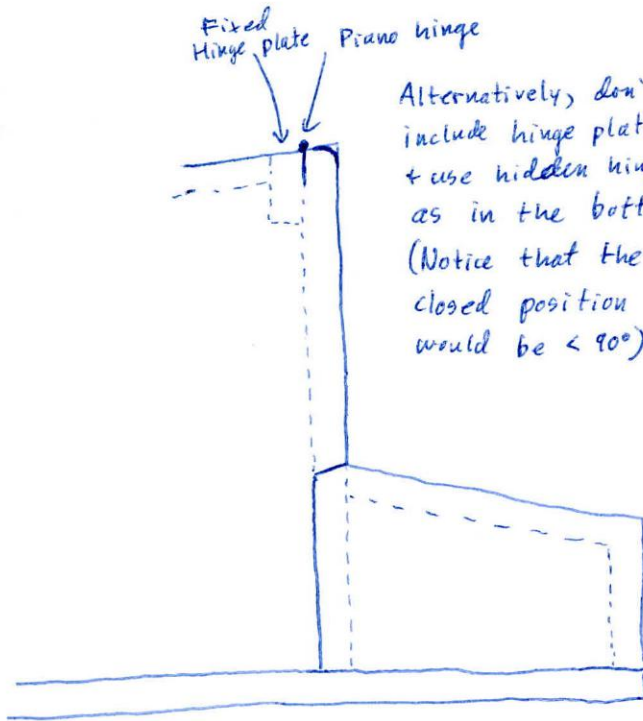
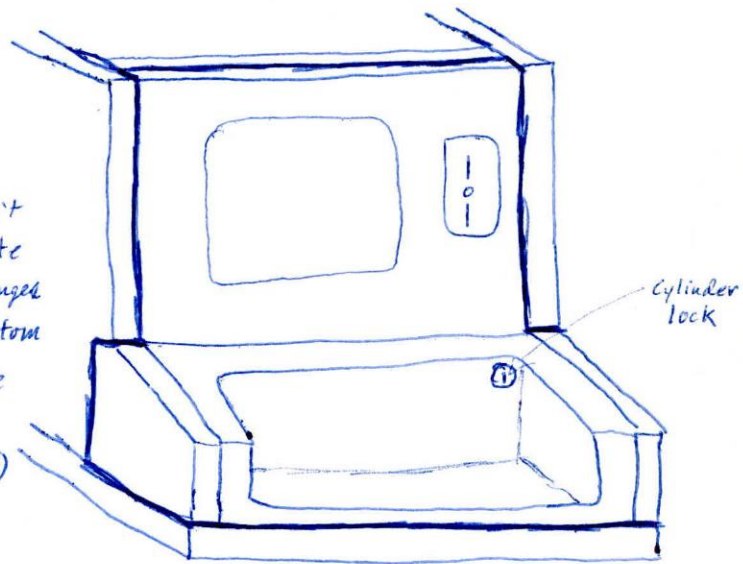


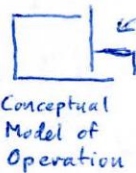
Proposed Design Revisions
to Terminal Enclosure



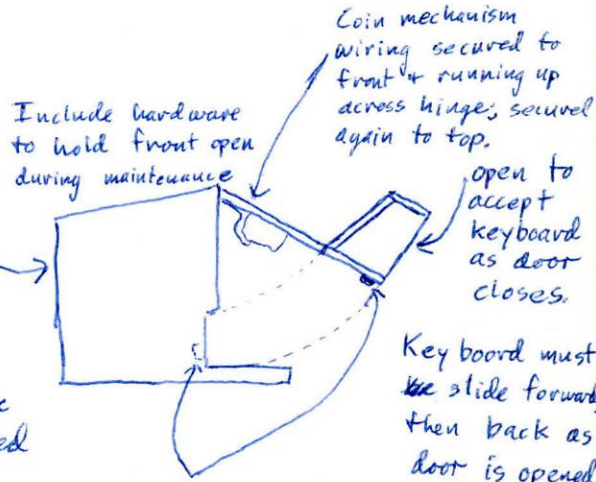
Alternatively, don't include hinge plate + use hidden hinges as in the bottom (Notice that the closed position would be $< 90^\circ$)



When closed, the opening in the front of the main enclosure is covered by the (extended) back of the keyboard enclosure which also holds the coin box + screen cutout. The opening in the bottom of the keyboard enclosure is covered by the (extended) bottom of the main enclosure.



Both main enclosure + keyboard enclosure are solid, 5-sided boxes.



Magnetic catches at both lower corners assure solid closure

Keyboard must ~~be~~ slide forward, then back as door is opened + closed

(described in a previous talk) and a group of machine-dependent file type modules. File type modules exist for regular files, as well as IDM files, tape files, in-core strings, etc.

This talk will describe file type modules, including their interface and responsibilities. Attendees will learn how to implement new file type modules.

A future talk, "Configuring IDMLIB," will depend heavily on this material.

This paper contains the handouts accompanying the videotape of a talk presented as part of the Britton Lee Engineering Seminar series on May 21, 1986. A copy of the tape is available from the corporate library.

Need washable finish



Vacuum-formed plastic ~ \$50 or less

Plywood - direction of grain

\$3-500 each

Designer + draftsman

← professional
more precise, the plans are,
easier to build — impersonal

Model - plan to throw one away

Knock down fittings

Before

Next meeting:

dimensions

rough plans

build prototype - work out bugs

get coinbox

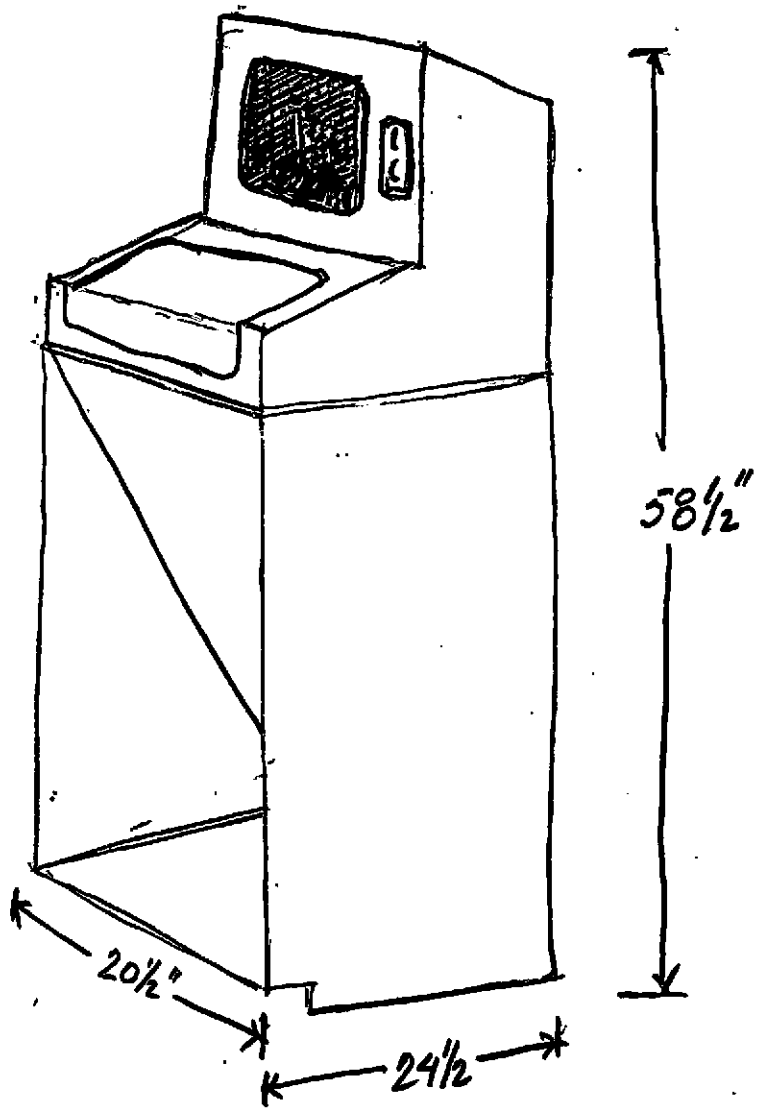
Site: _____

Coinbox attached? Yes _____ No _____

What I did:

What I expected:

What happened instead:





415-843-8415
 At The Woodworks
 2551 San Pablo Ave.
 Berkeley, CA. 94702

WILL STOP
 BY

"D"

CONSTANTINE "D" PHILIPIDES
HANDCRAFTED FURNITURE

• UNFINISHED / BASED ON BUILDING 10 MIN.



FINNISH BIRCH PLY 1/2" (MULTI PLY, NO Voids)

- \$150 ^{ea} - BOX-LIKE FRONT (PEDESTAL) w/ ROUNDING OF TOP < S
- \$165 ^{ea} - ONE ANGLE IN PEDESTAL
- \$170 ^{ea} - w/ TOP ANGLED BACK.

+ PLEXIGLASS

+ FINISH

- WILLING TO FINISH IN CLEAR FOR \$30 ^{ea}
 (~\$200 EACH)
- CONTRACT OUT PAINTED FINISH ~\$50 ^{ea}

ADD \$50 TO PRICE ON THE PROTOTYPE

OPTION - USE REGULAR BIRCH PLYWOOD
 & CAP EDGES w/ MAPLE STRIPS.
 ADD \$25-\$30 ea

- CAN BUILD PROTOTYPE WITHIN 1 WEEK
- OCTOBER 15 DELIVERY ??? - WIFE IS PREGNANT SO THINGS ARE IFfy ???

\$225/UNIT
\$285/PROTOTYPE

CABINETS

115 - 1/8" PLEXI
160 - 2 PAIRS OF EURO HINGES
80 - HASPS
60 - WHEELS

41.5 = 41.50/TERMINAL

? SCREEN MESH
SCREENS
TREAD
L. BRACKETS

~ 50/TERMINAL

LOCKS?

225
+ 50

275 - /TERMINAL

x 10

= 2750 + PROTOTYPE
EXTRA \$

~ 2810.

TOTAL:

2750 — 3000

w/o LOCKS.

Name of Owner/Manager
Street Address
Berkeley, CA 947--

October --, 1988

Dear

This letter outlines the points and provisions we discussed when making arrangements to locate Community Memory terminals at _____
Below you will find an outline of all the major points discussed. Provided everything is to your satisfaction, please sign and date this letter and return it to *CM* ~~me~~ at your earliest convenience.

1/ The Community Memory Project agrees to:

- a) provide ___ Community Memory terminal(s) comprised of a monitor, keyboard, central processing unit, coinbox mechanism, and modem all housed in a free-standing, locked cabinet;
- b) provide signage and instructional materials explaining the functioning of Community Memory;
- c) pay for the installation, maintenance, and monthly charges of dedicated phone lines connecting the terminal to the central computer;
- d) provide liability insurance for persons using the Community Memory terminal, as well as theft and vandalism insurance for the terminal itself;

2/ The Community Memory Project reserves the right to:

- a) inspect, maintain, and service the terminals as necessary without prior notice;
- b) station personnel at the terminal(s) for the purpose of providing user instruction, to promote the use of Community Memory, and solicit opinions about Community Memory from its users;
- c) distribute printed Community Memory related materials such as: instructional materials, announcements, membership forms from bins affixed to the terminal housing;
- d) remove the terminal for any reason following prior notice.

JOHN BOURGAIN
658-4174

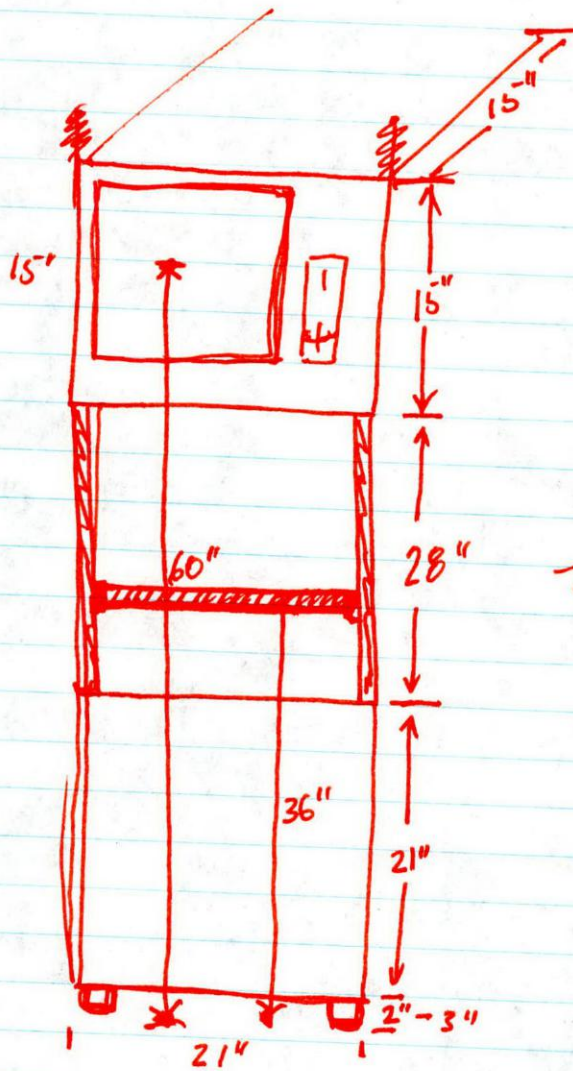
MARK MAIDLOW

849-0354
SHAMROCK CABINETS

- MESSAGE 8/31 / SPOKE BY PHONE 8/2

MARTY FRIEDMAN
658 1622

- MESSAGE 8/31 / SPOKE BY PHONE 8/2



\$40 TOT: 4x 15x21
2x 15x15

\$40 Bottom: 4x 21x21
2x 21x15

\$20 — PIPES: 4x ~~30"~~ 30" 1" THREAD BOTH ENDS

\$12 — 2 GUIDES

\$40 — 1 KEYBOARD SHELF.

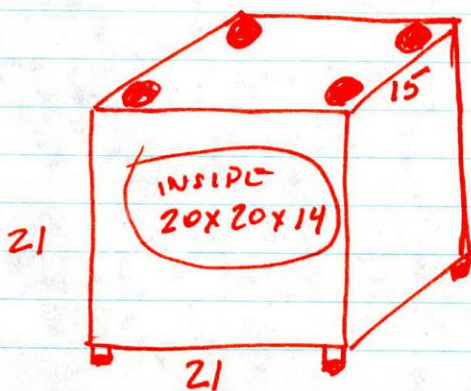
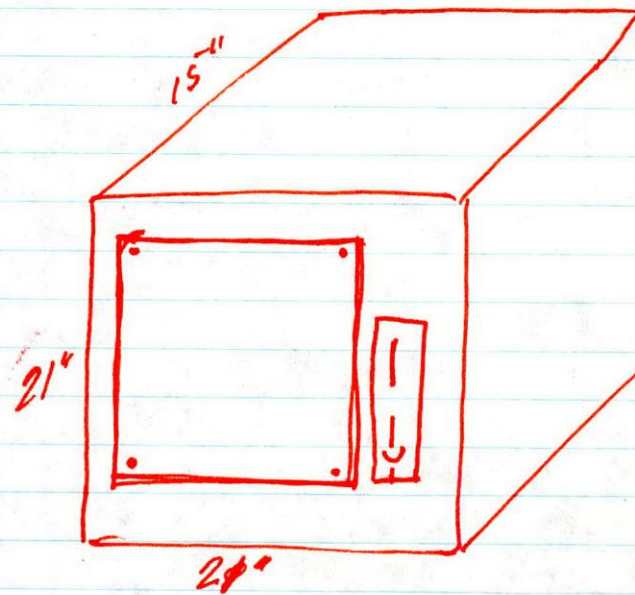
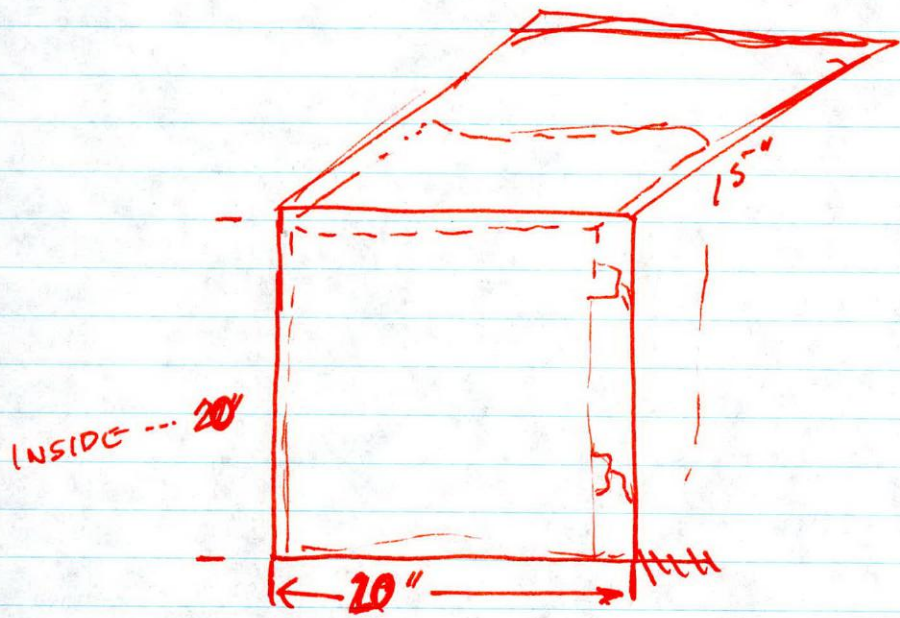
\$20 — MISC

\$175

$$60 - \frac{24}{8} = 28$$

THE ENCLOSURES

15" DEEP

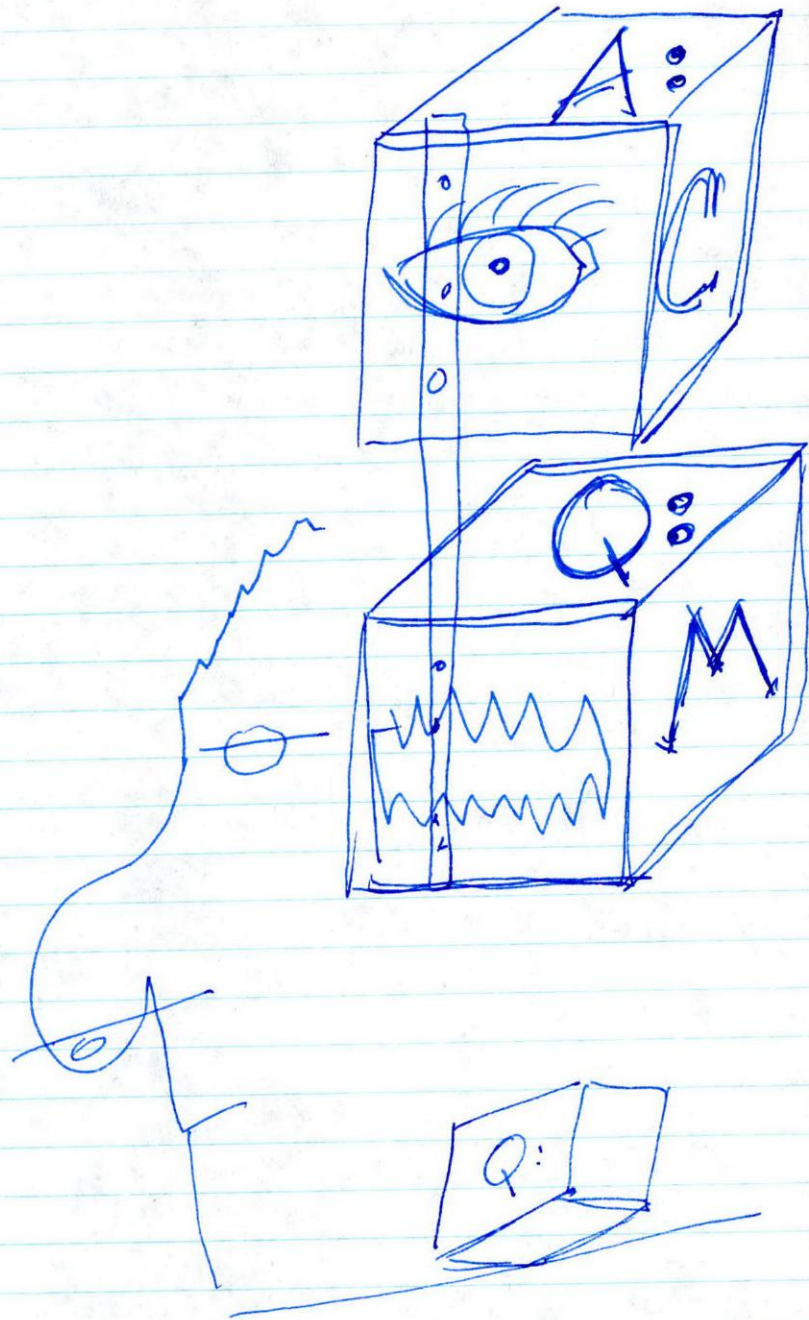


DESIGN COMPETITION ?

• THE WOODEN BOX

• PC IN BASE

• THE SALT BOX



LANEY —
COMM COLLEGE

office

464-3223

(VAL)

{ WOOD TECH }
{ CARPENTRY }
{ CONSTR. TECH }

DEAN: MR. ROBINSON

MILL & CABINET DEPT.

KEITH NASON

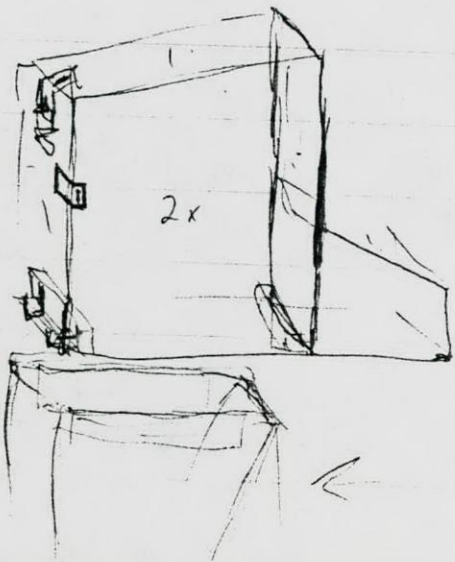
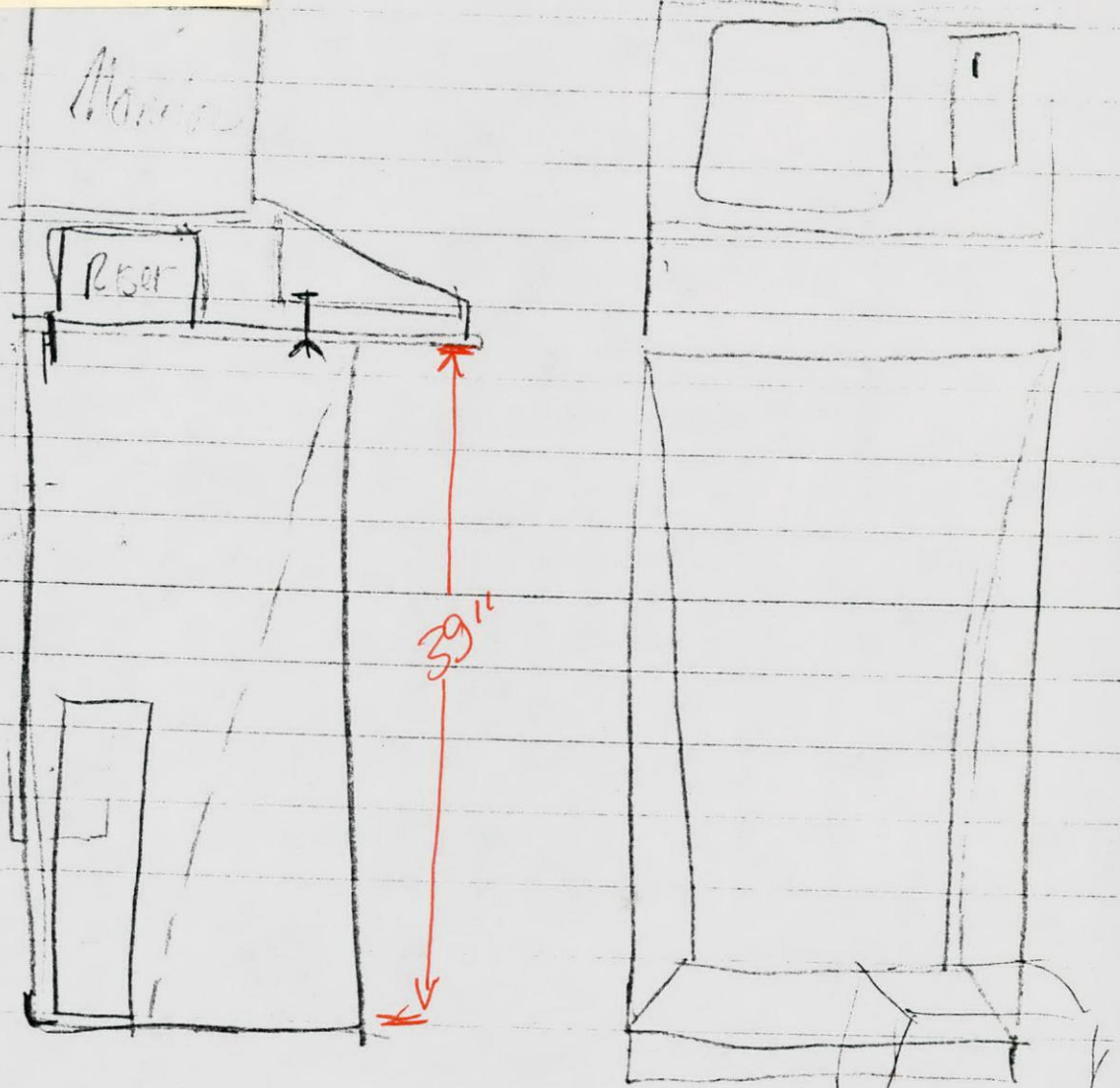
464 3446

* WILL DO PROJECTS FOR COMMUNITY +
NON PROF'S. — NEED LOTS OF LEAD TIME

The Community Memory Project

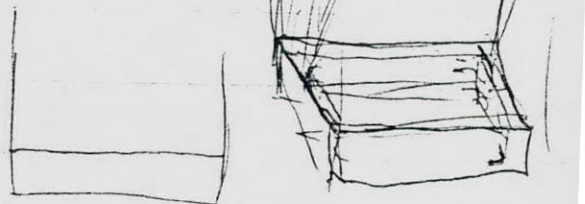
2617 San Pablo Avenue, CA 94702

(415) 841-1114

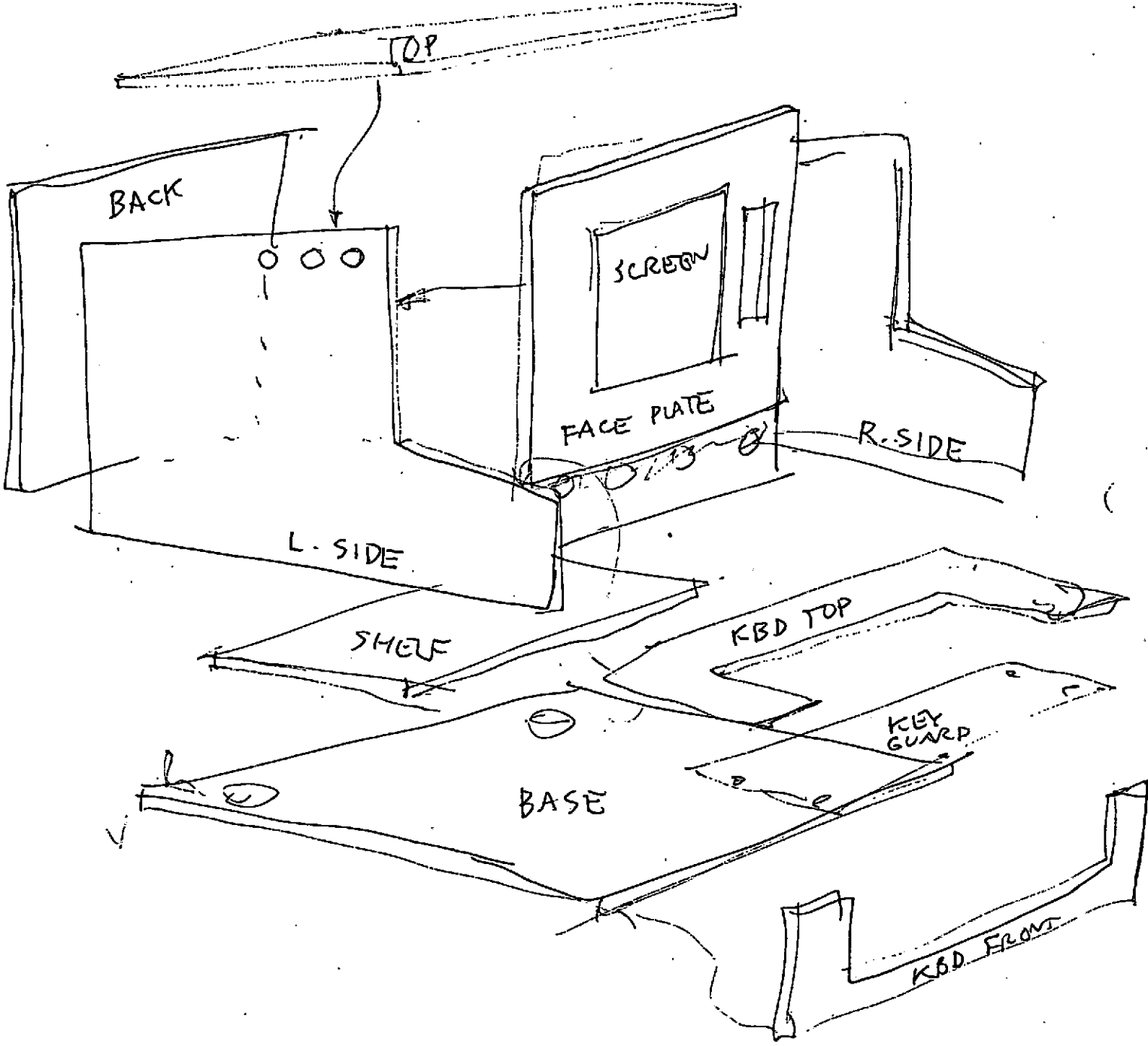


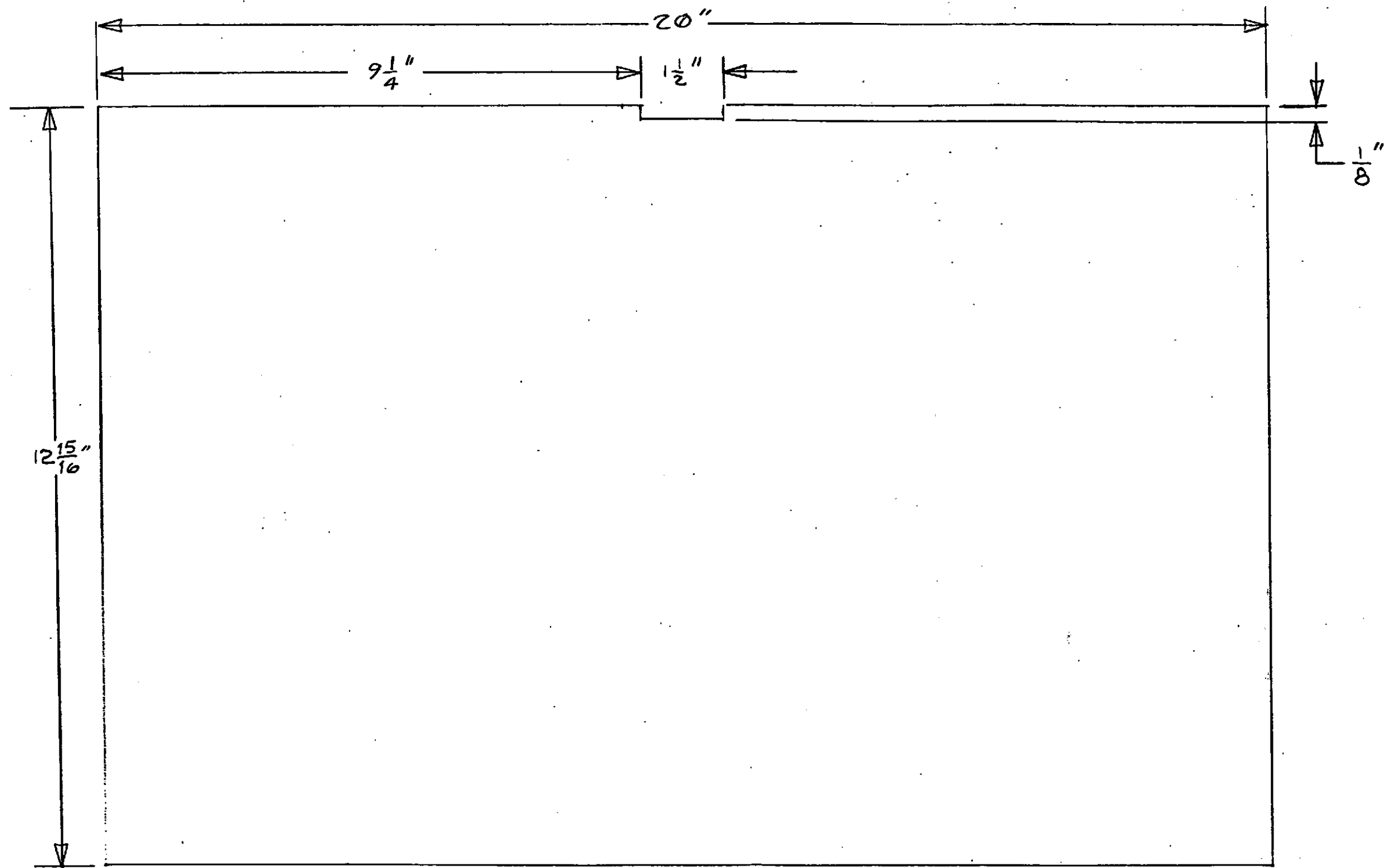
2x

6 pieces



4 pieces + top + floor + kickplate 1 of 4 2x4s





BACK - TERMINAL

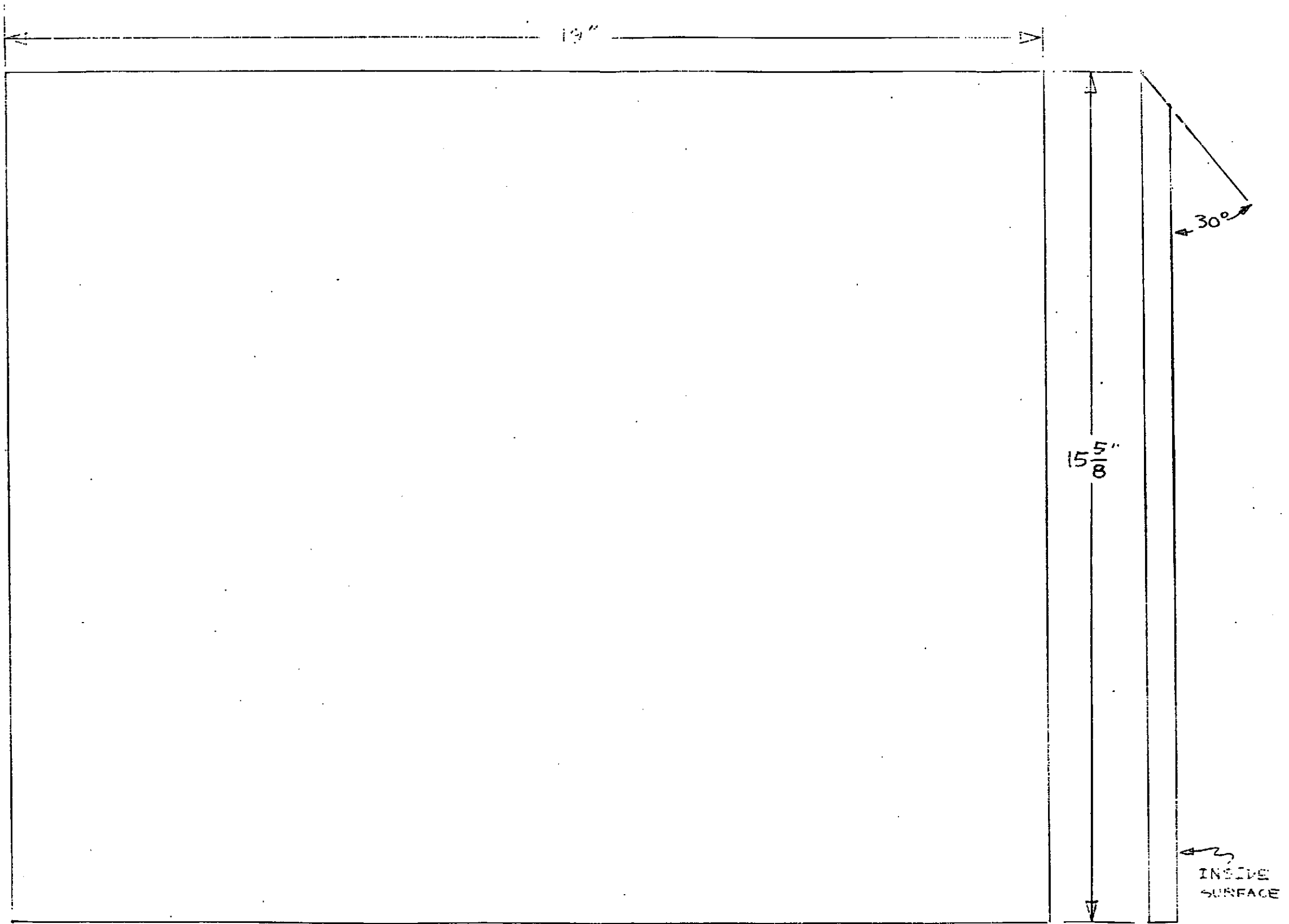
7-23-88 L.F.

$4\frac{1}{2}$

19"

BASE TERMINAL

7-23-88 L.F.

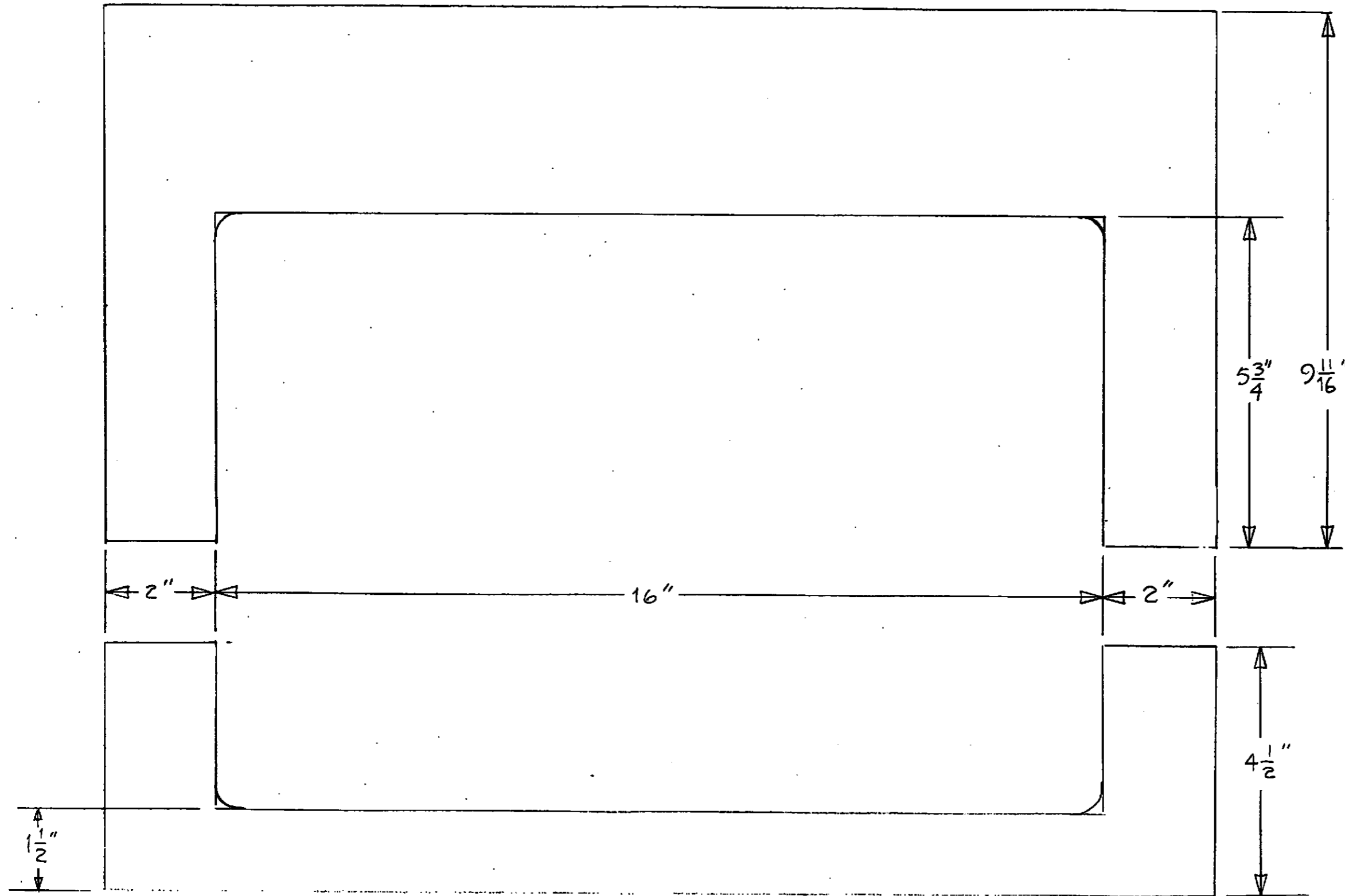


TOP-TERMINAL

7-23-88 L.F.

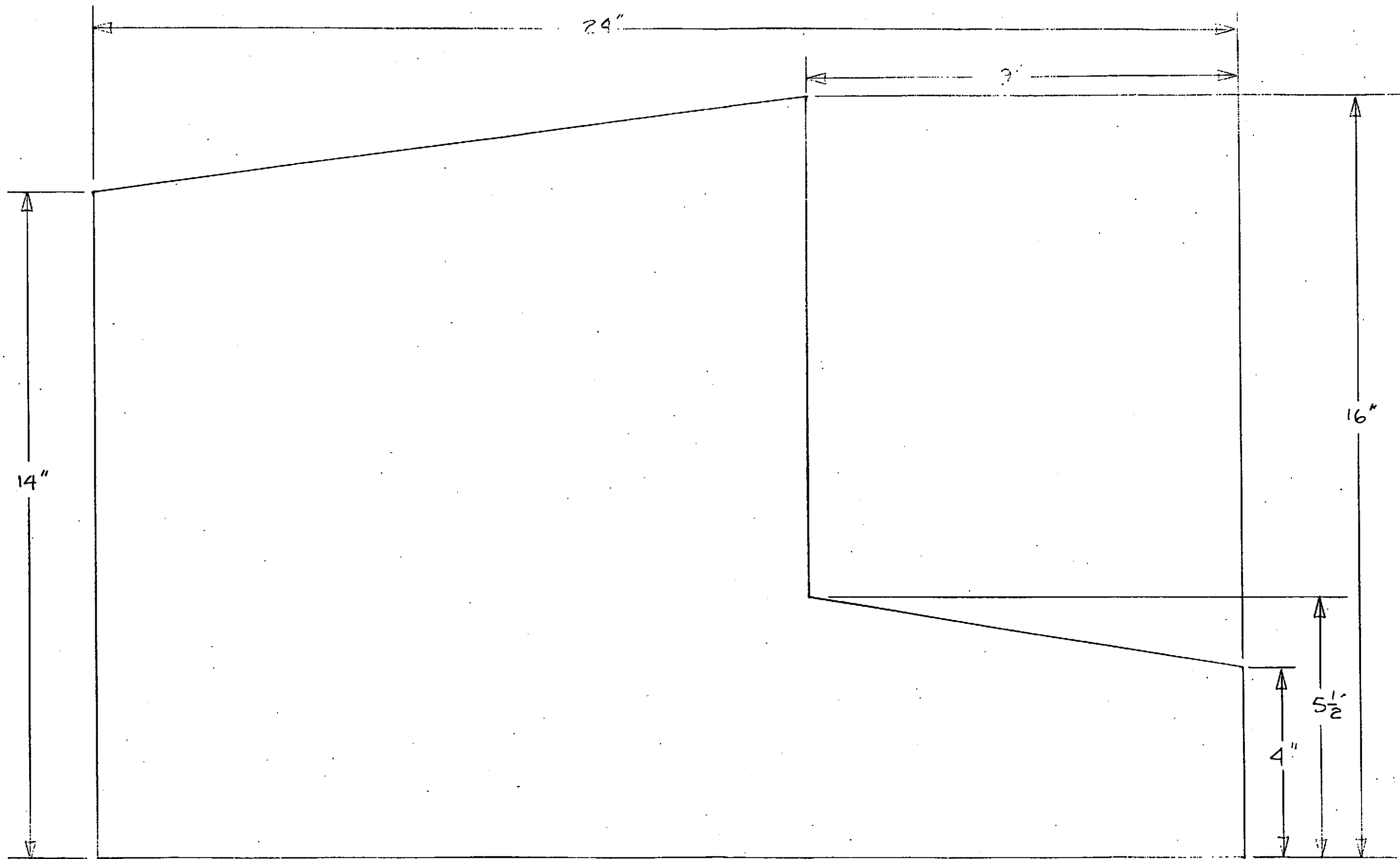
KBD TOP

2φ"



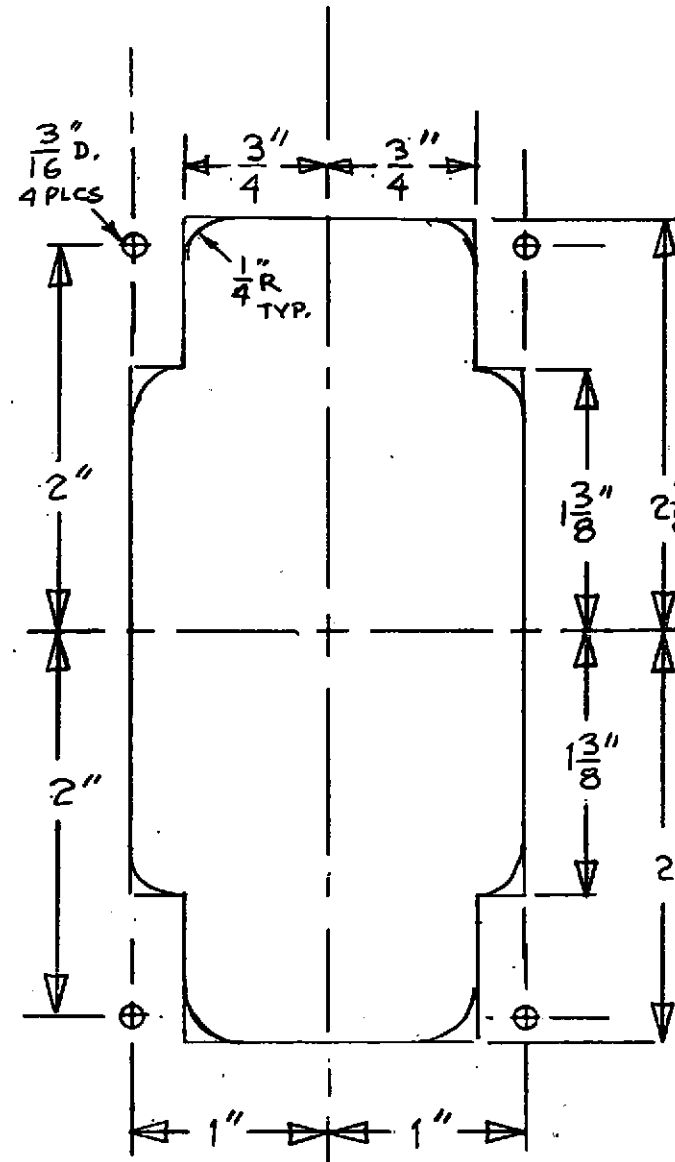
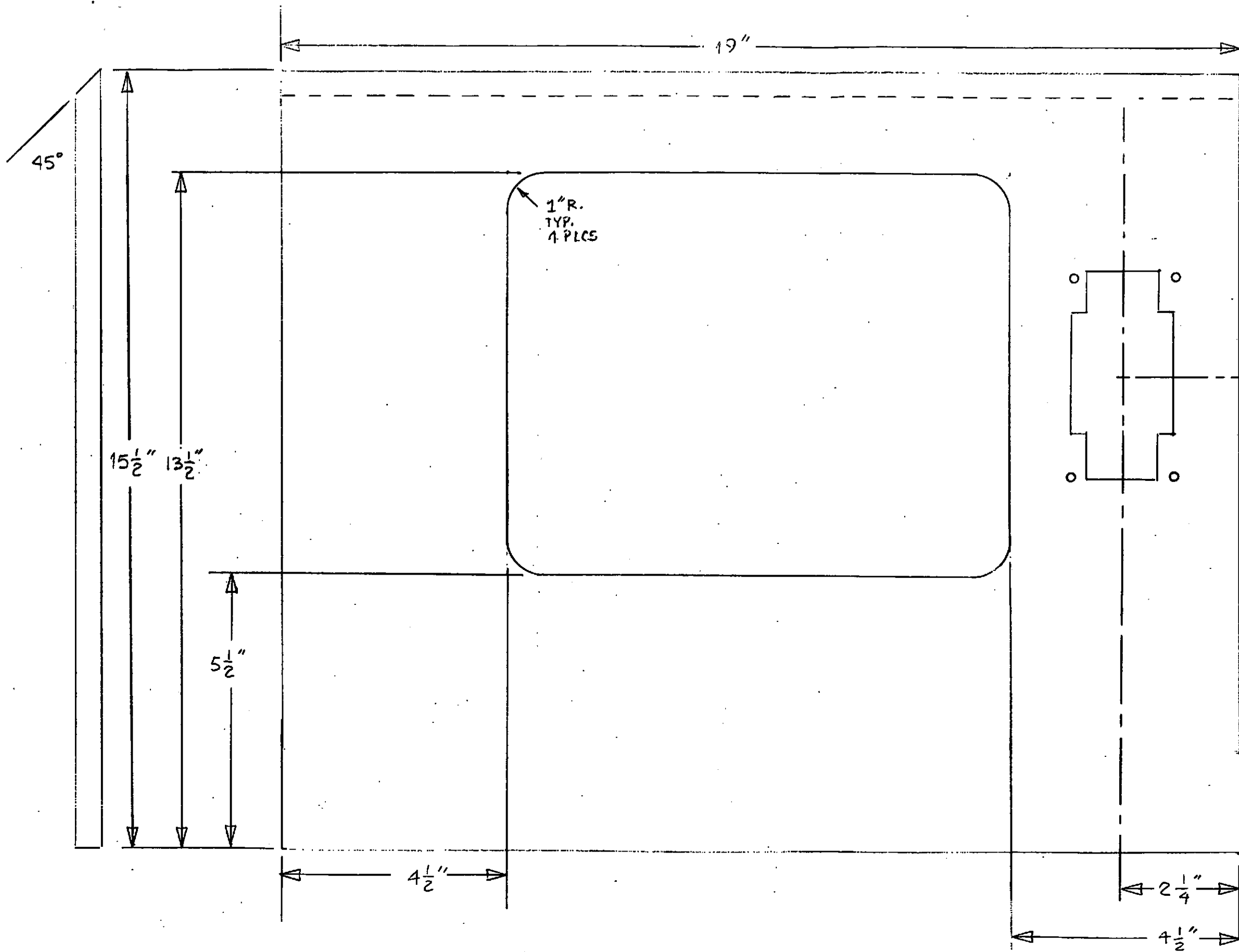
KBD FRONT

KEYBOARD TOP AND FRONT-TERMINAL



SIDE - TERMINAL

7-23-88 L.F.



FACE PLATE - TERMINAL 7-23-83 L.F.

GOLEMICS, INC.

No 2132

~~1407 ADDISON ST. • 843-2693
BERKELEY, CA 94702~~

TO InterLink Systems
 ADDRESS 580 Weddell Dr Suite 1
 CITY Sunnyvale CA 94086

SHIP TO GOLEMICS, INC
 ADDRESS 2608 8th
 CITY _____

FOR PATCH PANEL PARTS		REQ. NO.	HOW SHIP	DATE REQUIRED WHEN AVAIL.	TERMS	DATE
		102982-1			NET 30	10/29/82
QUANTITY		PLEASE SUPPLY ITEMS LISTED BELOW			PRICE	UNIT
ORDERED	RECEIVED					
1	28	EP-1 (SPARE Equipment Jack)			1,143.80	40.85
2	2	RA-2 (RACK ADAPTER FOR Above)			116.10	58.05
3	16	EPC-1-3 (3ft patch cords)			653.60	40.85
4						
5						
6						
7						

DISPOSITION OF MATERIAL

2

RECEIVING CLERK

Jeff Milstead

PURCHASING AGENT

GOLEMICS, INC.

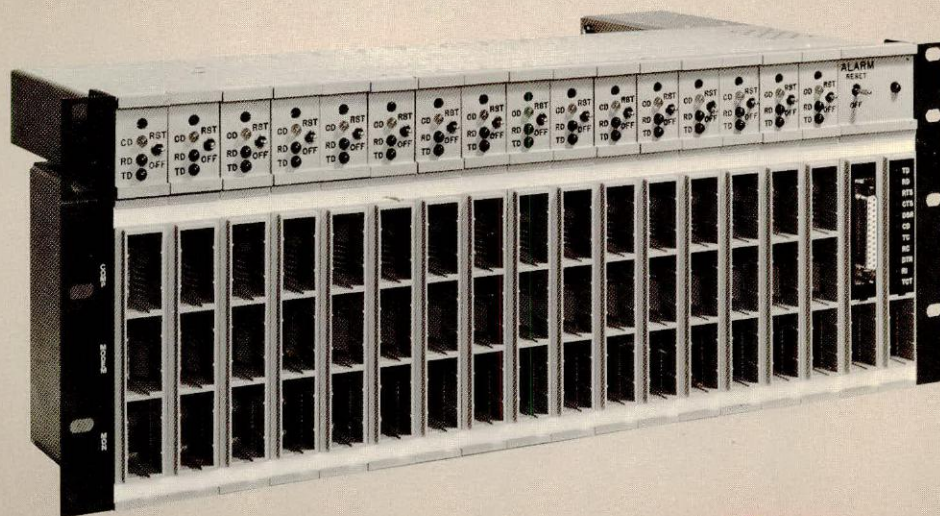
No 2132

~~1407 ADDISON ST. • 843-2693
BERKELEY, CA 94702~~

TO InterLink Systems SHIP TO GOLEMICS, INC
 ADDRESS 580 Weddell Dr Suite 1 ADDRESS 2608 8th
 CITY Sunnyvale CA 94086 CITY _____

FOR PATCH PANEL PARTS		REQ. NO.	HOW SHIP	DATE REQUIRED WHEN AVAIL.	TERMS	DATE
		102982-1			NET 30	10/29/82
QUANTITY		PLEASE SUPPLY ITEMS LISTED BELOW			PRICE	UNIT
ORDERED	RECEIVED					
1	28	EP-1 (SPARE Equipment Jack)			1,143 80	40.85
2	2	RA-2 (RACK ADAPTER FOR Above)			116 10	58.05
3	16	EPC-1-3 (3ft patch cords)			653 60	40.85
4						
5						
6						
7						
INVOICES PASSED FOR PAYMENT				PLEASE SEND <u>2</u> COPIES OF YOUR INVOICE WITH ORIGINAL BILL OF LADING.		
				<u>Jeff Milstead</u> PURCHASING AGENT		

Dyna-Patch[®] Mark II



ORDER FROM
Inter-Link Systems
580 Weddell Dr. Suite 1
Sunnyvale, CA 94086
408 / 744-1930

Introduction

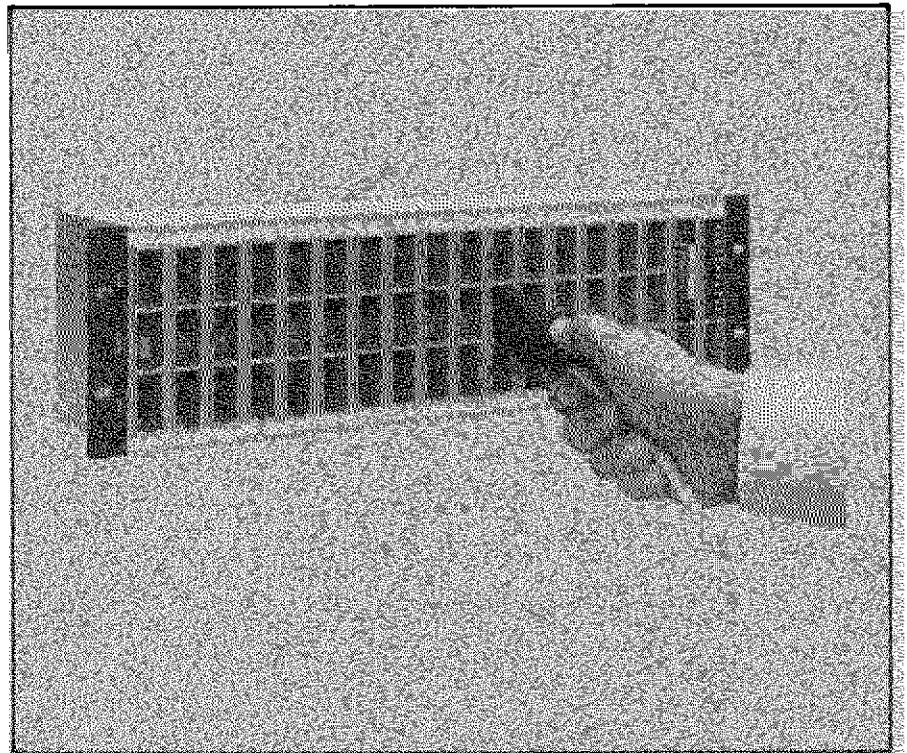
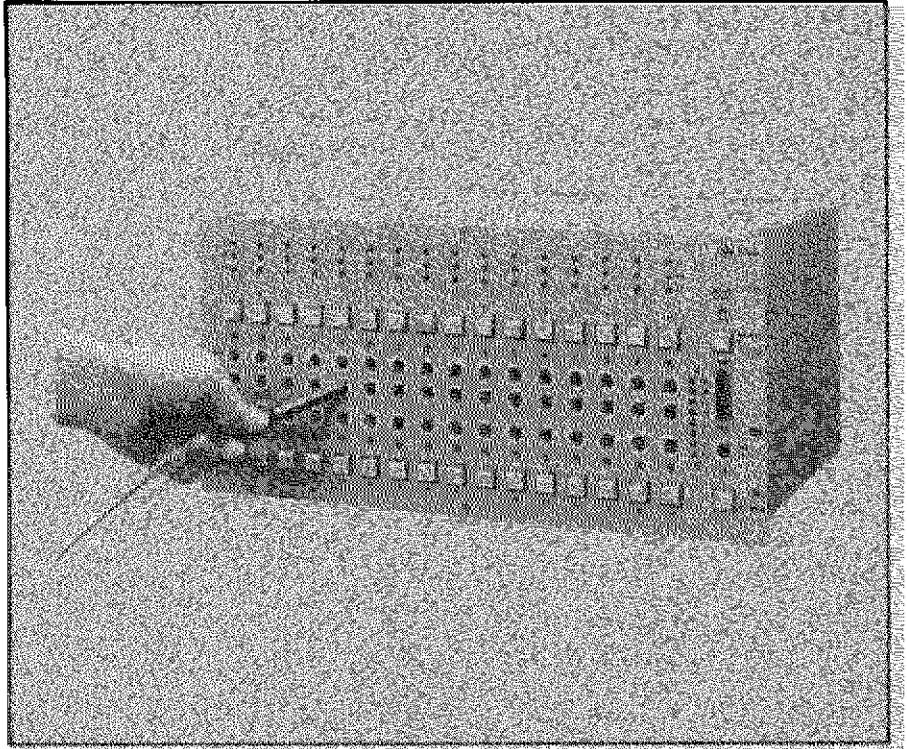
For total flexibility of monitoring, testing and rearranging data communication lines and equipment, nothing is more economical or more widely used than patching. Virtually every datacom installation having more than two lines employs some sort of patch equipment.

Although patching is not a particularly convenient technique for reconfiguring large groups of lines, it remains a cost effective back-up for A/B switching and other sparing arrangements. Similarly, patching alone is generally inadequate for monitor and test access to large numbers of lines; but the critical nature of many networks demands the economical back-up of a patch field.

Dynatech has manufactured patches for data communication interfaces since 1965 when Nelson Cooke fabricated his famous multi-circuit jacks for the Defense Department's Autodin network. The commercial version of that device is still manufactured today and is in service world wide. The "Cooke jack" has earned its reputation for convenience and reliability and the name has become a generic term for tech control patching devices.

The Mark II series of patches and switches is an extension of the Cooke jack concept and was developed to take advantage of more modern materials, components and manufacturing techniques. The gold, bifurcated contacts that gave the Cooke jack its reputation for reliability have been retained. In addition, all Mark II switching and patching assemblies are modular to the individual channel so that expansion, replacement and troubleshooting are handled in a minimum of time.

Mark II patches and switches are supported by a variety of instruments and control devices resulting in the industry's most useful and versatile tech control equipment.

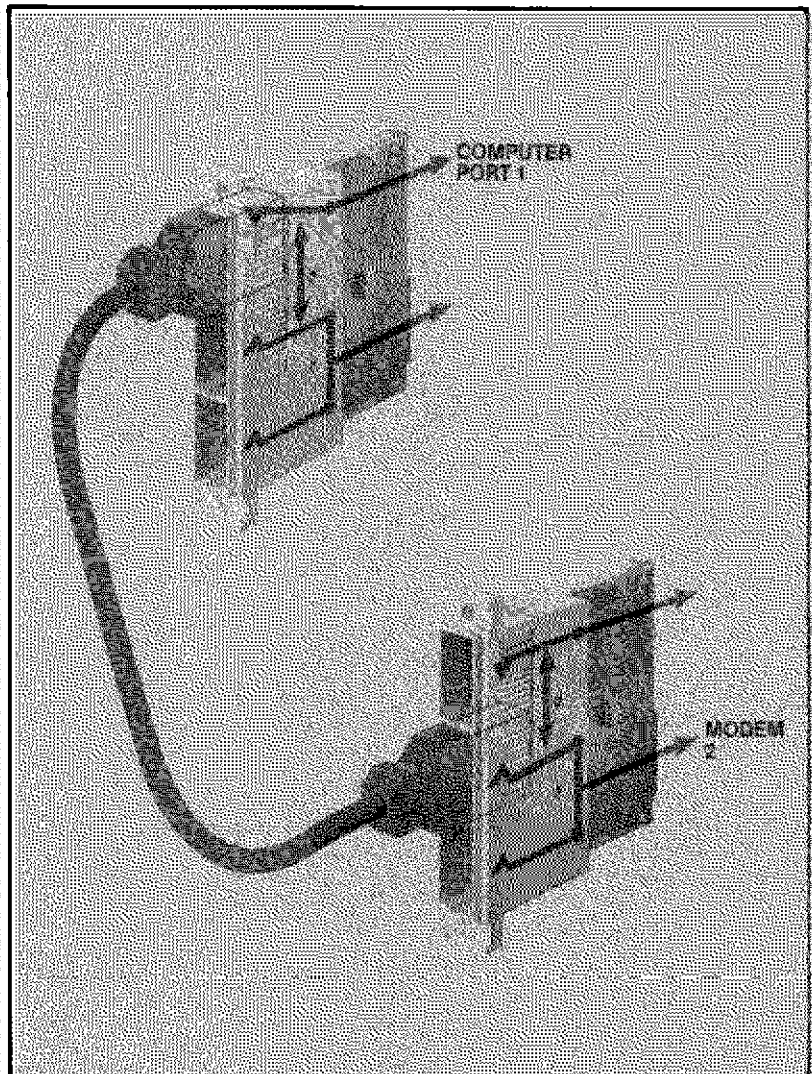
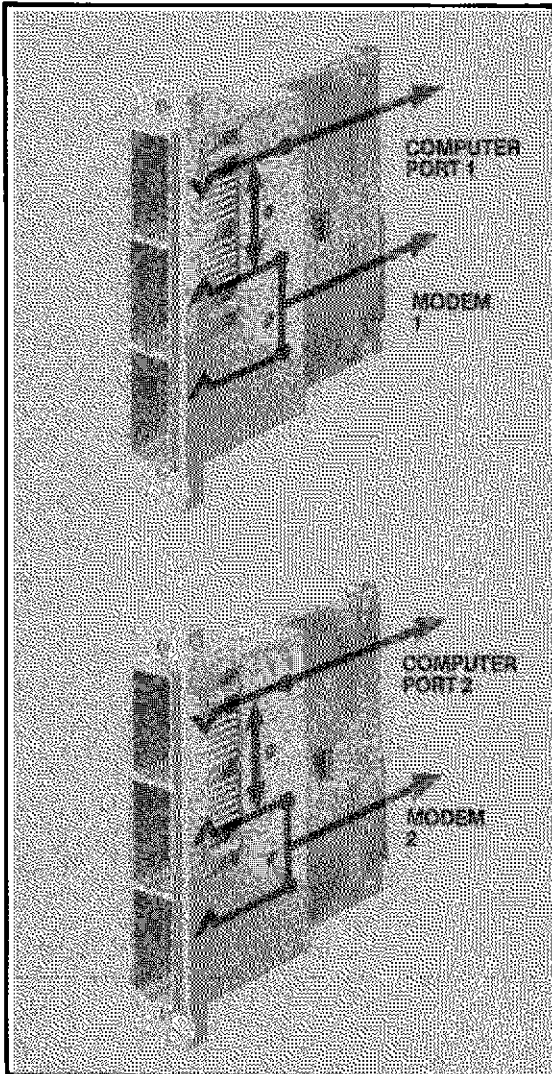


The Dyna-Patch[®] Mark II Jack. . . The Advantages

The DYNA-PATCH concept incorporates all desirable patching features in the jack itself. Normal-through connections are achieved without the use of any switches, cords or plugs. Cross patching is accomplished by the instant insertion (and removal) of DYNA-

PATCH cords whose plugs lock firmly in the jacks. DYNA-PATCH jacks and plugs may be mated thousands of times without damage to contact surfaces. DYNA-PATCH jacks allow on-line bridging for monitor/test without circuit interruption.

A final advantage of the DYNA-PATCH concept is that it provides high density patchfields—uncluttered with cords for normal connections—to achieve space savings when designing tech control systems.



WARRANTY

DYNA-PATCH[®] Mark II patching jacks, plugs and patch cords are guaranteed against defects in materials and workmanship for the life of the original equipment installation. Test/Monitor modules and panels are guaranteed for one year.

Under this Warranty, defective

equipment will be either replaced or repaired at the option of Dynatech Data Systems. Dynatech will pay all transportation costs on equipment being returned for warranty repair.

Liability under this Warranty extends only to the replacement value of the equipment. This Warranty is void:

1. If equipment has been altered or repaired without specific authorization by Dynatech Data Systems.

2. If equipment is installed or operated other than in accordance with instructions contained in Dynatech Data Systems Literature and Instruction Manuals.

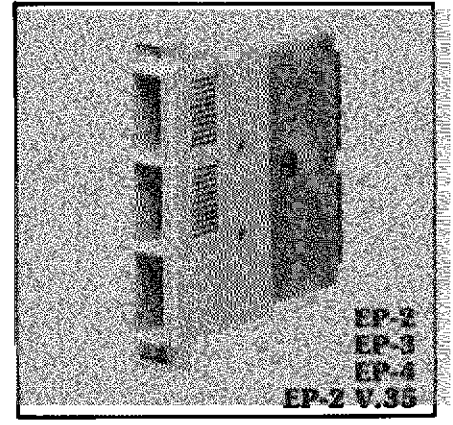
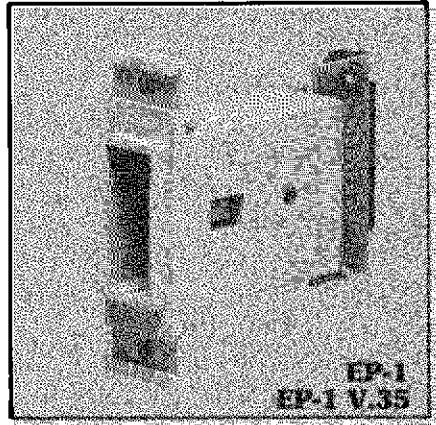
Jacks

Spare Equipment Jack

This 24-circuit jack has a single receptacle on the front and a standard 25-pin female EIA connector on the rear for external cable connections. The EP-1 is used for trunking, monitoring and spare equipment appearances.

This jack mounts in the RA-2 rack adapter.

Order: EP-1



Standard Patch/Monitor Jack

This rugged, self-normalling 24-circuit jack has three patch cord receptacles on the front.

One of these receptacles provides access to the modem, one provides access to the computer port (or terminal), and the third provides monitor/test access on a non-interrupting basis.

External cable connections are made via standard 25-pin EIA connectors mounted on the rear of the jack. A male connector is provided for the modem, and a female connector is provided for the computer port. (Other connector configurations are available.) A connector is provided for the EMM-2 or 2/A monitor modules.

This jack mounts in the RA-1 rack adapter or, with the use of module extender ears, in the RA-4.

Order: EP-2

16 Circuit Patch/Monitor Jack

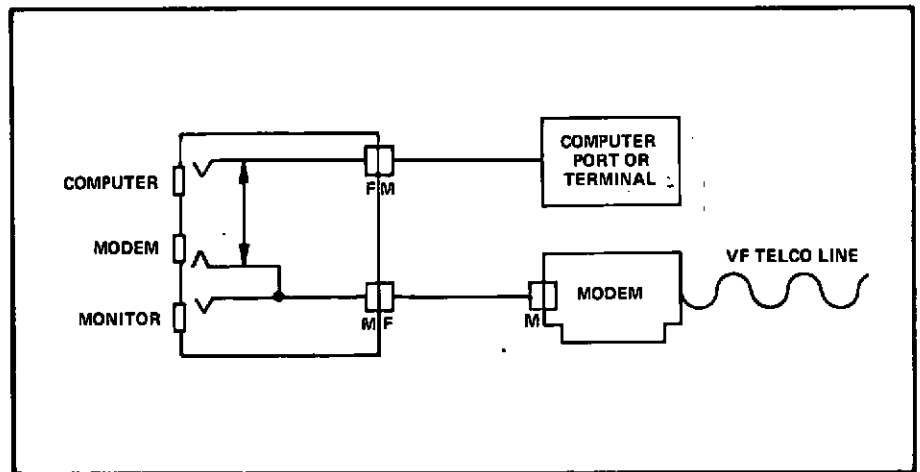
This jack is similar to the EP-2. The exception is that the EP-3 jack accommodates only 16 circuits.

Order: EP-3

12 Circuit Patch/Monitor Jack

This jack is similar to the EP-2. The exception is that the EP-4 jack accommodates only 12 circuits.

Order: EP-4



V.35 Spare Equipment Jack

This jack is identical to the EP-1 jack with the exception that it provides a V.35 interface (34 pin connector) to the terminal or communications equipment.

Order: EP-1 V.35

V.35 Patch/Monitor Jack

This jack is identical to the EP-2 jack with the exception that it provides a V.35 interface (two 34 pin connectors) to the terminal and the communications equipment.

Order: EP-2 V.35

Standard Wiring

The standard wiring used on the 24, 16, and 12 circuit jacks; and on the V.35 interface is described in detail on page 13 of this catalog.

Color Option

EP-2, EP-3 and EP-4 jacks (only) are available in red, green, or black color in place of the standard beige color for the purpose of color coding channels. See price list for details.

Test / Monitor Modules and Panels

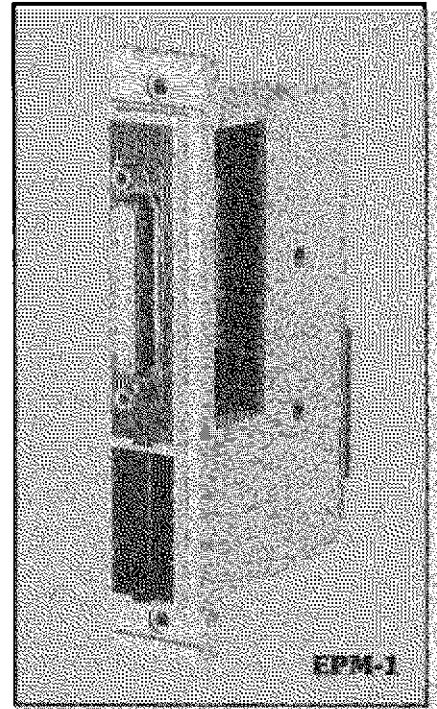
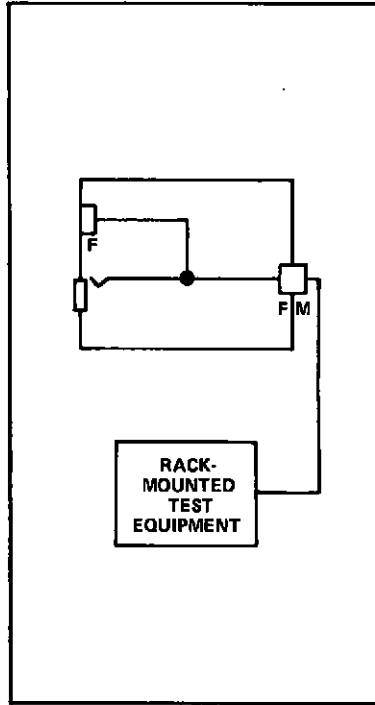
Test Module

This module mounts in the Rack Adapter Panel RA-1 (or with module extender ears, in the RA-4) and has a receptacle for the EPC-1-Y patch cord. It brings out the RS-232/V.24 leads to a standard female 25-pin EIA connector mounted on the front of the module so that test equipment may be connected.

A second female 25-pin connector (in parallel with the first) is mounted on the rear of this unit for use with rack mounted test equipment.

This module is normally located in the 17th or 18th position in the rack.

Order: EPM-1



Monitor Module

This module mounts in the Rack Adapter Panel RA-1 (or with module extender ears, in the RA-4) and has a receptacle for the EPC-1-Y patch cord.

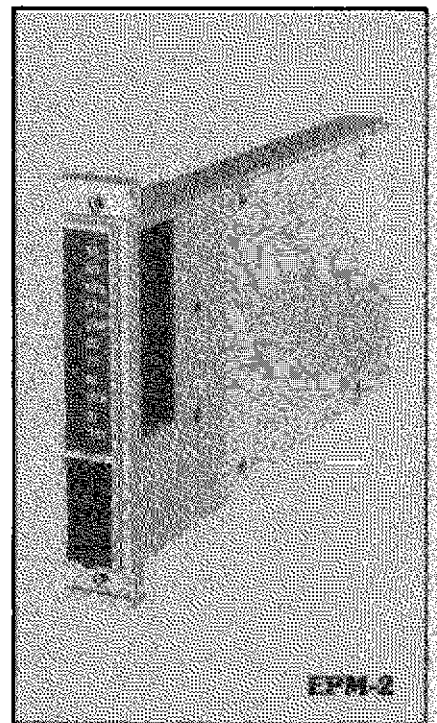
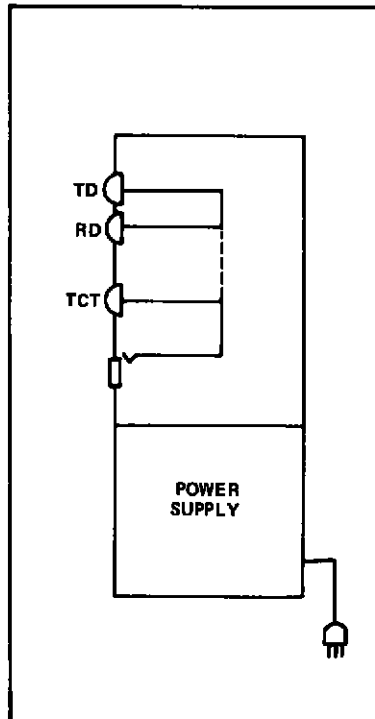
Eleven LEDs appear on the front of this module for monitoring the status of the following EIA leads: TD, RD, RTS, CTS, DSR, CD, TC, RC, DTR, RI, and TCT.

To prevent circuit loading, this unit has a high impedance (100K ohm) input and a built-in power supply to drive the monitor LEDs.

The EPM-2 has a self-contained power supply and AC power cord. Power required is 115 VAC, 57-63 Hz, single phase, 1/4 amp.

This module is normally located in the 17th or 18th position in the rack.

Order: EPM-2



Bit Error Rate Test Module

- Bit/Block Error Tester
- Test Phone Lines and Modems
- Industry Standard Patterns
- Compatible with Mark II Equipment

The Mark II Bit Error Rate Test Module is a compact, microprocessor based, bit/block test instrument. The unit is designed to mount in the last two slots of the RA-1 or RA-4 rack adapters; and provides direct access to any terminal or port in the system through the standard Mark II patch jack.

A bit/block error rate test module is designed to quickly and easily determine the number of errors on a data link. The technique is to send a standard pattern down the link and then to receive the pattern and count any changes in it.

The MARK II BERT is patched into the DCE position of a patch jack, replacing the terminal or port. The user then loops back the distant end of the link. Selection of the pattern type (511, 2047, alternate mark/space, constant marking, or constant spacing), speed, and receiver mode is also required.

Operation

Front panel pushbuttons select the I/O parameters and pattern type. Errors are displayed on standard three-digit, seven segment LED readouts. Access to the test set is via a standard MARK II patch cord. LEDs indicate the status of RTS, TD, and RD. The RTS lead is front panel controlled.

Specifications

Electrical

Data Transmission Timing: Synchronous and asynchronous
 Communications Mode: Full duplex, half duplex, and simplex
 Bits per Character: 8
 Data Transfer Rates: Internal (crystal controlled) - 75, 150, 300,



600, and 1200 bits per second. Accuracy within 0.5%. (Async only); External - Determined by the DCE clock. (Sync only)
 Parity: None
 Stop Bits: One
 Test Patterns: Standard 511 and 2047 bit pattern stream, mark, space, and alternate.
 Test Modes: Continuous bit error rate and continuous block (1000 bits) error rate.

Display

Error Display: 3 digits, 7 segment, LED display
 Data Source: Transmitted data, Received data - 2 LED indicators.
 Test Pattern: 5 LED indicators - MARK, SPACE, ALTERNATE, BERT 511, and BERT 2047.
 Data Rate: 6 LED indicators -

1.2K, 600, 300, 150, 75, and external

Counter Overflow: If the error count exceeds 999 the error count display will be blanked and the counter overflow LED indicator will be illuminated.

Power Requirements

Line Voltage Range: 115V - 90 to 132V; 230V - 180 to 250V.

Line Frequency Range: 47 to 63 Hz
 Power Consumption: Approx. 12 watts

Physical

Mounts in RA-1 Rack Adapter or RA-4

Dimensions (approx.): Width - 2 inches; Height - 5.25 inches; Depth - 13 inches

Weight (approx.): Net 3.5 lbs.

Order: MARK II BERT

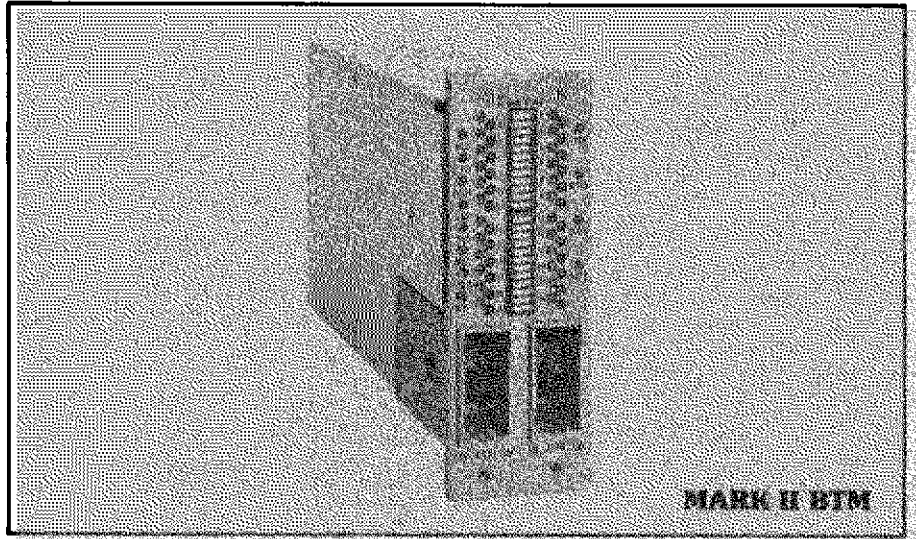
Breakout Test Module

This compact module normally mounts in the last two positions in the rack adapter. It permits continuous LED monitoring of 12 different signals (clock and data plus 8 control signals). It also provides direct access, through switches and test/injection points, to the full EIA interface (pins 2 through 25).

For non-interrupt monitoring, a patch cord is connected between the Breakout Test Module and the appropriate monitor patch jack. For direct signal control, two patch cords are used to connect the Breakout Test Module in series between the computer (DTE) and the modem (DCE).

Power requirement is 115 V, 60 Hz, 25 watts.

Order: Mark II BTM

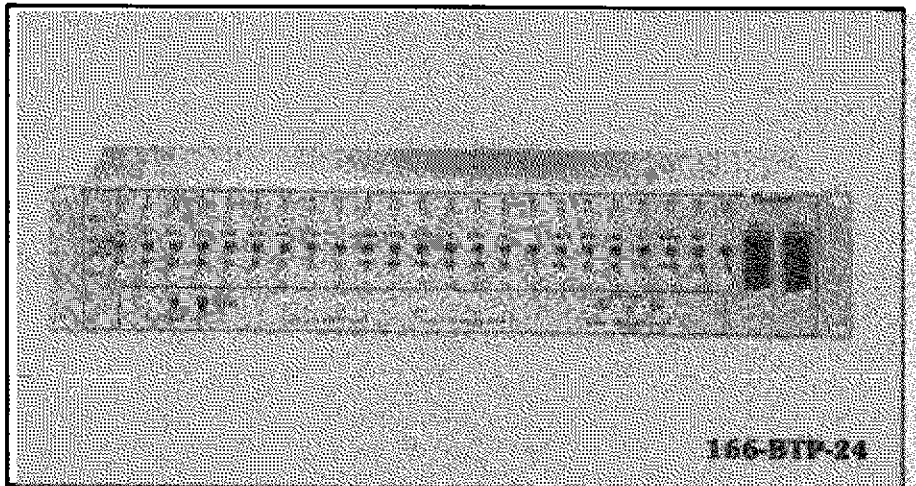


Breakout Test Panel

This unit is functionally similar to the Breakout Test Module. The principal differences are that it provides three-level monitoring (high, off, and low) of all interface signals, auxiliary voltage and ground test points, and a manually reset pulse trap designed to detect pulses as narrow as three microseconds.

The panel is 3½ inches high and mounts in a standard 19 inch rack.

Order: 166-BTP-24



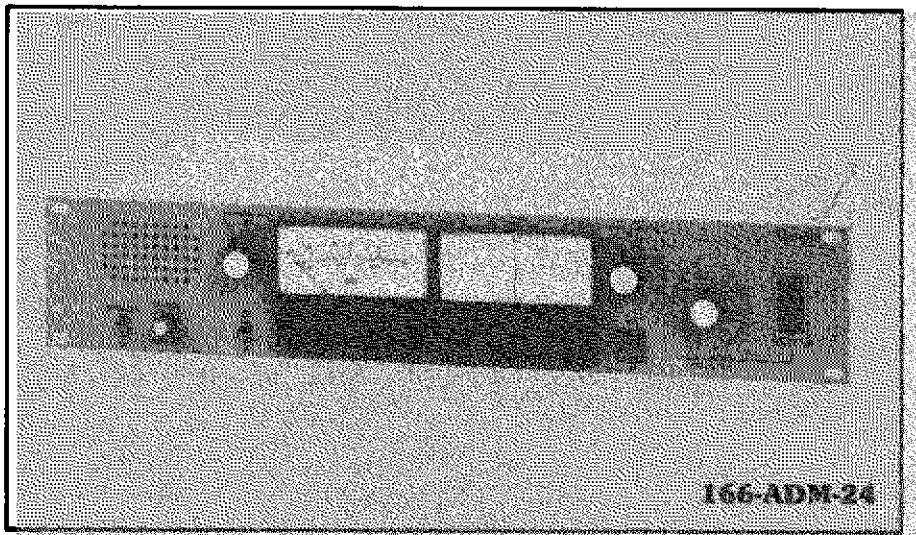
Analog/Digital Monitor Panel

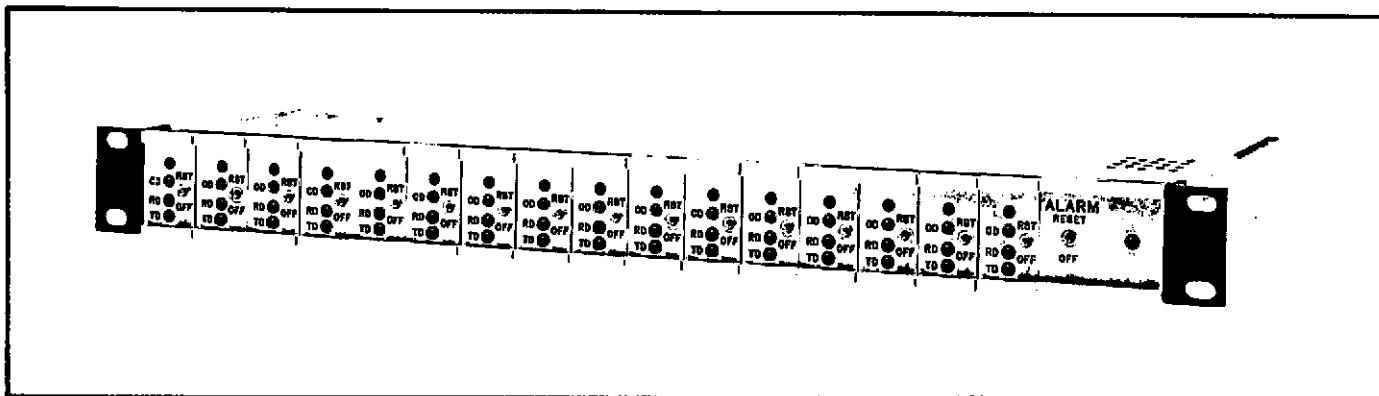
This versatile monitor panel measures the level of VF analog signals, the neutral or polar current from a teletypewriter loop, and the voltage level on a digital interface. A front panel switch is used to select any one of the 24 interface signals of the circuit patched to the panel. Separate jacks are provided for monitoring VF and current loops.

The VF analog measurement range is from +3 to -10 dB in 10 dB increments. The VF signals may also be monitored with the built-in loudspeaker. Two current measurement ranges are provided, ±25 ma and ±75 ma with center zero for both ranges. The two voltage ranges are ±5 volts and ±25 volts with center zero.

The monitor panel requires operating power of 115 Vac, 57-63 Hz, less than ¼ ampere.

Order: 166-ADM-24





Status Alarm Enclosure

This enclosure is 19 inches wide and 1 1/4 inches high and has provisions for plugging in up to 16 EMM-2 or EMM-2/A continuous monitor modules.

A CAM-2 Carrier Alarm Module, which provides an instantaneous illuminated LED and audible alarm if carrier is lost, is included with this enclosure.

The EMP-2 has a self-contained power supply and AC power cord. Power required is 115 VAC, 57-63 Hz, single phase, 1/4 amp.

The EMB-0 blank filler panel may be used in the empty slots in the EMP-2 enclosure.

Order: EMP-2

Monitor Module

This module plugs into position 1-16 of the EMP-2 Monitor Panel. It provides continuous LED monitoring of Transmit Data, Receive Data and Carrier Detect. The module attaches to any Mark II Patch Jack via a cable which plugs onto the associated jack through a 4 pin connector.

Red LEDs are provided for the Transmit and Receive Data leads of the interface. A Tristate red/green LED is used to monitor Carrier Detect. The LED will display green for normal operation, red if the carrier is not present, and orange (red and green) if the carrier was lost and then recovered. The alarm is reset or disabled by using the front panel on-off-reset toggle switch.

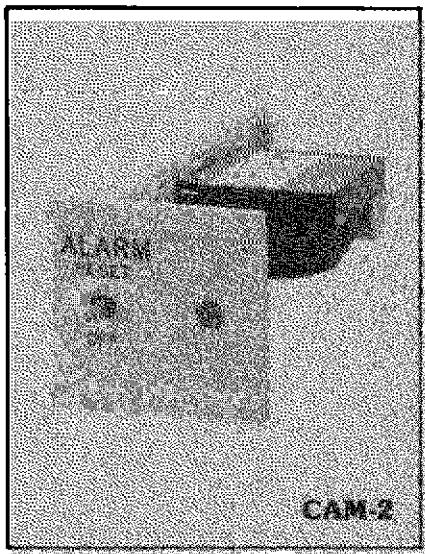
Order: EMM-2

Adjustable Alarm/Monitor Module

This module is similar to the EMM-2 Monitor Module and the two can be intermixed within the same EMP-2 Monitor Panel.

The difference is an adjustable delay (0 to 60 seconds) carrier alarm feature, controlled with a front panel potentiometer. The alarm delay is useful for polled environments where momentary carrier loss is normal.

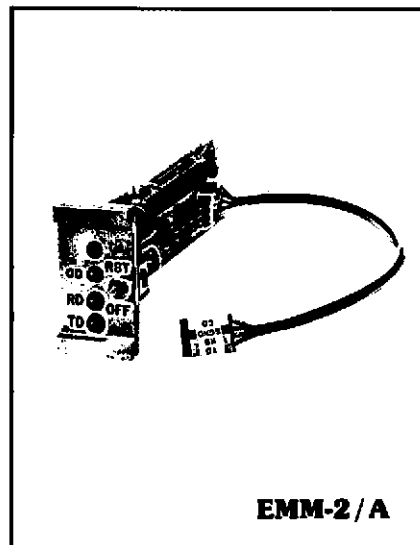
Order: EMM-2/A



Carrier Alarm Module

This module is furnished with the EMP-2 Monitor Panel. The unit plugs into the 17th and 18th positions of this panel. It provides an audible and visual alarm if a loss of carrier alarm occurs in any individual monitor module in the enclosure. The front panel LED identifies the enclosure sounding the alarm while the LED on the individual module identifies the data channel that has lost carrier. The audible and visual alarm are reset or silenced using the front panel off-reset toggle switch.

Order: CAM-2



Digital Patch Cords and Rack Adapters

16
→

Mark II/Mark II Patch Cord

This patch cord is used with all Dyna-Patch Mark II data jacks. The plug body has been designed to provide a positive lock upon insertion into the jack while permitting, without operating a separate latch, a quick disconnect when removal is desired. The patch cord cable is extremely flexible and securely anchored to the plug body by a molded-in strain relief.

Y=3
Order: EPC-1-Y;
Y = length in feet

Loopback Plug

Used for looping send/receive circuits for back-to-back equipment testing. Customer to specify wiring.

Order: EPP-LB-24

Terminating Plug

Used to terminate patched off source circuits. Customer to specify wiring.

Order: EPP-1-24

Mark II/EIA Patch Cord

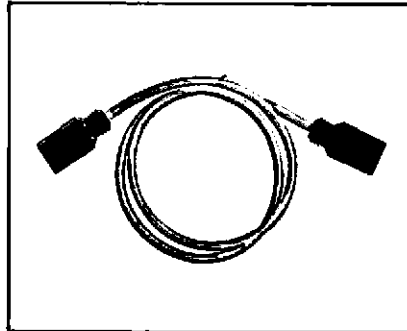
Patch cord with EIA connector on one end used for connecting test equipment to patch jacks.

Order: EPC-1-EIA-X-Y;
X = connector type (M/F);
Y = length in feet

Mark II Patch/V.35 Cable

This cable provides connection between a standard Mark II patch jack and a V.35 interface. Customer must specify male/female connector and cable length in five foot increments.

Order: EPC-1 V.35-X-Y;
X = connector type (M/F);
Y = length in feet



EIA/EIA Cable

This cable provides connections between two EIA RS-232 interfaces. Customer must specify male/female connectors and desired length, in five foot increments, up to 50 feet.

Order: 153-EIA-XX-Y;
XX = connector type (M/F);
Y = length in feet

V.35/V.35 Cable

This cable connects two V.35 interfaces. Customer must specify male/female connectors and cable length in five foot increments.

Order: 153-V.35-XX-Y;
XX = connector type (M/F);
Y = length in feet

Patch Cord Holder

Mounts on wall or side of equipment rack. Provides space to hang 30 patch cords.

Order: PCH-30

Custom Cables

Custom conversion patch cords and cables are available. For example, Dyna-Patch to Mark II. Consult factory for details.

2

5 1/4 Inch Rack Adapter

This adapter is 19 inches wide and 5 1/4 inches high. It accepts up to 16 patching jacks (EP-2, EP-3 or EP-4) plus two test/monitor modules (EPM-1 or EPM-2). Crossover switch modules (COS-1 RM), each occupying two jack positions, may also be installed. Unused positions may be filled with EPB-1 blank panels.

Order: RA-1

3 1/2 Inch Rack Adapter

This adapter is 19 inches wide and 3 1/2 inches high. It accepts up to 18 EP-1 spare equipment patching jacks. Unused positions may be filled with EPB-2 blank panels.

Order: RA-2

7 Inch Rack Adapter

This adapter is 19 inches wide and 7 inches high. It accepts up to 18 ABFS-1RM A/B switch modules. All of the 5 1/2 inch high modules that fit the RA-1 may also be installed in the RA-4 by the use of module extender ears which increase their height from 5 1/4 to 7 inches. Unused positions may be filled with EPB-4 blank panels.

Order: RA-4

5 1/4 Inch Filler Panels

These panels are used to fill unused positions on the RA-1 rack adapters.

Order: EPB-1

3 1/2 Inch Filler Panels

These panels are used to fill unused positions on the RA-2 rack adapter.

Order: EPB-2

7 Inch Filler Panels

These panels are used to fill unused positions on the RA-4 rack adapters.

Order: EPB-4

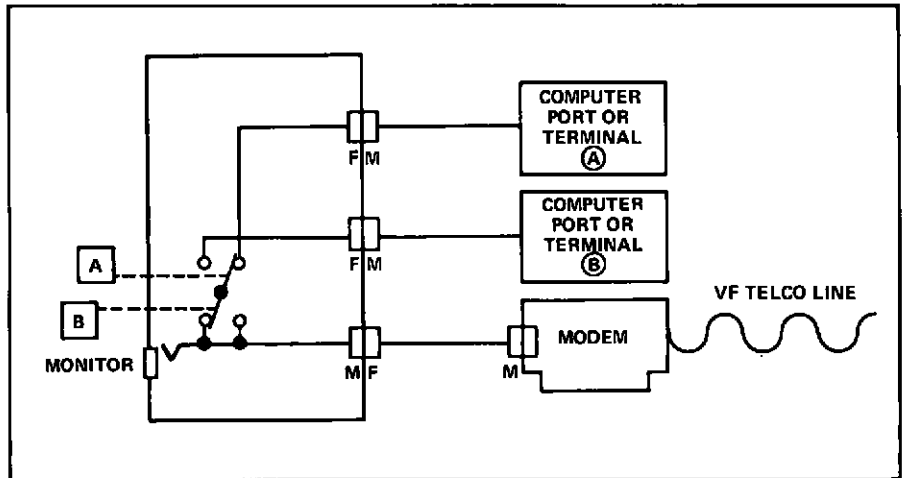
Digital Switching



A/B Fallback Switch

This manually operated push-button switch installs in the RA-4 rack adapter, occupying the module space width of a single channel jack. It has 3 rear-mounted 25-pin EIA connectors: 1 male for the modem and 2 female for computer ports or terminals. A front panel Dyna-Patch Mark II jack permits monitor/test access on a non-interrupting basis.

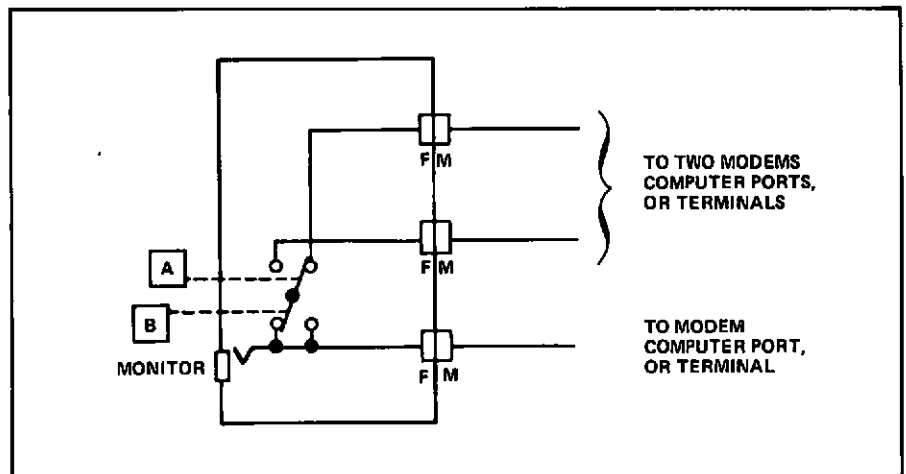
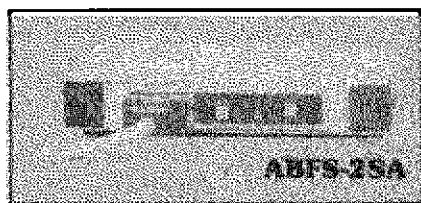
Order: ABFS-1RM



Stand Alone A/B Fallback Switch

The stand alone A/B fallback switch is functioning identical to the rack mount module. The principal difference is that the stand alone version is equipped with three female 25 pin EIA connectors to simplify connections between one modem and two terminals or two modems and one terminal.

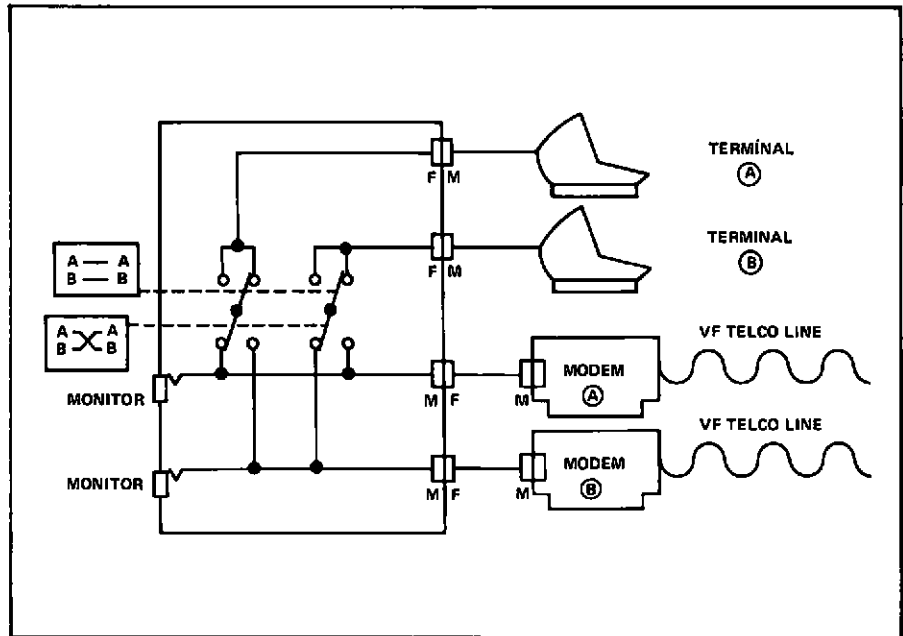
Order: ABFS-2SA



Crossover Switch

This manually operated push-button switch installs in the RA-1 rack adapter (or with module extender ears, in the RA-4), occupying the module space width of two channel jacks. It has 4 rear-mounted 25-pin EIA connectors: 2 male for modems and 2 female for computer ports or terminals. Two front panel Dyna-Patch Mark II jacks permit monitor/test access on a non-interrupting basis.

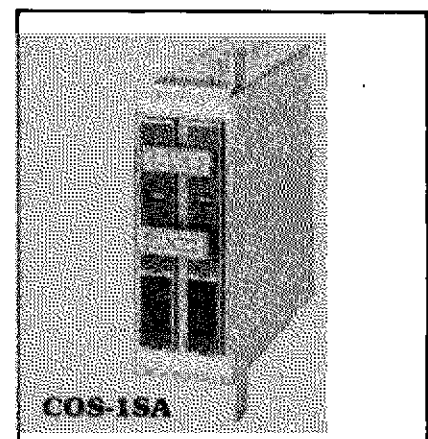
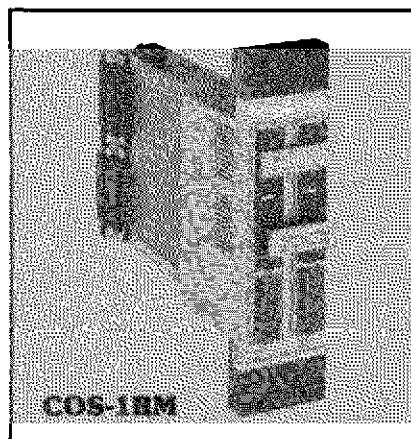
Order: COS-1RM



Stand Alone Crossover Switch

This crossover switch is similar to that described above. It has a sheet metal wrap around enclosure for free standing use or for attachment to the side of a desk, terminal stand, or equipment rack.

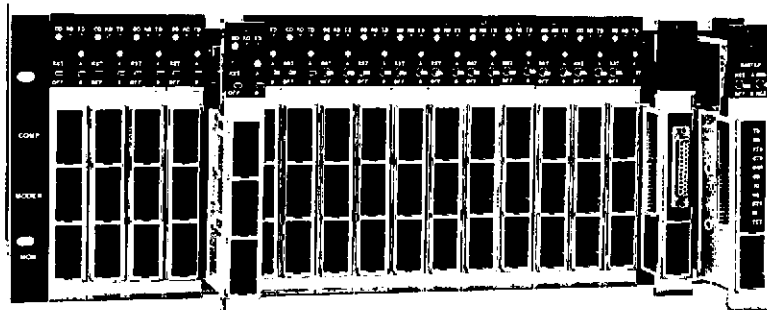
Order: COS-1SA



Electromechanical Digital Switching

Dynatech offers a complete line of electromechanically controlled A/B fallback switch modules and related products. Although these modules perform the same basic function as the mechanically operated modules, they also provide cross patching, remote control capability, signal status monitoring and carrier loss alarm. Additionally, since the switching is accomplished with relays, virtually any number of switch modules may be controlled from a single central point.

A separate Dynatech catalog contains complete information on the switch modules, local control modules, and remote control panels.



VF Patch



FCC Registration #AN695C-76033-01-E

- Modular system provides patching/monitoring capability for VF lines.
- Internal normal-through contact for 4-wires.
- Non-Interruptive Monitoring
- Bifurcated contacts - Two surfaces each capable of carrying the entire load.
- Self-wiping, gold-plated contacts for reliability.
- Lifetime guarantee against defects in materials and workmanship for all jacks, plugs and cords.

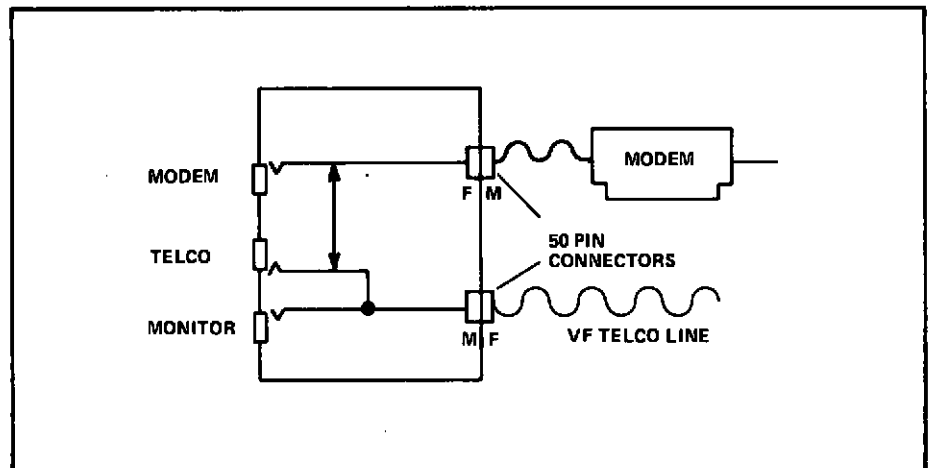
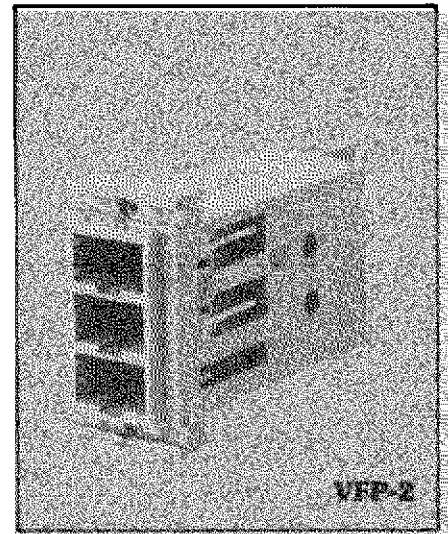
Voice frequency (VF) patching is similar to our standard Mark II digital patching. The only difference is that the patching is done on the analog side of the modem instead of the digital side. The standard VF patch module contains three patch receptacles for each VF circuit. The top receptacle is connected to the modem, the middle receptacle to the telephone company line, and the bottom receptacle provides non-interrupt bridging of the line. The normal-through contacts in the VF patch module provide a direct connection between the modem and the telephone line. The front panel patch receptacle provides direct connection between any modem and any telephone line simply by connecting a VF patch cord between the desired receptacles.

Voice Frequency Patch/Monitor Module

The three receptacle module provides a 4-circuit normal-through connection between the modem and telephone line. It allows an operator with a patch cord to quickly substitute, rearrange, test or monitor the line or equipment.

The VFP-2 module measures 1 $\frac{3}{4}$ inches high by 1 inch wide, and is designed to be installed in the RA-21-16 rack adapter; or, with the 2MC connector set, in the RA-20 rack adapter. The rack adapter has a capacity of 16 patch modules plus one speaker/test module.

Order: VFP-2



Speaker/Test Module

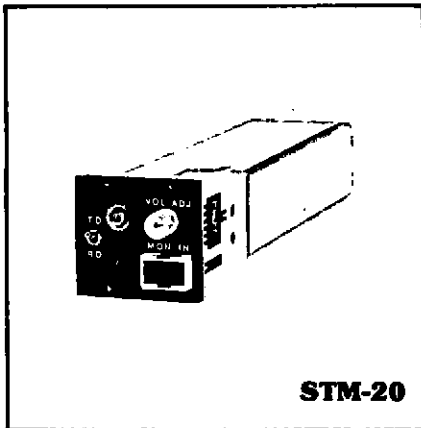
With this module, an operator can monitor the transmit and receive signals of any Voice Frequency line. The unit features a built-in amplifier and speaker with volume control knob, a toggle switch and two test points. To use it the operator plugs one end of a patch cord into the STM-20 and the other end of the cord into a VF patch receptacle.

By listening to the amplified signal, an experienced operator can determine the relative levels of the data signal, background noise, impulse and crosstalk noise; as well as identify phase and gain hits.

If a more thorough analysis of the transmit or receive pair is required, test equipment can be directly connected to two test points. The toggle switch is used to select the transmit or receive pair of the 4-wire line for testing or monitoring.

The STM-20 mounts in positions 17 and 18 of the RA-21-16 or RA-20 rack adapter.

Order: STM-20



STM-20

Bantam Conversion Module

This module provides a direct monitor/test access to both the transmit and receive VF signals of any selected telephone line. The line is selected by inserting a VF patch cord between the conversion module and the appropriate patch receptacle. Both the transmit and receive telephone lines may then be monitored through Bantam connectors, compatible with most VF test equipment. The conversion

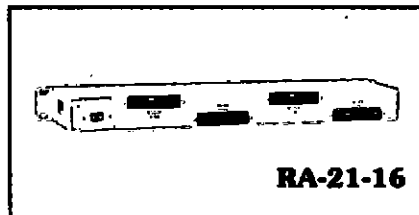
module requires two mounting positions in either the RA-21-16 or the RA-20 rack adapter.

Order: BCM-1

Module Rack Adapter

This mounting frame is 1 3/4 inches high, 19 inches wide and 4 inches deep and holds up to 16 VFP-2 patch jacks. Positions 17 and 18 are available for mounting a model STM-20 Speaker Test Module. Any empty slots may be filled with a VFB-20 filler blank. Each jack is inserted from the front into a card edge connector on the back plane printed circuit board. The input/output signals are routed to four standard 50-pin telephone connectors on the rear panel. Two male connectors are used for the telephone line interface and two female connectors for the modem interface.

Order: RA-21-16



RA-21-16

Rack Adapter

This open-back mounting frame is 1 3/4 inches high by 19 inches wide by 3 inches deep and has 18 slots or positions. It holds up to 18 VFP-2 TJ jacks or 18 VFP-2 jacks with 2 MC mating connectors. The STM-20 speaker test module, which takes up 2 slots, may also be mounted in the frame; typically in the 17th and 18th positions. Any empty slots may be filled with a VFB-20 filler blank. The rear of the frame is open allowing direct cabling to the individual patch jacks.

Order: RA-20

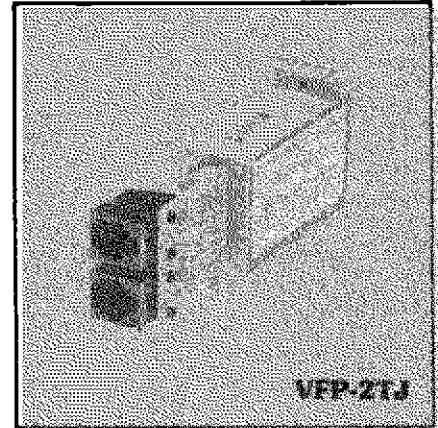
VF Patch Module with Telephone Jacks

This patch module is identical to the VFP-2 jack with the exception that it is equipped with two female telephone connectors (type RJ-11C). The connectors provide a direct, plug-in interface to both the modem and telephone line ter-

mination point with a standard, four conductor, flat telephone cord.

The VFP-2 TJ is designed to be mounted in the RA-20 rack adapter, which is an open-back mounting frame to permit direct cabling to the modules.

Order: VFP-2 TJ



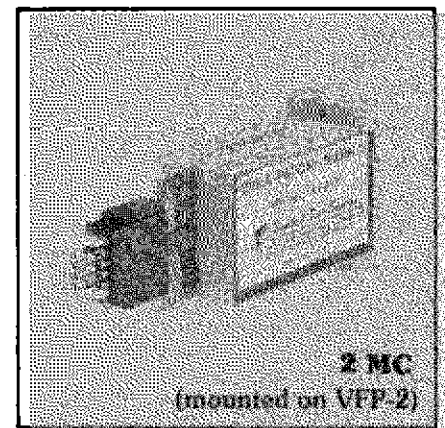
VFP-2TJ

Mating Connector Kit

The standard VF patch module (VFP-2) is equipped with a card edge connector, designed to mate with the back plane printed circuit board in the RA-21-16 rack adapter. The 2 MC mating connector plugs onto the card edge connector on the patch module, providing a solder point termination for both the cable from the modem and the telephone line.

The patch module equipped with the mating connector is designed to be mounted in the open-back, RA-20 rack adapter.

Order: 2 MC



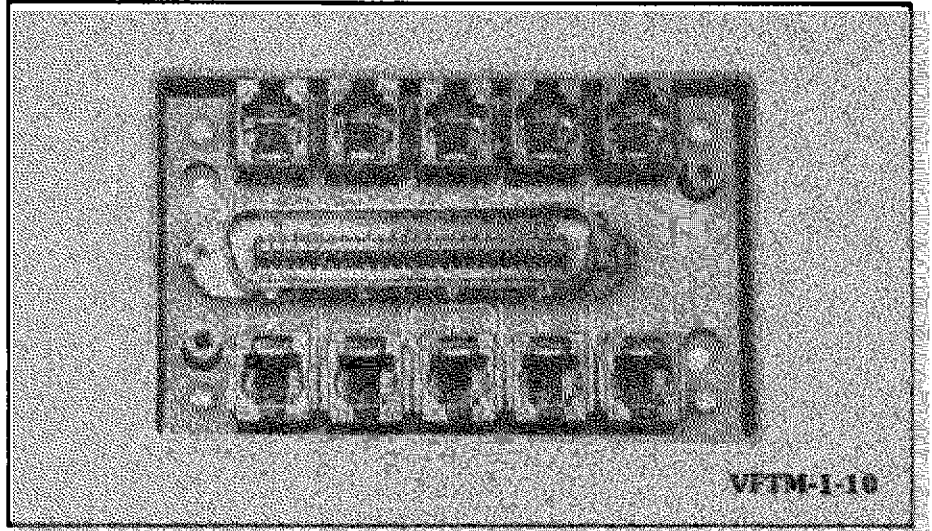
2 MC
(mounted on VFP-2)

Transition Module

This connector adapter module provides a direct, plug-in interface between 10 standard telephone line connectors (type RJ11C) and one 50-pin telephone cable connector. The module is equipped with female telephone connectors and a male 50-pin cable connector.

Typical applications for the VFTM-1-10 include using it to provide direct connection between one 50-pin telephone cable and ten VFP-2 TJ patch modules; or between eight telephone line cords and one of the two 50-pin line connectors on the rear panel of the RA-21-16 rack adapter.

Order: VFTM-1-10



VF Patch Cord

This 4-wire patch cord is used with all VF patching/monitor jacks. The plug features a molded latch, designed to securely hold the plug in the jack; and a strain relief to prevent the cord from pulling away from the plug. The patch cord is available in standard lengths from 1 to 6 feet.

Order: VFC-1-Y;

Y = Cord length in feet

Plug/Plug Telephone Line Cable

This flat, four-conductor telephone line cable is terminated with standard male telephone connectors (type RJ-11C) on both ends. The cable is available in 7, 14, or 25 foot lengths.

Order: 153-VF-PP-Y;

PP = Plug/Plug;

Y = Length in feet

Plug/Spade Lug Telephone Line Cable

This flat, four-conductor telephone line cable is terminated with a standard male telephone connector (type RJ-11C) on one end and spade lugs on the other end. The cable is available in 7, 14, or 25 foot lengths.

Order: 153-VF-PS-Y;

PS = Plug/Spade Lug;

Y = Length in feet

25 Pair Telephone Cable

This 25 pair telephone cable is terminated with standard 50-pin

telephone connectors; a male connector on one end and a female connector on the other end. The cable is available in 25 or 50 foot lengths.

Order: 153-25 PR-MF-Y;

MF = Male/Female;

Y = Length in feet

End Terminal Block

This terminal block contains a 50-pin female telephone line connector internally wired to 50 punch terminals. Normally designated as a "66 E type," the connector block provides a convenient and easy method for direct point-to-point wiring from a 50-pin connector.

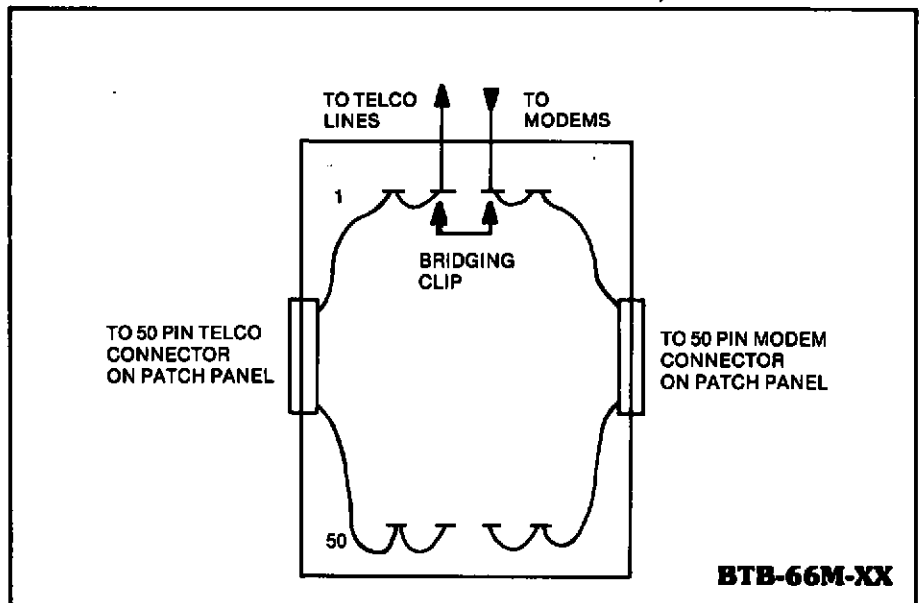
Order: ETB-66E

Bridging Terminal Block

This terminal block contains two 50-pin telephone type connectors (specify male or female) with two punch-down terminals pre-wired to each pin. Normally designated as a "66M1-50 type" block, this device is usually installed between the patch panel (ancillary equipment) and its connections to the modems and telephone lines. The patch panel can be removed from the circuit by installing bridging clips across each pair of terminals and disconnecting the 50-pin cables. The terminal block is supplied with an 89D bracket for easy wall or panel mounting.

Order: BTB-66M-XX;

XX = Male/Female connectors



Equipment Cabinets and Standard Wiring

Equipment Cabinets

Equipment cabinets are available as an integral part of a total tech control system. The basic cabinet consists of the frame, flush right and left side panels, a top panel, and a louvered rear door with lock. The rear door is hinged on the left-hand side. The interior of the basic cabinet is equipped

with mounting rails plus an ac outlet strip and power cord.

The standard cabinet, dark brown in color, is 30 inches deep and provides 70 inches of vertical mounting space for 19 inch equipment. The exterior dimensions are 77 inches high by 21 inches wide by 30 inches deep.

The cabinets may be ordered with optional storage drawers,

retractable writing shelves, and stationary equipment shelves. The storage drawers are the full width of the cabinet, 5¼ inches high, and 17½ inches deep. The retractable writing shelf is the full width of the cabinet by 17½ inches deep. The back edge of the writing surface is hinged to gain access to a 3½ inch storage area.

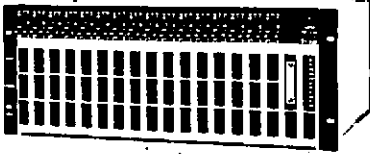
Order: AS-765-070-6

Standard Wiring

EP-2 Wiring 24 Circuit		EP-3 Wiring 16 Circuit		EP-4 Wiring 12 Circuit		EP-1 V.35/EP-2 V.35 18 Circuit	
Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal
1	Protective Ground*	1	Protective Ground*	1	Protective Ground*	A	Protective Ground
2	Transmit Data	2	Transmit Data	2	Transmit Data	B	Signal Ground
3	Receive Data	3	Receive Data	3	Receive Data	C	Request to Send
4	Request to Send	4	Request to Send	4	Request to Send	D	Clear to Send
5	Clear to Send	5	Clear to Send	5	Clear to Send	E	Data Set Ready
6	Data Set Ready	6	Data Set Ready	6	Data Set Ready	F	Carrier Detect
7	Signal Ground	7	Signal Ground	7	Signal Ground	H	Spare
8	Carrier Detect	8	Carrier Detect	8	Carrier Detect	P	Transmit Data
9	+ 12 Volts	9	—	9	—	R	Receive Data
10	- 12 Volts	10	—	10	—	S	Transmit Data
11	Spare	11	—	11	—	T	Receive Data
12	Secondary Carrier Detect	12	—	12	—	MM	DSU Test
13	Secondary Clear to Send	13	Secondary Clear to Send	13	—	V	Receive Clock
14	Secondary Transmit Data	14	Secondary Transmit Data	14	—	W	Spare
15	Transmit Clock	15	Transmit Clock	15	Transmit Clock	X	Receive Clock
16	Secondary Receive Data	16	Secondary Receive Data	16	—	Y	Transmit Clock
17	Receive Clock	17	Receive Clock	17	Receive Clock	AA	Transmit Clock
18	Spare	18	—	18	—	HH	Spare
19	Secondary Request to Send	19	Secondary Request to Send	19	—		
20	Data Terminal Ready	20	Data Terminal Ready	20	Data Terminal Ready		
21	Signal Quality	21	—	21	—		
22	Ring Indicator	22	Ring Indicator	22	Ring Indicator		
23	Data Rate Selector	23	—	23	—		
24	External Transmit Clock	24	External Transmit Clock	24	External Transmit Clock		
25	Spare	25	—	25	—		

* Protective Ground is wired through the jack.

Related Tech Control Products

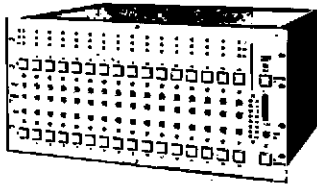


Dyna-Switch Mark II

The versatile Dyna-Switch modules provide complete patching, signal monitoring with carrier loss alarm, plus complete A/B fallback switching that may be selected from the front panel or from a central control site. This series

includes several different remote controllers used to provide A/B selection of up to 16,000 different channels, VF and digital switching, as well as providing status information on any selected channel.

For additional information please request the Dyna-Switch catalog.



Dyna-Patch

This series uses an extremely rugged and reliable barrel-type patch jack to provide 12 or 16 circuit patching or monitoring. The different units in this series are supplied as standard 19 inch panels to minimize installation requirements. Several different configurations

are available, providing patching and monitoring, A/B fallback switching, and VF patching and monitoring. Related products in this series include test/monitor panels and remote control/status display panels.

For additional information please request the Dyna-Patch catalog.

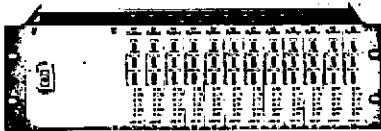


Video Patching

Dynatech offers a complete line of video patching equipment for both coaxial and twinaxial circuits. The patch jacks provide a normal-through connection between the source and load, while

still permitting direct patch access to either the source or the load. An internal termination will automatically be placed across the source when an alternate source is patched through the jack.

For additional information please request the Coaxial/Twinaxial catalog.

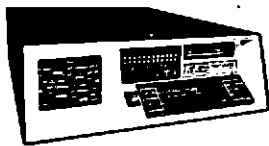


Data Transmission Equipment

This series includes both local data modems and data signal regenerators. The operating range of the local data modems is up to 10 miles at data rates up to 19.2 Kbps. The signal regenerator permits direct connection between any

terminal/computer interface while doubling the operating range of the standard EIA interface. Both units are available as stand-alone enclosures, or modules for card cage mounting.

For additional information please request the Modem catalog.



Diagnostic Equipment

Dynatech offers a complete line of diagnostic equipment; from a hand-held interface breakout tester to a programmable, data communications moni-

tor/simulator. Each unit in this series features convenient operation, high level accuracy, and rugged construction for field use.

For additional information please request the Diagnostic catalog.



Data Network Management

The equipment in this series is designed to provide the user with direct and total control over any private data network. Operating from a full color video terminal, the operator may easily

reconfigure, monitor, and test any selected line. The monitor also records each transaction in a memory bank log, providing an invaluable data base for management reports.

For additional information please request the Dyna-Net catalog.

Dynatech

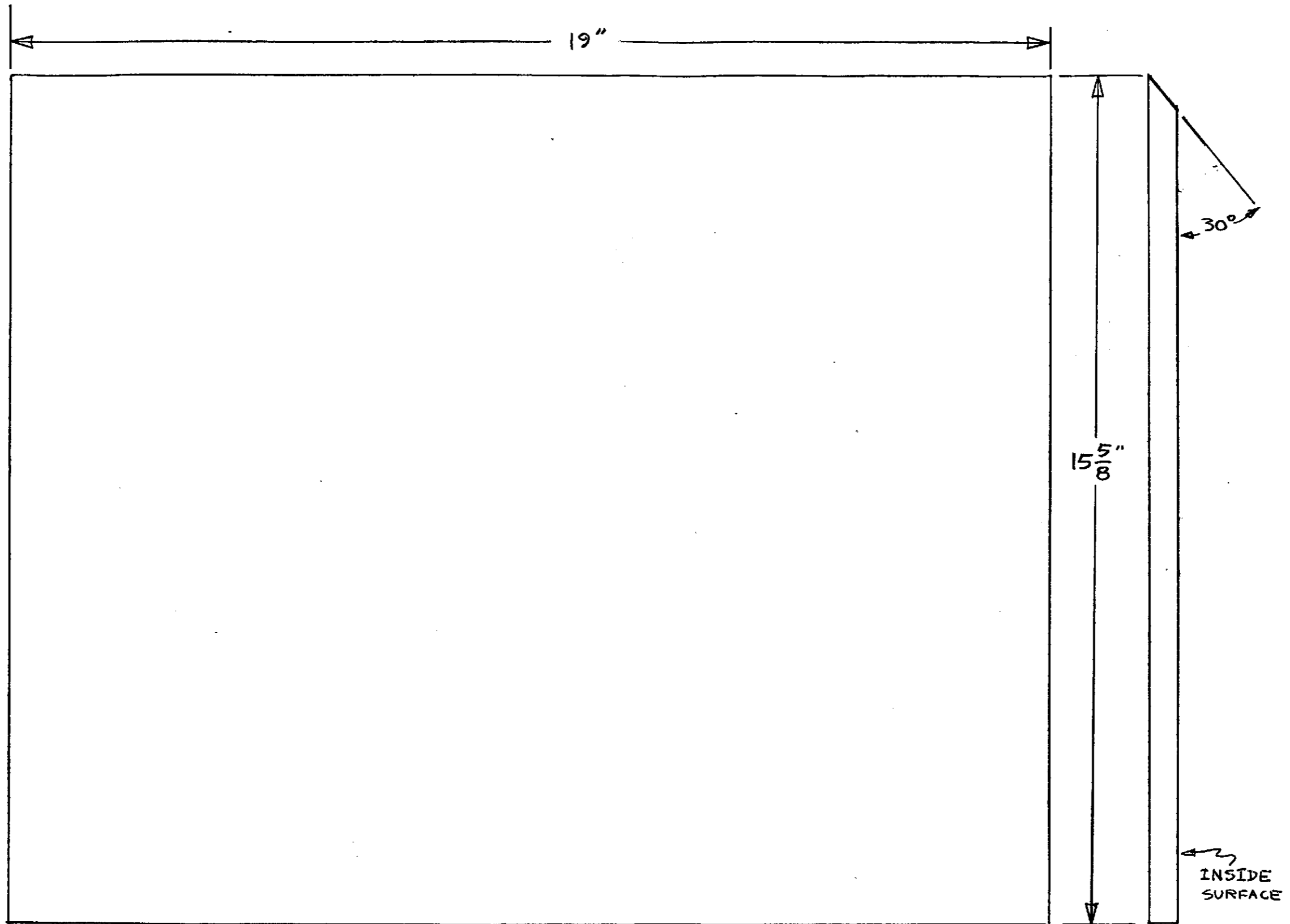
Data Systems

7644 Dynatech Court

Springfield, Virginia 22153

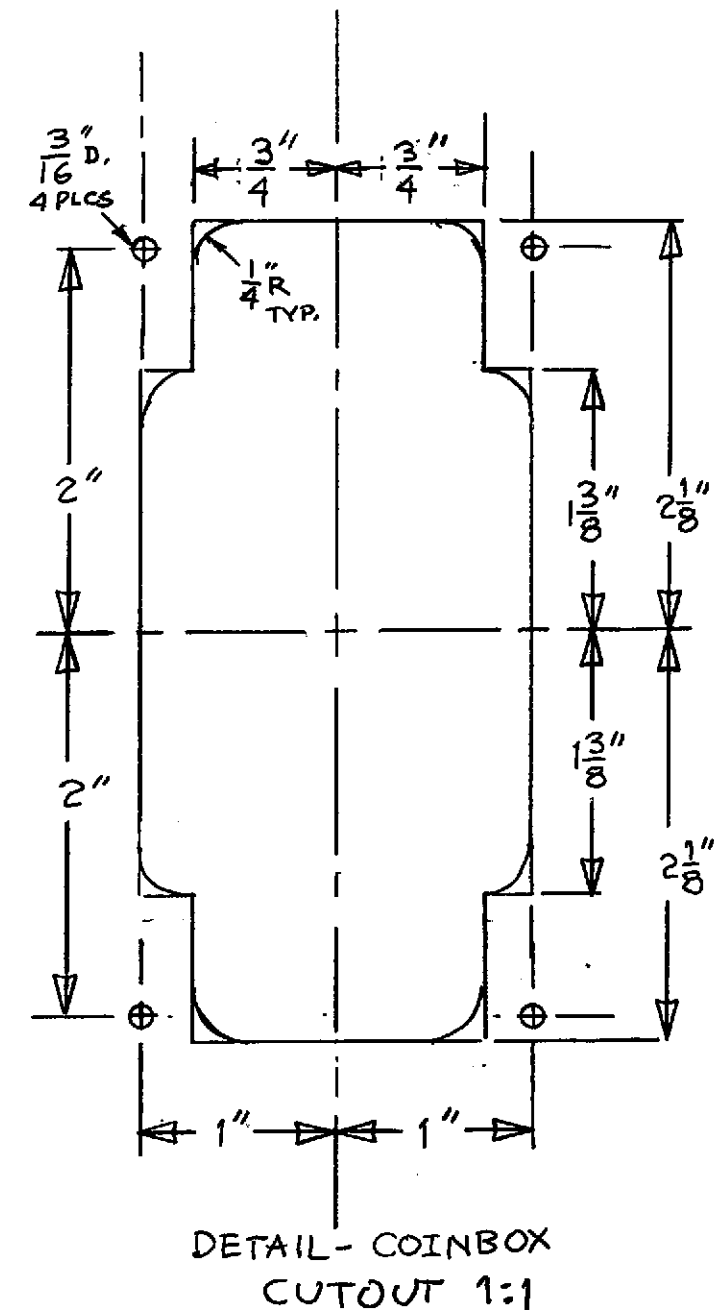
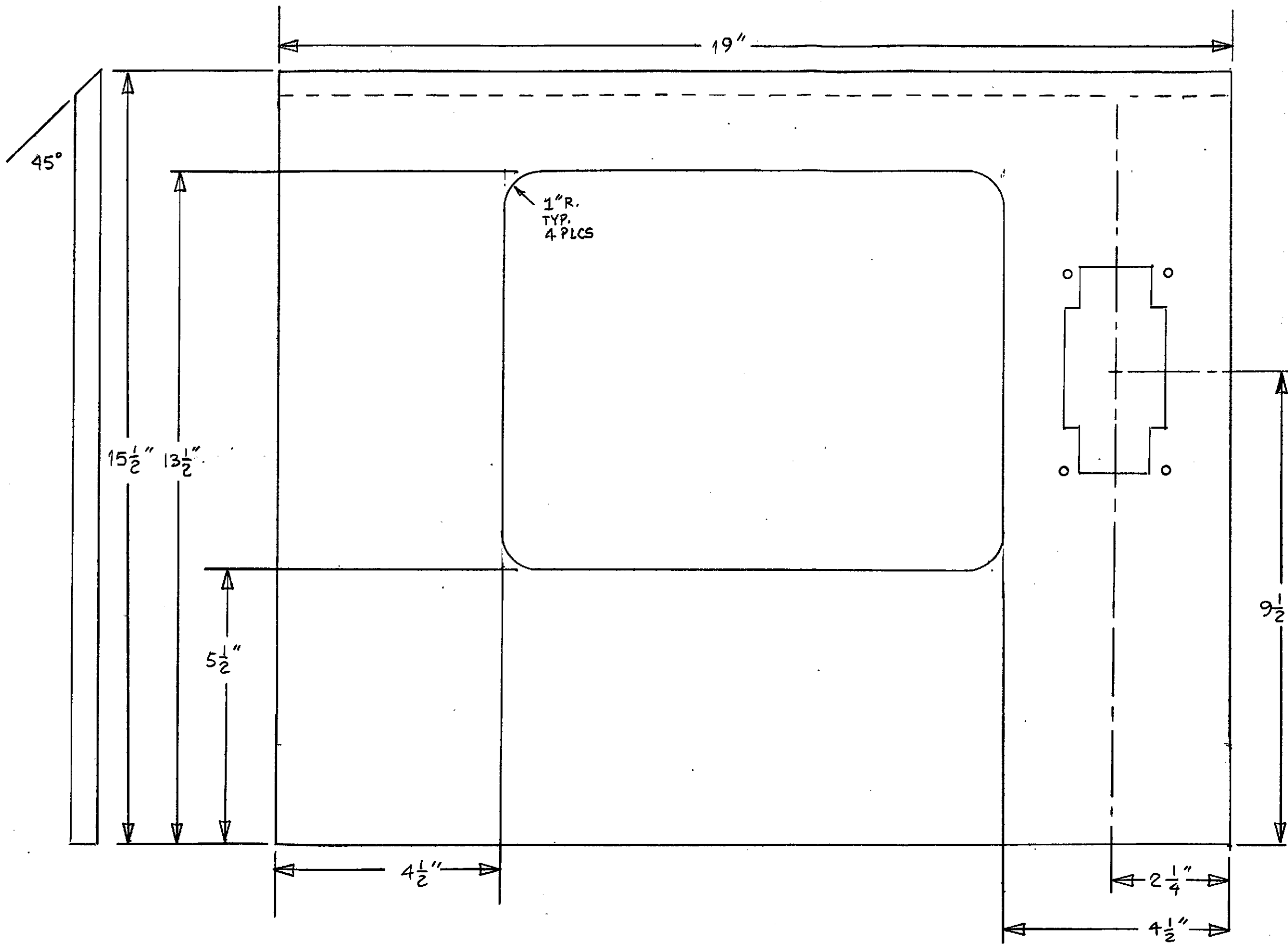
703/569-9000

Telex: 89-9119

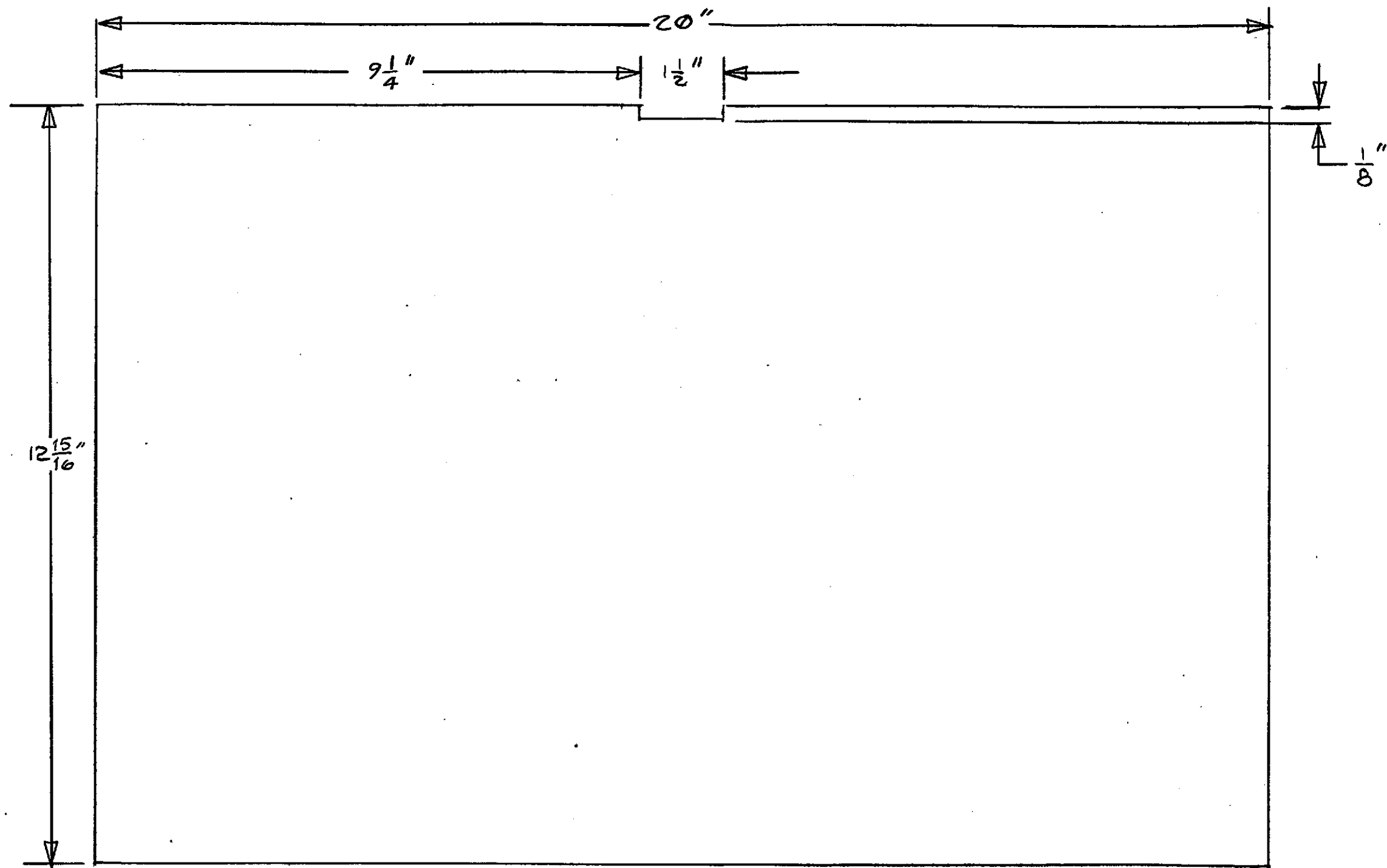


TOP- TERMINAL

7-23-88 L.F.

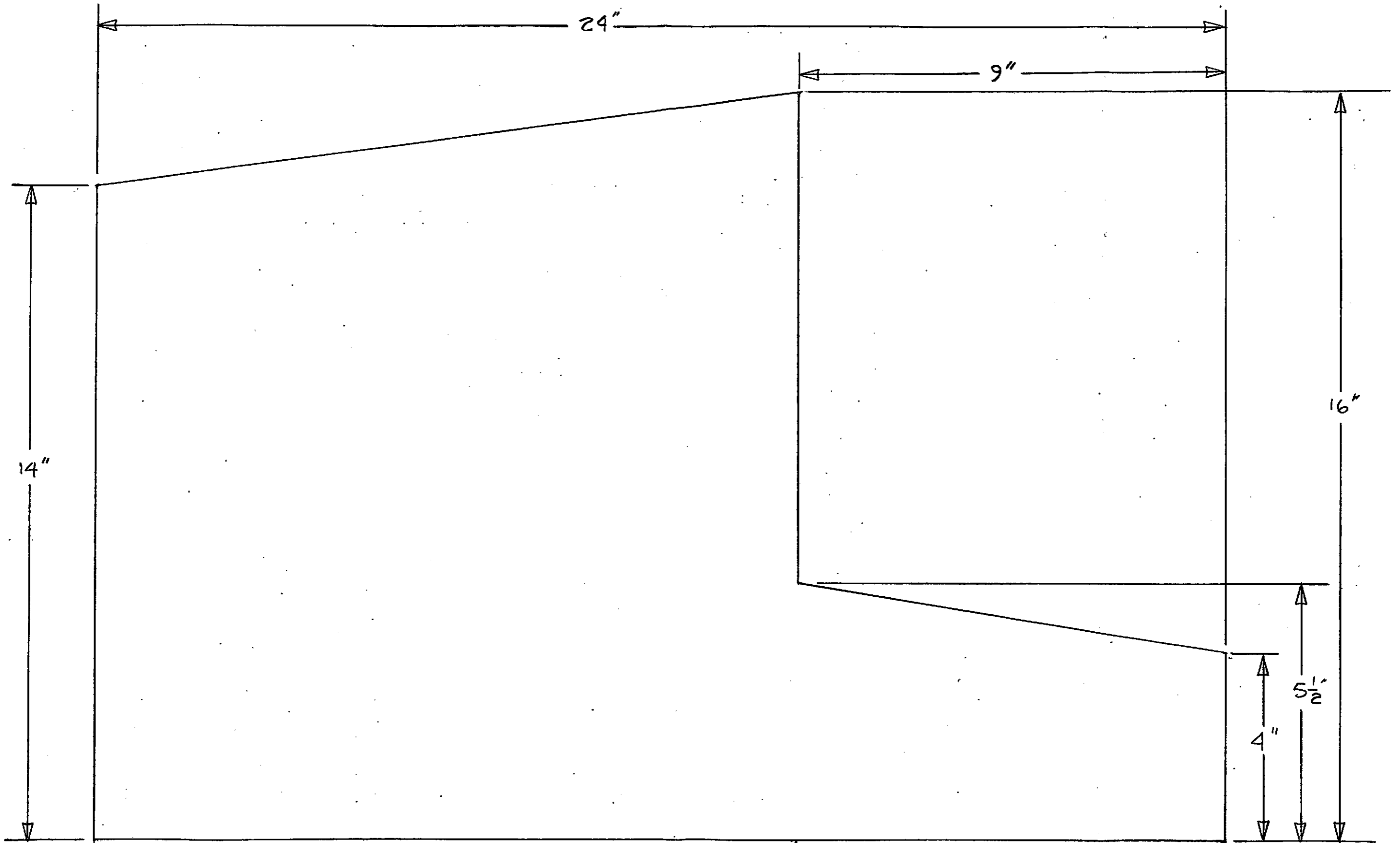


FACE PLATE - TERMINAL 7-23-88 L.F.



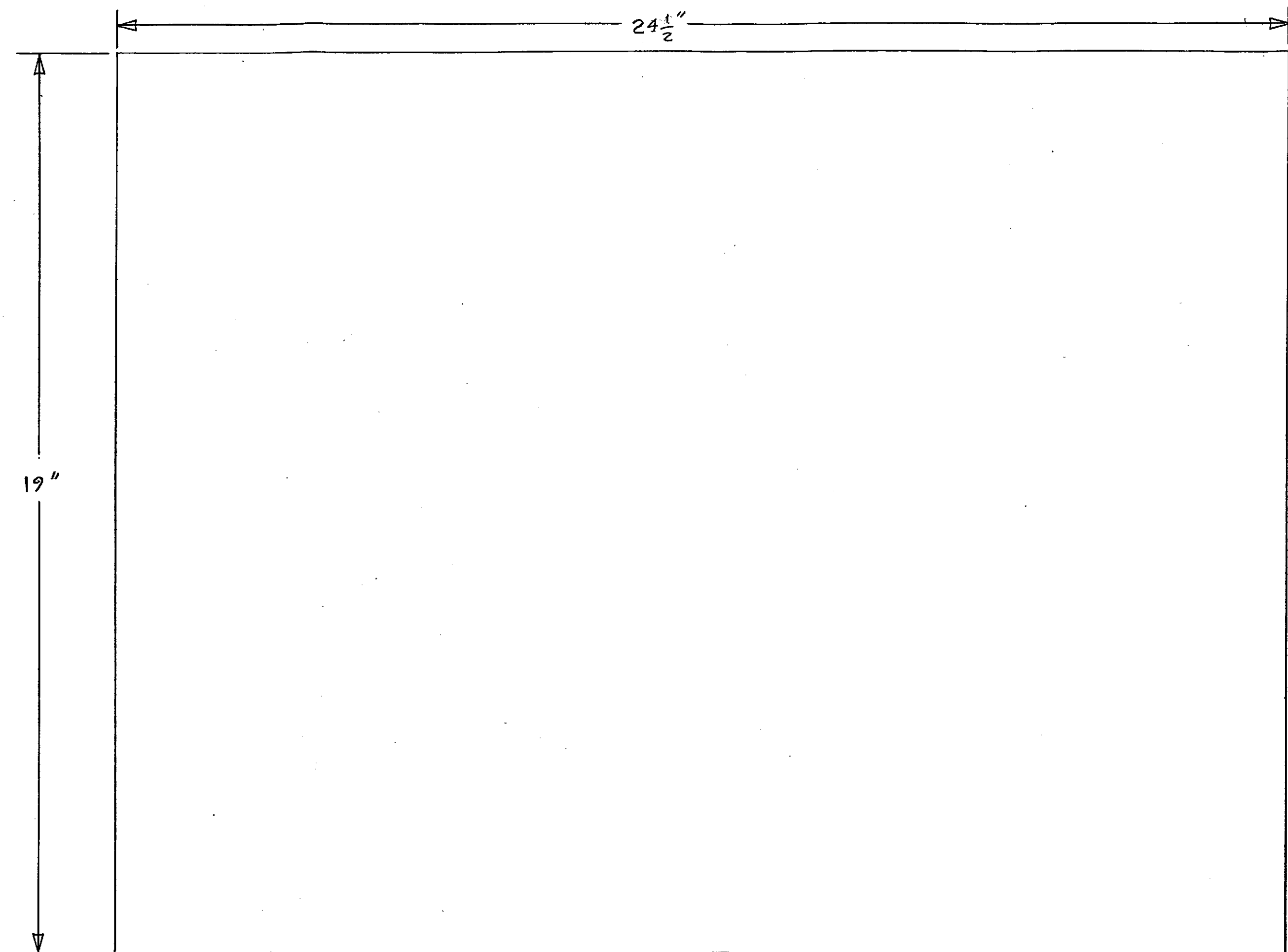
BACK - TERMINAL

7-23-88 L.F.



SIDE - TERMINAL

7-23-88 L.F.

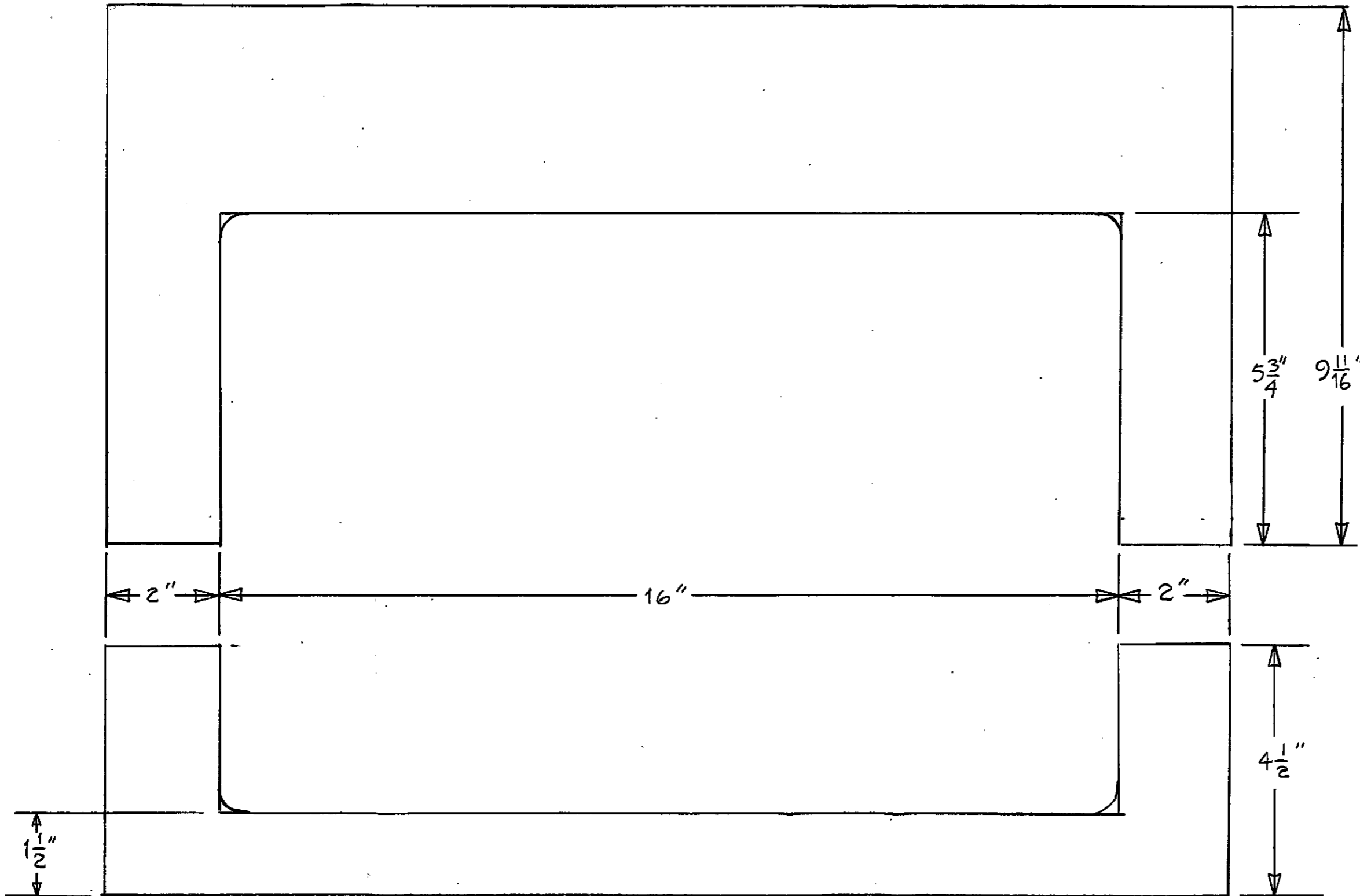


BASE, TERMINAL.

7-23-88 L.F.

KBD TOP

2φ"



KBD FRONT

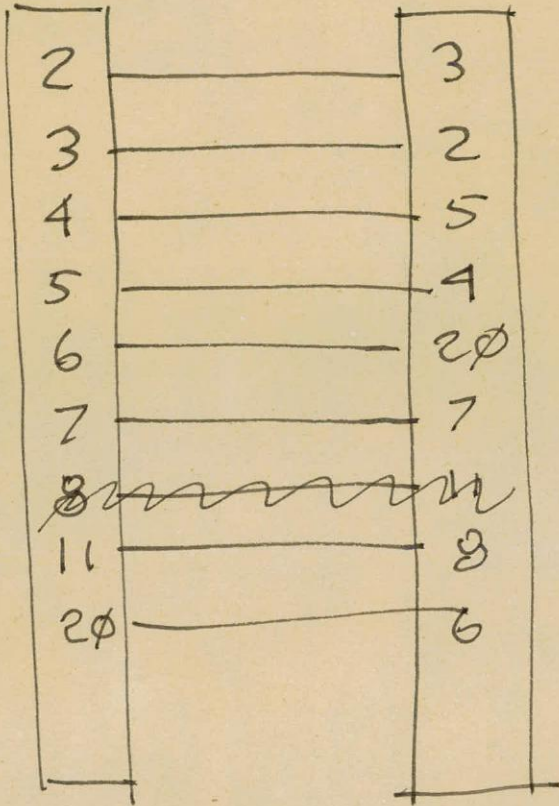
KEYBOARD TOP AND FRONT-TERMINAL

7-23-88 L.F.

Shy

PATCH
PANEL

→ DCE
(MODEM OR
COMPUTER)



```

INX R ;POINT TO NEXT BYTE
MOV A,M ;PICK IT UP
DCX R ;NOW BACK AGAIN
MOV M,A ;DEPOSIT IT
INX R ;NOW TO NEXT BYTE
JMP COMPRESS ;KEEP CRUNCHING
NIARIN: PUSH PSW ;SAVE THE CHAP TO BE INSERTED
MOV A,C ;GET LENGTH OF LINE
CFI ELEN ;SEE IF WE ARENT TRYING TO MAKE LINE TOO LONG
JC OKINS ;IF LENGTH OK, GO INSERT
FOF PSW ;GET THE UNLAWFUL CHAF

IAGI: MVI A,7 ;TYPE A BELL TO LET USER KNOW
CALL OUTDO ;IT ALL OVER
JMP IED ;HE HAS TO TYPE <ESC> TO GET OUT
OKIAS: SUB B ;CALC POINTER TO @ AT END OF LINE
INR C ;WE ARE GOING TO HAVE LINE LONGER BY 1
INR E ;POSITION MOVES UP ONE ALSO
PUSH B ;SAVE [B,C]
XCHG ;SAVE [D,E] IN [H,L]
MOV L,A ;SAVE # OF BYTES TO MOVE IN [L]
MVI H,C ;GET SET TO ADD [D,E] TO [H,L]
DAD D ;CALC HIGH POINTER
MOV H,H ;GET HIGH BYTE TO MOVE POINTER
MOV C,L ;IN [L,C]
INX H ;ALWAYS MOVE AT LEAST ZERO AT END
CALL BRTUC ;MOVE LINE OUT 1 CHAR
POF B ;RESTORE [B,C]
FOF PSW ;GET CHAR BACK
MOV M,A ;SAVE IT IN LINE
CALL OUTCH1 ;TYPE THE CHAR
INX R ;POINT TO NEXT CHAR
JMP IED ;AND GO GET MORE CHARS

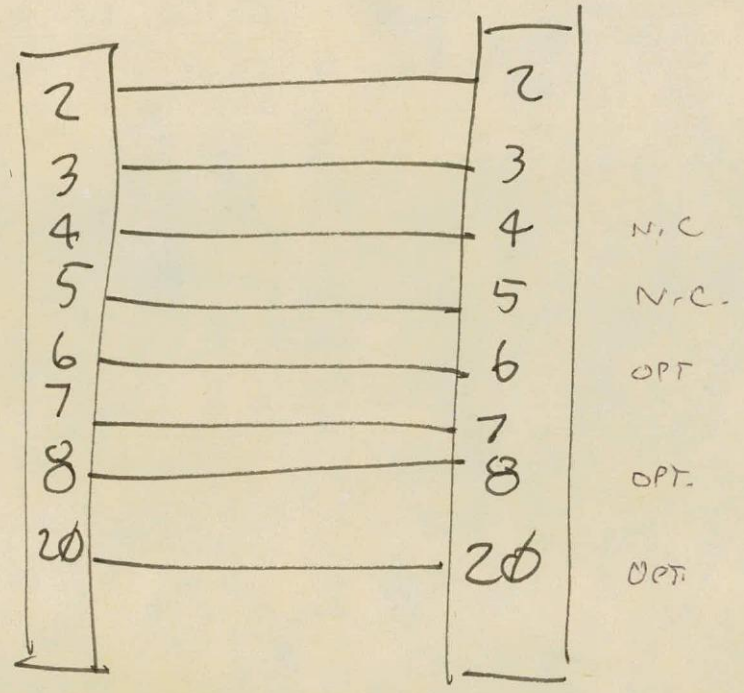
BAKED: MOV A,B ;ARE WE MOVING BACK PAST THE
ORA A ;FIRST CHARACTER
RZ ;DON'T ALLOW IT
DCR E ;CHANGE CURRENT POSITION
DCX H ;MOVE CHAR POINTER BACK
MVI A,E
CALL OUTCH1 ;ECHO IT
DCR E ;ARE WE DONE MOVING BACK?
JNZ IFLEL ;IF NOT, GO BACK MORE
RET ;RETURN

LELEL: MOV A,E ;ARE WE MOVING BACK PAST THE
ORA A ;FIRST CHARACTER
RZ ;DON'T ALLOW IT
DCX H ;CHANGE CURRENT POSITION
DCX H ;MOVE CHAR POINTER BACK
MOV A,M ;GET CURRENT CHAF
CALL OUTCH1 ;ECHO IT
DCR E ;ARE WE DONE MOVING BACK?
JNZ LELEL ;IF NOT, GO BACK MORE
RET ;RETURN

CH1: CALL LISTEN ;TYPE REST OF LINE
LEI: CALL CRRQ ;TYPE CARRIAGE RETURN
    
```

PATCHY
PANEL

→ DTE_s
(TERMINALS)



```

JZ      MDTCCC          ;YES
CPI     7              ;OR BELL?
JZ      MDTCCC          ;OK
CPI     8              ;OR TAE?
JZ      MDTCLC         ;OK
MVI     A,7            ;CFT BELL
CALL    GUT10         ;SEND IT
JMP     CEB2          ;RETRY
AGTECC: MOV     M,A     ;SAVE IN MEMORY
        C,Lo?owwko?ow]w;[!_[]??_o];ARE WE DONE CHANGING?
JNZ     CEB          ;IF NOT, CHANGE SOME MORE.
BIT
LED:    MVI     M,A     ;MAKE LINE END AT CURRENT POSITION
        MOV     C,B     ;SET UP LINE LENGTH CORRECTLY

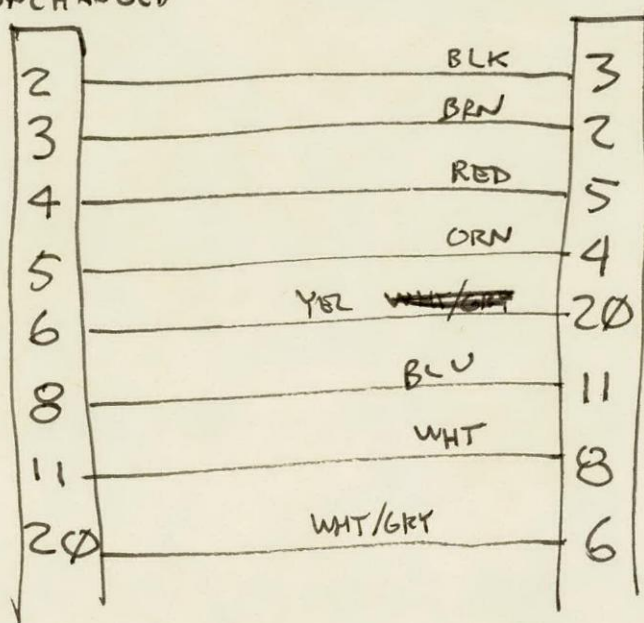
XFD:    MVI     L,255   ;FIND END OF LINE
        CALL    SPED    ;BY CALLING SPACER
;AGV FAIL INTO INSEPT CODE
IED:
        CALL    INCHRI  ;GET CHAR TO INSERT

        CPI     177C    ;DELETE??
JZ      TYFARW        ;YES, ACT LIKE " "
CPI     8              ;Backspace?
JZ      TYFAR1        ;Do delete
CPI     150           ;IS IT A CARRIAGE RETURN?
JZ      CEB2         ;DONT INSEPT, AND SIMULATE <CR>
CPI     230           ;IS IT ESCAPE?
RZ
        ;IF SO, DONE.
CHI     8              ;BACKSPACE?
JZ      TYFAR1        ;TYPE BACKARROW AND DELETE
CPI     10             ;LINE FEED?
JZ      NTARAW        ;ALLOW IT
CPI     7              ;ELL?
JZ      NTARAW        ;ALLOW IT
CHI     9              ;TAE?
JZ      NTARAW        ;ALLOW IT
CPI     32             ;IS IT ILLEGAL CHAR
JC      IED           ;TOO SMALL
CPI     2              ;DELETE PREVIOUS CHAR INSERTED?
JNZ     NTARAW        ;IF NOT, JUMP AROUND NEXT CODE

TYFAR:  MVI     A," "   ;TYPE IT
TYFAR1: BCR     B       ;ARE WE AT START OF LINE?
        INR     E       ;IETS SEE
JZ      DINGI         ;IF SO, TYPE DING.
CALL    GUTCH1        ;TYPE THE BACK ARROW
ICX     E             ;BACK UP THE POINTER
BCR     F             ;MOVE BACK POSIT IN LINE
IXI     E,IED         ;SET UP RETURN ADDRESS
HUSH:   D             ;SAVE IT ON STACK & FALL THROUGH
; SUBROUTINE TO DELETE CHAR POINTED TO BY [H,L]. CORRECTS C.
DELCH:  HUSH         ;SAVE CURRENT POSIT POINTER
        ICR     C       ;MAKE LENGTH OF LINE ONE LESS
        MOV     A,M     ;GET CHAR TO DELETE
        OFA     A       ;ARE WE AT END OF LINE
        SFC
        JZ      NOPRET ;IF SO, DONE COMPRESSING
    
```

PATCH CABLES

UNCHANGED



(FORMERLY)

~~BRN~~ BRN

BLK

ORN

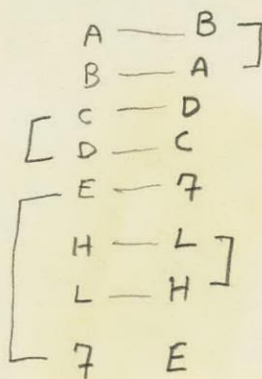
RED

WHT/GRY

WHT

BLU

YEL



BRN A
 BLK B
 ORN C
 RED D
 WHT/GRY E
 WHT H
 BLU L
 YEL 7

ALL OTHER WIRES UNCHANGED.

PAIRINGS:

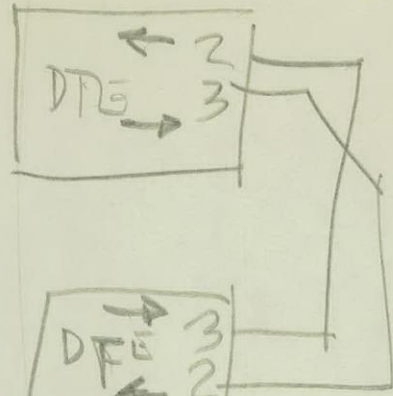
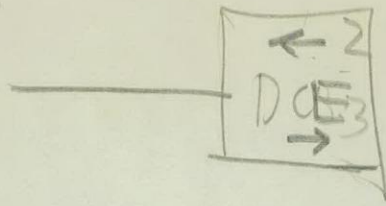
2 ↔ 3

4 ↔ 5

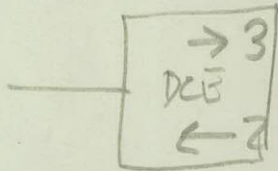
6 ↔ 2φ

8 ↔ 11

TERM
(ATS)

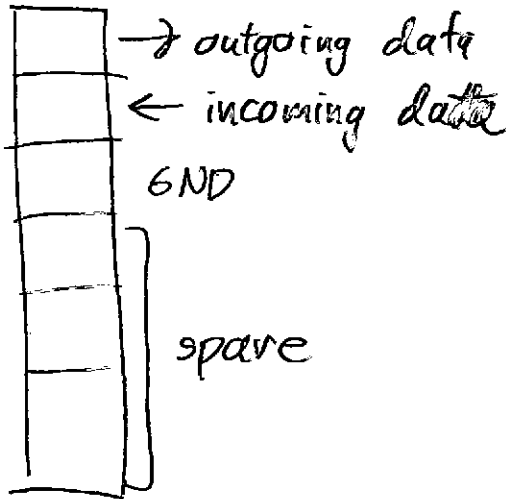


COMPUTER
MODULEM

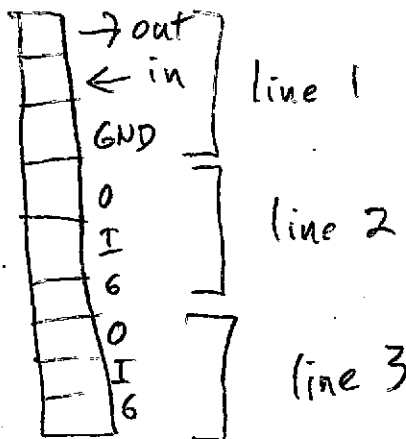


P 35 outputs on pin 3 (black?)

distribution cables @ patch panel



barrier strips



DTE
drop
3
2
7

DCE
drop
2
3
7

front
A1 - CM
A2
A3

B1 - Karen
B2 - Floating pgmr
B3

C1 - carl
C2 - sandy
C3

rear
D1
D2
D3

General plan:

Uncarpeted area for dancing, drinks and some seating on whatever carpeted area Lee cleans off. Balcony area & kitchen open, with offices barricaded, or locked.

Admissions table will probably have to be on the stoop; I can't think of another spot.

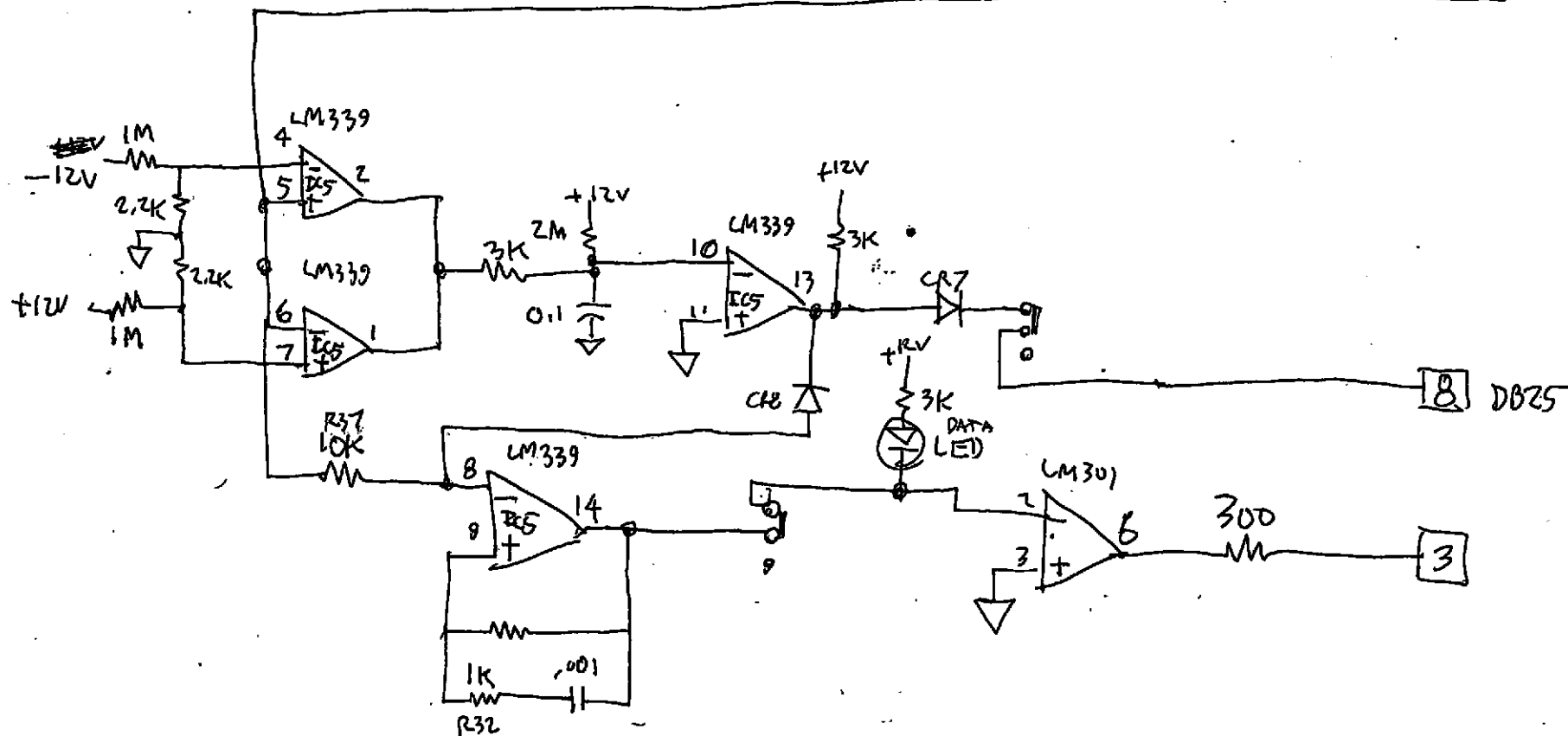
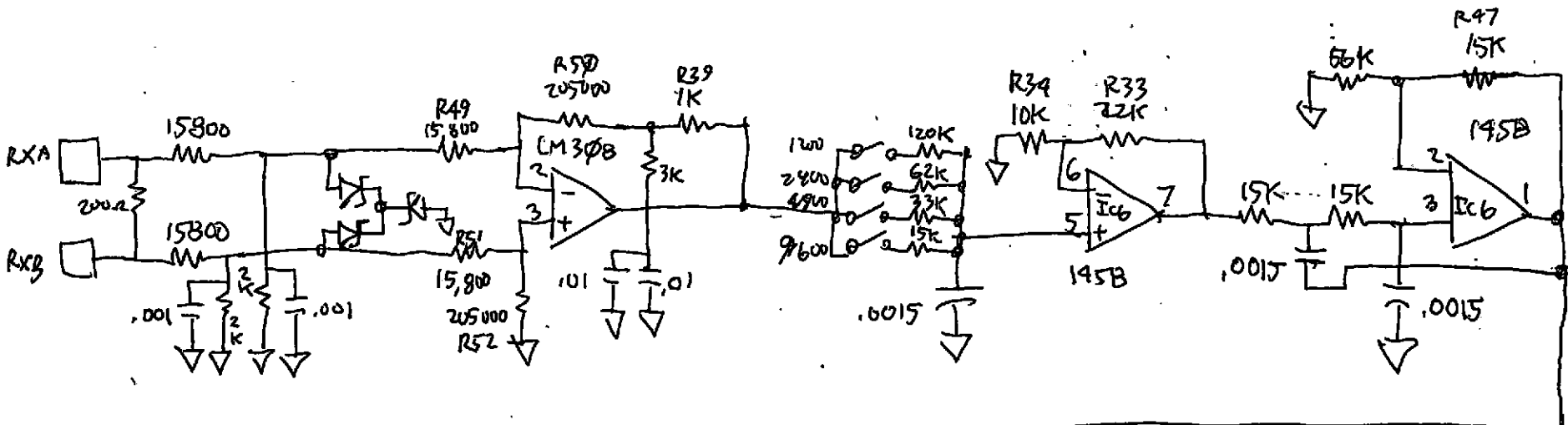
The money: we get 65% of (door - expenses). Expenses are: security guard, posters, etc. We keep all the proceeds from drinks.

The band will play two 1-hour sets; there will be a disk jockey between time. The band will bring its equipment, and platforms. The disk jockey will supply his own equipment.

The band will use the "lobby" of the Zoo for their equipment and lounge. One member of the band will have a key to that door for the night.

Publicity has been sent to about 10 radio stations, the Daily Cal, the Express and the Guardian. KUSF & KALX will each give away 5 pairs of tickets, and will also receive staff tickets. CM has sent flyers to about 400 people, and there are flyers on the terminals.

The band/the band's manager are making up handbills and posters for the street. They should be available today or tomorrow.



MICOM 100 MODEM
RECEIVE CHANNEL

```

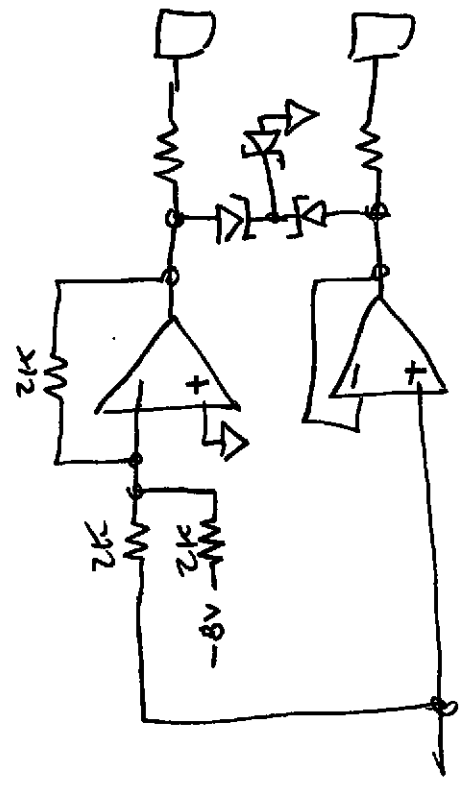
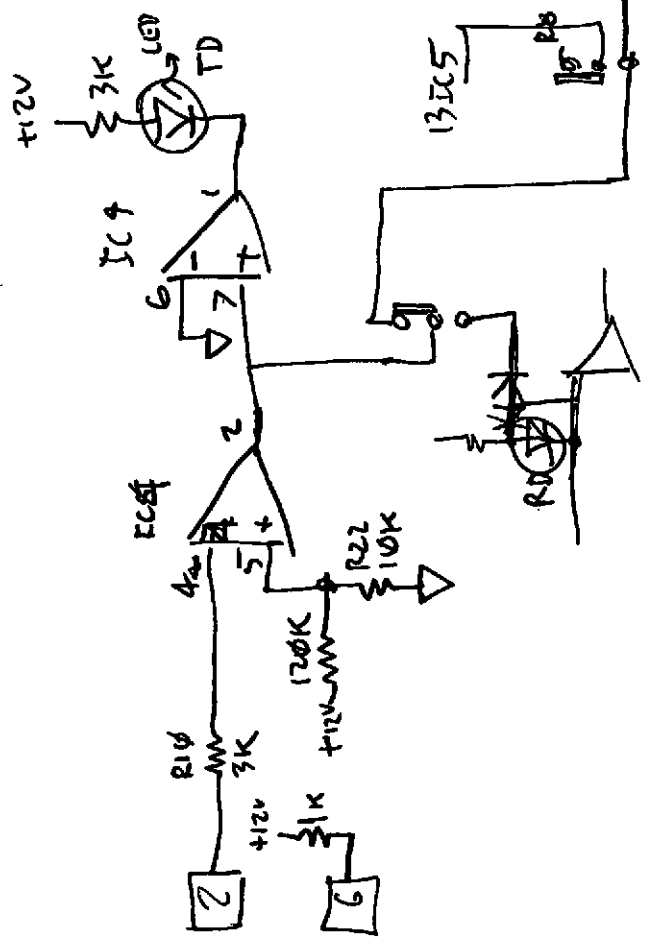
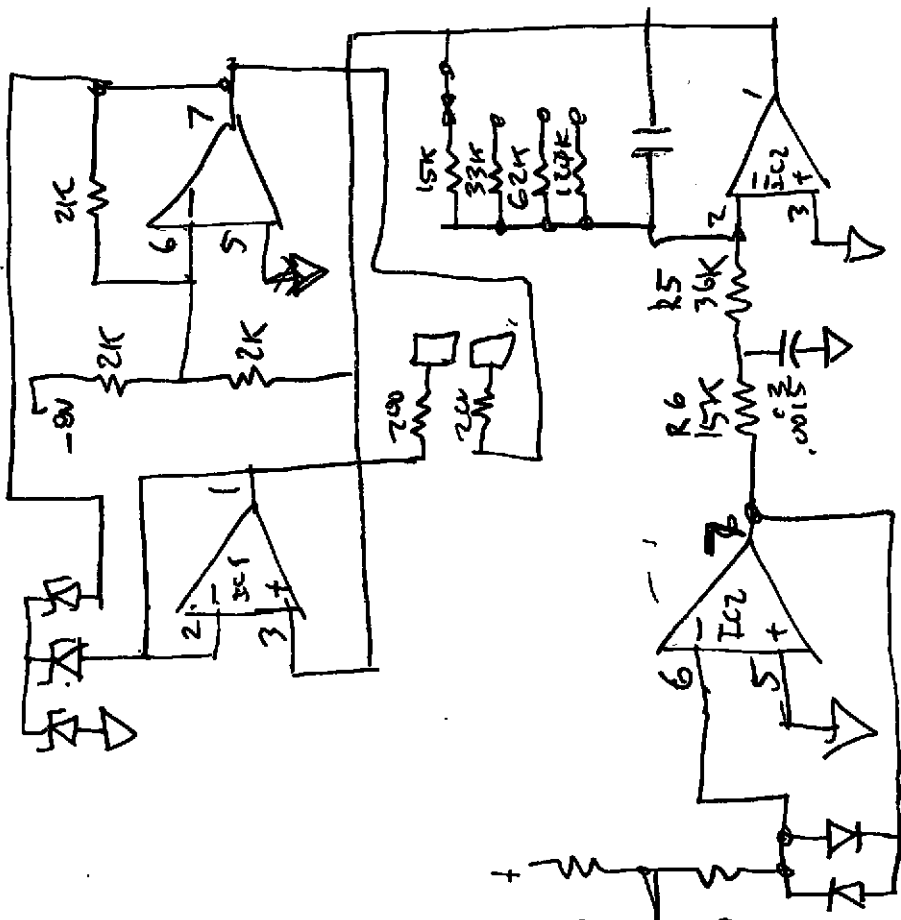
JC          LET          ;MUST BE A LET
CFI         NUMCN2      ;A STATEMENT RESERVED WORD
;SEE IF LHS MID$ CASE
;MULTIPLY BY 2

JNC        ISMID$
FLC
MOV        C,A
MVI        E,2
XCHG
LXI        H,STMDSP    ;STATEMENT DISPATCH TABLE
DAD        B          ;ADD ON OFFSET
MOV        C,M        ;PUSH THE ADDRESS TO GO TO ONTO
INX        H          ;THE STACK
MOV        I,M        ;PUSHM SAVES BYTES BUT NOT SPEED
PUSH      B
XCHG        ;RESTORE THE TEXT POINTER
; NEWST1 FALLS INTO CHRGET. THIS FETCHES THE FIRST CHAR AFTER
; THE STATEMENT TOKEN AND THE CHRGET'S "RET" DISPATCHES TO STATEMENT
PAGE
SLEBTL    CHRGT -- THE NEXT CHARACTER SCAN ROUTINE
CHRGETP:  INX          H          ;DUPLICATION OF CHRGET RST FOR SPEED
CHRGT2:   MOV        A,M        ;SEE CHRGET RST FOR EXPLANATION
CPI
RNC

;
; CHRCON IS THE CONTINUATION OF THE CHRGET RST
;
; IN EXTENDED, CHECK FOR INLINE CONSTANT AND IF ONE
; MOVE IT INTO THE FAC & SET VALTYP APPROPRIATELY
OCTCON    SET        11        ;EMBEDDED OCTAL CONSTANT
HEXCON    SET        12        ;EMBEDDED CONSTANT
PTRCON    SET        13        ;A LINE REFERENCE CONSTANT
LINCON    SET        14        ;A LINE NUMBER UNCONVERTED TO POINTER
IN2CON    SET        15        ;SINGLE BYTE (TWO BYTE WITH TOKEN) INTEGER
CONCN2    SET        16        ;TOKEN RETURNED SECOND TYPE CONSTANT IS SCANNED.
GNECCON   SET        17        ;FIRST OF 10 (2-9) INTEGER SPECIAL TOKENS
INTCON    SET        28        ;REGULAR 16 BIT TWO'S COMPLEMENT INT
SAGCON    SET        29        ;SINGLE PREC (4 BYTE) CONSTANT
COACON    SET        30        ;TOKEN RETURNED BY CHRGET AFTER CONSTANT SCANNED
DLECON    SET        31        ;DOUBLE PREC (8 BYTE) CONSTANT
CHRCON:   CPI
JZ         CHRGT2      ;GET ANOTHER CHARACTER
JNC        NCTLET      ;NOT SPECIAL TRY OTHER POSSIB.
ORA        A          ;NULL AT EOL?
RZ         ;YES, ALL DONE
CFI        OCTCON      ;IS IT INLINE CONSTANT
JC         NOTCON      ;NO, SHOULD BE TAB OR LF
CPI        CONCON      ;ARE WE TRYING TO RE-SCAN A CONSTANT?
JNZ        NTRSCC     ;NO.
LDA        CONSAV     ;GET THE SAVED CONSTANT TOKEN
ORA        A          ;SET NON-ZERO, NON CARRY CC'S
RET        ;ALL DONE

NTRSCC:   CPI        CONCN2 ;GOING TO SCAN PAST EMBEDDED CONSTANT?
JNZ        NTRSC2     ;NO, TRY OTHER CASES
CONCON:   LPLI        CONXT ;GET SAVED TEXT POINTER
JME        CHRGT2     ;AND SCAN THING AFTER CONSTANT
NTRSC2:   PUSH      ISW ;SAVE TOKEN TO RETURN
INX        I          ;POINT TO NUMBER

```



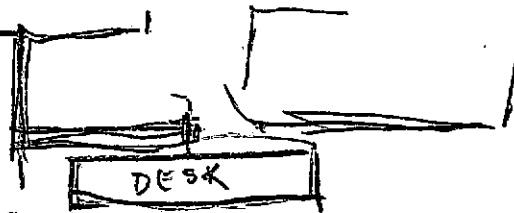
WEST BRANCH

SANDRA

DIRECTOR of BRANCH
THERE 'TILL 9 pm

KITCHEN

DATA
CIRCUIT



BOX

IS IN THE BACK ROOM
(KITCHEN) ABOVE THE ALARM
BOX. IT'S A SMALL
BEIGE BOX LABELED
"DATA CIRCUIT"

ENTR.

MAIN BRANCH

MRS. ALLEN

FLOOR SUPERVISOR
SHE WAS NOTIFIED of
US COMING BY: **HELLEN HARRIS**

CIRCULATION

EXIT

ENTR.

TERMINALS
+
CARD PILES

BOX

IS BY THE CIRCULATION DESK
@ THE END of LONG BOOKCASE

Community Memory Project

ADMINISTRATION 10-5
684 6095

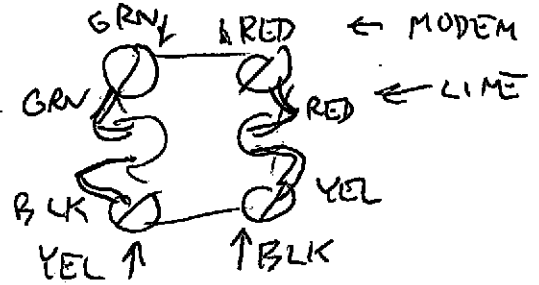
614602

MAIN
LIBRARY

LOOPBACK TEST:

13 JULY 89 BLK - YELLOW REVERSED. DIRECT WIRE CONNECTION.

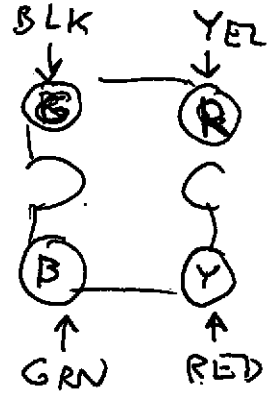
9600 BAUD TESTS OK.



617295

SOUTH
LIBRARY

7/20/89 INSTALLED USING SELF-
POWERED MODEM



Community Memory Project

614603

WEST
LIBRARY

4/14/90 - OPEN PAIR - FIXED BY TELCO.

Community Memory Project

614604

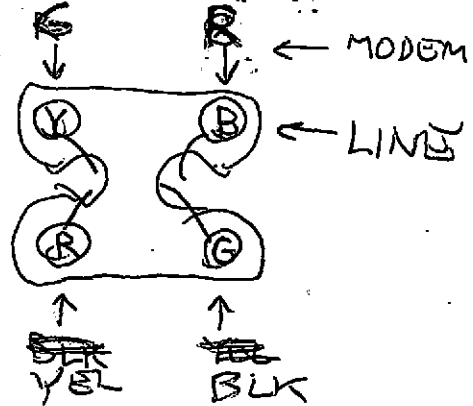
CLAREMONT
LIBRARY
BRANCH

7-13-89 LINE CHECK.

RED/GRN REVERSED.
X-R REVERSED

YELLOW INSULATION IS SPLIT - SHOULD BE SLEEVED BEFORE
STARTING OPERATION

MODEM WORKS @
2400 BAUD
W/EQUALIZATION SET
FOR 9600 BAUD



7/17/89 TERMINAL INSTALLED

Community Memory Project

POL.	DES.	COLOR
-	TX-A	RED
+	TX-B	GRN
-	RX-A	YEL
+	RX-B	BLK

Community Memory Project

MAIN LIBRARY

- NEEDS:
- LONGER SCREW TO ADJUST TOP
BASE HINGE
 - LONGER JACKSCREWS OR JACKNUTS ON
MODEM
 - COLOR KEY CHART ON FRONT
 - ~~- COLORED DOTS ON KEYS~~

Community Memory Project

VILLAGE



DESIGN

A CALIFORNIA NON-PROFIT CORPORATION
Box 996, Berkeley, California, 94701

FE - t 31 -
fe - p Bernd = 1200

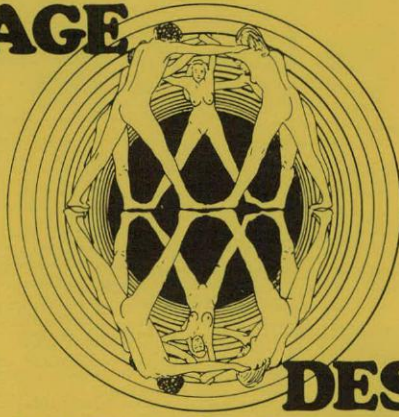
VILLAGE



DESIGN

A CALIFORNIA NON-PROFIT CORPORATION
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VILLAGE



DESIGN

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