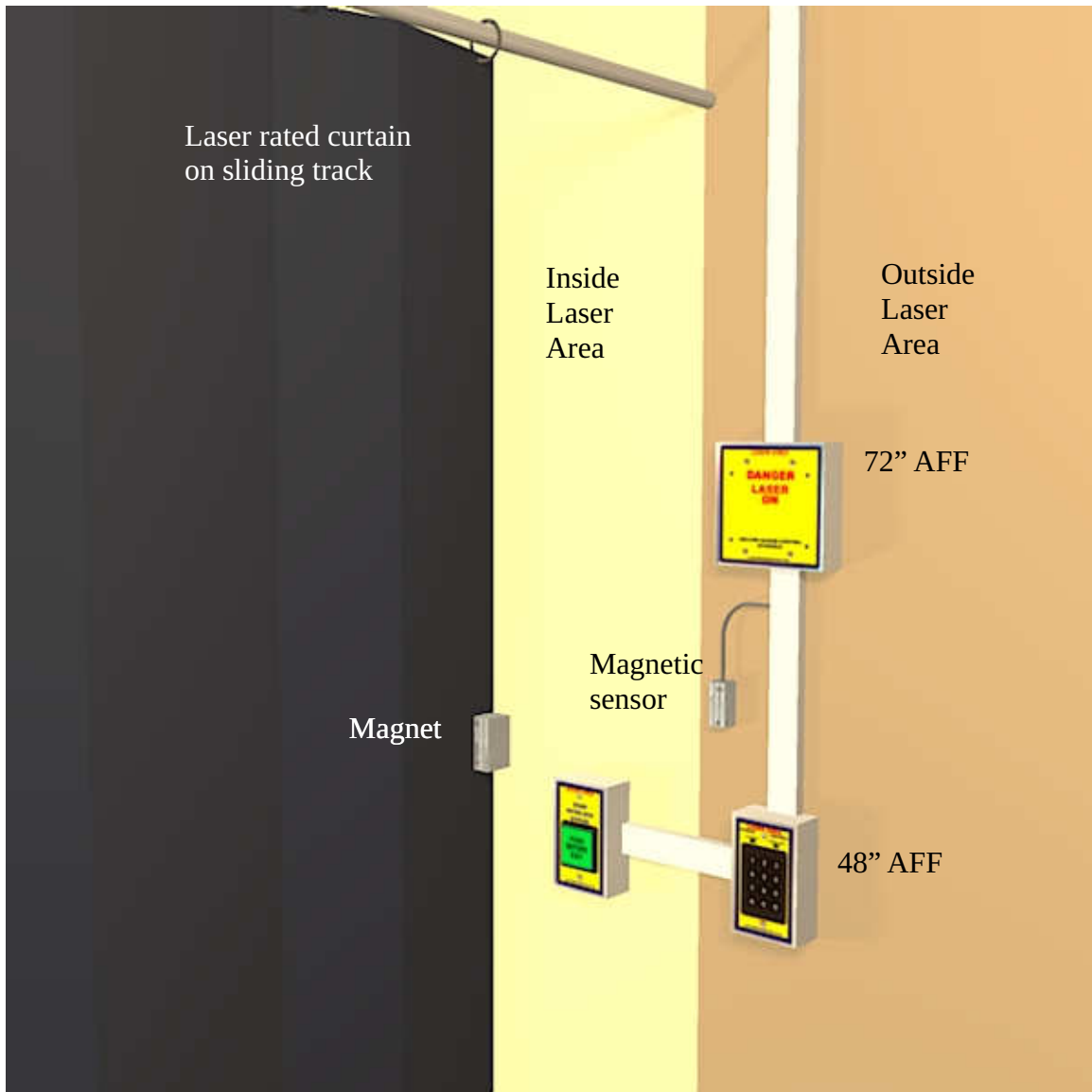
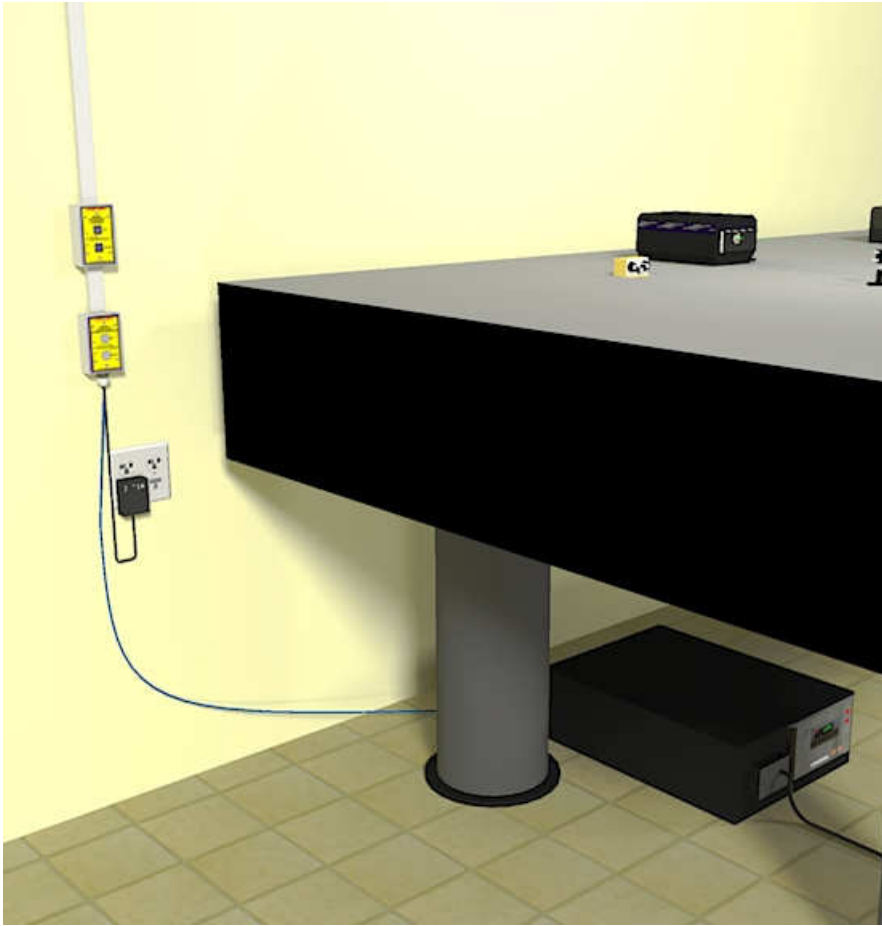


## Using the LSS-2388 kit for a Laser Curtain Interlock

When small curtained enclosures need a defeatable laser interlock for entry and exit, we often recommend the layout shown below. In this layout, we utilize the messaging display of the main controller as a laser warning just outside the laser area. The entryway keypad and push-to-exit button are pre-terminated to a length specified by the client. In the case shown below, the cable for the push-to-exit button would be 36" and the keypad cable is 24".



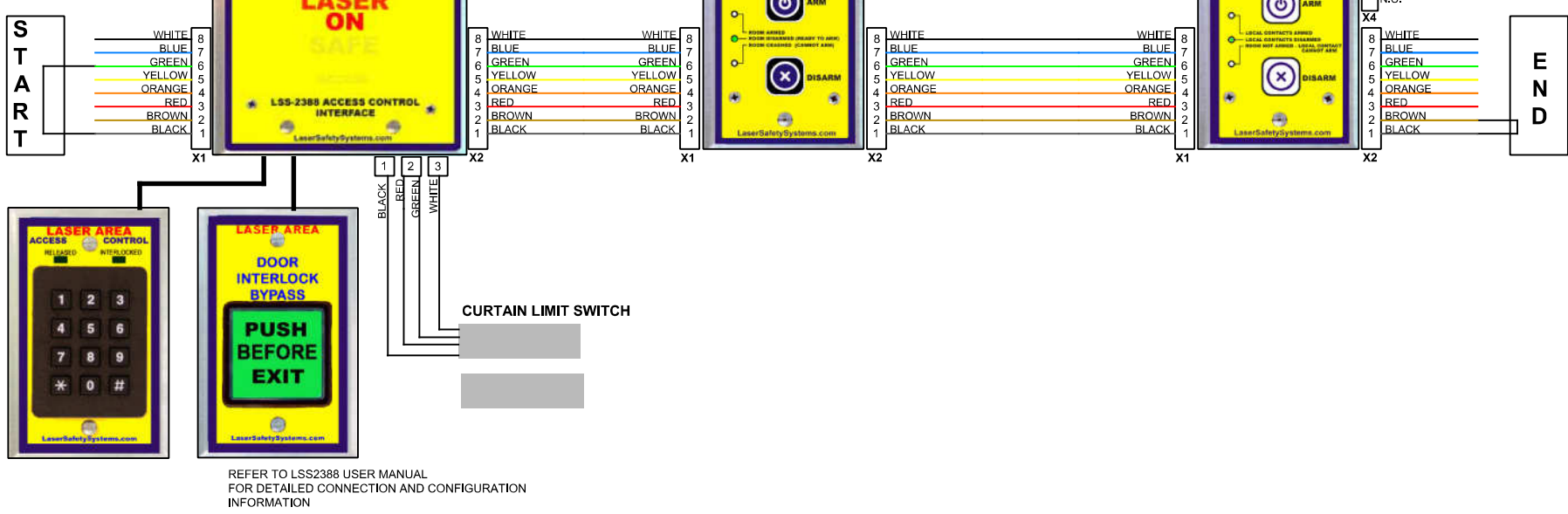


In a small lab space, the system would be completed with the addition of the LSS-2381 Room Interlock Control module, at least one LSS-2384 Laser/Shutter Relay module and UL-24 power supply as shown.

All modules shown in this example are mounted in Hellermann-Tyton surface mount boxes and joined with surface track. Laser Safety Systems can provide this product, or your facility can choose another mounting method.

The schematic shown below is a complete representation of the electrical connections of this layout.

8 7 6 5 4 3 2 1



**Note: Modules can be placed in any order desired as long as the start and end are terminated. The schematic layout shown above is only a suggestion. X1 and X2 connections are interchangeable. There is no directional significance to wire entry/exit.**

DRAWN <b>HANSKNECHT</b>	DATE <b>11-11-2022</b>	<b>LASER SAFETY SYSTEMS</b> 3017 ROAST DUCK LANE JOHNS ISLAND, SOUTH CAROLINA 29455 USA	
ENGINEER <b>JOHN HANSKNECHT</b>	CONTACT: 757-229-6109 john@lasersafetysystems.com	TITLE <b>SMALL CURTAINED LASER ROOM          LASER INTERLOCK          CONTROL WIRING SCHEMATIC</b>	
REQUESTING PARTY	SIZE <b>A</b>	CAD I.D. NO. DRAWING NO. <b>111122.dwg</b>	REV. <b>1</b>
SCALE <b>NONE</b>	SHOWN ON <b>-</b>	SHEET <b>1</b>	OF <b>1</b>

8 7 6 5 4 3 2 1