BOOK DETECTION SYSTEM

DOCUMENT NUMBER: 11000

APPLICATION: MIDDLE AND HIGH SCHOOL

DATE OF ISSUE:
12-07-05 - Changed system type and manufacturer
01-14-05 - Deleted turnstile
10-17-02 - clarified entrance gate, mat and bookcheck unit requirements
01-29-02 - Revised 3M Representative name and telephone number
01-17-02 - revised railing
06-12-00 - changed model number to include buried cable
02-28-00 - added locking turnstile
10-05-99 - added notes below re: gate
07-01-99 - revised notes below re: railings
10-14-97 - revised note below and drawing note re: configuration of railing
08-06-97 - revised name of representative
3-18-97 - revised model number, added layout drawing, revised notes belos
12-03-96 - revised model number
02-15-95 - deleted cut sheet and revised notes below.
07-06-94 - revised model number and added note below.
04-28-93 - first issued

NOTES:
Provide a book detection system where required by the Ed Spec., to include antenna tranceivers, control module and associated railings, conduit(s) and power. (Tags, tabs and/or cards to be placed in or on books will be furnished and installed by Owner.)

The system shall be a radio frequency book theft detection system manufactured by Checkpoint Systems, Inc., with two (2) transceiver antenna units. Antennae shall be either the Strata EX model (clear finished wood), or the Liberty PX model (plastic), compatible with frequency tags, date due check cards and/or date due mini tabs.

Tranceiver antennae shall be located inside the pair of doors serving as the main entrance to the Reading Room. Provide 30” clearance between the antennae and the door frame to facilitate the placement of railings that serve as a barrier against circumventing the RF detection field. Railing posts are to be embedded in epoxy in core-drilled holes in the slab.

Coordinate exact locations of conduits, junction boxes, electrical receptacles, transceiver antenna units and control module with Mr. Chris Gabriel, Checkpoint Systems’ Library Account Manager, at (800) 257-5540, ext. 3676.

ATTACHMENTS:
Book Detection System Layout, dated 12-07-05
CHROME RAIL TYPE "A" BY CHECKPOINT

TRANSCEIVER ANTENNA UNIT

3/4" EMPTY CONDUIT IN SLAB TO WALL-MOUNTED RECEESD J-BOX IN TECH PROCESSING ROOM FOR CONNECTION OF ANTENNA WIRING TO LOW VOLTAGE TRANSFORMER. LIMIT DISTANCE TO 30'.

3/4" CONDUIT IN SLAB BETWEEN EACH ANTENNA UNIT. TRIM CONDUIT FLUSH WITH SLAB AND PROVIDE PULL STRING.

READING ROOM

TECH PROCESSING ROOM

LOW VOLTAGE TRANSFORMER BY CHECKPOINT. PROVIDE 110v DUPLEX RECEPTACLE. LOCATE BELOW COUNTERTOP.

BOOK DETECTION SYSTEM LAYOUT
NOT TO SCALE 12-07-05

Book Detection System