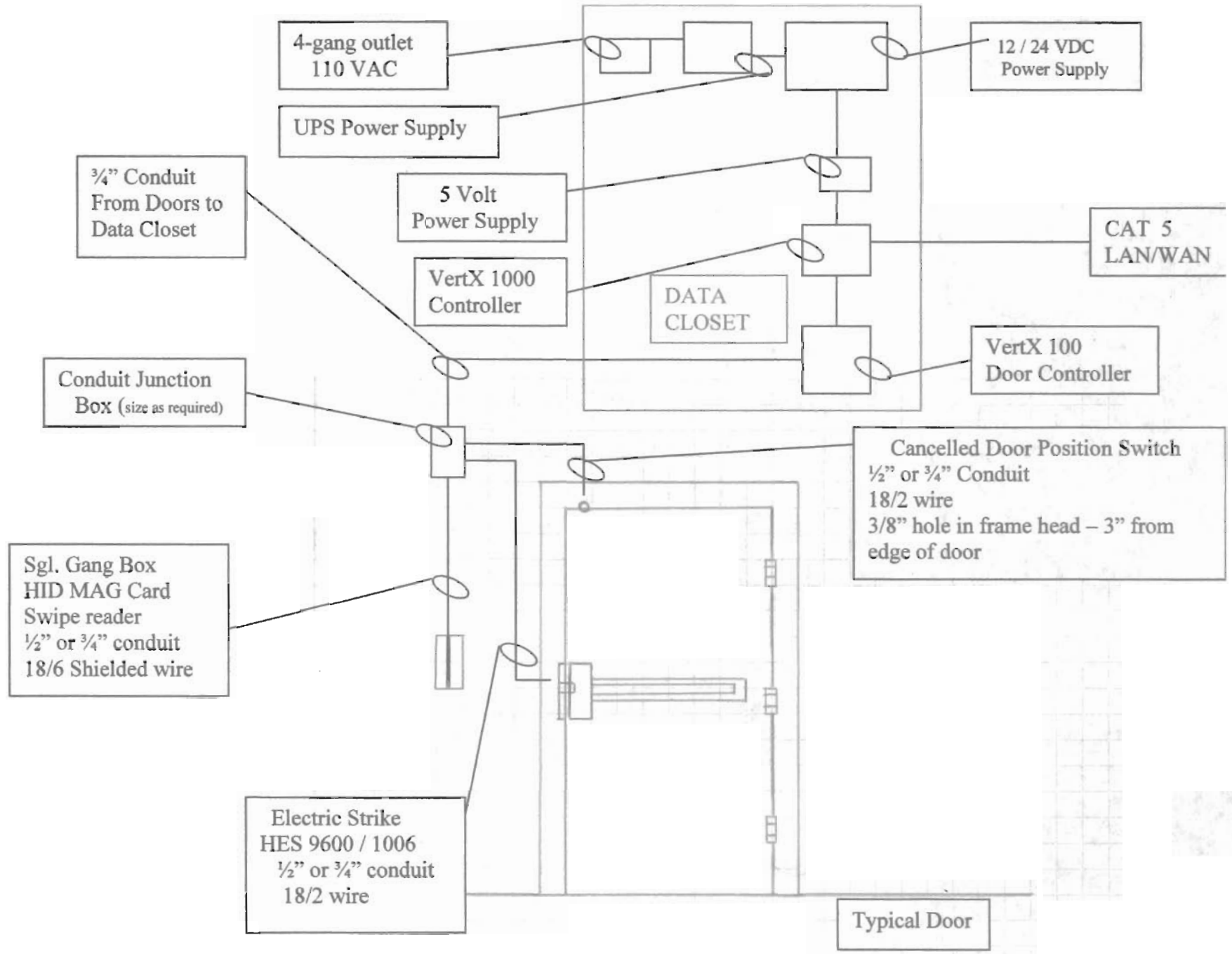
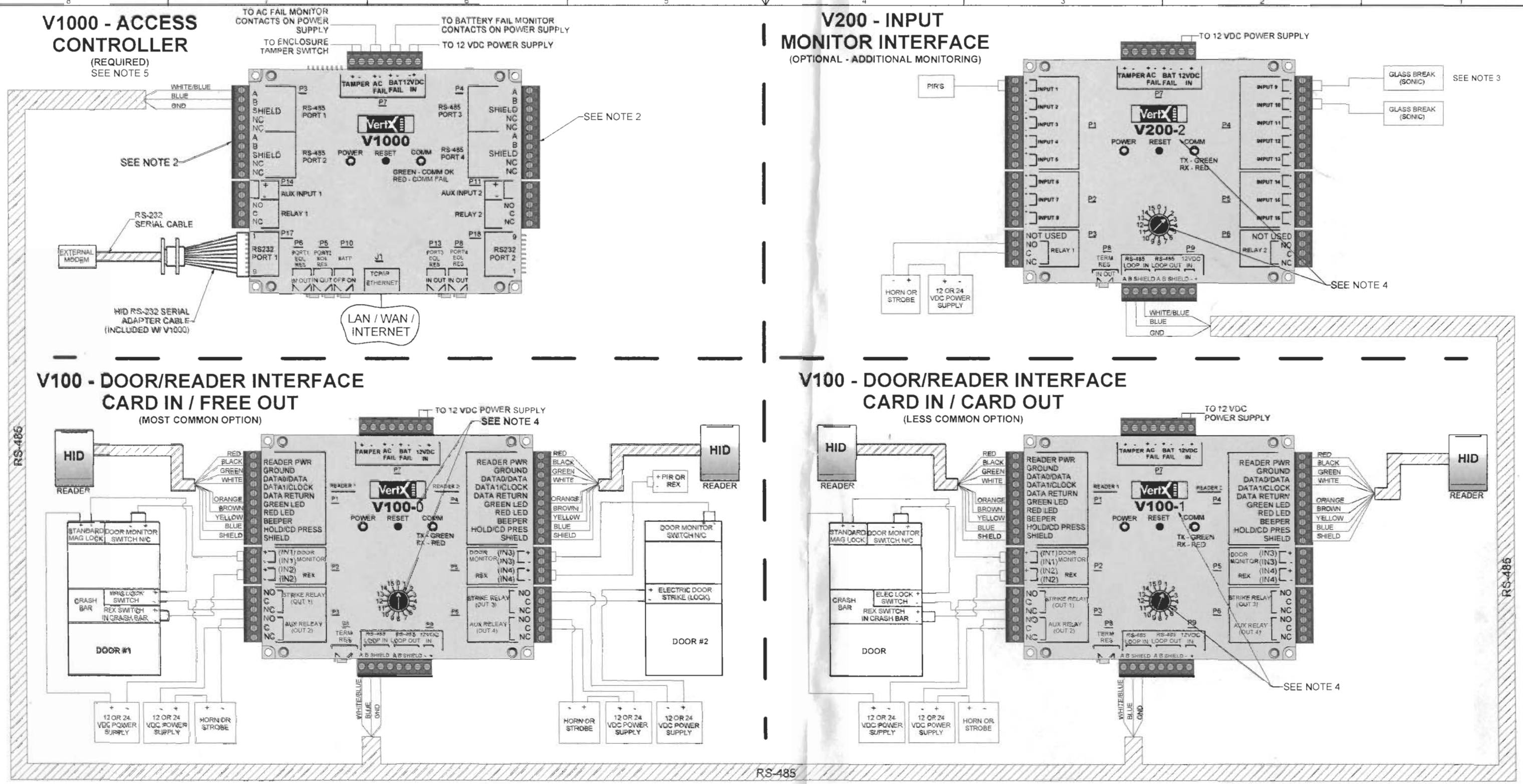

4-gang outlet
110 VAC
12 / 24 VDC
Power Supply
UPS Power Supply
¾" Conduit
From Doors to
Data Closet
5 Volt
Power Supply
CAT 5
LAN/WAN
VertX 1000
Controller
DATA
CLOSET
VertX 100
Door Controller
Conduit Junction
Box (size as required)
Cancelled Door Position Switch
½" or ¾" Conduit
18/2 wire
3/8" hole in frame head – 3" from
edge of door
Sgl. Gang Box
HID MAG Card
Swipe reader
½" or ¾" conduit
18/6 Shielded wire
Electric Strike
HES 9600 / 1006
½" or ¾" conduit
18/2 wire
Typical Door



NOTES, UNLESS OTHERWISE SPECIFIED:

1. THIS VERTX INSTALLATION WIRING DIAGRAM IS INTENDED AS AN EXAMPLE ONLY, AND SHOULD NOT BE INTERPRETED AS AN HID CORPORATION RECOMMENDATION.
2. THE V1000 PHYSICAL RS-485 PORT 1 AND 2 RESIDE ON LOGICAL BUS 1 (P3), WHILE PORT 3 AND 4 RESIDE ON RS-485 LOGICAL BUS 2 (P4).
3. THE DEFAULT SETTINGS FOR ALL VERTX INPUT DEVICES ARE NORMALLY OPEN (N/O), EXCEPT DOOR MONITOR INPUT WHICH IS NORMALLY CLOSED (N/C).
4. THIS NUMBER INDICATES THE INTERFACE ADDRESS OF THE VertX UNIT. (DASH NUMBER NOT PRINTED ON ACTUAL COVER). DO NOT DUPLICATE ADDRESSES ON THE SAME BUS.
5. SUPPORTS UP TO (ANY COMBINATION OF) 32 INTERFACE PANELS. SEE THE QUICK INSTALL GUIDE FOR DETAILS.

REVISION HISTORY			
REV	ECO #	DESCRIPTION	DATE
1	-	INITIAL RELEASE	6/3/2005

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION. IT MAY NOT BE DISCLOSED TO OTHERS OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM HID CORPORATION

FIND NO	CAGE NO	QTY REQD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION

EXCEPT AS NOTED DIMENSIONS ARE IN INCHES PER ANSI Y14.5M
XX +/- .01 XXX +/- .005 ANGLES +/- 1

MATERIAL

FINISH

DO NOT SCALE DRAWING

APPROVALS	DATE
DWN	
DSGN	
CHK	
APVD	
APVD	

HID IRVINE, CALIFORNIA

DWG TITLE
VertX INSTALL WIRING DIAGRAM EXAMPLE

SIZE	CAGE CODE	DWG NO	REV
B		6080-905	2

SCALE: N/A SHEET: 1 of 1