

# CAÑADA COLLEGE BUILDING # 8 PHASE II RENOVATION PROJECT 4200 Farm Hill Blvd. Redwood City, CA 94061

**SECURITY AS-BUILT DRAWINGS  
CANADA COLLEGE BLDG. #8**

SECURITY SYMBOLS	CONVENTIONS	SECURITY GENERAL NOTES	DRAWING INDEX														
<p><b>SECURITY SYMBOLS</b></p> <ul style="list-style-type: none"> <li> WALL MOUNTED ACCESS CONTROL CARD READER WITH KEYPAD</li> <li> WALL MOUNTED ACCESS CONTROL CARD READER</li> <li> WALL MOUNTED KEYPAD</li> <li> WALL MOUNTED MOTION DETECTION SENSOR</li> <li> DOOR POSITION SWITCH/CONTACT</li> <li> ELECTRIC STRIKE DOOR LOCKS</li> <li> MAGNETIC DOOR LOCKS</li> <li> J-BOX CONTAINING POWER SUPPLY FOR DOOR HARDWARE.</li> <li> REQUEST TO EXIT DEVICE</li> <li> SECURITY CONTROL PANEL</li> <li> DIGITAL VIDEO RECORDER</li> <li> CEILING MOUNTED GLASS BREAK SENSOR</li> <li> SECURITY SYSTEM CEILING MOUNTED MOTION DETECTOR</li> <li> SECURITY SYSTEM WALL MOUNTED MOTION DETECTOR</li> <li> PANIC BUTTON LOCATION, INSTALL AT +42"</li> <li> HANDICAP DOOR OPERATOR INTERFACE</li> <li> CCTV CAMERA</li> </ul> <p>Z = ZOOM LENS P = PAN / TILT W = WEATHERPROOF ENCLOSURE H = HOUSING AND LENS HEATER REQUIRED A = WIDE ANGLE LENS F = FIXED FOCUS LENS</p>	<p><b>CONVENTIONS</b></p> <ul style="list-style-type: none"> <li> ELECTRICAL SHEET NOTE</li> <li> 120VAC POWER CIRCUIT/CONDUIT ID</li> <li> NUMBERED SHEET NOTE (APPLIES TO DRAWING CONTAINING NOTES ONLY).</li> <li> EQUIPMENT IDENTIFICATION TAG.</li> <li> NUMBERED SHEET NOTE (APPLIES TO ALL DRAWINGS).</li> </ul> <p> DETAIL OR ENLARGED PLAN REFERENCE SHEET NUMBER (T=TELECOM SY=SECURITY) DETAIL DESIGNATION</p> <p> ELEVATION REFERENCE SHEET NUMBER (T=TELECOM SY=SECURITY) DETAIL DESIGNATION</p> <p> SECURITY DEVICE ID REFERENCE DEVICE NUMBER DEVICE TYPE</p> <p>A = ALARM INPUT R = RELAY OUTPUT AS = AID STATION K = CCTV CAMERA</p>	<p><b>SECURITY GENERAL NOTES</b></p> <ol style="list-style-type: none"> <li>1. REFER TO WRITTEN SPECIFICATIONS FOR PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECS, AND INSTALLATION REQUIREMENTS.</li> <li>2. DRAWINGS INDICATE APPROXIMATE DEVICE LOCATIONS FOR CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL DRAWINGS, ELEVATIONS AND DETAILS, REFLECTED CEILING PLANS AND COORDINATE EXACT LOCATIONS WITH OWNER.</li> <li>3. MOUNTING HEIGHTS SHOWN ARE FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE. REFER TO ARCHITECTURAL DRAWINGS TO DETERMINE EXACT MOUNTING HEIGHT REQUIREMENTS AND PROVIDE SHOP DRAWINGS ENGINEERED DETAILS FOR APPROVAL.</li> <li>4. ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES AND BEAR THEIR LABEL, UON.</li> <li>5. REPORT TO THE ENGINEER ANY OBSERVATIONS OF CONDITIONS WHICH ARE DISCOVERED IN THE BUILDING WHICH WOULD PREVENT THE CORRECT INSTALLATION OF THE DESIGNED SYSTEM.</li> <li>6. CONDUIT ROUTING (WHERE SHOWN) IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE ENGINEERED SHOP DRAWINGS WITH PE APPROVAL.</li> <li>7. SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING.</li> <li>8. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS OF ALL MOUNTED DEVICES. DRAWINGS INDICATE APPROXIMATE LOCATIONS ONLY.</li> <li>9. PROVIDE NECESSARY EQUIPMENT AND/OR ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT.</li> <li>10. PROVIDE REQUIRED CONDUIT, BACK BOXES, JUNCTION BOXES, AND SECURITY EQUIPMENT ENCLOSURES, WHETHER ON DRAWINGS OR NOT, UON.</li> <li>11. 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.</li> <li>12. REFERENCE OTHER TRADE'S DRAWINGS AND SPECIFICATIONS (E.G., TELECOM) FOR ADDITIONAL INFORMATION AND COORDINATE REQUIREMENTS.</li> <li>13. PROVIDE APPROPRIATE NYLON PULL ROPE IN CONDUITS. PROVIDE ANOTHER PULL ROPE AT TIME OF CABLE INSTALLATION FOR FUTURE USE.</li> <li>14. PROVIDE CONDUIT PLUGS IN ALL OSP SECURITY CONDUITS ACCORDING TO THE CABLE USE AND USE BLANK PLUGS FOR UNUSED CONDUITS.</li> <li>15. MOUNT EQUIPMENT OR DEVICES, SUCH AS RUNWAY, CONDUITS, J-HANGER, AND PULL BOXES ACCORDING TO STATE AND LOCAL CODES FOR SEISMIC BRACING.</li> <li>16. 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.</li> <li>17. LABEL ALL SECURITY CONDUITS AT EACH END OF THE CONDUIT IDENTIFYING THE DESTINATION AND USE AS "SECURITY".</li> <li>18. PROVIDE EXPANSION/DEFLECTION FITTING FOR CONDUITS CROSSING EXPANSION JOINTS. SPECIFIC REQUIREMENTS SHALL BE MET FOR THE PEDESTRIAN BRIDGE.</li> <li>19. ALL FIXED CAMERA SHALL UTILIZE POE.</li> <li>20. ALL PTZ CAMERAS SHALL UTILIZE A COMMON POWER SUPPLY LOCATED ON 1ST FLOOR AT EACH RISER LOCATION.</li> <li>21. UNLESS OTHERWISE INDICATED, ALL CONDUIT IS IN SLAB.</li> <li>22. ALL CONDUIT CABLE, AND 120VAC POWER AND ITS ASSOCIATED UNLESS OTHERWISE INDICATED ALL CONDUIT SHALL BE RIGID GALVANIZED STEEL.</li> </ol>	<p><b>DRAWING INDEX</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DWG. No.</th> <th>TITLE DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>SEC.0.01</td> <td>SECURITY SYSTEM GENERAL NOTES, LEGEND, SYMBOLS, ABBREVIATIONS &amp; DRAWING INDEX</td> </tr> <tr> <td>SEC.2.01</td> <td>SECURITY SYSTEM FIRST FLOOR DEVICE LAYOUT PLAN</td> </tr> <tr> <td>SEC.2.02</td> <td>SECURITY SYSTEM SECOND FLOOR DEVICE LAYOUT PLAN</td> </tr> <tr> <td>SEC.3.01</td> <td>SECURITY SYSTEM POINT-TO-POINT WIRING DIAGRAM</td> </tr> <tr> <td>SEC.4.01</td> <td>SECURITY SYSTEM PANEL ELEVATION, ENLARGED MDF FLOOR PLAN &amp; CCTV BLOCK DIAGRAM</td> </tr> <tr> <td>SEC.5.01</td> <td>SECURITY SYSTEM DOOR DETAILS</td> </tr> </tbody> </table>	DWG. 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<b>POWER AND LIGHTING</b> ALL BY EC, UON																	
<ul style="list-style-type: none"> <li> DUPLEX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON.</li> <li> DUPLEX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON., CONNECTED TO EMERGENCY POWER SYSTEM.</li> <li> DOUBLE DUPLEX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON., CONNECTED TO NORMAL POWER SYSTEM.</li> <li> DOUBLE DUPLEX CONVENIENCE OUTLET, WALL MOUNTED, +18" UON., CONNECTED TO EMERGENCY POWER SYSTEM.</li> </ul>																	
<b>CONDUITS &amp; RACEWAYS</b> ALL BY EC, UON	<b>TELECOMMUNICATIONS</b> ALL BY EC, UON																
<ul style="list-style-type: none"> <li> CONDUIT RUN EXPOSED ON WALL OR CEILING.</li> <li> CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND.</li> <li> CONDUIT RUN CONCEALED IN WALL OR CEILING.</li> <li> CONDUIT HOMERUN, CONTINUOUS RUN TO PANEL OR EQUIPMENT CABINET.</li> <li> FLEXIBLE METALLIC CONDUIT.</li> <li> CONDUIT TURNED UP.</li> <li> CONDUIT TURNED DOWN.</li> <li> CABLE TRAY SUSPENDED FROM STRUCTURE ABOVE.</li> <li> CABLE RUNWAY SUSPENDED FROM STRUCTURE ABOVE.</li> <li> MAIN J-HANGER CABLE ROUTING PATHWAY.</li> <li> CONDUIT STUB THROUGH WALL OR FLOOR, NUMBERS INDICATE SIZE AND QUANTITY.</li> </ul>	<ul style="list-style-type: none"> <li> TELEPHONE OUTLET WITH 3/4" C. AND PULLSTRING TO ACCESSIBLE CEILING SPACE. INSTALL (1) CAT6 CABLE.</li> <li> 1-1/4" RACEWAY WITH SINGLE-GANG ADAPTER PLATE AND A/V CABLING.</li> <li> STANDARD COMMUNICATIONS OUTLET. INSTALL (3) CAT6 CABLES WITH 1" C. TO ACCESSIBLE CEILING SPACE.</li> <li> ALTERNATE COMMUNICATIONS OUTLET (X): A= ABOVE COUNTER WITH 1" C.; (3) CAT6 CABLES TO ACCESSIBLE CEILING SPACE. B= WITH 1" C.; (1) CAT6 AND (1) RG-6 COAX CABLES TO ACCESSIBLE CEILING SPACE. DOUBLE-GANG ADAPTER PLATE REQUIRED. C= FLUSH IN CEILING TILE WITH (2) CAT6 CABLES IN SINGLE GANG BOX. BOX MOUNTED TO TILE BRIDGE. T= TAMPER RESISTANT WITH 1" C.; (1) CAT6 CABLE TO ACCESSIBLE CEILING SPACE.</li> </ul>																

**ABBREVIATIONS**

A AMPERES	(N) NEW
ACAMS ACCESS CONTROL AND ALARM MONITORING SYSTEM	NC NORMALLY CLOSED
AFF ABOVE FINISHED FLOOR	NO NORMALLY OPEN
AWG AMERICAN WIRE GAUGE	NTS NOT TO SCALE
BAS BUILDING AUTOMATION SYSTEM	OC ON CENTER
C CONDUIT	OSP OUTSIDE PLANT
CAT3 CATEGORY 3 (UTP CABLE)	PB PULLBOX
CAT5 CATEGORY 5 (UTP CABLE)	PNL PANEL
CAT5E CATEGORY 5E (UTP CABLE)	POE POWER OVER ETHERNET
CAT6 CATEGORY 6 (UTP CABLE)	PR PAIR (OF COPPER CONDUCTORS)
CATV COMMUNITY ANTENNA TELEVISION	PVC POLYVINYL CHLORIDE
CEC CCTV EQUIPMENT CABINET	SAD SEE ARCHITECTURAL DRAWINGS
DIV DIVISION	SEC SECURITY EQUIPMENT CABINET
(E) EXISTING	SM SINGLEMODE
EC ELECTRICAL CONTRACTOR	ScTP SCREENED TWISTED PAIR
EMS ELECTRICAL MANAGEMENT SYSTEM	STR STRANDS (OF FIBER)
EMT ELECTRIC METALLIC TUBING	STP SHIELDED TWISTED PAIR
(F) FUTURE	TBB TELECOM BONDING BACKBONE
FO FIBER OPTIC	TBC TELECOM BONDING CONDUCTOR
GC GENERAL CONTRACTOR	TGB TELECOM GROUNDING BUSBAR
IDF INTERMEDIATE DISTRIBUTION FACILITY	TMGB TELECOM MAIN GROUNDING BUSBAR
JB JUNCTION BOX	TYP TYPICAL
LCP LIGHTING CONTROL PANEL	UON UNLESS OTHERWISE NOTED
MDF MAIN DISTRIBUTION FACILITY	UPS UNINTERRUPTIBLE POWER SUPPLY
MH MAINTENANCE HOLE	UTP UNSHIELDED TWISTED PAIR
MM MULTIMODE	V VOLTS
MPOE MINIMUM POINT OF ENTRY	VS VIDEO SERVER
MT EMPTY	WP WEATHERPROOF

ISSUANCE:

**AS-BUILT DRAWINGS**

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REVISIONS		
NO.	DATE	DESCRIPTION
1	3/19/09	REVISE FOR AS BUILTS-ML

PROJECT:  
CAÑADA COLLEGE  
BUILDING # 8 PHASE 2  
RENOVATION PROJECT  
4200 FARM HILL BLVD.  
REDWOOD CITY, CA 94061

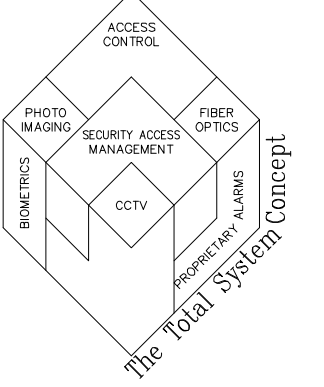
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SECURITY SYSTEM  
LEGENDS, SYMBOLS,  
GENERAL NOTES, ABBREV.  
AND DRAWING INDEX

DATE:	8/25/08
DRAWN BY:	BCHUA
CHECKED BY:	JLAMANTIA
SCALE:	NONE
JOB NO.:	T09802306F25

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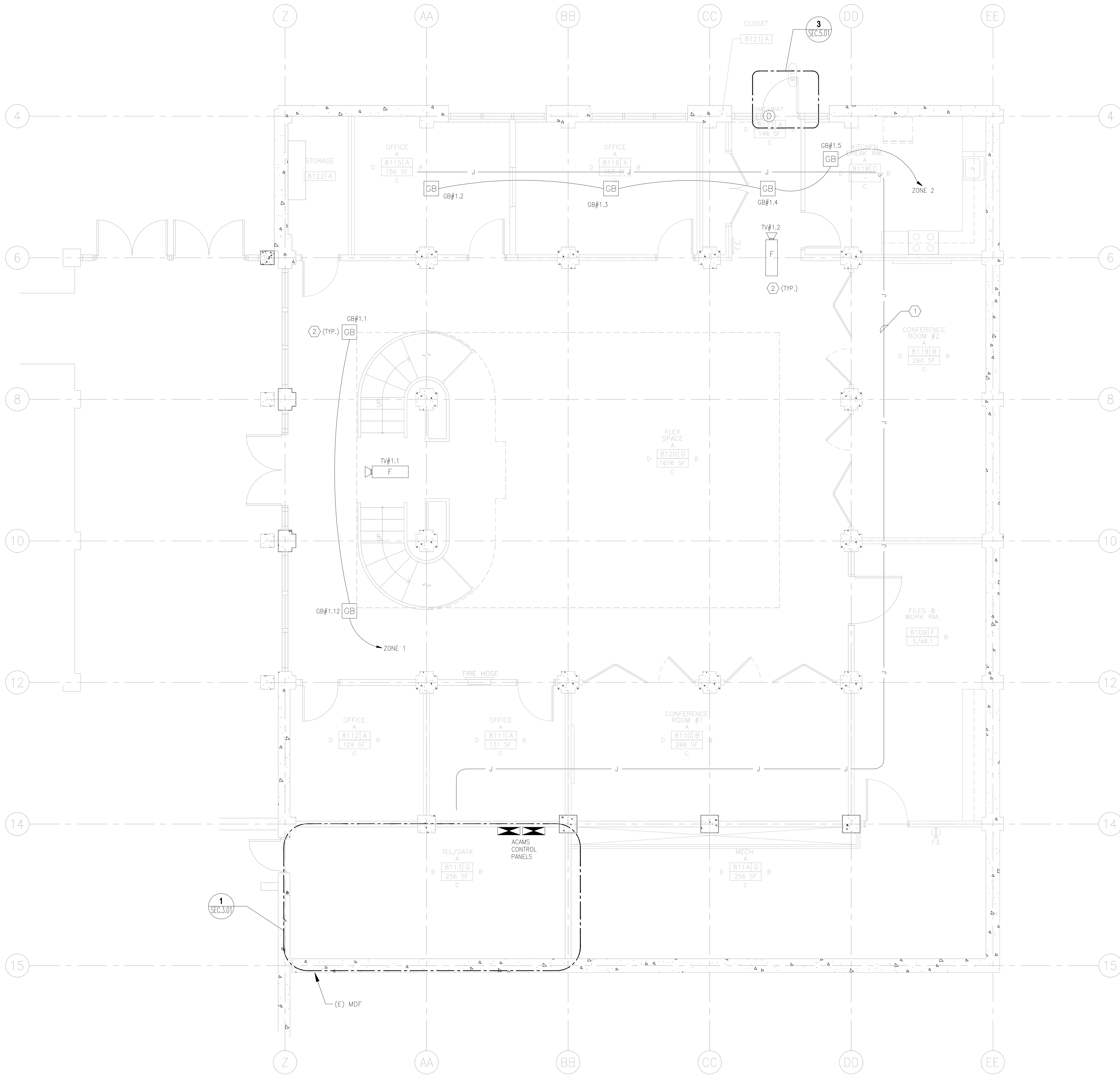
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SHEET 1 OF 6

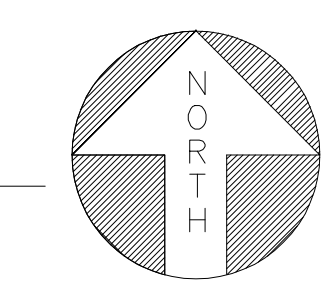


**SHEET KEYNOTES:**

- ① ROUTED ALL DATA, INTRUSION, ACCESS CONTROL, AND CCTV CABLE IN J-HOOK SYSTEM. ROUTED CABLES TO APPROPRIATE HEAD END EQUIPMENT DEVICES IN MDF.
- ② ROUTED ALL CABLES ASSOCIATED WITH CAMERAS, GLASS BREAK, CARD READERS, DOOR CONTACTS, ELECTRONIC DOOR LATCHES, AND REX DEVICES TO ACAMS PANELS IN MDF.



**1** FIRST FLOOR DEVICE LAYOUT PLAN  
SCALE: 1/4"=1'-0"



**SECURITY AS-BUILT DRAWINGS  
CANADA COLLEGE BLDG. #8**

ISSUANCE:  
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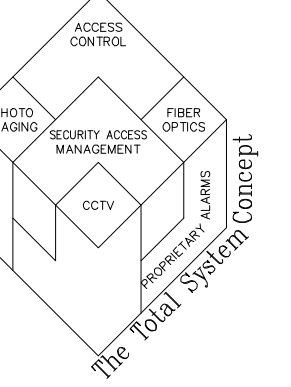
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SHEET TITLE:  
SECURITY SYSTEM  
1ST FLOOR  
DEVICE LAYOUT PLAN

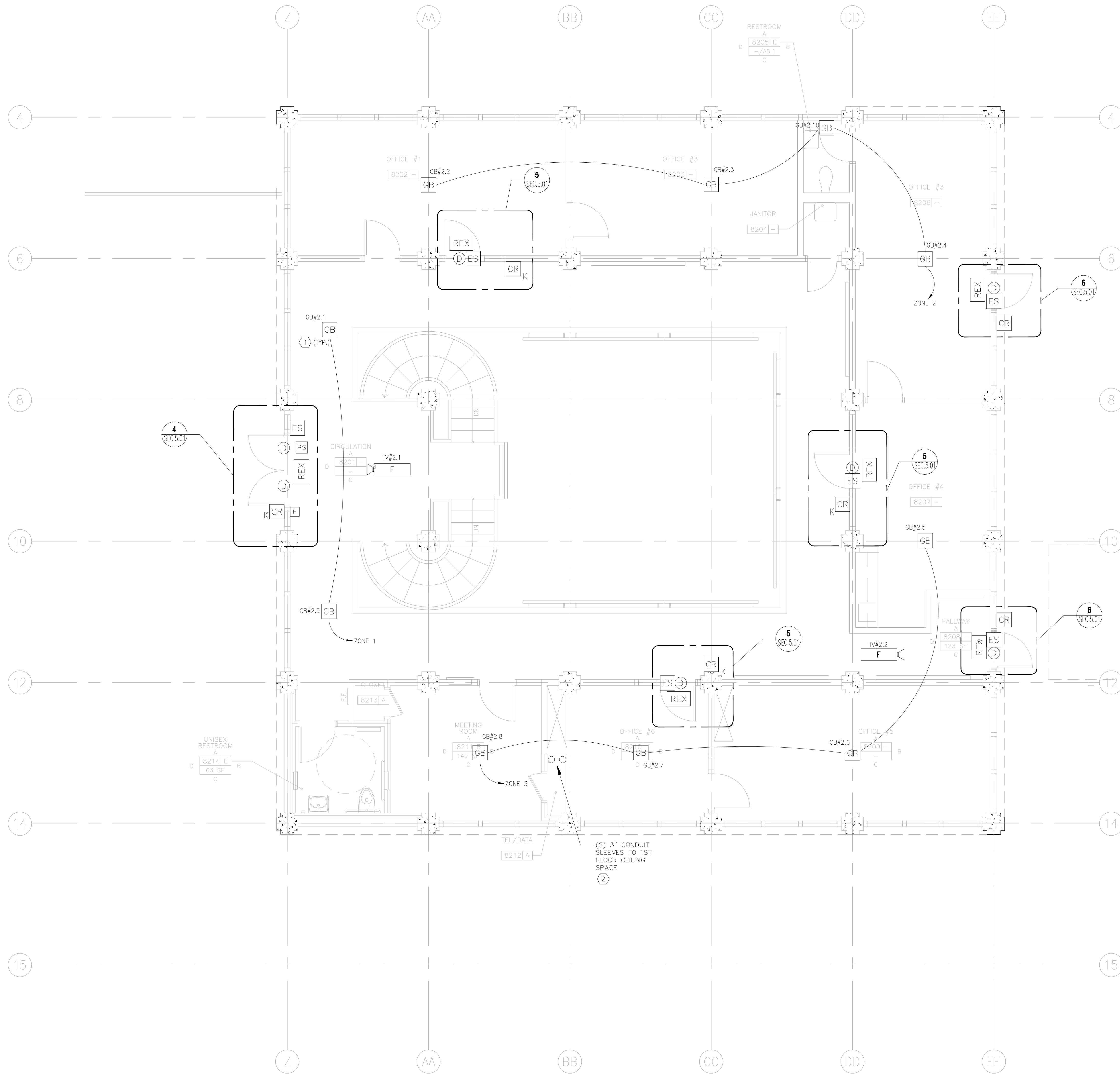
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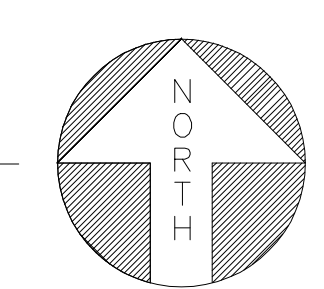


**SHEET KEYNOTES:**

- ① ROUTED ALL DATA, INTRUSION, ACCESS CONTROL, AND CCTV CABLE IN J-HOOK SYSTEM. ROUTED CABLES TO APPROPRIATE HEAD END EQUIPMENT DEVICES IN MDF.
- ② ROUTED ALL CABLES ASSOCIATED WITH CAMERAS, GLASS BREAK, CARD READERS, DOOR CONTACTS, ELECTRONIC DOOR LATCHES, AND REX DEVICES TO ACAMS PANELS IN MDF.



**1 SECOND FLOOR DEVICE LAYOUT PLAN**  
SCALE: 1/4"=1'-0"



**SECURITY AS-BUILT DRAWINGS  
CANADA COLLEGE BLDG. #8**

ISSUANCE:  
**AS-BUILT DRAWINGS**

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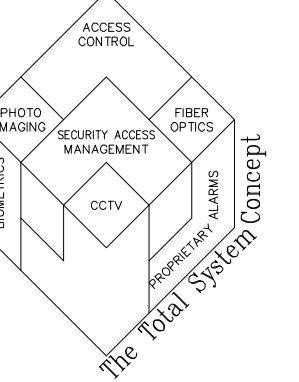
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NO.	DATE	DESCRIPTION
1	3/19/09	REVISE FOR AS-BUILTS-ML

PROJECT:  
CANADA COLLEGE  
BUILDING # 8 PHASE 2  
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4200 FARM HILL BLVD.  
REDWOOD CITY, CA 94061

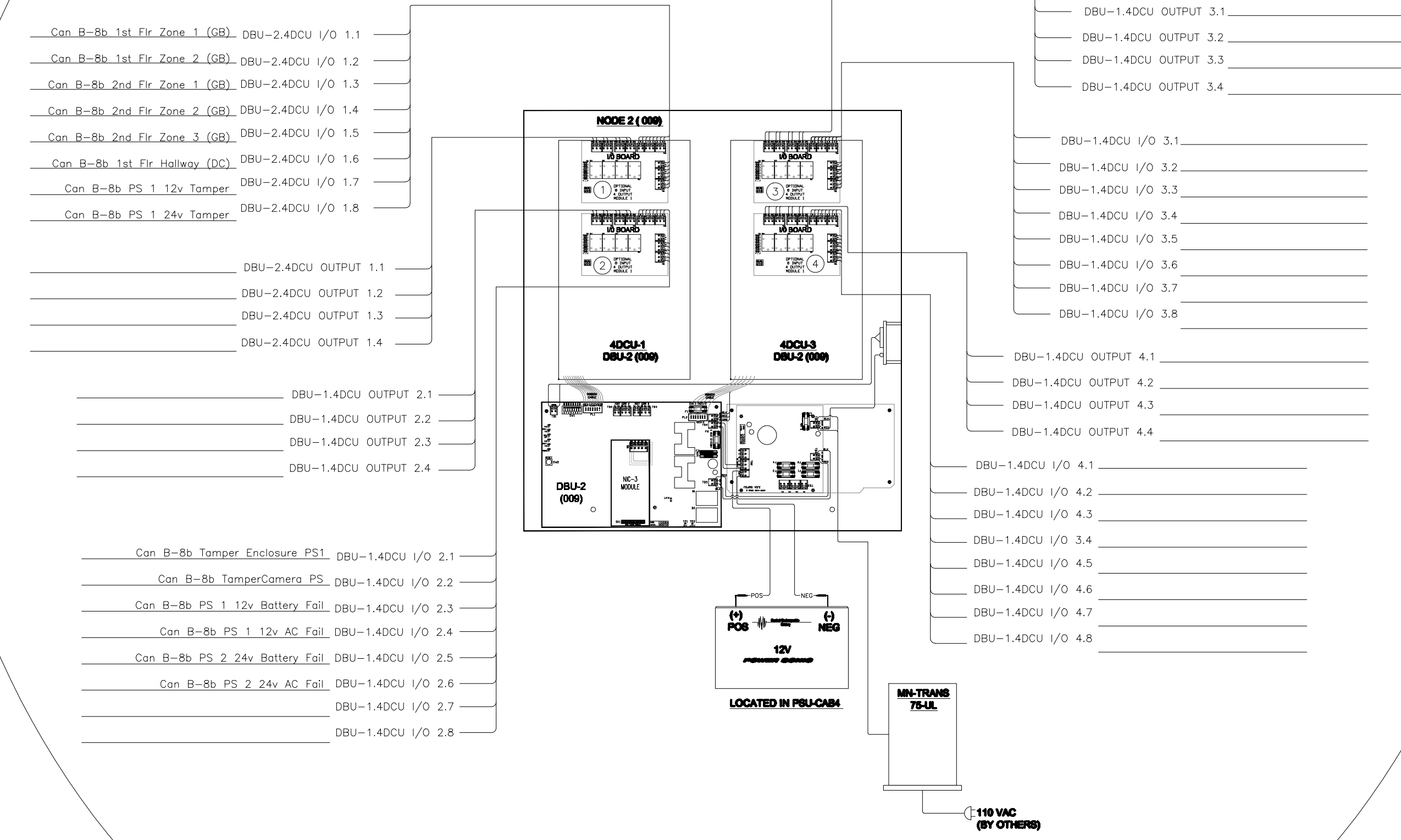
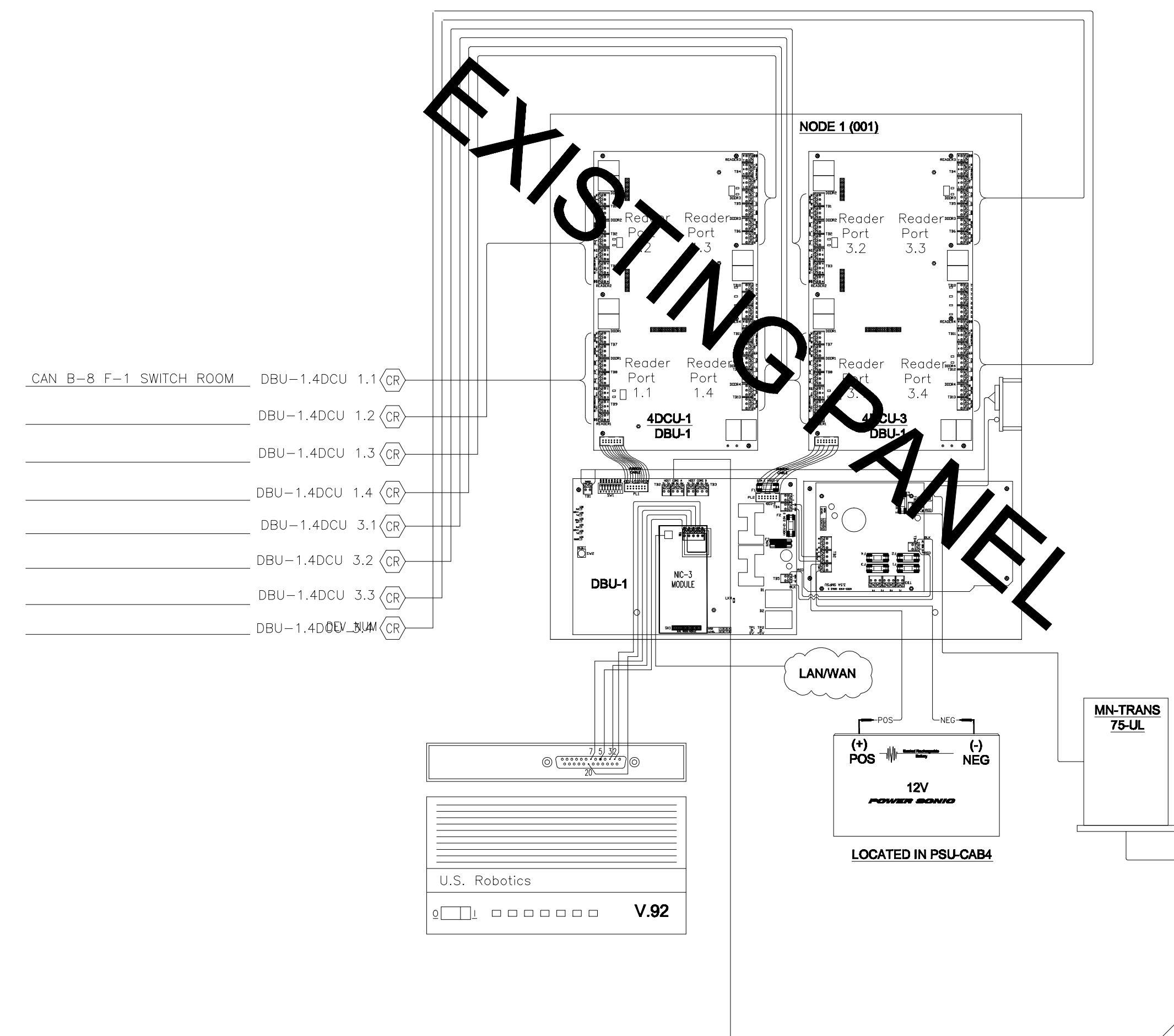
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SECURITY SYSTEM  
2ND FLOOR  
DEVICE LAYOUT PLAN

DATE: 8/25/08  
DRAWN BY: BCHUA  
CHECKED BY: JLAMANTIA  
SCALE: AS NOTED  
JOB NO.: T09902306F25

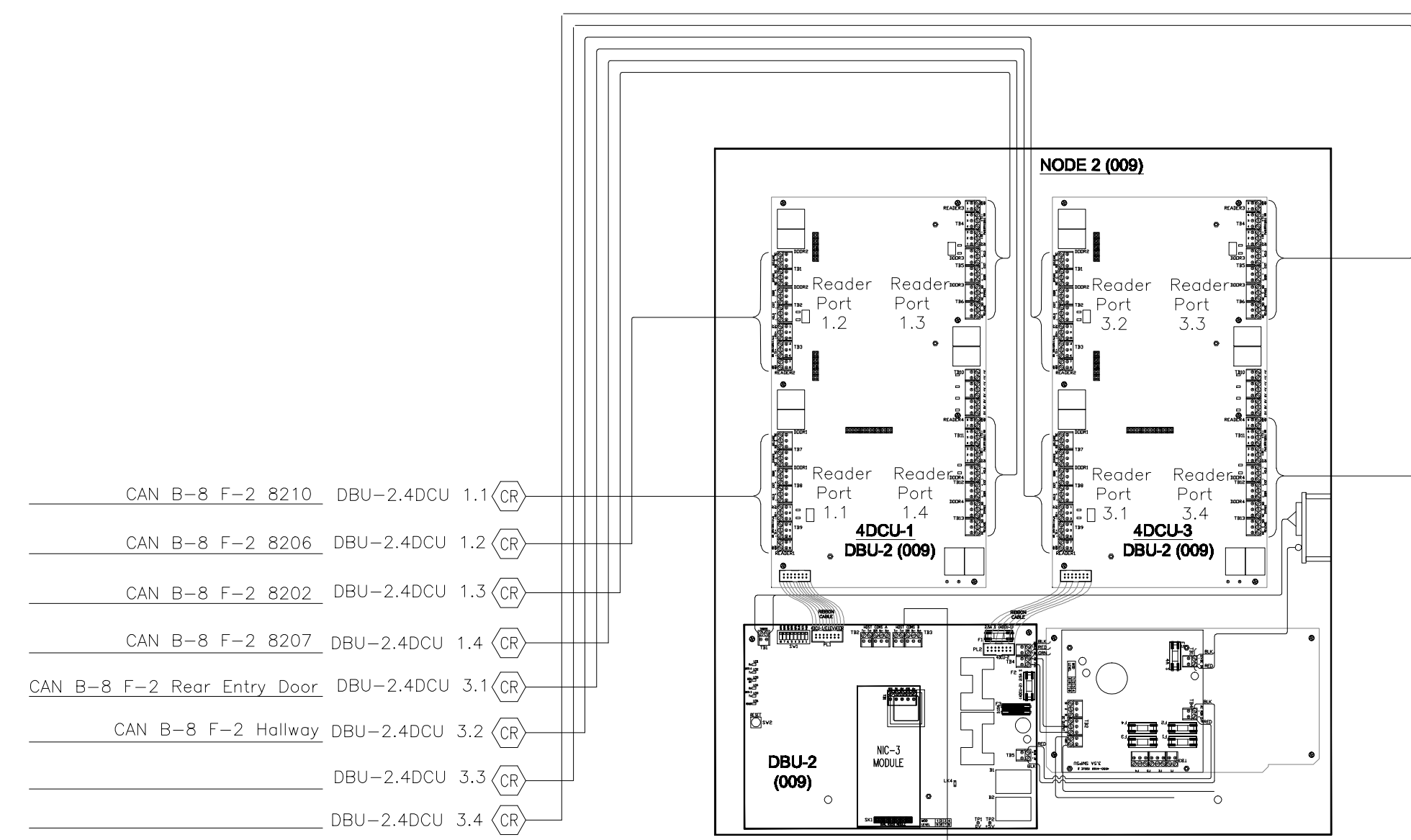
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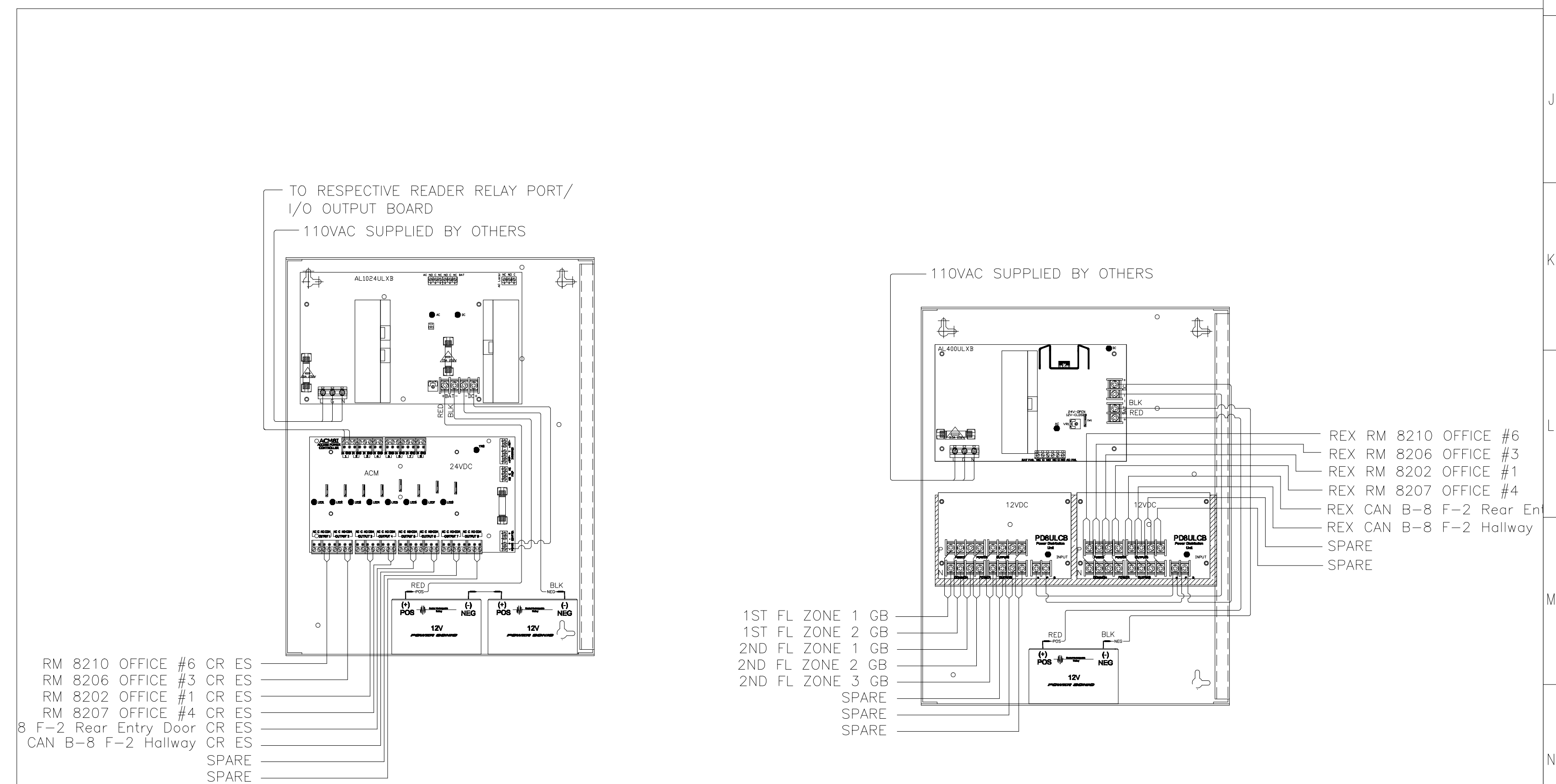
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CANADA COLLEGE BLDG. #8**



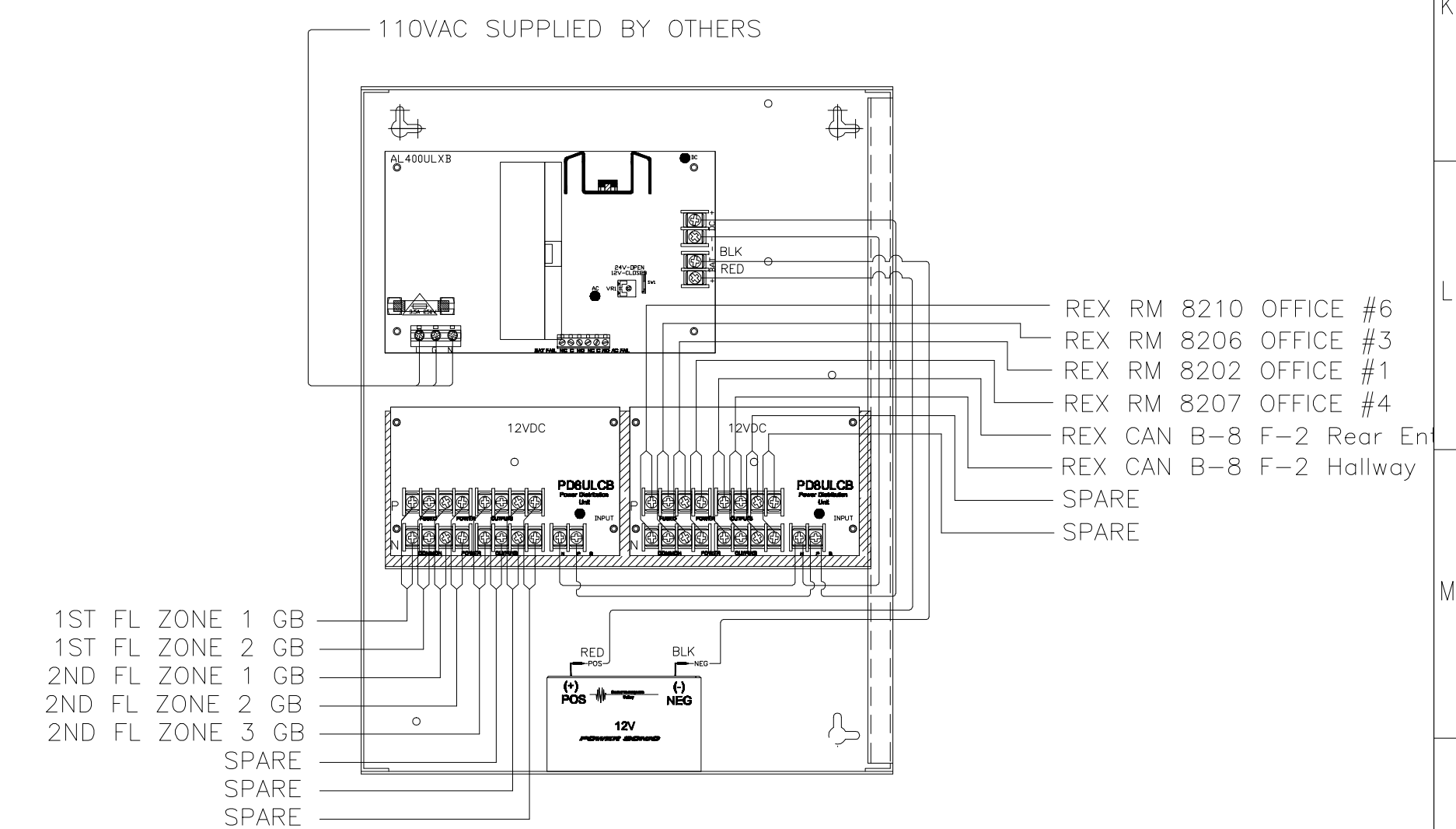
**1A** INPUTS & OUTPUTS POINT-TO-POINT  
SCALE: NTS



**1** READER PORT CONFIG. POINT-TO-POINT  
SCALE: NTS



**2** SECURITY SYSYTEM PS1 24V for LOCKS  
SCALE: NTS



**3** SECURITY SYSYTEM PS1 12V for REX & GB  
SCALE: NTS

ISSUANCE:  
**AS-BUILT DRAWINGS**

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REVISIONS

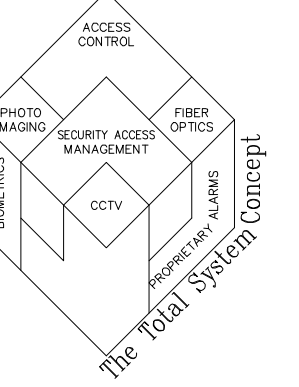
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4200 FARM HILL BLVD.  
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SHEET TITLE:  
SECURITY SYSTEM  
POINT-TO-POINT  
WIRING DIAGRAM

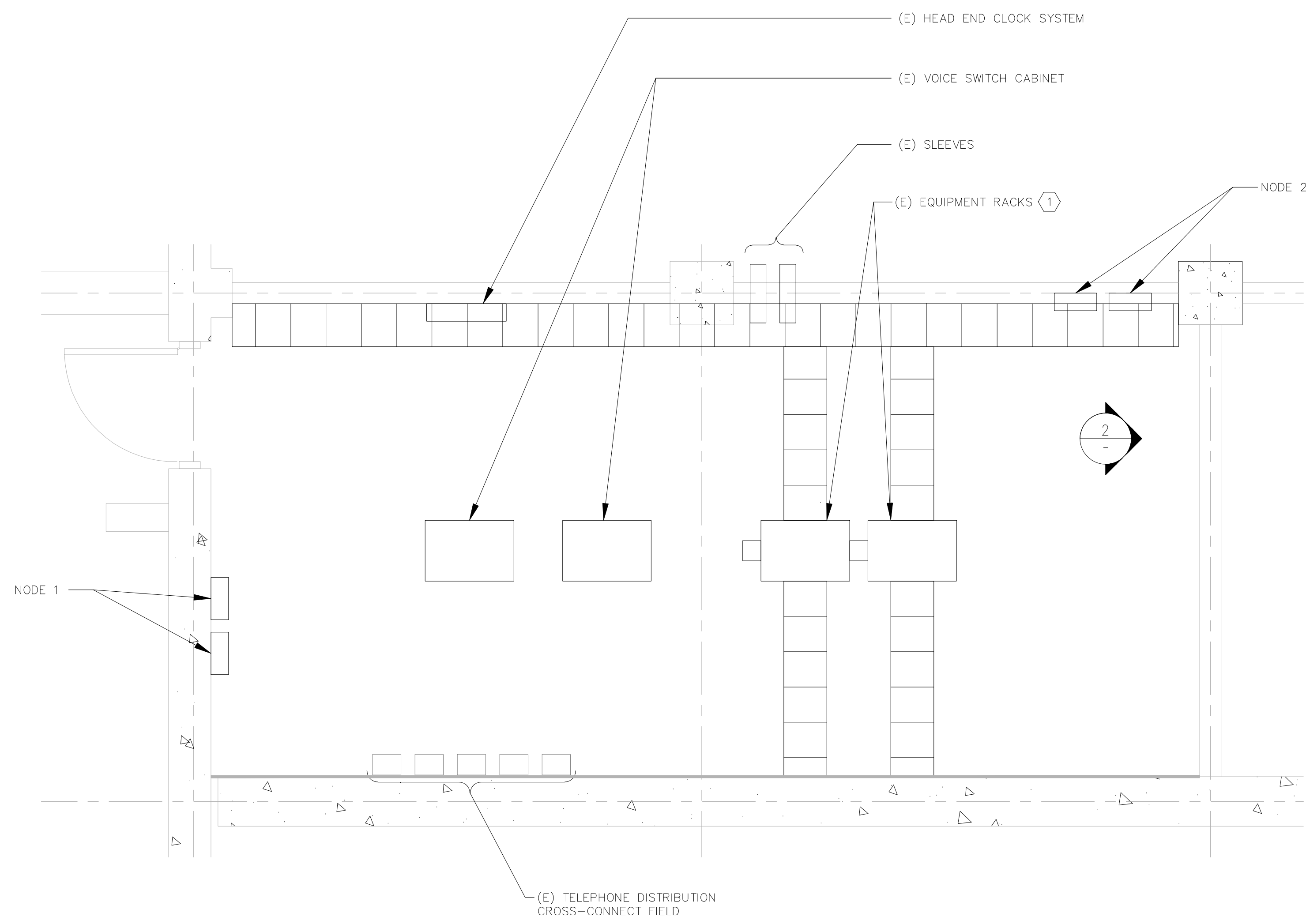
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SCALE: AS NOTED  
JOB NO.: T09802306F25

SHEET NUMBER  
**SEC.3.01**

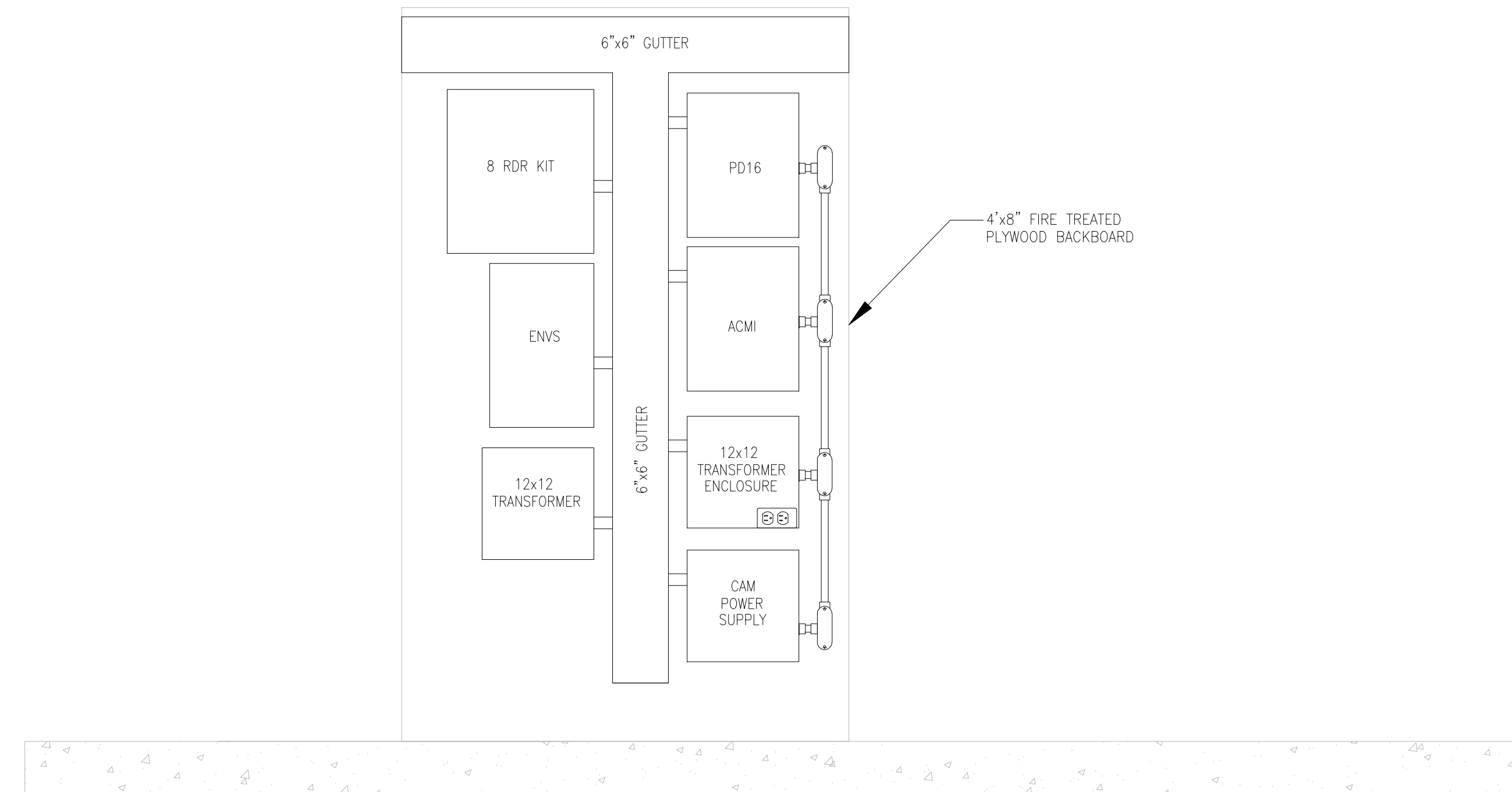
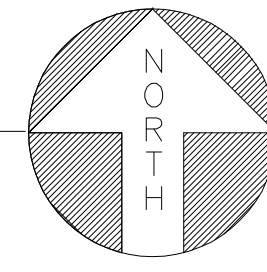


**SHEET KEYNOTES:**

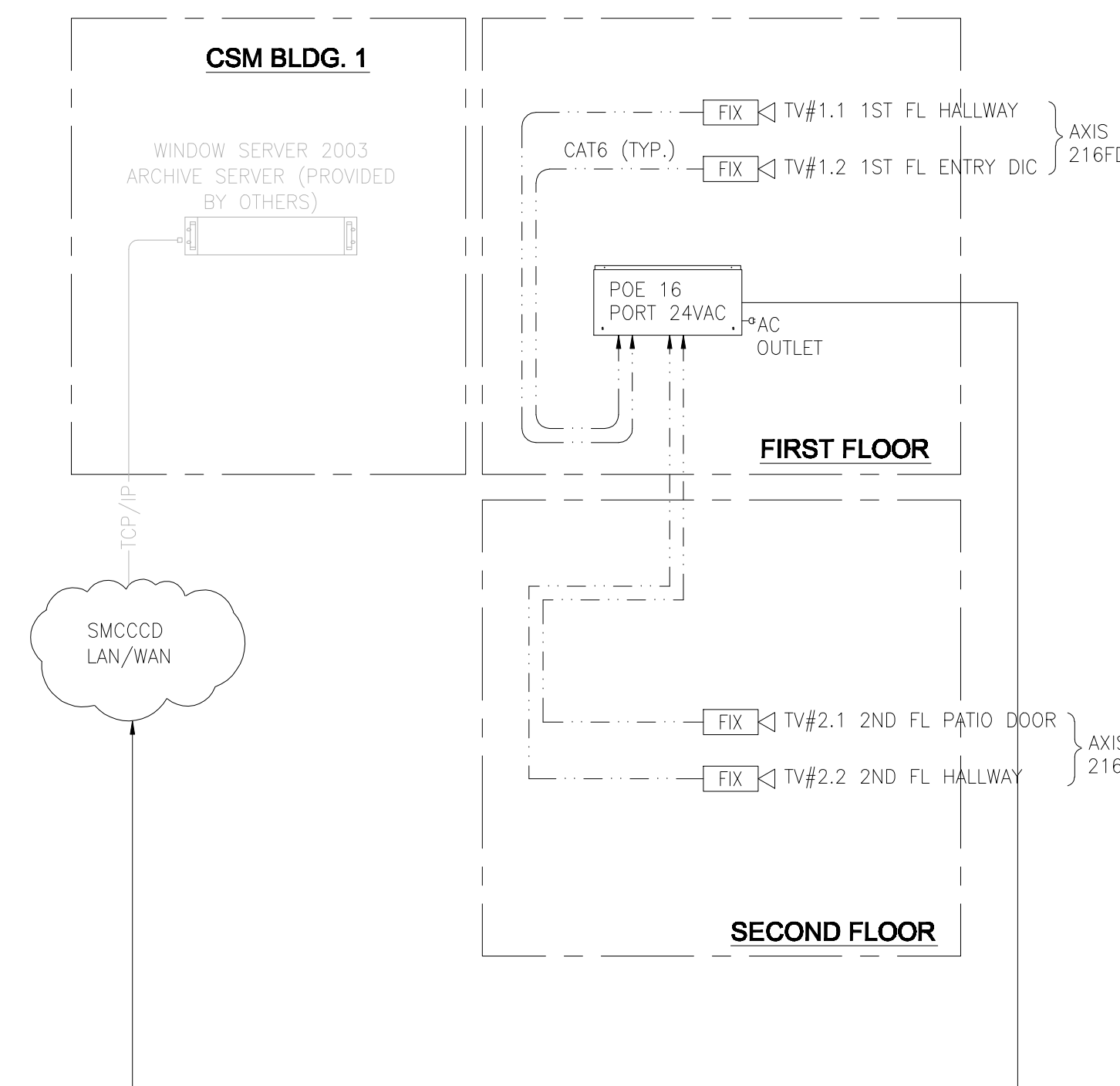
- ① PROVIDED NEW RACK MOUNTED MODULAR PATCH PANELS IN SPACES WHERE OLD PANELS WERE REMOVED. COORDINATED EXACT LOCATION WITH OWNER.



**1 SECURITY SYSTEM ENLARGED MDF FLOOR PLAN**  
SCALE: 1/2"=1'-0"



**2 SECURITY SYSTEM PANEL ELEVATION**  
SCALE: 1"=1'-0"



**3 SECURITY SYSTEM PANEL ELEVATION**  
SCALE: 1"=1'-0"

**CCTV BLOCK DIAGRAM NOTES:**

- 1. ACAMS BLOCK DIAGRAM DOES NOT INCLUDE ALL DEVICE LOCATIONS, AND RATHER ILLUSTRATES TYPICAL CONNECTIONS. REFER TO FLOOR PLANS FOR QUANTITIES AND CONNECT TO ACAMS EQUIPMENT HUB PROVIDED UNDER SECTION 13710.
- 2. CCTV AND DIGITAL RECORDING SYSTEM IS CABLED AND POWERED BY THE ACAMS SYSTEM. PROVIDE A FULLY FUNCTIONING SYSTEM AND CONNECT DVR TO THE DISTRICT LAN/WAN FOR REMOTE MONITORING WITH SUPPORT AND COORDINATION FROM THE IT DEPARTMENT.

**SECURITY AS-BUILT DRAWINGS  
CANADA COLLEGE BLDG. #8**

ISSUANCE:  
**AS-BUILT DRAWINGS**

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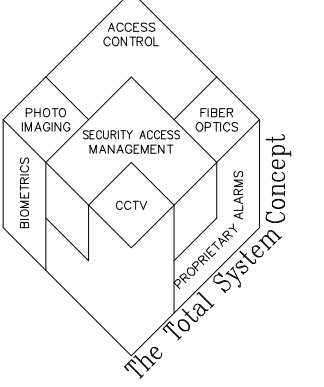
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NO.	DATE	DESCRIPTION
1	3/19/09	REVISE FOR AS-BUILTS-ML

PROJECT:  
CANADA COLLEGE  
BUILDING # 8 PHASE 2  
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4200 FARM HILL BLVD.  
REDWOOD CITY, CA 94061

SHEET TITLE:  
SECURITY SYSTEM  
PANEL ELEVATION,  
ENLARGED MDF FLOOR PLAN  
& CCTV BLOCK DIAGRAM

DATE: 8/25/08  
DRAWN BY: BCHUIA  
CHECKED BY: JLAMANTIA  
SCALE: AS NOTED  
JOB NO.: T09902306F25

SHEET NUMBER  
**SEC.4.01**

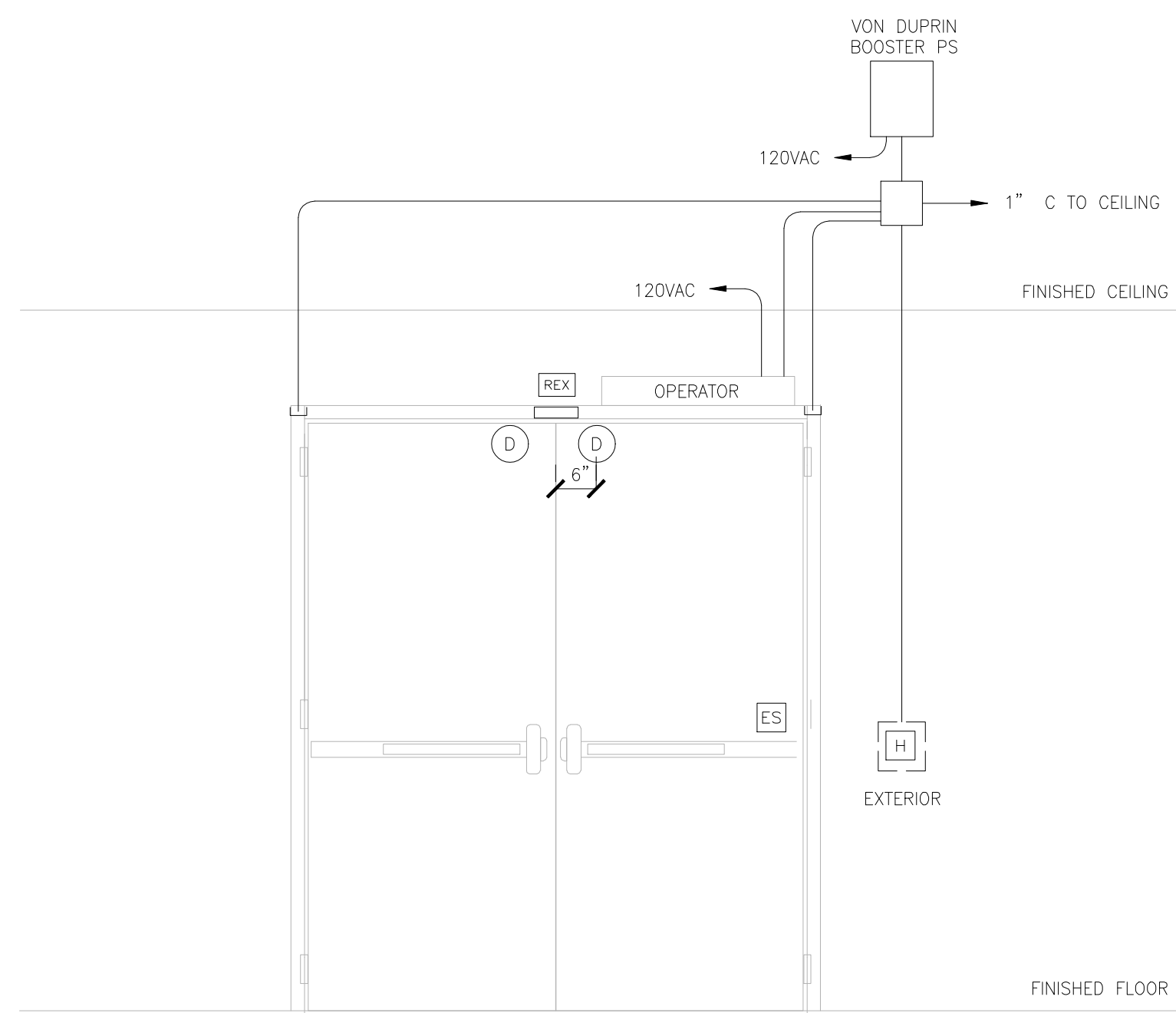


**DOOR DETAIL NOTES:**

- SECURITY DOOR DETAILS DO NOT ACCOUNT FOR ITEMS SUCH AS TRANSOMS OR THE ABSENCE OF ACCESSIBLE CEILING ABOVE DOORS. THOROUGHLY REVIEW DOOR SCHEDULE, DOOR TYPES, AND HARDWARE SCHEDULE PRIOR TO PATHWAYS ROUGH-IN TO SECURITY DOOR FURNITURE AS SHOWN.
- ALL DEVICE CABLE ROUTED TO SECURITY EQUIPMENT HUB(S) SPLICE FREE.
- INSTALLED 1/2" C BETWEEN JUNCTION BOXES AND DEVICES.
- VIEW OF DOORS ALWAYS FROM THE PROTECTED SIDE, UNON.
- JUNCTION BOXES ARE 4" SQ. X 2-1/8" D, UNON.
- DASHED SYMBOLS INDICATE DEVICES ON THE OPPOSITE SIDE OF THE WALL.
- ALL CONTACTS ARE RECESS MOUNTED DOUBLE POLE DOUBLE THROW. CONNECTED ACCORDING TO DOOR SEQUENCE OF OPERATIONS.
- FLUSH MOUNTED JUNCTION BOXES INSTALLED BELOW THE CEILING LINE.
- CONCEAL CONDUIT MOUNTED BELOW THE CEILING LINE IN THE WALLS.
- CONDUIT AND JUNCTION BOXES ARE NEW, UNON.
- INSTALLED REQUEST TO EXIT DEVICES ON PROTECTED SIDE OF DOOR UNON.
- FIRE RATED DOORS AND FRAMES ARE FACTORY FABRICATED FOR SECURITY DEVICES INCLUDING LOCK WIRE PATHWAY, 1" DOOR CONTACTS, AND ACCESS HOLE BEHIND ELECTRIC TRANSFER HINGE. COORDINATE LOCATIONS AND SIZES WITH DEVICE MANUFACTURERS INSTALLATION TEMPLATES.
- LOCATED ALL JUNCTION BOXES AND LOCAL POWER SUPPLIES ABOVE ACCESSIBLE CEILING GRID ON SECURE SIDE OF PROTECTED DOOR.

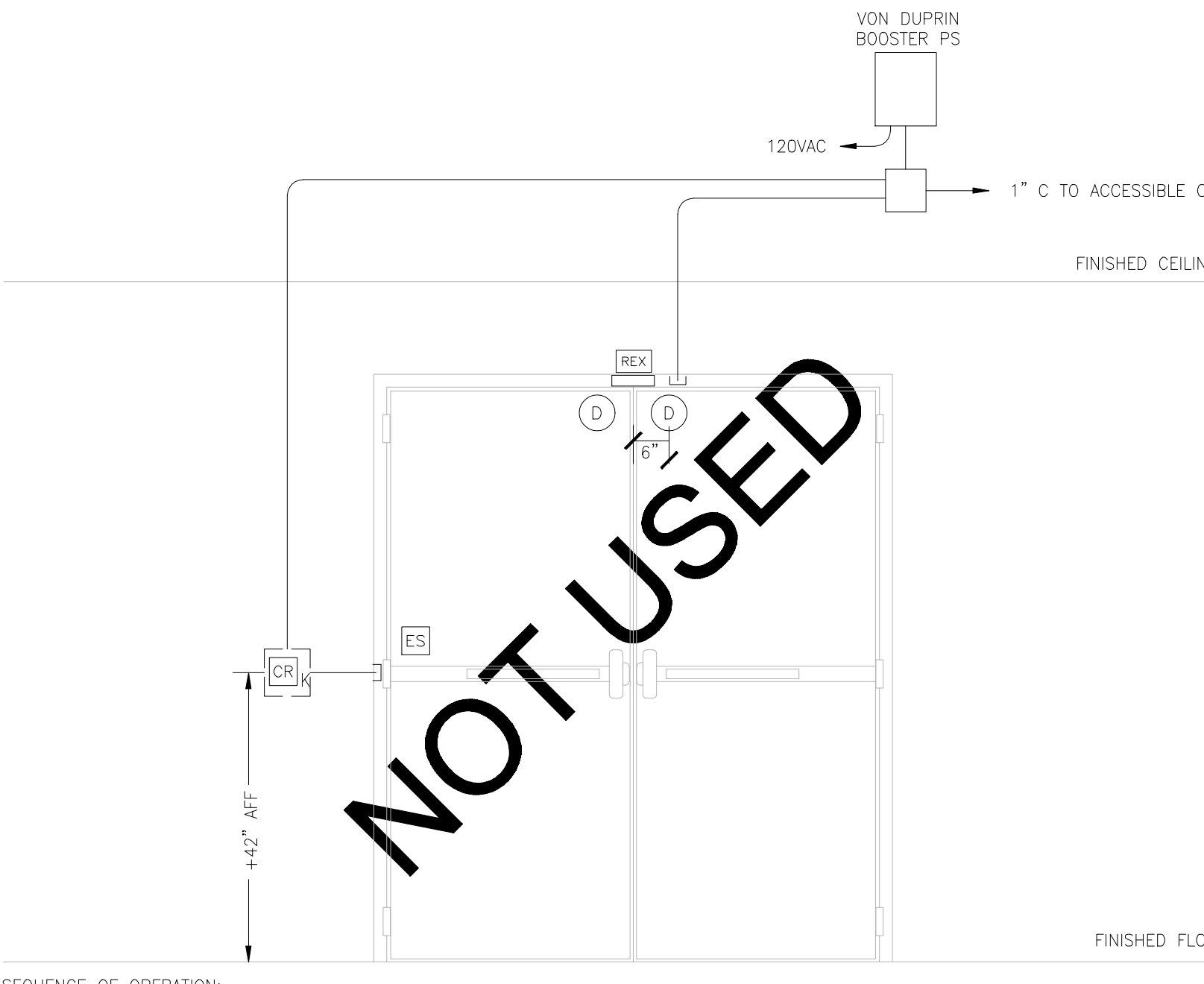
NOT USED

**1 CARD READER PAIR ADA ENTRANCE W / PS**  
SCALE: N.T.S.



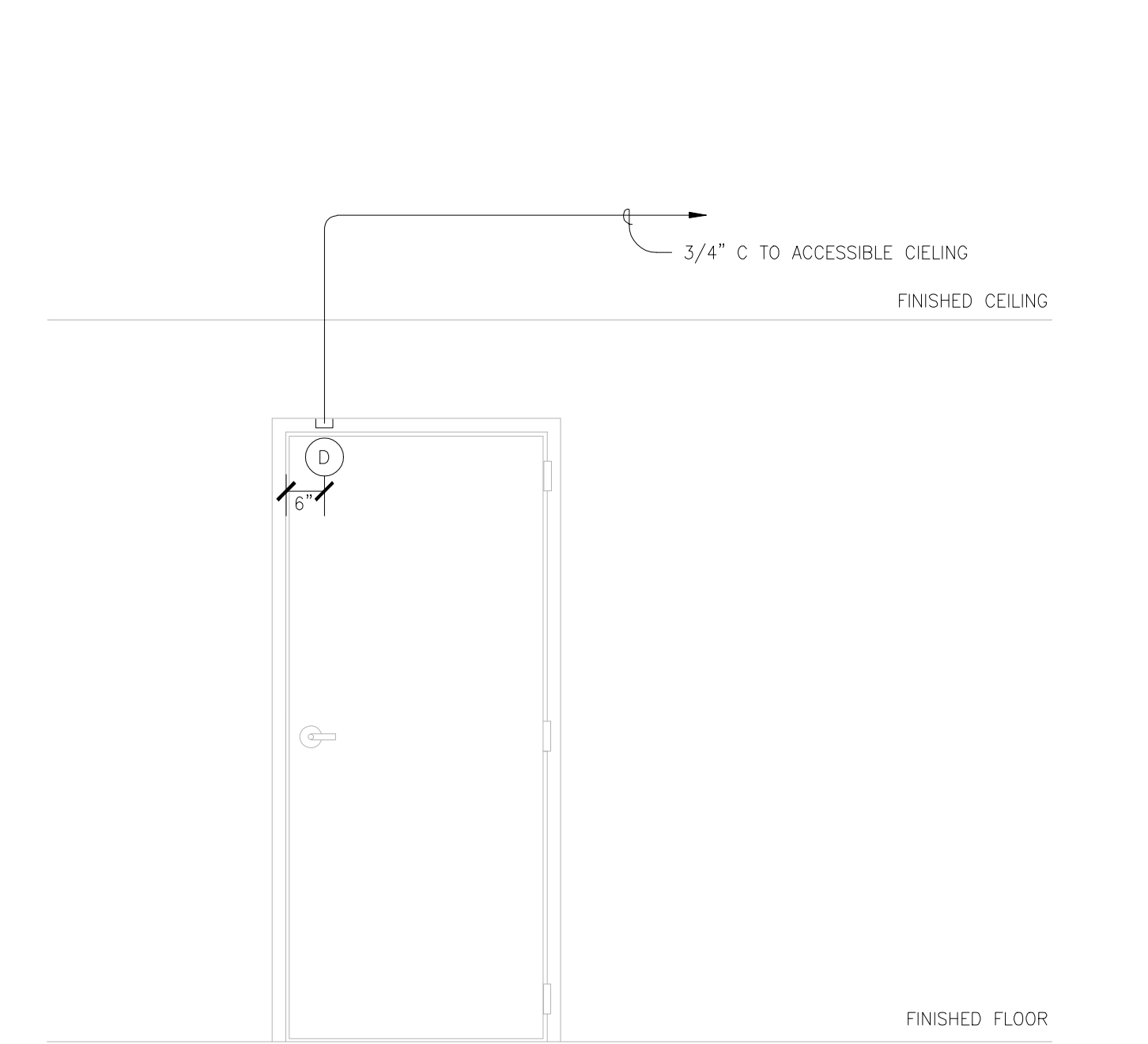
SEQUENCE OF OPERATION:  
 - BOTH LEAFS ARE SCHEDULED UNLOCKED DURING CLASS HOURS, ALARM MONITORING IS BYPASSED.  
 - AFTER HOURS DOOR IS SCHEDULED LOCKED AND A VALID CARD IS REQUIRED FOR ACCESS AND ALARM BYPASS.  
 - REQUEST TO EXIT MOTION DETECTOR BYPASSES ALARM ONLY ON EXIT.  
 - EXTERIOR ADA ACTUATOR IS INTERLOCKED WITH DOOR LOCKS AND DISABLED WHEN LOCKED.  
 - REFER TO WIRING SCHEMATIC FOR INTEGRATION TO OPERATOR.

**2 CARD READER PAIR W / PS**  
SCALE: N.T.S.



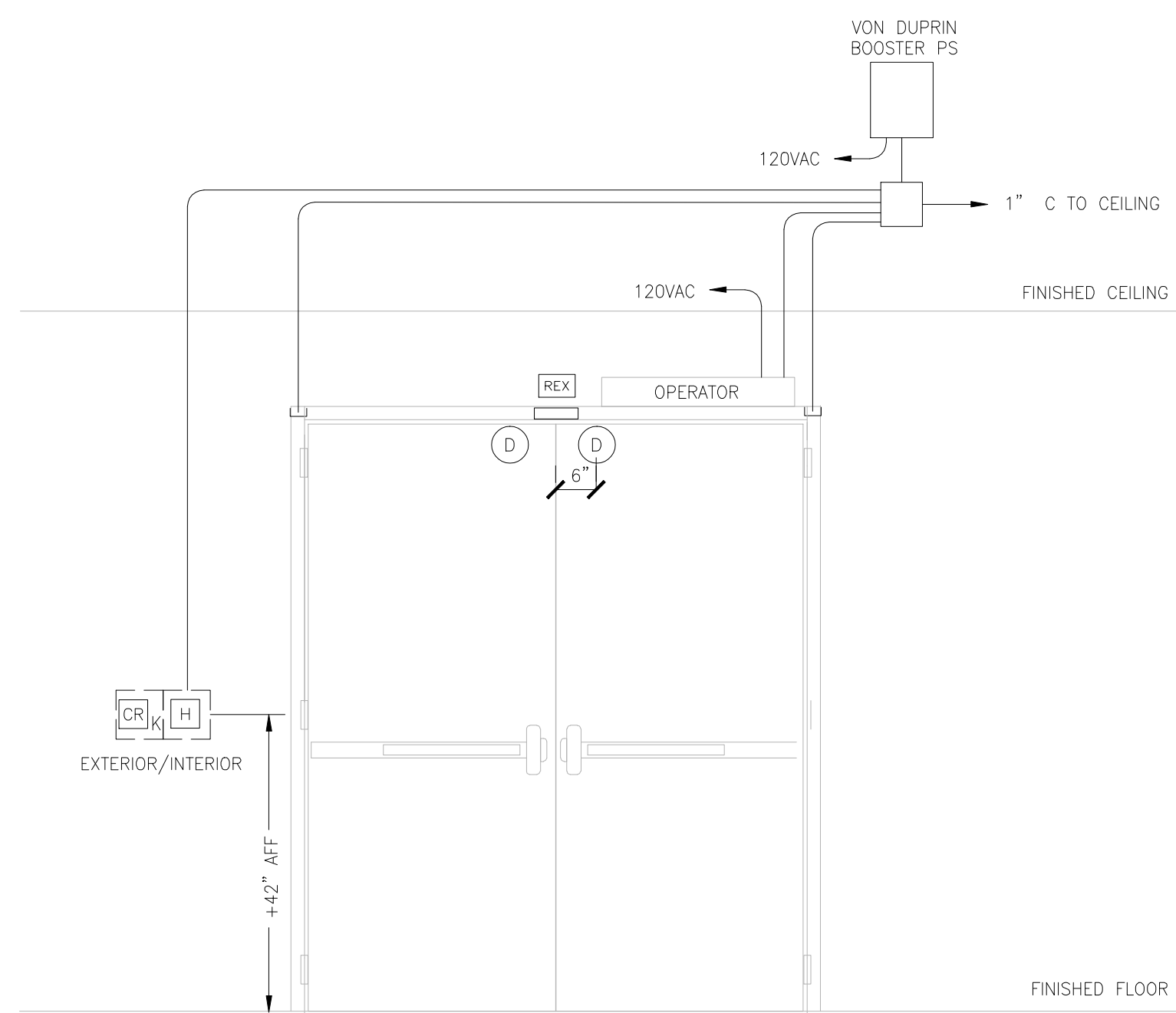
SEQUENCE OF OPERATION:  
 - ACTIVE LEAF IS SCHEDULED UNLOCKED DURING CLASS HOURS AND ALARM MONITORING IS BYPASSED.  
 - AFTER HOURS DOOR IS SCHEDULED LOCKED AND A VALID CARD IS REQUIRED FOR ACCESS AND ALARM BYPASS.  
 - REQUEST TO EXIT MOTION DETECTOR BYPASSES ALARM ONLY ON EXIT.

**3 MONITORED SINGLE DOOR NO REX**  
SCALE: N.T.S.



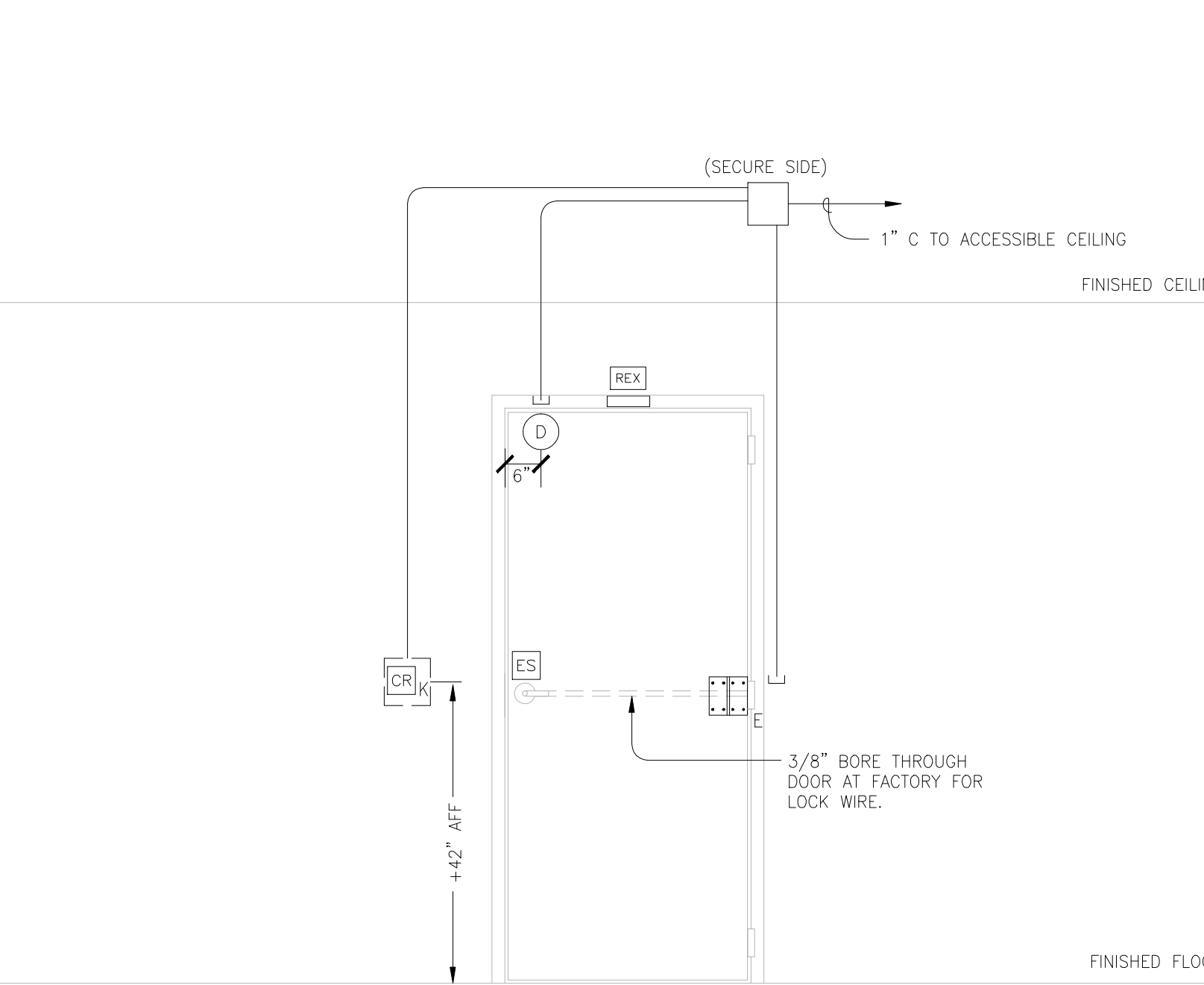
SEQUENCE OF OPERATION:  
 - DOOR IS LOCKED AT ALL TIMES.  
 - ALARM IS BYPASSED ON SCHEDULE DURING DAY.  
 - AFTER HOURS ALARM IS ENABLES.

**4 CARD READER PAIR ADA ENTRANCE W/KEYPAD & PS**  
SCALE: N.T.S.



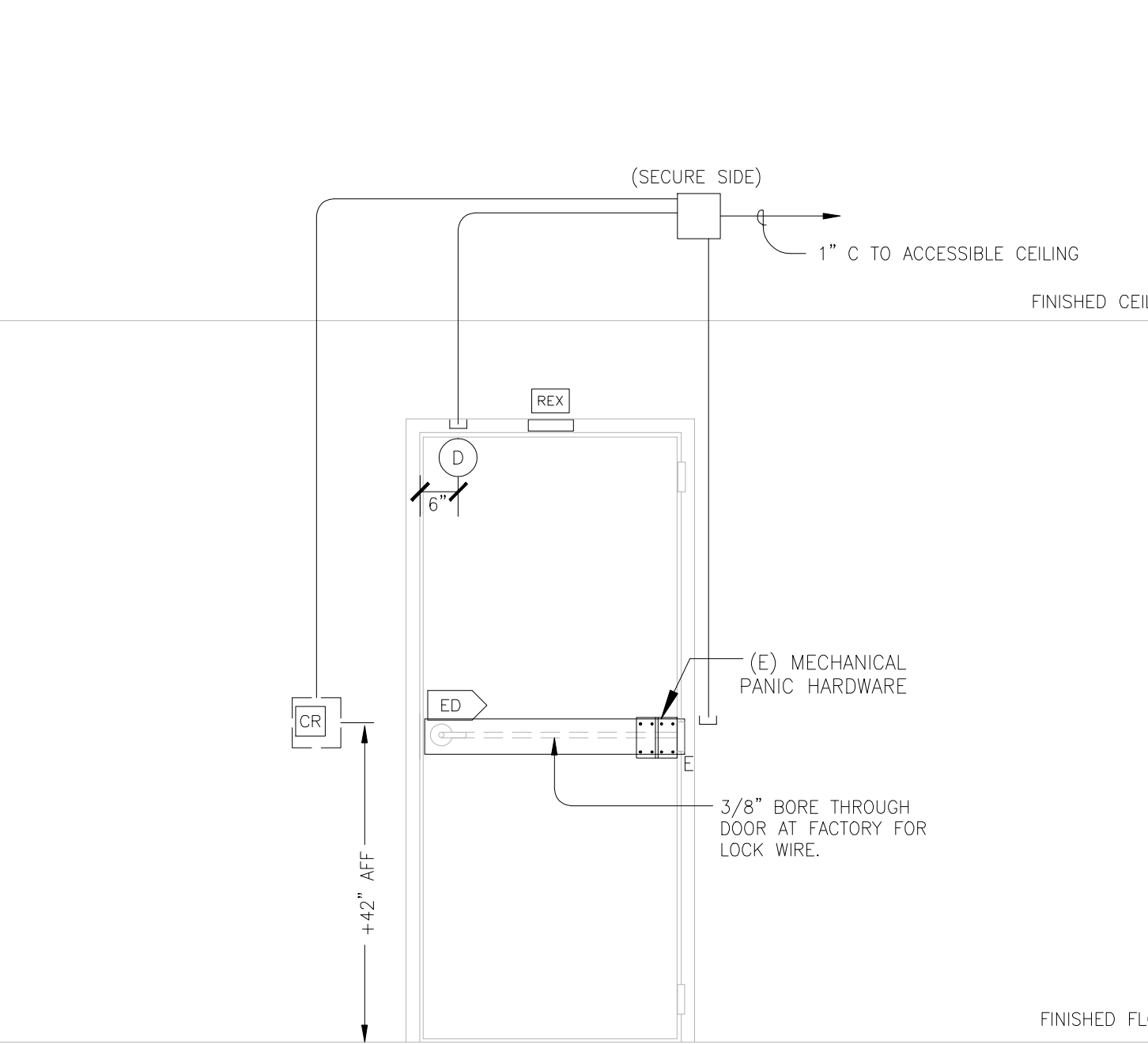
SEQUENCE OF OPERATION:  
 - BOTH LEAFS ARE SCHEDULED UNLOCKED DURING CLASS HOURS, ALARM MONITORING IS BYPASSED.  
 - AFTER HOURS DOOR IS SCHEDULED LOCKED AND A VALID CARD IS REQUIRED FOR ACCESS AND ALARM BYPASS.  
 - REQUEST TO EXIT MOTION DETECTOR BYPASSES ALARM ONLY ON EXIT.  
 - EXTERIOR ADA ACTUATOR IS INTERLOCKED WITH DOOR LOCKS AND DISABLED WHEN LOCKED.  
 - REFER TO WIRING SCHEMATIC FOR INTEGRATION TO OPERATOR.

**5 CARD READER SINGLE LOCKSET**  
SCALE: N.T.S.



SEQUENCE OF OPERATION:  
 - DOOR IS SCHEDULED UNLOCKED DURING CLASS HOURS AND ALARM MONITORING IS BYPASSED.  
 - AFTER HOURS DOOR IS SCHEDULED LOCKED AND A VALID CARD IS REQUIRED FOR ACCESS AND ALARM BYPASS.  
 - REQUEST TO EXIT MOTION DETECTOR BYPASSES ALARM ONLY ON EXIT.

**6 CARD READER / PANIC / NO PS**  
SCALE: N.T.S.



SEQUENCE OF OPERATION:  
 - DOOR IS SCHEDULED UNLOCKED DURING CLASS HOURS AND ALARM MONITORING IS BYPASSED.  
 - AFTER HOURS DOOR IS SCHEDULED LOCKED AND A VALID CARD IS REQUIRED FOR ACCESS AND ALARM BYPASS.  
 - REQUEST TO EXIT MOTION DETECTOR BYPASSES ALARM ONLY ON EXIT.

SECURITY AS-BUILT DRAWINGS  
CANADA COLLEGE BLDG. #8

ISSUANCE:  
**AS-BUILT DRAWINGS**

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REVISIONS		
NO.	DATE	DESCRIPTION
1	3/19/09	REVISE FOR AS-BUILTS-ML

PROJECT:  
CANADA COLLEGE  
BUILDING # 8 PHASE 2  
REVOVATION PROJECT  
4200 FARM HILL BLVD.  
REDWOOD CITY, CA 94061

SHEET TITLE:  
SECURITY SYSTEM  
DOOR DETAILS

DATE: 8/25/08  
DRAWN BY: BCHUA  
CHECKED BY: JLAMANTIA  
SCALE: AS NOTED  
JOB NO.: T09902306F25

SHEET NUMBER  
**SEC.5.01**