SAN FRANCISCO PUBLIC LIBRARY

MEMO TO: G. Hooper; K. Scannell
cc: J. Reilly
FROM: T. Williams

DATE: 3 August 1983

SUBJECT: Marina Branch circulation desk

Please find attached my concept of a new circulation desk for Marina Branch. I hope it may prove of some use.

I formed my concept around ready-made charge desk components because I assumed such would be the architect's choice for reasons of convenience - not only as regards obtainability but also as regards arrangement, whether within the context of Branch layout or within the organization of the desk itself - and of price - components range from an advertised low of $2809.31 from Highsmith Co. to an advertised high of $4860.00 from Demco.

Components illustrated correspond to those from Highsmith Co. whose lowest advertised price might most likely translate to a winning bid. It is only because of this that the shelf unit illustrated features the five catalog drawers rather than the one or two wider drawers which would probably be more desirable; however, a note in their current catalog (#25, p. 191) hints of other units not shown there. The book truck unit, on the other hand, has been incorporated into the concept because it is so logical and benefial a part of any charge desk: it frees staff from needless handling of returned materials and, when circulating via CLSI, provides a repository for items not yet discharged that serves to prevent confusion and boost efficiency at the CRT. Not featured in any catalog are components with drilled holes for CLSI equipment cables and ventilation. Holes are recommended drilled in the desk top (three total; one each near scanner and two CRTs) and through all inner sidewalls (three total; one between each pair of adjoining units). Such could easily be added post-delivery.

Official CLSI equipment requirements are also attached.

For further information regarding this desk concept, please contact me; I am happy to assist. For further information regarding CLSI equipment specifications, inquiries are best addressed to Jim Reilly in the office of the Chief of Main.

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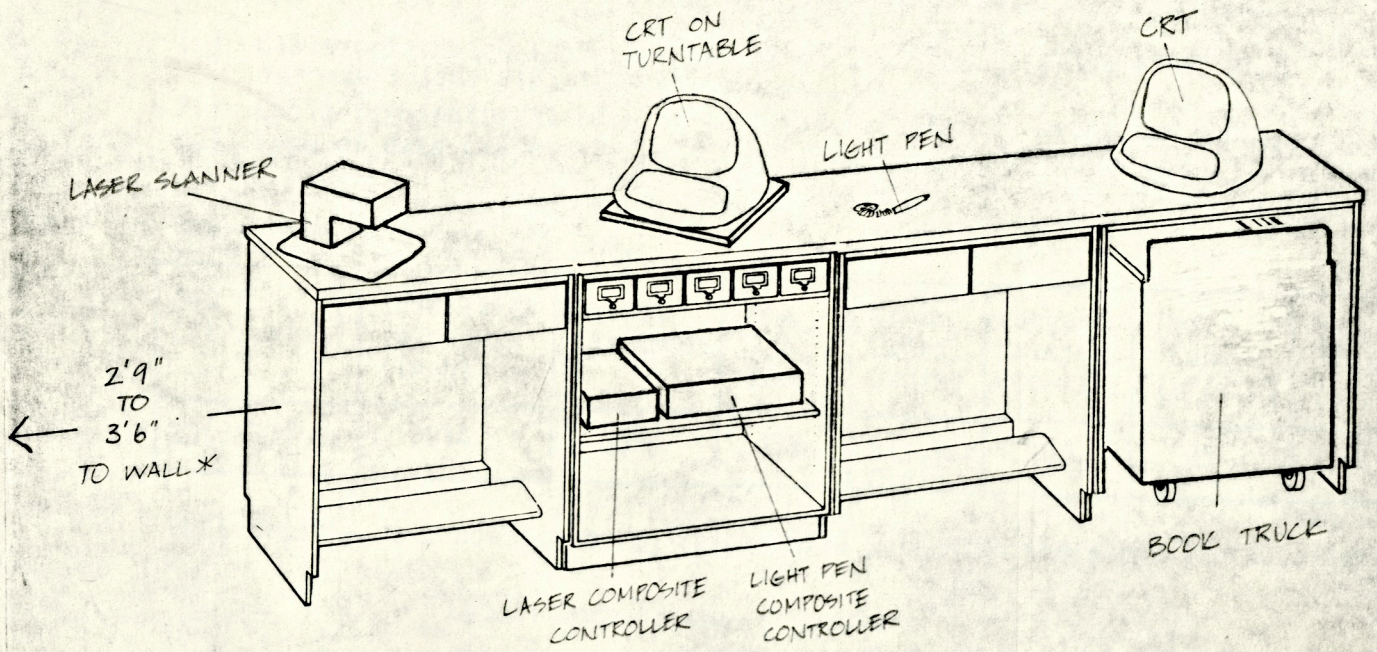
MEMO TO: G. HOOPER; K. SCANNEL
CC: J. REILLY
FROM: T. WILLIAMS

DATE: 8·3·83

SUBJECT: MARINA BRANCH CIRC. DESK DESIGN



* 2'9" UTILIZING HIGHSMITH CO. UNITS
3'6" UTILIZING GAYLORD CO. OR DEMCO CO. UNITS

CLSI TERMINALS

Area required:

1.) Keyboard/Display (CRT) Terminal
21" X 21" Surface Area
2.) Light Pen Terminal 21" X 21" plus work surface for handling books, etc.

Power Required:

1.) 117 X 20 AMP 3 wire power line dedicated to CLSI terminals. Four (4) terminals may be connected to a dedicated line.
2.) Standard 3 wire *female recepticles within 5' (five feet) of terminal
*supplied and installed by customer

Data Cable (for local terminals _ 700' from LIBS 100)

1.) Cable originates from rear center of LIBS 100. (allow 4' of wire for use inside LIBS 100 cabinet).
2.) Cable terminates at rear of terminal. (allow 2' extra for hookup).
3.) Type of data cable:

THREE CONDUCTOR SHIELDED CABLE

AWG & (Stranding)	Insulation Thickness (Inch)	Jacket Thickness	Nom. O.D. (Inch)	Cond. Color Coding	Percent Shield Coverage	Nom. *Cap. (pF/ft.)	Nom. **Cap. (pF/ft.)
22(7X30)	.014	.025	.175	Blk,Red Clear	100	23	41

CLSI tests were conducted using Belden 8771 wire with the above characteristics.

*Capacitance between conductors
**Capacitance between 1 conductor and other conductors to shield

4.) One (3 conductors) shielded cable is required per terminal.

Remote Terminals

1.) A dedicated phone line capable of a 300 baud transmission rate is required for each remote terminal. Customer is responsible for renting and co-odinating installation of the phone lines from the phone company. (The phone company refers to the dedicated phone line as a series 3002 Half Duplex channel. One 3002 channel is required per terminal.)
2.) CLSI requires the phone lines be attached to a terminal strip-not more than 7 feet from the LIBS 100 system.
3.) CLSI provides and installs the connectors for the end of the data cables that attaches to the LIBS 100 system.