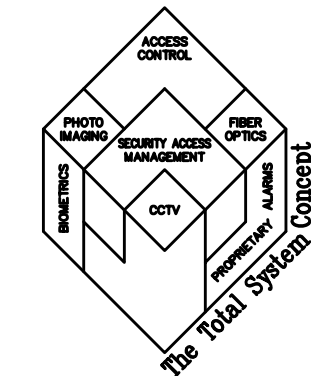


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| ABBREVIATIONS | | SECURITY CONVENTIONS | | DRAWING CONVENTIONS | | SECURITY GENERAL NOTES | | SHEET INDEX | | ISSUE LOG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | SOME OF THESE SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT: | | <p>ELECTRICAL SHEET NOTE E-1</p> <p>SECURITY SHEET NOTE S-1</p> <p>DOOR NUMBER 001</p> <p>DETAIL REFERENCE SEC.1.1</p> <p>ELEVATION REFERENCE SEC.1.1</p> <p>SECURITY DEVICE REFERENCE CRO01</p> <p>SECURITY DEVICE ID REFERENCE CRO01</p> <p>CR = CARD READER A = ALARM INPUT R = RELAY OUTPUT IC = INTERCOM STATION K = CCTV CAMERA</p> | | <ol style="list-style-type: none"> REFER TO WRITTEN SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECS, AND INSTALLATION REQUIREMENTS. DRAWINGS INDICATE APPROXIMATE LOCATIONS OF CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND COORDINATE EXACT LOCATIONS WITH LIGHT FIXTURES AND OTHER DEVICES. MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE. MOUNTING HEIGHTS SHALL BE AS SHOWN ON THE SYMBOLS LIST UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES AND BEAR THEIR LABEL, UON. REPORT TO THE ENGINEER ANY OBSERVATIONS OF CONDITIONS WHICH ARE DISCOVERED IN THE BUILDING WHICH WOULD PREVENT THE CORRECT INSTALLATION OF THE DESIGNED SYSTEM. CONDUIT ROUTING (WHERE SHOWN) IS ESSENTIALLY DIAGRAMMATIC. SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF WALL MOUNTED DEVICES. DRAWINGS INDICATE APPROXIMATE LOCATIONS ONLY. PROVIDE NECESSARY EQUIPMENT AND/OR ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT. PROVIDE REQUIRED CONDUIT, BACKBOXES, JUNCTION BOXES, AND SECURITY EQUIPMENT ENCLOSURES, WHETHER ON DRAWINGS OR NOT, UON. MAINTAIN A COPY OF THE SPECIFICATIONS ACCOMPANYING DRAWINGS ON THE JOB SITE AT ALL TIMES FOR REFERENCE. BE ABLE TO PRESENT THE SPECIFICATIONS UPON REQUEST. REFERENCE OTHER TRADE'S DRAWINGS AND SPECIFICATIONS (E.G., TELECOM) FOR ADDITIONAL INFORMATION AND REQUIREMENTS. PROVIDE PLASTIC BUSHINGS ON EXPOSED ENDS OF CONDUIT AND SLEEVES. PROVIDE APPROPRIATE NYLON PULL ROPE IN CONDUITS. PROVIDE CONDUIT PLUGS IN ALL OSP SECURITY CONDUITS ACCORDING TO THE CABLE USE AND USE BLANK PLUGS FOR UNUSED CONDUITS. MOUNT EQUIPMENT OR DEVICES, SUCH AS RUNWAY, CONDUITS, J-HANGER, AND PULL BOXES ACCORDING TO STATE AND LOCAL CODES FOR SEISMIC BRACING. LABEL SECURITY CABLES ACCORDING TO SPECIFICATIONS. PROVIDE LABELS AT BOTH ENDS. VERIFY FORMAT AND INFORMATION FIELDS WITH AND RECEIVE APPROVAL FROM OWNER PRIOR TO LABELING. LABEL ALL SECURITY CONDUITS AT EACH END OF THE CONDUIT IDENTIFYING THE DESTINATION AND USE AS "SECURITY". REFER TO ELECTRICAL SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO ELECTRICAL SYSTEMS DRAWINGS FOR SECURITY CONDUIT LAYOUT. REFER TO SECTION 08700 FOR EXIT DEVICE HARDWARE REQUIRING A LOCAL POWER SUPPLY. INTERCONNECT LOW VOLTAGE CABLES BETWEEN SYSTEM AND LOCKS. SECURITY DOOR HARDWARE TO FAIL SECURE, UON. EXIT DEVICE ELECTRIC HARDWARE TO HAVE MANUFACTURERS POWER SUPPLIES AND BACK-UP BATTERIES WHERE REQUIRED FOR NORMAL AND EMERGENCY OPERATION. EGRESS HARDWARE SHALL BE OPERABLE AT ALL TIMES. SECURITY HARDWARE SHALL NOT PROHIBIT EGRESS. INTERFACE SECURITY CONTROLLED DOOR HARDWARE WITH THE FIRE ALARM SYSTEM AS TO NOT IMPEDE EXITING UNDER FIRE ALARM CONDITIONS PROVIDE EXPANSION/DEFLECTION FITTING FOR CONDUITS CROSSING EXPANSION JOINTS. | | <p>SHEET NUMBER</p> <p>SHEET TITLE</p> <table border="1"> <tr> <td>SEC.0.01</td> <td>COVER SHEET/PROJECT INFORMATION</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>SEC.1.01</td> <td>SECURITY SYSTEM DEVICE LAYOUT PLAN</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>SEC.2.00</td> <td>SECURITY SYSTEM- PANEL PLANS AND ELEVATIONS</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>SEC.3.00</td> <td>SECURITY SYSTEM- POINT TO POINT WIRING DIAGRAM</td> <td></td> <td></td> <td>X</td> </tr> <tr> <td>SEC.4.00</td> <td>SECURITY SYSTEM- DOOR DETAILS</td> <td></td> <td></td> <td>X</td> </tr> <tr> <td>SEC.5.00</td> <td>SECURITY SYSTEM- DETAILS SHEET 1</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>SEC.5.01</td> <td>SECURITY SYSTEM- DETAILS SHEET 2</td> <td></td> <td></td> <td>X</td> </tr> </table> <p>DATE: 3/09/09, 7/23/09, 02/17/10</p> | | SEC.0.01 | COVER SHEET/PROJECT INFORMATION | X | X | X | SEC.1.01 | SECURITY SYSTEM DEVICE LAYOUT PLAN | X | X | X | SEC.2.00 | SECURITY SYSTEM- PANEL PLANS AND ELEVATIONS | X | X | | SEC.3.00 | SECURITY SYSTEM- POINT TO POINT WIRING DIAGRAM | | | X | SEC.4.00 | SECURITY SYSTEM- DOOR DETAILS | | | X | SEC.5.00 | SECURITY SYSTEM- DETAILS SHEET 1 | X | X | | SEC.5.01 | SECURITY SYSTEM- DETAILS SHEET 2 | | | X | <p>CONTACTS</p> <p>NetVersant: Chris Maust (PM) Tel: 510.771.1255 Cell: 510.690.3838 cmaust@netversant.com</p> <p>Melody Layman (CAD) Tel: 510.771.1266 mlayman@netversant.com</p> <p>Designer / Builder Pankow Special Projects 2101 Webster Street, Suite 1500 Oakland, CA 94612 Tel: 510.893.5170 FAX: 510.893.8950</p> <p>Structural Engineers KPPF Consulting Engineers 1160 Battery Street, Suite 300 San Francisco, California 94111 Tel: 415.989.1004 FAX: 415.989.1552</p> <p>Architects Noll & Tam Architects 729 Heinz Avenue, Suite 7 Berkeley, California 94710 Tel: 510.649.8295 FAX: 510.649.3008</p> <p>Design-Build Mechanical ACCO Engineered Systems 1133 Aladdin Avenue San Leandro, CA 94577 Tel: 510.346.4300 FAX: 510.347.1317</p> <p>Design-Build Plumbing L.J. Kruse 920 Pardee Street Berkeley, CA 94710 Tel: 510.644.0260 FAX: 510.849.9909</p> <p>Design-Build Electrical Cupertino Electric, Inc. 1470 Caesar Chavez San Francisco, CA 94142 Tel: 415.970.3442 FAX: 415.970.3434</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.0.01 | COVER SHEET/PROJECT INFORMATION | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.1.01 | SECURITY SYSTEM DEVICE LAYOUT PLAN | X | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.2.00 | SECURITY SYSTEM- PANEL PLANS AND ELEVATIONS | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.3.00 | SECURITY SYSTEM- POINT TO POINT WIRING DIAGRAM | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.4.00 | SECURITY SYSTEM- DOOR DETAILS | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.5.00 | SECURITY SYSTEM- DETAILS SHEET 1 | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEC.5.01 | SECURITY SYSTEM- DETAILS SHEET 2 | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>CABLE ROUTING APPLIES TO ALL SHEETS</p> <p>ALL BY EC, UON</p> <p>CONDUIT RUN EXPOSED ON WALL OR CEILING.</p> <p>CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND.</p> <p>CONDUIT RUN CONCEALED IN WALL OR CEILING.</p> <p>CONDUIT TURNED UP.</p> <p>CONDUIT TURNED DOWN.</p> <p>"BASKET STYLE" CABLE TRAY, SUSPENDED FROM STRUCTURE ABOVE, UON.</p> <p>MAIN J-HANGER CABLE ROUTING PATHWAY.</p> <p>CONDUIT STUB THROUGH WALL OR FLOOR, NUMBERS INDICATE SIZE AND QUANTITY.</p> <p>"EZ-PATH" TYPE FIRESTOP ASSEMBLY, NUMBERS INDICATE SIZE AND QUANTITY.</p> | | <p>POWER APPLIES TO ALL SHEETS</p> <p>⊕H DUPLEX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON.</p> <p>⊕I DUPLEX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON., CONNECTED TO EMERGENCY POWER SYSTEM.</p> <p>⊕J JUNCTION BOX, MOUNTED ABOVE ACCESSIBLE CEILING.</p> <p>▨ ELECTRICAL PANELBOARD, SURFACE MOUNTED.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DOOR TYPES & APPLICATION</p> <table border="1"> <thead> <tr> <th>DOOR TYPE</th> <th>DESCRIPTION</th> <th>HOW IT WORKS</th> <th>ASSOCIATED DEVICE SYMBOLS</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>CARD READER DOOR w/ STANDARD READER NO KEYPAD</td> <td>A CARD OR FOB MUST BE PRESENTED TO UNLOCK THE DOOR.</td> <td>CR, REX, DC, EL</td> </tr> <tr> <td>Ak</td> <td>CARD READER DOOR w/ STANDARD READER WITH KEYPAD</td> <td>A CARD OR FOB MUST BE PRESENTED TO UNLOCK THE DOOR.</td> <td>CRk, REX, DC, EL</td> </tr> <tr> <td>B</td> <td>SCHEDULED UNLOCK DOOR</td> <td>AUTOMATICALLY LOCKS OR UNLOCKS ON A SCHEDULE THAT HAS BEEN PROGRAMMED INTO THE ACAMS.</td> <td>DC, EL</td> </tr> <tr> <td>C</td> <td>MONITORED DOOR WITH AUTHORIZED EXITING</td> <td>ALLOW FOR EGRESS WITHOUT AN ALARM</td> <td>DC</td> </tr> <tr> <td>D</td> <td>ADA CARD READER DOOR w/ STANDARD READER-NO KEYPAD</td> <td>USES A CARD READER, LIKE "A", BUT IN CONJUNCTION WITH AN AUTOMATIC DOOR OPERATOR.</td> <td>CR, ADA, REX, DC, EL</td> </tr> <tr> <td>Dk</td> <td>ADA CARD READER DOOR w/ STANDARD READER-WITH KEYPAD</td> <td>USES A CARD READER, LIKE "A", BUT IN CONJUNCTION WITH AN AUTOMATIC DOOR OPERATOR AND ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER.</td> <td>CRk, ADA, REX, DC, EL</td> </tr> <tr> <td>E</td> <td>EMERGENCY EXIT DOOR WITH LOCAL ALARM</td> <td>MONITORED LIKE "C". 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EXITING THROUGH THIS DOOR WILL SET OFF AN AUDIBLE ALARM NEAR THE DOOR AS WELL AS AT THE ACAMS. | LA, DC | F | IN/OUT STANDARD PROXIMITY READER w/ DOOR MANAGEMENT ALARM - NO KEYPAD | A CARD OR FOB MUST BE PRESENTED TO USE THIS DOOR TO EXIT OR ENTER OTHERWISE AN AUDIBLE ALARM NEAR THE DOOR WILL SOUND. | CR1, CR2, REX, DC, EL | Fk | IN/OUT STANDARD PROXIMITY READER w/ DOOR MANAGEMENT ALARM - WITH KEYPAD | SAME AS "F" BUT ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER. | CRk1, CRk2, REX, DC, EL | G | ADA IN/OUT PROXIMITY READER - NO KEYPAD | A COMBINATION OF DOOR TYPES "D" AND "F". | CR1, CR2, ADA, REX, DC, EL | Gk | SAME AS "G" BUT WITH KEYPAD READER | SAME AS "F" BUT ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER. | CRk1, CRk2, ADA, REX, DC, EL | H | MONITORED ONLY | MONITORED BY THE ACAMS TO DETERMINE DOOR POSITION (OPEN OR CLOSED). | DC | I | PROXIMITY READER COILING DOOR | CARD READER PLUS KEYPAD CONTROL SWITCH | CR, REX, DC, EL | Ik | SAME AS "I" BUT WITH KEYPAD READER | SAME AS "I" BUT WITH COMMAND CONTROLS USING KEYPAD READER. | CRk, REX, DC, EL | K | KEY CONTROLLED MONITORING | A PHYSICAL KEY IS USED TO ENABLE OR DISABLE MONITORING OF A SPACE. | DC | Kla | SAME AS "K" BUT WITH LOCAL ALARM | SAME AS "K" BUT WITH A LOCAL AUDIBLE ALARM. | LA, DC | L | PROXIMITY READER SLIDING STOREFRONT | CARD READER OUTSIDE TO ENTER, MOMENTARY KEY SWITCH INSIDE TO EXIT, MAGNETIC LOCK ON THE FIRST SLIDING PANEL. | CR, REX, DC, EL | Lk | SAME AS "L" BUT WITH KEYPAD READER | SAME AS "L" BUT WITH COMMAND CONTROLS USING KEYPAD READER. | CRk, REX, DC, EL |
| DOOR TYPE | DESCRIPTION | HOW IT WORKS | ASSOCIATED DEVICE SYMBOLS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | CARD READER DOOR w/ STANDARD READER NO KEYPAD | A CARD OR FOB MUST BE PRESENTED TO UNLOCK THE DOOR. | CR, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ak | CARD READER DOOR w/ STANDARD READER WITH KEYPAD | A CARD OR FOB MUST BE PRESENTED TO UNLOCK THE DOOR. | CRk, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| C | MONITORED DOOR WITH AUTHORIZED EXITING | ALLOW FOR EGRESS WITHOUT AN ALARM | DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | ADA CARD READER DOOR w/ STANDARD READER-NO KEYPAD | USES A CARD READER, LIKE "A", BUT IN CONJUNCTION WITH AN AUTOMATIC DOOR OPERATOR. | CR, ADA, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| E | EMERGENCY EXIT DOOR WITH LOCAL ALARM | MONITORED LIKE "C". EXITING THROUGH THIS DOOR WILL SET OFF AN AUDIBLE ALARM NEAR THE DOOR AS WELL AS AT THE ACAMS. | LA, DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | IN/OUT STANDARD PROXIMITY READER w/ DOOR MANAGEMENT ALARM - NO KEYPAD | A CARD OR FOB MUST BE PRESENTED TO USE THIS DOOR TO EXIT OR ENTER OTHERWISE AN AUDIBLE ALARM NEAR THE DOOR WILL SOUND. | CR1, CR2, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fk | IN/OUT STANDARD PROXIMITY READER w/ DOOR MANAGEMENT ALARM - WITH KEYPAD | SAME AS "F" BUT ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER. | CRk1, CRk2, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | ADA IN/OUT PROXIMITY READER - NO KEYPAD | A COMBINATION OF DOOR TYPES "D" AND "F". | CR1, CR2, ADA, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| H | MONITORED ONLY | MONITORED BY THE ACAMS TO DETERMINE DOOR POSITION (OPEN OR CLOSED). | DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | PROXIMITY READER COILING DOOR | CARD READER PLUS KEYPAD CONTROL SWITCH | CR, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ik | SAME AS "I" BUT WITH KEYPAD READER | SAME AS "I" BUT WITH COMMAND CONTROLS USING KEYPAD READER. | CRk, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | KEY CONTROLLED MONITORING | A PHYSICAL KEY IS USED TO ENABLE OR DISABLE MONITORING OF A SPACE. | DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kla | SAME AS "K" BUT WITH LOCAL ALARM | SAME AS "K" BUT WITH A LOCAL AUDIBLE ALARM. | LA, DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | PROXIMITY READER SLIDING STOREFRONT | CARD READER OUTSIDE TO ENTER, MOMENTARY KEY SWITCH INSIDE TO EXIT, MAGNETIC LOCK ON THE FIRST SLIDING PANEL. | CR, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lk | SAME AS "L" BUT WITH KEYPAD READER | SAME AS "L" BUT WITH COMMAND CONTROLS USING KEYPAD READER. | CRk, REX, DC, EL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>NOTE:</p> <p>* TRANSFER HINGES ARE NOT SHOWN ON DRAWINGS. ASSUME AN ELECTRIFIED HINGE OF ELECTRIC POWER TRANSFER ASSOCIATED WITH EACH ELECTRIFIED LOCKSET OR ELECTRIFIED PANIC BAR. CONSULT THE DOOR HARDWARE SCHEDULE FOR ADDITIONAL INFORMATION.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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College of San Mateo
1700 W. Hillsdale Blvd.
San Mateo, CA 94402

SHEET TITLE

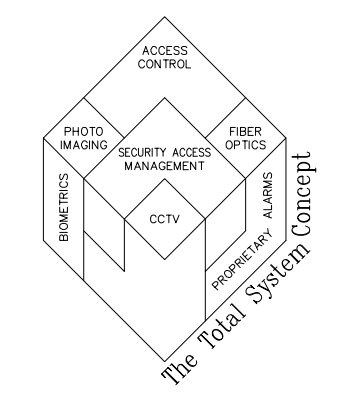
**COVER SHEET/
PROJECT INFORMATION**

REVISIONS / SUBMITTALS:

| NO. | DATE | DESCRIPTION |
|-----|---------|-------------------|
| | 5/18/09 | DESIGN BUILD |
| | 8/27/09 | DSA SUBMITTAL |
| | 2/17/10 | AS BUILT DRAWINGS |

DATE CREATED: 4/1/09
DRAWN MLAYMAN
CHECKED CMAUST
SCALE AS NOTED
PROJECT NO.: 60971072F107600-605|2901

SHEET NUMBER
SEC.01



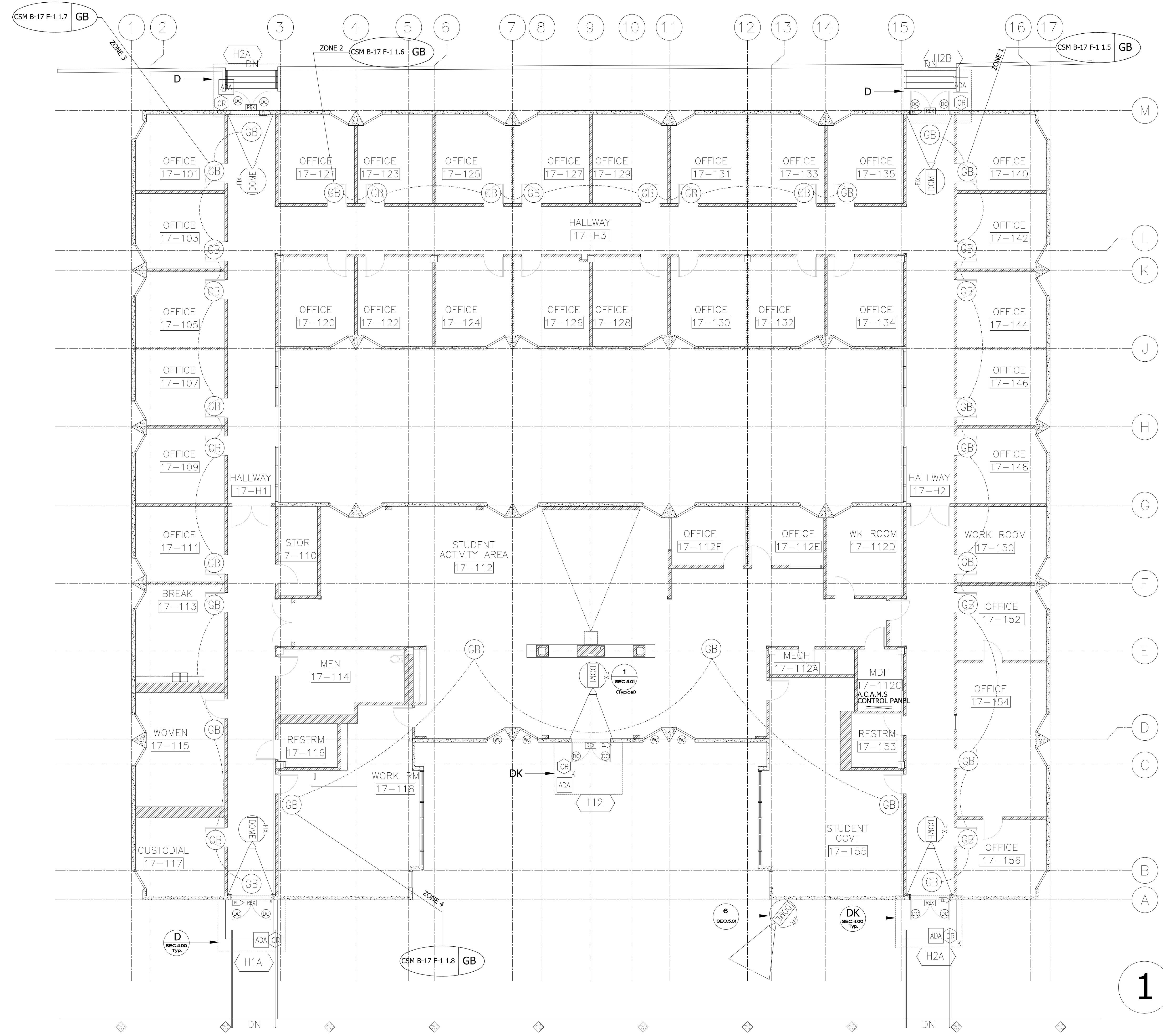
ARCHITECT OF RECORD
noll & tam
 architects and planners
 729 Heinz Avenue
 Berkeley, CA 94710
 510.649.8295
 fax 510.649.3008

DOOR TYPES & APPLICATION

| DOOR TYPE | DESCRIPTION | HOW IT WORKS | ASSOCIATED DEVICE SYMBOLS |
|-----------|---|---|-----------------------------|
| A | CARD READER DOOR w/ STANDARD READER NO KEYPAD | A CARD OR FOB MUST BE PRESENTED TO UNLOCK THE DOOR. | CR, REX, EL |
| Ak | CARD READER DOOR w/ STANDARD READER WITH KEYPAD | A CARD OR FOB MUST BE PRESENTED TO UNLOCK THE DOOR. | CR, K, REX, EL |
| B | SCHEDULED UNLOCK DOOR | AUTOMATICALLY LOCKS OR UNLOCKS ON A SCHEDULE THAT HAS BEEN PROGRAMMED INTO THE ACAMS. | OC, EL |
| C | MONITORED DOOR WITH AUTHORIZED EXITING | ALLOW FOR EGRESS WITHOUT AN ALARM | OC |
| D | ADA CARD READER DOOR w/ STANDARD READER-NO KEYPAD | USES A CARD READER, LIKE "A", BUT IN CONJUNCTION WITH AN AUTOMATIC DOOR OPERATOR. | CR, ADA, REX, OC, EL |
| Dk | ADA CARD READER DOOR w/ STANDARD READER-WITH KEYPAD | USES A CARD READER, LIKE "A", BUT IN CONJUNCTION WITH AN AUTOMATIC DOOR OPERATOR AND ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER. | CR, ADA, REX, OC, EL, K |
| E | EMERGENCY EXIT DOOR WITH LOCAL ALARM | MONITORED LIKE "C". EXITING THROUGH THIS DOOR WILL SET OFF AN AUDIBLE ALARM NEAR THE DOOR AS WELL AS AT THE ACAMS. | LA, K, OC |
| F | IN/OUT STANDARD PROXIMITY READER w/ DOOR MANAGEMENT ALARM - NO KEYPAD | A CARD OR FOB MUST BE PRESENTED TO USE THIS DOOR TO EXIT OR ENTER OTHERWISE AN AUDIBLE ALARM NEAR THE DOOR WILL SOUND. | CR, OC, REX, OC, EL |
| Fk | IN/OUT STANDARD PROXIMITY READER w/ DOOR MANAGEMENT ALARM - WITH KEYPAD | SAME AS "F" BUT ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER. | CR, K, OC, ADA, REX, OC, EL |
| G | ADA IN/OUT PROXIMITY READER - NO KEYPAD | A COMBINATION OF DOOR TYPES "D" AND "F". | CR, ADA, REX, OC, EL |
| Gk | SAME AS "G" BUT WITH KEYPAD READER | SAME AS "G" BUT ALLOWS FOR COMMAND CONTROLS USING THE KEYPAD READER. | CR, K, ADA, REX, OC, EL |
| H | MONITORED ONLY | MONITORED BY THE ACAMS TO DETERMINE DOOR POSITION (OPEN OR CLOSED). | OC |
| I | PROXIMITY READER COILING DOOR | CARD READER PLUS KEYPAD CONTROL SWITCH | CR, REX, OC, EL |
| Ik | SAME AS "I" BUT WITH KEYPAD READER | SAME AS "I" BUT WITH COMMAND CONTROLS USING KEYPAD READER. | CR, K, REX, OC, EL |
| K | KEY CONTROLLED MONITORING | A PHYSICAL KEY IS USED TO ENABLE OR DISABLE MONITORING OF A SPACE. | OC |
| Kla | SAME AS "K" BUT WITH LOCAL ALARM | SAME AS "K" BUT WITH A LOCAL AUDIBLE ALARM. | LA, K, OC |
| L | PROXIMITY READER SLIDING STOREFRONT | CARD READER OUTSIDE TO ENTER, MOMENTARY KEY SWITCH INSIDE TO EXIT, MAGNETIC LOCK ON THE FIRST SLIDING PANEL. | CR, REX, OC, EL |
| Lk | SAME AS "L" BUT WITH KEYPAD READER | SAME AS "L" BUT WITH COMMAND CONTROLS USING KEYPAD READER. | CR, K, REX, OC, EL |

LEGEND

| Device | Device Qty. |
|----------------------|-------------|
| Camera | 6 |
| Card Reader | 3 |
| with Keypad | 2 |
| Window Contact | 4 |
| Door Contact | 10 |
| Glass Break Contact | 30 |
| Door Request Release | 5 |
| Electric Lock | 5 |
| Door Actuator | 5 |



1 SECURITY FLOOR PLAN - DEVICE LAYOUT
 SCALE: 1/8"=1'-0"

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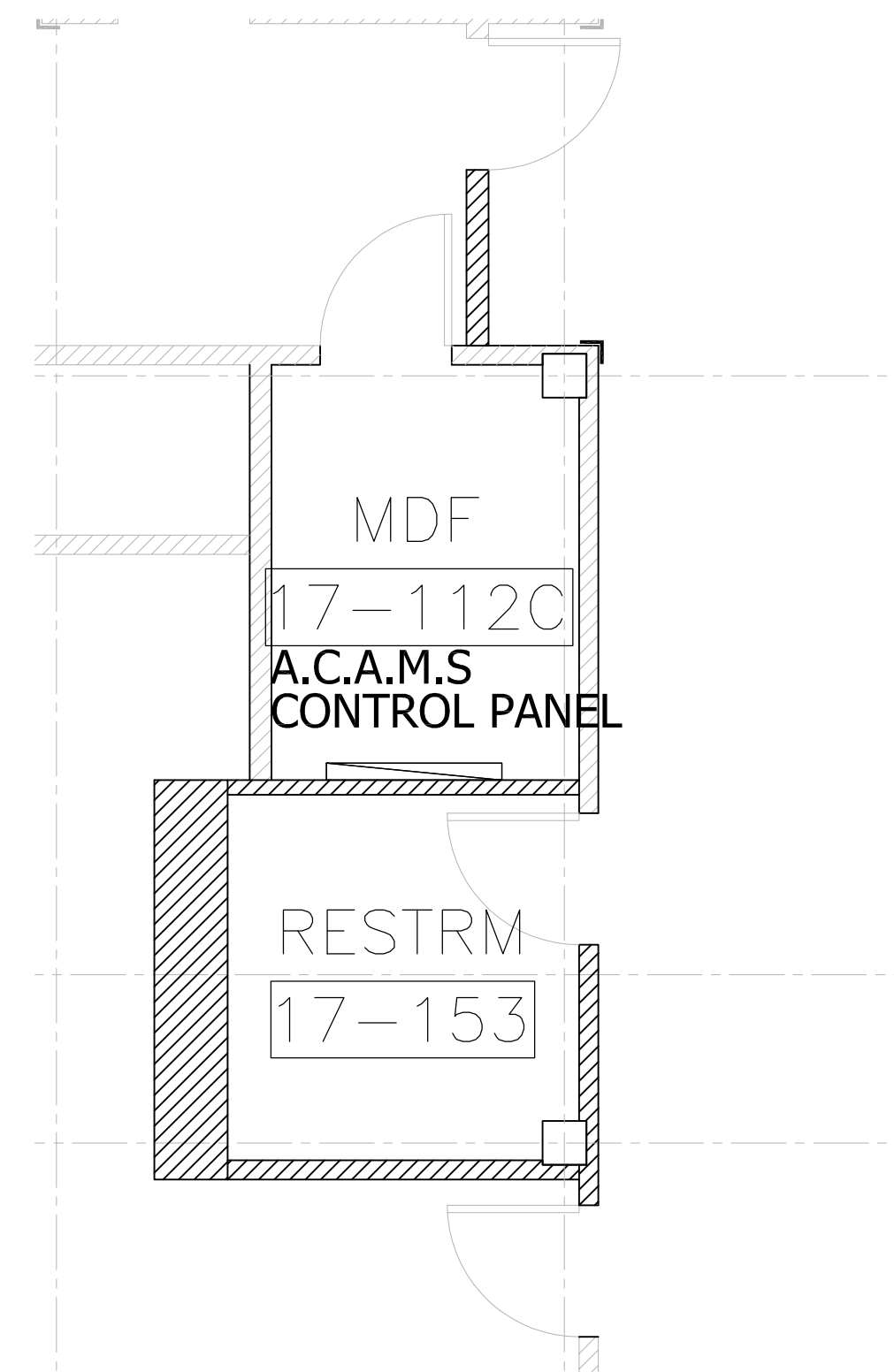
SHEET TITLE
SECURITY SYSTEM DEVICE LAYOUT PLAN

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|---------|-------------------|-------------|
| 5/18/09 | DESIGN BUILD | |
| 8/27/09 | DSA SUBMITTAL | |
| 2/17/10 | AS BUILT DRAWINGS | |

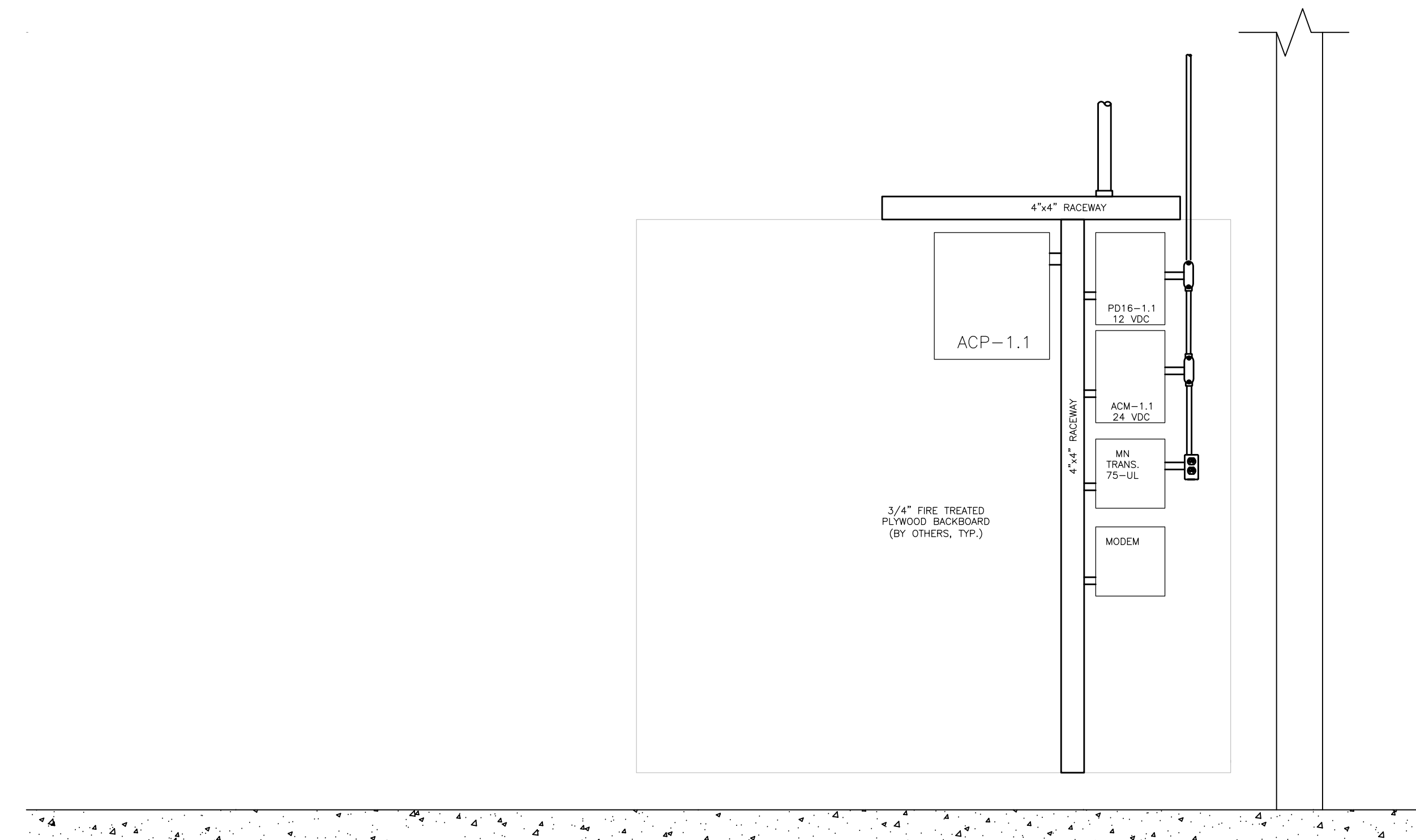
DATE CREATED: 4/1/09
 DRAWN: MLAYMAN
 CHECKED: CMAUST
 SCALE: AS NOTED
 PROJECT NO.: 60971072F107600-6052901

SHEET NUMBER
SEC.1.01



MDF ROOM 17-112C LAYOUT
SCALE: 1/4"=1'-0"

1

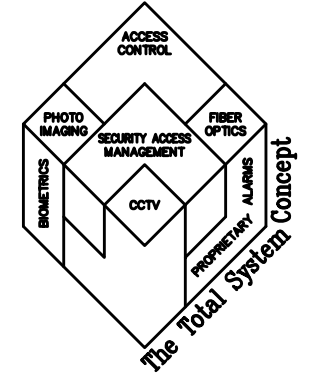


MDF ROOM, SECURITY ENCLOSURE ELEVATION
SCALE: NTS

2

PREPARED BY:

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OFFICE: 510.771.1200
FAX: 510.252.0109



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SHEET TITLE
**SECURITY SYSTEM-
PANEL PLANS
AND ELEVATIONS**

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| | 8/27/09 | DSA SUBMITTAL |
| | 2/17/10 | AS BUILT DRAWINGS |
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DATE CREATED: 4/1/09

DRAWN MLAYMAN

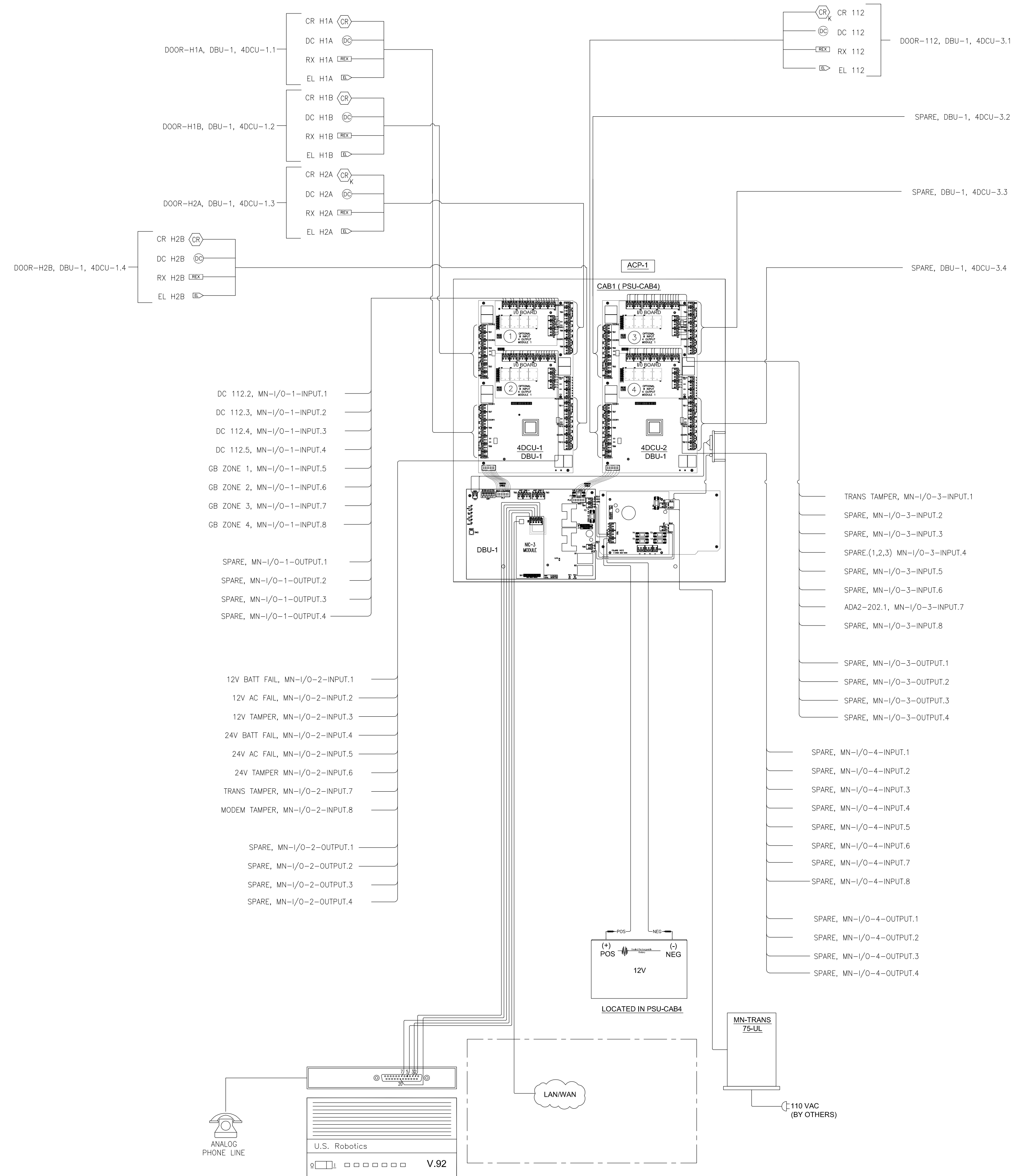
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SCALE AS NOTED

PROJECT NO.: 60971072F107600-6052901

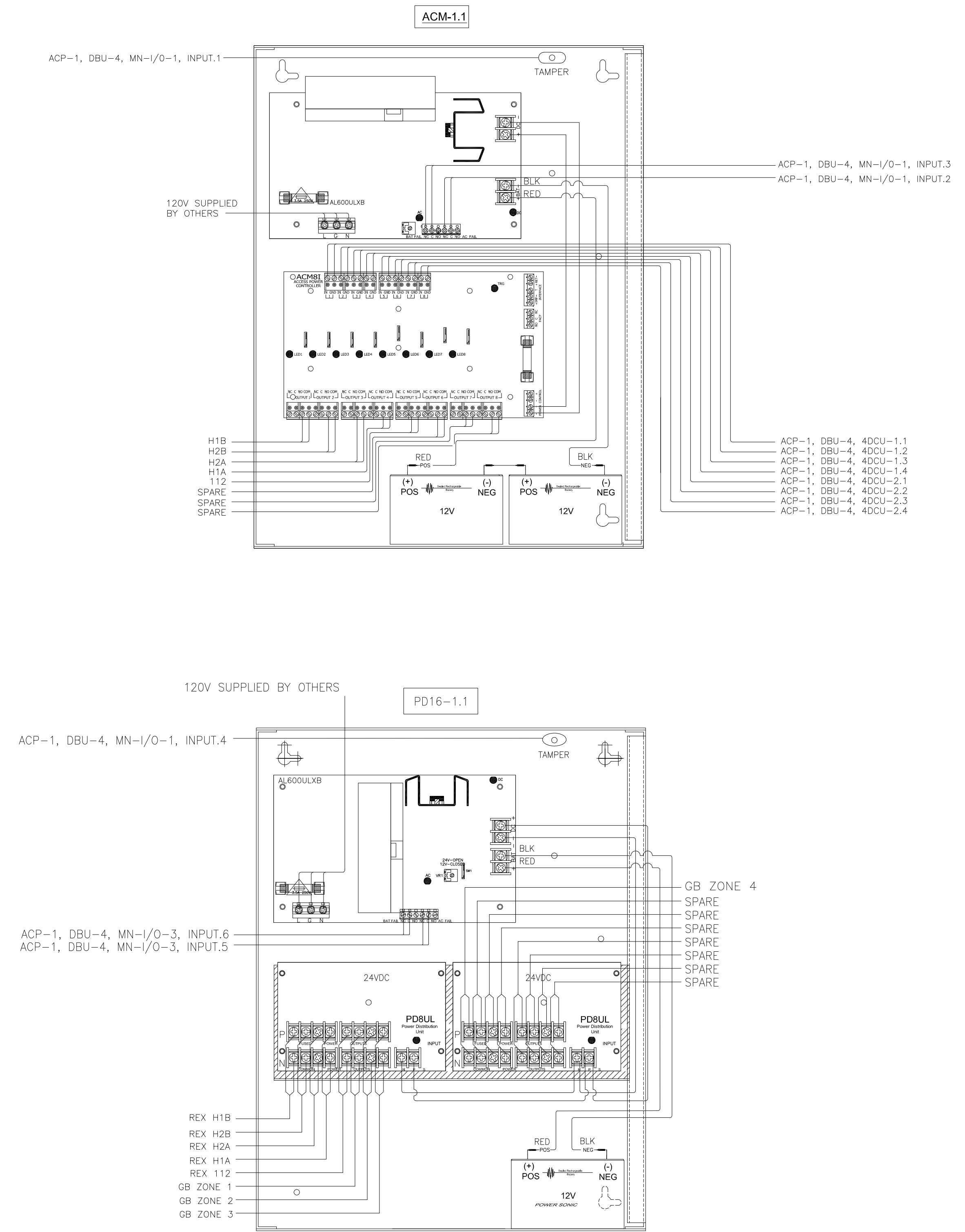
SHEET NUMBER

SEC.2.00



POINT TO POINT WIRING DIAGRAM

SCALE: N.T.S.



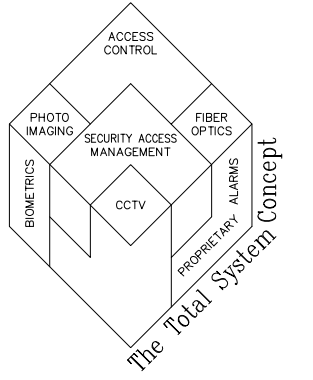
POWER SUPPLIES

SCALE: N.T.S.

PREPARED BY:



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San Mateo, CA 94402

SHEET TITLE
**SECURITY SYSTEM-
POINT TO POINT
WIRING DIAGRAM**

REVISIONS / SUBMITTALS:

| NO. | DATE | DESCRIPTION |
|-----|---------|-------------------|
| | 5/18/09 | DESIGN BUILD |
| | 8/27/09 | DSA SUBMITTAL |
| | 2/17/10 | AS BUILT DRAWINGS |

DATE CREATED: 4/1/09

DRAWN MLAYMAN

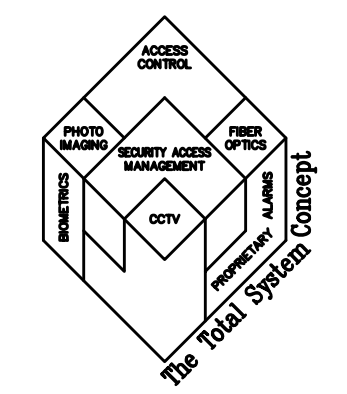
CHECKED CMAUST

SCALE AS NOTED

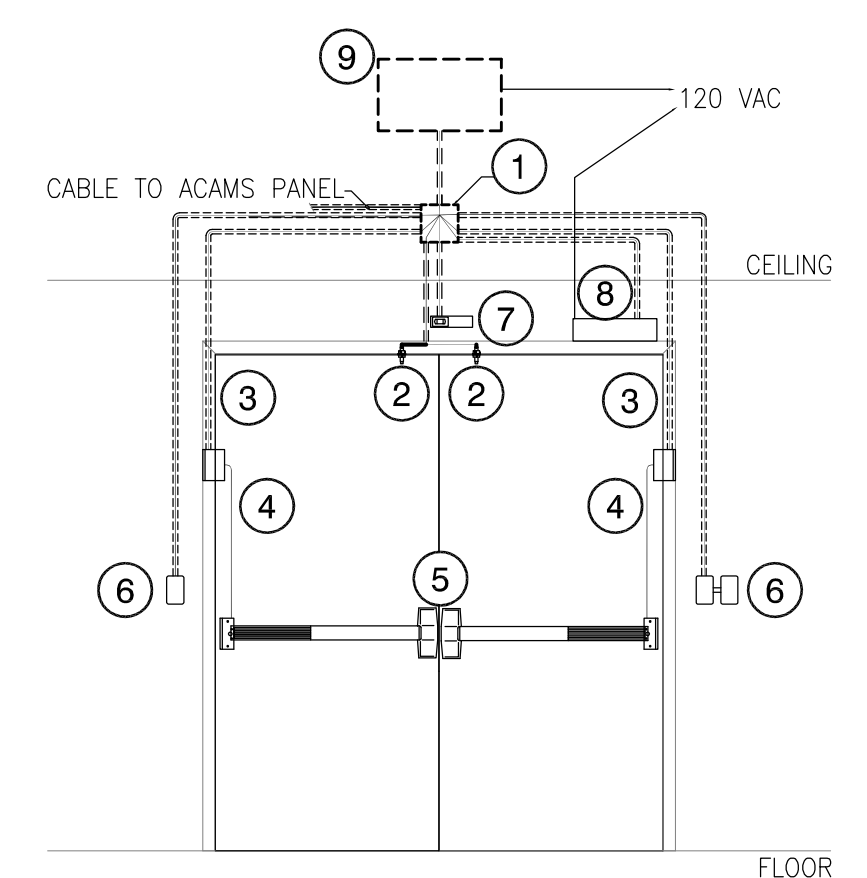
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SHEET NUMBER

SEC.3.00



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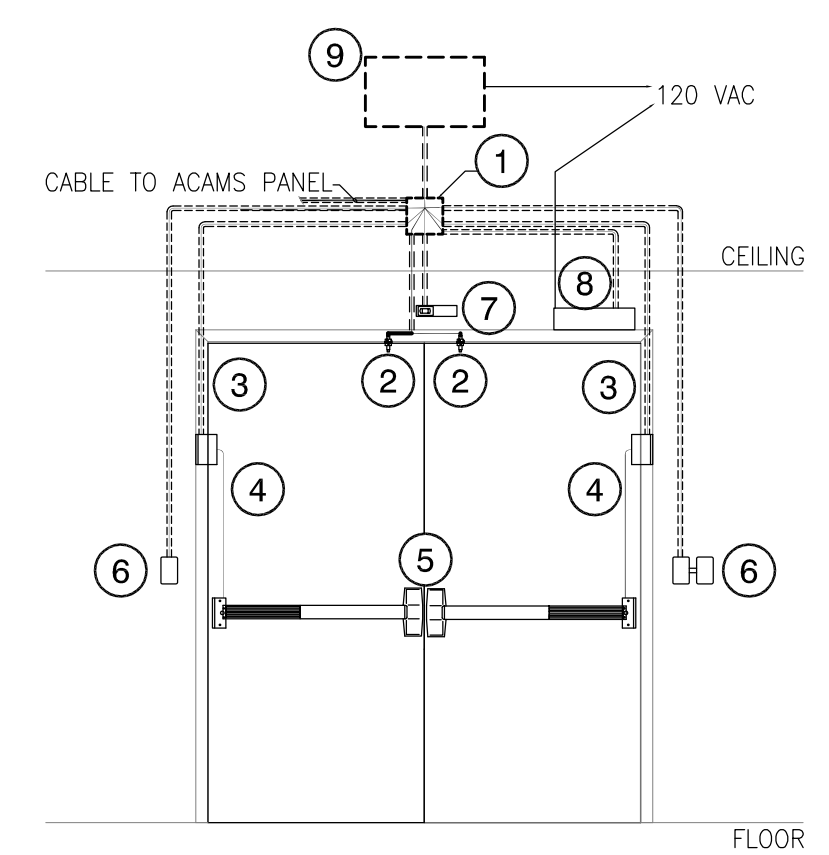


- ① JUNCTION BOX 10" AFF.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
- ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED PANIC BAR.
- ⑤ ELECTRIFIED PANIC BARS.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOXES WITH SINGLE GANG DEVICE RINGS FLUSH MOUNTED FOR CARD READER AND ADA ACTUATORS 42" A.F.F. O.C.
- ⑦ REQUEST TO EXIT MOTION SENSOR.
- ⑧ DOOR OPERATOR.
- ⑨ PS-873-2-A0

D ADA CARD READER DOOR - NO KEYPAD
 SCALE: N.T.S.

AK NOT USED
 SCALE: N.T.S.

C NOT USED
 SCALE: N.T.S.



- ① JUNCTION BOX 10" AFF.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
- ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED PANIC BAR.
- ⑤ ELECTRIFIED PANIC BARS.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOXES WITH SINGLE GANG DEVICE RINGS FLUSH MOUNTED FOR CARD READER WITH KEYPAD AND ADA ACTUATORS 42" A.F.F. O.C.
- ⑦ REQUEST TO EXIT MOTION SENSOR.
- ⑧ DOOR OPERATOR.
- ⑨ PS-873-2-A0

DK ADA CARD READER DOOR WITH KEYPAD
 SCALE: N.T.S.

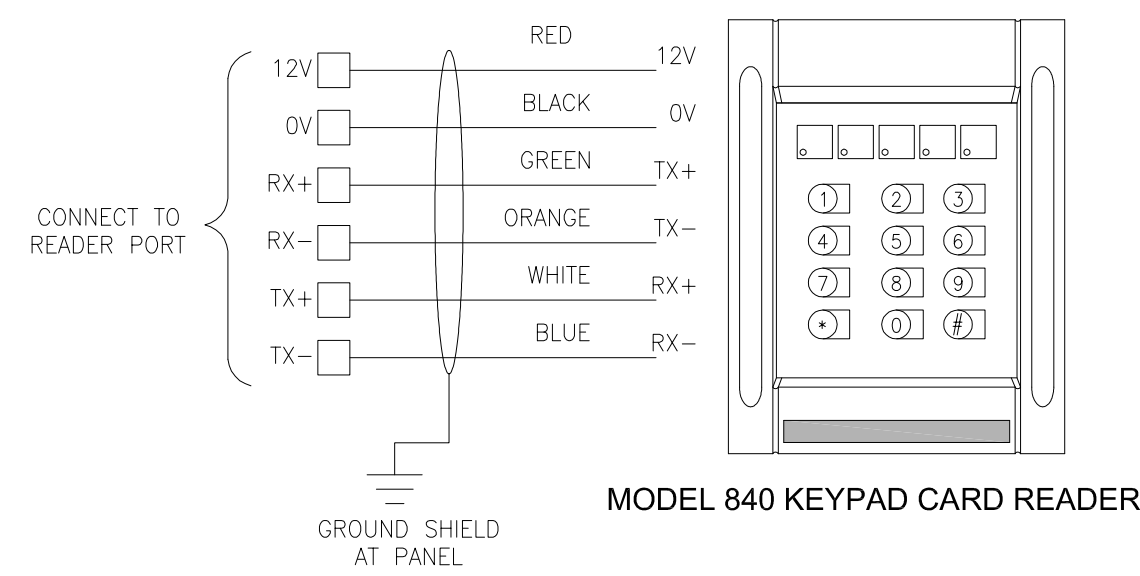
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SHEET TITLE
**SECURITY SYSTEM-
 DOOR DETAILS**

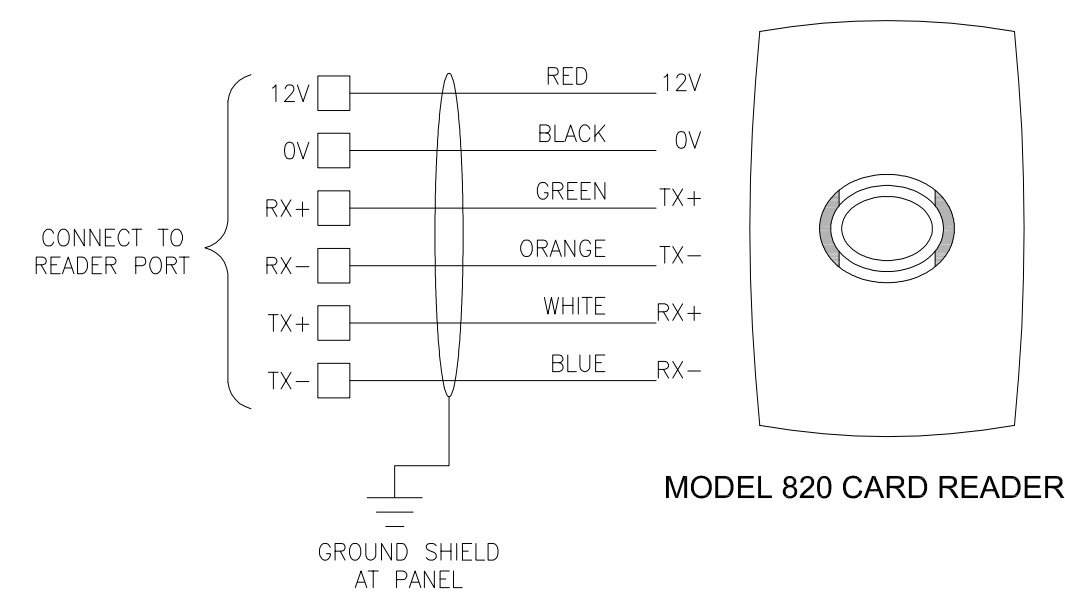
| REVISIONS / SUBMITTALS: | | |
|-------------------------|---------|-------------------|
| NO. | DATE | DESCRIPTION |
| | 5/18/09 | DESIGN BUILD |
| | 8/27/09 | DSA SUBMITTAL |
| | 2/17/10 | AS BUILT DRAWINGS |
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| DRAWN MLAYMAN |
| CHECKED CMAUST |
| SCALE AS NOTED |
| PROJECT NO.: 60971072F107600-6052901 |

SHEET NUMBER
SEC.4.00

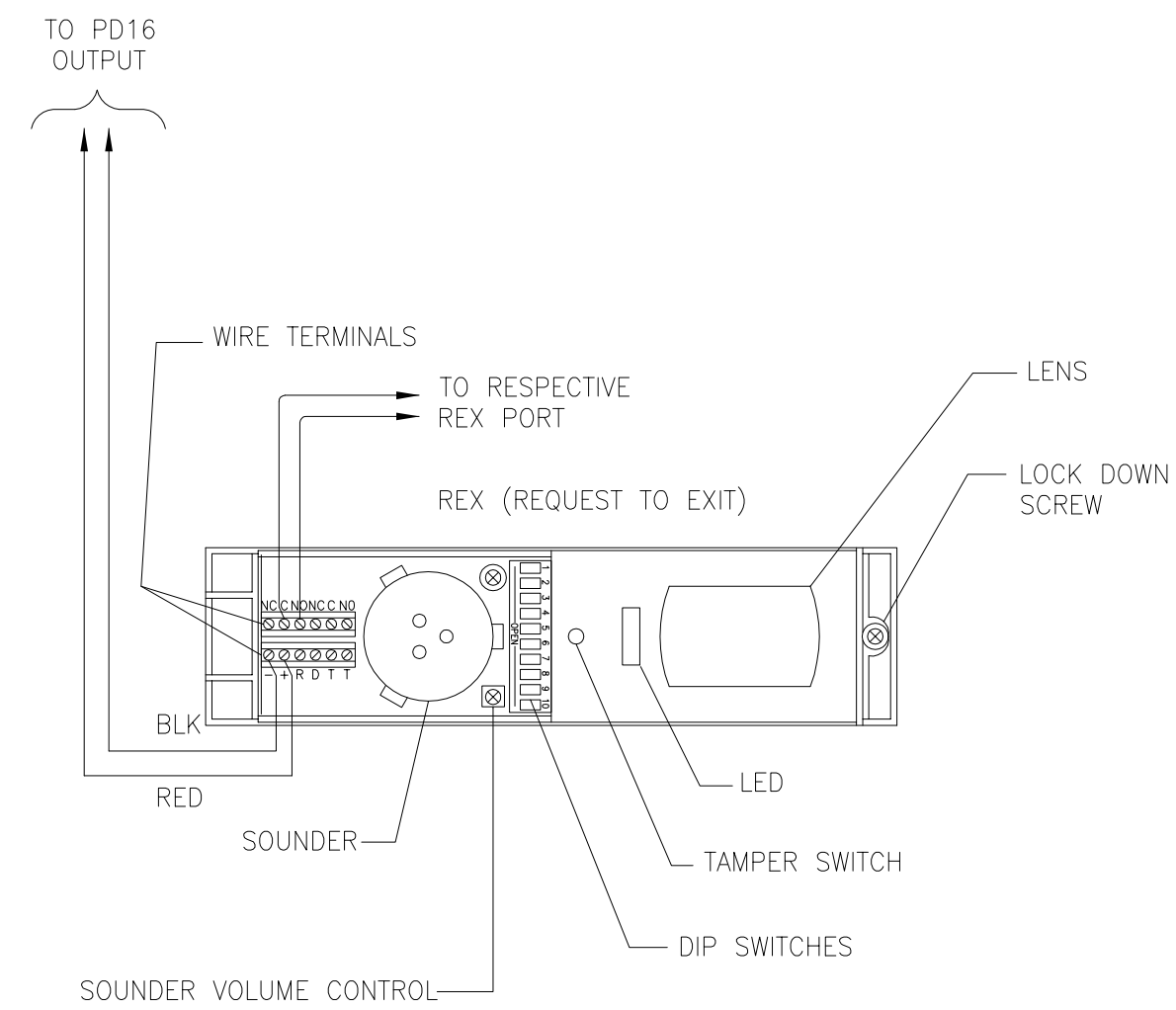


MODEL 840 KEYPAD CARD READER

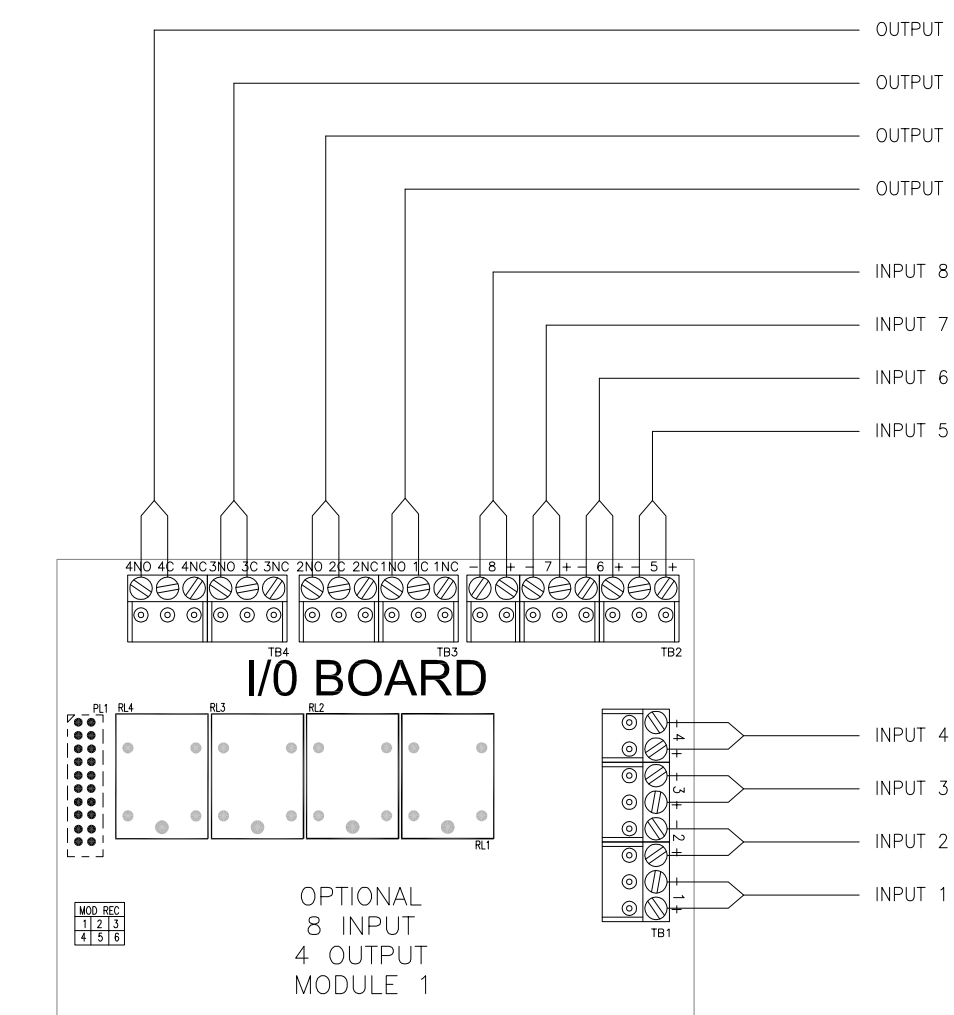


MODEL 820 CARD READER

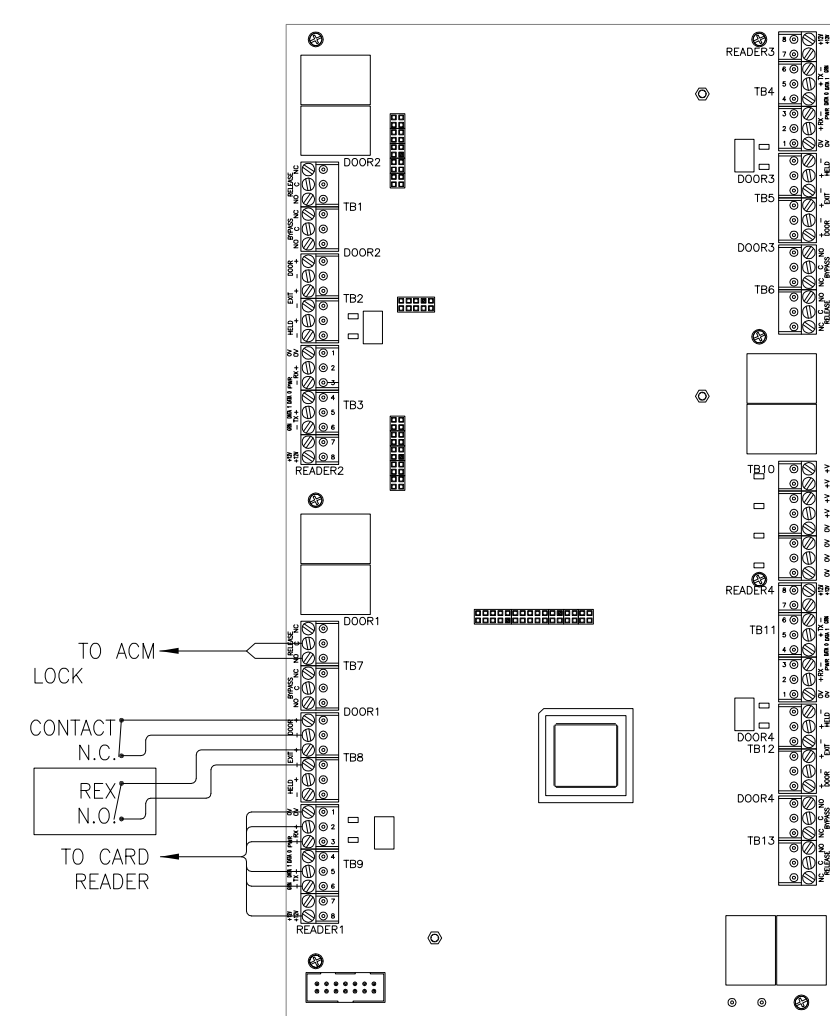
1 KEYPAD CARD READER, CARD READER
SCALE: N.T.S.



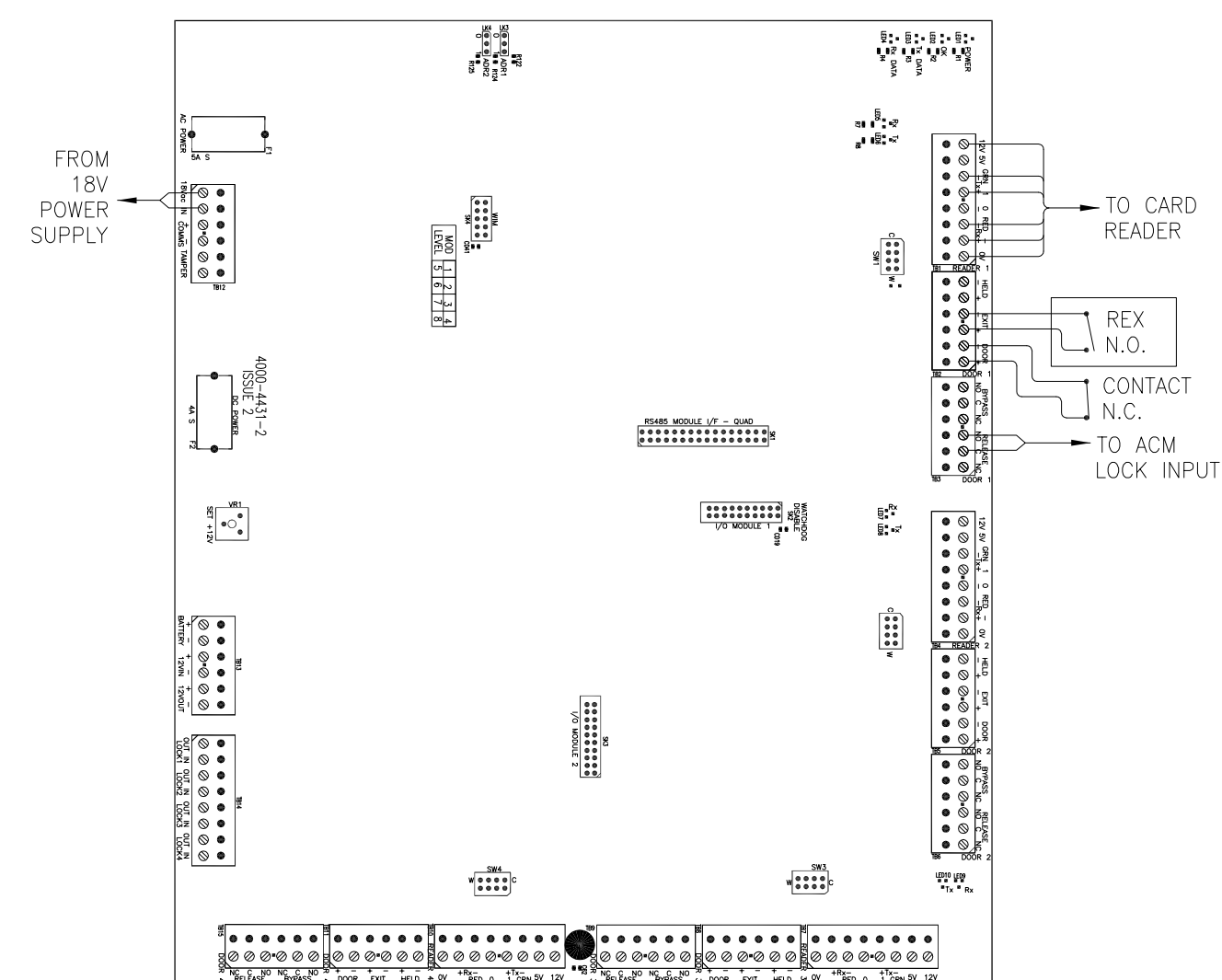
2 REQUEST TO EXIT
SCALE: N.T.S.



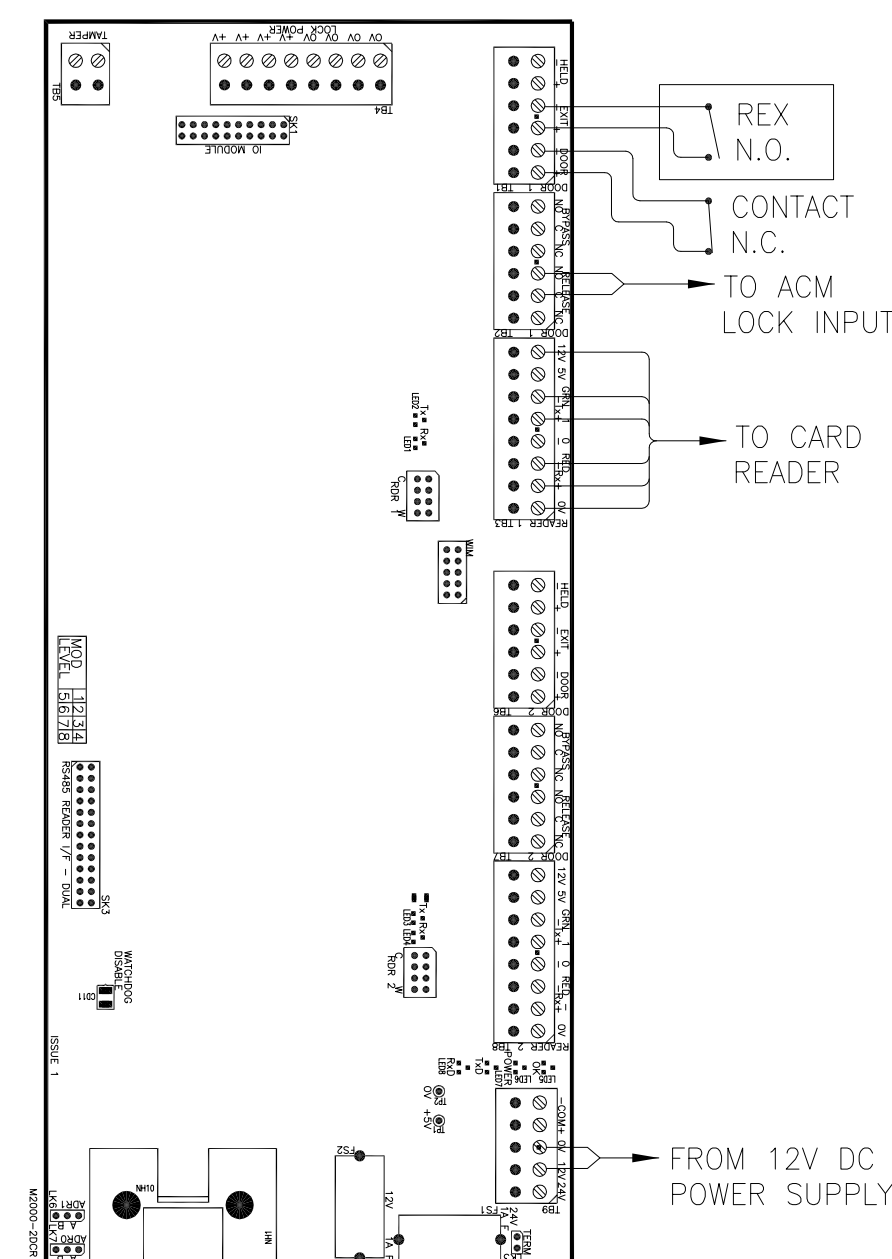
3 INPUT/OUTPUT MODULE
SCALE: N.T.S.



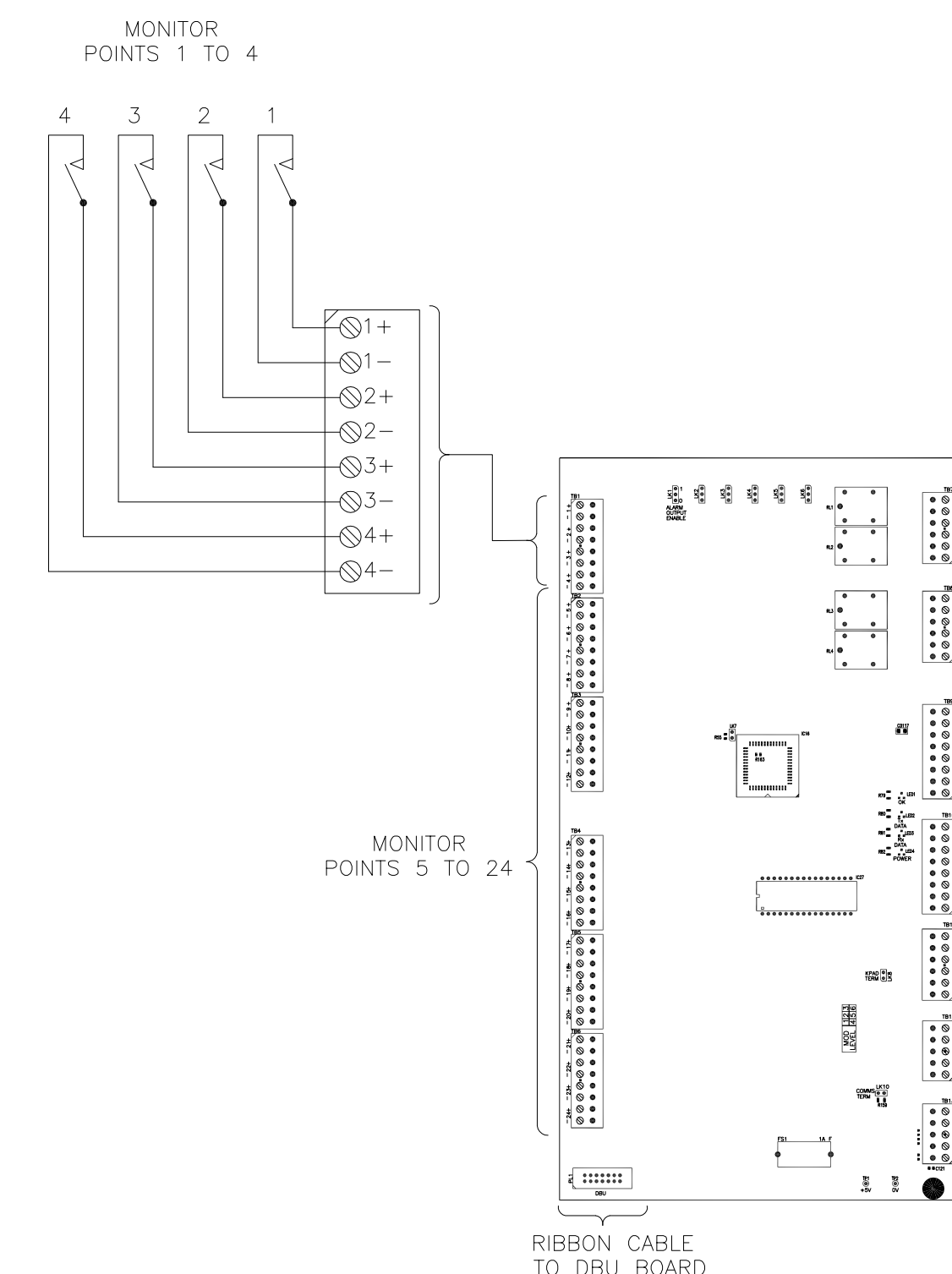
4 FOUR DOOR CONTROLLER (TYP.)
SCALE: N.T.S.



5 FOUR DOOR CONTROLLER (REMOTE) (TYP.)
SCALE: N.T.S.

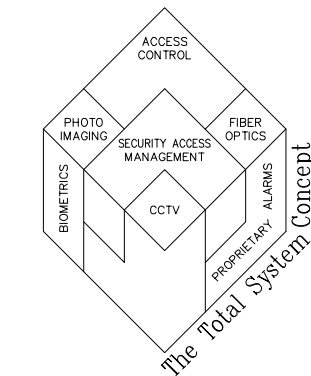


5 TWO DOOR CONTROLLER (REMOTE) (TYP.)
SCALE: N.T.S.



6 ALARM CONTROL UNIT
SCALE: N.T.S.

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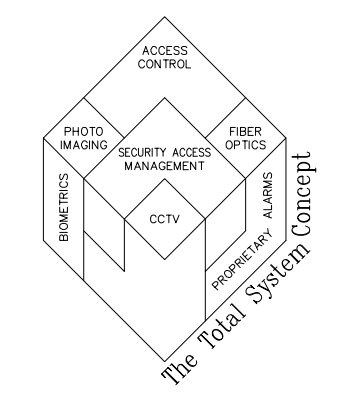
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SHEET TITLE
**SECURITY SYSTEM-
DETAIL SHEET 1**

| REVISIONS / SUBMITTALS: | | |
|-------------------------|---------|-------------------|
| NO. | DATE | DESCRIPTION |
| 1 | 5/18/09 | DESIGN BUILD |
| 2 | 8/27/09 | DSA SUBMITTAL |
| 3 | 2/17/10 | AS BUILT DRAWINGS |

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CHECKED CMAUST
SCALE AS NOTED
PROJECT NO.: 60971072F107600-6052901

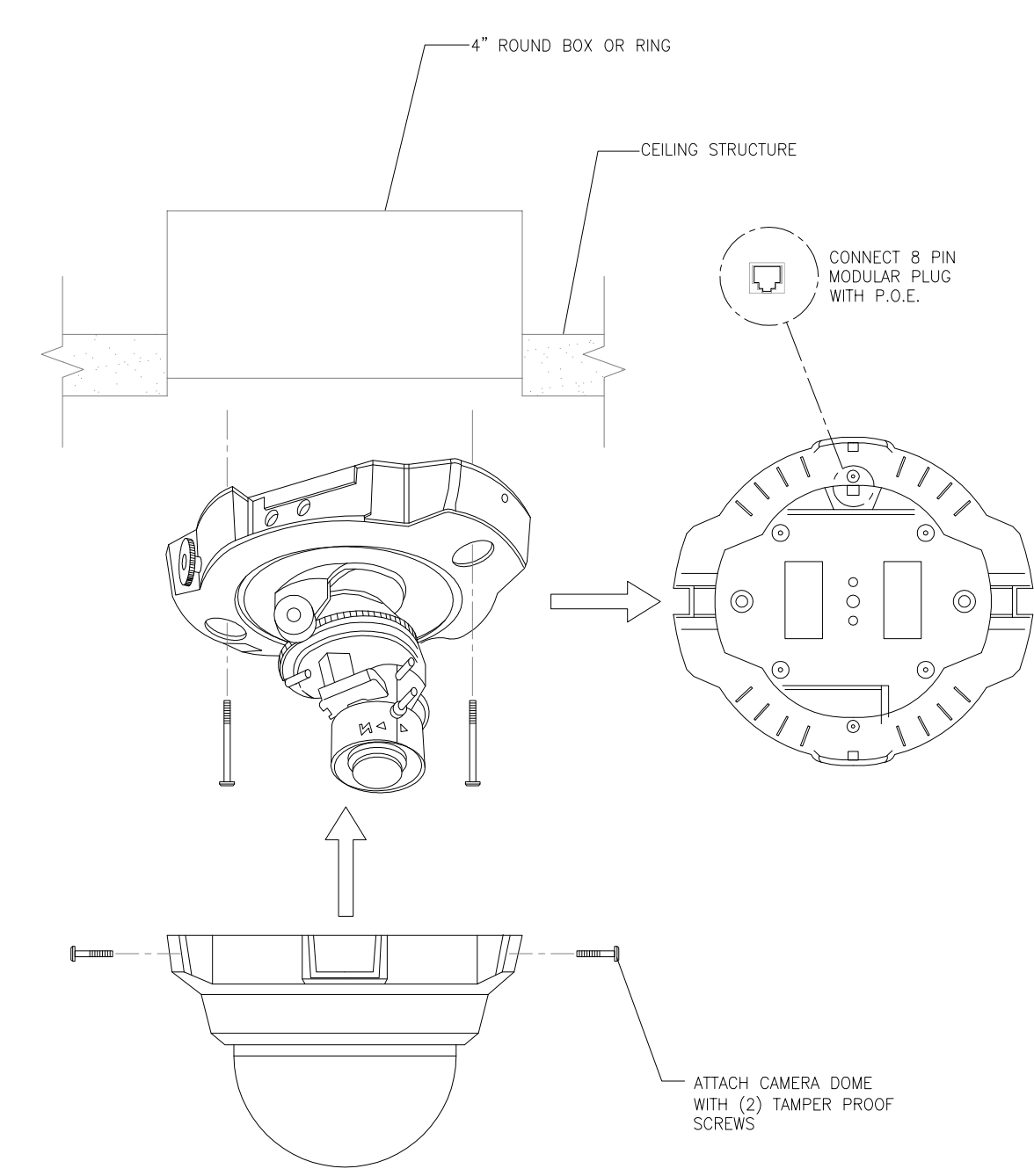
SHEET NUMBER
SEC.5.00



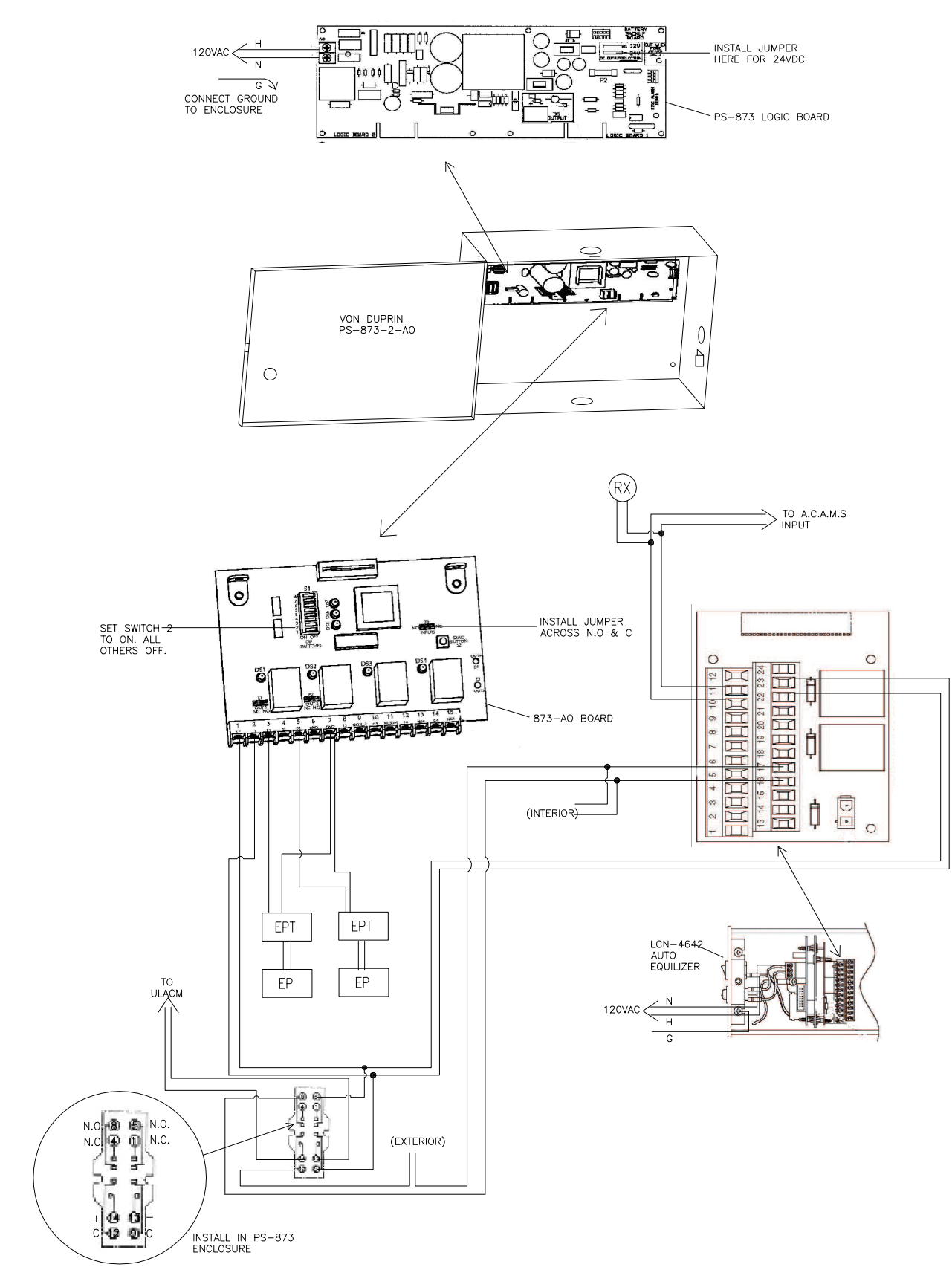
REVISIONS / SUBMITTALS:

| NO. | DATE | DESCRIPTION |
|---------|------|-------------------|
| 5/18/09 | | DESIGN BUILD |
| 8/27/09 | | DSA SUBMITTAL |
| 2/17/10 | | AS BUILT DRAWINGS |

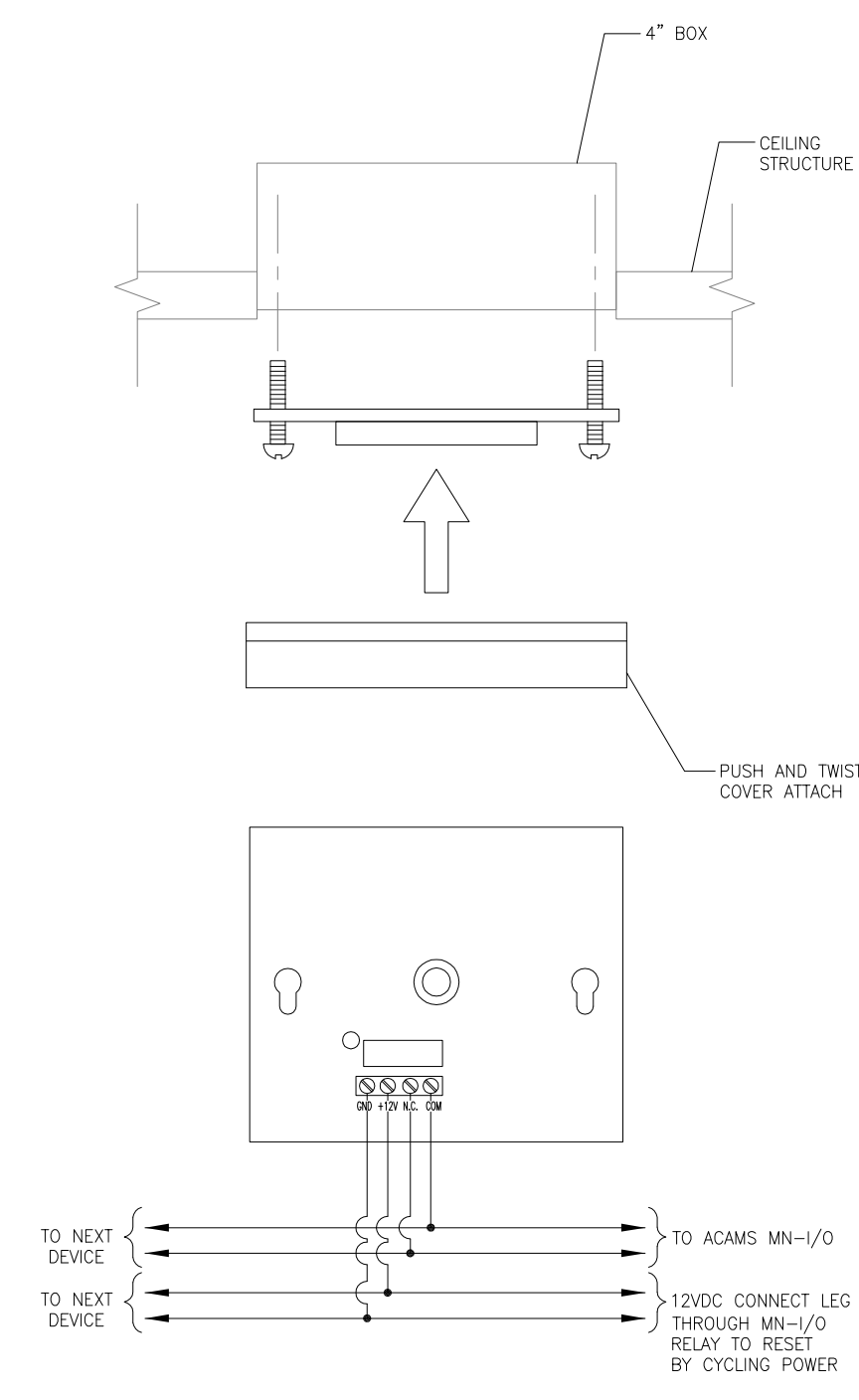
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|---------------|-------------------------|
| DATE CREATED: | 4/1/09 |
| DRAWN: | MLAYMAN |
| CHECKED: | CMAUST |
| SCALE: | AS NOTED |
| PROJECT NO.: | 60971072F107600-6052901 |



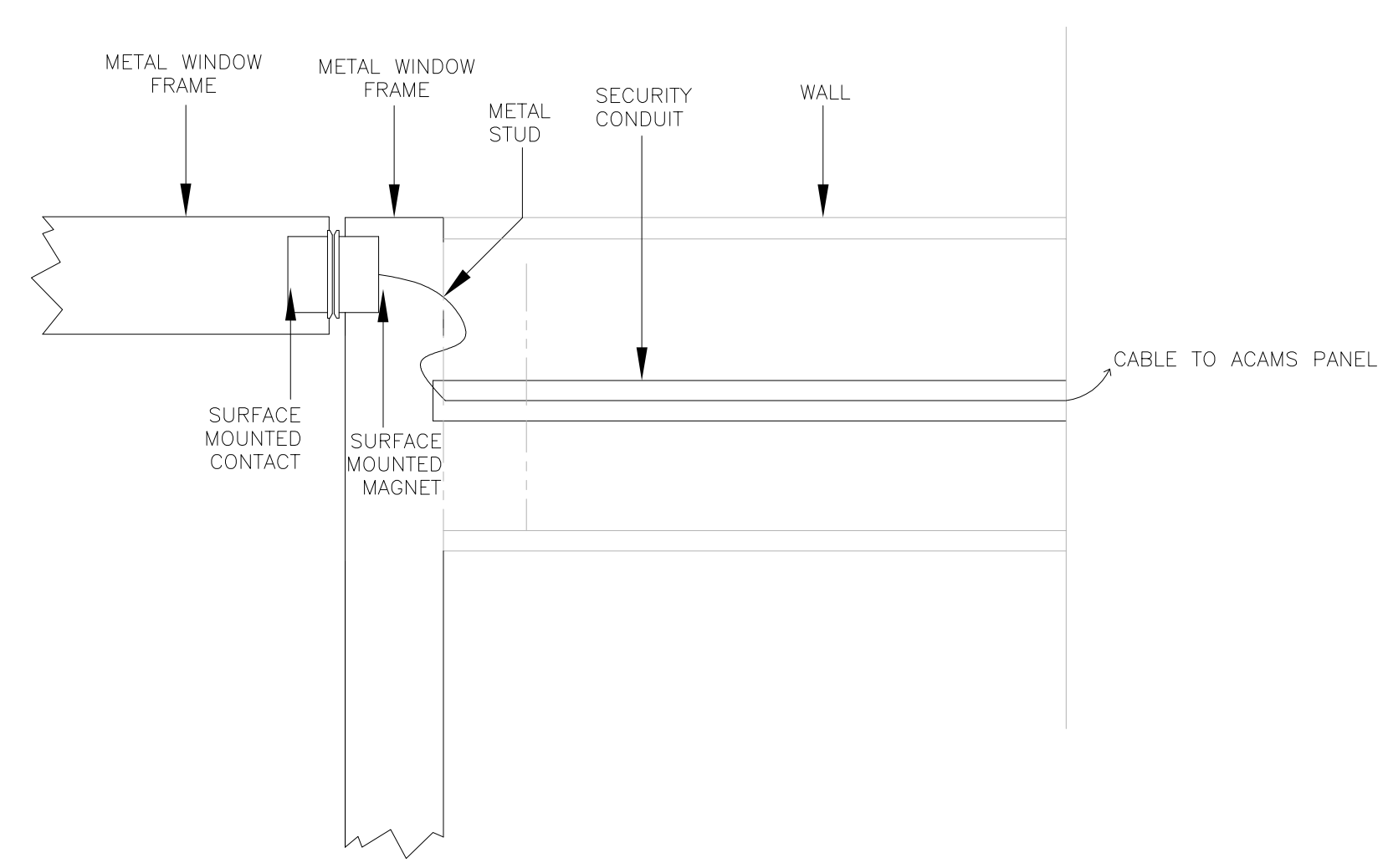
1 INTERIOR CEILING MOUNT CAMERA
 SCALE: N.T.S.



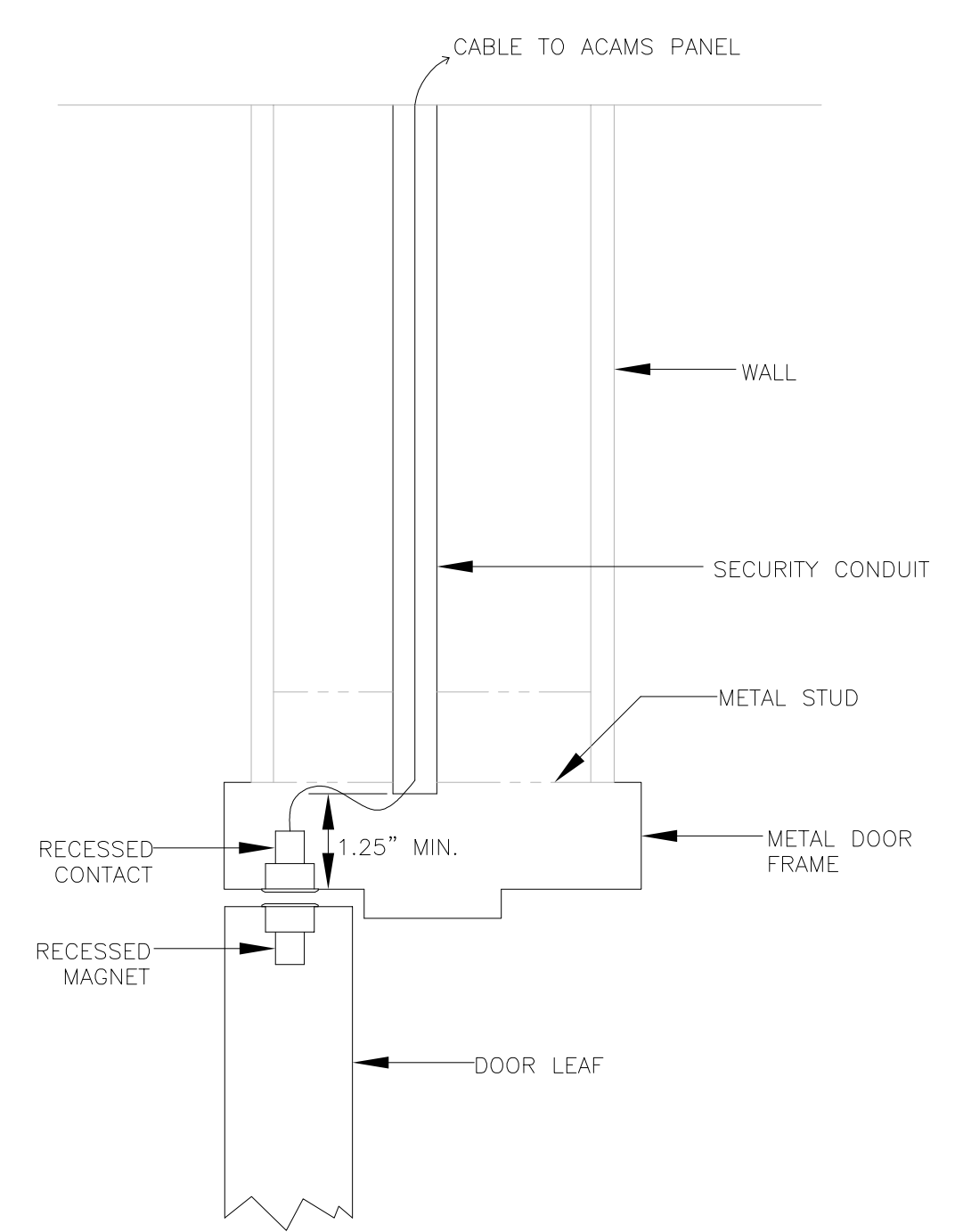
2 PS-873-ADA
 SCALE: N.T.S.



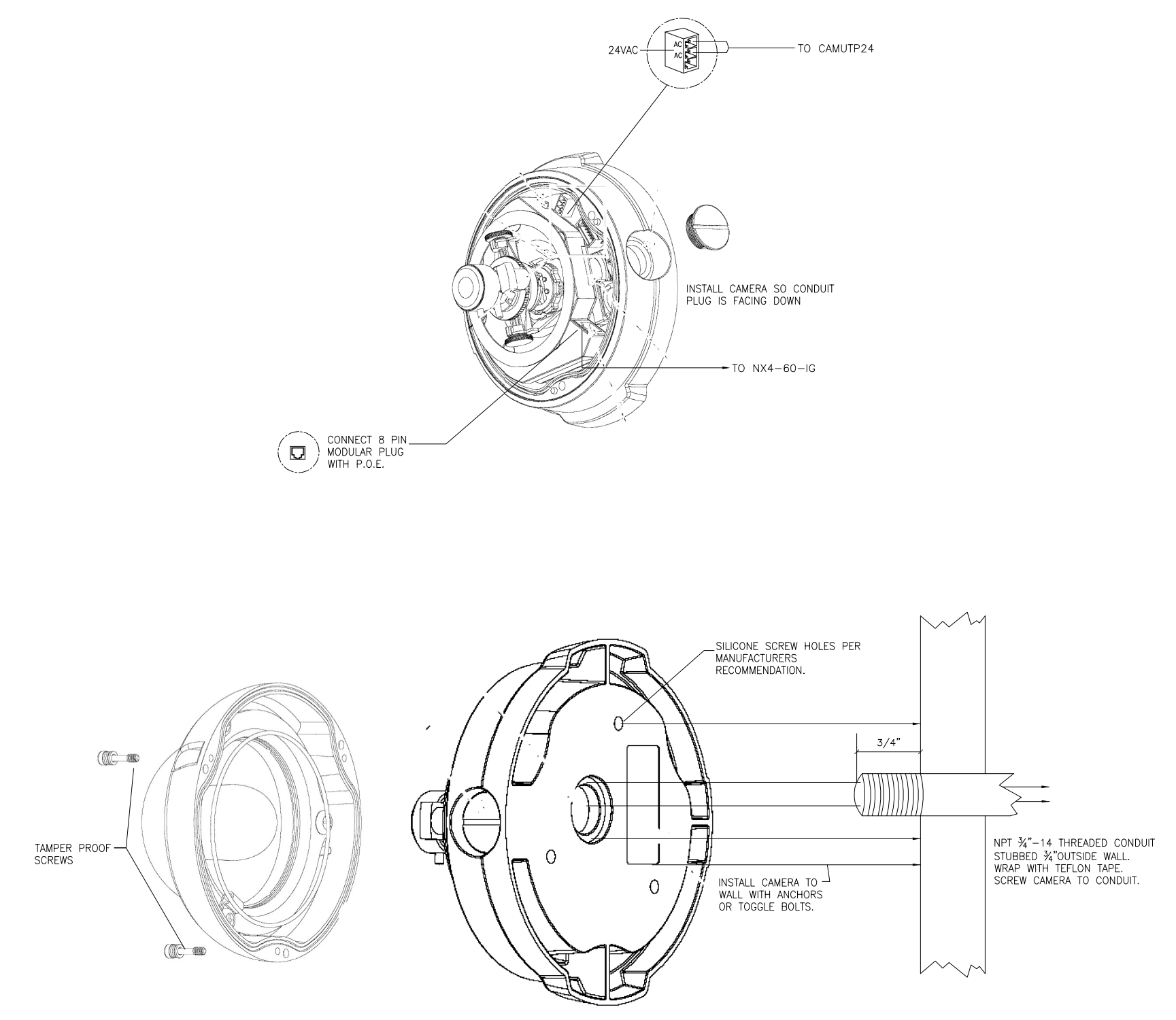
3 GLASS BREAK DETECTOR
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4 WINDOW CONTACT
 SCALE: N.T.S.



5 RECESSED DOOR CONTACT
 SCALE: N.T.S.



6 EXTERIOR WALL MOUNT CAMERA
 SCALE: N.T.S.