

COLLEGE of SAN MATEO

BUILDING 5N SAN MATEO, CALIFORNIA

SECURITY SYMBOL LIST	CONVENTIONS ACAMS	SECURITY GENERAL NOTES	DRAWING INDEX
<p>CR CARD READER, MOUNTED +42" AFF U.O.N.</p> <p>CR_K CARD READER WITH KEYPAD, MOUNTED +42" AFF U.O.N.</p> <p>RX REQUEST-TO-EXIT MOTION SENSOR, WALL OR CEILING MOUNTED ABOVE DOOR</p> <p>DC RECESSED DOOR CONTACT</p> <p>DC_R ROLL-UP DOOR CONTACT</p> <p>DC_S SURFACE MOUNT DOOR CONTACT</p> <p>EL ELECTRIC MORTISE LOCK</p> <p>ELX ELECTRIC MORTISE LOCK WITH REQUEST TO EXIT</p> <p>ES ELECTRIC STRIKE</p> <p>EP ELECTRIFIED PANIC HARDWARE</p> <p>EH ELECTRIFIED HINGE</p> <p>EPT ELECTRIFIED POWER TRANSFER</p> <p>PS LOCAL POWER SUPPLY</p> <p>AE AUTO EQUALIZER</p> <p>DH MAGNETIC DOOR HOLDER</p> <p>HO HOLD OPENER</p> <p>ADA ADA ACTUATOR</p> <p>KS KEY SWITCH</p> <p>MC ROLL-UP DOOR MOTOR CONNECTION</p> <p>LA LOCAL ALARM</p> <p>DB DURESS BUTTON (BLANK) = UNDERCOUNTER P = PULL STATION</p> <p>CB GLASS BREAK SENSOR C = CEILING MOUNT W = WALL MOUNT</p> <p>FIX-3 FIXED CCTV CAMERA</p> <p>ACAMS LOCATION</p> <p>CCTV LOCATION</p>	<p>XX = XX DOOR NUMBER</p> <p>DETAIL REFERENCE</p> <p>DETAIL SHEET</p>	<ol style="list-style-type: none"> THE SYMBOLS ON THE DRAWINGS CONVEY THE APPROXIMATE LOCATION OF THE DEVICES AND HARDWARE. THE INSTALLATION SHALL MEET OR EXCEED THE CURRENT LOCAL AND/OR STATE CODES WHICHEVER IS MORE RESTRICTIVE. ALL MATERIALS SHALL BE NEW, UNUSED, UNMOUNTED, AND IN THE CONDITION AS PROVIDED BY THE MANUFACTURER. EQUIPMENT THAT SHOWS SIGNS OF DAMAGE OR FACTORY DEFECTS SHALL NOT BE INSTALLED. CABLING NOT CONTAINED IN A RACEWAY SHALL MAINTAIN A 12" SEPARATION FROM OTHER POWER SOURCES AT ALL TIMES. CABLING THAT MUST CROSS ANOTHER POWER SOURCE WITHIN 12" SHALL DO SO AT A 90° DEGREE ANGLE. ALL CABLING SHALL BE LABELED AT EACH CONNECTION POINT WITH A PRINTED WRAP AROUND LABEL, AND WITH A CLEAR DEFINITION TO WHAT THAT CABLE IS FOR. ALL CABLING IN PUBLIC AREAS SHALL BE CONCEALED IN WALLS, CEILING, OR RACEWAYS UNLESS OTHERWISE NOTED. CABLING WITHIN LOW VOLTAGE EQUIPMENT ROOMS, JANITORS CLOSETS, ETC., MAY BE RAN UNCONCEALED BASED ON THE INDIVIDUAL JOB SITE REQUIREMENTS, AND/OR ANY LOCAL STATE CODES. CABLING PASSING THROUGH OR TERMINATING IN ELECTRICAL ROOMS SHALL ALWAYS BE CONTAINED IN A RACEWAY. CABLING THAT IS "FREE WIRED" SHALL BE INSTALLED AT RIGHT ANGLES TO THE BUILDING STRUCTURE AS THE STRUCTURE ALLOWS. MAIN CABLING RUNS SHALL GENERALLY FOLLOW HALLWAYS. CABLING SHALL NOT BE HUNG FROM OTHER DIVISIONS SYSTEMS OR SUPPORTS (WITH THE EXCEPTION OF DIVISION 16 AS APPLICABLE) SUCH AS BUT NOT LIMITED TO THE CEILING GRID SUPPORT WIRE, MECHANICAL SUPPORTS, PLUMBING SUPPORTS, ETC. CABLING MAY BE ATTACHED TO THE MAIN BUILDING STRUCTURE (I.E. WALLS, I-BEAMS, STUDS, ETC.) VIA J-HOOKS, BEAM CLAMPS, BRIDLE RINGS, ETC. CABLES SHALL NEVER BE TY-STRAPPED TO A CONDUIT OR OTHER RACEWAY. CABLING SHALL MAINTAIN A 12" MINIMUM CLEARANCE ABOVE THE CEILING STRUCTURE AT ALL TIMES AS THE CEILING STRUCTURE OR OBSTRUCTION ALLOW. CABLING PATHWAYS ARE DIAGRAMMATIC. INSTALL CABLING USING J-HOOKS, CEILING WIRES, BEAM CLAMPS, BRIDLE RINGS, ETC. IN ACCESSIBLE CEILING AREAS, COORDINATE WITH DIVISION 16 TO INSTALL CONDUIT AND CHASES THROUGH IN ACCESSIBLE OR OPEN AREAS AS APPLICABLE. IN CASE OF DISCREPANCIES BETWEEN THE FLOOR PLANS, RISER DIAGRAMS, AND EQUIPMENT LISTS, THE FLOOR PLANS SHALL TAKE PRECEDENCE. CONTROL PANELS, BOARD COUNTS, ETC. SHALL BE SIZED AT A MINIMUM TO SUPPORT THE DEVICES ON THE FLOOR PLANS AND/OR MAY BE REQUIRED TO BE OVERSIZED TO SUPPORT A SPARE PERCENTAGE CAPACITY, OR OTHER SPECIFIC CUSTOMER REQUIREMENT OR STANDARD. POWER SUPPLIES SHALL BE PROVIDED TO SUPPORT THE POWER REQUIREMENTS FOR THE DEVICES THEY ARE CONNECTED TO WITH A 20% HEAD ROOM BASED ON ALL CHANNELS UTILIZED. POWER SUPPLIES WITH SPARE CHANNELS SHALL BE SIZED AS IF THEY WERE FULL WITH A 20% HEAD ROOM BASED ON THE DEVICES THAT ARE CONNECTED TO THEM. POWER SUPPLIES WITH LOW BATTERY AND AC FAIL RELAYS SHALL HAVE THESE RELAY CONTACTS MONITORED BY THE APPROPRIATE SYSTEM AS APPLICABLE AND AS REQUIRED. DOOR HARDWARE SHALL BE PROVIDED AND INSTALLED BY THE DIVISION B CONTRACTOR. THE SECURITY CONTRACTOR SHALL CONNECT TO THE DOOR HARDWARE AS APPLICABLE. CONDUIT/CHASE/RACEWAY/JUNCTION BOXES/120 VAC/ETC. SHALL BE PROVIDED AND INSTALLED BY DIVISION 16 CONTRACTOR. NETWORK/TELCO DROPS/ SWITCHES AND CONFIGURATION SHALL BE PROVIDED BY THE CUSTOMER, OR BY OTHERS. 	<p>DWG. No. DESCRIPTION</p> <p>SEC.0.00 COVER SHEET, GENERAL NOTES, SYMBOLS AND DRAWING INDEX</p> <p>SEC.1.01 SECURITY SYSTEM RISER DIAGRAM</p> <p>SEC.1.02 SECURITY SYSTEM CCTV RISER DIAGRAM</p> <p>SEC.2.01 SECURITY SYSTEM FIRST FLOOR DEVICE LAYOUT PLAN</p> <p>SEC.2.02 SECURITY SYSTEM SECOND FLOOR DEVICE LAYOUT PLAN</p> <p>SEC.2.03 SECURITY SYSTEM THIRD FLOOR DEVICE LAYOUT PLAN</p> <p>SEC.3.00 SECURITY SYSTEM ACAMS 2ND FLOOR MDF POINT-TO-POINT WIRING DIAGRAM</p> <p>SEC.3.01 SECURITY SYSTEM ACAMS 2ND FLOOR ACU POINT-TO-POINT WIRING DIAGRAM</p> <p>SEC.3.01A SECURITY SYSTEM ACAMS 2ND FLOOR MDF POINT-TO-POINT WIRING DIAGRAM CONT'D.</p> <p>SEC.3.02 SECURITY SYSTEM ACAMS POWER SUPPLIES POINT-TO-POINT WIRING DIAGRAM</p> <p>SEC.3.02A SECURITY SYSTEM ACAMS POWER SUPPLIES POINT-TO-POINT WIRING DIAGRAM CONT'D.</p> <p>SEC.4.00 SECURITY SYSTEM MDF EQUIPMENT ROOM DETAILS & ELEVATION</p> <p>SEC.4.01 SECURITY SYSTEM DOOR DETAILS SHEET 1</p> <p>SEC.4.02 SECURITY SYSTEM DOOR DETAILS SHEET 2</p> <p>SEC.4.03 SECURITY SYSTEM DOOR DETAILS SHEET 3</p> <p>SEC.5.00 SECURITY SYSTEM MISCELLANEOUS DETAIL SHEET 1</p> <p>SEC.5.01 SECURITY SYSTEM MISCELLANEOUS DETAIL SHEET 2</p> <p>SEC.6.01 (NIC FOR AS BUILTS)</p>

EQUIPMENT LISTS CABLE SCHEDULES DOOR TYPES & APPLICATION

EQUIPMENT LIST ACAMS			
DESCRIPTION	MANUFACTURER	PART #	QTY.
56K FAX/MODEM	US ROBOTICS	302-MOD	1
NETWORK INTERFACE CARD	AMAG	MN-NIC-3	1
RS-232 DIAL UP INTERFAE CARD	AMAG	MN-232	1
INPUT/OUTPUT BOARD	AMAG	MN-IO	16 + 4
SB40 CARD READER ASH GRAY	AMAG	840-KP-AG	11
SYMMETRY 820 CARD READER, BEIGE	AMAG	820-AG	4 + 5
16 READER ACCESS CONTROL PANEL	AMAG	M2100-16RDR-KIT	1
8 READER ACCESS CONTROL PANEL	AMAG	M2100-8RDR-KIT	1
DATA BASE UNIT 20,000 CARD HOLDERS	AMAG	M2100-DBU-20K-KIT	1
CAB4 ENCLOSURE WITH POWER SUPPLY	AMAG	MN-CAB4-PSU-KIT	1
24 INPUT 4 OUTPUT BOARD	AMAG	M2100-ACU-KIT	1
18V TRANSFORMER	AMAG	MN-TRANS-75-UL	1
SINGLE GANG KEY SWITCH	SECURITRON	KPI	1
SHATTERPRO 3 GLASS BREAK, ROUND	GE SENTROL	5612-RND	20
DURESS BUTTON	GE SENTROL	3040-W	3
12 x 12 TERMINAL C.A.N. FOR MODEM	MER	BV108B	1
LOCK SET WITH ED05 KEY	MER	BWED05	1
8 OH POWER SUPPLY	ALTRONICS	AL600ULACM	3 + 1
122VDC/6A POWER SUPPLY 16 CH	ALTRONICS	AL600ULXPD16	3
12V 7 AMP HR BATTERY	ALTRONICS	BT126	13 + 1 + 1
1" SPOT RECESSED DOOR CONTACT BROWN	GE SENTROL	1078-M	47 + 3 - 1
CLOSED LOOP ROLL UP DOOR ARMORED CABLE DOOR CONTACT	GE SENTROL	2205-A-L	3 - 2
SPOT SURFACE MOUNT ARMORED CABLE DOOR CONTACT	GE SENTROL	2207-A-L	2
REQUEST TO EXIT SENSOR BLACK	BOSCH	DS161	26 - 1 - 1
TAMPER SWITCH, 10PK	GRI	TS-20	2 + 1
LOCAL DOOR ALARM	DSI	ES4300-K3	4 + 4 - 1
24V RELAY FOR DOOR HOLDERS	IEC	RH18-UCC24V	2 + 7
RELAY BASE	IEC	SH18-05	2 + 7
DI NAIL FOR RELAYS	IEC	BNDN-1000	1 + 5
J-HOOK WITH CEILING WIRE HANGER BRACKET	CADDY	CA1324Z34	AS REQ.
CEILING WIRE WITH PN AND L-BRACKET	HLTI	283387	AS REQ.

CABLE SCHEDULE ACAMS			
TYPE	DESCRIPTION	MANUFACTURER	PART #
A	16/2 PLENUM EL, EP, DH, HO, PS-873 TRIG	BELDEN	6200UE
B	16/2 PL, CR PWR, AE, RELAYS, KS, ADA, MC	BELDEN	6300UE
C	22/4 PLENUM DC, GB, REX, DB	BELDEN	6502UE
D	22/8 SHIELDED PLENUM, LA	BELDEN	6506FE
E	22/2PR SHIELDED PLENUM CR DATA	BELDEN	6541FE

CABLE SCHEDULE CCTV			
TYPE	DESCRIPTION	MANUFACTURER	PART #
F	CA T8 CABLE, BLUE	PANDUIT	PUP8004BU-UY

EQUIPMENT LIST CCTV			
DESCRIPTION	MANUFACTURER	PART #	QTY.
216FD INTERIOR MINIDOME P CAMERA	AXIS	AXI-0240-004	10
5 FT PATCH CORD	PANDUIT	UTSPRSGRY	10
24 PORT PATCH PANEL	PANDUIT	CPRL24MSBLY	1
1 RMI DUAL SIDED WIRE MANAGER	PANDUIT	WMR-SE	1
RJ-45 MODULAR PLUG	PANDUIT	SP688-C	10
TX6+ MINICOM JACK, ORANGE	PANDUIT	CJ888TGGR	10
J-HOOK WITH CEILING WIRE HANGER BRACKET	CADDY	CA1324Z34	AS REQ.
CEILING WIRE WITH PN AND L-BRACKET	HLTI	283387	AS REQ.

DOOR TYPE	DESCRIPTION	FUNCTION	DEVICES
A	CARD READER DOOR	A CARD READER MUST BE PRESENTED TO OPEN THIS DOOR	CR DC RX EL EH
B	CARD READER DOOR	A CARD READER MUST BE PRESENTED TO OPEN THIS DOOR	CR DC RX EP EH
C	CARD READER DOOR	A CARD READER MUST BE PRESENTED TO OPEN THIS DOOR	CR _K DC RX EPT EP
D	SCHEDULED UNLOCK DOOR	AUTOMATICALLY LOOKS AND UNLOCKS BY ACAMS SCHEDULE	CR DC ES
E	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	DC RX EH EL HO
F	SCHEDULED UNLOCK DOOR	AUTOMATICALLY LOOKS AND UNLOCKS BY ACAMS SCHEDULE	DC RX EPT EL
G	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	CR _K DC RX EL EH DH
H	EMERGENCY EXIT DOOR	LOCAL DOOR ALARM WILL SOUND AND ALARM ACAMS	DC LA
I	MONITORED DOOR	ALLOWS FOR EGRESS WITHOUT AN ALARM	DC RX
J	EMERGENCY EXIT DOOR	LOCAL DOOR ALARM WILL SOUND AND ALARM ACAMS	DC LA
K	MONITORED DOOR	KEY SWITCH MUST BE TURNED TO DISABLE DOOR CONTACTS	(3)DC KS
L	CARD READER DOOR (ADA)	A READER MUST BE PRESENTED TO UNLOCK THE DOOR AFTER HOURS	CR _K DC RX EPT EP AE ADA PS-873
M	CARD READER DOOR	A CARD READER MUST BE PRESENTED TO OPEN THIS DOOR	CR _K DC RX EPT ES
N	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	CR _K (2)DC RX EPT EP (2)DH
O	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	CR (2)DC RX EPT EP (2)HO
P	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	(2)DC RX (2)EPT (2)EP PS-873 (2)DH
Q	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	CR _K (2)DC RX (2)EPT (2)EP PS-873 (2)DH
R	HOLD OPEN DOOR	AUTOMATICALLY RELEASES BY ACAMS SCHEDULE	CR _K (2)DC RX EH EP PS-873 (2)DH
S	SCHEDULED UNLOCK DOOR	AUTOMATICALLY LOOKS AND UNLOCKS BY ACAMS SCHEDULE	(2)DC RX (2)EPT (2)EP PS-873
T	MONITORED DOOR	ALLOWS FOR EGRESS WITHOUT AN ALARM	(2)DC RX
U	CARD READER DOOR	A CARD READER MUST BE PRESENTED TO OPEN THIS DOOR	CR DC MC
V	SCHEDULED LOCKED DOOR	ACTUATOR DISABLED BY ACAMS SCHEDULE	DC RX ES ADA AE
W	CARD READER DOOR	A CARD READER MUST BE PRESENTED TO OPEN THIS DOOR	CR _K DC RX EPT EP PS-873 ADA AE

Revision	Description	Date
1	DCA Backcheck	10/08/08
2	Coordination - Bulletin #4	06/24/09
3	Bulletin #4 re-submitted	08/17/09
4	Door & Hardware Schedule Revision	10/08/09
5	Revisions for As Built Drawings	03/15/10
6	Revisions for As Built Drawings (Indicate video camera locations)	04/21/10

Revision	Description	Date

Revision	Description	Date

Job No. (10980208728)	0715.00
Date	8.1.08
Scale	NONE

SECURITY SYSTEM
RISER DIAGRAM



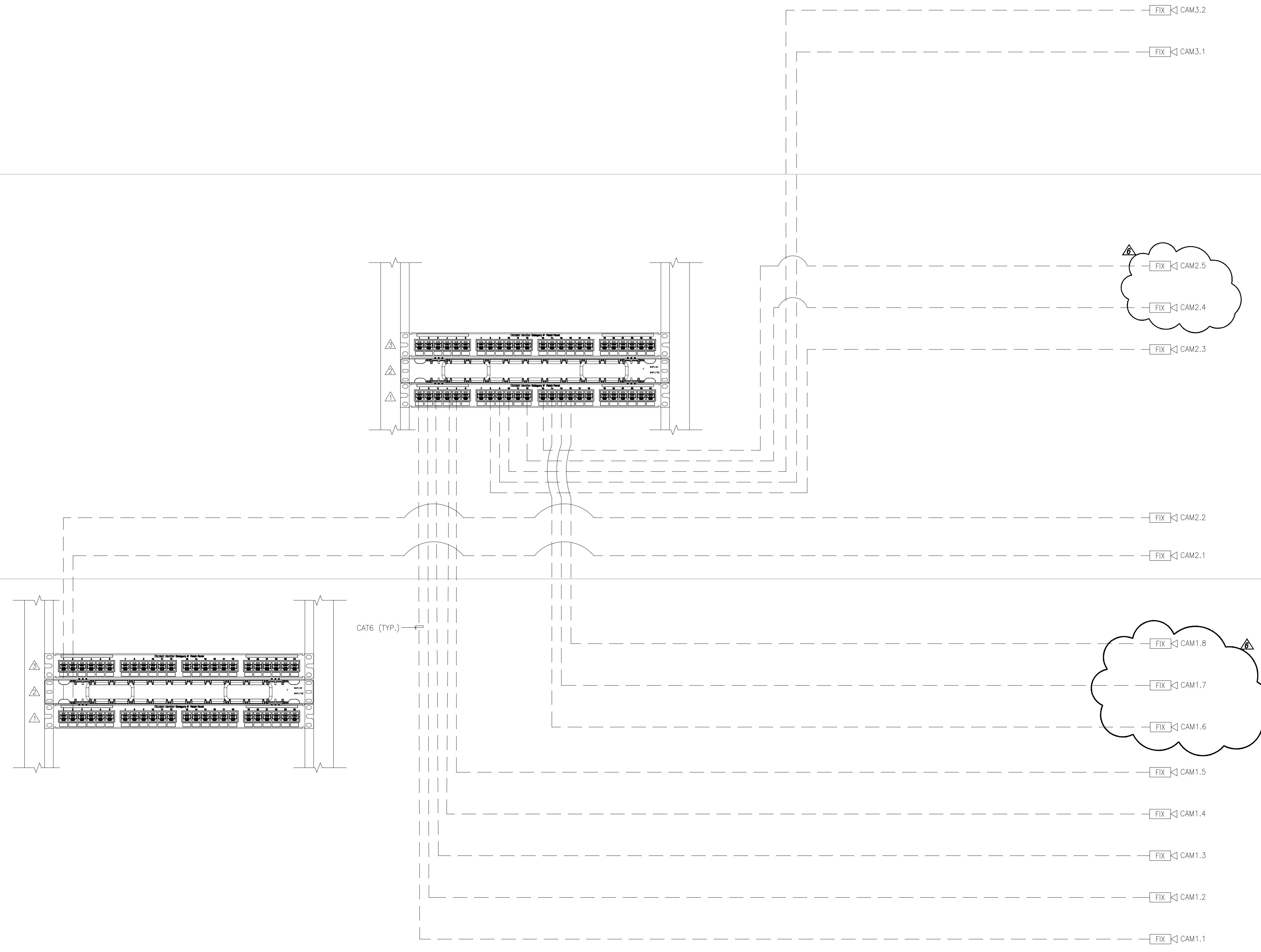
1 SECURITY SYSTEM RISER DIAGRAM
SCALE: NONE

ROOF

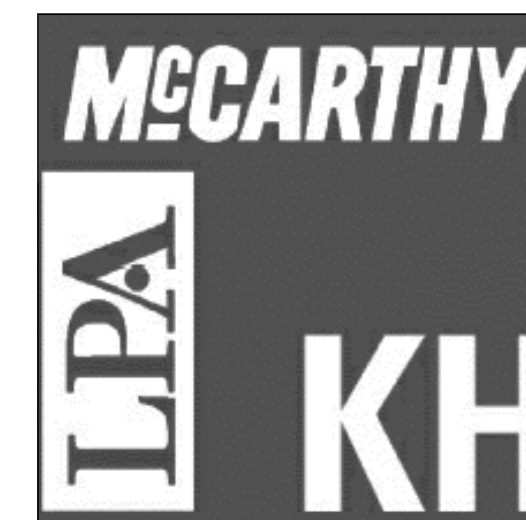
THIRD FLOOR

MDF ROOM 5-265 SECOND FLOOR

IDF ROOM 5-104 FIRST FLOOR

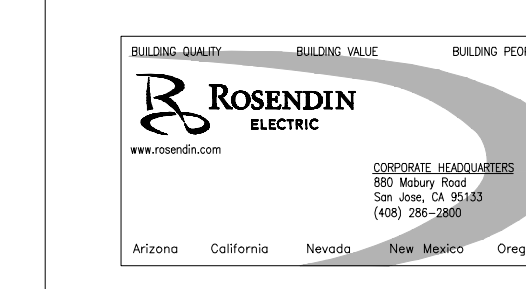


1 SECURITY SYSTEM CCTV RISER DIAGRAM
SCALE: NONE



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College of San Mateo
Building 5N
Bulletin #4
San Mateo, CA
Developed for
San Mateo Community College District

Revision	Description	Date
1	DSA Backcheck	10/08/08
2	Coordination - Bulletin #4	06/24/09
3	Bulletin #4-re-submittal	08/17/09
4	Door & Hardware Schedule Revision	10/08/09
5	Revisions for As Built Drawings set	03/15/10
6	Revised for As Built Drawings (include add-on camera locations)	04/21/10

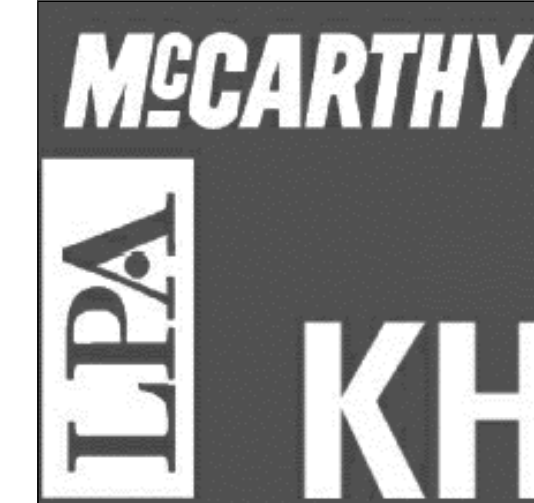
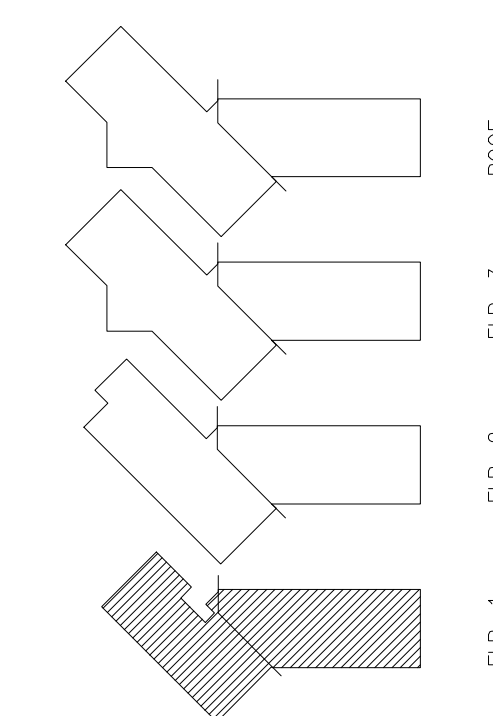
Revision	Description	Date
1	DSA Backcheck	10/08/08
2	Coordination - Bulletin #4	06/24/09
3	Bulletin #4-re-submittal	08/17/09
4	Door & Hardware Schedule Revision	10/08/09
5	Revisions for As Built Drawings set	03/15/10
6	Revised for As Built Drawings (include add-on camera locations)	04/21/10

Job No. (10980208128) 0715.00
Date 8.1.09
Scale NONE

SECURITY SYSTEM
CCTV RISER
DIAGRAM

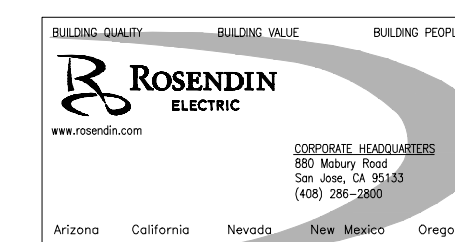
SEC.1.02

KEY PLANS



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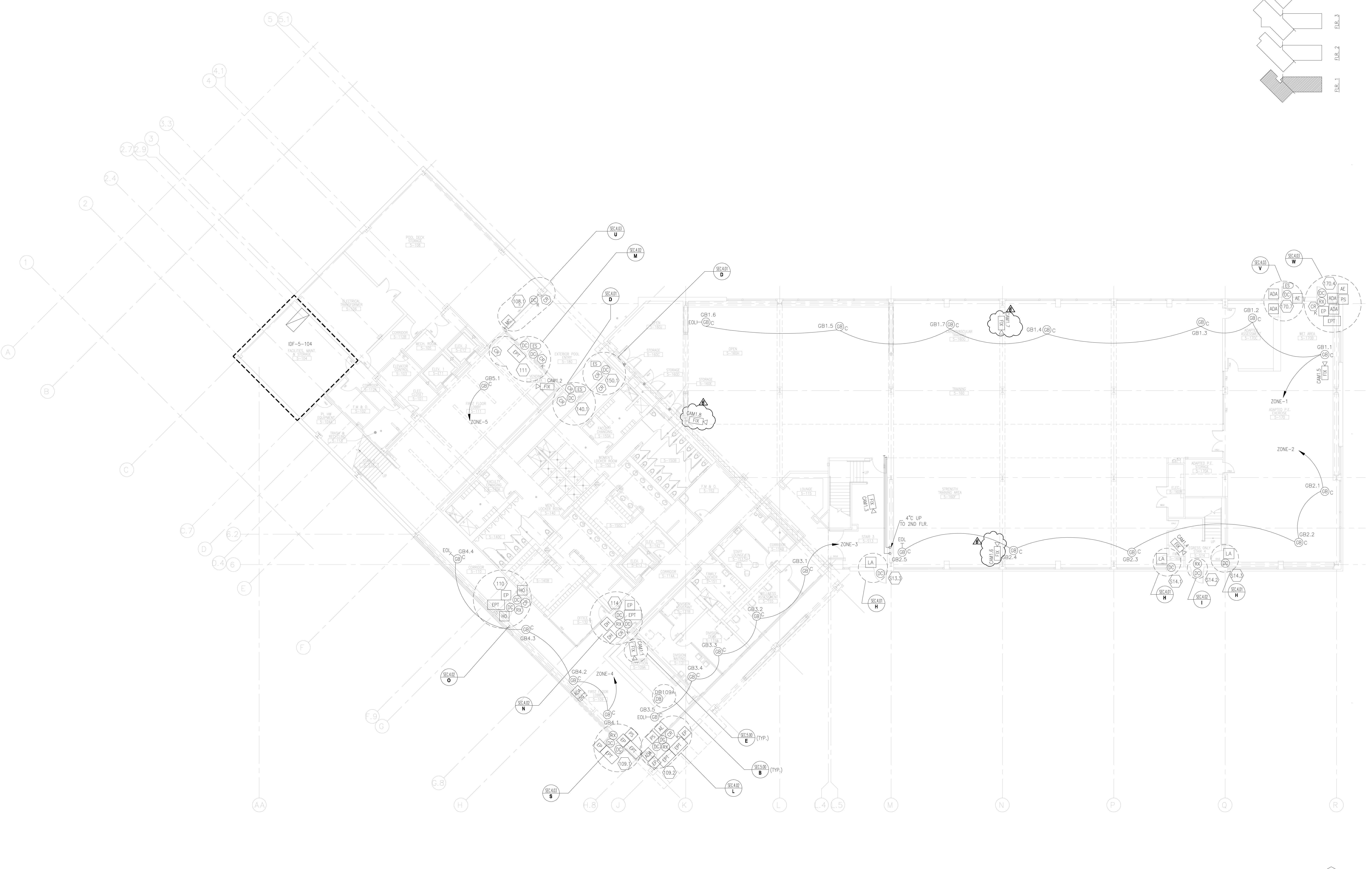
Revision	Description	Date

Revision	Description	Date
1000/008	DSA Blockbook	10/08/08
082/009	Coordination - Bulletin #4	08/27/09
081/7/09	Bulletin #4-re-submittal	08/17/09
008/009	Door & Hardware Schedule Revision	08/08/09
0315/10	Revisions for A4 Bull Drawings set	03/15/10
0421/10	Revisions for A4 Bull Drawings (include added camera locations)	04/21/10

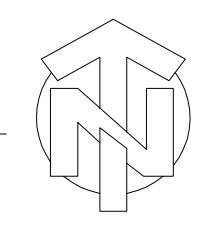
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 Date 6.1.09
 Scale AS NOTED

SECURITY SYSTEM
 FIRST FLOOR
 DEVICE LAYOUT PLAN

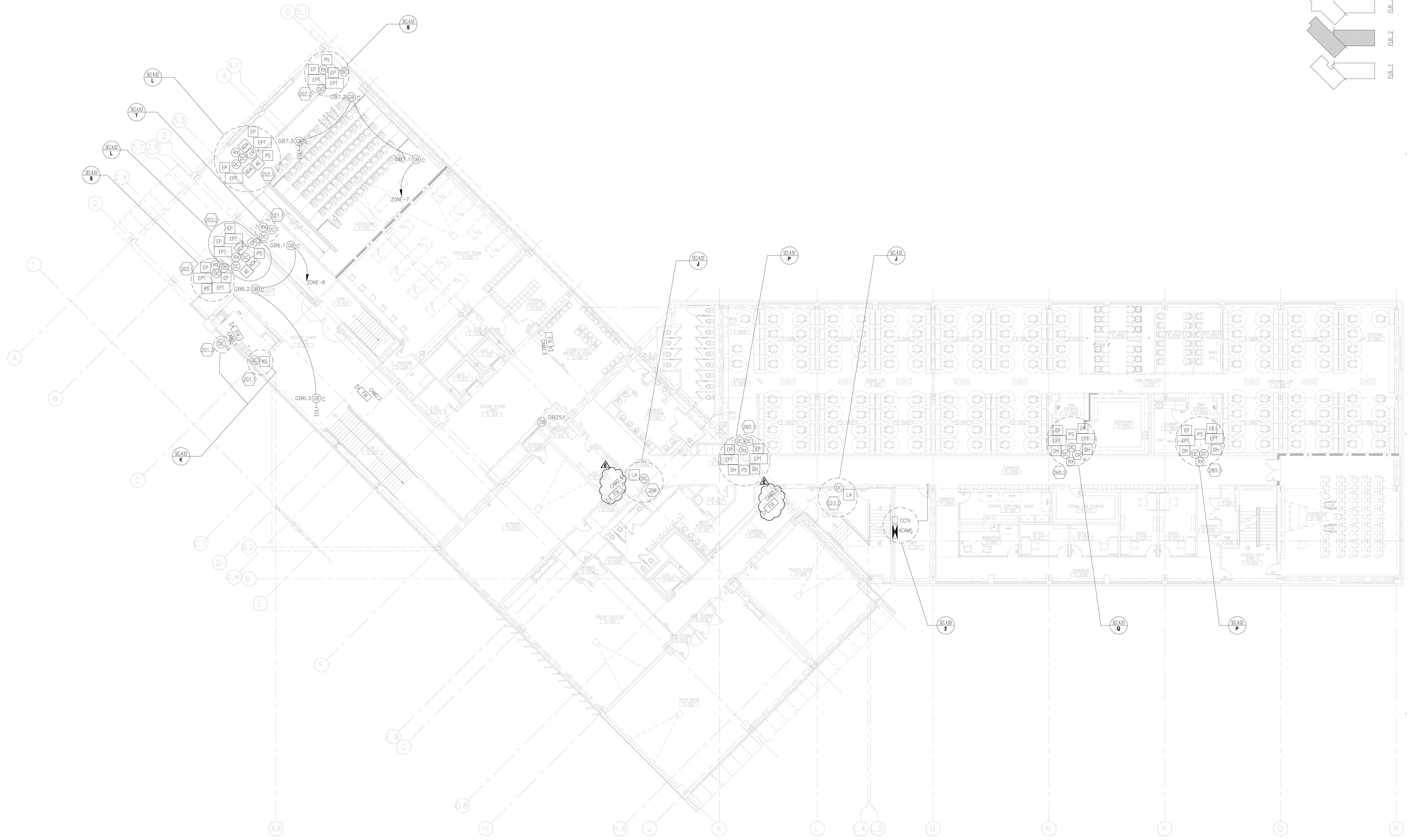
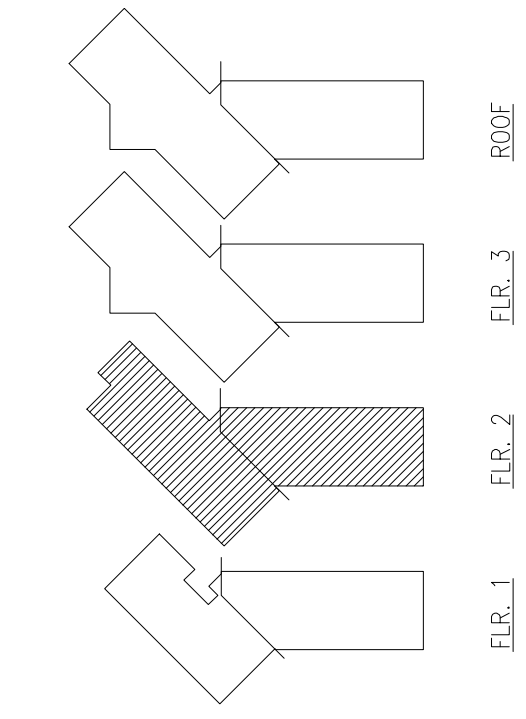
SEC.2.01



1 SECURITY SYSTEM FIRST FLOOR DEVICE LAYOUT PLAN
 SCALE: 3/32"=1'-0"



KEY PLANS



1 SECURITY SYSTEM SECOND FLOOR DEVICE LAYOUT PLAN
 SCALE: 3/32"=1'-0"

Revision	Description	Date

Revision	Description	Date

Job No.	(10082030725)	0715.00
Date		8.1.00
Scale		AS NOTED

SECURITY SYSTEM
 SECOND FLOOR
 DEVICE LAYOUT PLAN

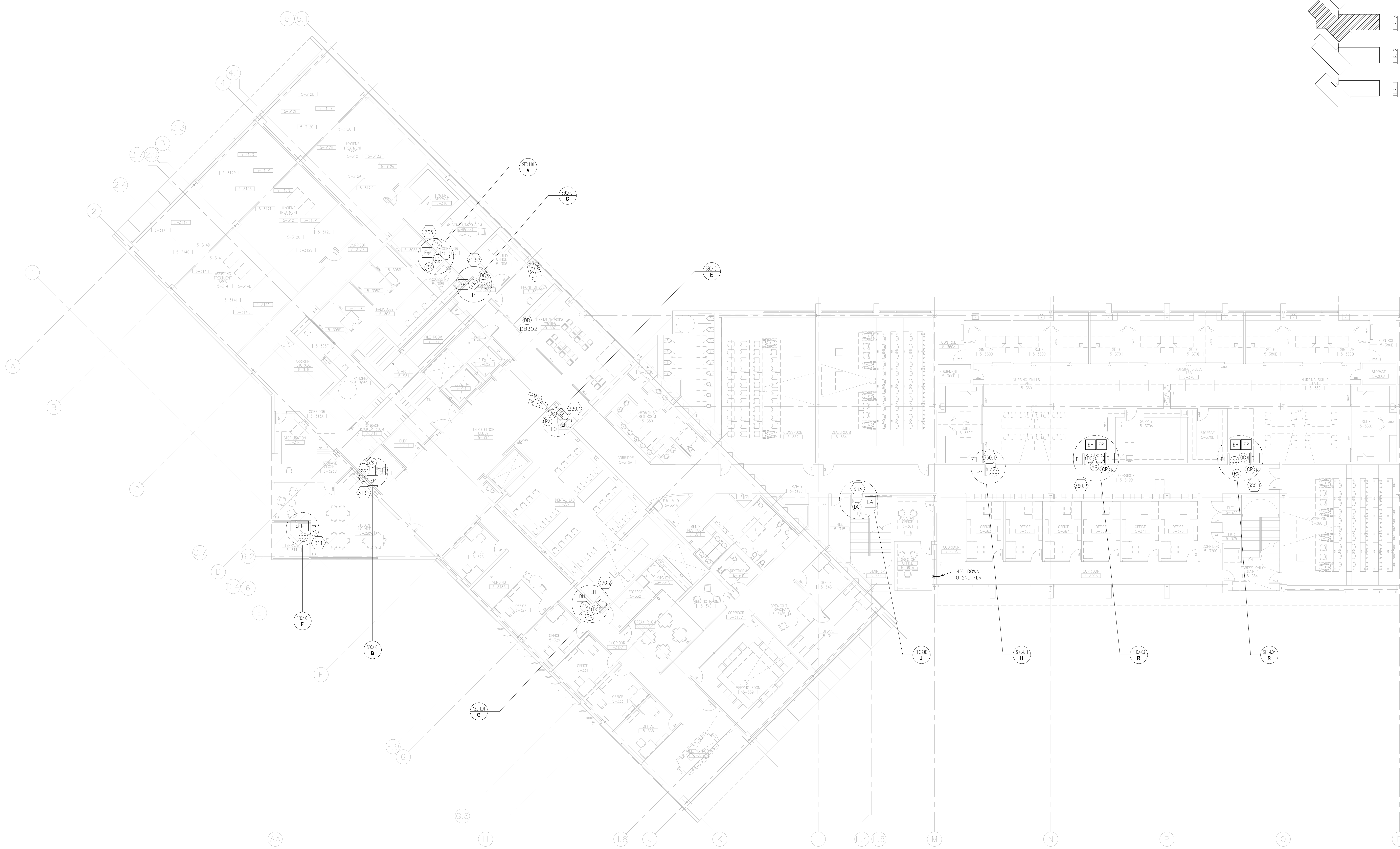
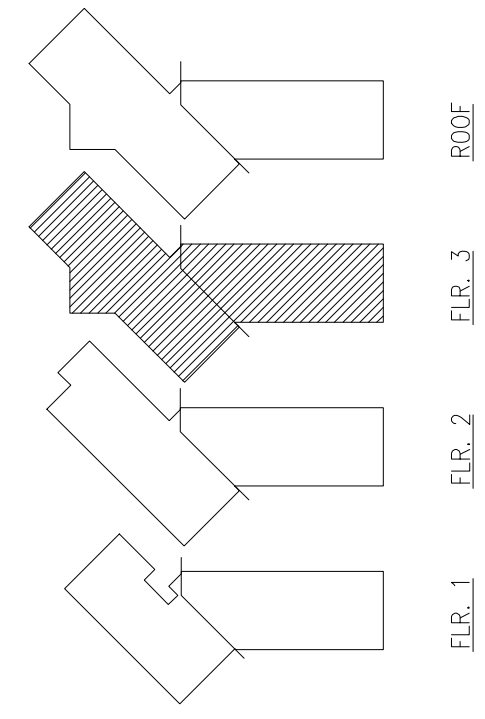
Revision	Description	Date

Revision	Description	Date
1	DSA Blockcheck	10/09/08
2	Coordination - Bulletin #4	08/27/09
3	Bulletin #4 re-submittal	09/17/09
4	Door & Hardware Schedule Revision	10/06/09
5	Revisions for As Built Drawing set	03/15/10
6	Revisions for As Built Drawings (include added camera locations)	04/27/10

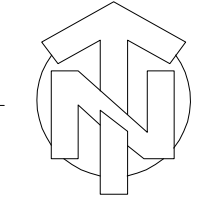
Job No.	(100802039728)	0716.00
Date		8.1.09
Scale		AS NOTED

SECURITY SYSTEM
THIRD FLOOR
DEVICE LAYOUT PLAN

KEY PLANS



1 SECURITY SYSTEM THIRD FLOOR DEVICE LAYOUT PLAN
SCALE: 3/32"=1'-0"

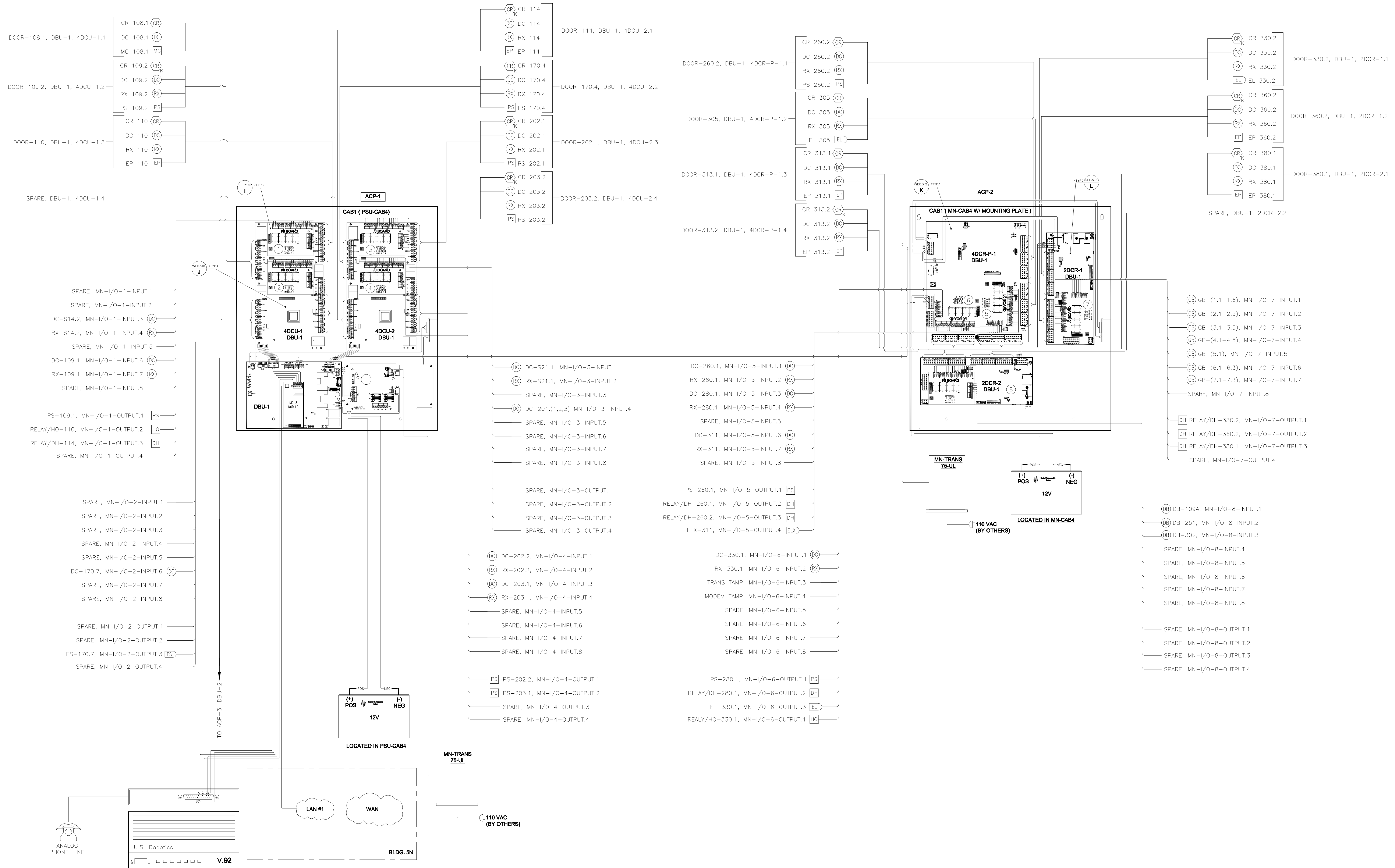


Revision	Description	Date
1000006	DSC Blockcheck	10/06/08
0625009	Coordination - Bulletin #4	06/25/09
0817009	Bulletin #4 Re-issuance	08/17/09
1008009	Door & Hardware Schedule Revision	10/08/09
0315010	Revisions to 'A' Set Point Drawing Set	03/15/10
0422010	Revisions to 'A' Set Point Drawing Set (include arched camera locations)	04/22/10

Revision	Description	Date
1000006	DSC Blockcheck	10/06/08
0625009	Coordination - Bulletin #4	06/25/09
0817009	Bulletin #4 Re-issuance	08/17/09
1008009	Door & Hardware Schedule Revision	10/08/09
0315010	Revisions to 'A' Set Point Drawing Set	03/15/10
0422010	Revisions to 'A' Set Point Drawing Set (include arched camera locations)	04/22/10

Job No.	Date	Scale
10980208725	07/15/08	NONE
	8.1.08	

SECURITY SYSTEM
ACAMS 2ND FLOOR
MDF POINT-TO-POINT
WIRING DIAGRAM

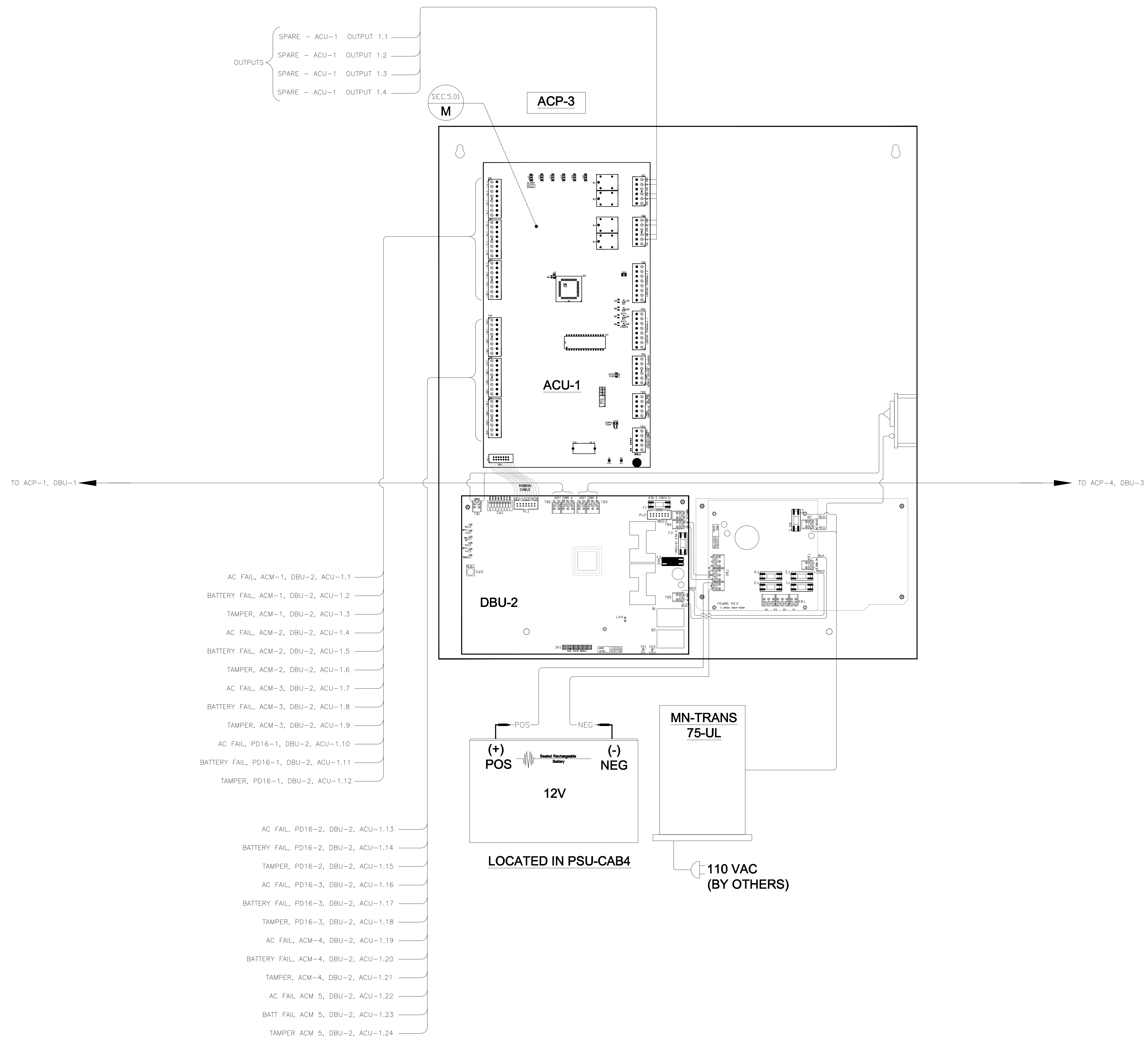


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SCALE: NONE

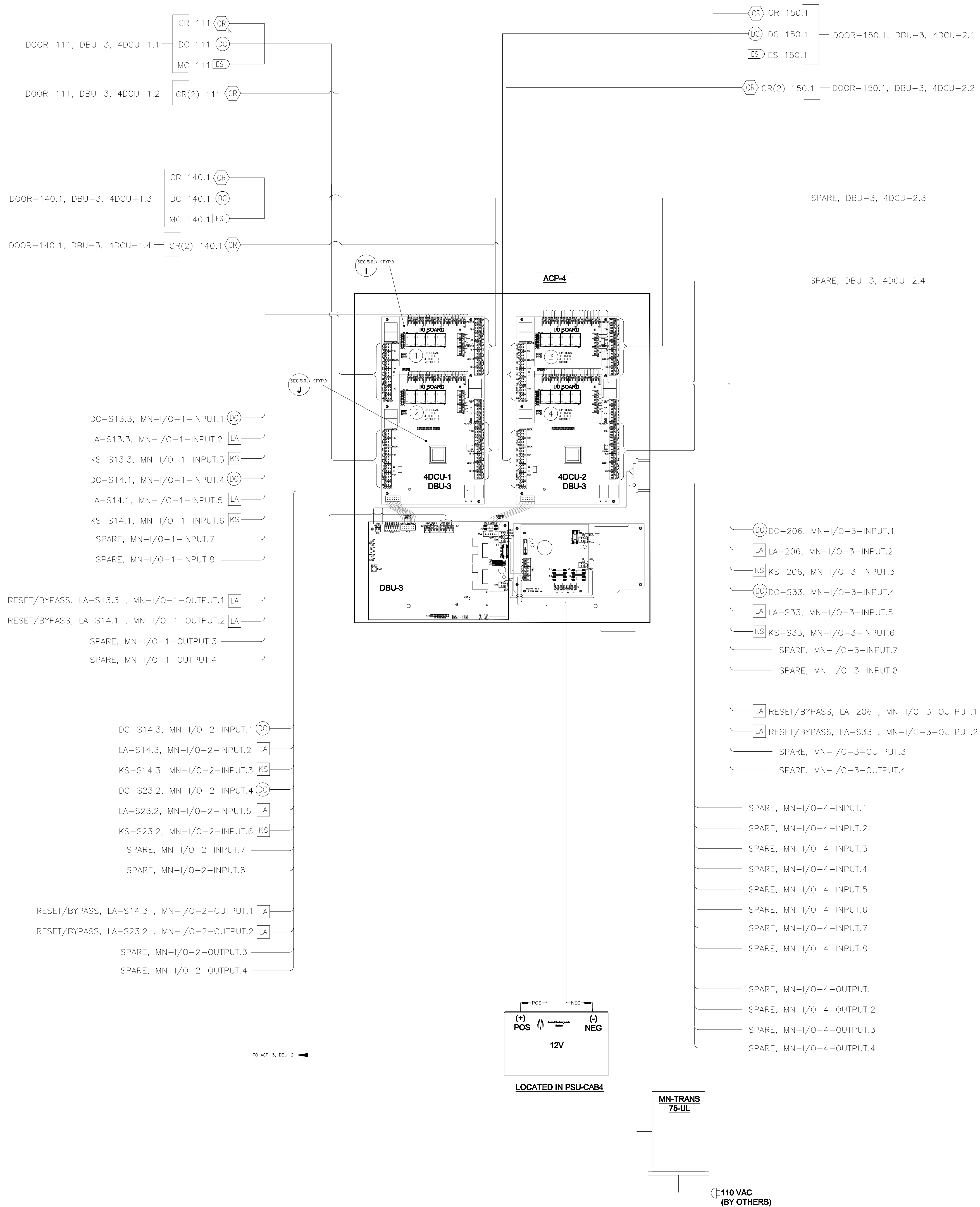
Revision	Description	Date
1	DSA Basischeck	10/09/08
2	Coordination - Bulletin #4	06/24/09
3	Bulletin #4 re-submittal	08/17/09
4	Door & Hardware Schedule Revision	10/08/09
5	Revisions for AS Built Drawing set	03/15/10
6	Final Bulletin #4 (as built)	04/21/10

Job No.	(109802009720)	07/16/10
Date	8.1.08	
Scale	NONE	

SECURITY SYSTEM
 ACAMS 2ND FLOOR
 ACU POINT-TO-POINT
 WIRING DIAGRAM



1 ALARM MONITORING PANEL (ACP-3) POINT-TO-POINT
 SCALE: NONE



1 SECURITY SYSTEM ACAMS 2ND FLOOR MDF POINT-TO-POINT WIRING DIAGRAM CONT'D.
 SCALE: NONE

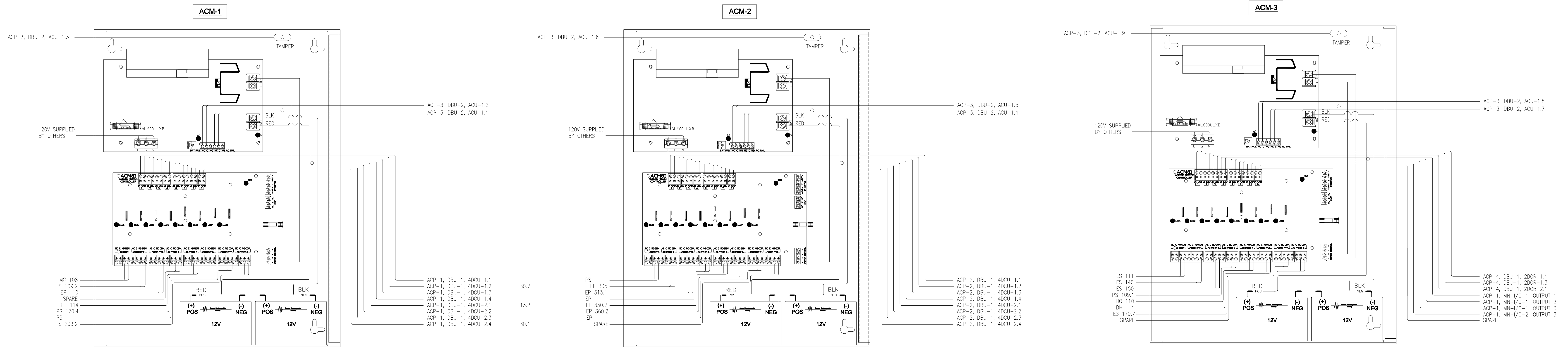
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 San Mateo, CA
 Developed for

Revision	Description	Date

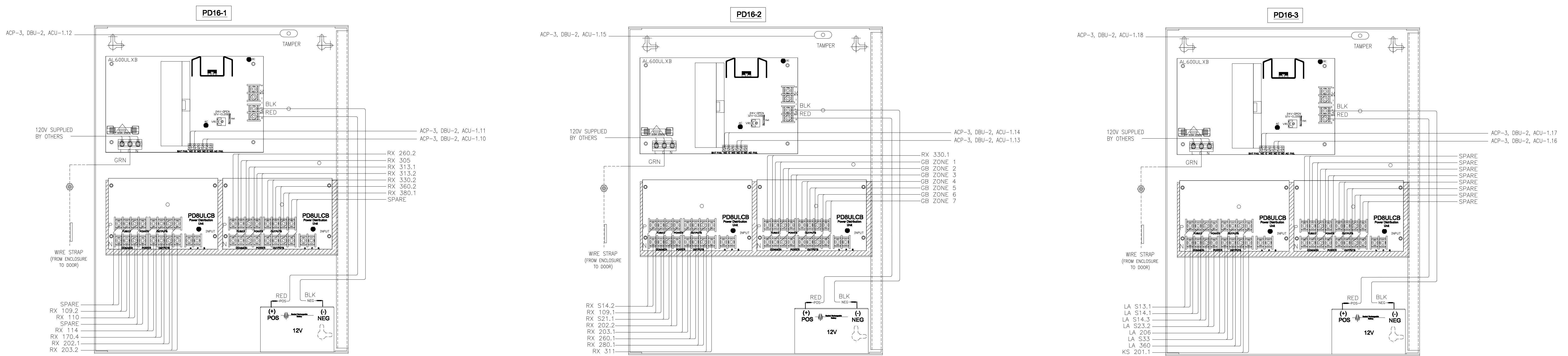
Revision	Description	Date
1	DCU Backlog	11/05/08
2	DCU Backlog	06/24/08
3	DCU Backlog	06/24/08
4	DCU Backlog	06/24/08
5	DCU Backlog	06/24/08
6	DCU Backlog	06/24/08
7	DCU Backlog	06/24/08
8	DCU Backlog	06/24/08

Job No. (10000208725) 0718.0X
 Date 8.1.08
 Scale NONE

SECURITY SYSTEM
 ACAMS 2ND FLOOR
 MDF POINT-TO-POINT
 WIRING DIAGRAM CONT'D



A SECURITY SYSTEM 24 VOLT LOCK POWER SUPPLIES
SCALE: NONE



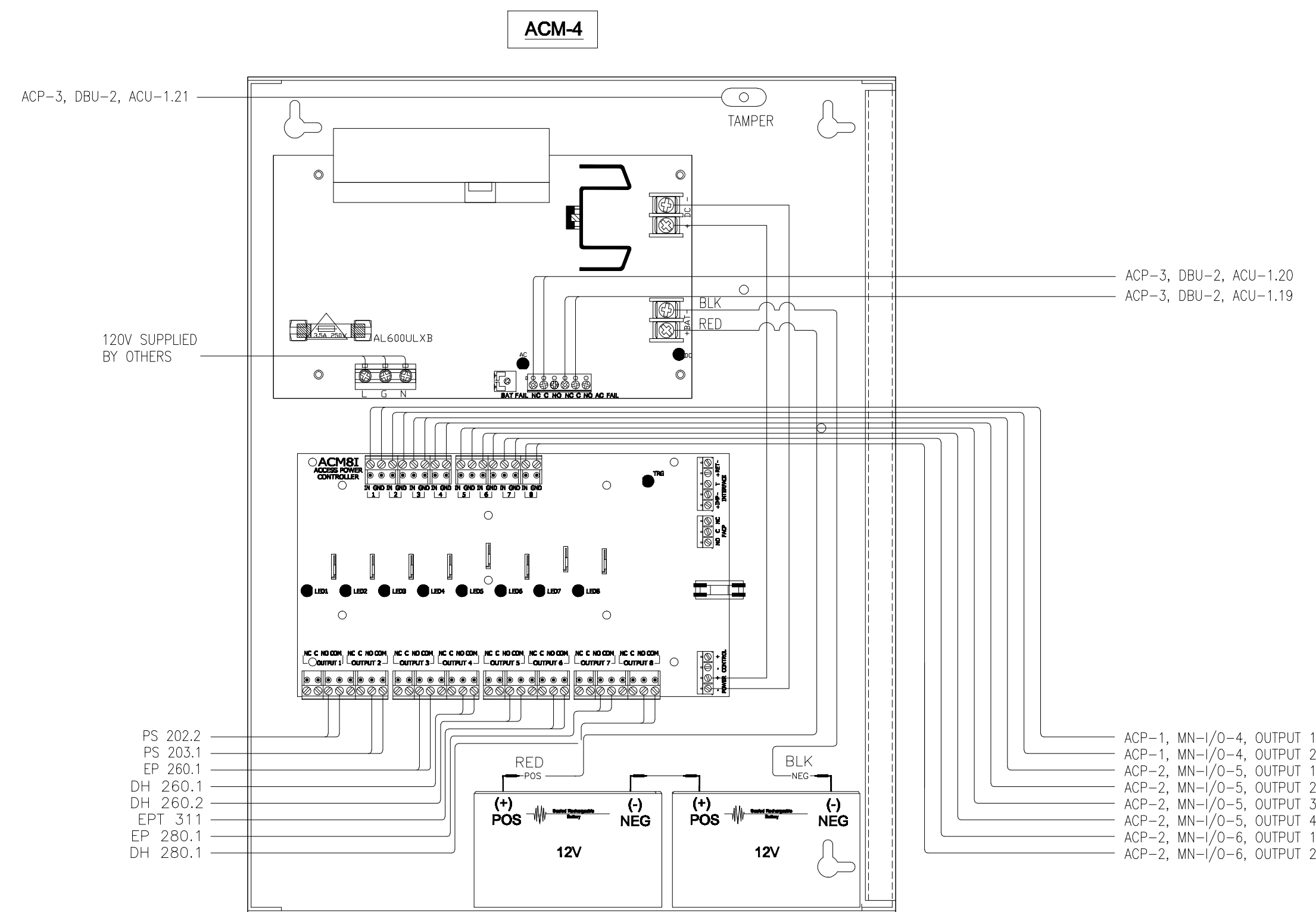
B SECURITY SYSTEM 12 VOLT DEVICE POWER SUPPLIES
SCALE: NONE

Revision	Description	Date

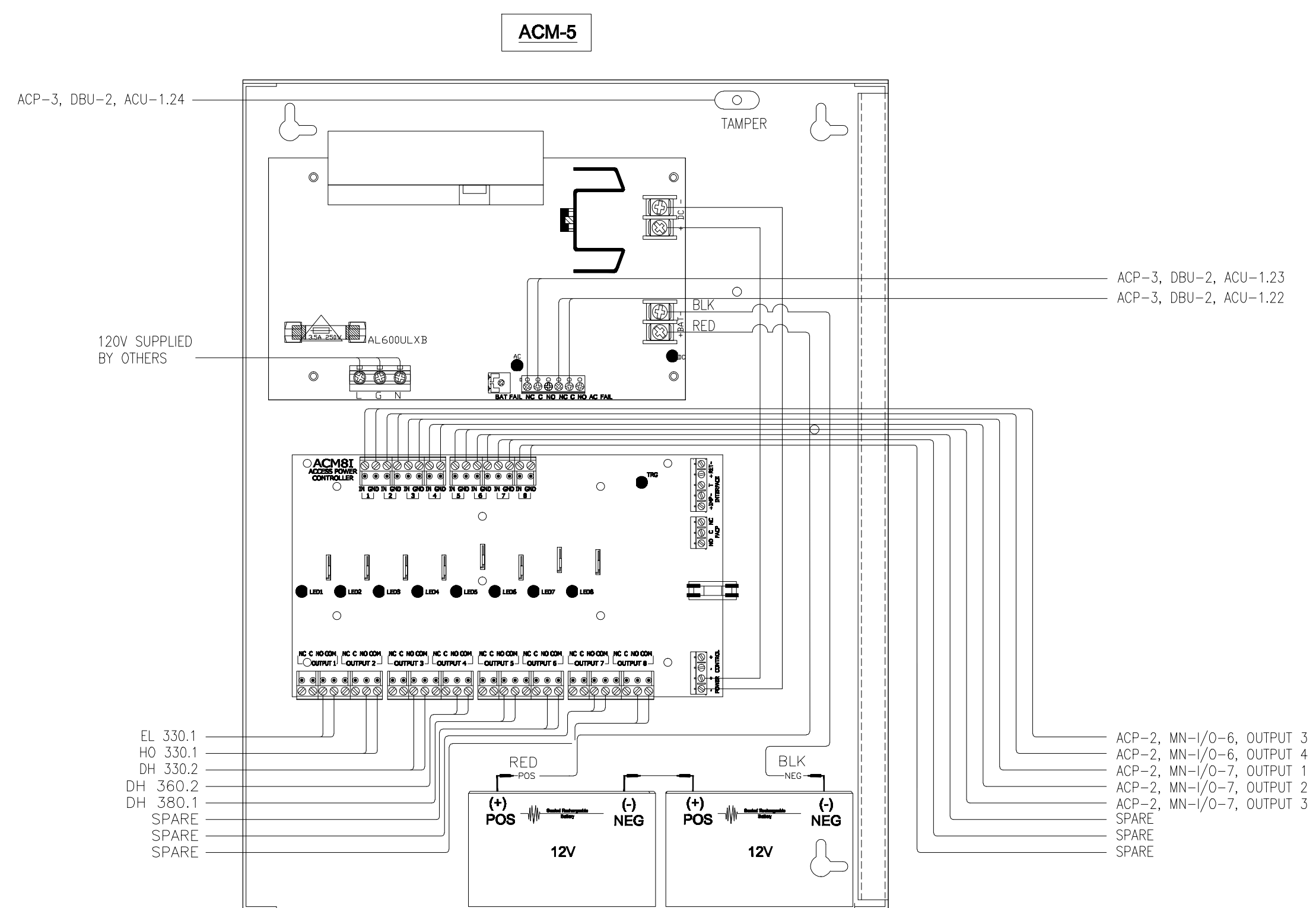
Revision	Description	Date
1000006	DSC Blockcheck	10/08/08
0622009	Coordination - Bulletin #4	06/22/09
0817009	Bulletin #4 Re-issuance	08/17/09
1006009	Door & Hardware Schedule Revision	10/06/09
0315110	Revisions for AS-Built Drawing Set	03/15/10
0427110	(Include arched camera locations)	04/27/10

Job No.	(1090208725)	0715.00
Date		8.1.08
Scale		NONE

SECURITY SYSTEM
ACAMS POWER SUPPLIES
POINT-TO-POINT
WIRING DIAGRAM



A SECURITY SYSTEM 24 VOLT LOCK POWER SUPPLIES
SCALE: NONE



B SECURITY SYSTEM 24 VOLT LOCK POWER SUPPLIES
SCALE: NONE

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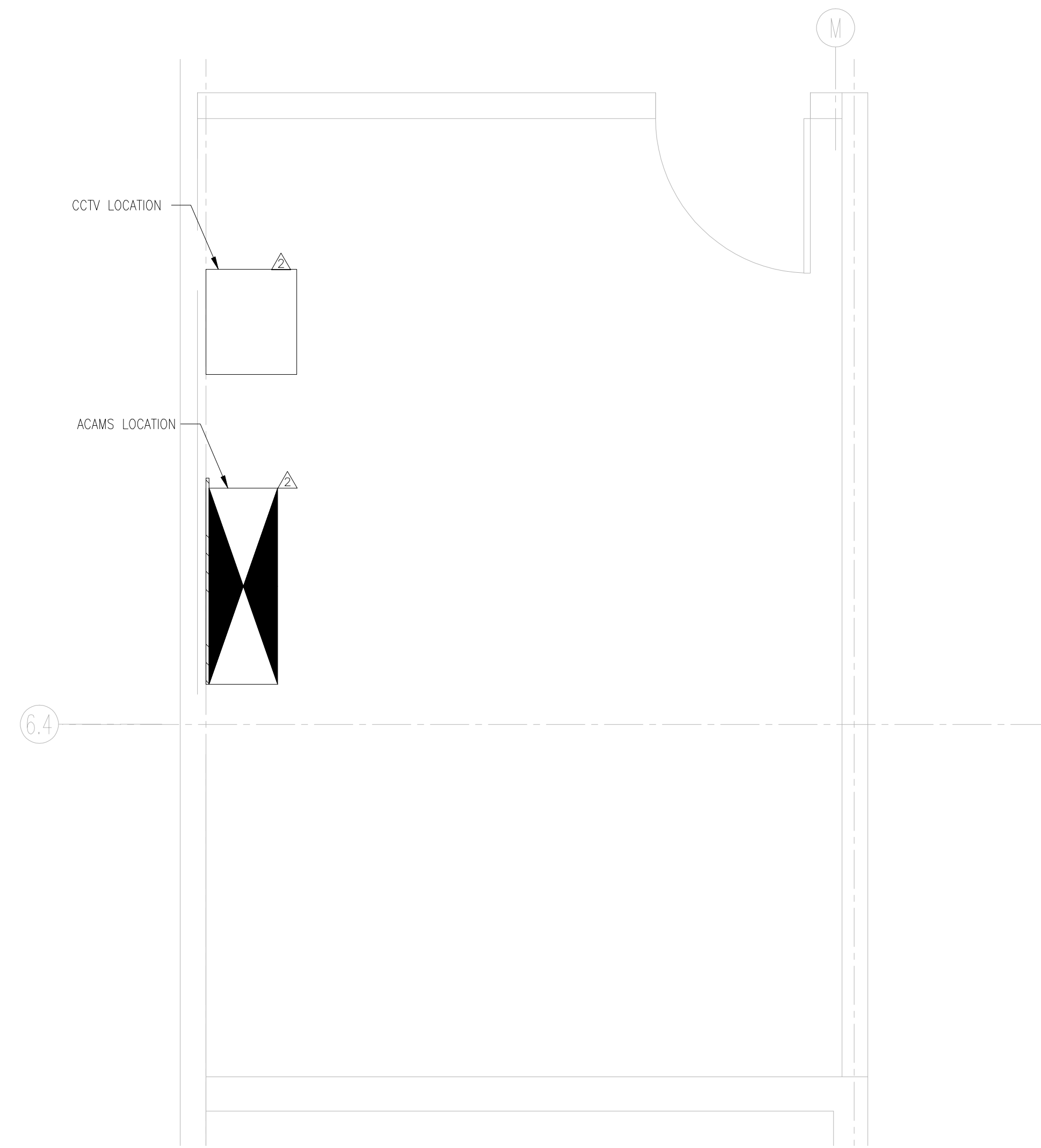
College of San Mateo
Building 5N
Bulletin #4
San Mateo, CA
Developed for
San Mateo County Community College District

Revision	Description	Date
1	1000006	10/06/06
2	0825009	08/25/09
3	0817709	08/17/09
4	1000009	10/06/09
5	0310510	03/10/10
6	0427110	04/27/10

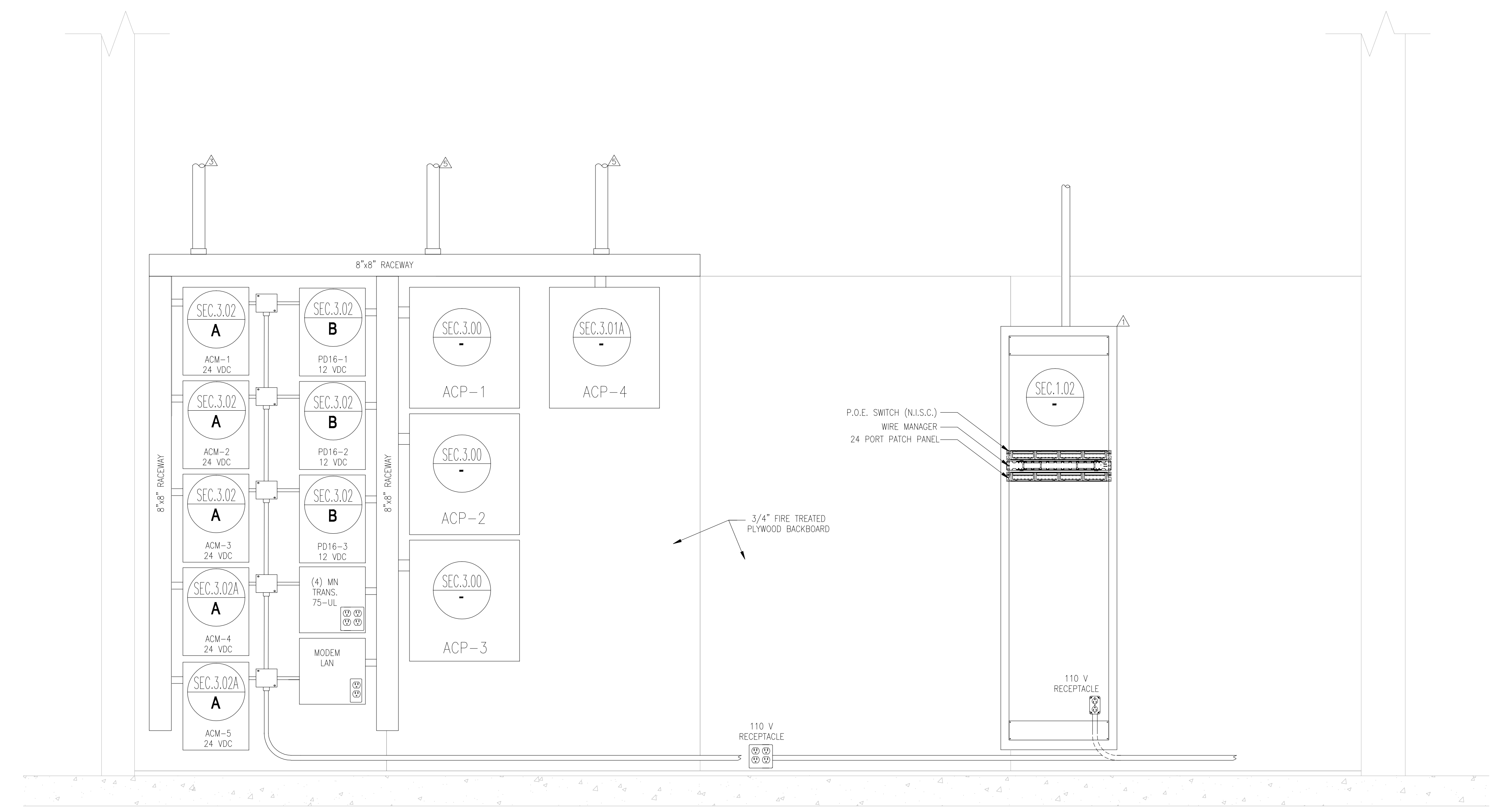
Revision	Description	Date
1	DSC Blockwork	10/06/06
2	Coordination - Bulletin #4	08/25/09
3	Bulletin #4 Re-normal	08/17/09
4	Door & Hardware Schedule Revision	10/06/09
5	Revision for AS-Built Drawing Set	03/10/10
6	Revision for AS-Built Drawing Set (include correct locations)	04/27/10

Job No. (1090208725)	0718.00
Date	8.1.09
Scale	NONE

SECURITY SYSTEM
ACAMS POWER SUPPLIES
POINT-TO-POINT
WIRING DIAGRAM CONT'D.



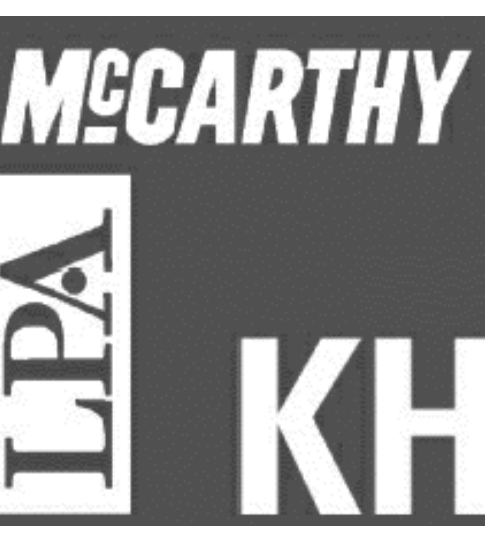
1 SECURITY SYSTEM MDF ROOM PLAN DETAIL
SCALE: N.T.S.



2 SECURITY SYSTEM MDF ROOM LAYOUT DETAIL ELEVATION
SCALE: N.T.S.

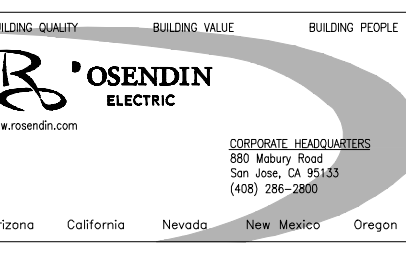
SHEET NOTES:

- △ CCTV CABINET IS DIAGRAMMATIC ONLY. PROVIDED AND INSTALLED BY S.M.C.C.D. SECURITY CONTRACTOR. PROVIDED PATCH PANEL, WIRE MANAGER, AND PATCH CORDS PER S.M.C.C.D. STANDARD. S.M.C.C.D. PROVIDED, INSTALLED, AND CONFIGURED P.O.E. SWITCH.
- △ APPROXIMATE LOCATION ONLY.
- △ 4" CONDUIT TO FIRST FLOOR ABOVE DOOR S13.1.
- △ 4" CONDUITS FOR SECOND AND THIRD FLOORS. STUB INTO CORRIDORS 205B AND 320A.



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IDENTIFICATION STAMP
DIVISION OF THE STATE
ARCHITECT
APPL. NO. 01-109870



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College of San Mateo
Building 5N
Bulletin #4
San Mateo, CA
Developed for
San Mateo County Community College District

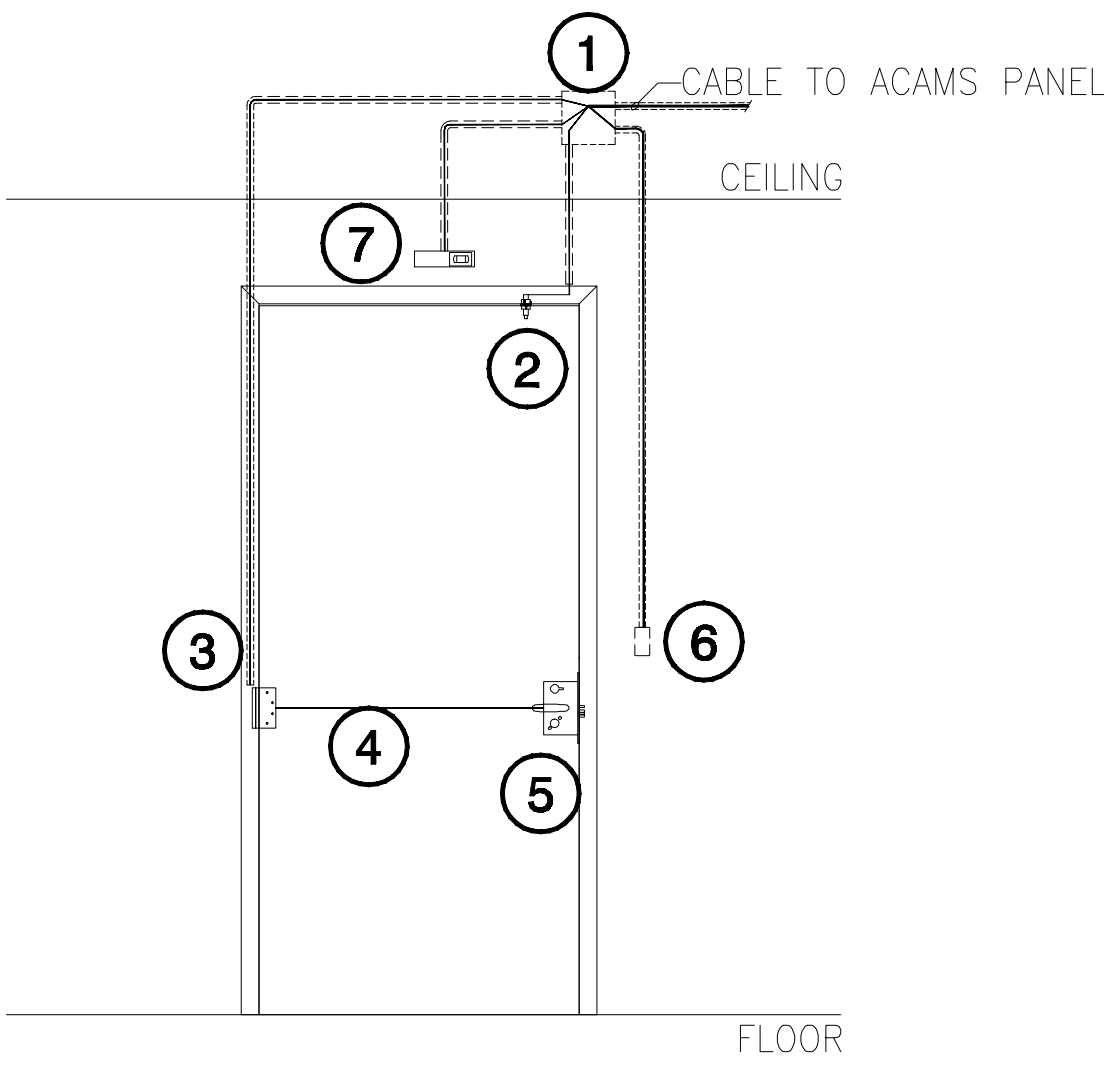
Revision	Description	Date

Revision	Description	Date

Job No. (10602038725) 0715.00
Date 8.1.09
Scale NONE

SECURITY SYSTEM
MDF EQUIPMENT
DETAILS &
ELEVATION

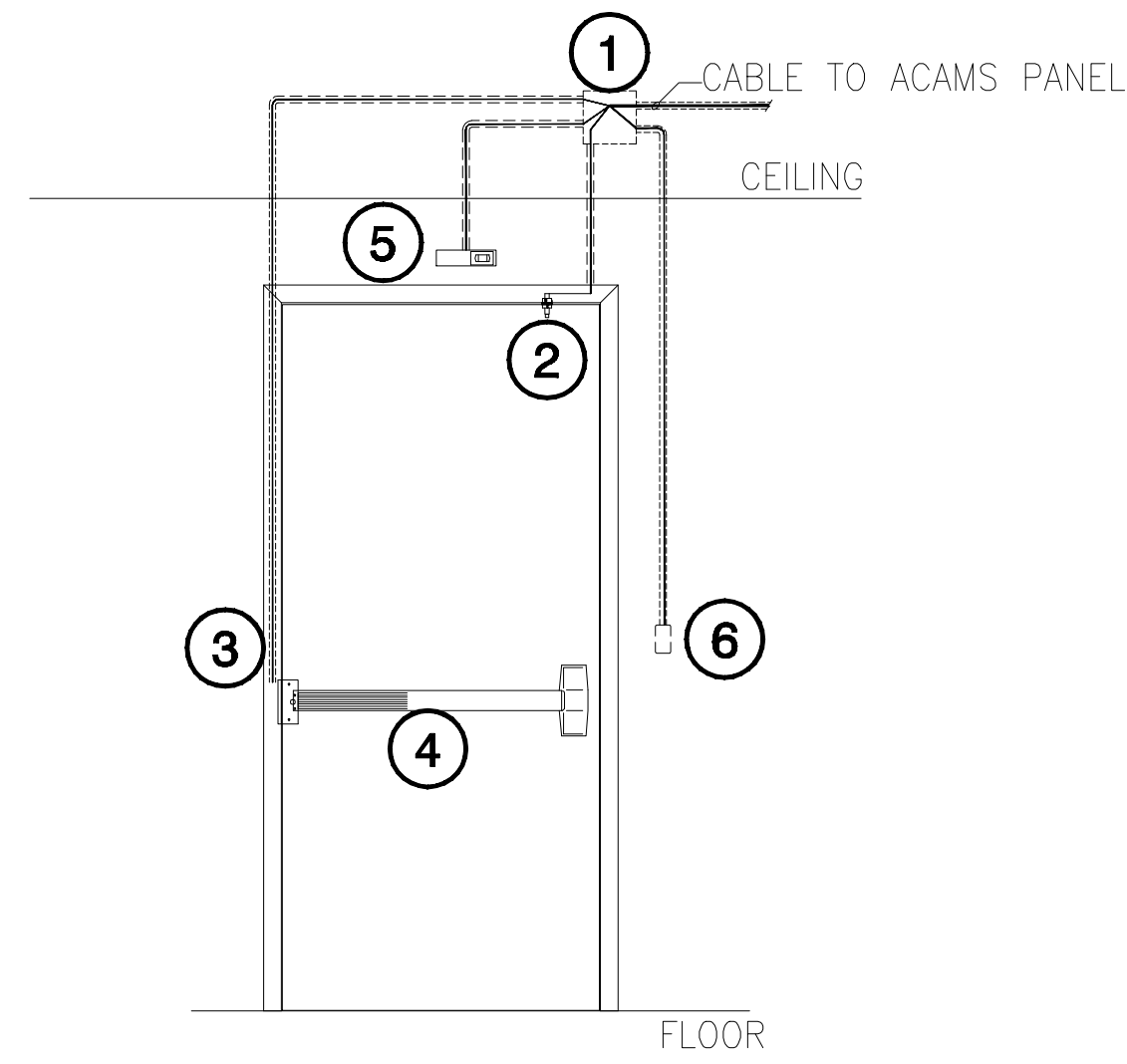
SEC.4.00



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR POWER TRANSFER HINGE.
- ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER HINGE TO LOCK.
- ⑤ ELECTROMECHANICAL LOCKSET.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
- ⑦ REQUEST TO EXIT MOTION SENSOR.

A CARD READER OR KEYFOB MUST ALWAYS BE USED TO UNLOCK THIS DOOR.

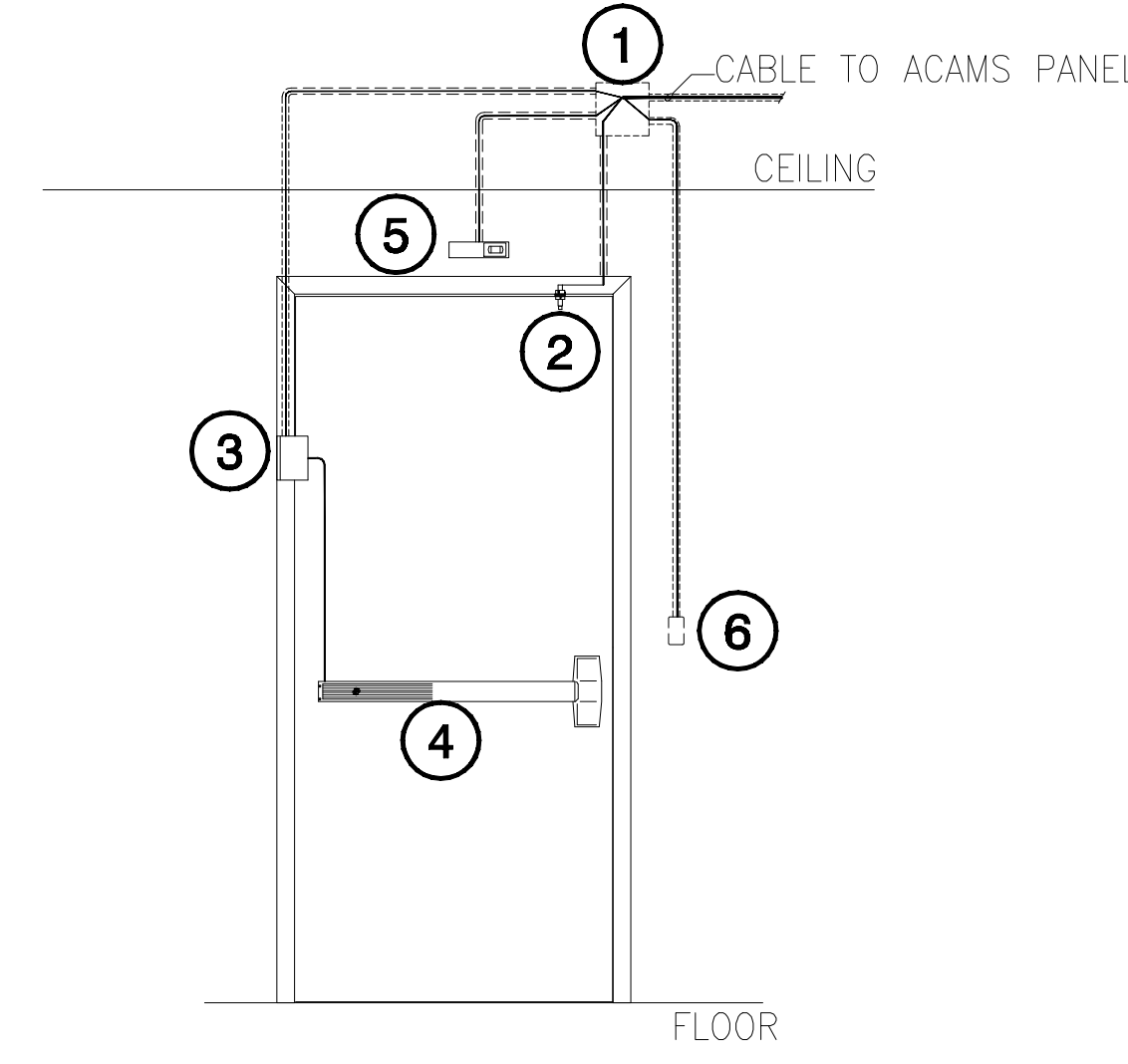
A CARD READER DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR POWER TRANSFER HINGE.
- ④ ELECTRIFIED PANIC BAR.
- ⑤ REQUEST TO EXIT MOTION SENSOR.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.

A CARD READER OR KEYFOB MUST ALWAYS BE USED TO UNLOCK THIS DOOR.

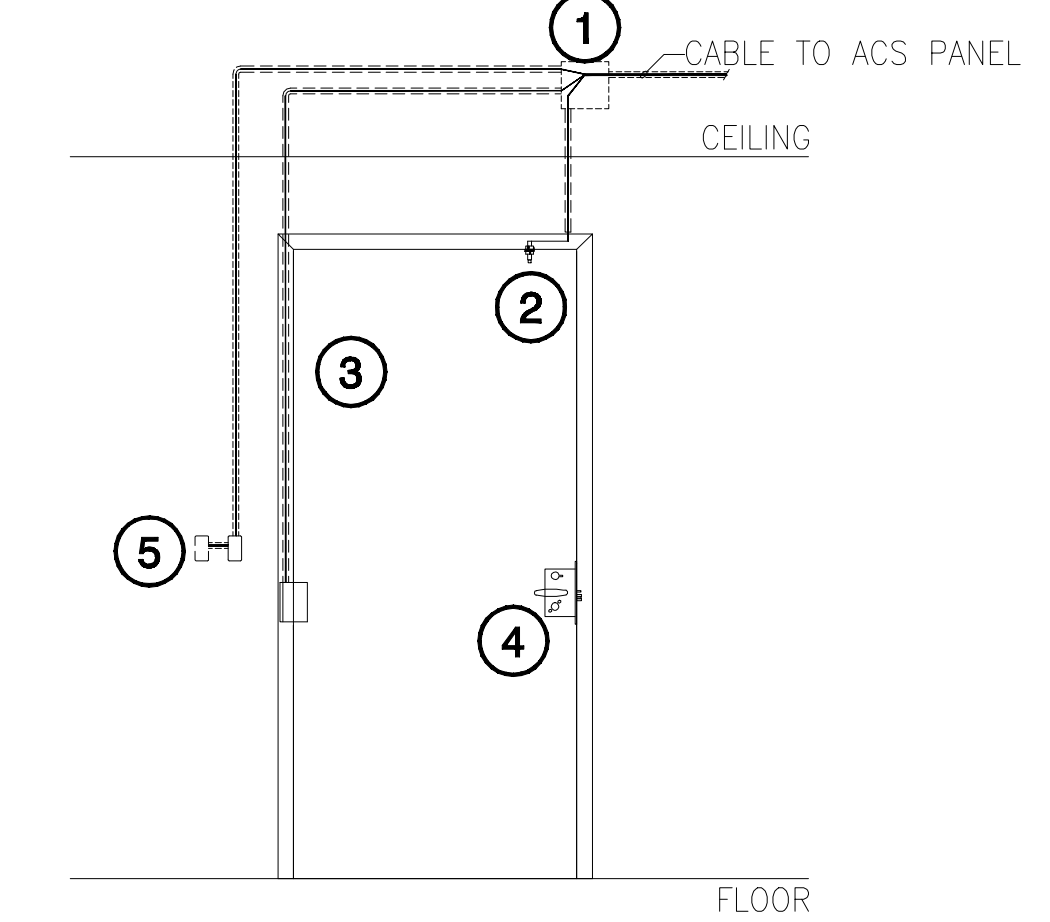
B CARD READER DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
- ④ ELECTRIFIED PANIC BAR.
- ⑤ REQUEST TO EXIT MOTION SENSOR.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.

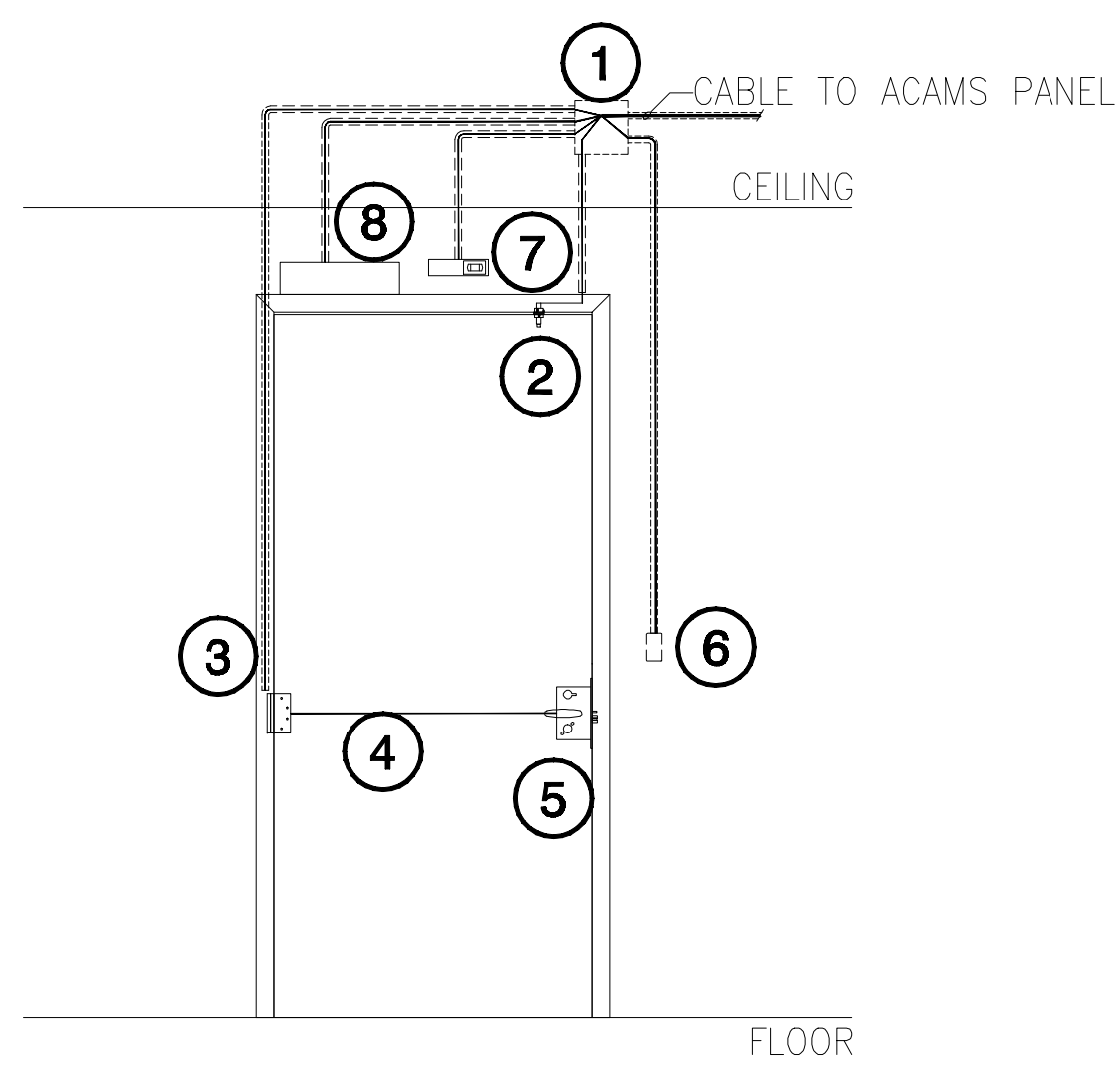
A CARD READER OR KEYFOB MUST ALWAYS BE USED TO UNLOCK THIS DOOR.

C CARD READER DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' AFF.
- ② STUB CONDUIT INTO HEAD OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC STRIKE.
- ④ ELECTRIFIED STRIKE.
- ⑤ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RINGS FLUSH MOUNTED FOR CARD READER 42" A.F.F. INSTALL CARD READERS ON EACH SIDE OF DOOR WITH A 12" OFFSET OF EACH OTHER.

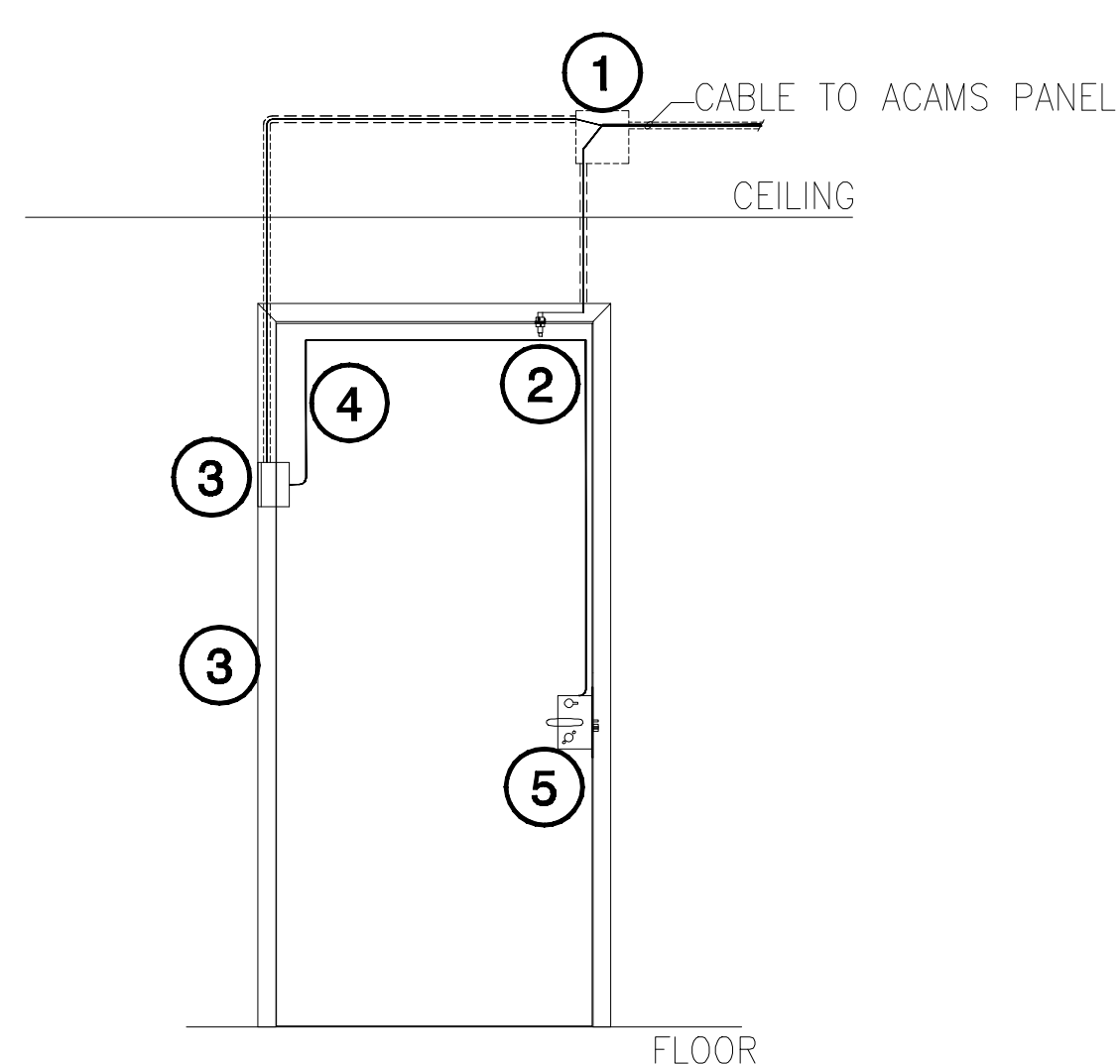
D CARD READER DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR POWER TRANSFER HINGE.
- ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER HINGE TO LOCK.
- ⑤ ELECTROMECHANICAL LOCKSET.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
- ⑦ REQUEST TO EXIT MOTION SENSOR.
- ⑧ DOOR HOLD OPEN DEVICE.

THIS DOOR IS UNLOCKED DURING SCHOOL HOURS, THE DOOR IS HELD OPEN, AND THE CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE HOLD OPEN DEVICE CAUSING THE DOOR TO SHUT, THE DOOR IS THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACT IS ENABLED. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. THERE IS NO FIRE ALARM INTEGRATION TO THIS DOOR.

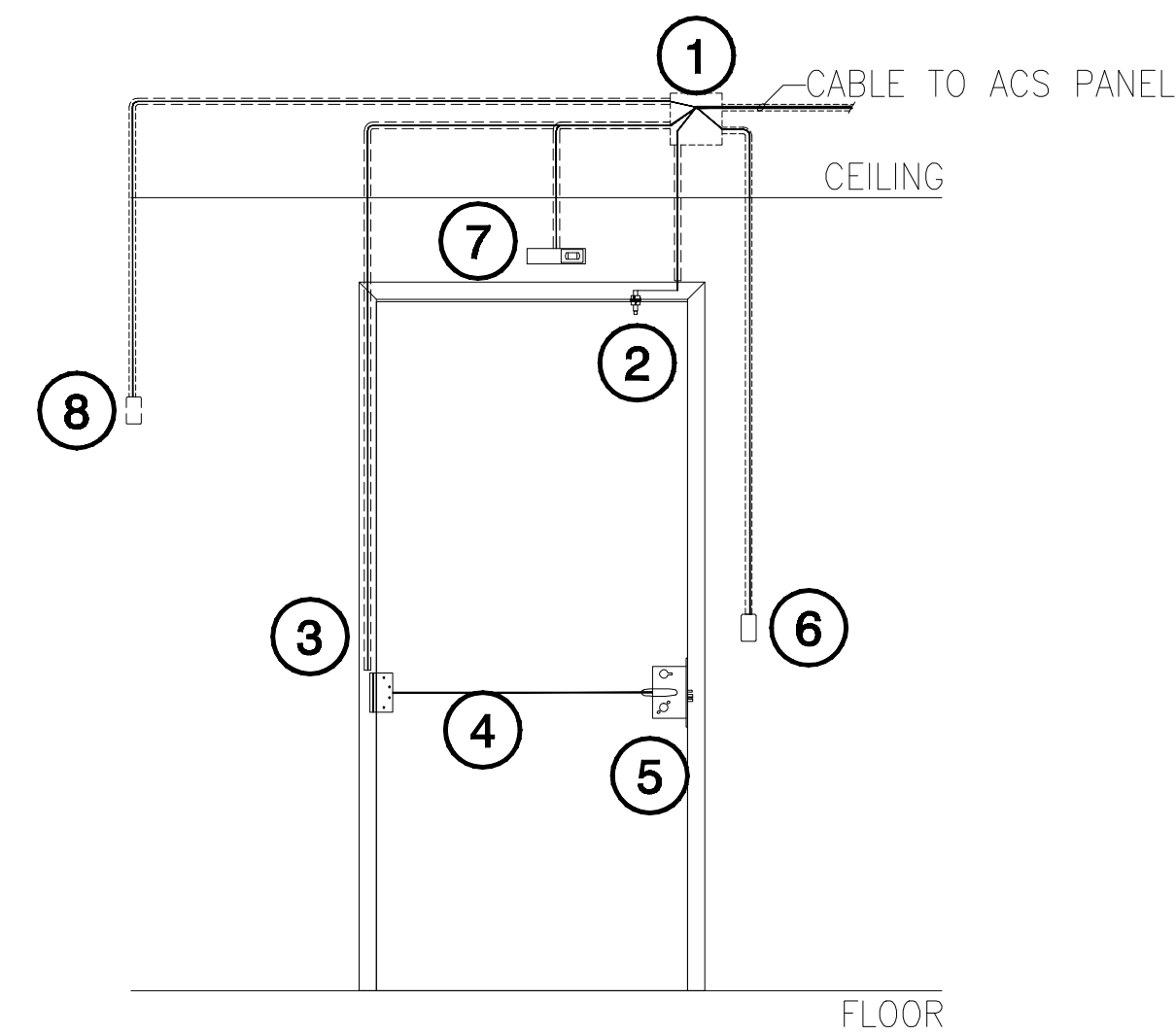
E HOLD OPEN DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
- ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER HINGE TO LOCK.
- ⑤ ELECTROMECHANICAL LOCKSET WITH REQUEST TO EXIT SWITCH.

THIS DOOR IS UNLOCKED DURING SCHOOL HOURS AND THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE DOOR IS LOCKED FROM THE OUTSIDE AND THE DOOR CONTACT IS ENABLED. THE REQUEST TO EXIT SWITCH IN THE LOCKSET SHALL SERVE TO GRANT EGRESS AFTER HOURS.

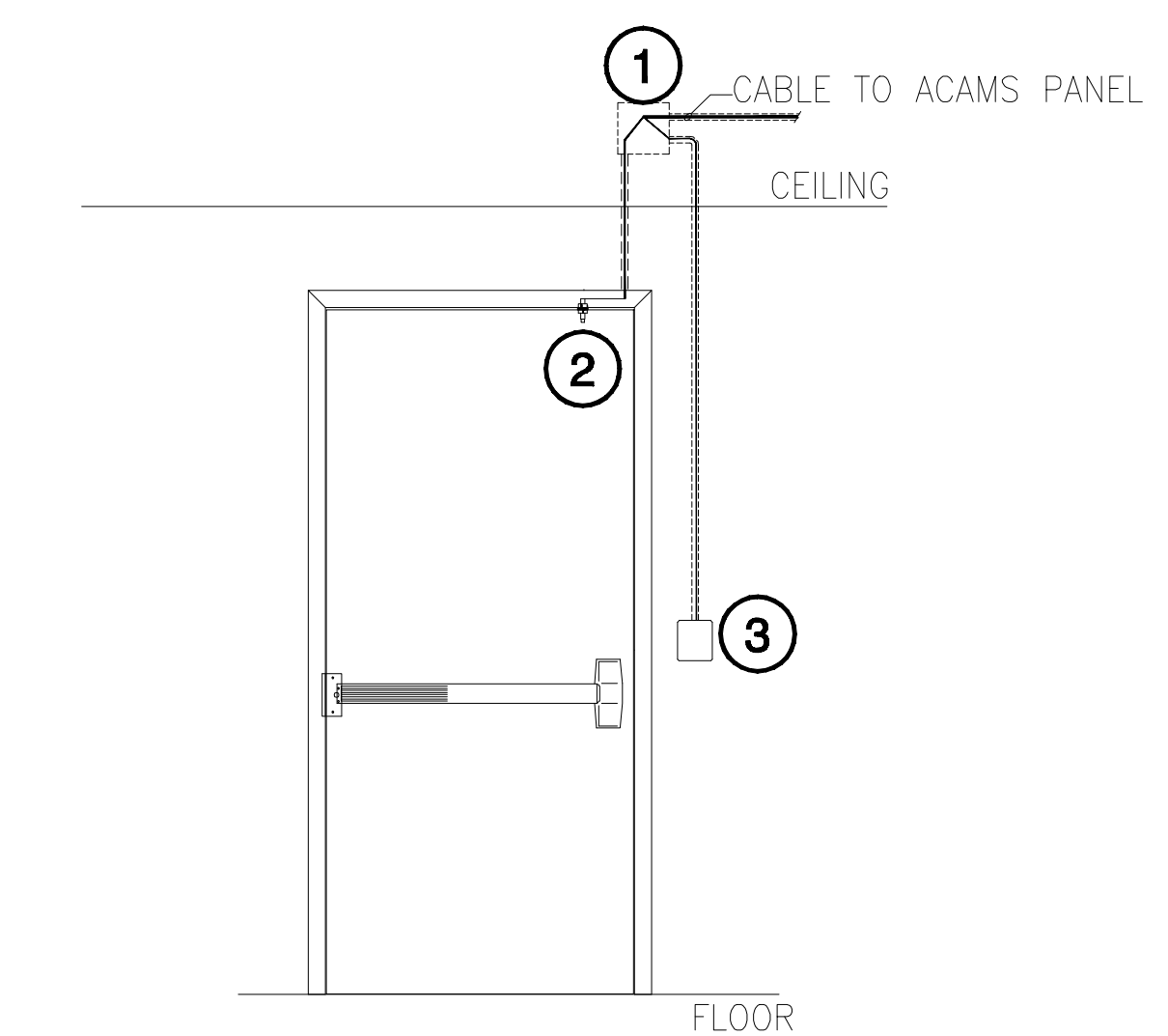
F SCHEDULED UNLOCK DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
- ③ STUB CONDUIT DOWN DOOR FRAME FOR POWER TRANSFER HINGE.
- ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER HINGE TO LOCK.
- ⑤ ELECTROMECHANICAL LOCKSET.
- ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
- ⑦ REQUEST TO EXIT MOTION SENSOR.
- ⑧ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR MAGNETIC DOOR HOLDER. MOUNT AT APPROX. 28" FROM EDGE OF DOOR FRAME AND 78" A.F.F. SO THE ARMATURE WILL RESIDE 6" BELOW TOP AND SIDE EDGES OF DOOR LEAF.

THIS DOOR IS UNLOCKED DURING SCHOOL HOURS, THE DOOR IS HELD OPEN, AND THE CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE HOLD OPEN DEVICE CAUSING THE DOOR TO SHUT, THE DOOR IS THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACT IS ENABLED. A CARD OR KEYFOB WILL BE REQUIRED FOR INGRESS AFTER HOURS. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. THERE IS NO FIRE ALARM INTEGRATION TO THIS DOOR.

G HOLD OPEN DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' A.F.F.
- ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR DPDT CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- ③ PROVIDE 2 1/2" DEEP TWO GANG BOX FLUSH MOUNTED FOR LOCAL ALARM UNIT 42" AFF OC.

THIS IS AN EMERGENCY EXIT DOOR WITH A LOCAL ALARM. AN ALARM WILL SOUND AT THE DOOR AND NOTIFY THE A.C.A.M.S ANY TIME IT IS OPENED.

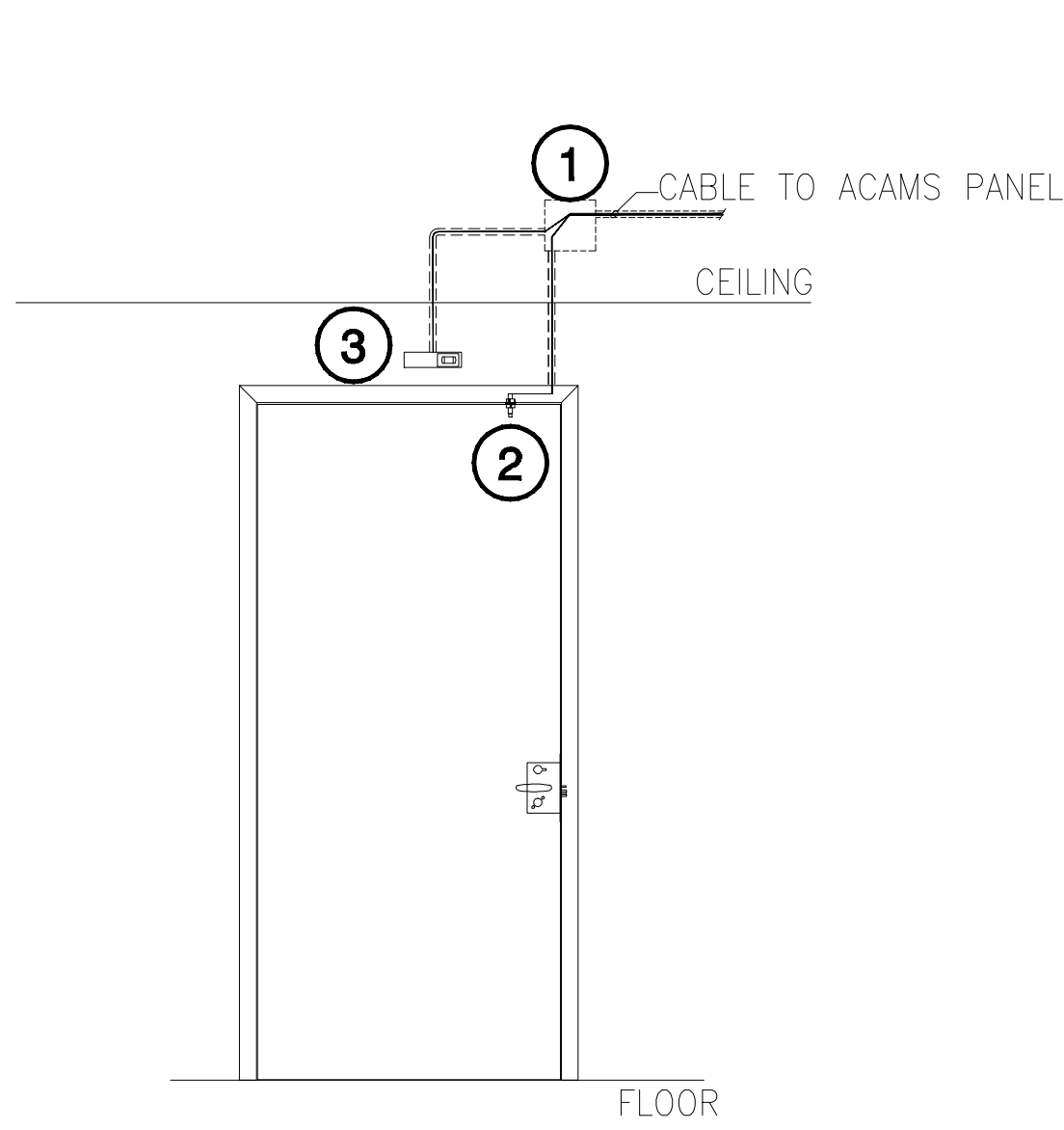
H EMERGENCY EXIT DOOR
SCALE: N.T.S.

Date	Revision	Description

Revision	Description	Date
1000008	DCS Blockwork	10/06/08
0622009	Coordination - Bulletin #4	06/22/09
0817009	Bulletin #4 Revisions	08/17/09
1008009	Door & Hardware Schedule Revision	10/08/09
0315010	Revision #4 - Add Door Opening Set	03/15/10
0427010	(Include arched curtain locations)	04/27/10

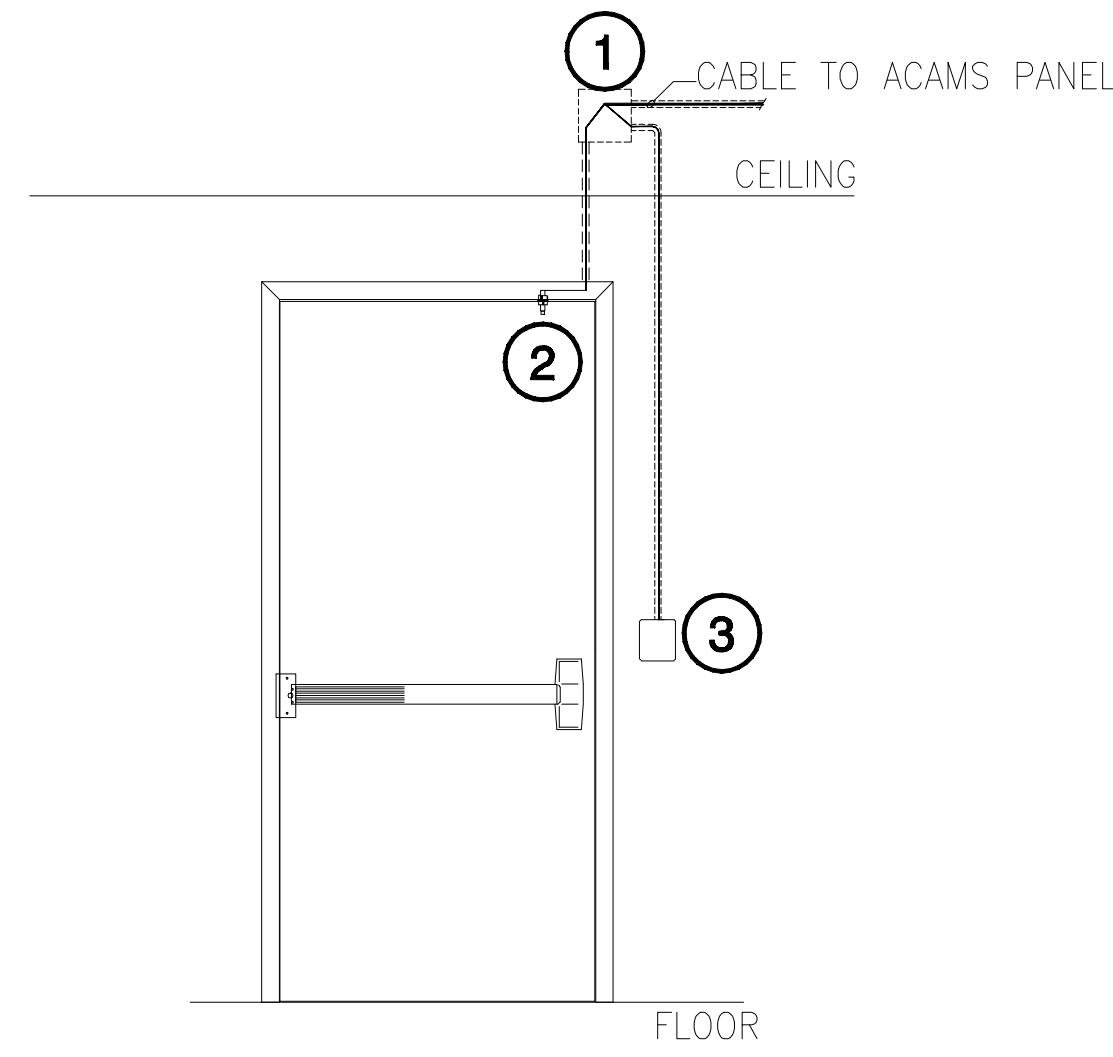
Job No. (10902008725)	071500
Date	8.1.08
Scale	N.T.S.

SECURITY SYSTEM
DOOR DETAILS
SHEET 1



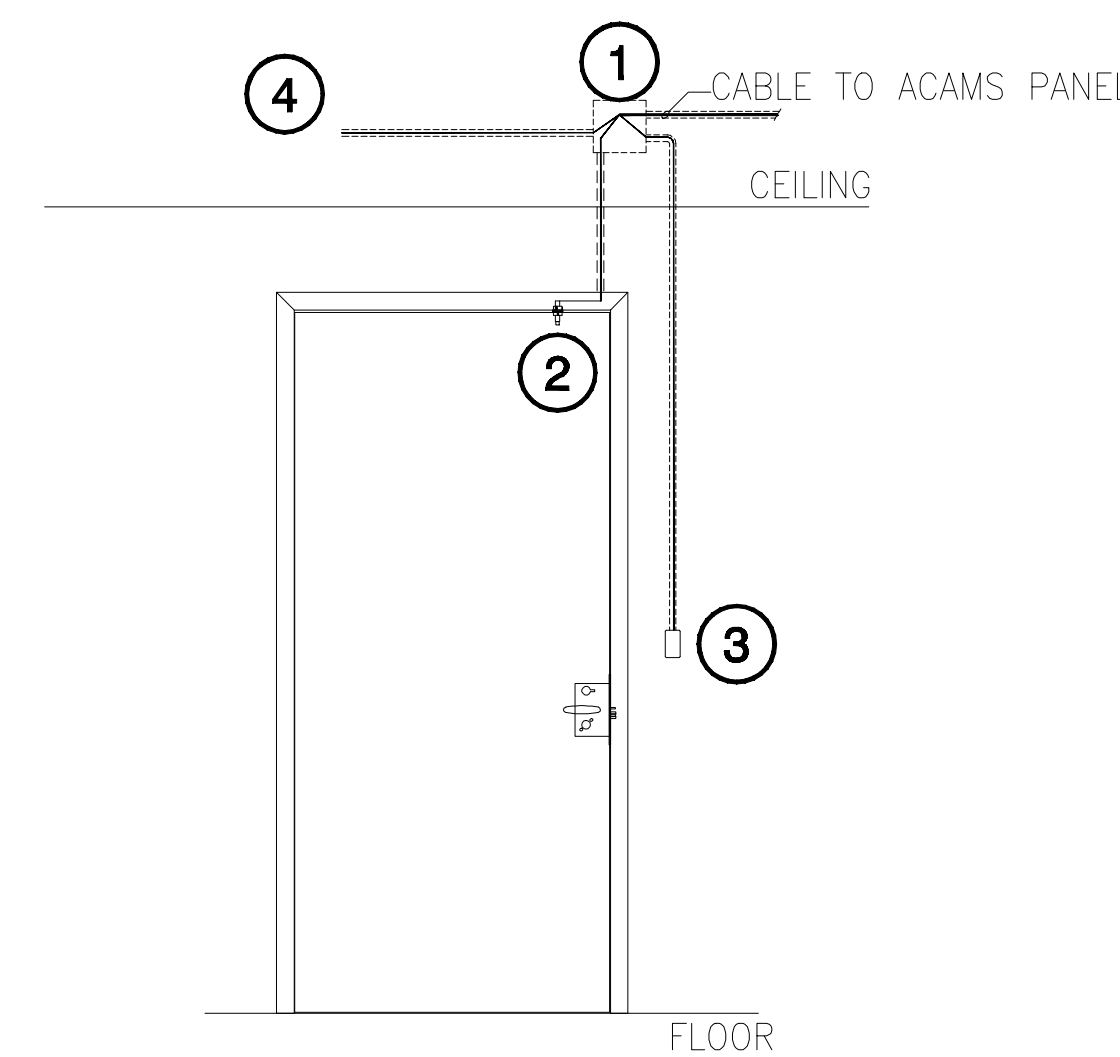
- 1 PROVIDE JUNCTION BOX 10' A.F.F.
- 2 STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- 3 REQUEST TO EXIT MOTION SENSOR.

THIS IS AN EXIT ONLY DOOR. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS.



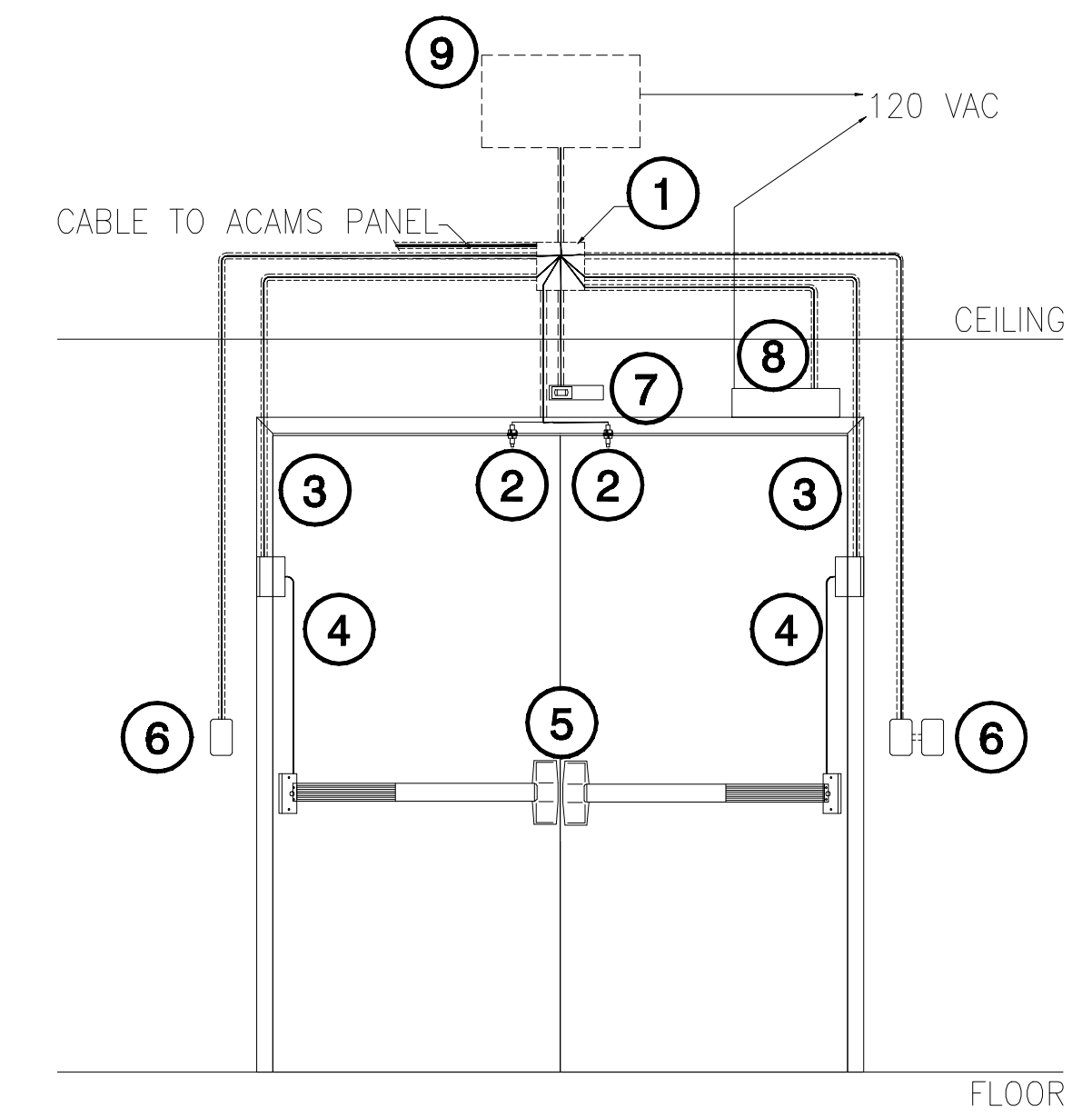
- 1 PROVIDE JUNCTION BOX 10' A.F.F.
- 2 STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- 3 PROVIDE 2 1/2" DEEP TWO GANG BOX FLUSH MOUNTED FOR LOCAL ALARM UNIT 42" A.F.F. O.C.

THIS IS AN EMERGENCY EXIT DOOR WITH A LOCAL ALARM. AN ALARM WILL SOUND AT THE DOOR AND NOTIFY THE A.C.A.M.S ANY TIME IT IS OPENED.



- 1 PROVIDE JUNCTION BOX 10' A.F.F.
- 2 STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- 3 PROVIDE FLUSH MOUNTED SINGLE GANG BOX FOR KEY SWITCH AT 42" A.F.F.
- 4 TO DOORS 201.2 AND 201.3 DOOR CONTACTS.

THE KEY SWITCH ON THIS DOOR SHALL SERVE TO DISABLE THE DOOR CONTACTS ALARMING FUNCTION FOR THIS DOOR AND THE TWO SMALL SLIDING DOORS, 201.2 AND 201.3. TIE THE THREE CONTACTS FOR THESE DOORS TOGETHER AS ONE POINT.



- 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-873-2-40

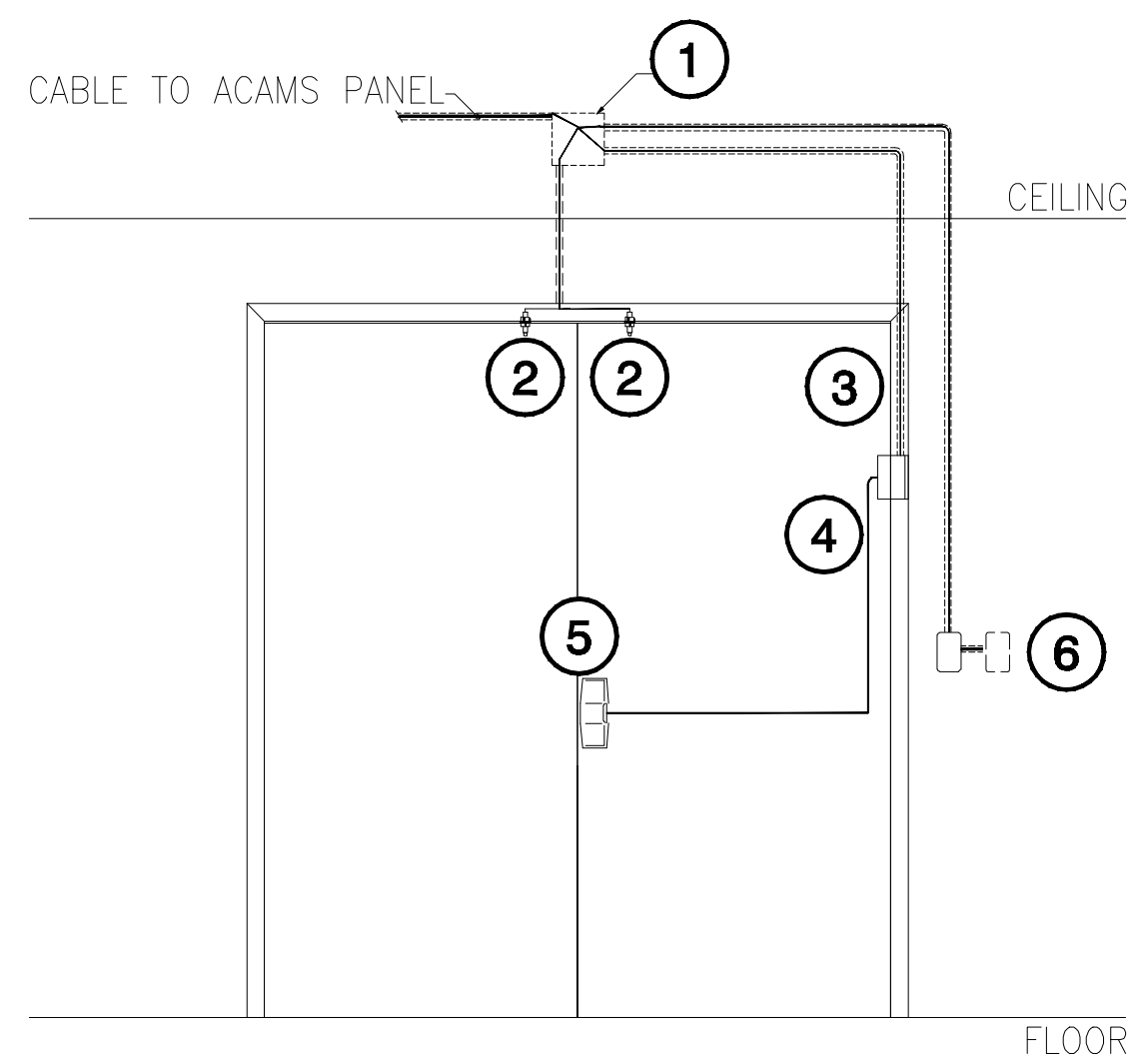
THIS DOOR IS UNLOCKED DURING SCHOOL HOURS, THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. ADA ACTUATOR WILL OPERATE THE OPENER. AFTER HOURS THE DOOR IS LOCKED, THE EXTERIOR ADA ACTUATOR IS DISABLED, THE CARD READER SHALL GRANT INGRESS, AND THE INTERIOR ADA ACTUATOR OR REQUEST TO EXIT WILL GRANT EGRESS.

I MONITORED DOOR
SCALE: N.T.S.

J EMERGENCY EXIT DOOR
SCALE: N.T.S.

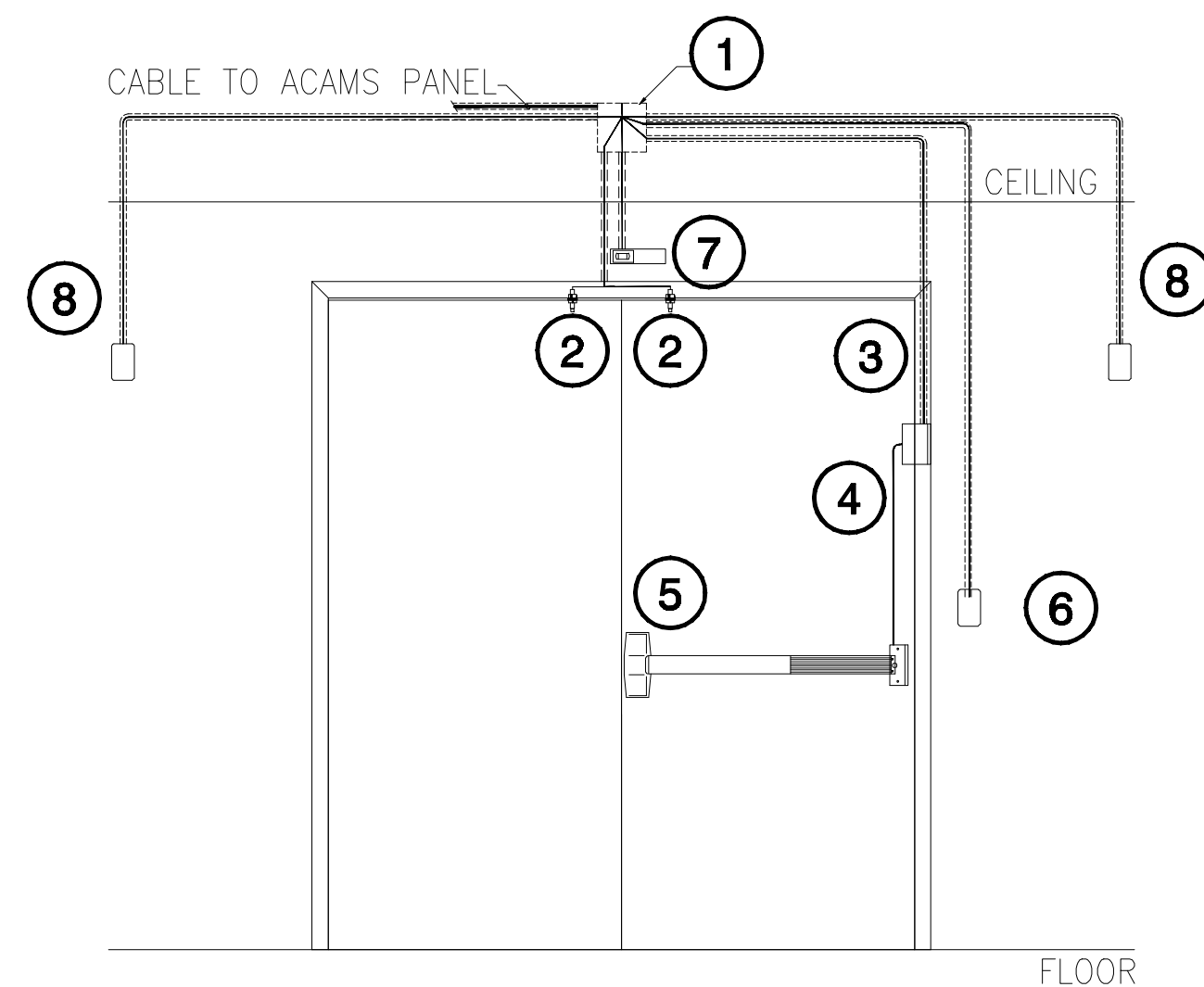
K MONITORED DOOR
SCALE: N.T.S.

L CARD READER DOOR (ADA)
SCALE: N.T.S.



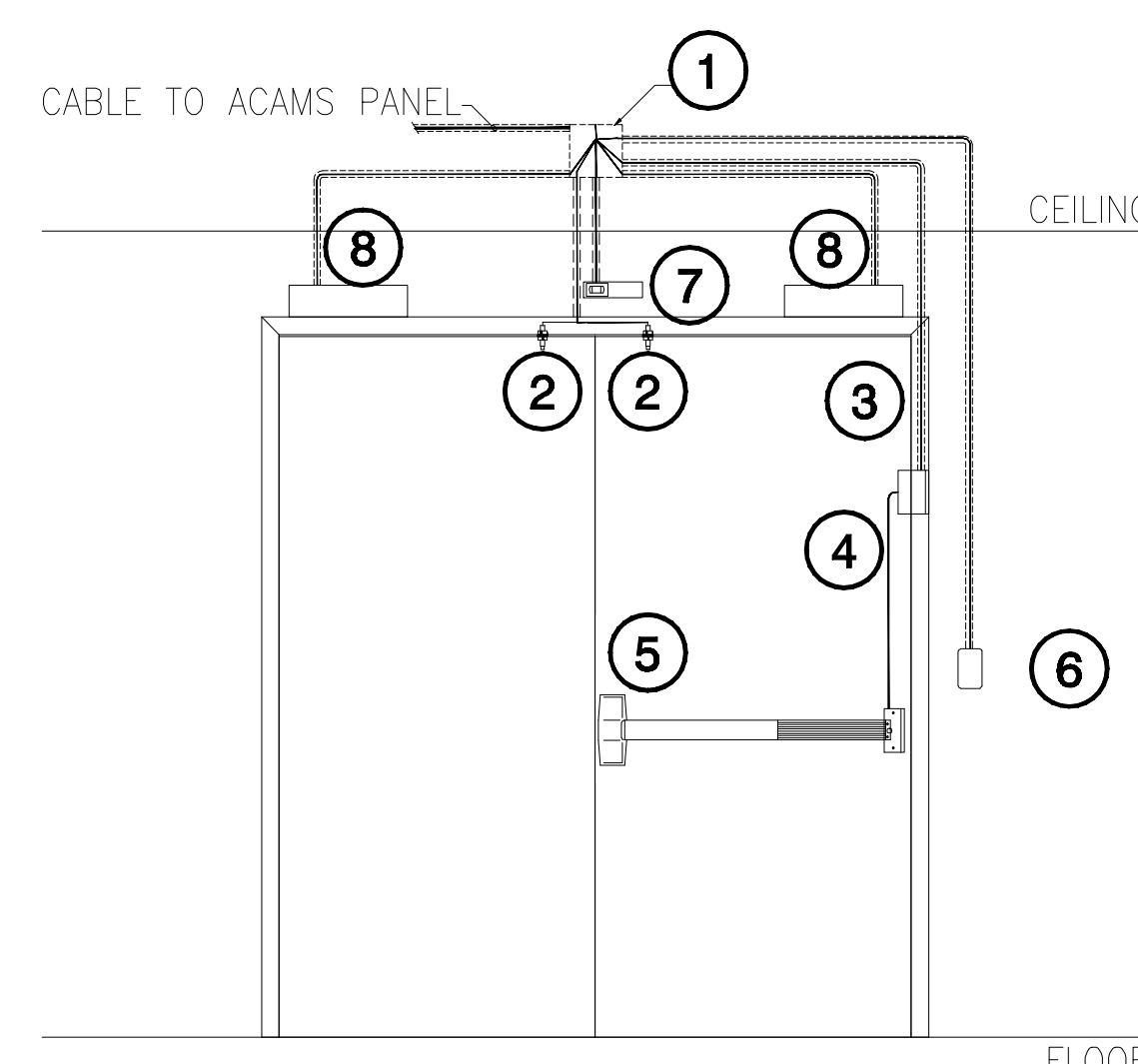
- 1 JUNCTION BOX 10' AFF.
- 2 STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- 3 STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
- 4 WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED STRIKE.
- 5 ELECTRIFIED STRIKE.
- 6 PROVIDE 4" x 4" x 2 1/8" DEEP BOXES WITH SINGLE GANG DEVICE RINGS FLUSH MOUNTED FOR CARD READERS 42" A.F.F. INSTALL CARD READERS ON EACH SIDE OF DOOR WITH A 12" OFFSET OF EACH OTHER.

A CARD READER OR KEYFOB MUST ALWAYS BE USED TO UNLOCK THIS DOOR.



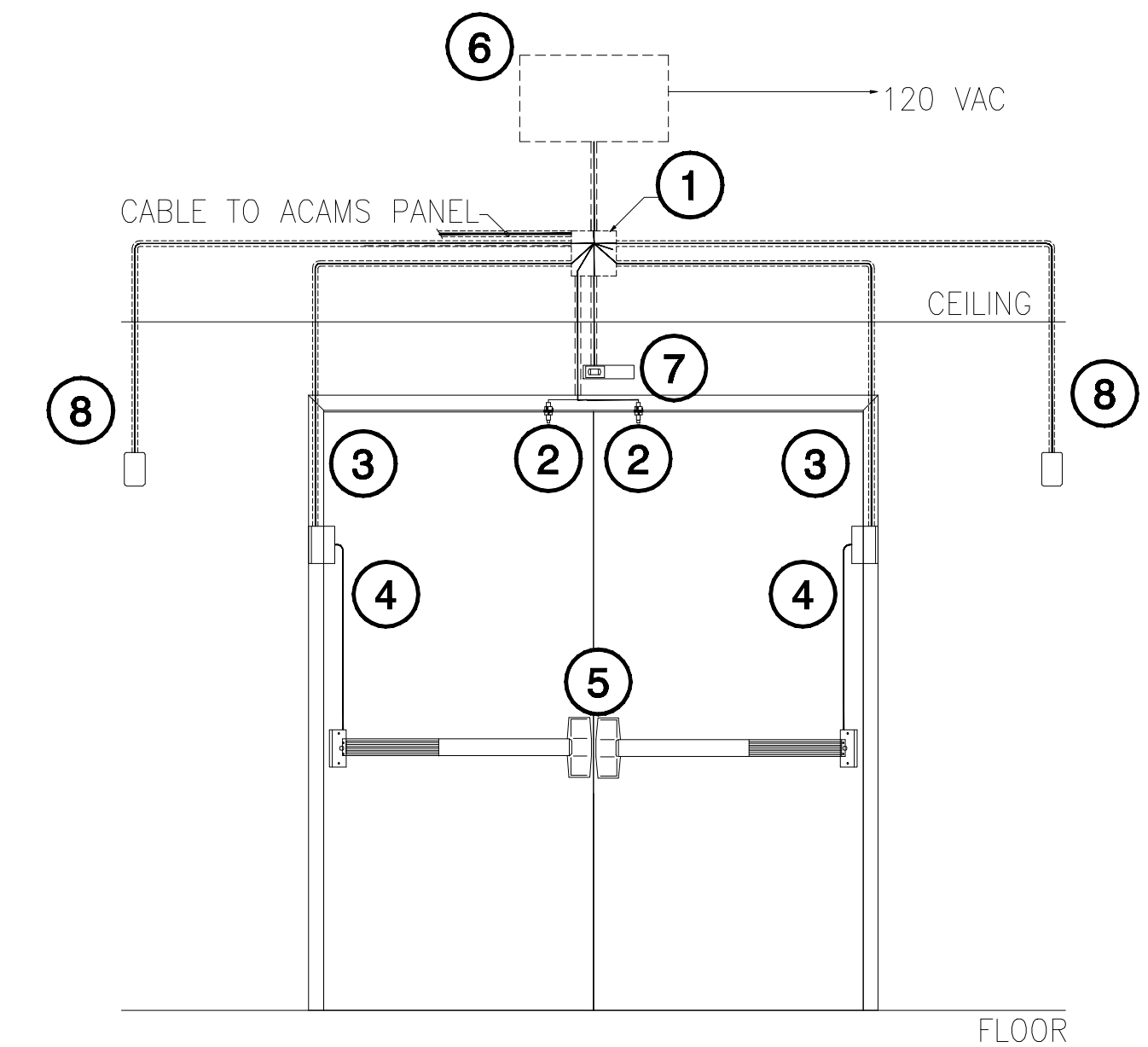
- 1 JUNCTION BOX 10' AFF.
- 2 STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
- 3 STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
- 4 WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED PANIC BAR.
- 5 ELECTRIFIED PANIC BAR.
- 6 PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
- 7 REQUEST TO EXIT MOTION SENSOR.
- 8 INTEGRATE TO MAGNETIC DOOR HOLDERS, FIRE ALARM SYSTEM.

THESE DOORS ARE UNLOCKED DURING SCHOOL HOURS AND ARE HELD OPEN, THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE MAGNETIC DOOR HOLDERS CAUSING THE DOORS TO SHUT. THE DOORS ARE THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACTS ARE ENABLED. A CARD OR KEYFOB WILL BE REQUIRED FOR INGRESS AFTER HOURS. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. A RELAY WILL BE INSTALLED IN WHICH TO "LEG" THE DOOR HOLDER POWER THROUGH COMING FROM THE FIRE ALARM SYSTEM.



- 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 BAR.
- 6 PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
- 7 REQUEST TO EXIT MOTION SENSOR.
- 8 INTEGRATE TO DOOR HOLD OPEN DEVICE, FIRE ALARM SYSTEM.

THESE DOORS ARE UNLOCKED DURING SCHOOL HOURS AND ARE HELD OPEN, THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE HOLD OPEN DEVICES CAUSING THE DOORS TO SHUT. THE DOORS ARE THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACTS ARE ENABLED. A CARD OR KEYFOB WILL BE REQUIRED FOR INGRESS AFTER HOURS. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. A RELAY WILL BE INSTALLED IN WHICH TO "LEG" THE DOOR HOLDER POWER THROUGH COMING FROM THE FIRE ALARM SYSTEM.



- 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 PS-873-2
- 7 REQUEST TO EXIT MOTION SENSOR.
- 8 PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR MAGNETIC DOOR HOLDER. MOUNT AT APPROX. 28" FROM EDGE OF DOOR FRAME AND 78" A.F.F. SO THE ARMATURE WILL RESIDE 6" BELOW TOP AND SIDE EDGES OF DOOR LEAF.

THESE DOORS ARE UNLOCKED DURING SCHOOL HOURS AND ARE HELD OPEN, THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE MAGNETIC DOOR HOLDERS CAUSING THE DOORS TO SHUT. THE DOORS ARE THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACTS ARE ENABLED. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. THERE IS NO FIRE ALARM INTEGRATION TO THIS DOOR.

M CARD READER DOOR
SCALE: N.T.S.

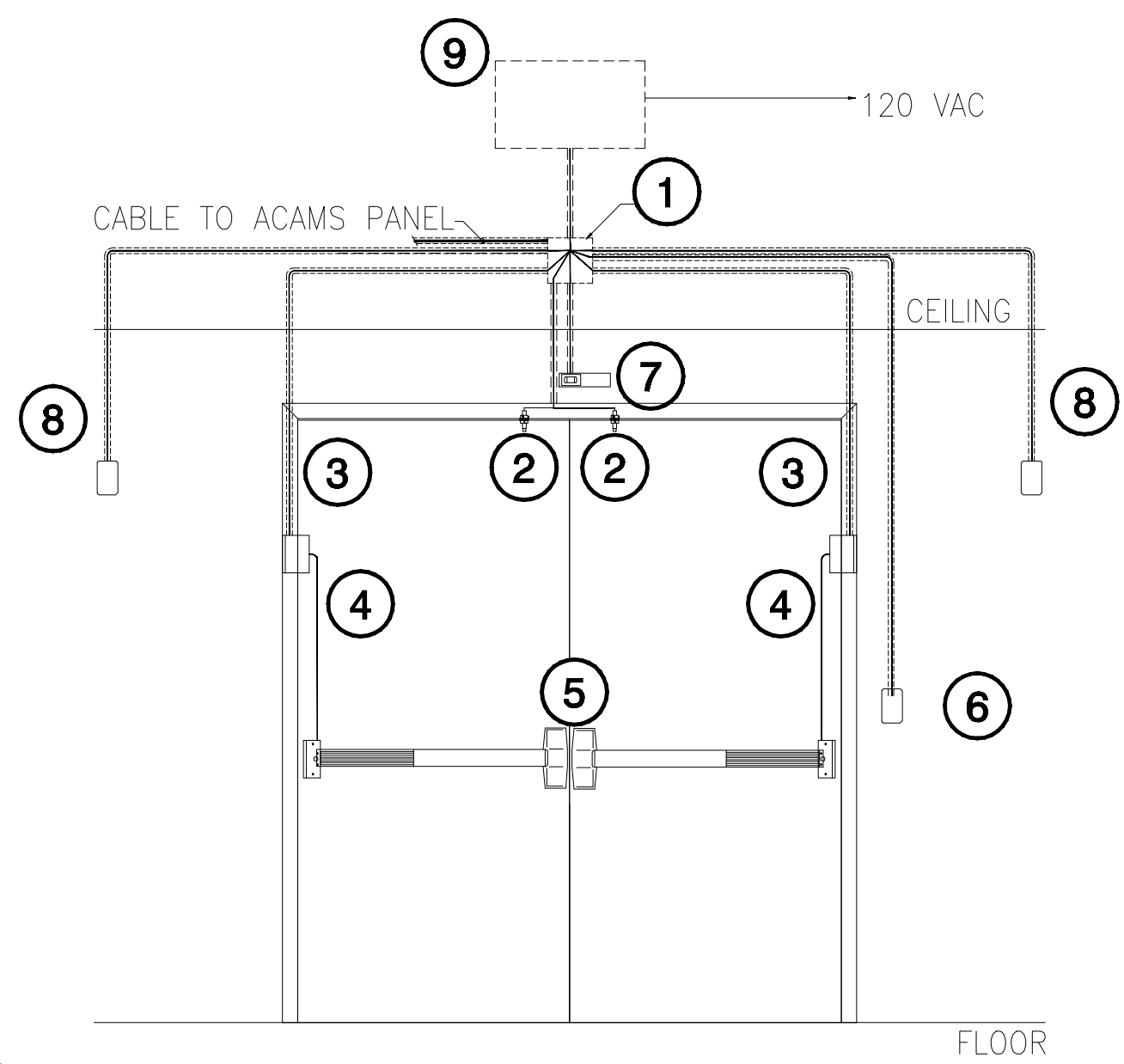
N HOLD OPEN DOOR
SCALE: N.T.S.

O HOLD OPEN DOOR
SCALE: N.T.S.

P HOLD OPEN DOOR
SCALE: N.T.S.

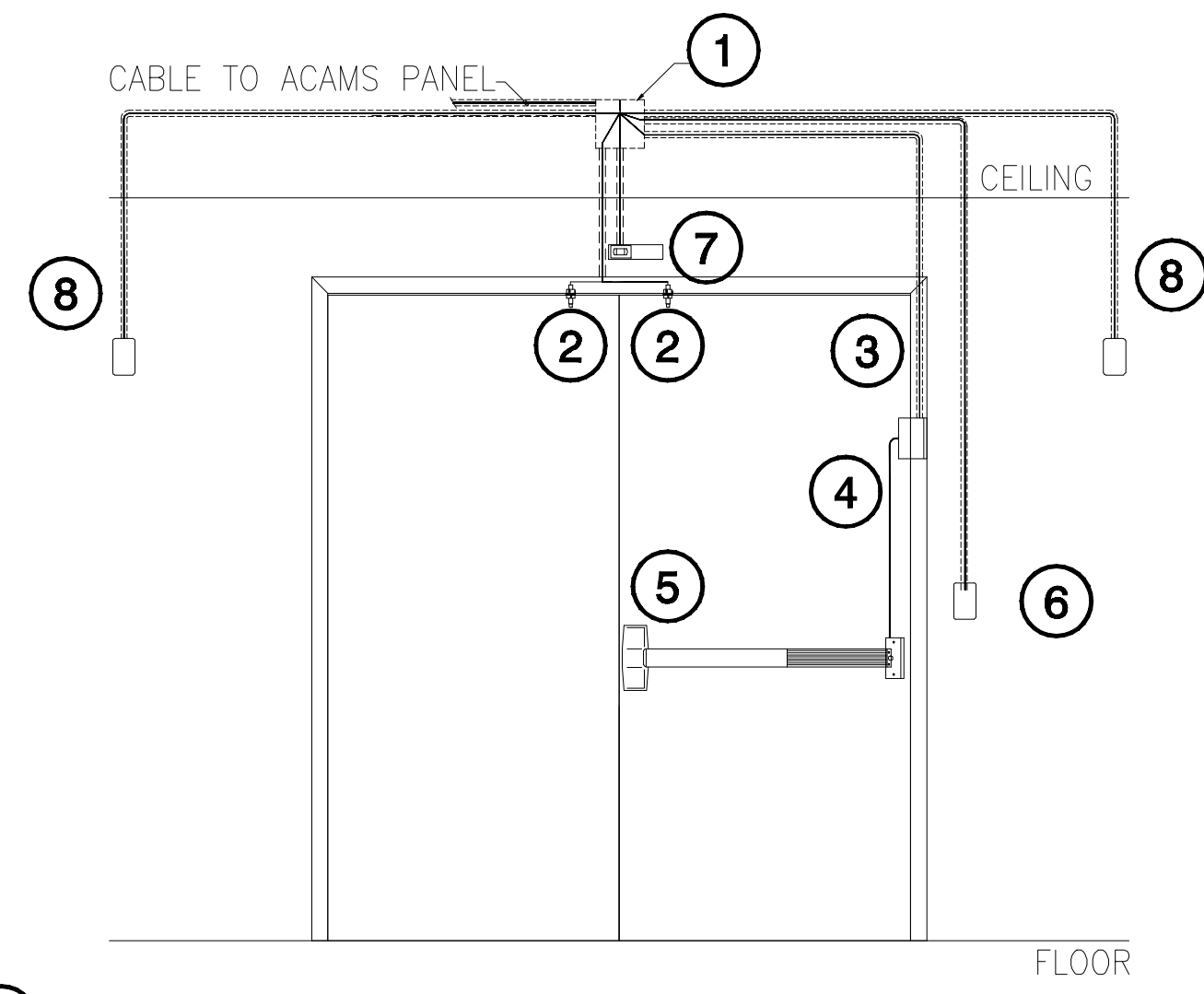
Revision	Description	Date
1	DSA Blockwork	10/09/08
2	Coordination - Bulletin #4	08/27/09
3	Bulletin #4 re-submittal	08/17/09
4	Door & Hardware Schedule Revision	10/05/09
5	Revisions for A4 Building set	03/15/10
6	Revisions for A4 Build Drawings (include added camera locations)	04/21/10

Revision	Description	Date
1	DSA Blockwork	10/09/08
2	Coordination - Bulletin #4	08/27/09
3	Bulletin #4 re-submittal	08/17/09
4	Door & Hardware Schedule Revision	10/05/09
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6	Revisions for A4 Build Drawings (include added camera locations)	04/21/10



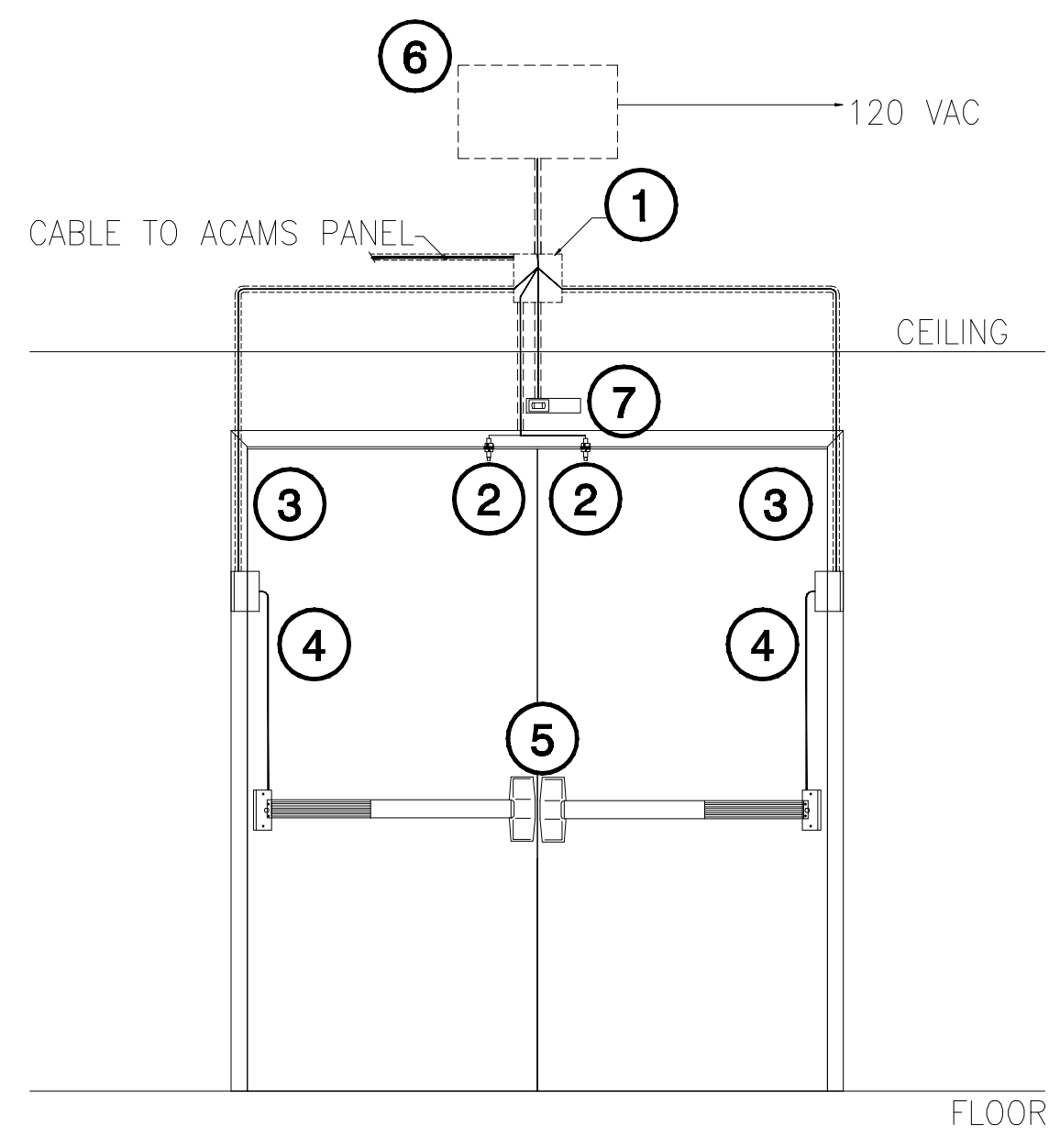
- ① JUNCTION BOX 10' AFF.
 - ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
 - ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
 - ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED PANIC BAR.
 - ⑤ ELECTRIFIED PANIC BARS.
 - ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
 - ⑦ REQUEST TO EXIT MOTION SENSOR.
 - ⑧ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR MAGNETIC DOOR HOLDER. MOUNT AT APPROX. 28" FROM EDGE OF DOOR FRAME AND 78" A.F.F. SO THE ARMATURE WILL RESIDE 6" BELOW TOP AND SIDE EDGES OF DOOR LEAF.
 - ⑨ PS-873-2
- THESE DOORS ARE UNLOCKED DURING SCHOOL HOURS AND ARE HELD OPEN, THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE MAGNETIC DOOR HOLDERS CAUSING THE DOORS TO SHUT, THE DOORS ARE THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACTS ARE ENABLED. A CARD OR KEYFOB WILL BE REQUIRED FOR INGRESS AFTER HOURS. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. THERE IS NO FIRE ALARM INTEGRATION TO THIS DOOR.

Q HOLD OPEN DOOR
SCALE: N.T.S.



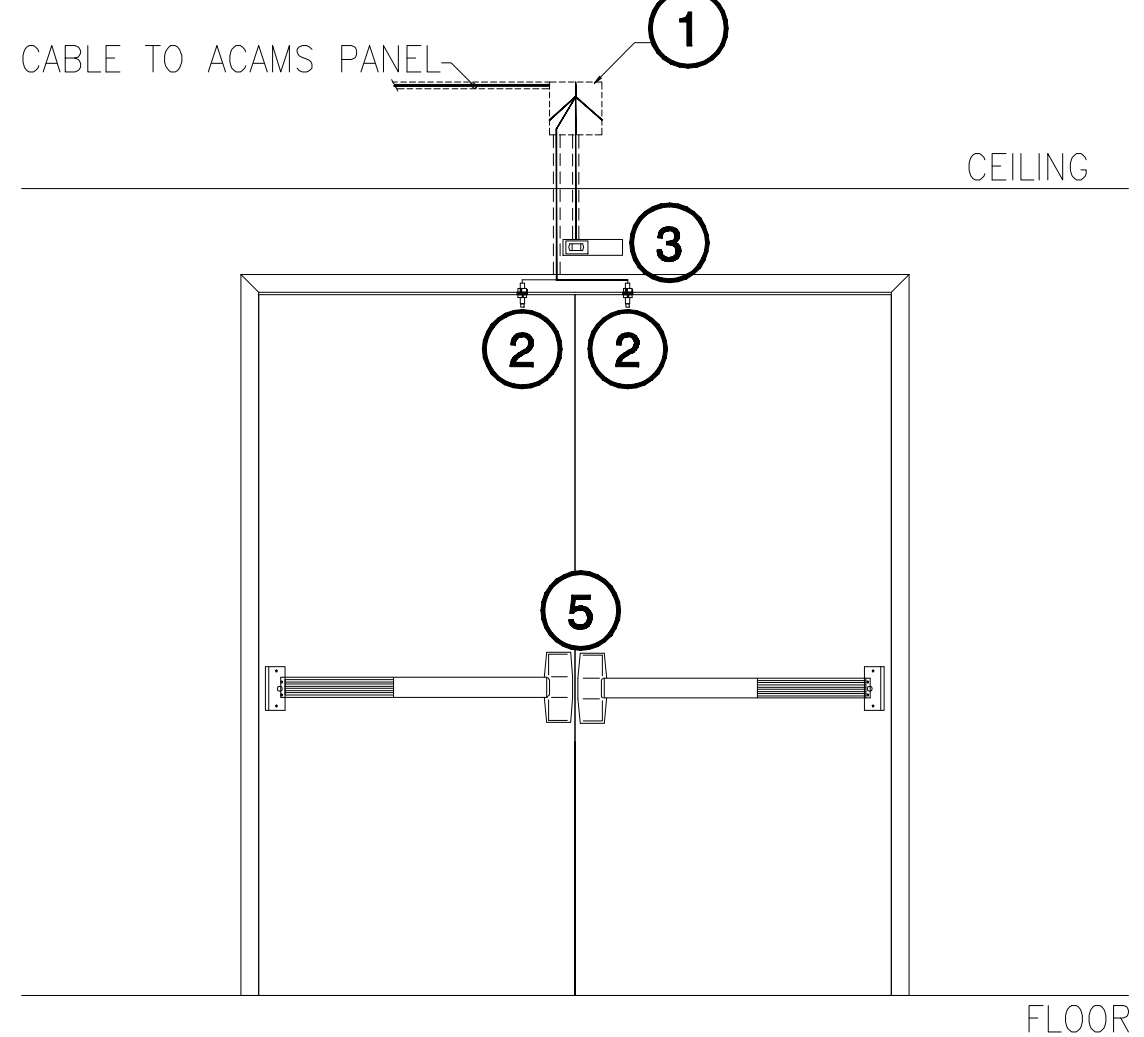
- ① JUNCTION BOX 10' AFF.
 - ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
 - ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
 - ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED PANIC BAR.
 - ⑤ ELECTRIFIED PANIC BAR.
 - ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR CARD READER 42" A.F.F. O.C.
 - ⑦ REQUEST TO EXIT MOTION SENSOR.
 - ⑧ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR MAGNETIC DOOR HOLDER. MOUNT AT APPROX. 28" FROM EDGE OF DOOR FRAME AND 78" A.F.F. SO THE ARMATURE WILL RESIDE 6" BELOW TOP AND SIDE EDGES OF DOOR LEAF.
- THESE DOORS ARE UNLOCKED DURING SCHOOL HOURS AND ARE HELD OPEN, THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE A.C.A.M.S WILL DROP POWER TO THE MAGNETIC DOOR HOLDERS CAUSING THE DOORS TO SHUT, THE DOORS ARE THEN LOCKED FROM THE OUTSIDE AND THE DOOR CONTACTS ARE ENABLED. A CARD OR KEYFOB WILL BE REQUIRED FOR INGRESS AFTER HOURS. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS AFTER HOURS. THERE IS NO FIRE ALARM INTEGRATION TO THIS DOOR.

R HOLD OPEN DOOR
SCALE: N.T.S.



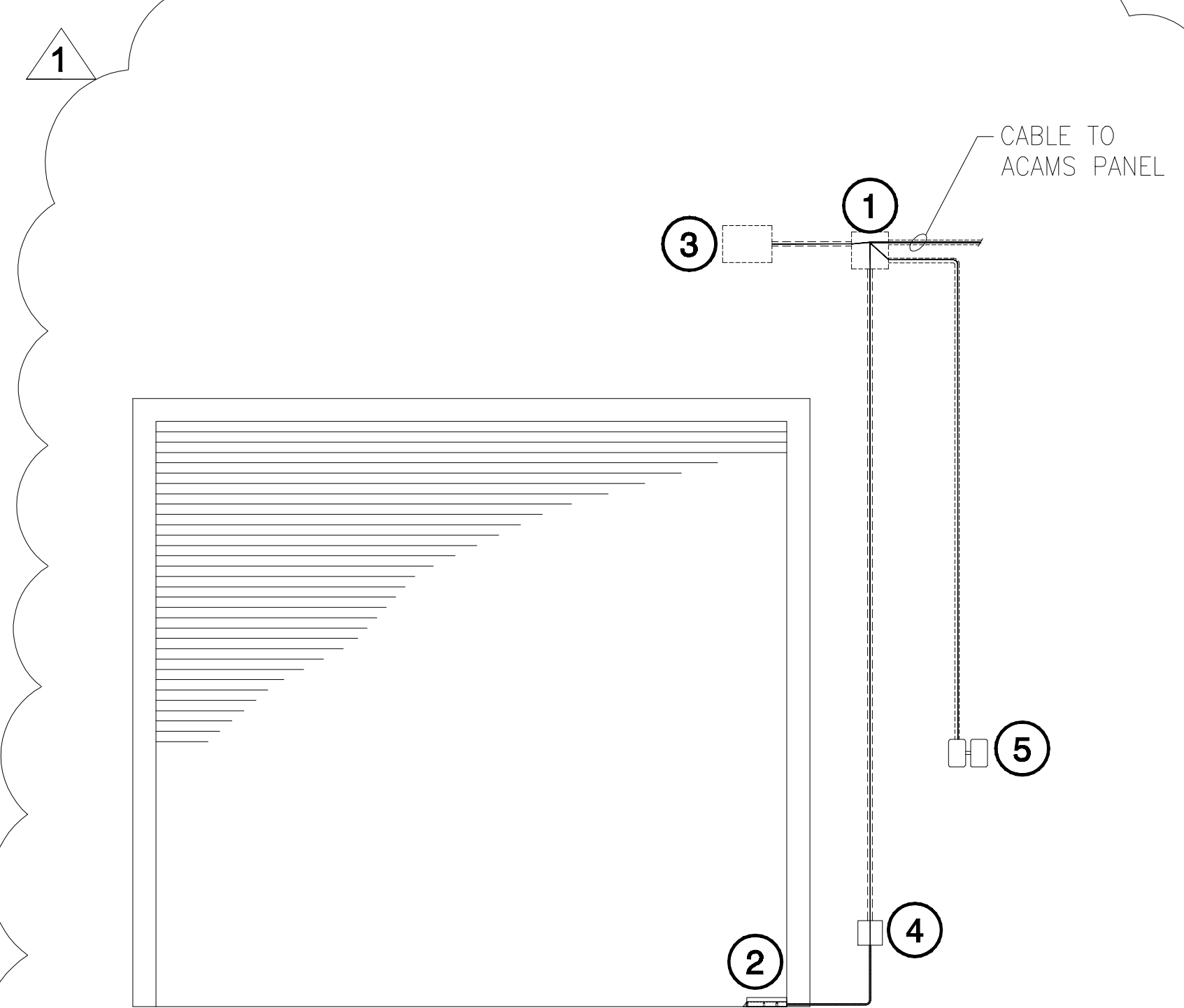
- ① JUNCTION BOX 10' AFF.
 - ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
 - ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
 - ④ WIREWAY THROUGH DOOR FROM POWER TRANSFER TO ELECTRIFIED PANIC BAR.
 - ⑤ ELECTRIFIED PANIC BARS.
 - ⑥ PS-873-2
 - ⑦ REQUEST TO EXIT MOTION SENSOR.
- THIS DOOR IS UNLOCKED DURING SCHOOL HOURS AND THE DOOR CONTACTS ALARMING FUNCTION IS DISABLED. AFTER HOURS THE DOOR IS LOCKED FROM THE OUTSIDE AND THE DOOR CONTACT IS ENABLED. THE REQUEST TO EXIT SWITCH IN THE LOCKSET SHALL SERVE TO GRANT EGRESS AFTER HOURS.

S SCHEDULED UNLOCK DOOR
SCALE: N.T.S.



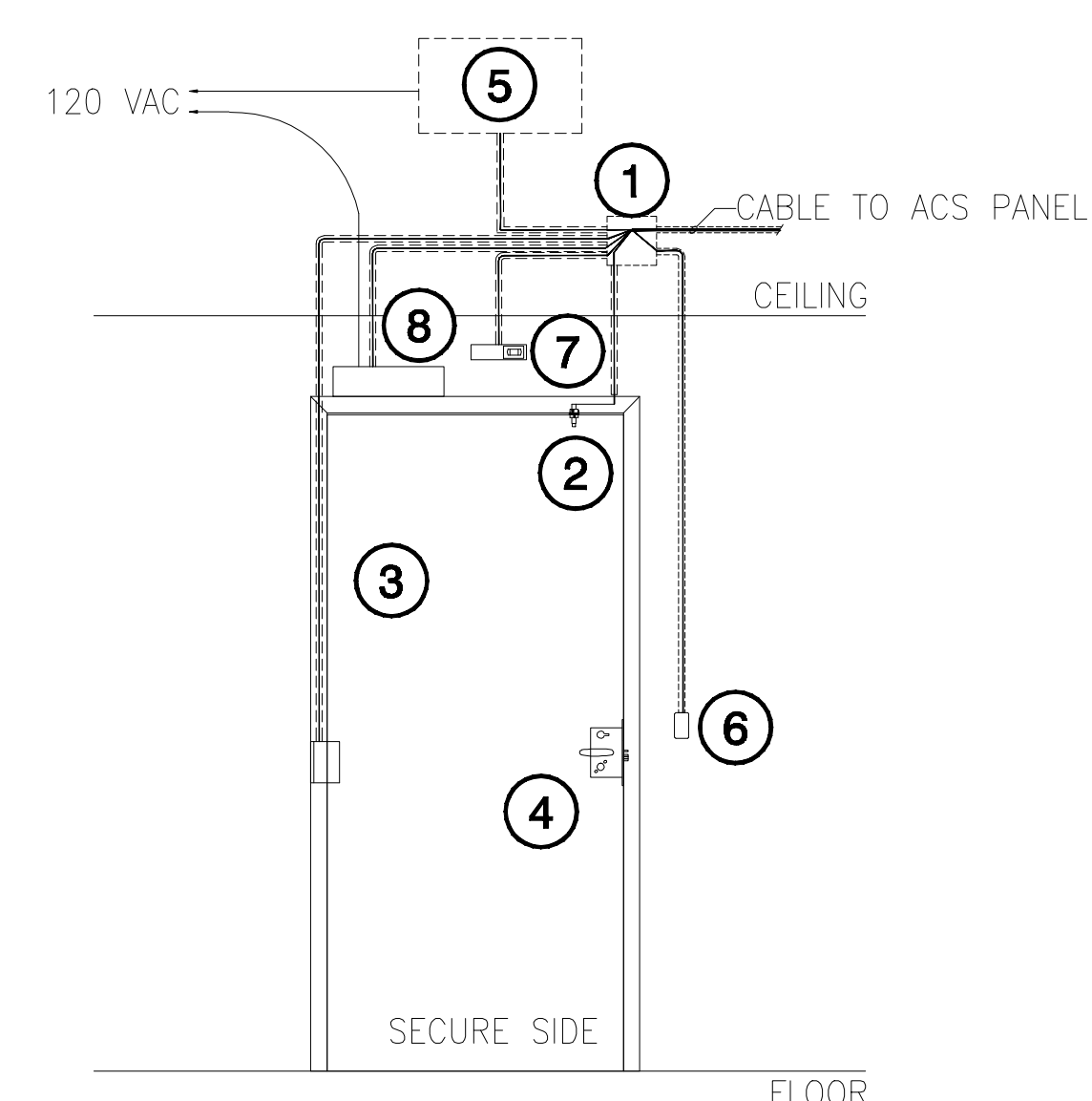
- ① JUNCTION BOX 10' AFF.
 - ② STUB CONDUIT INTO HEADER OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM LATCH SIDE EDGE.
 - ③ REQUEST TO EXIT MOTION SENSOR.
- THIS IS AN EXIT ONLY DOOR. THE REQUEST TO EXIT SHALL SERVE TO GRANT EGRESS.

T MONITORED DOOR
SCALE: N.T.S.



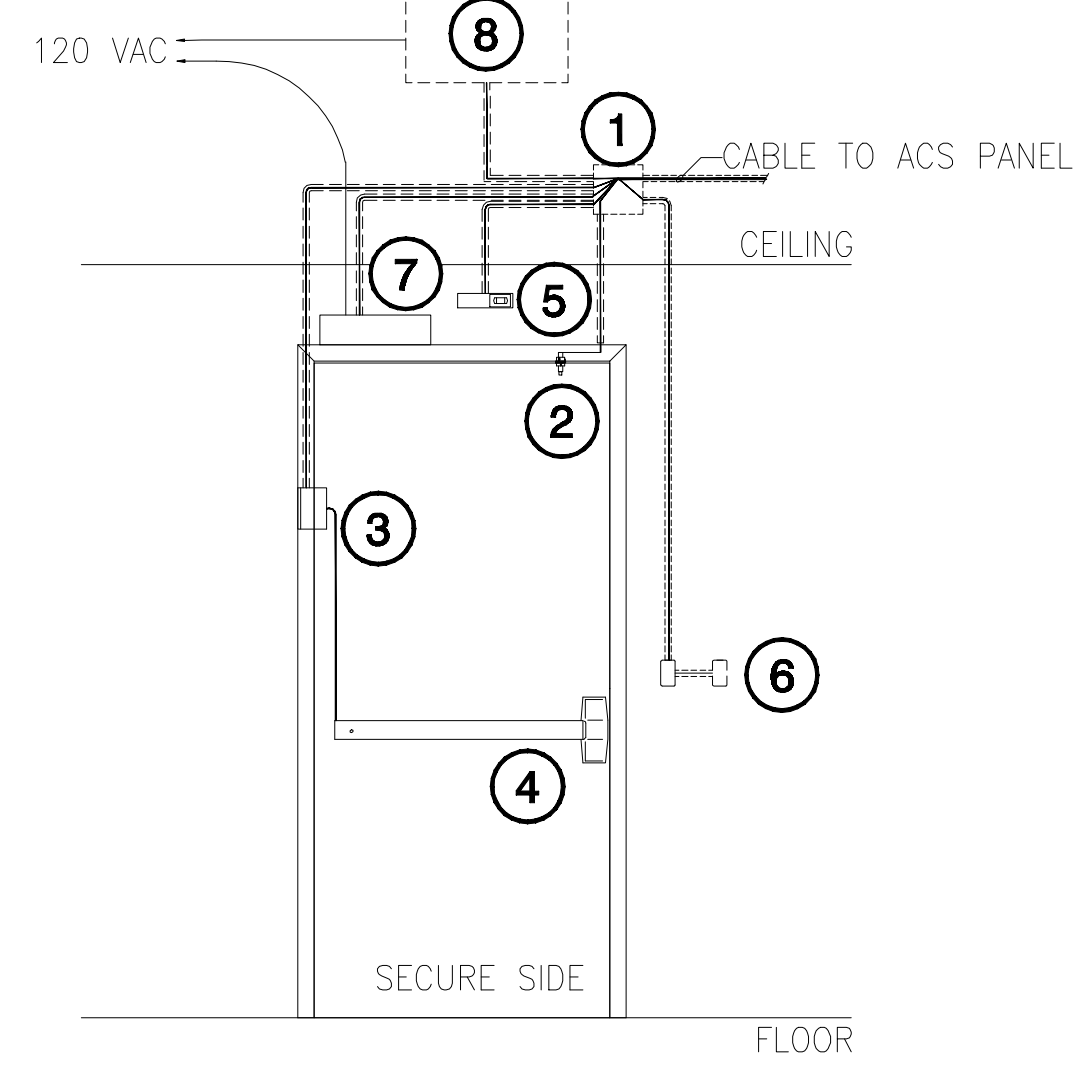
- ① PROVIDE JUNCTION BOX NEXT TO OVERHEAD DOOR CONTROLLER.
- ② FLOOR MOUNTED ROLL UP DOOR CONTACT WITH ARMORED CABLE.
- ③ CONNECT CONDUIT TO OVERHEAD DOOR INTERFACE PROVIDED BY DOOR SUPPLIER. FIELD VERIFY EXACT LOCATION.
- ④ PROVIDE 4" X 4" X 2 1/8" DEEP JUNCTION BOX WITH COVER PLATE SURFACE MOUNTED 1'-0" OC A.F.F.
- ⑤ PROVIDE 4" X 4" X 2 1/8" DEEP BOXES WITH SINGLE GANG DEVICE RINGS FLUSH MOUNTED FOR CARD READER AND DOOR CONTROL SWITCH 42" A.F.F. O.C.

U CARD READER DOOR
SCALE: N.T.S.



- ① PROVIDE JUNCTION BOX 10' AFF.
 - ② STUB CONDUIT INTO HEAD OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
 - ③ STUB CONDUIT DOWN DOOR FRAME FOR POWER TRANSFER HINGE.
 - ④ ELECTRIFIED STRIKE.
 - ⑤ PS-873-2-AO
 - ⑥ PROVIDE 4" x 4" x 2 1/8" DEEP BOX WITH SINGLE GANG DEVICE RING FLUSH MOUNTED FOR ACTUATOR 42" A.F.F. O.C.
 - ⑦ REQUEST TO EXIT MOTION SENSOR.
 - ⑧ DOOR OPERATOR.
- WHEN ACCESS TO THE POOL AREA IS RESTRICTED, ACUATOR SHALL BE DISABLED.

V SCHEDULED LOCKED DOOR
SCALE: N.T.S.

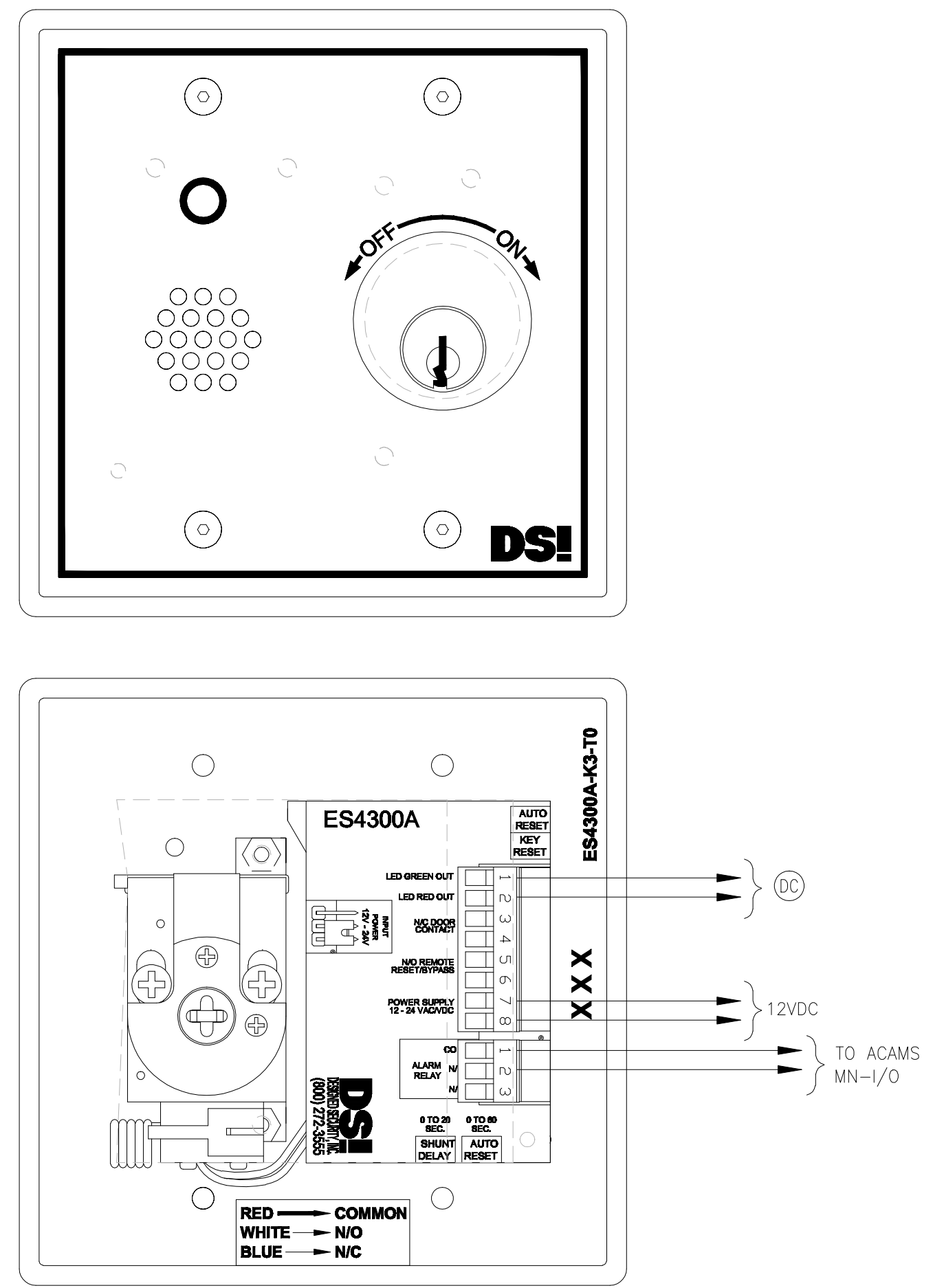


- ① PROVIDE JUNCTION BOX 10' AFF.
 - ② STUB CONDUIT INTO HEAD OF DOOR FRAME FOR DOOR CONTACT. INSTALL DOOR CONTACT 6" FROM HANDLE SIDE EDGE.
 - ③ STUB CONDUIT DOWN DOOR FRAME FOR ELECTRIC POWER TRANSFER.
 - ④ ELECTRIFIED PANIC BAR.
 - ⑤ REQUEST TO EXIT MOTION SENSOR.
 - ⑥ PROVIDE (2) 4" x 4" x 2 1/8" DEEP BOXES WITH SINGLE GANG DEVICE RINGS FLUSH MOUNTED FOR CARD READER AND ACTUATOR 42" A.F.F. O.C.
 - ⑦ DOOR OPERATOR.
 - ⑧ PS-873-2-AO
- A CARD READER OR KEYFOB MUST ALWAYS BE USED TO UNLOCK THIS DOOR.

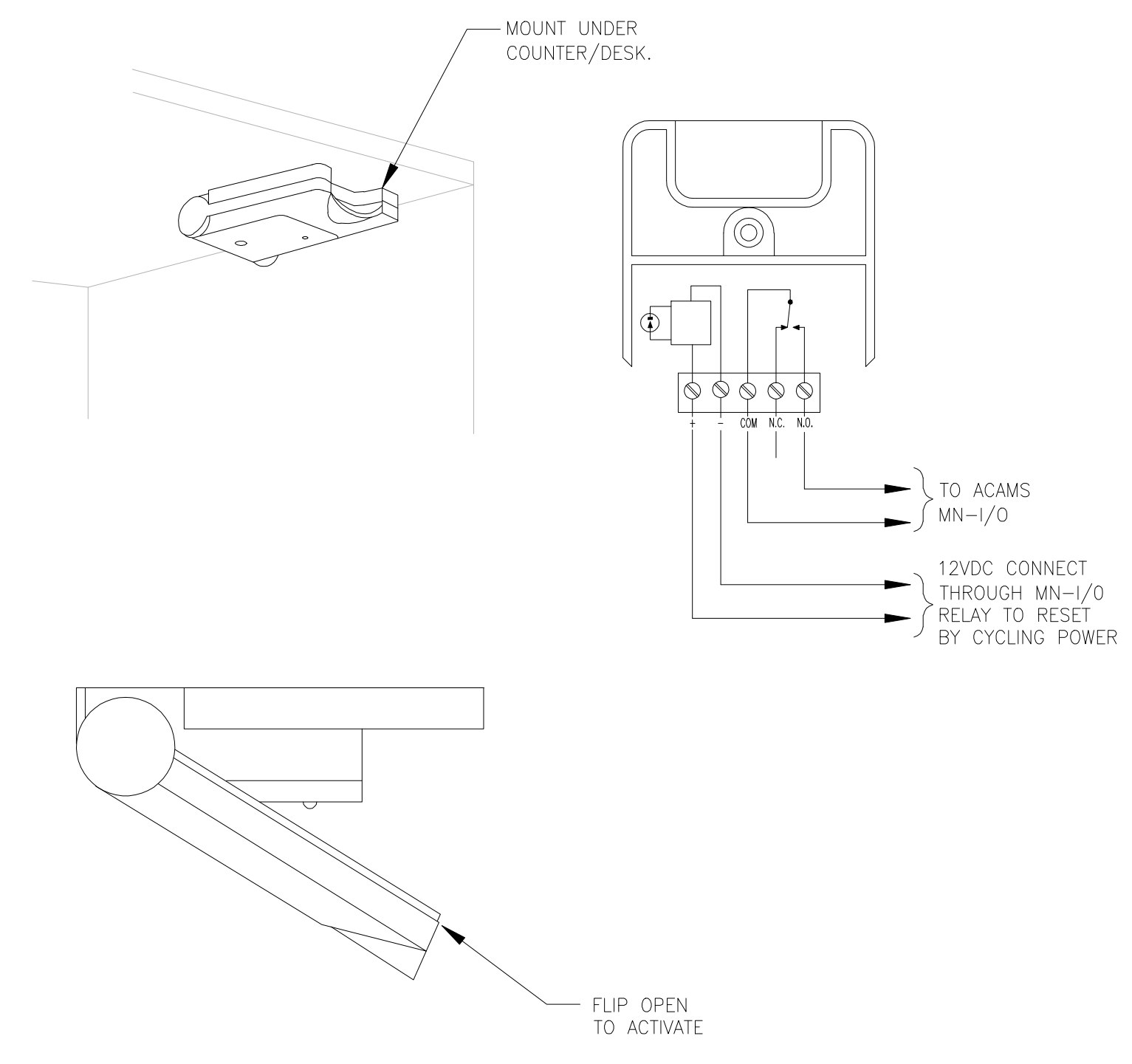
W CARD READER DOOR
SCALE: N.T.S.

Revision	Description	Date
1	10/09/08	
2	08/24/09	
3	08/17/09	
4	08/06/09	
5	03/15/10	
6	04/21/10	

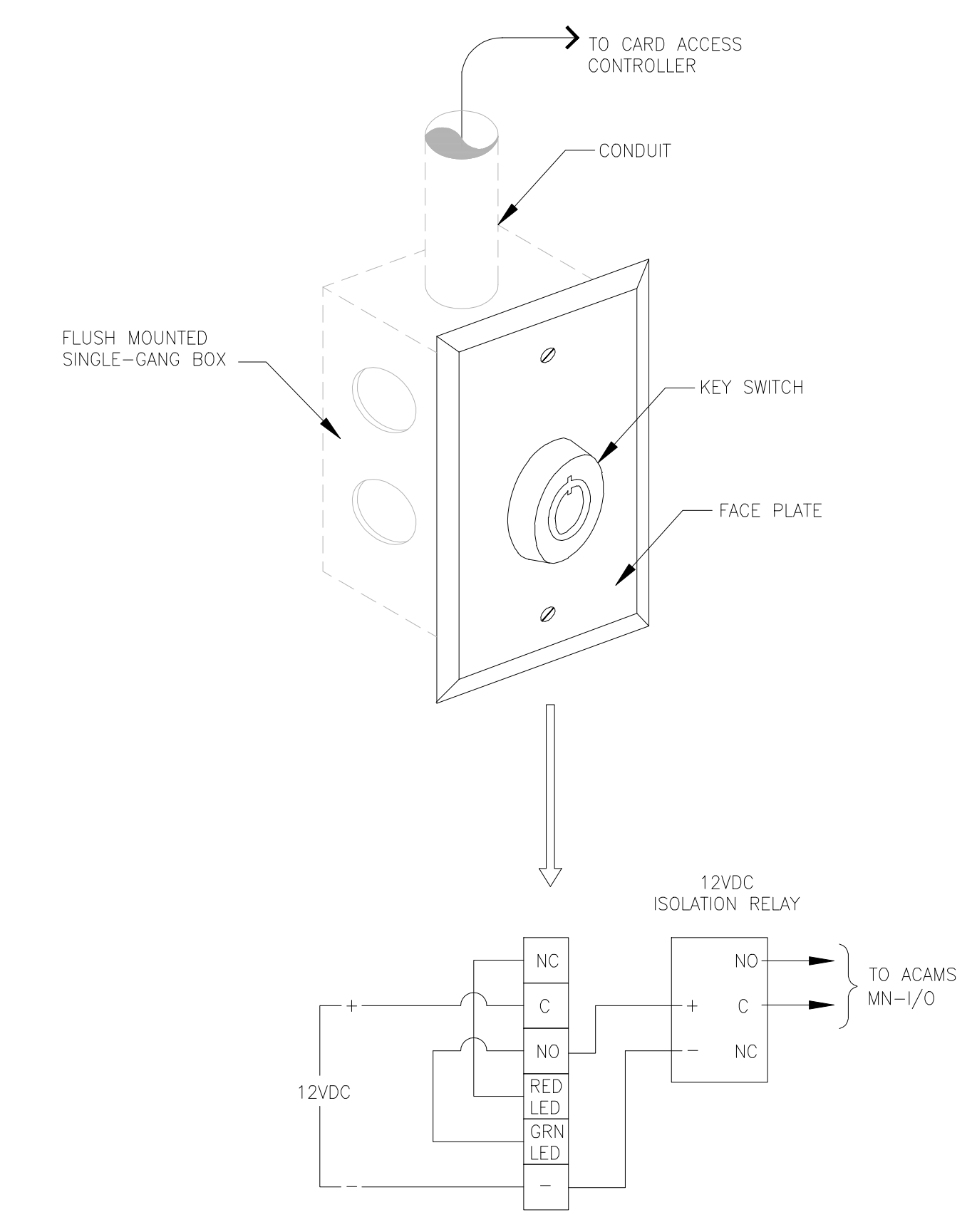
Revision	Description	Date
1	10/09/08	
2	08/24/09	
3	08/17/09	
4	08/06/09	
5	03/15/10	
6	04/21/10	



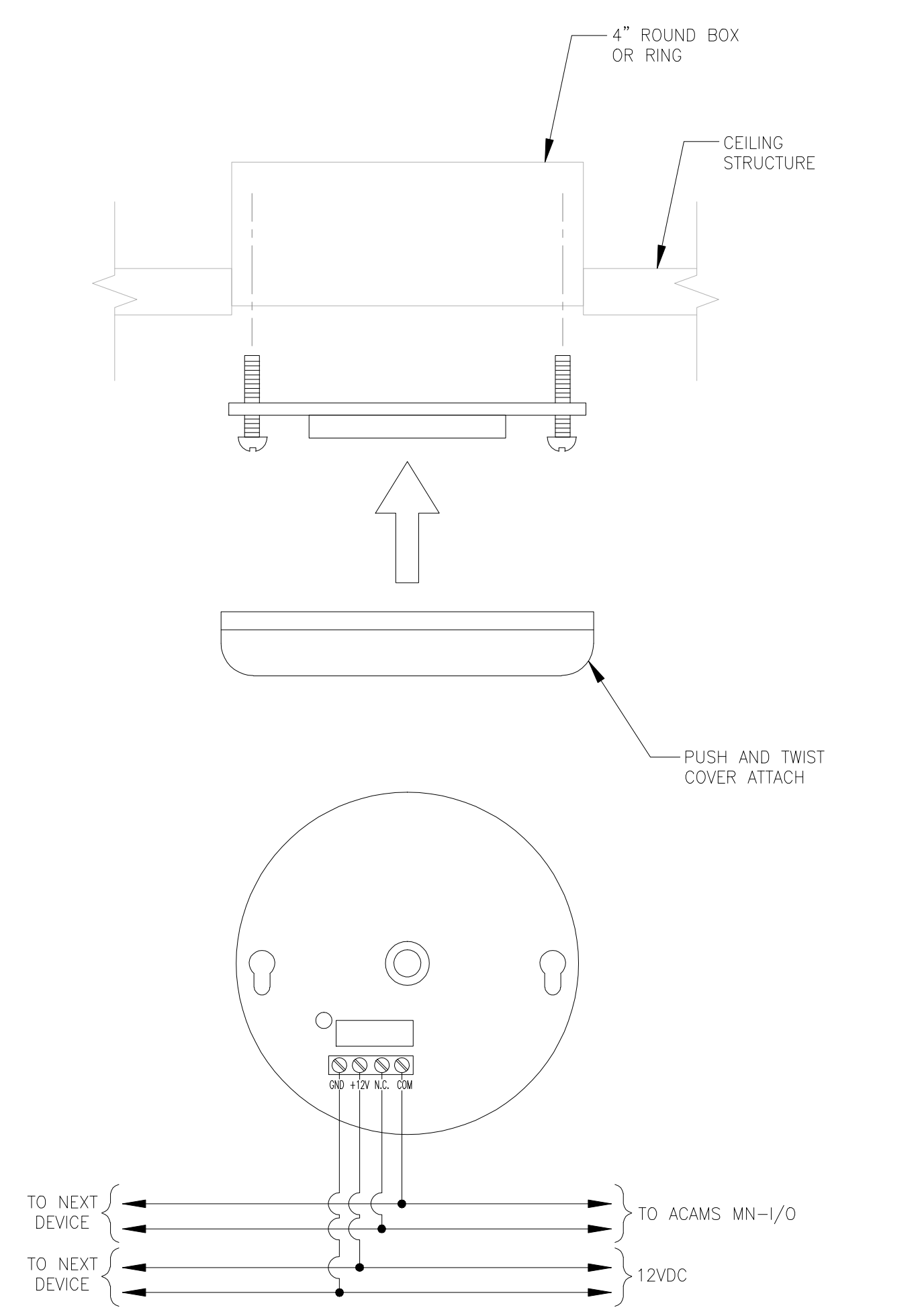
A LOCAL ALARM
SCALE: N.T.S.



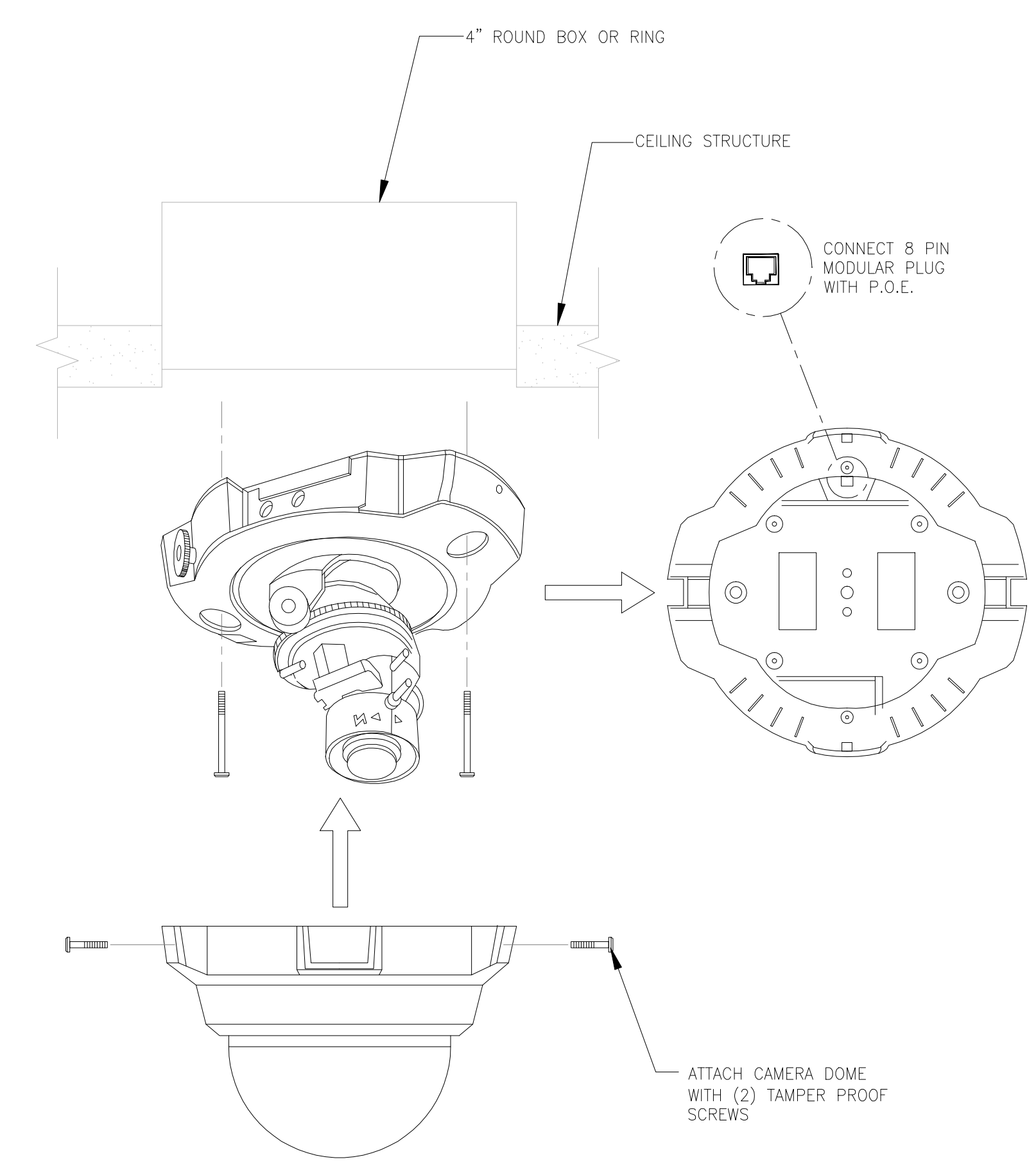
B DURESS BUTTON
SCALE: N.T.S.



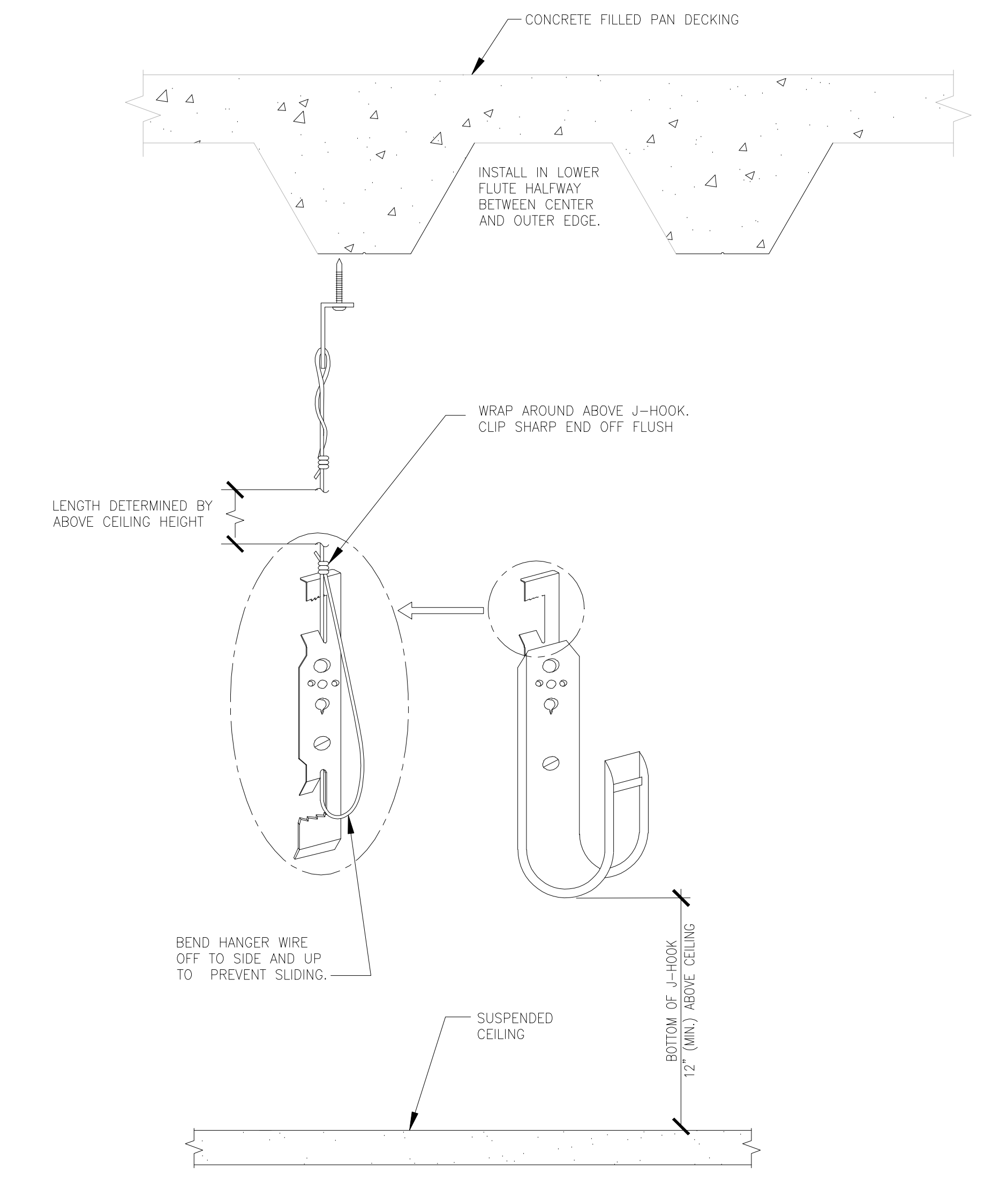
C KEY SWITCH
SCALE: N.T.S.



D GLASSBREAK DETECTOR
SCALE: N.T.S.

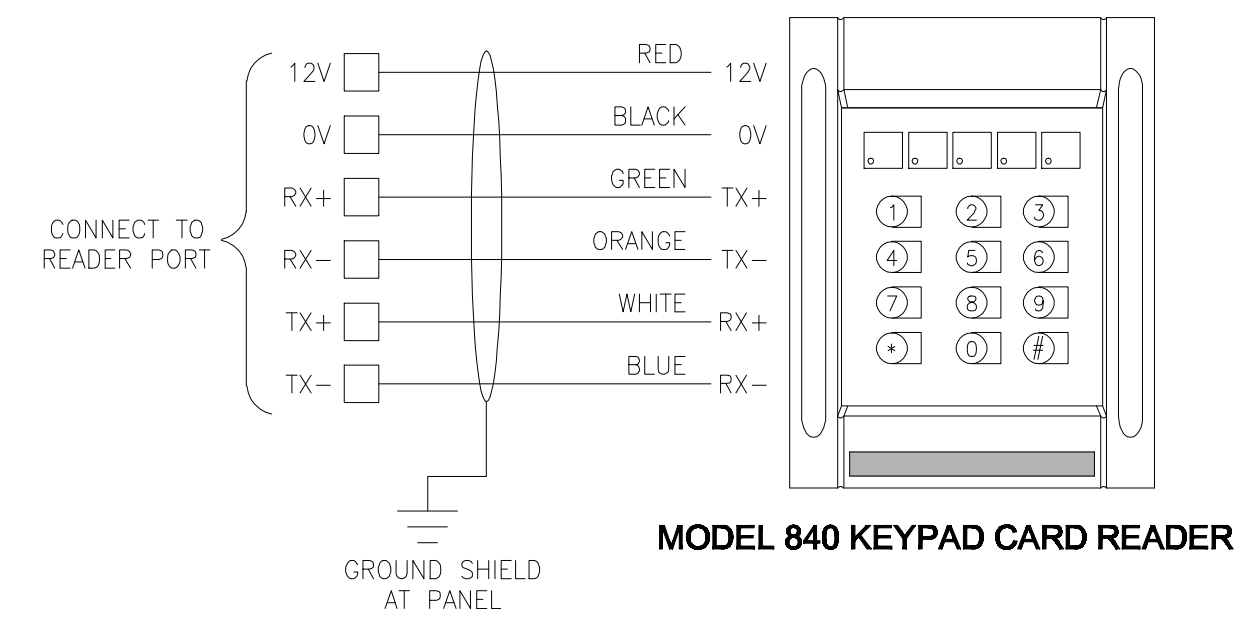


E IP CAMERA
SCALE: N.T.S.

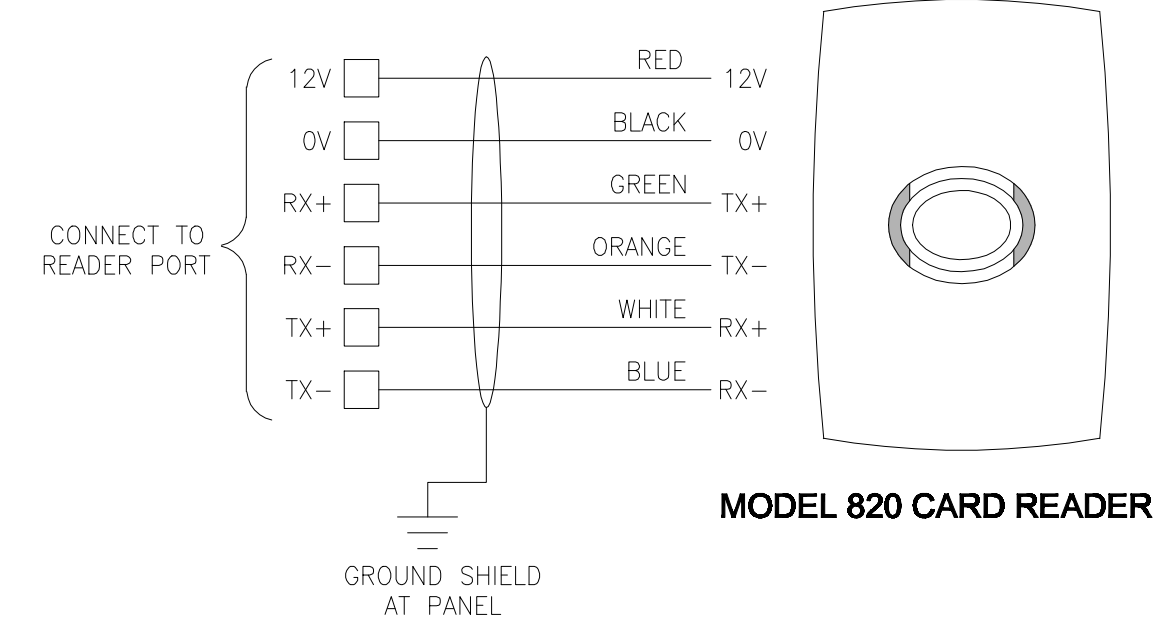


F CEILING MOUNT CABLE HANGER
SCALE: N.T.S.

Revision	Description	Date
1	DSA Backcheck	10/09/08
2	Coordination - Bulletin #4	06/24/09
3	Bulletin #4-revised	06/17/09
4	Door & Hardware Schedule Revision	10/08/09
5	Revisions for AS Built Drawing set	03/15/10
6	Revisions for AS Built Drawing set (include school camera locations)	04/21/10

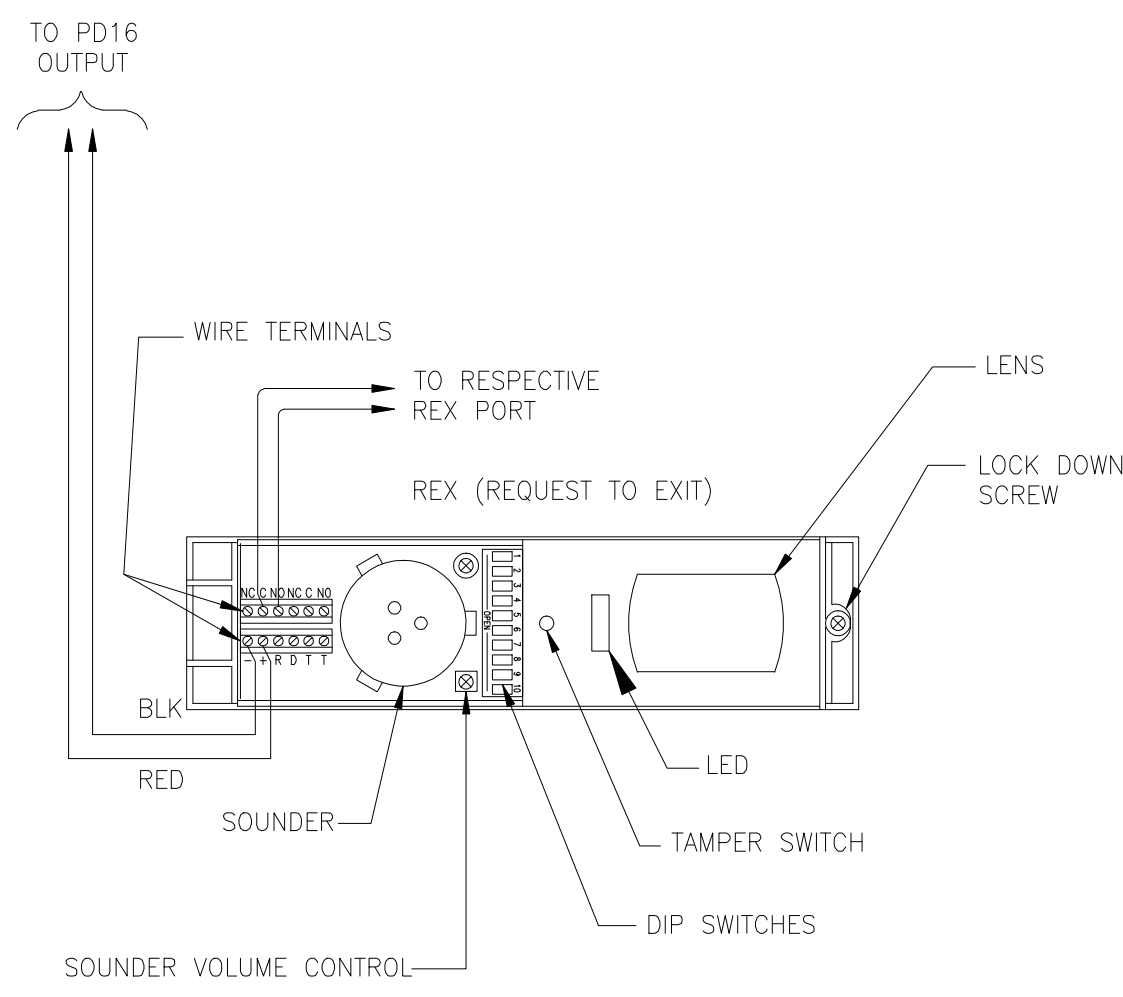


MODEL 840 KEYPAD CARD READER

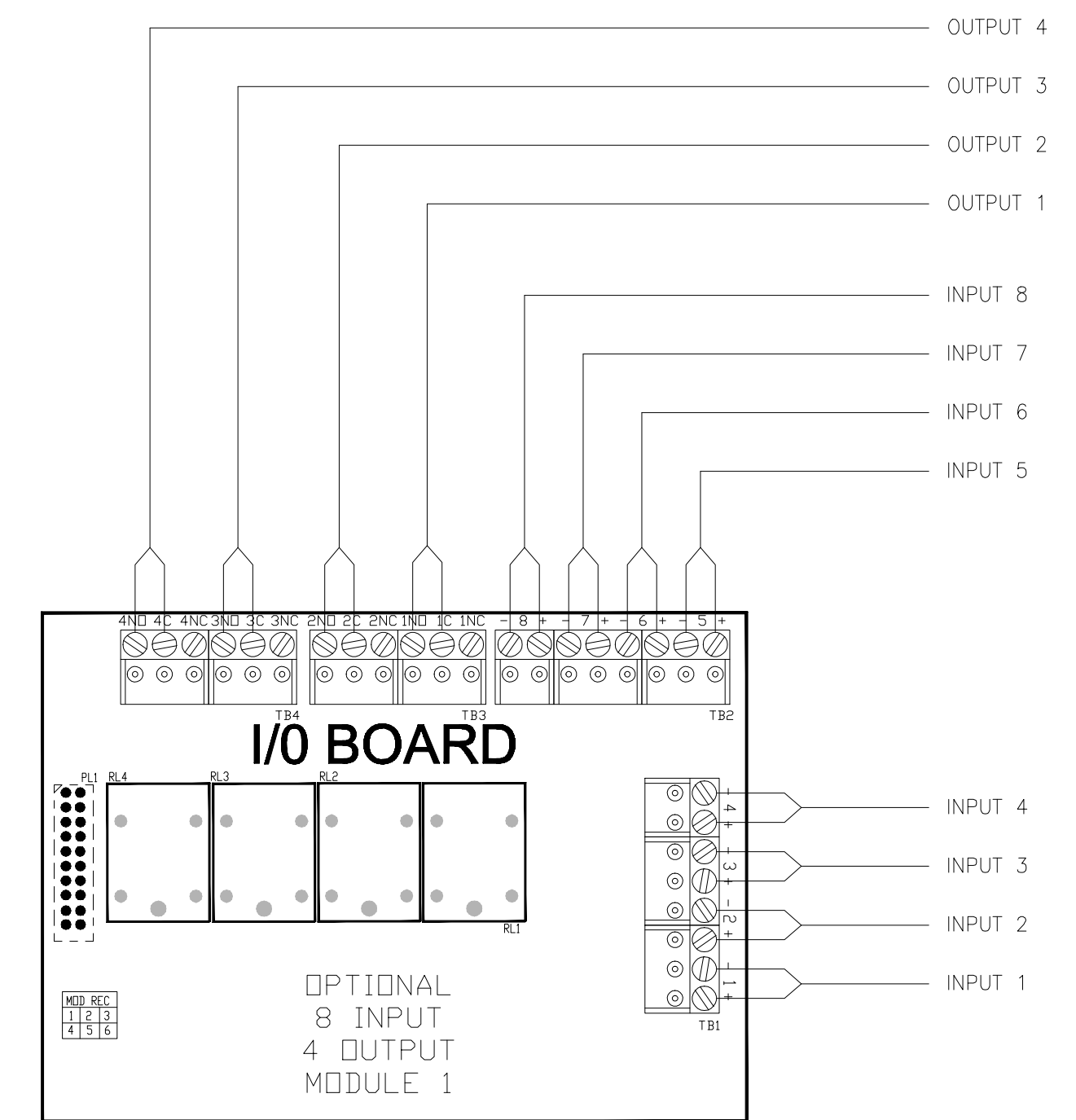


MODEL 820 CARD READER

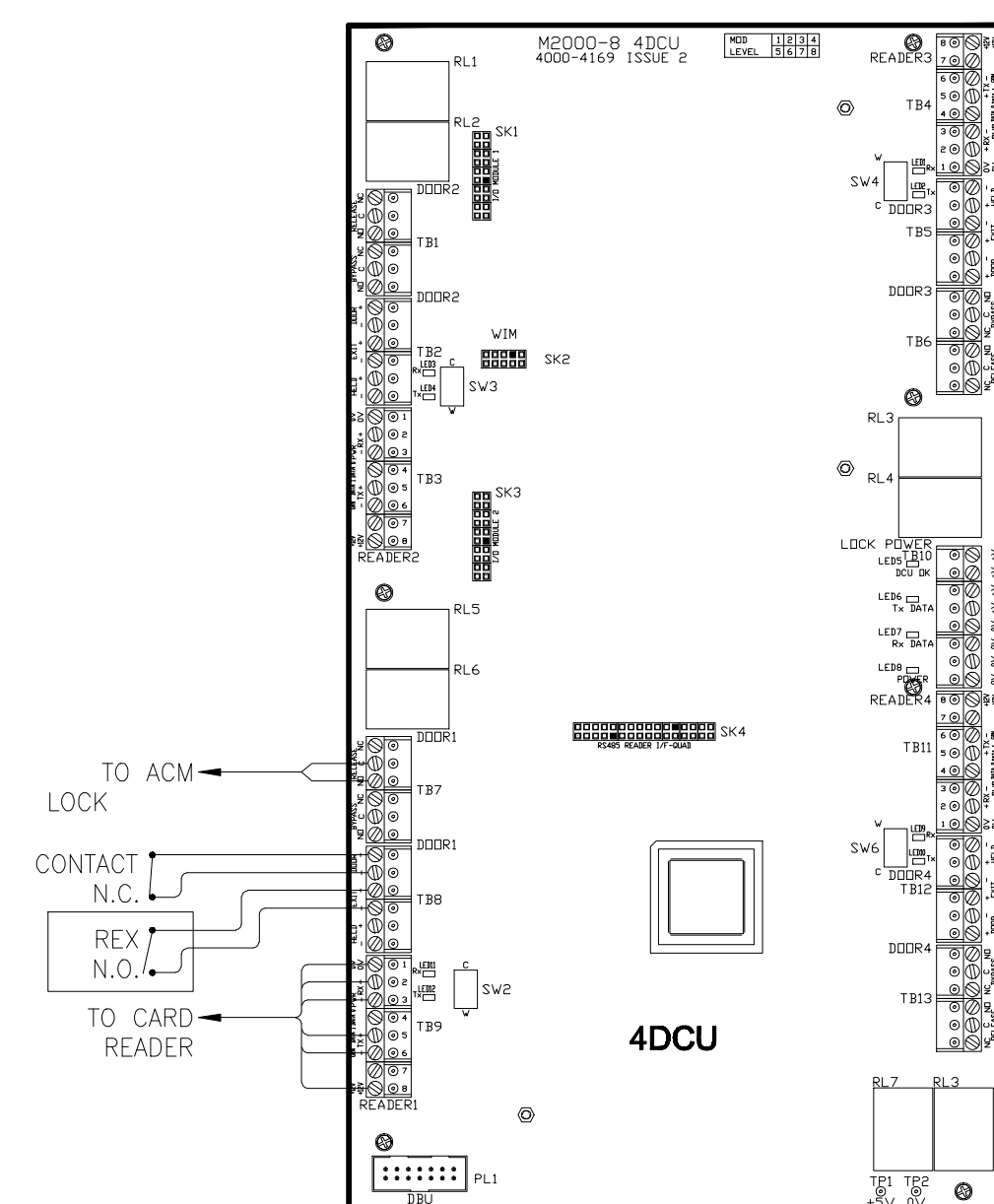
G KEYPAD CARD READER, CARD READER
SCALE: N.T.S.



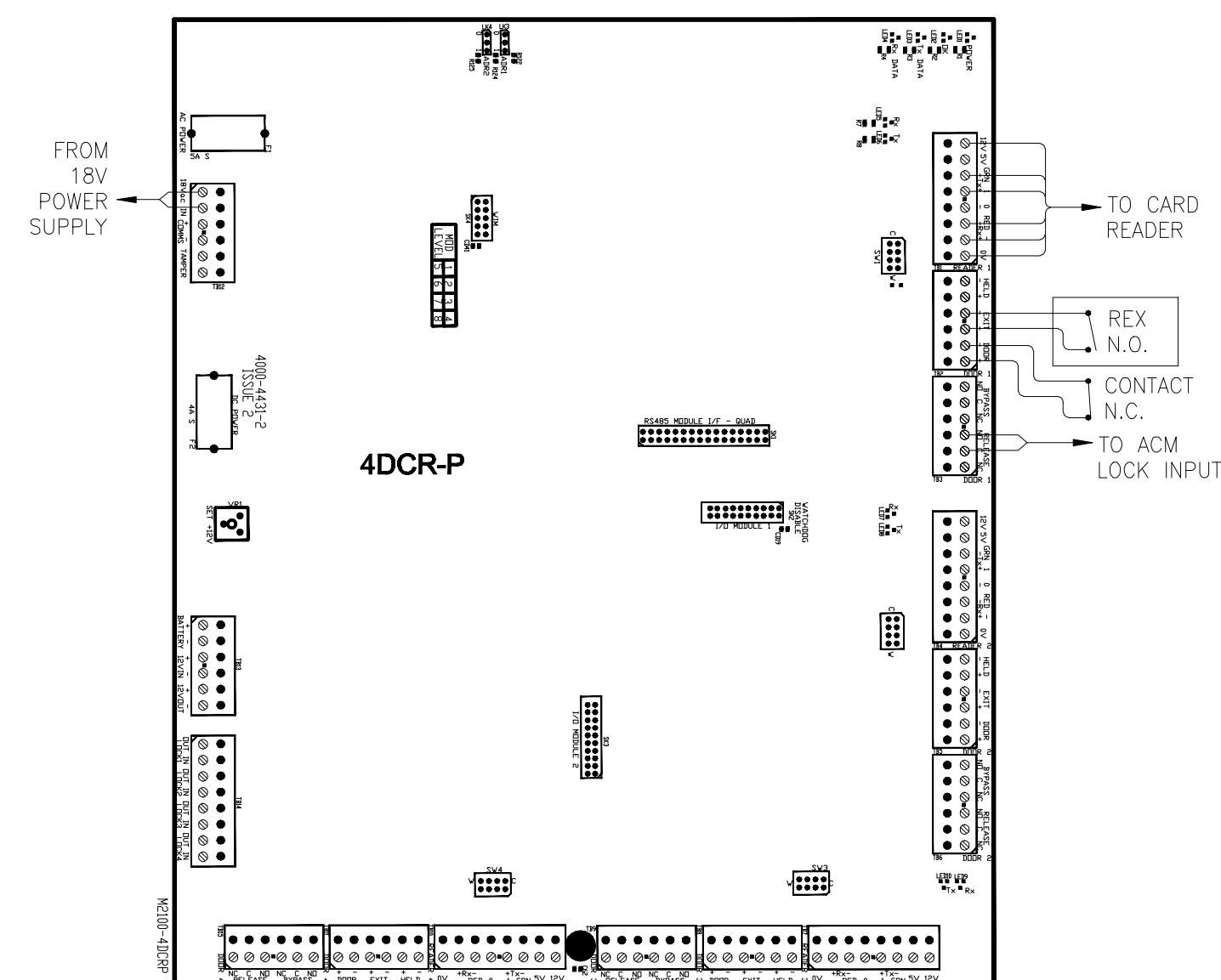
H REQUEST TO EXIT
SCALE: N.T.S.



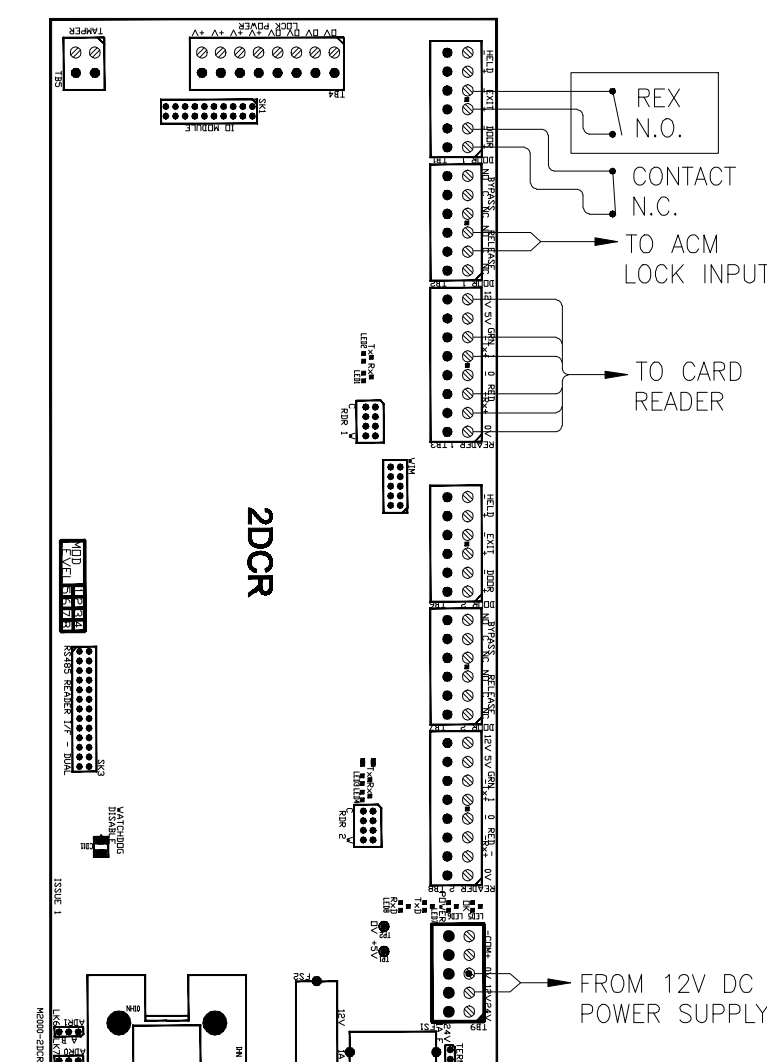
I INPUT/OUTPUT MODULE
SCALE: N.T.S.



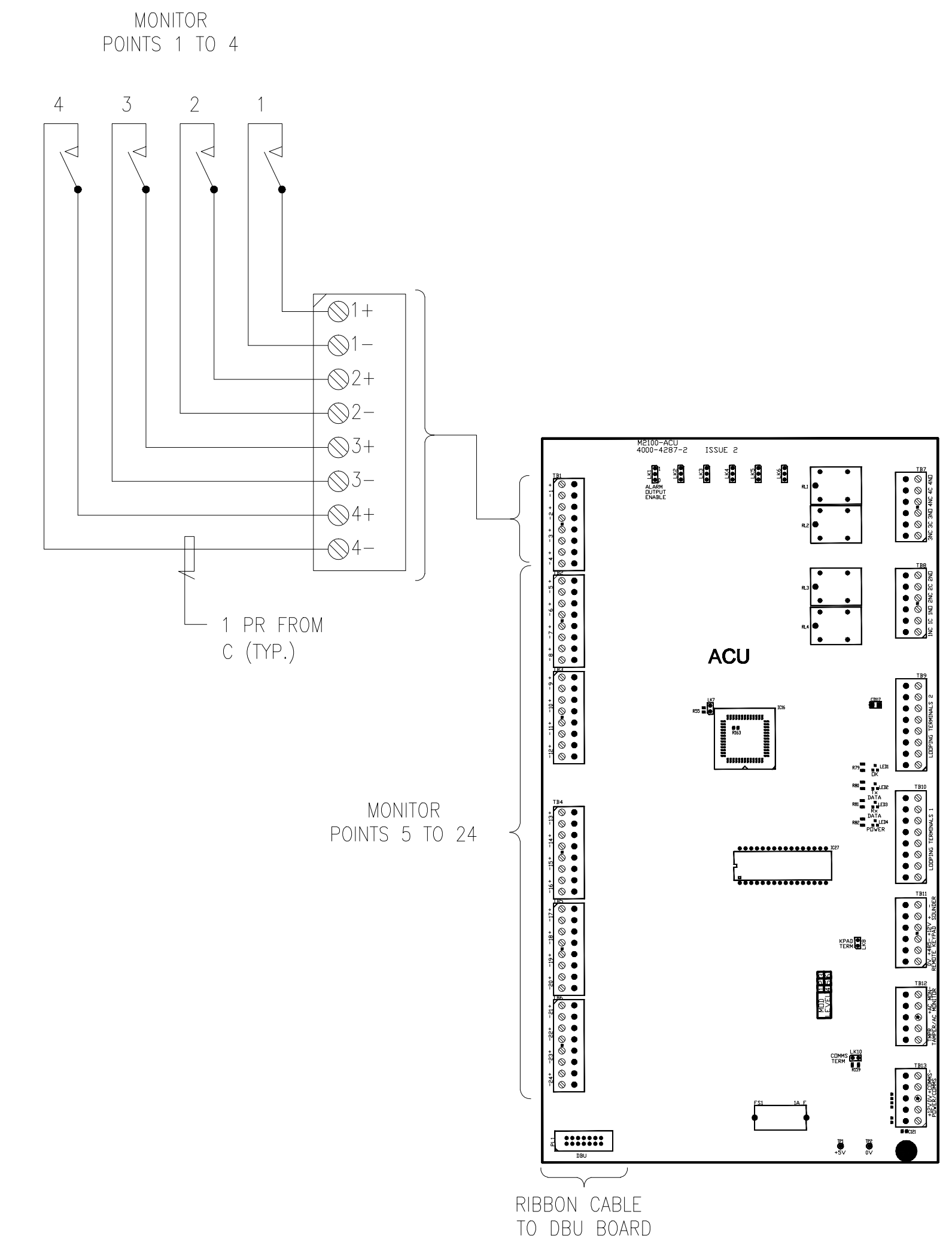
J FOUR DOOR CONTROLLER (TYP.)
SCALE: N.T.S.



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



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



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

Revision	Description	Date
10/09/08	DSA Backcheck	10/09/08
06/24/09	Coordination - Bulletin #4	06/24/09
08/17/09	Bulletin #4 re-submittal	08/17/09
10/08/09	Door & Hardware Schedule Revision	10/08/09
03/15/10	Revisions for As Built Drawing set	03/15/10
04/21/10	Revisions for As Built Drawings (include added camera locations)	04/21/10

Job No. (10980209728)	07.15.09
Date	8.1.09
Scale	NONE