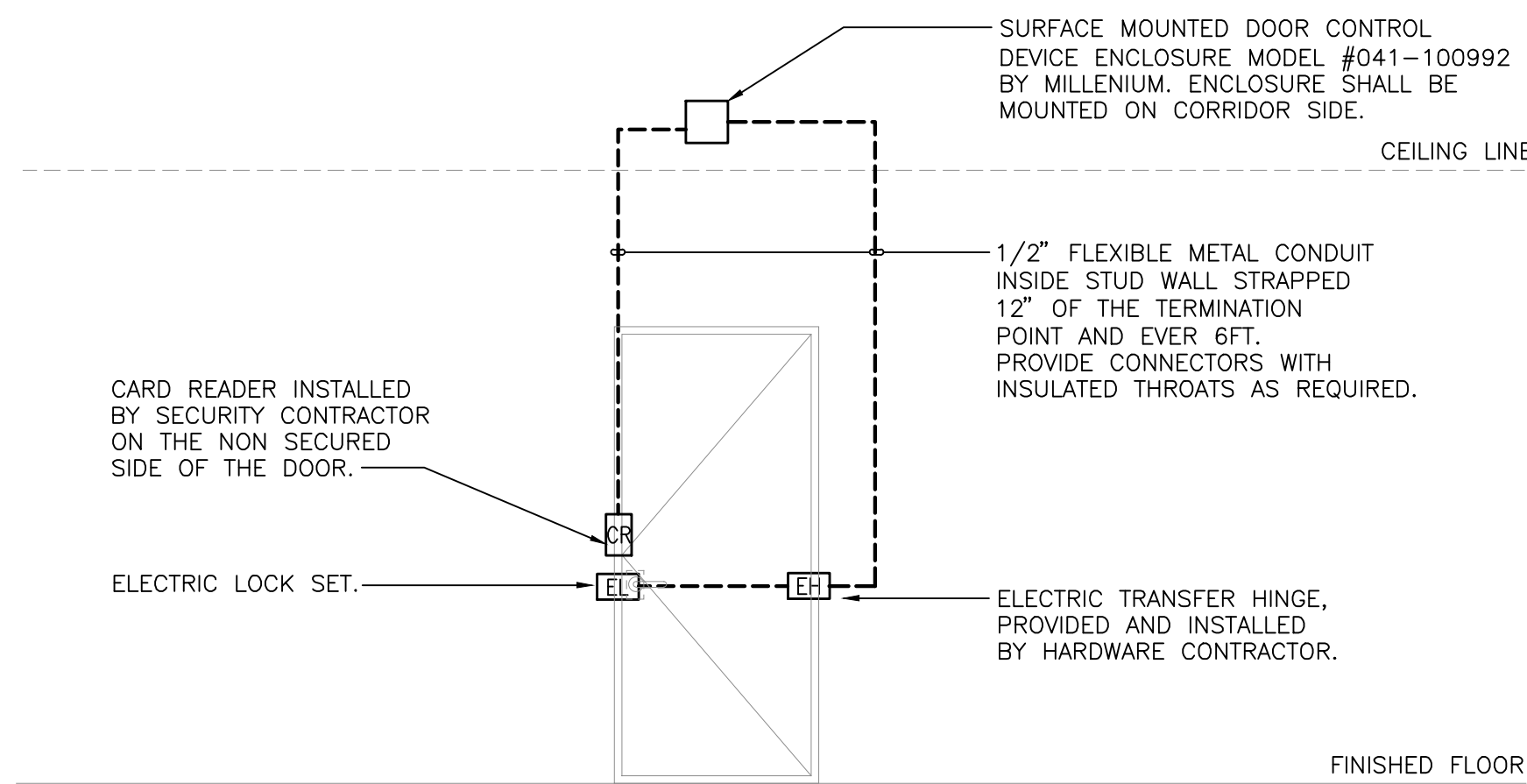
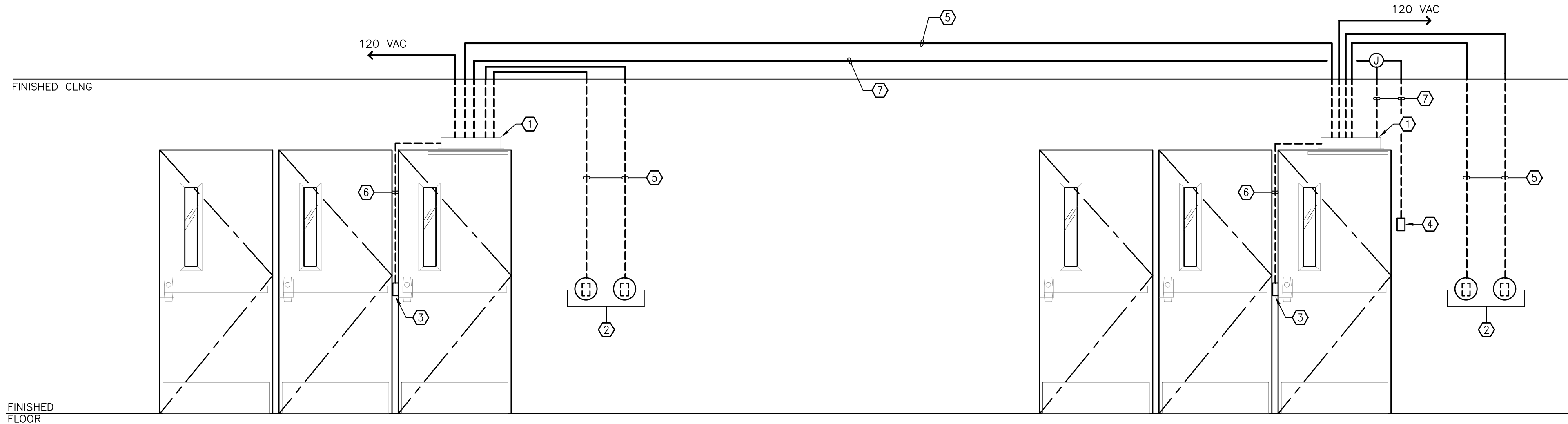


**LIGHTING CONTROLS SCHEMATIC DIAGRAM FOR VESTIBULES AND BUILDING EXTERIOR**  
SCALE: NONE



**TYPICAL SINGLE DOOR SECURITY ROUGHING DIAGRAM**  
SCALE: NONE

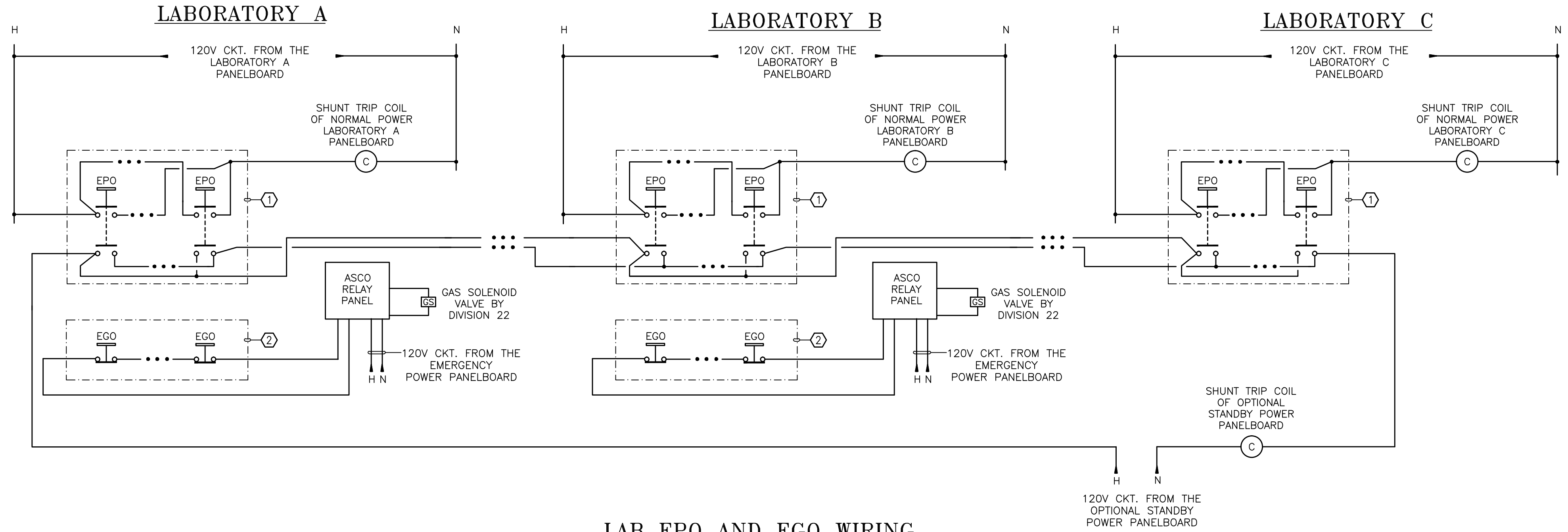
1. FIELD COORDINATE EQUIPMENT FINAL LAYOUT.



**EXTERIOR DOOR SECURITY SCHEMATIC DIAGRAM**

**KEY NOTES:**

- ① INSTALL AUTOMATIC OPERATOR, SUPPLIED BY GC.
- ② PROVIDE WALL RECESSED TWO GANG BOX WITH SINGLE GANG REDUCER PLATE FOR EACH WALL ACTUATOR. INSTALL WALL ACTUATORS SUPPLIED BY GC. REFER TO FLOOR PLANS FOR LOCATIONS.
- ③ ELECTRIC STRIKE PROVIDED BY GC.
- ④ INSTALL KEY SWITCH ON THE DOOR FRAME. FIELD COORDINATE MOUNTING HEIGHT. KEY SWITCH SUPPLIED BY GC.
- ⑤ 2#16AWG IN 3/4" C.
- ⑥ 4#16AWG IN 1/2" FLEXIBLE METAL CONDUIT THROUGH DOOR FRAME.
- ⑦ 6#16AWG IN 3/4" C.

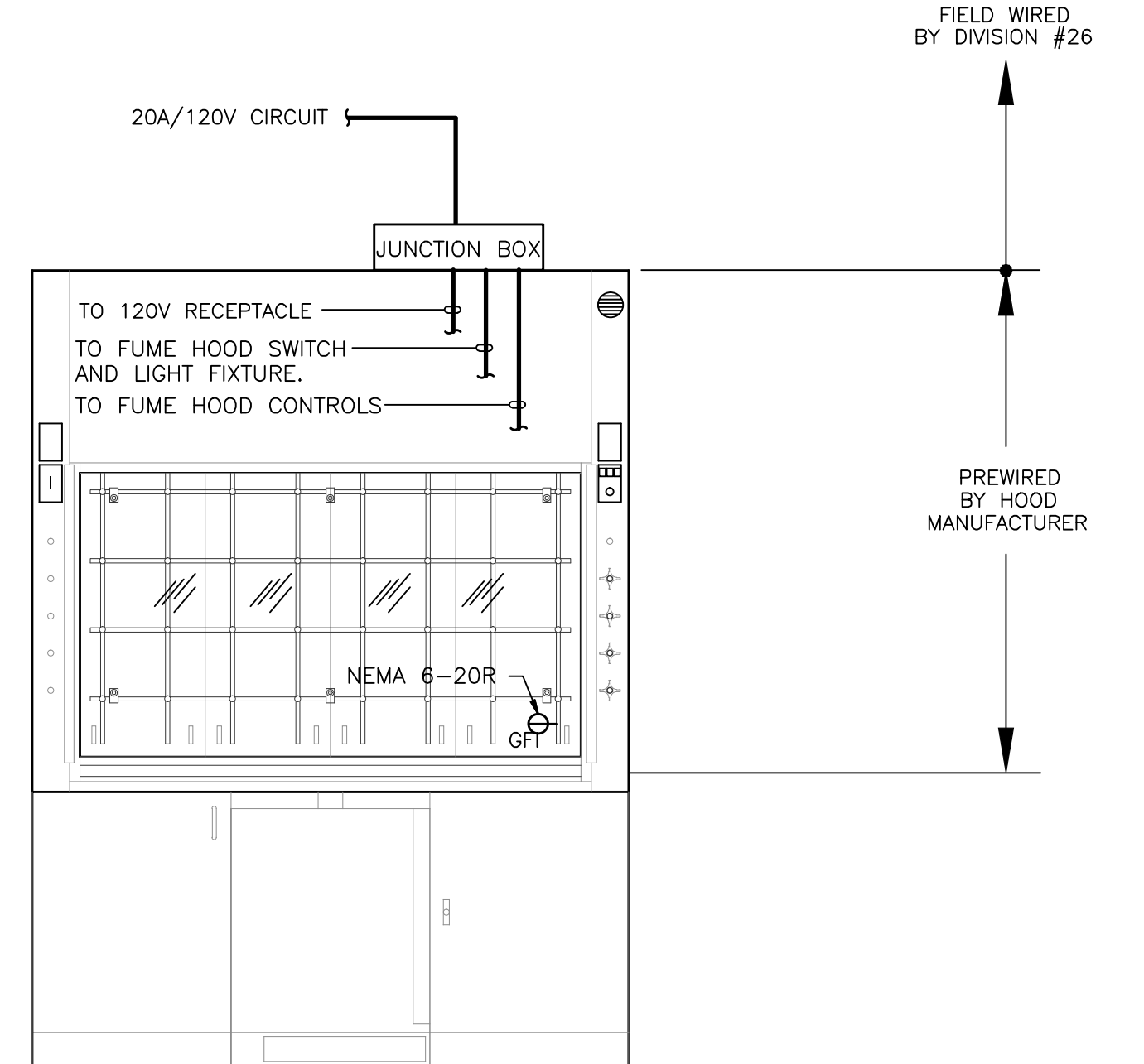


**NOTES:**

1. EPO PUSHBUTTONS SHALL BE SAFETY TECHNOLOGY INTERNATIONAL NO. SS-2324PO WITH SHIELD OR APPROVED EQUAL. TOP MESSAGE SHALL BE "EMERGENCY POWER OFF."
2. EGO PUSHBUTTONS SHALL BE SAFETY TECHNOLOGY INTERNATIONAL NO. SS-2321 CUSTOM MESSAGE WITH SHIELD OR APPROVED EQUAL. TOP MESSAGE SHALL BE "EMERGENCY GAS OFF."
3. ASCO RELAY PANEL SHALL BE MODEL NO. 108D90C TO CONTROL 24V DC SOLENOID VALVES. PROVIDE ALL REQUIRED WIRING AND COORDINATE COMPONENTS WITH DIVISION 22.

**KEY NOTES:**

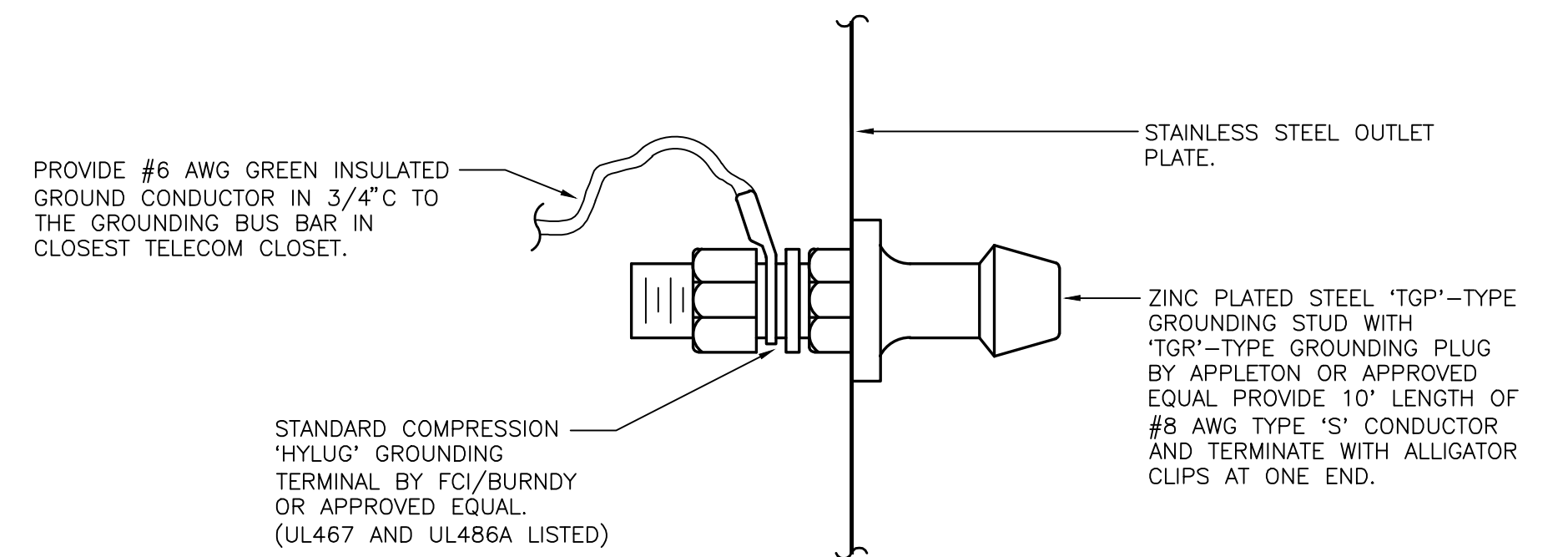
- ① REFER TO FLOOR PLANS FOR NUMBER OF EPO PUSHBUTTONS PER EACH LAB.
- ② REFER TO FLOOR PLANS FOR NUMBER OF EGO PUSHBUTTONS PER EACH LAB.



**TYPICAL HOOD WIRING DIAGRAM**  
NOT TO SCALE

**NOTES:**

1. REFER TO FLOOR PLANS FOR CIRCUIT NUMBERS.
2. VERIFY WITH ARCHITECT AND VENDOR. ADDITIONAL INFORMATION AND EXACT LOCATION OF DEVICES AND POWER CONNECTION.



**GROUNDING STUD DETAIL FOR OUTLET BOX**  
NOT TO SCALE



OWNER:  
Ramapo College of New Jersey  
505 Ramapo Valley Road  
Mahwah, New Jersey 07430-1630

CONSTRUCTION MANAGERS:  
Cambridge Construction Management  
335 East Main Street  
Somerville, NJ 08876  
908-253-9500

ARCHITECT:  
Mitchell/Giurgola Architects, LLP  
630 Ninth Avenue, Suite 711  
New York, New York 10036  
212 663 4000

MEP ENGINEER:  
Joseph R. Loring & Associates, Inc.  
21 Pennsylvania Plaza  
New York, NY 10001  
212 563 7400

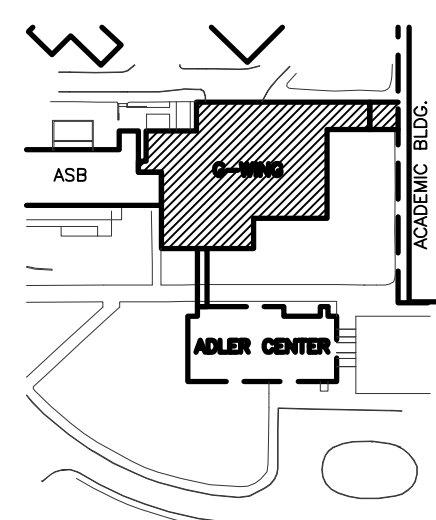
STRUCTURAL ENGINEER:  
Yarael A. Seiniuk PC  
228 East 45th Street 2nd Floor  
New York, NY 10017  
212 687 2233

LANDSCAPE ARCHITECT:  
Dirtworks, PC  
200 Park Avenue South  
New York, NY 10003  
212 529 2263

SITE CIVIL ENGINEER:  
Langan Engineering  
619 River Drive Center 1  
Elmwood Park, NJ 07407-1338  
201 794 6900

AV CONSULTANT:  
Cerami & Associates  
404 Fifth Avenue  
New York, NY 10018  
212 370 1776

Key Plan:



6/8/12	DCA FILING
7/19/12	ISSUED FOR BID
10/4/12	BID ADDENDUM #4
1/15/13	ISSUED FOR CONSTRUCTION
1/6/15	BULLETIN #28
8/12/16	AS-BUILT CONSTRUCTION DOCUMENTS

NR	DATE	COMMENTS
1	6/8/12	ISSUE/REVISION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

Project:  
**G-WING RENOVATION & ADLER CENTER**

Submission:  
**CONSTRUCTION DOCUMENTS**

Drawing Title:  
**ELECTRICAL DETAILS SHEET No.3**

PROJECT NR: 102700	DATE: 6/8/12
RCNJ PROJ. NR: 08-240C	SCALE: NONE

**E6.04G**