

ACCESS CONTROL SYSTEM INSTALLATION

DESIGN DISCLAIMER

DESIGN PREPARED BASED SOLELY ON CLIENT-PROVIDED INFORMATION.
NO SITE VERIFICATION PERFORMED. NO PERMITTING, INSTALLATION,
OR COMPLIANCE RESPONSIBILITY ASSUMED.
AHJ APPROVAL DOES NOT EXPAND DESIGNER LIABILITY.

BUILDING CLASSIFICATIONS & CODES

OCCUPANCY GROUP: A - ASSEMBLY
B - BUSINESS
E - EDUCATION
S - STORAGE / MECHANICAL ROOMS

OCCUPANT LOAD: LEVEL 1 - 1,796
LEVEL 2 - 654
LEVEL 3 - 557
LEVEL 4 - 552

CONSTRUCTION TYPE: TYPE 1A
USE: SCHOOL
STORIES: 4 LEVELS

AREA GROSS (S.F.): LEVEL 1 - 26,729 S.F
LEVEL 2 - 15,283 S.F
LEVEL 3 - 16,174 S.F
LEVEL 4 - 16,043 S.F
TOTAL - 74,229 S.F

SPRINKLER SYSTEM: FULLY SPRINKLERED

SCOPE OF WORK

PROVIDE AND INSTALL A NEW ACCESS CONTROL SYSTEM INCLUDING THE FOLLOWING:

- 21 PRS-2DR-STR ACCESS CONTROL PANEL WITH PRS-TDM MODULES AND AL600ULACH POWER SUPPLY (QUANTITY VARIES)
- 136 CARD READERS.
- 109 ELECTRIC STRIKES.
- 30 EXIT DEVICE PUSH BAR.
- 3 LEVER HANDLE WITH A MORTISE LOCK.

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ACCESS CONTROL SYSTEM DEVICE LEGEND

MANUFACTURER	PART NUMBER	DESCRIPTION	SYMBOL	QTY.
HARTMANN	PRS-2DR-STR	ACCESS CONTROL PANEL	[ACP#]	21
HARTMANN	PRS-TDM	2-DOOR EXPANSION MODULE		
ALTRONIX	AL600ULACM	POWER SUPPLY		
HID	5395	CARD READER	[CR]	136
ASSA ABLOY	HES 5300 SERIES	ELECTRIC STRIKE	[ES]	101
ASSA ABLOY	HES 1600 SERIES	ELECTRIC STRIKE	[ES] ₁	7
ASSA ABLOY	HES 9500 SERIES	ELECTRIC STRIKE	[ES] ₂	1
VON DUPRIN	XP98/XP99	EXIT DEVICE PUSH BAR	[PB]	14
FALCON	F-25-V SERIES	EXIT DEVICE PUSH BAR	[ED]	13
ESWINDOWS	1490	EXIT DEVICE PUSH BAR	[PD]	3
SCHLAGE	L9492 L/C 06A 630 RHR	LEVER HANDLE WITH A MORTISE LOCK	[LH]	3

GENERAL NOTES:

- ALL WIRING MUST CONFORM WITH NEC ARTICLE 760 AND LOCAL CODES. ALL EQUIPMENT SHALL BE UL LISTED. ALL DEVICES SHALL BE COMPATIBLE WITH THE CONTROL PANELS.
- WIRE RUNS ARE SHOWN DIAGRAMMATICALLY, EXACT LOCATION OF ALL EQUIPMENT TO BE DETERMINED IN THE FIELD, BUT SHALL CONFORM WITH BASIC LAYOUT AS SHOWN ON DRAWINGS TO PREVENT CIRCUIT OVERLOAD.
- MINIMUM HORIZONTAL CONDUIT SIZE WILL BE 3/4". CONDUIT SHALL BE NO MORE THAN 40% FILLED. REFER TO PLANS FOR AREAS REQUIRING LARGER CONDUIT.
3.1. MINIMUM VERTICAL CONDUIT SIZE SHALL BE 3/4".
3.2. FOR CONDUIT JOBS, ALL TRUNK LINES SHALL BE A MIN OF 1" CONDUIT.
3.3. ALL BRANCH LINES SHALL BE A MIN OF 3/4" CONDUIT.
- ALL SURGE/TRANSIENT SUPPRESSORS MUST BE CONNECTED TO APPROVED BUILDING GROUND.
- DO NOT APPLY 120 VAC POWER TO CONTROL PANEL UNTIL A ACCESS CONTROL SYSTEMS TECHNICIAN HAS INSPECTED ALL SYSTEM WIRING CONNECTIONS AND HAS APPROVED THE SYSTEM TO BE TURNED ON.

ACCESS CONTROL SYSTEM NOTES:

- FACILITY IS PREDOMINANTLY A S-1 (STORAGE) OCCUPANCY AND SHALL COMPLY WITH FBC 2023, 8TH EDITION, CHAPTER 10, AND FFPC 2023, 8TH EDITION, CHAPTER 42.
- SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH FBC 2023; FFPC 2023; NFPA 72 (2019); AND NFPA 70 (2020).
- FACILITY IS FULLY SPRINKLERED IN COMPLIANCE WITH NFPA 13.
- FACILITY HAS A FIRE ALARM CONTROL UNIT IN COMPLIANCE WITH FBC 2023 SECTION 907.2.25 AND NFPA 72 (2019).
- ACCESS CONTROL SYSTEM HEAD-END SHALL BE LOCATED WITHIN 3 FEET OF A FIRE ALARM RELAY TO FACILITATE UNLOCKING OF ACCESS CONTROLLED DOORS. EQUIPMENT SHALL BE LOCATED WITHIN THE BREAK ROOM EQUIPMENT AREA.
- ACCESS CONTROLLED DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT IN ACCORDANCE WITH FBC SECTION 1010.2.
- DOOR HARDWARE (LEVER, PANIC DEVICE, OR REQUEST-TO-EXIT DEVICE) SHALL DIRECTLY RELEASE ELECTRIC LOCKS UPON ACTUATION.
- DOOR RELEASE DEVICES SHALL BE INSTALLED TO FACILITATE IMMEDIATE EGRESS AND SHALL NOT BE OBSTRUCTED.
- LOSS OF POWER TO ACCESS CONTROL SYSTEM SHALL AUTOMATICALLY UNLOCK ALL FAIL-SAFE LOCKS.
- ALL ACCESS CONTROLLED DOORS SHALL UNLOCK UPON ACTIVATION OF THE FIRE ALARM SYSTEM OR AUTOMATIC SPRINKLER SYSTEM. FIRE ALARM CONTRACTOR SHALL PROVIDE ALL REQUIRED RELAYS AND INTERFACES.
- DOOR OPERATING CONDITIONS:
A. OFFICES, JANITOR, MECHANICAL, ELECTRICAL, AND STORAGE ROOMS SHALL REMAIN LOCKED AT ALL TIMES AND ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.
B. COMMON USE DOORS MAY BE UNLOCKED DURING NORMAL OPERATING HOURS AND SHALL BE SECURED AFTER HOURS.
- SLIDER ENTRY DOORS SHALL COMPLY WITH FBC 2023 SECTION 1010.3.2 (POWER-OPERATED DOORS) AND SHALL BE CAPABLE OF MANUAL OPERATION UPON POWER FAILURE.
- POWER-OPERATED DOORS SHALL COMPLY WITH BHMA A156.10, A156.19, AND A156.38 AS APPLICABLE.
- LOCKING ARRANGEMENTS SHALL NOT IMPAIR THE OPERATION OF DOOR CLOSERS, PANIC HARDWARE, OR FIRE EXIT HARDWARE. FIRE DOOR MODIFICATIONS SHALL COMPLY WITH NFPA 80.
- REVIEW AND APPROVAL BY THE AHJ SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH ALL APPLICABLE CODES.

#	REVISION		DATE:
	DESCRIPTION		

Date:	Scale:	AS NOTED
Designed by:	Drawn by:	Approved By:

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CONTRACTOR NO.:
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FIRE ALARM
DESIGN CO.

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Approved By:	Project:

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LEVEL 1 ACCESS CONTROL SYSTEM PLAN

AC-01

1. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED FROM OUTSIDE THE ROOM WITH A KEY OR OTHER APPROVED MEANS.
2. THE DOOR SHALL BE OPENABLE FROM WITHIN THE ROOM IN ACCORDANCE WITH SECTION 1010.2.
3. MODIFICATIONS SHALL NOT BE MADE TO LISTED PANIC HARDWARE, FIRE DOOR HARDWARE, OR DOOR CLOSER.
4. MODIFICATIONS TO FIRE DOOR ASSEMBLIES SHALL BE IN ACCORDANCE WITH NFPA 80.
5. REMOTE LOCKING OR UNLOCKING OF DOORS FROM AN APPROVED LOCATION SHALL BE PERMITTED IN ADDITION TO THE UNLOCKING OPERATION IN ITEM 1.



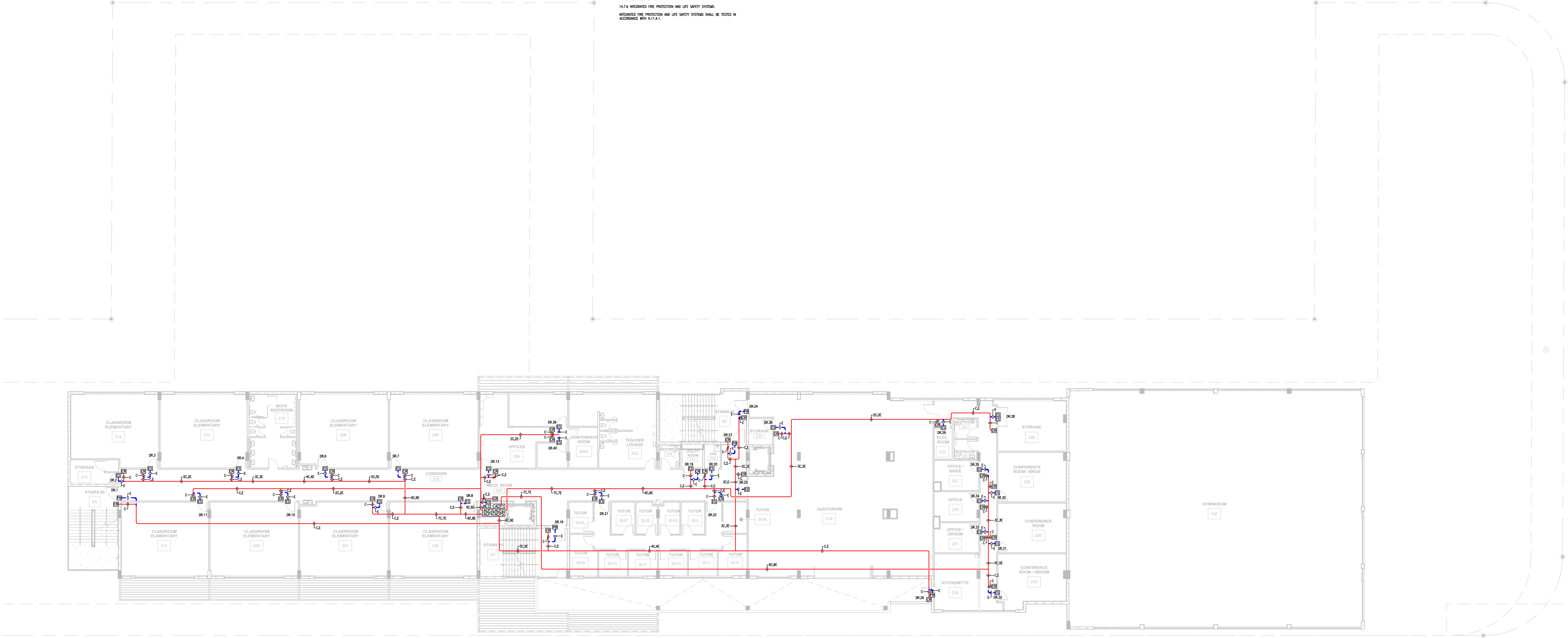
ACCESS CONTROL SYSTEM WIRE CODE CHART		
WIRE	DESCRIPTION	WIRE NUMBER
C	CONDUCTOR	200P-WHT
E	GROUNDING	200P-WHT
F	FIELD	200P-WHT

FLORIDA FIRE PREVENTION CODE 2023
1422.2.4 LOCKING OF CLASSROOM DOORS AND DOORS TO OTHER INSTRUCTIONAL SPACES
CLASSROOM DOORS AND DOORS TO OTHER INSTRUCTIONAL SPACES SHALL BE PERMITTED TO BE LOCKED PROVIDED THAT THE LOCKING MEANS IS APPROVED AND ALL OF THE FOLLOWING CONDITIONS ARE MET:
1. THE LOCKING MEANS SHALL BE CAPABLE OF BEING ENGAGED FROM THE EGRESS SIDE OF THE DOOR WITHOUT OPENING THE DOOR.
2. THE UNLOCKING AND UNLATCHING FROM THE EGRESS SIDE OF THE DOOR SHALL BE ACCOMPLISHED WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.
3. THE RELEASE MECHANISM SHALL OPEN THE DOOR LEAF WITH NOT MORE THAN ONE RELEASE ACTION.
4. THE RELEASE MECHANISM FOR UNLOCKING AND UNLATCHING SHALL BE LOCATED AT A HEIGHT NOT LESS THAN 34 IN. (280 MM) AND NOT EXCEEDING 48 IN. (1220 MM) ABOVE THE FINISHED FLOOR.
5. LOCKS, IF REMOTELY ENGAGED, SHALL BE UNLOCKABLE FROM THE EGRESS SIDE OF THE DOOR WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.
6. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED AND OPENED FROM OUTSIDE THE ROOM WITH THE NECESSARY KEY OR OTHER CREDENTIAL.
7. THE LOCKING MEANS SHALL NOT WEAKEN THE DOOR GLASS, PANIC HARDWARE, OR FIRE EXIT HARDWARE OR IMPAIR THEIR OPERATION.
8. MODIFICATIONS TO FIRE DOOR ASSEMBLIES, INCLUDING DOOR HARDWARE, SHALL BE IN ACCORDANCE WITH NFPA 80.
9. THE EMERGENCY ACTION PLAN, REQUIRED BY 14.7.1, SHALL ADDRESS THE USE OF THE LOCKING AND UNLOCKING MEANS FROM BOTH SIDES OF THE DOOR.
10. STAFF SHALL BE DRILLED IN THE ENGAGEMENT AND RELEASE OF THE LOCKING MEANS FROM BOTH SIDES OF THE DOOR, AS PART OF THE EMERGENCY EXERCISES REQUIRED BY 14.7.2.
14.7.6 INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEMS
INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH 8.11.4.1.

1010.2.1.1 DOOR HARDWARE RELEASE OF ELECTRICALLY LOCKED EGRESS DOORS.
DOOR HARDWARE RELEASE OF ELECTRIC LOCKING SYSTEMS SHALL BE PERMITTED AS THE MEANS OF EGRESS WITHIN ANY OCCUPANCY EXCEPT IN GROUP 1 WHERE INSTALLED AND OPERATED IN ACCORDANCE WITH ALL OF THE FOLLOWING:
1. THE DOOR HARDWARE IS AFFIXED TO THE DOOR LEAF OR HAS AN OBVIOUS METHOD OF OPERATION THAT IS READILY OPERATED UNDER ALL LIGHTING CONDITIONS.
2. THE DOOR HARDWARE IS CAPABLE OF BEING OPERATED WITH ONE HAND AND SHALL COMPLY WITH SECTION 1010.2.1.
3. OPERATION OF THE DOOR HARDWARE DIRECTLY INTERRUPTS THE POWER TO THE ELECTRIC LOCK AND UNLOCKS THE DOOR IMMEDIATELY.
4. LOSS OF POWER TO THE ELECTRIC LOCKING SYSTEM AUTOMATICALLY UNLOCKS THE DOORS.
5. WHERE PANIC OR FIRE EXIT HARDWARE IS REQUIRED BY SECTION 1010.2, OPERATION OF THE PANIC OR FIRE EXIT HARDWARE ALSO RELEASES THE ELECTRIC LOCK.
6. THE LOCKING SYSTEMS UNITS SHALL BE LISTED IN ACCORDANCE WITH UL 294.

1010.2.1 STAIRWAY DOORS.
INTERIOR STAIRWAY DOORS OF EGRESS DOORS SHALL BE OPERABLE FROM BOTH SIDES WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
EXCEPTIONS:
1. STAIRWAY DOORS SHALL BE OPERABLE FROM THE EGRESS SIDE AND SHALL COMPLY WITH SECTION 1010.2.1.
2. THIS SECTION SHALL NOT APPLY TO DOORS ARRANGED IN ACCORDANCE WITH SECTION 1003.3.
3. STAIRWAY EXIT DOORS ARE PERMITTED TO BE LOCKED FROM THE SIDE OPPOSITE THE EGRESS SIDE PROVIDED THEY ARE OPERABLE FROM THE EGRESS SIDE AND CAPABLE OF BEING UNLOCKED SIMULTANEOUSLY WITHOUT UNLATCHING UPON A SIGNAL FROM THE FIRE COMMAND CENTER, IF PRESENT, OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING.
4. STAIRWAY EXIT DOORS SHALL BE OPERABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE IN GROUP 1-2, 4, AND 5 OCCUPANCIES WHERE THE ONLY INTERIOR ACCESS TO THE STAIRWAY SPACE IS FROM A SINGLE EXIT STAIRWAY WHERE PERMITTED IN SECTION 1006.3.3.
5. STAIRWAY EXIT DOORS SHALL BE OPERABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE IN GROUP 1-2 OCCUPANCIES WHERE THE ONLY INTERIOR ACCESS TO THE STAIRWAY SPACE IS FROM A SINGLE EXIT STAIRWAY WHERE PERMITTED IN SECTION 1006.3.3.

1010.2.2 LOCKING ARRANGEMENTS IN EDUCATIONAL OCCUPANCIES.
IN GROUP 1 OCCUPANCIES, GROUP 2 EDUCATIONAL OCCUPANCIES AND GROUP 1-4 OCCUPANCIES, EGRESS DOORS FROM CLASSROOMS, OFFICES AND OTHER OCCUPIED ROOMS WITH LOCKING ARRANGEMENTS EXPOSED TO KEEP PERSONS FROM ENTERING THE ROOM SHALL COMPLY WITH ALL OF THE FOLLOWING CONDITIONS:
1. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED FROM OUTSIDE THE ROOM WITH A KEY OR OTHER APPROVED MEANS.
2. THE DOOR SHALL BE OPERABLE FROM WITHIN THE ROOM IN ACCORDANCE WITH SECTION 1010.2.
3. MODIFICATIONS SHALL NOT BE MADE TO LISTED PANIC HARDWARE, FIRE DOOR HARDWARE OR DOOR GLASS.
4. MODIFICATIONS TO FIRE DOOR ASSEMBLIES SHALL BE IN ACCORDANCE WITH NFPA 80.
REMOTE LOCKING OR UNLOCKING OF DOORS FROM AN APPROVED LOCATION SHALL BE PERMITTED IN ADDITION TO THE UNLOCKING OPERATION IN ITEM 1.



LEVEL 2 - ACCESS CONTROL SYSTEM PLAN
SCALE: 1/16" = 1'-0"
0 8 16 32'
NORTH

#	DESCRIPTION	REVISION	
		DATE	

Designed by:	Date:
Drawn by:	Scale: 1/16" = 1'-0"
Approved By:	Project:

CONTRACTOR NAME:
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LEVEL 2
ACCESS CONTROL SYSTEM PLAN

AC-02

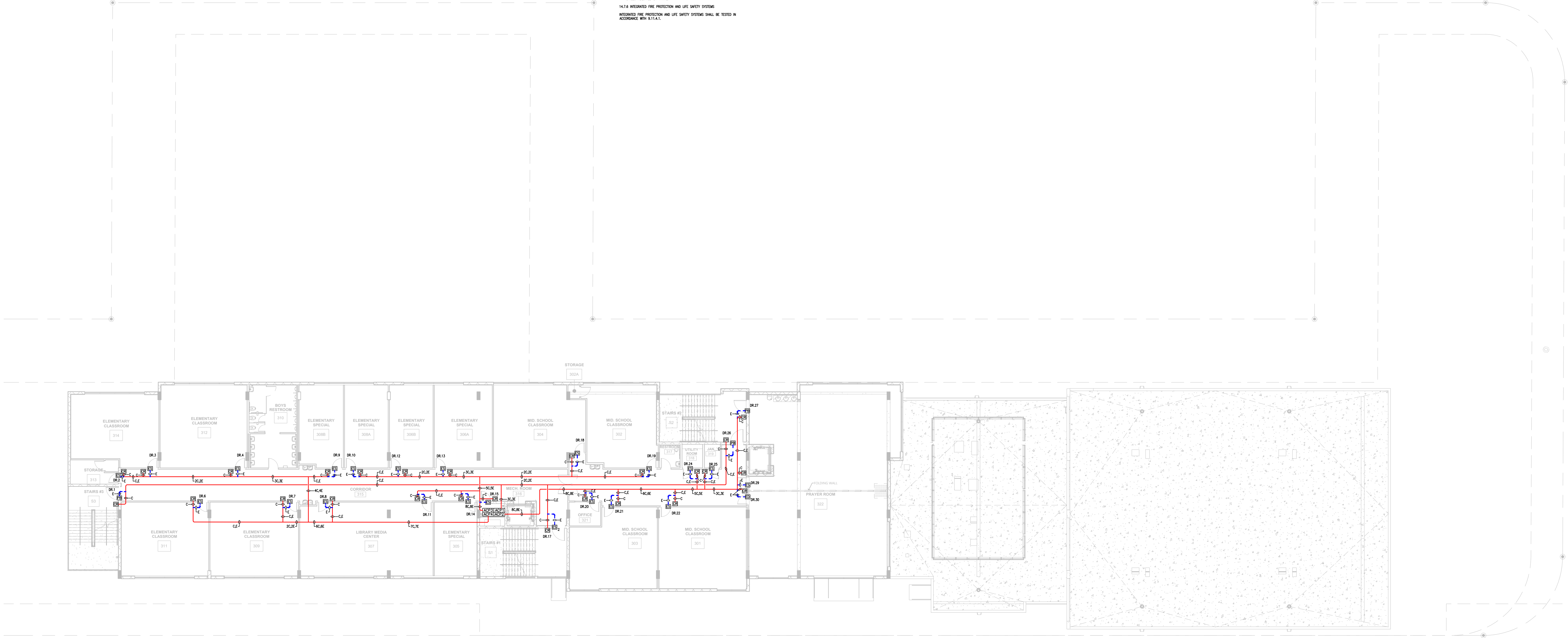
ACCESS CONTROL SYSTEM WIRE CODE CHART		
WIRE	DESCRIPTION	WIRE NUMBER
C	200P-WHT	200P-WHT
E	200P-WHT	200P-WHT
E	200P-WHT	200P-WHT

FLORIDA FIRE PREVENTION CODE 2023
1422.2.4 LOCKING OF CLASSROOM DOORS AND DOORS TO OTHER INSTRUCTIONAL SPACES
CLASSROOM DOORS AND DOORS TO OTHER INSTRUCTIONAL SPACES SHALL BE PERMITTED TO BE LOCKED PROVIDED THAT THE LOCKING MEANS IS APPROVED AND ALL OF THE FOLLOWING CONDITIONS ARE MET:
1. THE LOCKING MEANS SHALL BE CAPABLE OF BEING ENGAGED FROM THE EGRESS SIDE OF THE DOOR WITHOUT OPENING THE DOOR.
2. THE UNLOCKING AND UNLATCHING FROM THE EGRESS SIDE OF THE DOOR SHALL BE ACCOMPLISHED WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.
3. THE RELEASE MECHANISM SHALL OPEN THE DOOR LEAF WITH NOT MORE THAN ONE RELEASE ACTION.
4. THE RELEASE MECHANISM FOR UNLOCKING AND UNLATCHING SHALL BE LOCATED AT A HEIGHT NOT LESS THAN 34 IN. (890 MM) AND NOT EXCEEDING 48 IN. (1220 MM) ABOVE THE FINISHED FLOOR.
5. LOCKS, IF INSTALLED, SHALL BE UNLOCKABLE FROM THE EGRESS SIDE OF THE DOOR WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.
6. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED AND OPENED FROM OUTSIDE THE ROOM WITH THE NECESSARY KEY OR OTHER CREDENTIAL.
7. THE LOCKING MEANS SHALL NOT WEAKEN THE DOOR CLOSER, PANIC HARDWARE, OR FIRE EXIT HARDWARE OR IMPAIR THEIR OPERATION.
8. MODIFICATIONS TO FIRE DOOR ASSEMBLIES, INCLUDING DOOR HARDWARE, SHALL BE IN ACCORDANCE WITH NFPA 80.
9. THE EMERGENCY ACTION PLAN, REQUIRED BY 14.7.1, SHALL ADDRESS THE USE OF THE LOCKING AND UNLOCKING MEANS FROM BOTH SIDES OF THE DOOR.
10. STAFF SHALL BE DRILLED IN THE ENGAGEMENT AND RELEASE OF THE LOCKING MEANS FROM BOTH SIDES OF THE DOOR, AS PART OF THE EMERGENCY EGRESS DRILLS REQUIRED BY 14.7.2.
14.7.6 INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEMS
INTEGRATED FIRE PROTECTION AND LIFE SAFETY SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH 8.11.4.1.1.

1010.2.1.1 DOOR HARDWARE RELEASE OF ELECTRICALLY LOCKED EGRESS DOORS.
DOOR HARDWARE RELEASE OF ELECTRIC LOCKING SYSTEMS SHALL BE PERMITTED AS THE MEANS OF EGRESS WITHIN ANY OCCUPANCY EXCEPT IN GROUP 1-4 WHERE INSTALLED AND OPERATED IN ACCORDANCE WITH ALL OF THE FOLLOWING:
1. THE DOOR HARDWARE IS AFFIXED TO THE DOOR LEAF OR HAS AN OBVIOUS METHOD OF OPERATION THAT IS READILY OPERATED UNDER ALL LIGHTING CONDITIONS.
2. THE DOOR HARDWARE IS CAPABLE OF BEING OPERATED WITH ONE HAND AND SHALL COMPLY WITH SECTION 1010.2.1.1.
3. OPERATION OF THE DOOR HARDWARE DIRECTLY INTERRUPTS THE POWER TO THE ELECTRIC LOCK AND UNLOCKS THE DOOR MANUALLY.
4. LOSS OF POWER TO THE ELECTRIC LOCKING SYSTEM AUTOMATICALLY UNLOCKS THE DOORS.
5. WHERE PANIC OR FIRE EXIT HARDWARE IS REQUIRED BY SECTION 1010.2, OPERATION OF THE PANIC OR FIRE EXIT HARDWARE ALSO RELEASES THE ELECTRIC LOCK.
6. THE LOCKING SYSTEMS UNITS SHALL BE LISTED IN ACCORDANCE WITH UL 294.

1010.2.1 STAIRWAY DOORS.
INTERIOR STAIRWAY DOORS OF EGRESS DOORS SHALL BE OPERABLE FROM BOTH SIDES WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
EXCEPTIONS:
1. STAIRWAY DOORS SHALL BE PERMITTED TO BE LOCKED FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE.
2. THIS SECTION SHALL NOT APPLY TO DOORS ARRANGED IN ACCORDANCE WITH SECTION 1003.3.
3. STAIRWAY EXIT DOORS ARE PERMITTED TO BE LOCKED FROM THE SIDE OPPOSITE THE EGRESS SIDE PROVIDED THEY ARE OPERABLE FROM THE EGRESS SIDE AND CAPABLE OF BEING UNLOCKED SIMULTANEOUSLY WITHOUT UNLATCHING UPON A SIGNAL FROM THE FIRE COMMAND CENTER, IF PRESENT, OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING.
4. STAIRWAY EXIT DOORS SHALL BE OPERABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE IN GROUP 1-2, 4, AND 5 OCCUPANCIES WHERE THE ONLY INTERIOR ACCESS TO THE STAIRWAY SPACE IS FROM A SINGLE EXIT STAIRWAY WHERE PERMITTED IN SECTION 1003.3.
5. STAIRWAY EXIT DOORS SHALL BE OPERABLE FROM THE EGRESS SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE IN GROUP 1-2 OCCUPANCIES WHERE THE ONLY INTERIOR ACCESS TO THE STAIRWAY SPACE IS FROM A SINGLE EXIT STAIRWAY WHERE PERMITTED IN SECTION 1003.3.

1010.2.2 LOCKING ARRANGEMENTS IN EDUCATIONAL OCCUPANCIES.
IN GROUP 1-4 OCCUPANCIES, GROUP 1-4 EDUCATIONAL OCCUPANCIES AND GROUP 1-4 OCCUPANCIES, EGRESS DOORS FROM CLASSROOMS, OFFICES AND OTHER OCCUPIED ROOMS WITH LOCKING ARRANGEMENTS EXPOSED TO KEYS OR SPECIAL KNOWLEDGE OR EFFORT SHALL COMPLY WITH ALL OF THE FOLLOWING CONDITIONS:
1. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED FROM OUTSIDE THE ROOM WITH A KEY OR OTHER APPROVED MEANS.
2. THE DOOR SHALL BE OPERABLE FROM WITHIN THE ROOM IN ACCORDANCE WITH SECTION 1010.2.
3. MODIFICATIONS SHALL NOT BE MADE TO LISTED PANIC HARDWARE, FIRE DOOR HARDWARE OR DOOR CLOSERS.
4. MODIFICATIONS TO FIRE DOOR ASSEMBLIES SHALL BE IN ACCORDANCE WITH NFPA 80.
REMOTE LOCKING OR UNLOCKING OF DOORS FROM AN APPROVED LOCATION SHALL BE PERMITTED IN ADDITION TO THE UNLOCKING OPERATION IN ITEM 1.



LEVEL 3 - ACCESS CONTROL SYSTEM PLAN
SCALE: 1/16" = 1'-0"
0 8 16 32'
NORTH

#	DESCRIPTION	REVISION	
		DATE:	

Designed by:	Date:
Drawn by:	Scale: 1/16" = 1'-0"
Approved By:	Project:

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LEVEL 3
ACCESS CONTROL SYSTEM PLAN

AC-03

ACCESS CONTROL SYSTEM WIRE CODE CHART		
WIRE TYPE	DESCRIPTION	WIRE NUMBER
C	CONTROL CABLE	200P-WT
E	200 OHM SHIELDED CWP	200P-WT
A	18 AWG SHIELDED CWP	1804P-WT

FLORIDA FIRE PREVENTION CODE 2023
14.2.2.4 LOCKING OF CLASSROOM DOORS AND DOORS TO OTHER INSTRUCTIONAL SPACES

CLASSROOM DOORS AND DOORS TO OTHER INSTRUCTIONAL SPACES SHALL BE PERMITTED TO BE LOCKED PROVIDED THAT THE LOCKING MEANS IS APPROVED AND ALL OF THE FOLLOWING CONDITIONS ARE MET:

1. THE LOCKING MEANS SHALL BE CAPABLE OF BEING ENGAGED FROM THE EXTERIOR SIDE OF THE DOOR WITHOUT OPENING THE DOOR.
2. THE UNLOCKING AND REMOVAL FROM THE EXTERIOR SIDE OF THE DOOR SHALL BE ACCOMPLISHED WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.
3. THE RELEASING MECHANISM SHALL OPEN THE DOOR LEAF WITH NOT MORE THAN ONE RELEASING MOTION.
4. THE RELEASING MECHANISM FOR UNLOCKING AND UNLATCHING SHALL BE LOCATED AT A HEIGHT NOT LESS THAN 34 IN. (865 MM) AND NOT EXCEEDING 48 IN. (1219 MM) ABOVE THE FINISHED FLOOR.
5. LOCKS, IF REMOTELY ENGAGED, SHALL BE UNLOCKABLE FROM THE EXTERIOR SIDE OF THE DOOR WITHOUT THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT.
6. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED AND OPENED FROM OUTSIDE THE ROOM WITH THE NECESSARY KEY OR OTHER CREDENTIAL.
7. THE LOCKING MEANS SHALL NOT WEAKEN THE DOOR CLOSER, PANE HINGEWARE, OR FIRE DOOR HINGEWARE OR WEAKEN THE DOOR.
8. MODIFICATIONS TO FIRE DOOR ASSEMBLIES, INCLUDING DOOR HINGEWARE, SHALL BE IN ACCORDANCE WITH NFPA 80.
9. THE EMERGENCY ACTION PLAN REQUIRED BY 14.1.7.1, SHALL ADDRESS THE USE OF THE LOCKING AND UNLOCKING MEANS FROM BOTH SIDES OF THE DOOR.
10. STAFF SHALL BE DRILLED IN THE ENGAGEMENT AND RELEASE OF THE LOCKING MEANS FROM BOTH SIDES OF THE DOOR AS PART OF THE EMERGENCY EXERCISES REQUIRED BY 14.1.7.2.
- 14.1.6.1 MEASURED FIRE PROTECTION AND LIFE SAFETY SYSTEMS
- 14.1.6.2 MEASURED FIRE PROTECTION AND LIFE SAFETY SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH 9.11.4.1.

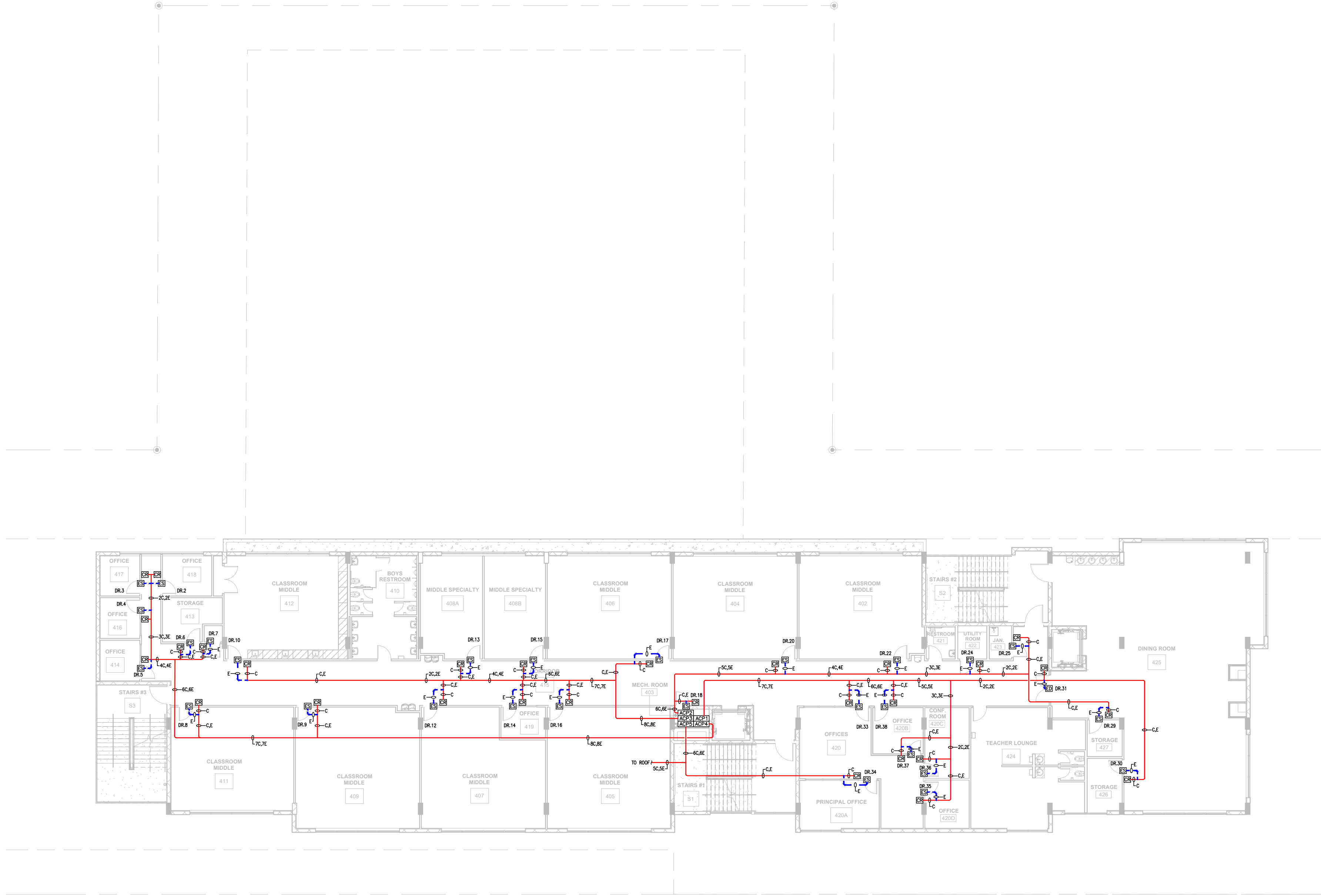
- 1010.2.11 DOOR HINGEWARE RELEASE OF ELECTRICALLY LOCKED EXCESS DOORS
- DOOR HINGEWARE RELEASE OF ELECTRIC LOCKING SYSTEMS SHALL BE PERMITTED AS THE MEANS OF EGRESS FROM ANY OCCUPANCY EXCEPT IN GROUP A, WHERE HINGEWARE IS PERMITTED TO BE USED IN ACCORDANCE WITH THE FOLLOWING:
1. THE DOOR HINGEWARE IS ATTACHED TO THE DOOR LEAF OR HAS AN EGRESS METHOD OF OPERATION THAT IS READILY OPERATED UNDER ALL LIGHTING CONDITIONS.
 2. THE DOOR HINGEWARE IS CAPABLE OF BEING OPERATED WITH ONE HAND AND SHALL COMPLY WITH SECTION 1010.2.1.
 3. OPERATION OF THE DOOR HINGEWARE DIRECTLY INTERRUPTS THE POWER TO THE ELECTRIC LOCK AND UNLOCKS THE DOOR IMMEDIATELY.
 4. LOSS OF POWER TO THE ELECTRIC LOCKING SYSTEM AUTOMATICALLY UNLOCKS THE DOORS.
 5. WHERE FANG OR FIRE EXIT HINGEWARE IS REQUIRED BY SECTION 1010.2, OPERATION OF THE FANG OR FIRE EXIT HINGEWARE ALSO RELEASES THE ELECTRIC LOCK.
 6. THE LOCKING SYSTEMS UNITS SHALL BE LISTED IN ACCORDANCE WITH UL 304.

- 1010.2.7 STAIRWAY DOORS
- INTERIOR STAIRWAY DOORS OF EXCESS DOORS SHALL BE OPERABLE FROM BOTH SIDES WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- EXCEPTIONS:
1. STAIRWAY EXCESS DOORS SHALL BE OPERABLE FROM THE EXTERIOR SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE.
 2. THIS SECTION SHALL NOT APPLY TO DOORS ARRANGED IN ACCORDANCE WITH SECTION 1006.3.
 3. STAIRWAY EXIT DOORS ARE PERMITTED TO BE LOCKED FROM THE SIDE OPPOSITE THE EXTERIOR SIDE PROVIDED THEY ARE OPERABLE FROM THE EXTERIOR SIDE AND CAPABLE OF BEING UNLOCKED SIMULTANEOUSLY WITHOUT UNLATCHING UPON A SIGNAL FROM THE FIRE COMMAND CENTER, IF PROVIDED, OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING.
 4. STAIRWAY EXIT DOORS SHALL BE OPERABLE FROM THE EXTERIOR SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE IN GROUP B, C, AND D OCCUPANCIES WHERE THE ONLY INTERIOR ACCESS TO THE STAIRWAY SPACE IS FROM A SINGLE EXIT CORRIDOR WHERE PERMITTED IN SECTION 1006.3.3.
 5. STAIRWAY EXIT DOORS SHALL BE OPERABLE FROM THE EXTERIOR SIDE AND SHALL ONLY BE LOCKED FROM THE OPPOSITE SIDE IN GROUP B-2 OCCUPANCIES WHERE THE ONLY INTERIOR ACCESS TO THE STAIRWAY SPACE IS FROM A SINGLE EXIT STAIRWAY WHERE PERMITTED IN SECTION 1006.3.3.

1010.2.8 LOCKING ARRANGEMENTS IN EDUCATIONAL OCCUPANCIES

IN GROUP E OCCUPANCIES, GROUP B EDUCATIONAL OCCUPANCIES AND GROUP I-4 OCCUPANCIES, EXCESS DOORS FROM CLASSROOMS, OFFICES AND OTHER OCCUPIED ROOMS WITH LOCKING ARRANGEMENTS LOCATED TO KEEP BUILDERS FROM ENTERING THE ROOM SHALL COMPLY WITH ALL OF THE FOLLOWING CONDITIONS:

1. THE DOOR SHALL BE CAPABLE OF BEING UNLOCKED FROM OUTSIDE THE ROOM WITH A KEY OR OTHER APPROVED MEANS.
 2. THE DOOR SHALL BE OPERABLE FROM WITHIN THE ROOM IN ACCORDANCE WITH SECTION 1010.2.
 3. MODIFICATIONS SHALL NOT BE MADE TO LISTED PANE HINGEWARE, FIRE DOOR HINGEWARE OR DOOR CLOSERS.
 4. MODIFICATIONS TO FIRE DOOR ASSEMBLIES SHALL BE IN ACCORDANCE WITH NFPA 80.
- REMOTE LOCKING OR UNLOCKING OF DOORS FROM AN APPROVED LOCATION SHALL BE PERMITTED IN ADDITION TO THE UNLOCKING OPERATION IN ITEM 1.



LEVEL 4 - ACCESS CONTROL SYSTEM PLAN

SCALE: 1/16" = 1'-0"
0 8 16 32'



REVISION		DATE:
#	DESCRIPTION	

Designed by:	Date:	1/16" = 1'-0"
Drawn by:	Scale:	Project:
Approved By:		

CONTRACTOR NAME:	CONTRACTOR NO.:
QUALIFIER NAME:	ADDRESS:

FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@realalmsdesign.co
(802)734-8742



FIRE ALARM
DESIGN CO.

LEVEL 4 ACCESS CONTROL SYSTEM PLAN

Designed by:	Date:
Drawn by:	Scale: 1/16" = 1'-0"
Approved By:	Project:

 **FIRE ALARM**
DESIGN CO.

FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@firealarmdesign.co
(802)734-8742

ROOF ACCESS CONTROL SYSTEM PLAN



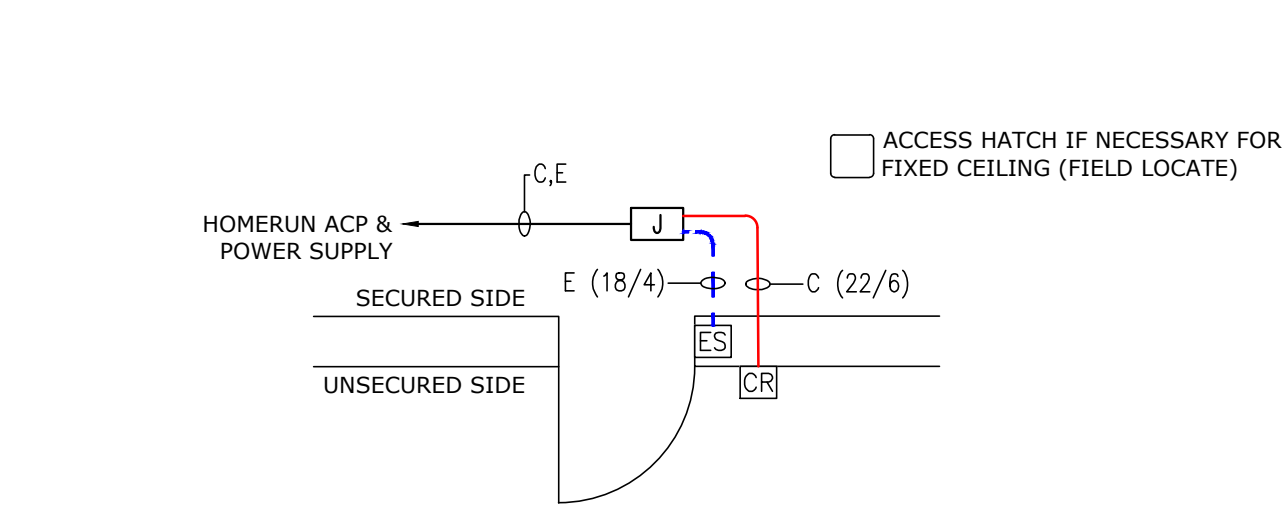
DOOR NUMBER	DOOR TYPE	LEVEL #	LOCATION	PANEL	PANEL LOCATION	DEVICE TYPE			DEVICE TYPE		
						DOOR HARDWARE	MODEL	QUANTITY	DOOR READER	MODEL	QUANTITY
DR.31	D5.1	LEVEL 1	TRASH ROOM 126	ACP1	IT STORAGE 119	DOOR HANDLE	SCHLAGE L9492 L/C 06A 630 RHR	2	CARD READER	HID 5395	1
DR.36	S5.2	LEVEL 1	KITCHEN 123	ACP1	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.37	D1.1	LEVEL 1	STORAGE 122	ACP1	IT STORAGE 119	ELECTRIC STRIKE	HES 1600	1	CARD READER	HID 5395	1
DR.1	S5.1	LEVEL 1	STAIRS # 3 S3	ACP2	IT STORAGE 119	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.18	D4.1	LEVEL 1	CORRIDOR NEAR EDUCATION ADMIN	ACP2	IT STORAGE 119	EXIT DEVICE PUSH BAR	ESWINDOWS 1490	1	CARD READER	HID 5395	1
DR.22	D4.1	LEVEL 1	LOBBY 100	ACP2	IT STORAGE 119	EXIT DEVICE PUSH BAR	ESWINDOWS 1490	1	CARD READER	HID 5395	1
DR.23	D4.1	LEVEL 1	LOBBY 100	ACP2	IT STORAGE 119	EXIT DEVICE PUSH BAR	ESWINDOWS 1490	1	CARD READER	HID 5395	1
DR.29	S5.1	LEVEL 1	ELEC. ROOM 125	ACP2	IT STORAGE 119	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.30	S4.1	LEVEL 1	CORRIDOR NEAR KITCHEN 123	ACP2	IT STORAGE 119	DOOR HANDLE	SCHLAGE L9492 L/C 06A 630 RHR	1	CARD READER	HID 5395	1
DR.48	S5.1	LEVEL 1	STAIRS #2 S2	ACP2	IT STORAGE 119	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.32	S2.1	LEVEL 1	FIRE PUMP ROOM 127	ACP2	IT STORAGE 119	ELECTRIC STRIKE	HES 1600	1	CARD READER	HID 5395	1
DR.28	S1.1	LEVEL 1	STAIRS #2 S2	ACP3	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.33	S1.2	LEVEL 1	TRASH ROOM 126	ACP3	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.34	S1.2	LEVEL 1	KITCHEN 123	ACP3	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.39	D3.1	LEVEL 1	CAFETERIA 130	ACP3	IT STORAGE 119	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.41	D1.3	LEVEL 1	STORAGE 134	ACP3	IT STORAGE 119	ELECTRIC STRIKE	HES 1600	2	CARD READER	HID 5395	1
DR.42	S5.1	LEVEL 1	CAFETERIA 130	ACP3	IT STORAGE 119	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.17	D3.2	LEVEL 1	STAIRS #1 S1	ACP4	IT STORAGE 119	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.21	S1.2	LEVEL 1	ADMISSIONS OFFICE 101	ACP4	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.26	D3.1	LEVEL 1	CORRIDOR 128	ACP4	IT STORAGE 119	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.27	S1.2	LEVEL 1	IT STORAGE 119	ACP4	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.38	D3.1	LEVEL 1	CAFETERIA 130	ACP4	IT STORAGE 119	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.49	S1.1	LEVEL 1	SHARED CONF. ROOM 117	ACP4	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.50	S1.2	LEVEL 1	IT ROOM / NETWORK ROOM 118	ACP4	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.8	S1.2	LEVEL 1	EDUCATION ADMIN. 104	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.9	S1.1	LEVEL 1	MECH. ROOM 103	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.10	D3.1	LEVEL 1	CORRIDOR 115	ACP5	IT STORAGE 119	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.11	S1.2	LEVEL 1	1ST GRADE CLASSROOM 105	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.15	S1.1	LEVEL 1	EDUCATION ADMIN. 104	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.19	S1.2	LEVEL 1	SHARED CONF. ROOM 117	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.20	S1.2	LEVEL 1	ADMISSIONS CONF. 102	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.51	S1.2	LEVEL 1	EDUCATION ADMIN. 104	ACP5	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.2	S1.1	LEVEL 1	JANITOR 113	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.3	S1.2	LEVEL 1	1ST GRADE CLASSROOM 114	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.4	S1.2	LEVEL 1	1ST GRADE CLASSROOM 112	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.6	S1.2	LEVEL 1	1ST GRADE CLASSROOM 108	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.7	S1.2	LEVEL 1	1ST GRADE CLASSROOM 106	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.12	S1.2	LEVEL 1	1ST GRADE CLASSROOM 107	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.13	S1.2	LEVEL 1	1ST GRADE CLASSROOM 109	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.14	S1.2	LEVEL 1	1ST GRADE CLASSROOM 111	ACP6	IT STORAGE 119	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.43	S5.1	LEVEL 1	GOING TO ELECTRICAL ROOM 131	ACP1	ELECTICAL 131	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.44	S1.1	LEVEL 1	ELECTRICAL ROOM 131	ACP1	ELECTICAL 131	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.46	D3.1	LEVEL 1	GYMNASIUM 132	ACP1	ELECTICAL 131	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.47	D3.1	LEVEL 1	GYMNASIUM 132	ACP1	ELECTICAL 131	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1

DOOR NUMBER	DOOR TYPE	LEVEL #	LOCATION	PANEL	PANEL LOCATION	DEVICE TYPE			DEVICE TYPE		
						DOOR HARDWARE	MODEL	QUANTITY	DOOR READER	MODEL	QUANTITY
DR.31	S1.2	LEVEL 2	CONFERENCE ROOM 230	ACP1	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.32	S1.2	LEVEL 2	CONFERENCE ROOM / GROOM 232	ACP1	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.33	S1.2	LEVEL 2	OFFICE / GROOM 231	ACP1	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.34	S1.2	LEVEL 2	OFFICE 229	ACP1	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.35	S1.2	LEVEL 2	OFFICE / BRIDE 227	ACP1	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.30	S1.2	LEVEL 2	NETWORK RM 124	ACP1	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.19	S1.1	LEVEL 2	UTILITY ROOM 217	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.20	S1.1	LEVEL 2	JANITORS ROOM 218	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.21	S1.2	LEVEL 2	THERAPY DOOR 1	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.22	S1.2	LEVEL 2	THERAPY DOOR 2	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.28	D6.2	LEVEL 2	STORAGE 226	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	2	CARD READER	HID 5395	1
DR.29	S1.1	LEVEL 2	ELEC. ROOM 223	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.38	S1.2	LEVEL 2	STORAGE 220	ACP2	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.10	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 209	ACP3	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.11	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 211	ACP3	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.12	S1.1	LEVEL 2	MECH. ROOM 203	ACP3	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.13	S1.2	LEVEL 2	OFFICE 204	ACP3	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.39	S1.2	LEVEL 2	OFFICE 204A	ACP3	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.40	S1.2	LEVEL 2	OFFICE 204B	ACP3	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.2	S1.2	LEVEL 2	STORAGE 213	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.3	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 214	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.4	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 212	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.6	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 208	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.7	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 206	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.8	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 205	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.9	S1.2	LEVEL 2	CLASSROOM ELEMENTARY 207	ACP4	MECH ROOM 203	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.1	S5.1	LEVEL 2	STAIRS #3 S3	ACP5	MECH ROOM 203	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.16	S5.1	LEVEL 2	STAIRS #1 S1	ACP5	MECH ROOM 203	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.23	S5.1	LEVEL 2	STAIRS #2 S2	ACP5	MECH ROOM 203	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.24	S5.1	LEVEL 2	AUDITORIUM 219	ACP5	MECH ROOM 203	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.25	D3.1	LEVEL 2	AUDITORIUM 219	ACP5	MECH ROOM 203	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.26	S5.1	LEVEL 2	KITCHENETTE 233	ACP5	MECH ROOM 203	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1

DOOR NUMBER	DOOR TYPE	LEVEL #	LOCATION	PANEL	PANEL LOCATION	DEVICE TYPE			DEVICE TYPE		
						DOOR HARDWARE	MODEL	QUANTITY	DOOR READER	MODEL	QUANTITY
DR.1	S5.1	LEVEL 3	STAIRS #3 S3	ACP1	MECH ROOM 303	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.17	S3.1	LEVEL 3	STAIRS #1 S1	ACP1	MECH ROOM 303	ELECTRIC STRIKE	HES 9500	1	CARD READER	HID 5395	1
DR.26	S5.1	LEVEL 3	STAIRS #2 S2	ACP1	MECH ROOM 303	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.20	S1.2	LEVEL 3	OFFICE 321	ACP2	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.21	S1.2	LEVEL 3	MID. SCHOOL CLASSROOM 303	ACP2	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.22	S1.2	LEVEL 3	MID. SCHOOL CLASSROOM 301	ACP2	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.24	S1.1	LEVEL 3	UTILITY ROOM 318	ACP2	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.25	S1.1	LEVEL 3	JANITOR 319	ACP2	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.27	S5.1	LEVEL 3	STAIRS #2 S2	ACP2	MECH ROOM 303	EXIT DEVICE PUSH BAR	VON DUPRIN XP98/XP99	1	CARD READER	HID 5395	1
DR.29	S1.1	LEVEL 3	PRAYER ROOM 322	ACP2	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.30	S6.1	LEVEL 3	PRAYER ROOM 322	ACP2	MECH ROOM 303	EXIT DEVICE PUSH BAR	FALCON F-25-V	1	CARD READER	HID 5395	1
DR.10	S1.2	LEVEL 3	ELEMENTARY SPECIAL 308A	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.11	S1.2	LEVEL 3	LIBRARY MEDIA CENTER 307	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.12	S1.2	LEVEL 3	ELEMENTARY SPECIAL 306B	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.13	S1.2	LEVEL 3	ELEMENTARY SPECIAL 306A	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.14	S1.2	LEVEL 3	ELEMENTARY SPECIAL 305	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.15	S1.1	LEVEL 3	MECH. ROOM 316	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.18	S1.2	LEVEL 3	MID. SCHOOL CLASSROOM 304	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.19	S1.2	LEVEL 3	MID. SCHOOL CLASSROOM 302	ACP3	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.2	S1.2	LEVEL 3	STORAGE 313	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.3	S1.2	LEVEL 3	ELEMENTARY CLASSROOM 314	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.4	S1.2	LEVEL 3	ELEMENTARY CLASSROOM 312	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.6	S1.2	LEVEL 3	ELEMENTARY CLASSROOM 311	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.7	S1.2	LEVEL 3	ELEMENTARY CLASSROOM 308	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.8	S1.2	LEVEL 3	ELIBRARY MEDIA CENTER 307	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1
DR.9	S1.2	LEVEL 3	ELEMENTARY SPECIAL 308B	ACP4	MECH ROOM 303	ELECTRIC STRIKE	HES 5300	1	CARD READER	HID 5395	1

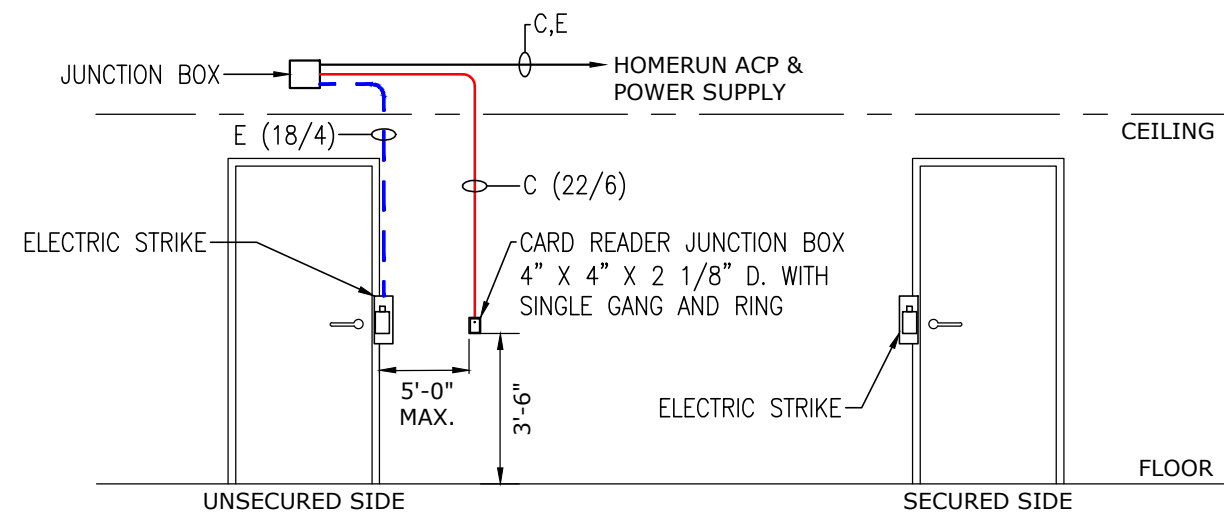
TYPICAL DOOR DETAILS (SINGLE LEAF)

ACCESS CONTROL SYSTEM WIRE CODE CHART		
LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



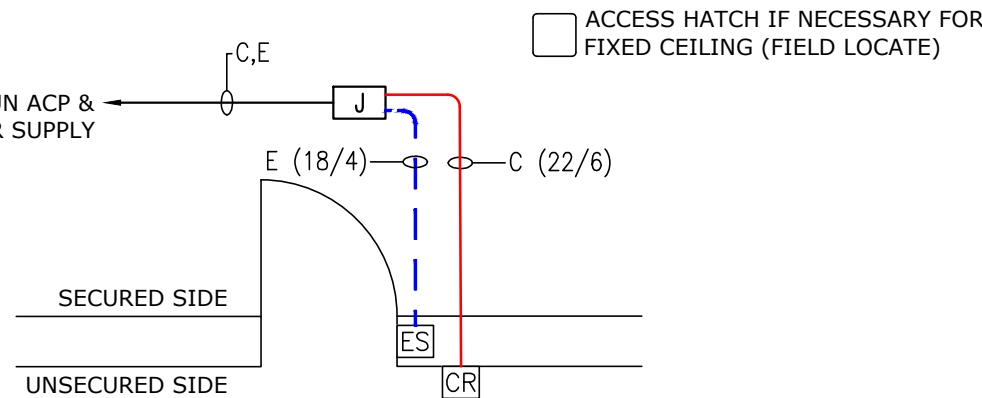
DOOR STRIKE - DOOR TYPE S1.1
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 5300 SERIES
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



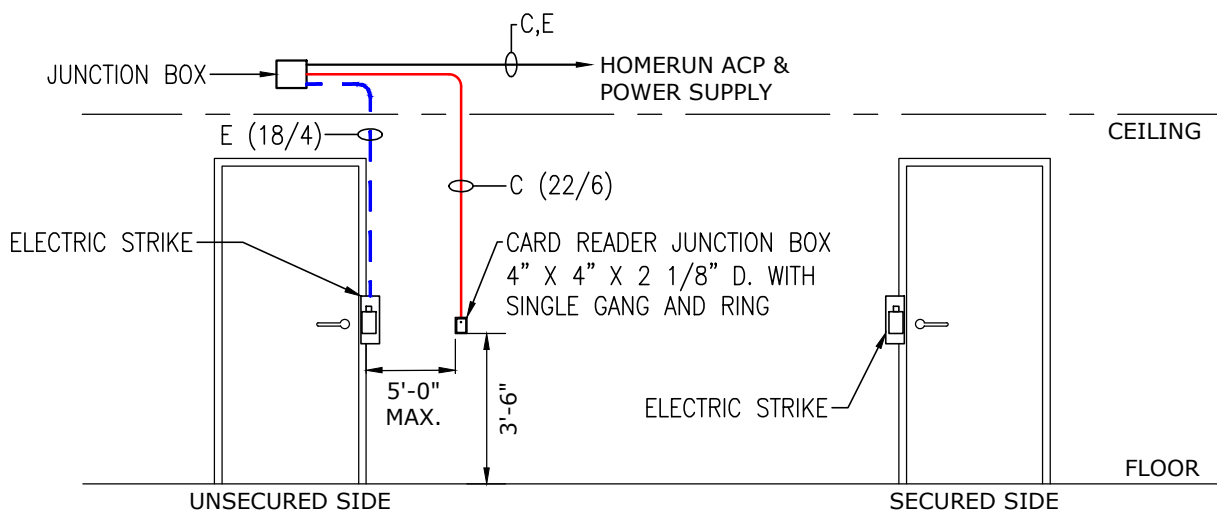
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 5300 SERIES ELECTRIC STRIKE.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
 3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



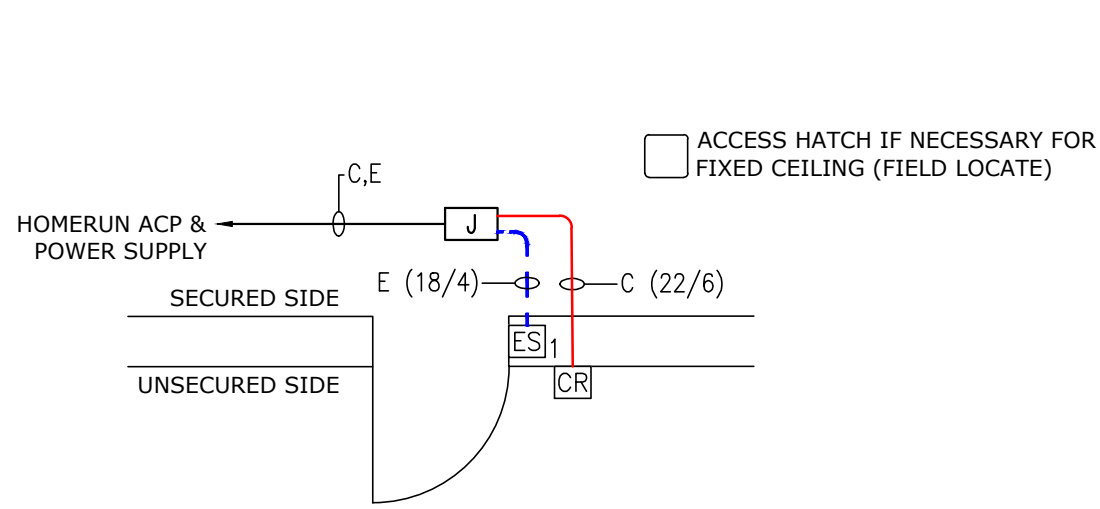
DOOR STRIKE - DOOR TYPE S1.2
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 5300 SERIES
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



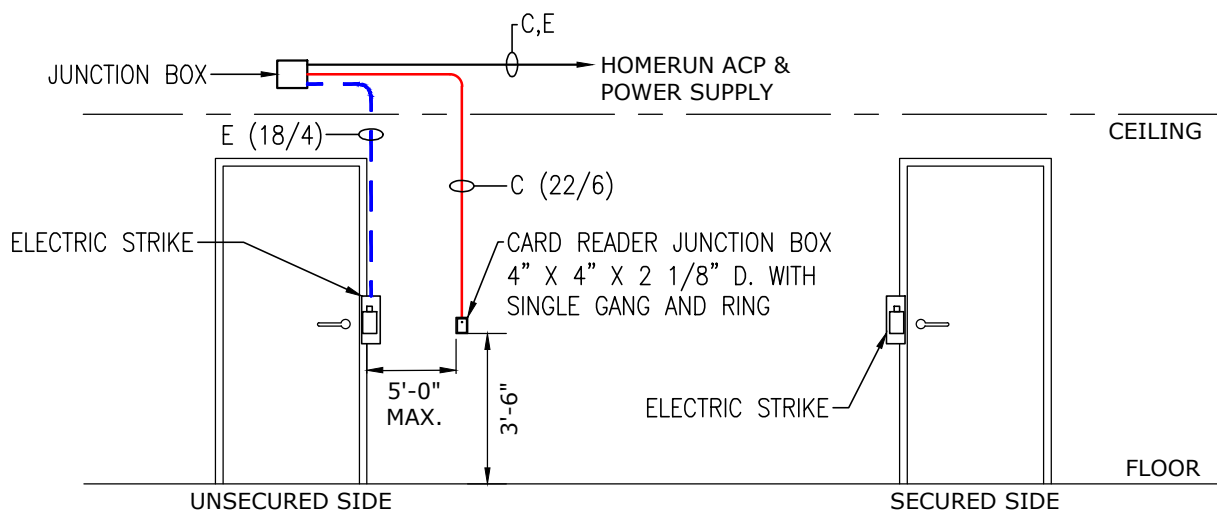
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 5300 SERIES ELECTRIC STRIKE.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
 3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



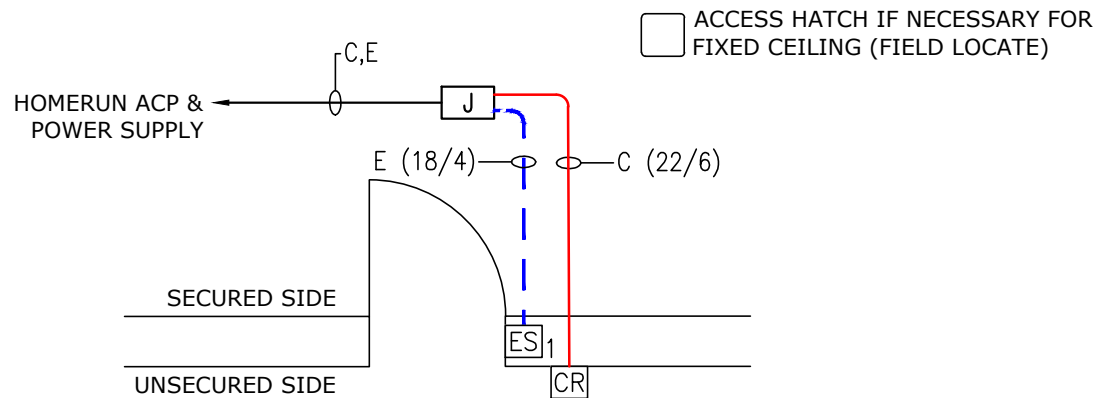
DOOR STRIKE - DOOR TYPE S2.1
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 1600 SERIES
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



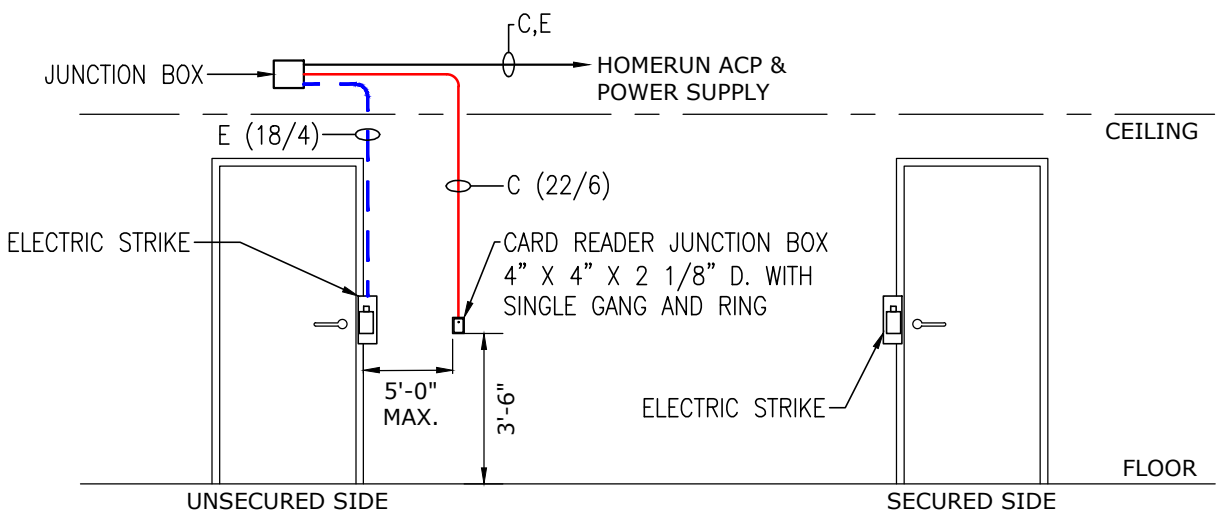
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1600 SERIES ELECTRIC STRIKE.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
 3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



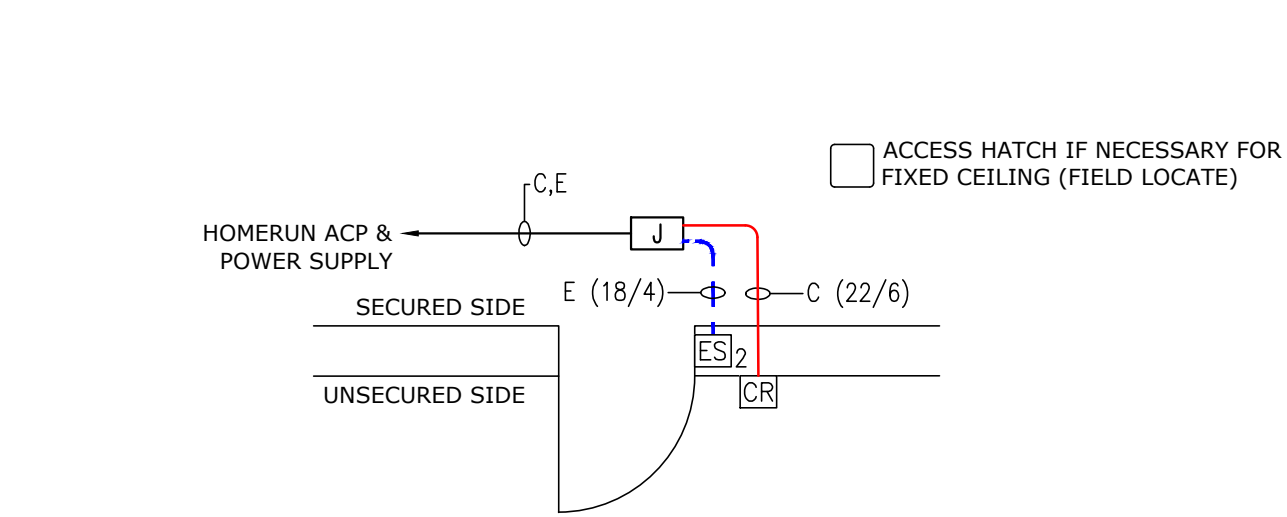
DOOR STRIKE - DOOR TYPE S2.2
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 5300 SERIES
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



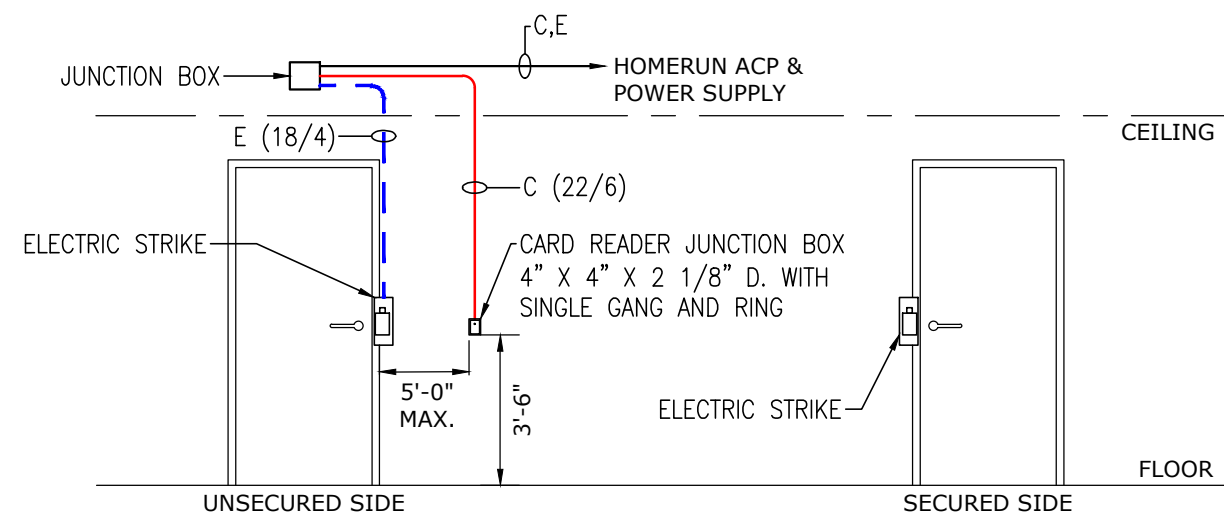
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1600 SERIES ELECTRIC STRIKE.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
 3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



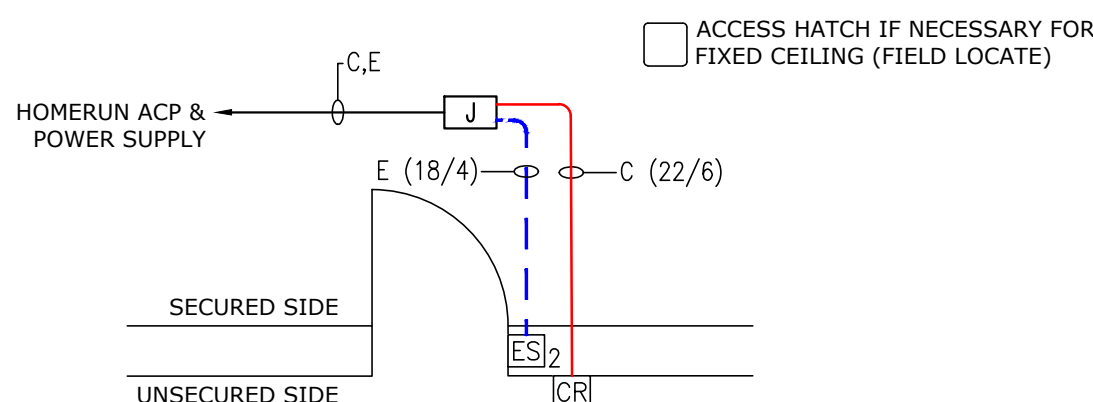
DOOR STRIKE - DOOR TYPE S3.1
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 9500 SERIES
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



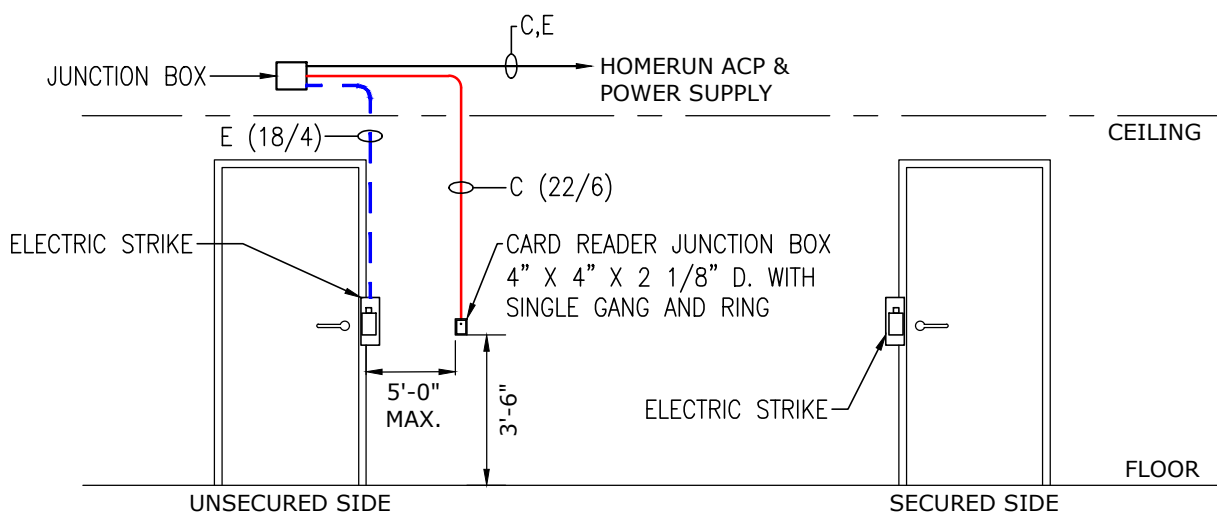
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 9500 SERIES ELECTRIC STRIKE.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
 3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



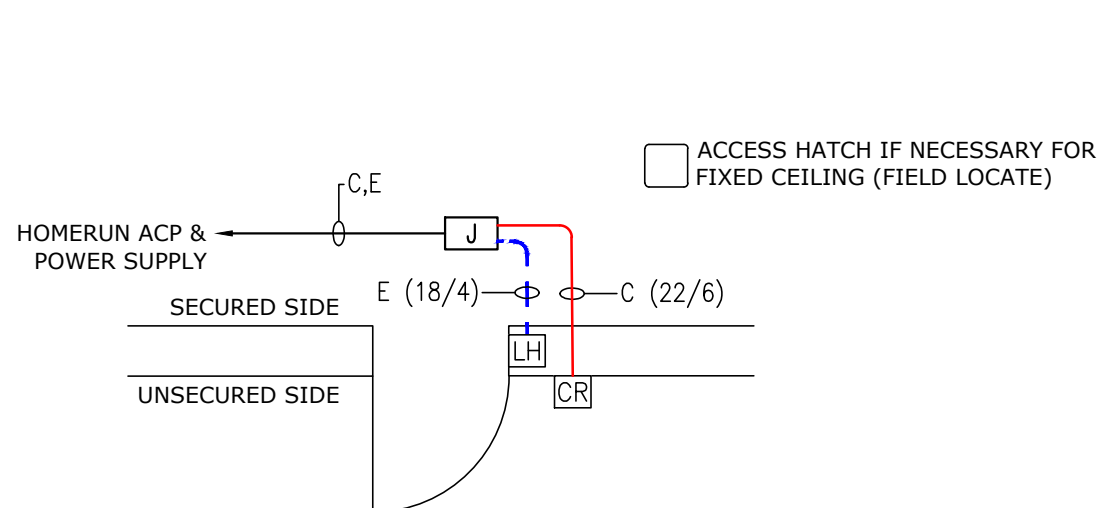
DOOR STRIKE - DOOR TYPE S3.2
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 9500 SERIES
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



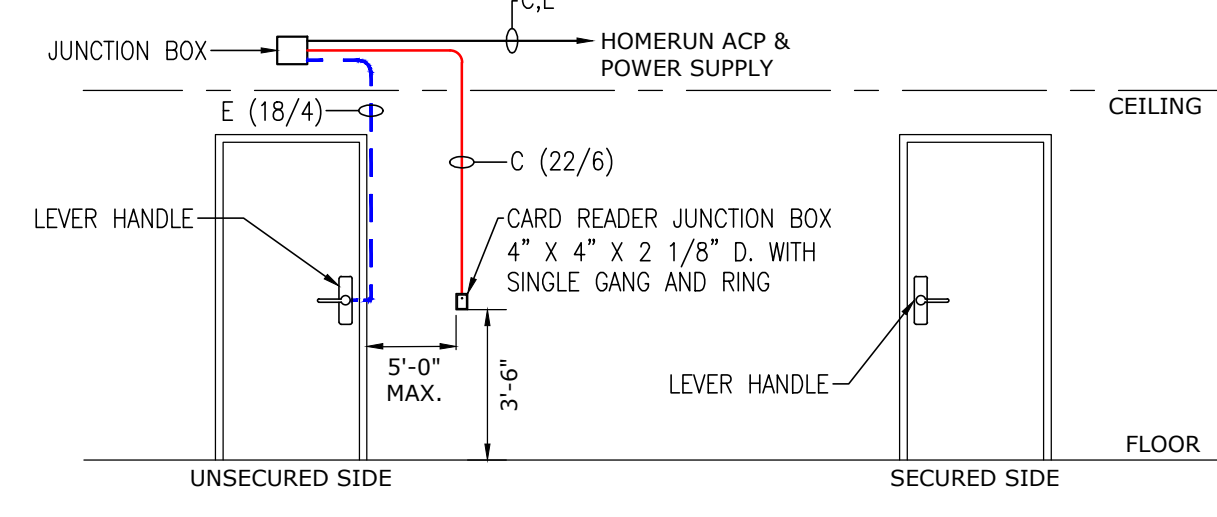
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 9500 SERIES ELECTRIC STRIKE.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
 3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



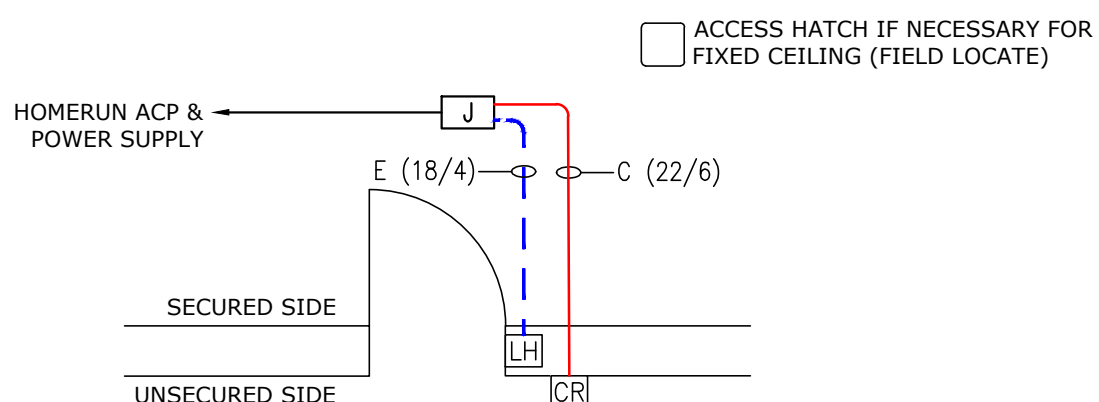
DOOR LEVER HANDLE - DOOR TYPE S4.1
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - LEVER HANDLE
 - L9492 L/C 06A 630 RHR
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



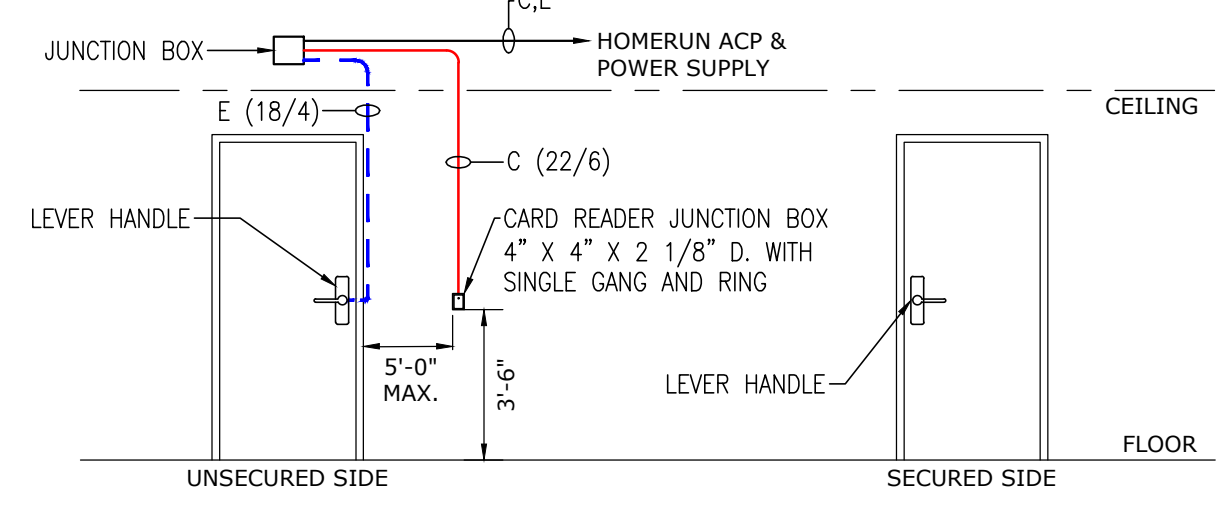
ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE SCHLAGE L9492 LOCKSET.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
 3. LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



DOOR LEVER HANDLE - DOOR TYPE S4.2
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - LEVER HANDLE
 - L9492 L/C 06A 630 RHR
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



ELEVATION VIEW

- SEQUENCE OF OPERATIONS:
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE SCHLAGE L9492 LOCKSET.
 2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
 3. LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
 4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
 5. LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

REVISION	DATE:	
	DESCRIPTION	#

Date:	Scale:	AS NOTED
Designed by:	Drawn by:	Approved By:

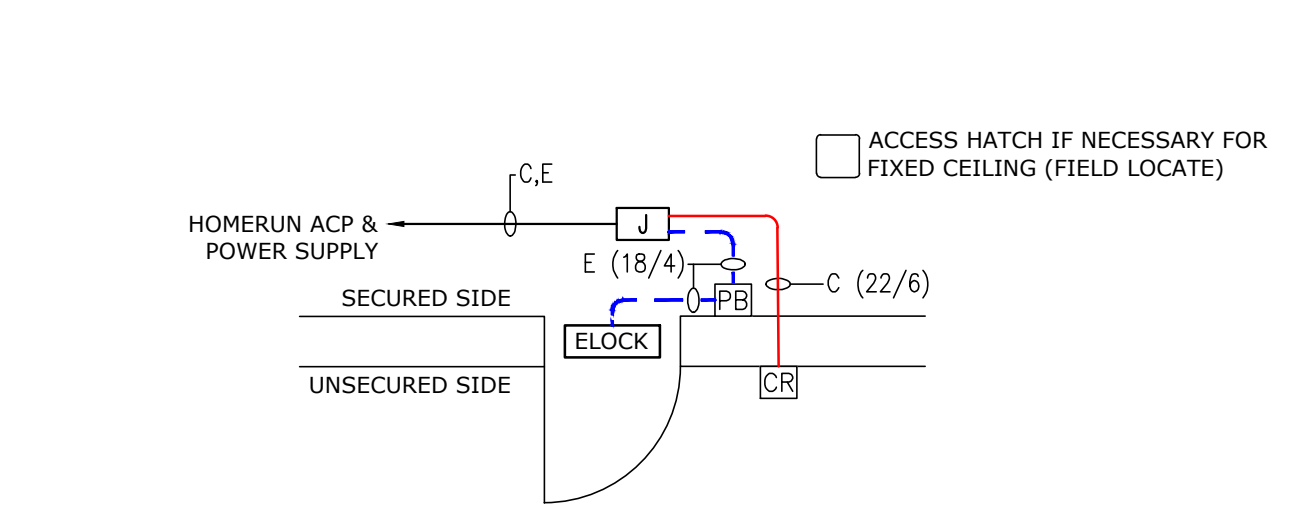
CONTRACTOR NAME:	CONTRACTOR NO.:
QUALIFIER NAME:	ADDRESS:

FIRE ALARM DESIGN CO. PO BOX 3394 BURLINGTON, VT 05408 info@realalrdesign.co (802)734-8742
--

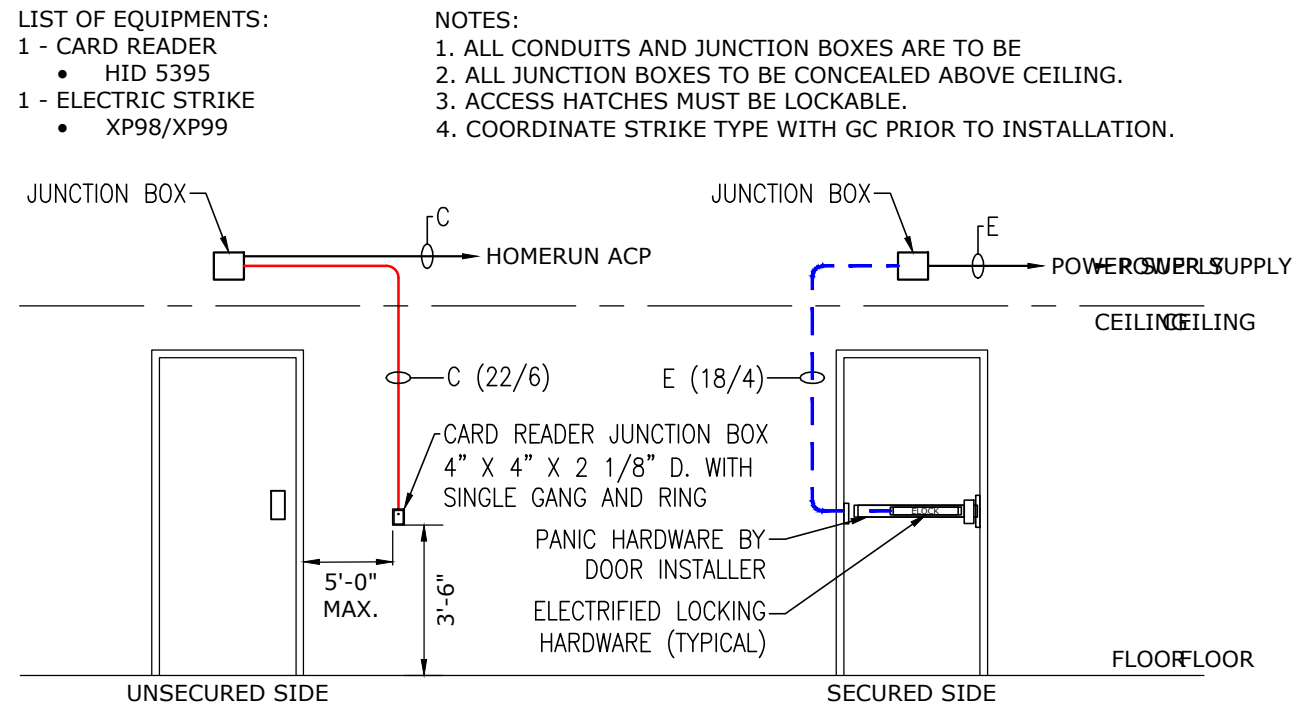


ACCESS CONTROL SYSTEM TYPICAL DOOR DETAILS 1 (SINGLE LEAF)

TYPICAL DOOR DETAILS (SINGLE LEAF)



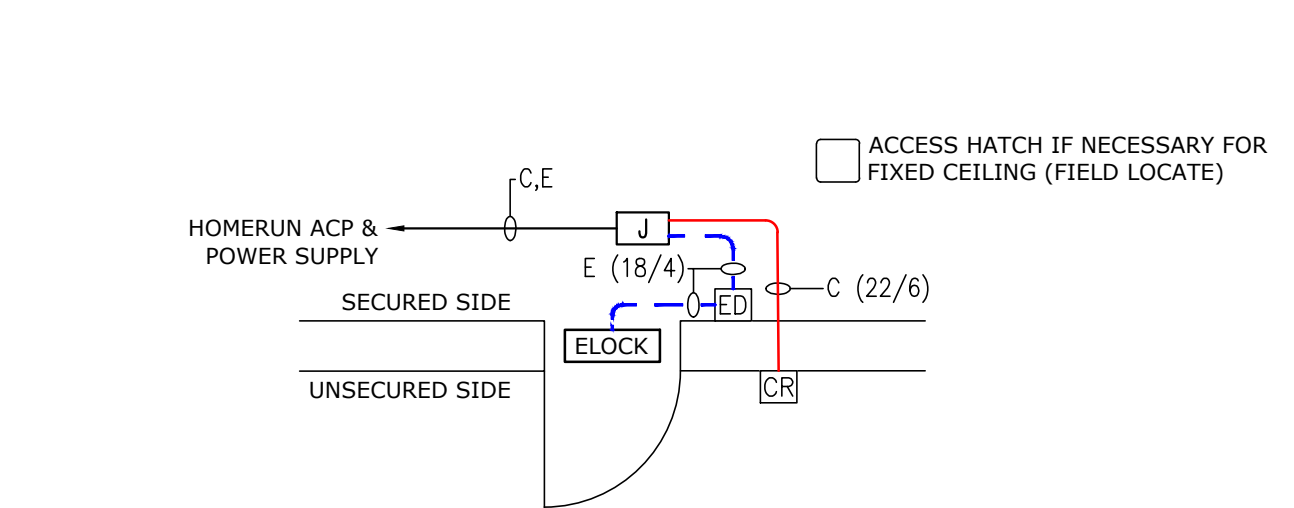
DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE S5.1
PLAN VIEW



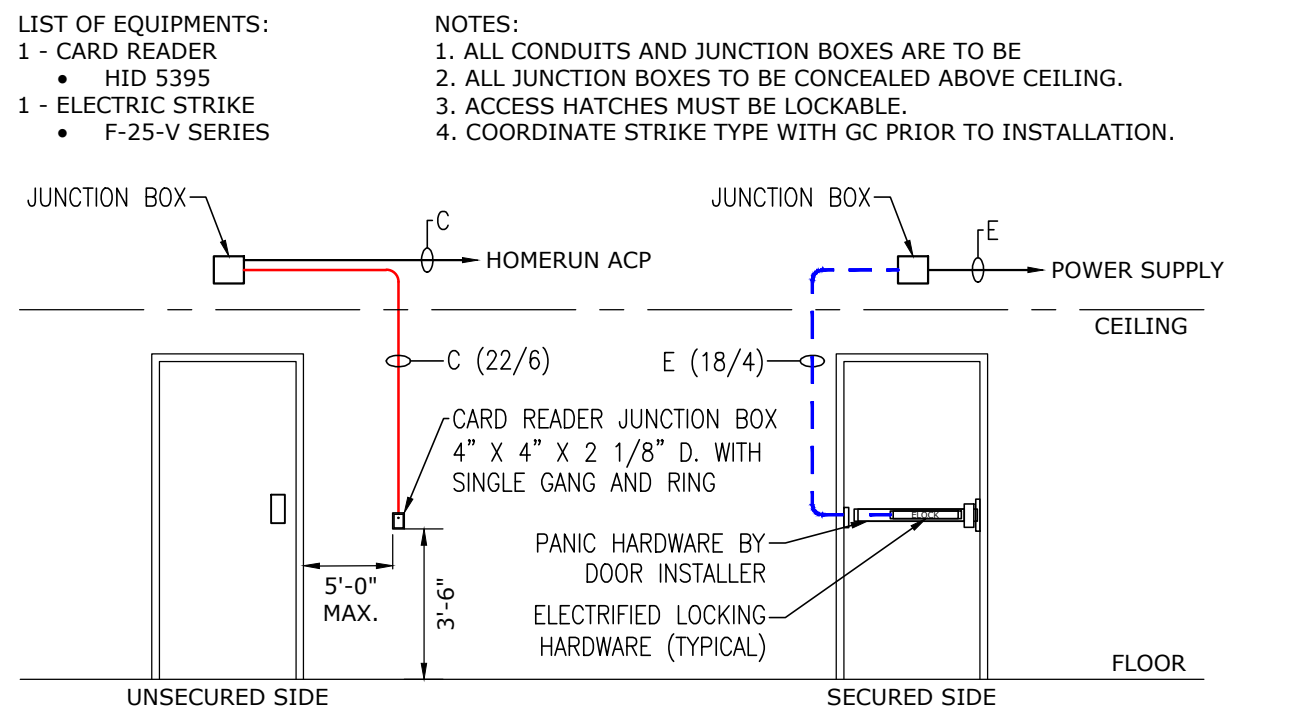
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE ELECTRIFIED XP98/XP99 EXIT DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY OPERATION OF THE EXIT DEVICE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



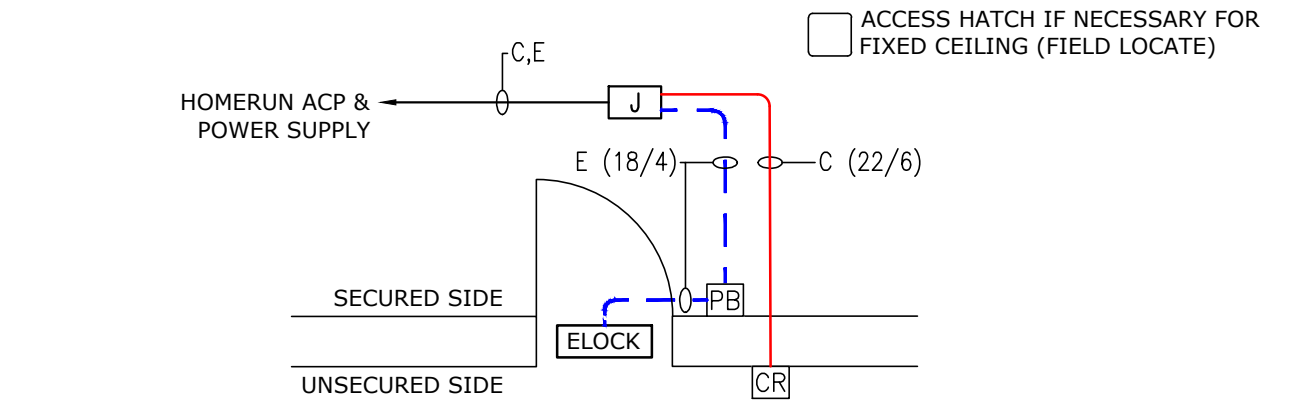
DOOR STRIKE - DOOR TYPE S6.1
PLAN VIEW



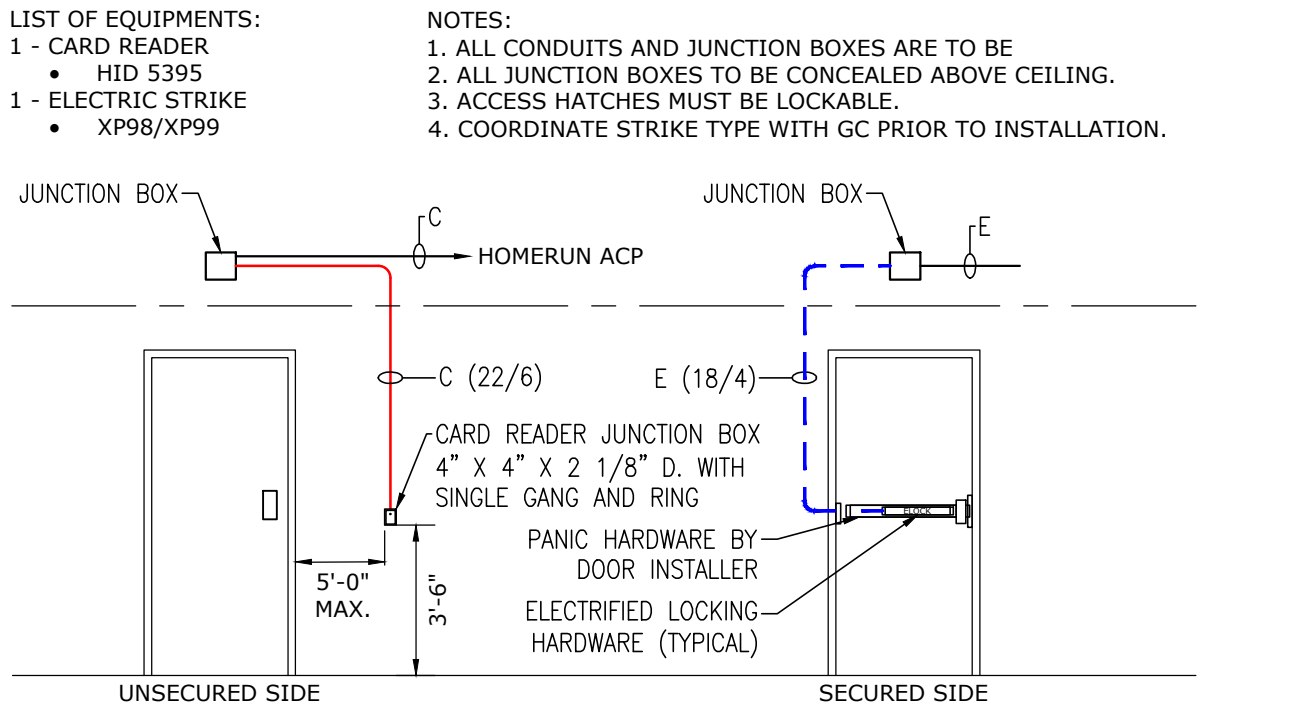
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE F-25-V SERIES LOCKING DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING DEVICE AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



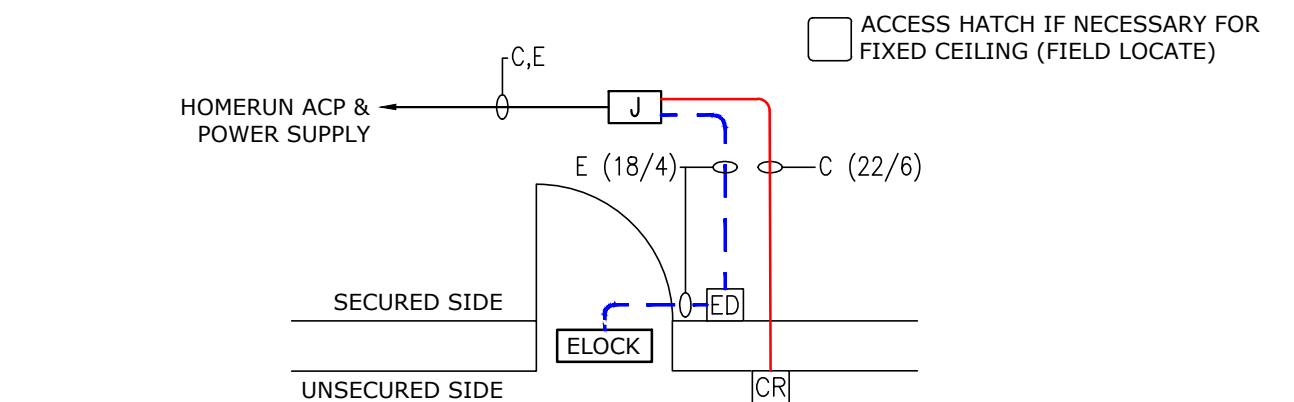
DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE S5.2
PLAN VIEW



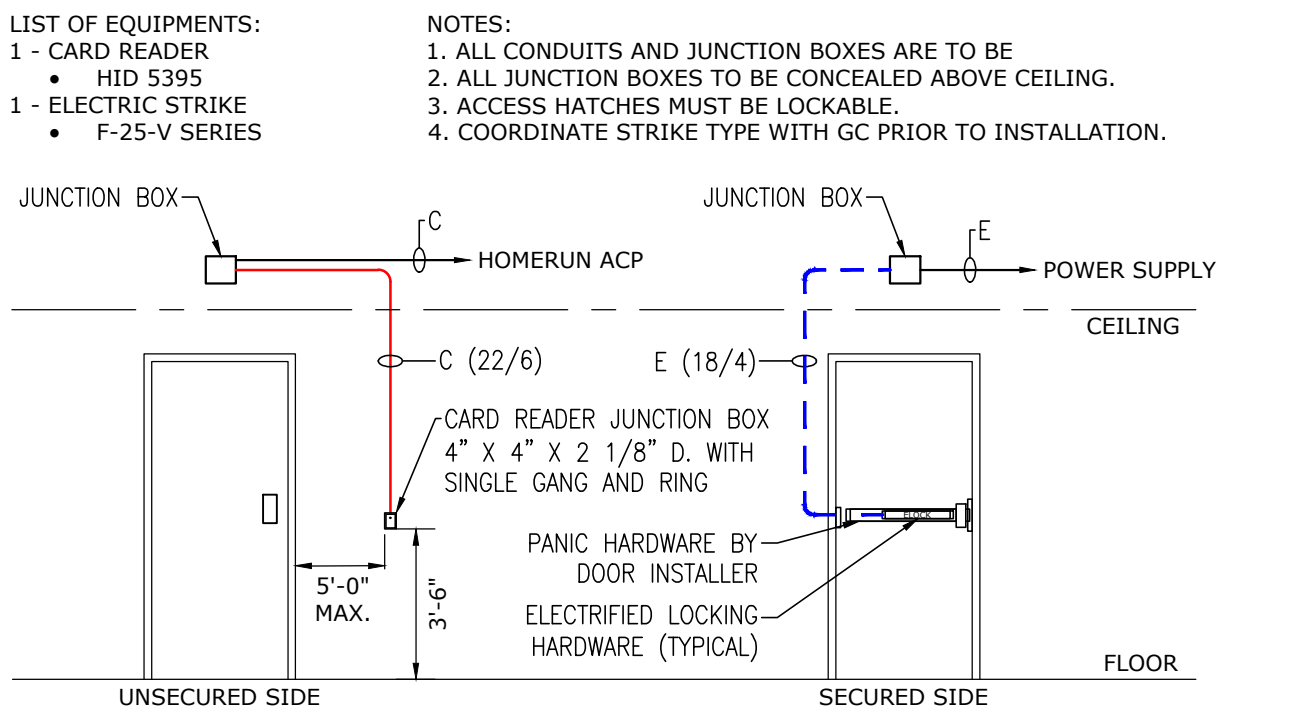
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE ELECTRIFIED XP98/XP99 EXIT DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY OPERATION OF THE EXIT DEVICE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



DOOR STRIKE - DOOR TYPE S6.2
PLAN VIEW



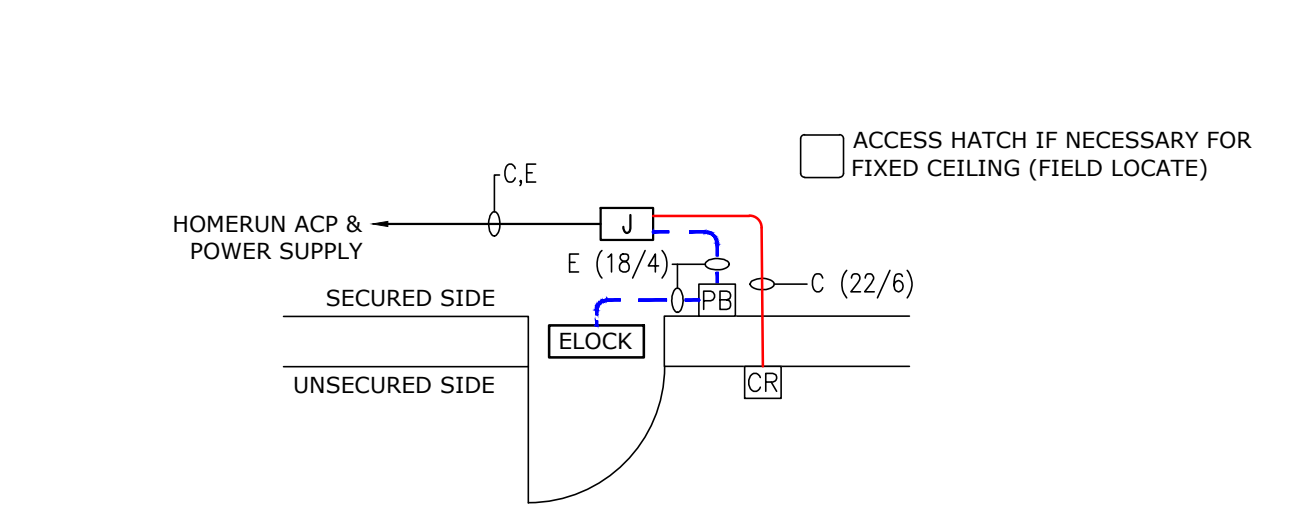
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

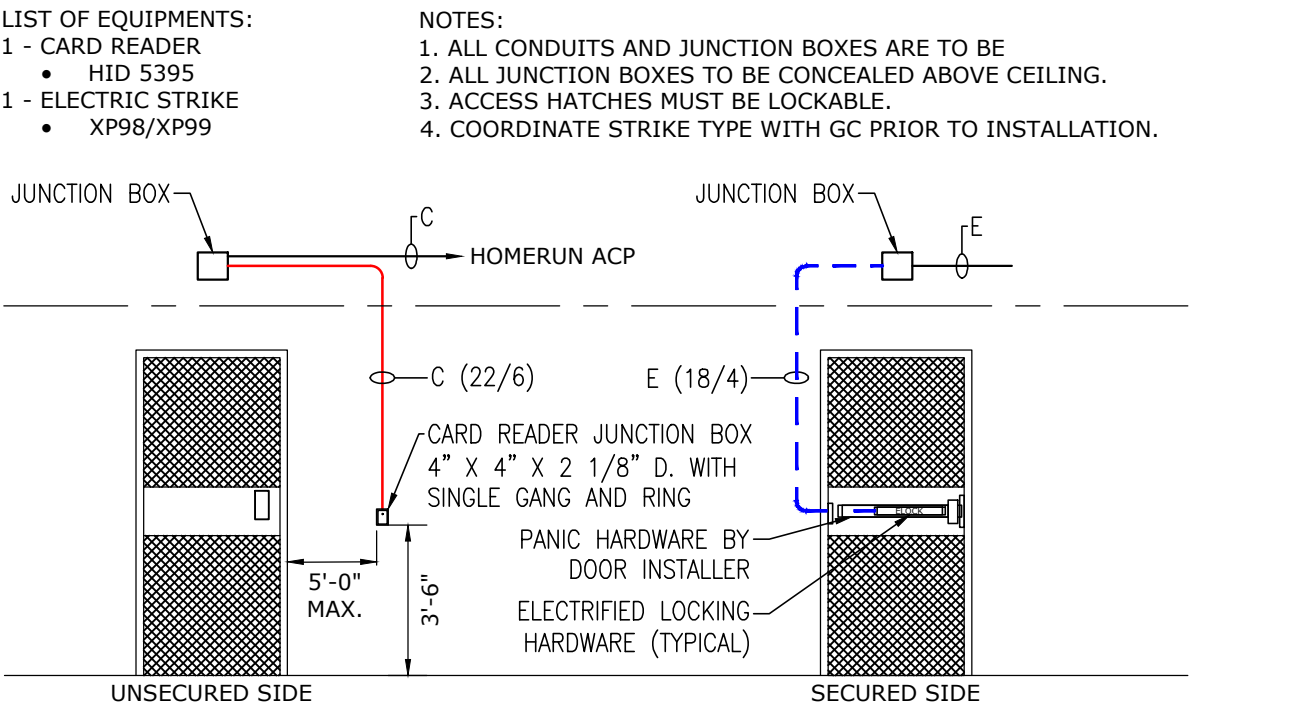
- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE F-25-V SERIES LOCKING DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING DEVICE AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

ACCESS CONTROL SYSTEM WIRE CODE CHART

LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



DOOR ELECTRIFIED LOCKING HARDWARE - GATE
PLAN VIEW



ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE ELECTRIFIED XP98/XP99 EXIT DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY OPERATION OF THE EXIT DEVICE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

DATE:

REVISION

DESCRIPTION

#

Date:

Scale:

Project:

AS NOTED

Contractor Name:

Contractor No:

Qualifier Name:

Address:

Fire Alarm Design Co.

PO BOX 3394

BURLINGTON, VT 05408

info@realalmsign.co

(802)734-8742

ACCESS CONTROL SYSTEM

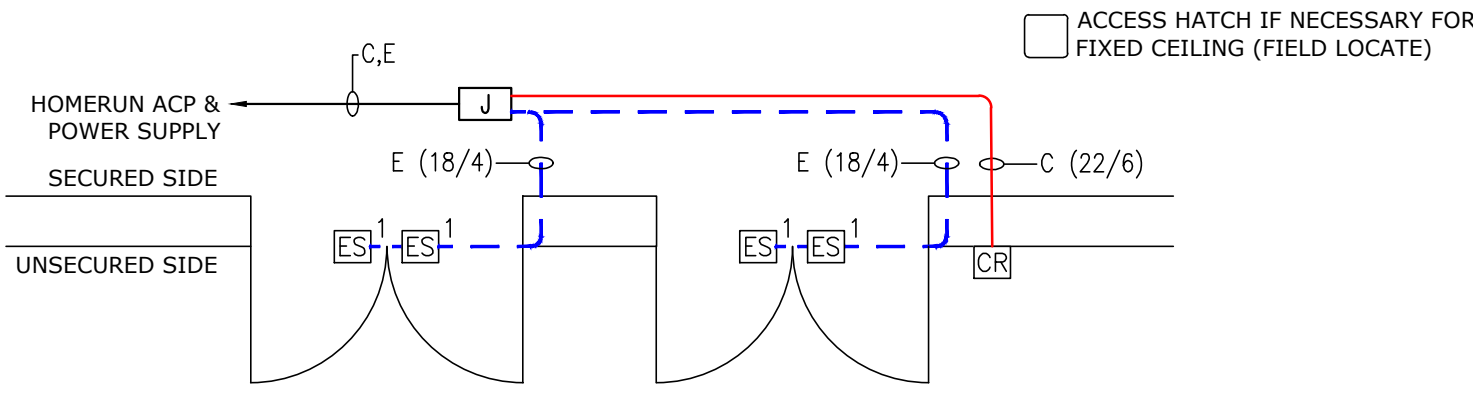
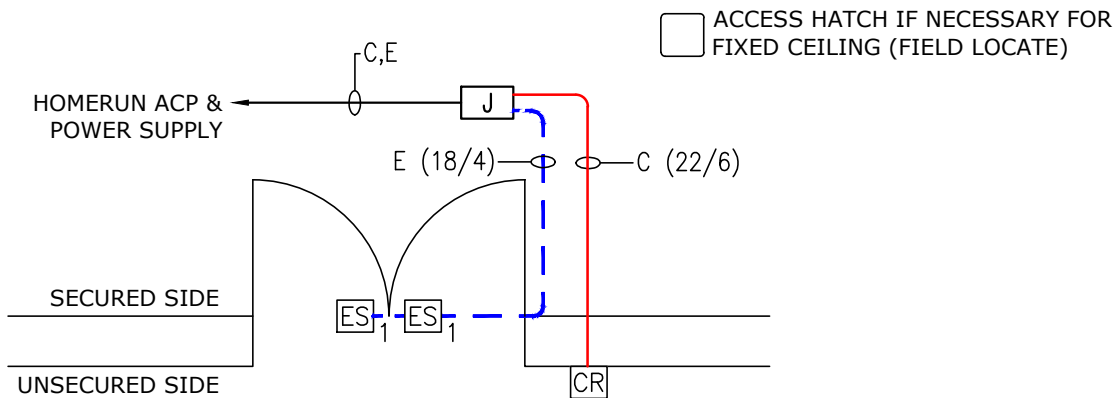
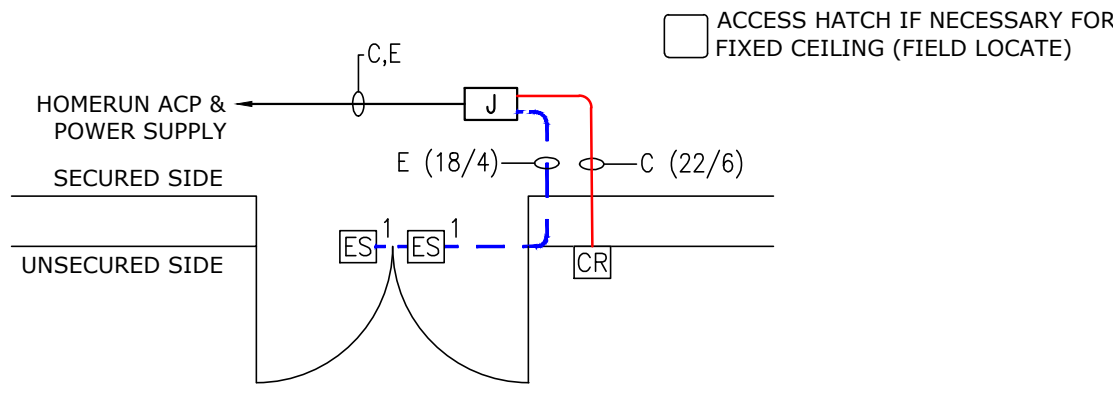
TYPICAL DOOR DETAILS 2 (SINGLE LEAF)

AC-08

TYPICAL DOOR DETAILS (DOUBLE LEAF)

ACCESS CONTROL SYSTEM WIRE CODE CHART

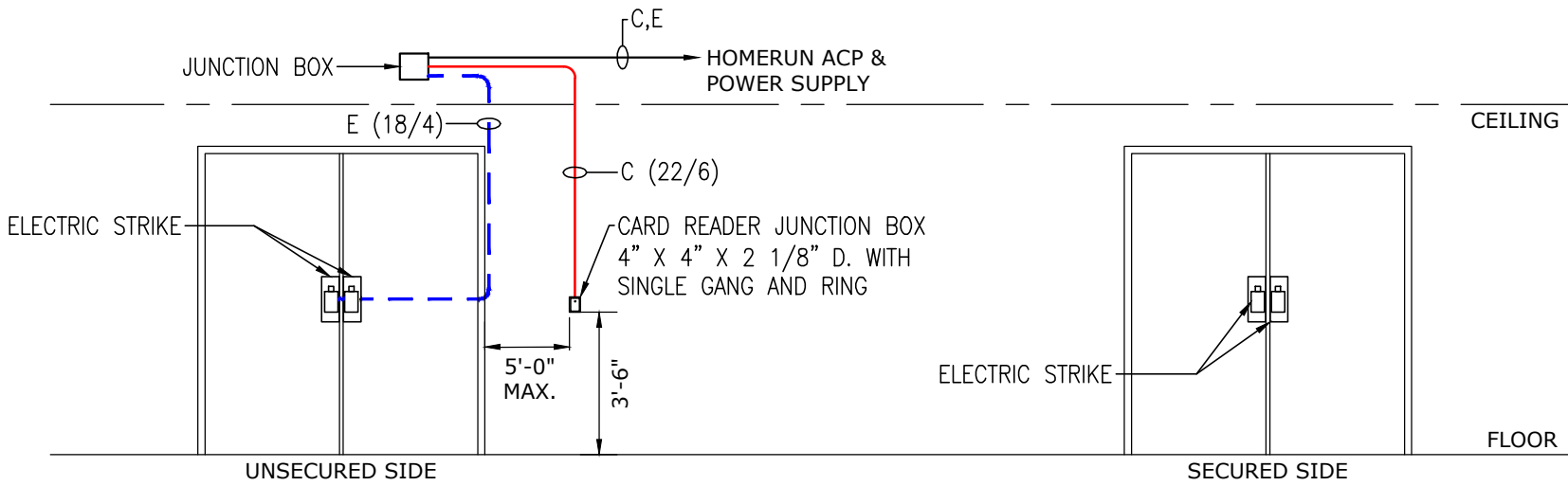
LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



DOOR STRIKE - DOOR TYPE D1.1
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 1600 SERIES

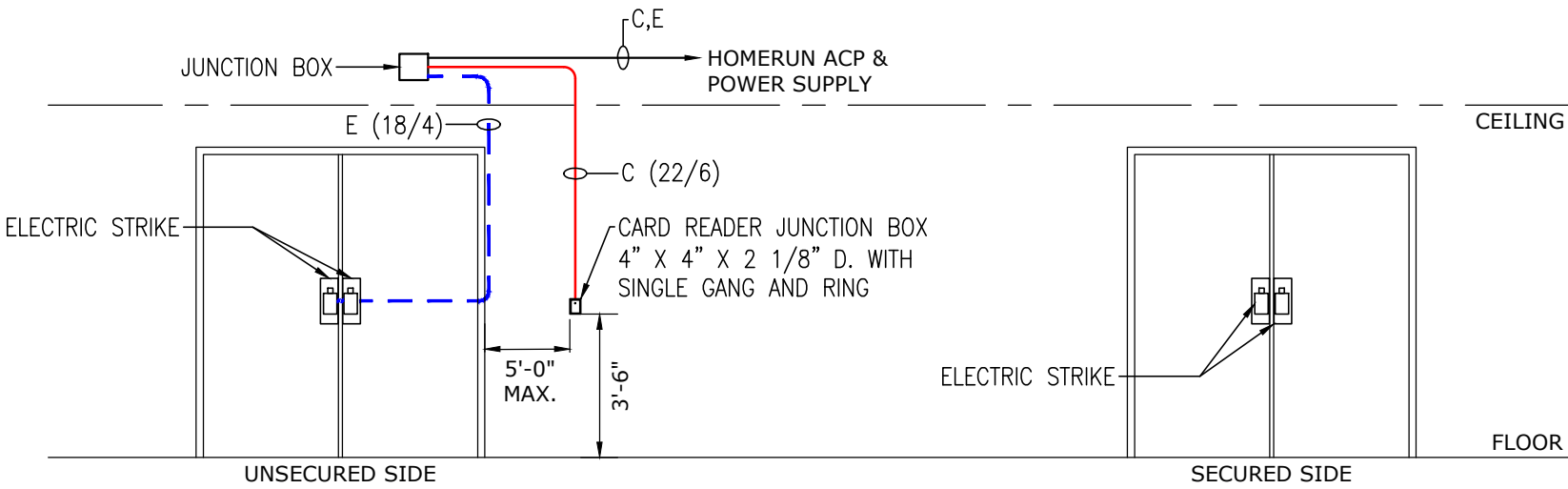
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



DOOR STRIKE - DOOR TYPE D1.2
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 1600 SERIES

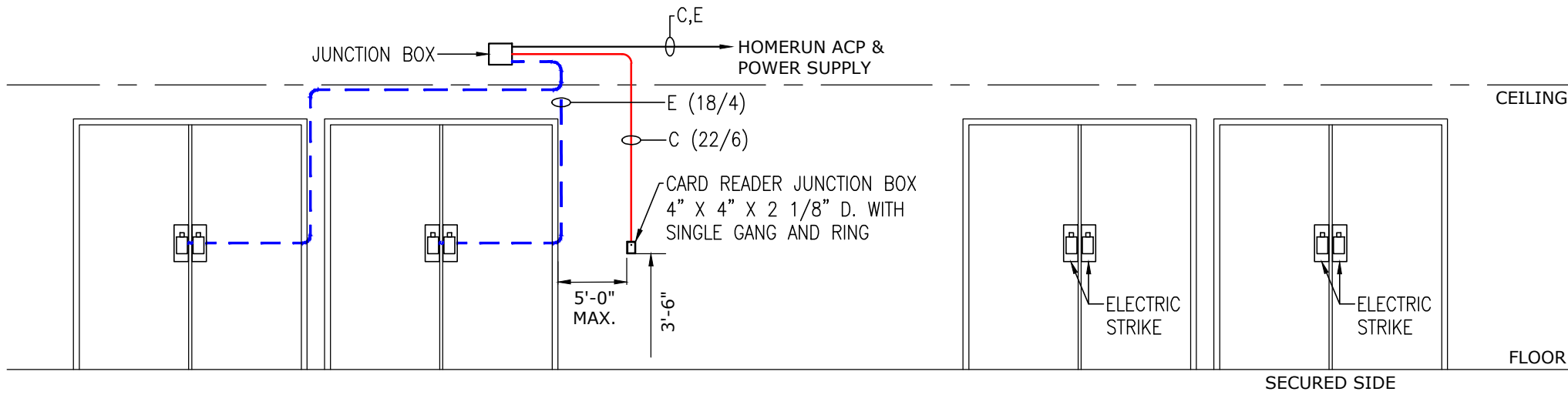
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



DOOR STRIKE - DOOR TYPE D1.3
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - HES 1600 SERIES

- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1600 SERIES ELECTRIC STRIKE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

ELEVATION VIEW

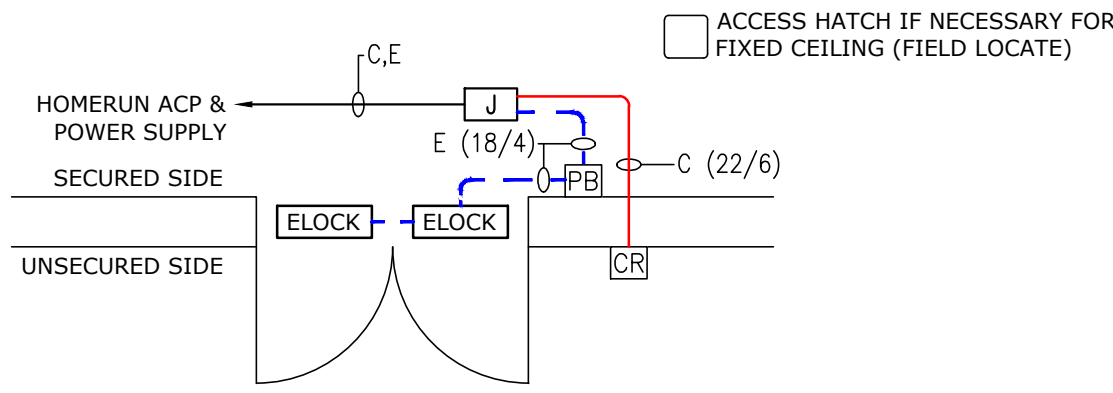
SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1600 SERIES ELECTRIC STRIKE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

ELEVATION VIEW

SEQUENCE OF OPERATIONS:

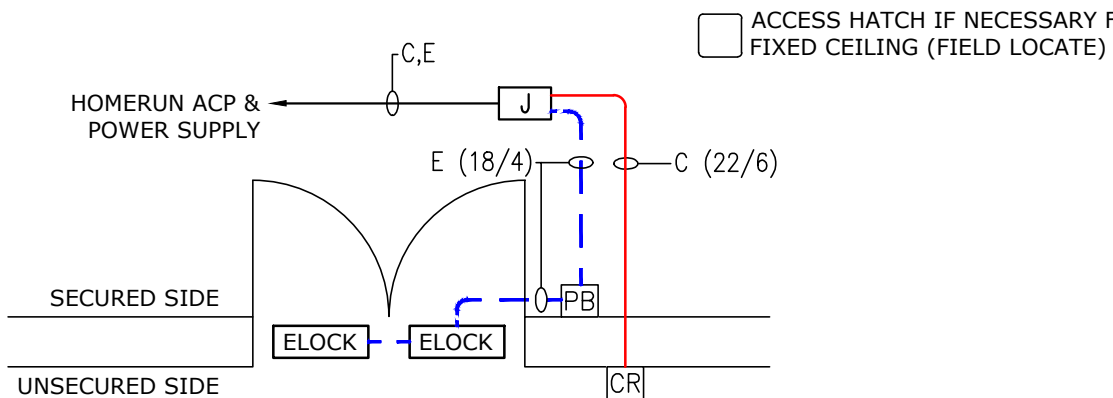
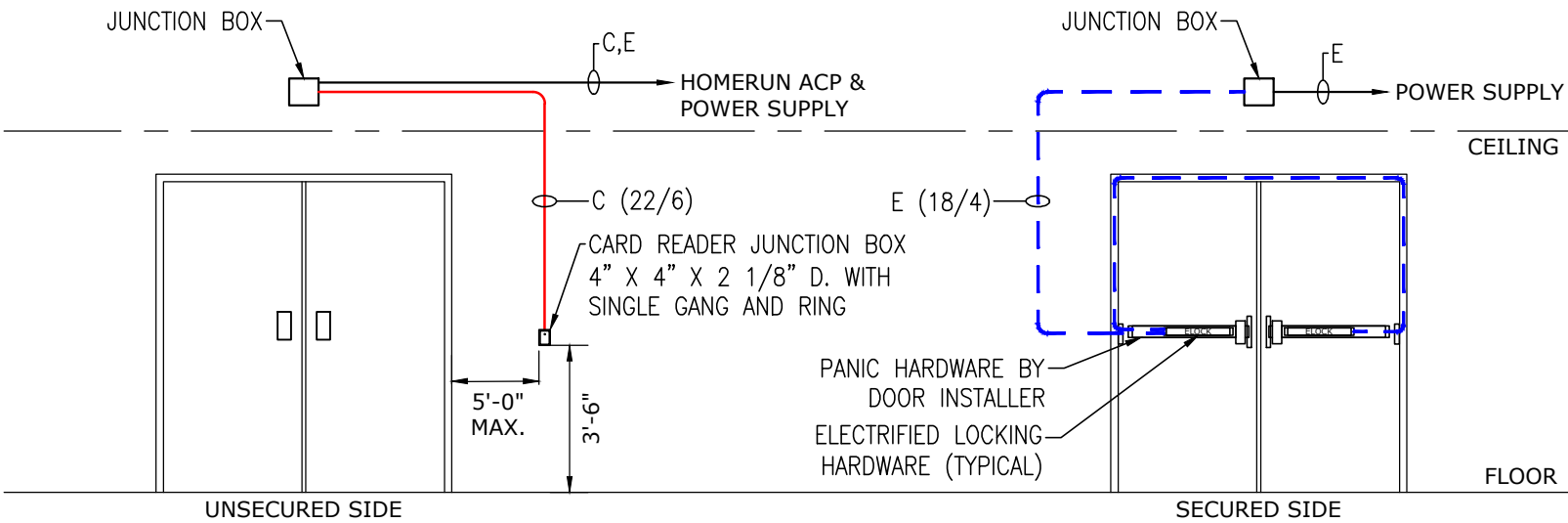
1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1600 SERIES ELECTRIC STRIKE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE D2.1
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - XP98/XP99

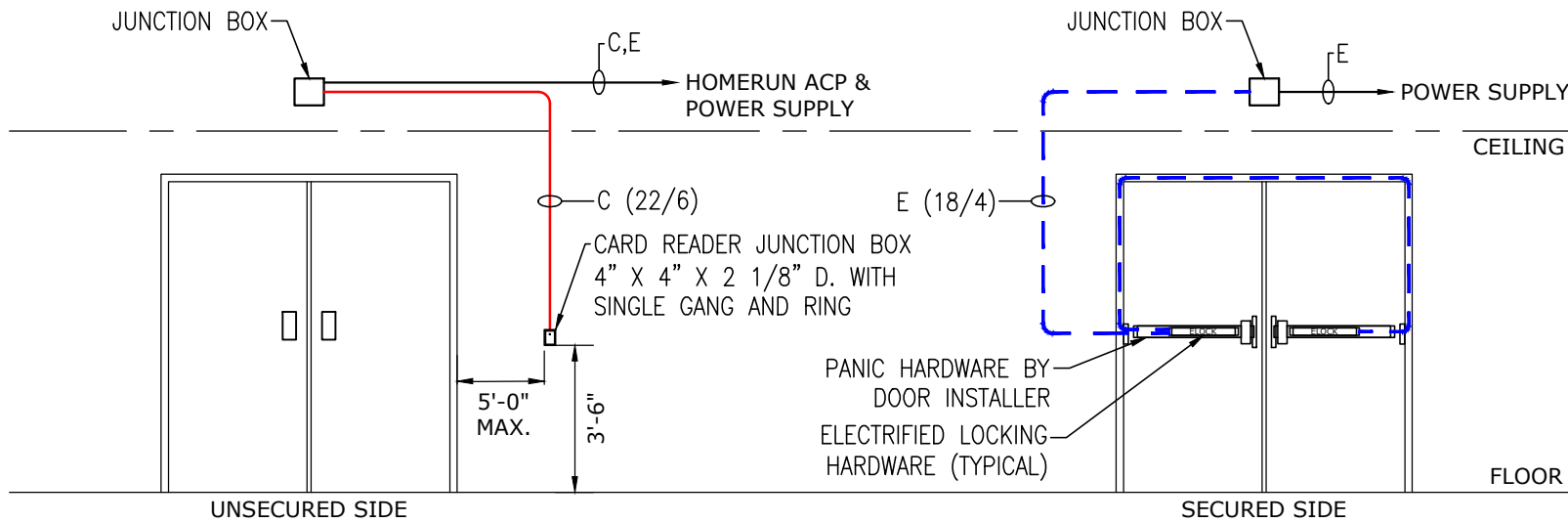
- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE D2.2
PLAN VIEW

- LIST OF EQUIPMENTS:
- 1 - CARD READER
 - HID 5395
 - 1 - ELECTRIC STRIKE
 - XP98/XP99

- NOTES:
1. ALL CONDUITS AND JUNCTION BOXES ARE TO BE
 2. ALL JUNCTION BOXES TO BE CONCEALED ABOVE CEILING.
 3. ACCESS HATCHES MUST BE LOCKABLE.
 4. COORDINATE STRIKE TYPE WITH GC PRIOR TO INSTALLATION.



ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE ELECTRIFIED XP98/XP99 EXIT DEVICE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
3. LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY OPERATION OF THE EXIT DEVICE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE ELECTRIFIED XP98/XP99 EXIT DEVICE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
3. LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY OPERATION OF THE EXIT DEVICE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

DATE:

REVISION

DESCRIPTION

#

Date:

Designed by:

CONTRACTOR NAME:

FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@realarmdesign.co
(802)734-8742

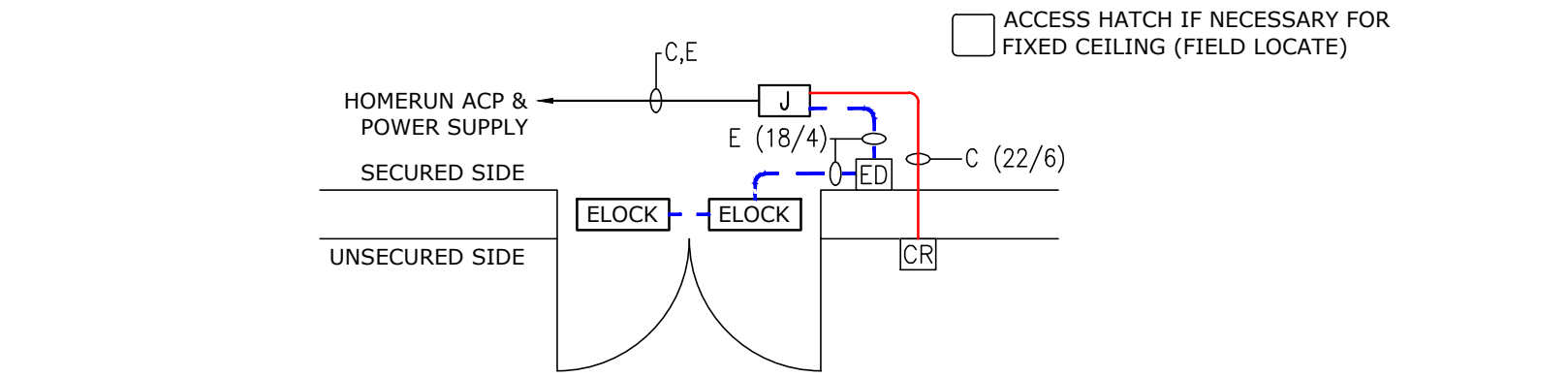
CONTRACTOR NO.:

ACCESS CONTROL SYSTEM
TYPICAL DOOR DETAILS 3 (DOUBLE LEAF)

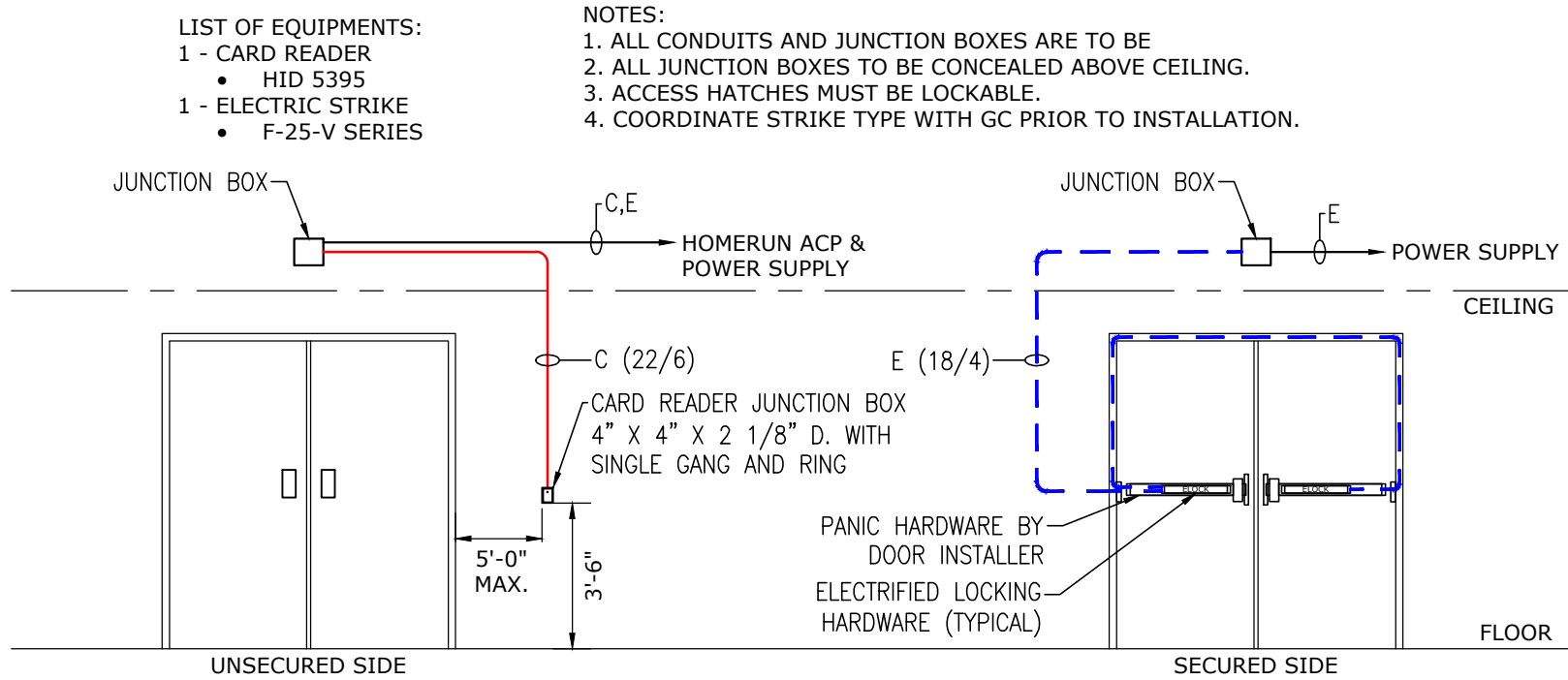
AC-09

TYPICAL DOOR DETAILS (DOUBLE LEAF)

ACCESS CONTROL SYSTEM WIRE CODE CHART		
LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



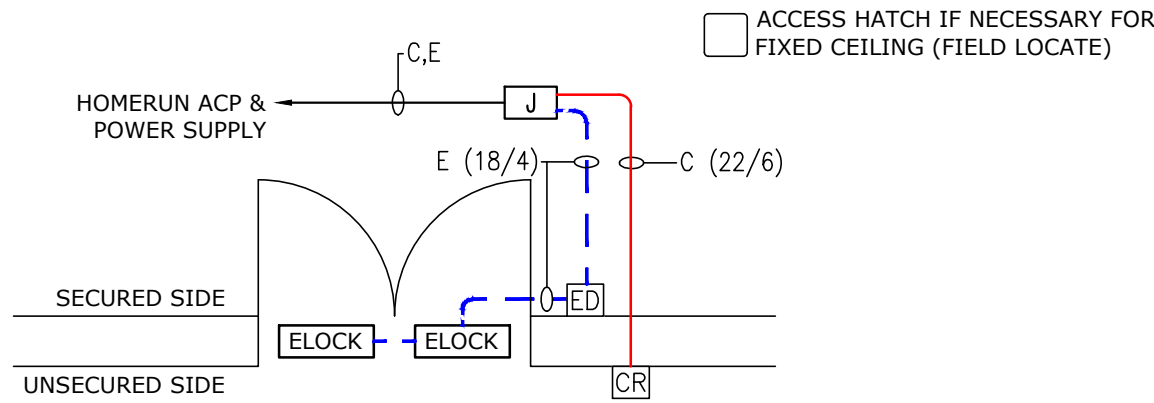
DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE D3.1
PLAN VIEW



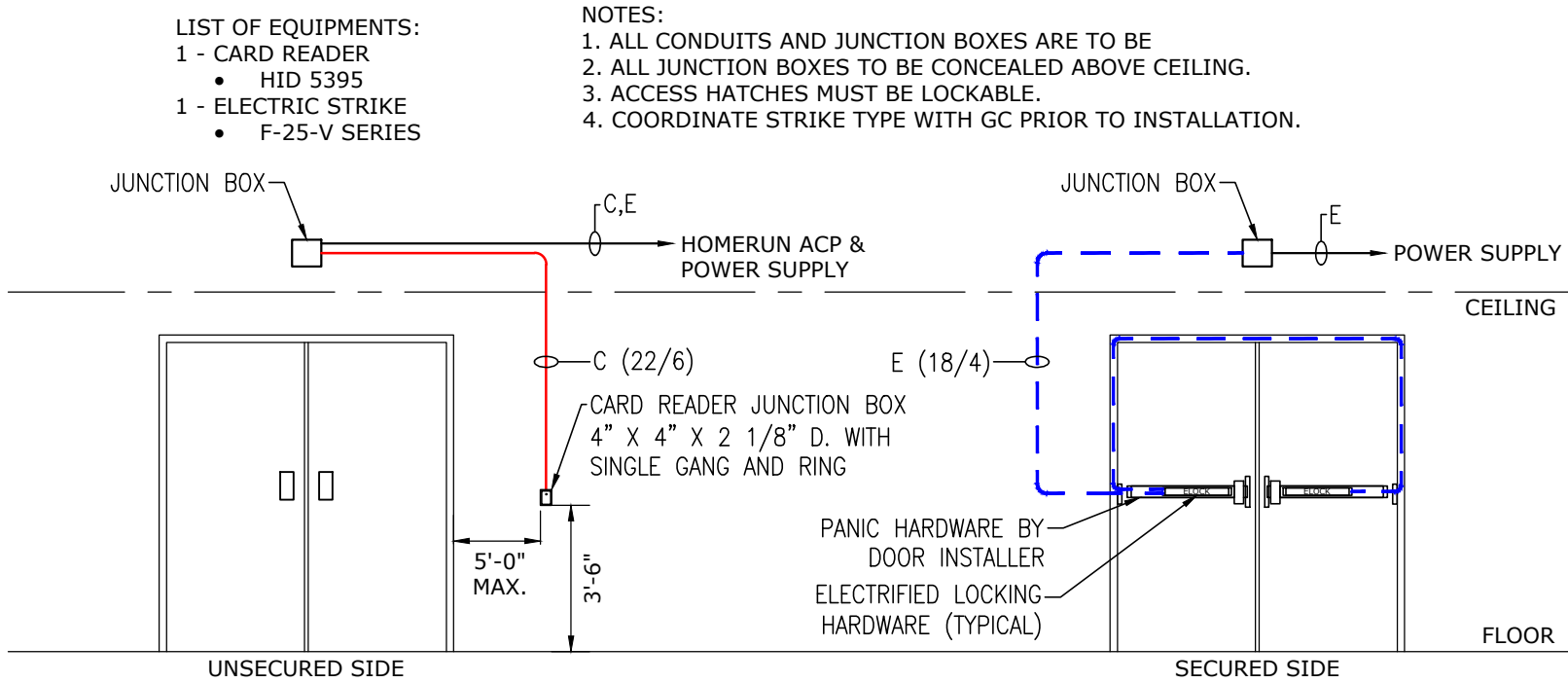
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE F-25-V SERIES LOCKING DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING DEVICE AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



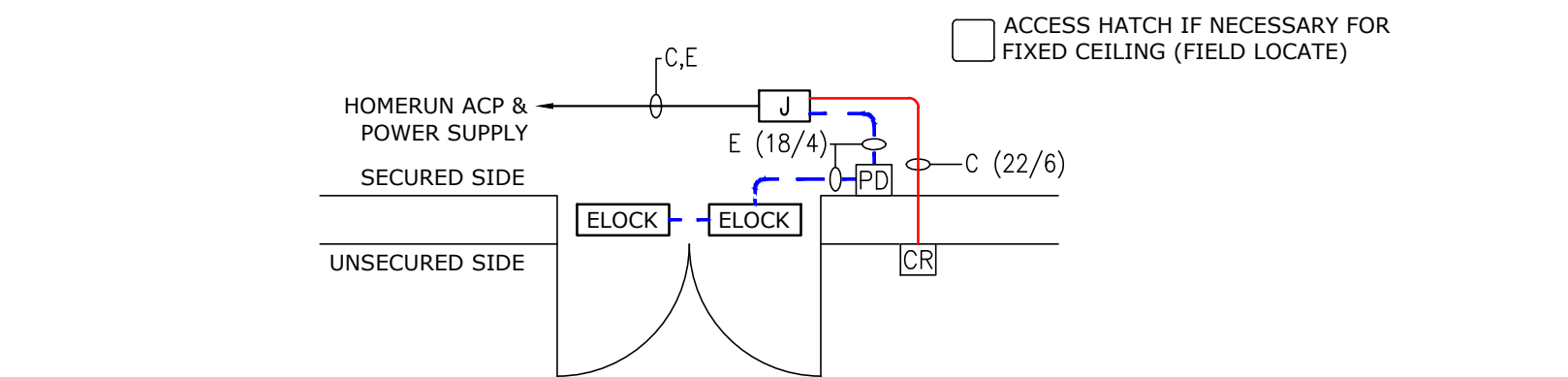
DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE D3.2
PLAN VIEW



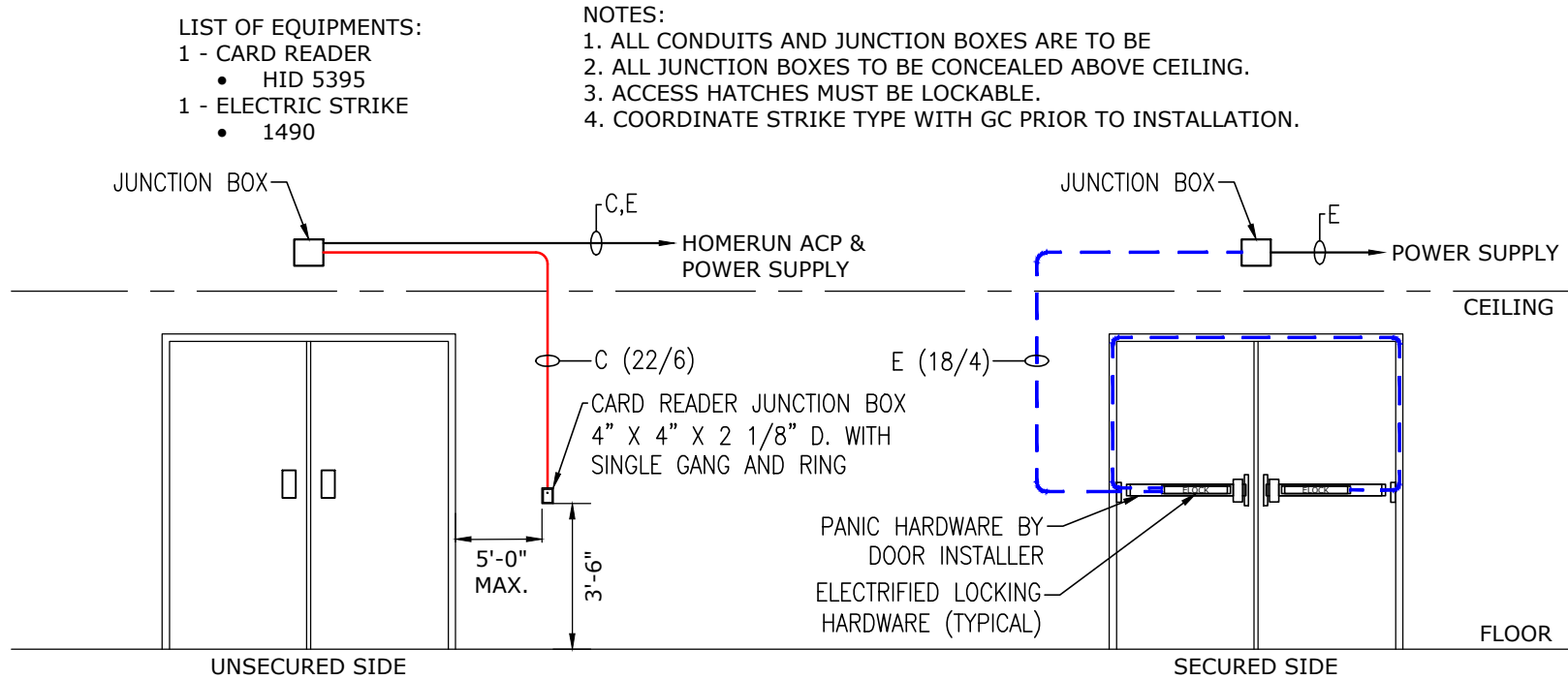
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE F-25-V SERIES LOCKING DEVICE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING DEVICE AND ALLOW ENTRY.
- LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



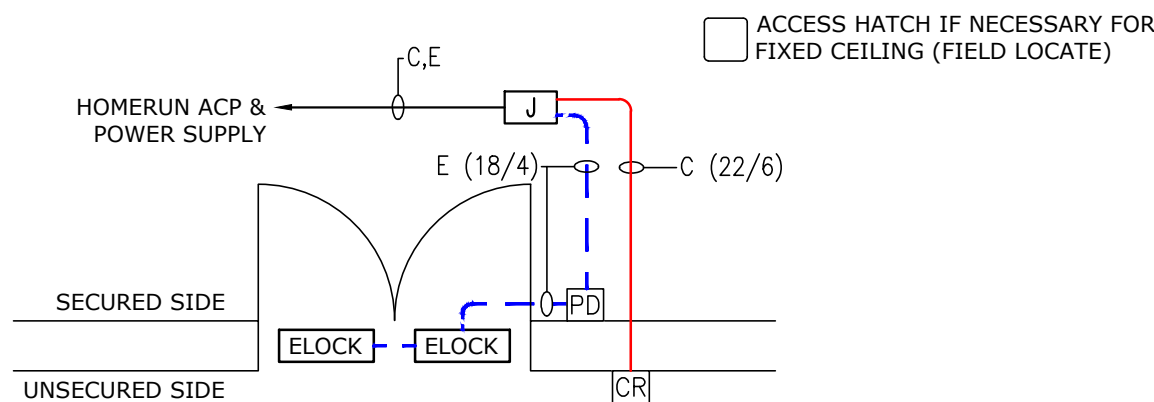
DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE D4.1
PLAN VIEW



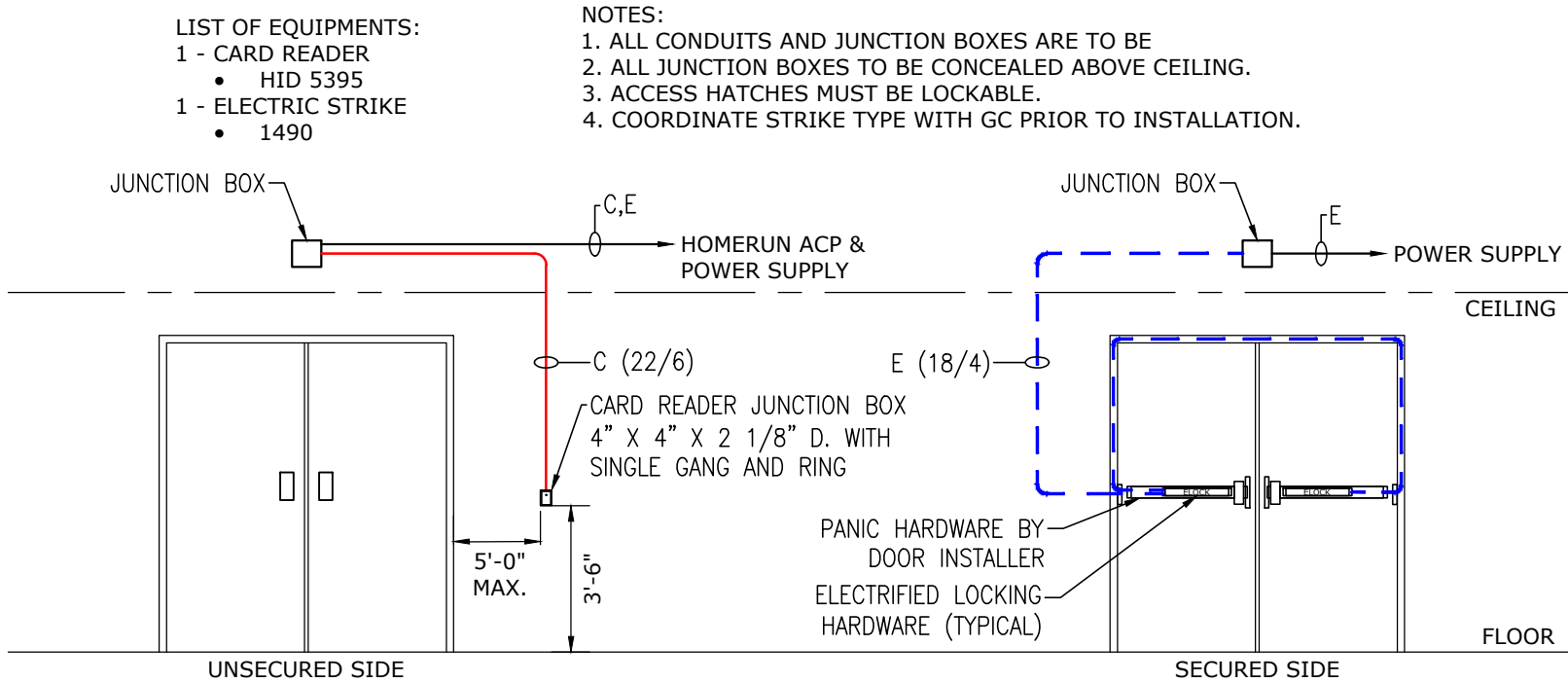
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1490 SERIES ELECTRIC STRIKE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
- ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



DOOR ELECTRIFIED LOCKING HARDWARE - DOOR TYPE D4.2
PLAN VIEW



ELEVATION VIEW

SEQUENCE OF OPERATIONS:

- DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 1490 SERIES ELECTRIC STRIKE.
- PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
- ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
- FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

REVISION	DATE:
	DESCRIPTION
#	

Date:	Scale:	AS NOTED
Designed by:	Drawn by:	Project:

CONTRACTOR NAME:	CONTRACTOR NO.:
QUALIFIER NAME:	ADDRESS:

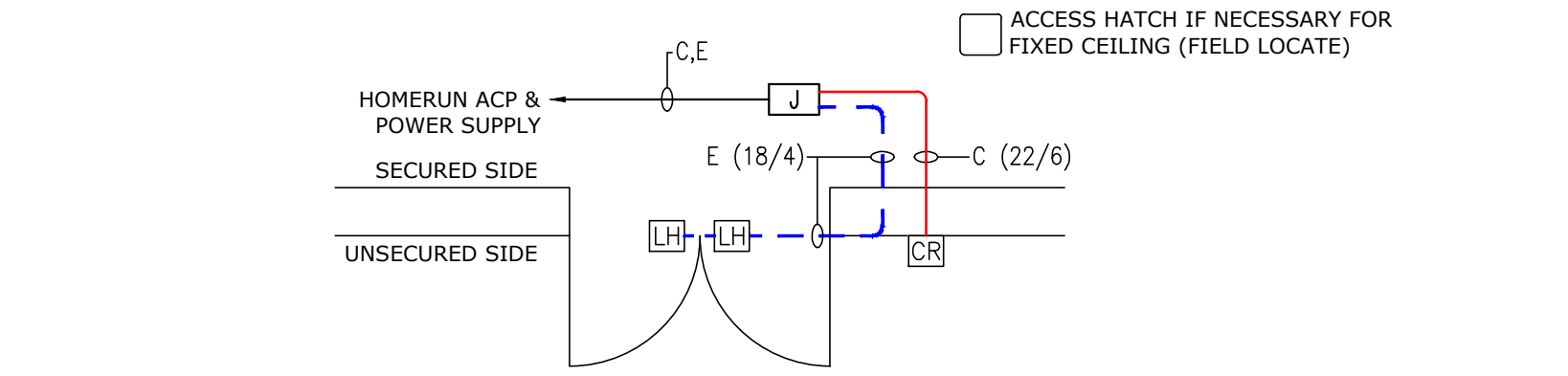
FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@realarmdesign.co
(802)734-8742



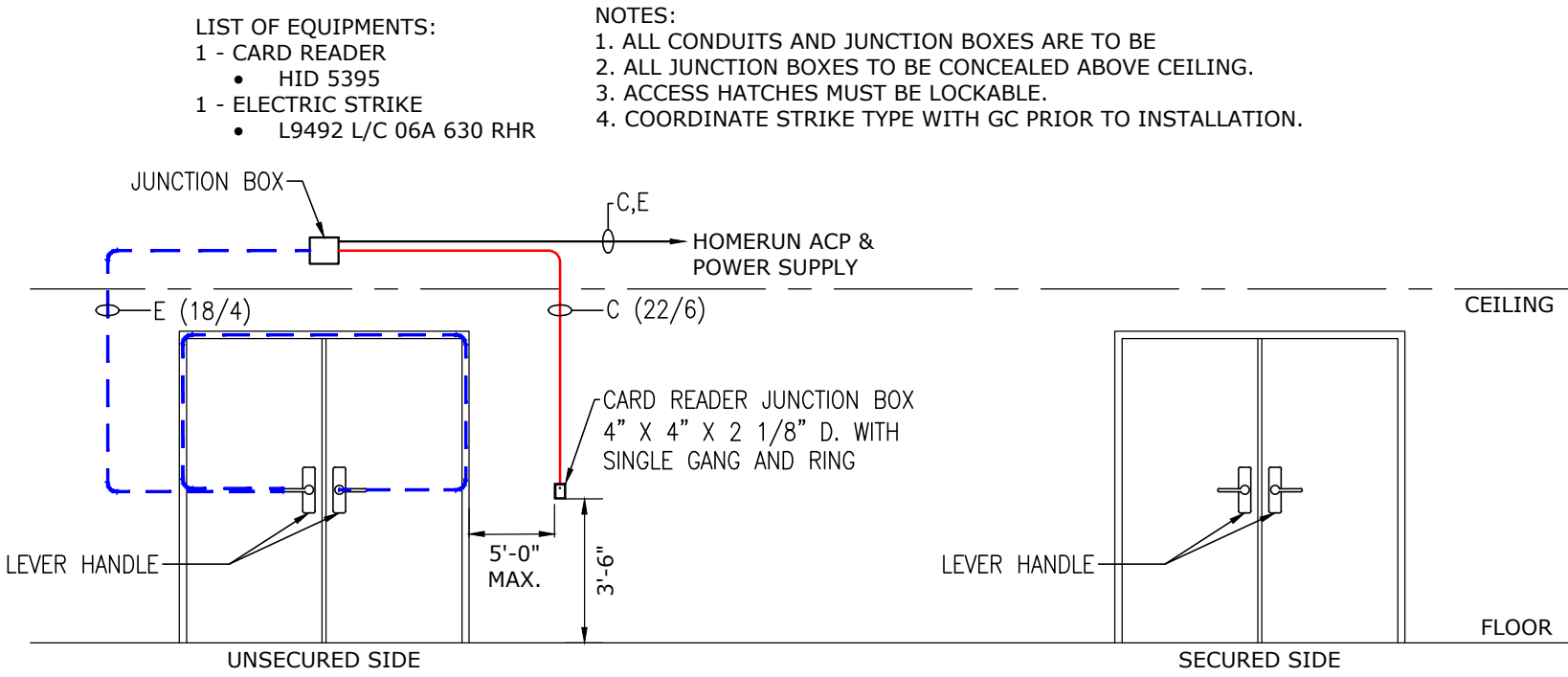
ACCESS CONTROL SYSTEM
TYPICAL DOOR DETAILS 4 (DOUBLE LEAF)

TYPICAL DOOR DETAILS (DOUBLE LEAF)

ACCESS CONTROL SYSTEM WIRE CODE CHART		
LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



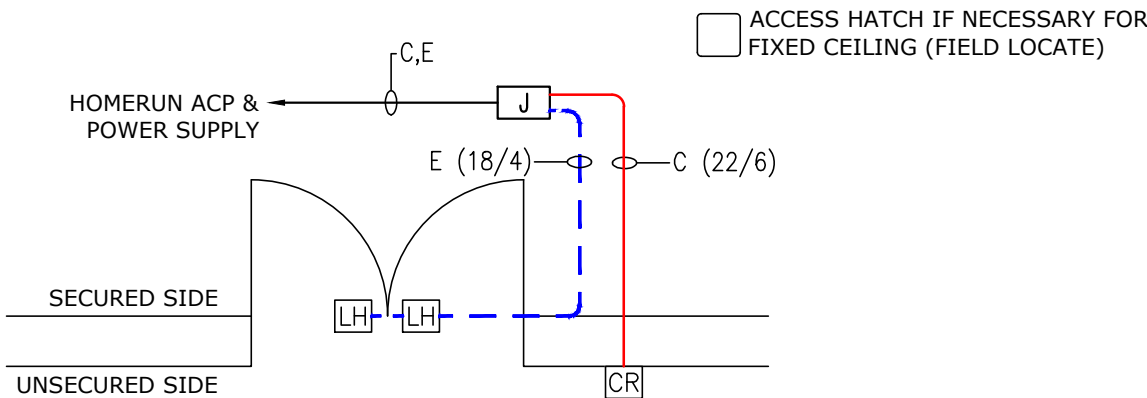
DOOR LEVER HANDLE - DOOR TYPE D5.1
PLAN VIEW



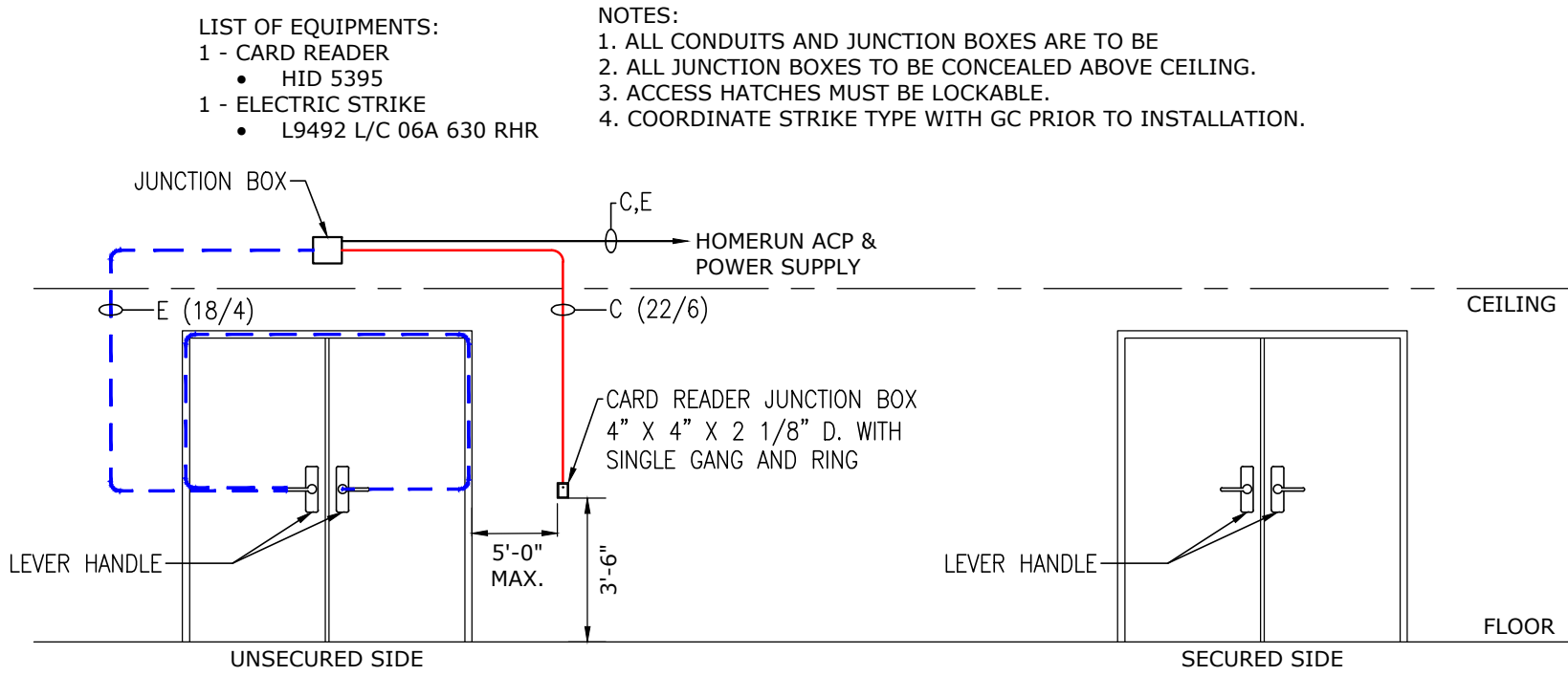
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE SCHLAGE L9492 LOCKSET.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
3. LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



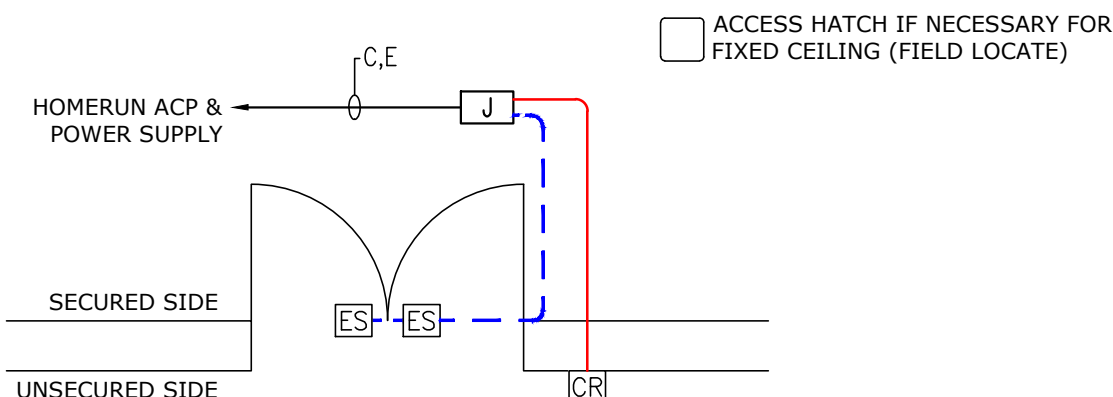
DOOR LEVER HANDLE - DOOR TYPE D5.2
PLAN VIEW



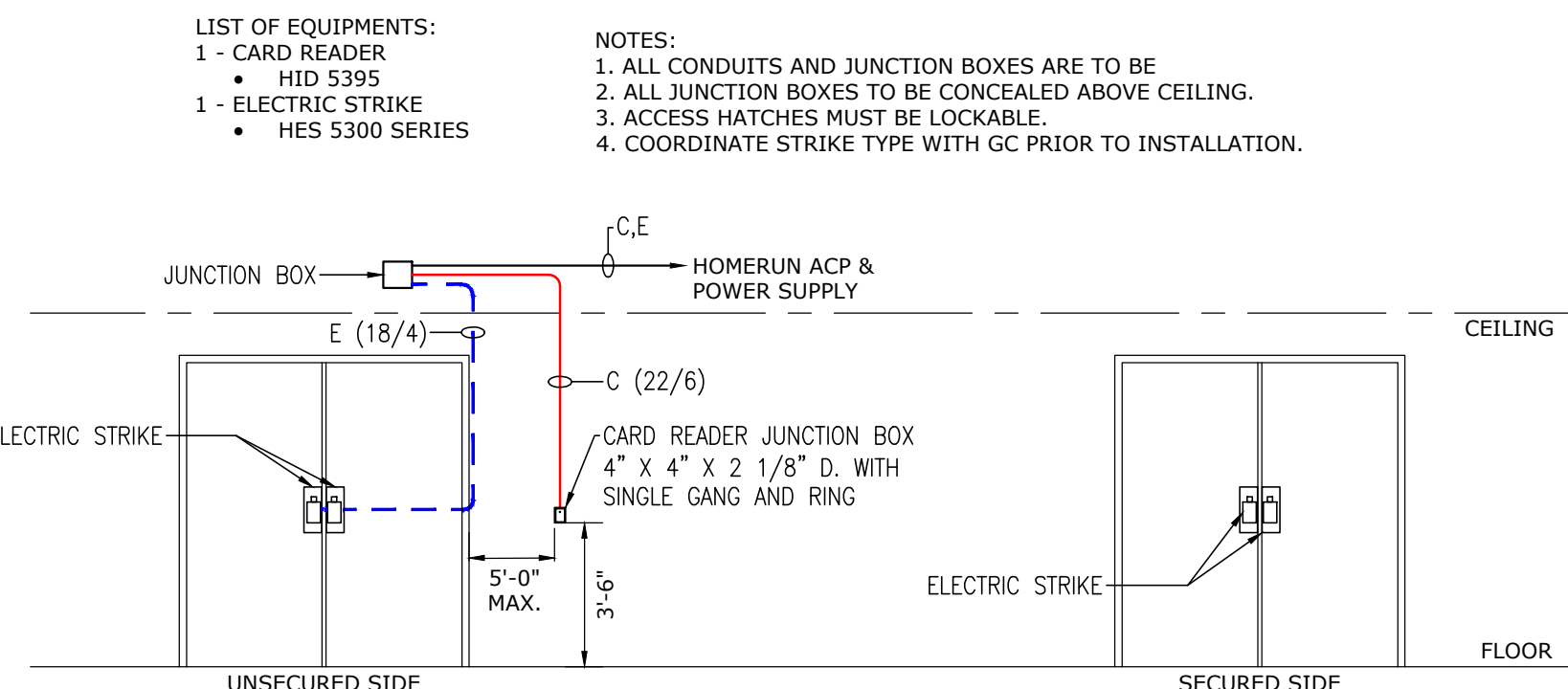
ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE SCHLAGE L9492 LOCKSET.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE LOCKING MECHANISM AND ALLOW ENTRY.
3. LOCKING DEVICE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. LOCKING HARDWARE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.



DOOR STRIKE - DOOR TYPE D6.1
PLAN VIEW

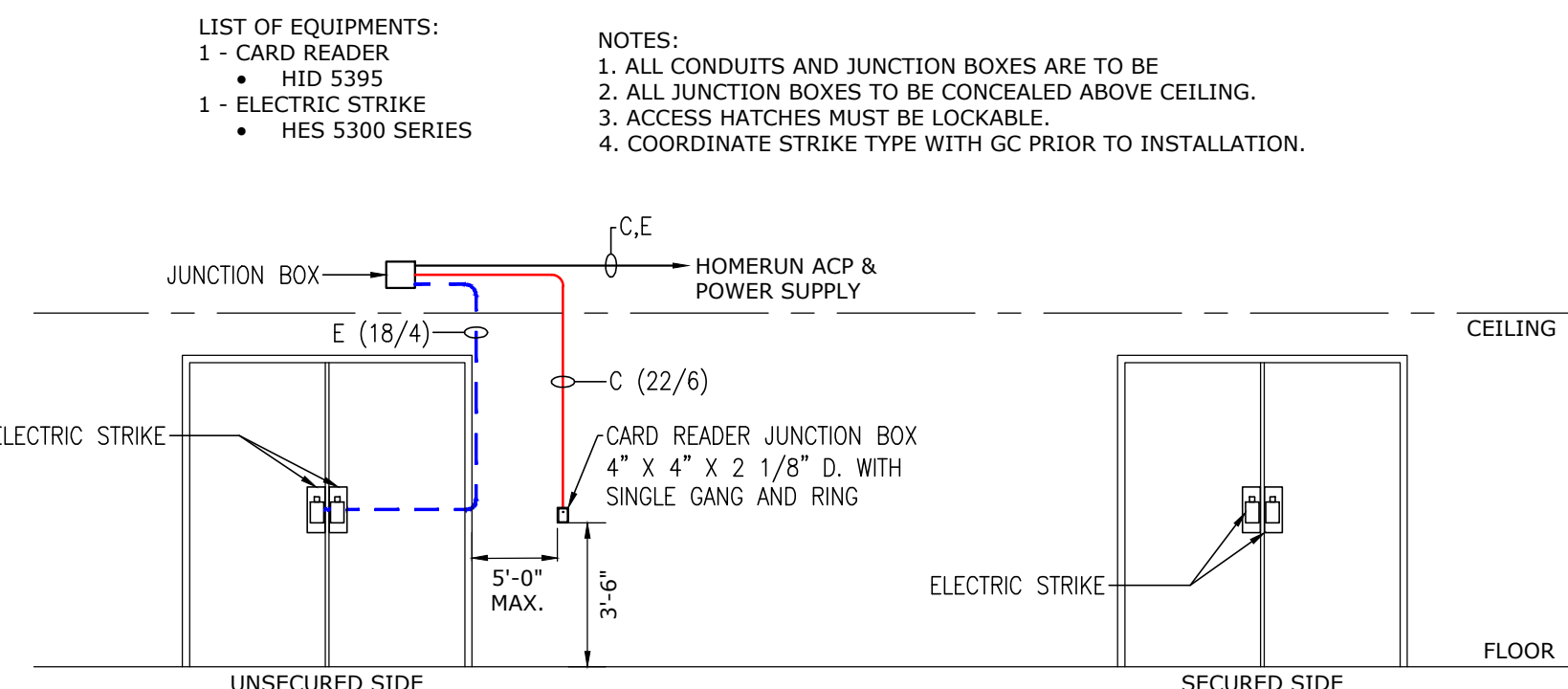


ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 5300 SERIES ELECTRIC STRIKE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

DOOR STRIKE - DOOR TYPE D6.2
PLAN VIEW



ELEVATION VIEW

SEQUENCE OF OPERATIONS:

1. DOOR SHALL REMAIN LOCKED UNDER NORMAL CONDITIONS BY THE HES 5300 SERIES ELECTRIC STRIKE.
2. PRESENTATION OF A VALID CREDENTIAL AT THE HID 5395 CARD READER SHALL RELEASE THE ELECTRIC STRIKE AND ALLOW ENTRY.
3. ELECTRIC STRIKE SHALL RELOCK AFTER THE PROGRAMMED TIME DELAY EXPIRES.
4. FREE EGRESS SHALL BE PROVIDED AT ALL TIMES BY MECHANICAL OPERATION OF THE DOOR HARDWARE FROM THE EGRESS SIDE WITHOUT THE USE OF A CREDENTIAL, KEY, SPECIAL KNOWLEDGE, OR EFFORT.
5. ELECTRIC STRIKE OPERATION SHALL COMPLY WITH NFPA 70, NFPA 101, NFPA 72, FLORIDA FIRE PREVENTION CODE, FLORIDA BUILDING CODE, AND APPLICABLE MIAMI-DADE COUNTY REQUIREMENTS.

DATE:

REVISION

DESCRIPTION

#

Date:

Designed by:

Scale:

AS NOTED

Project:

CONTRACTOR NAME:

CONTRACTOR NO.:

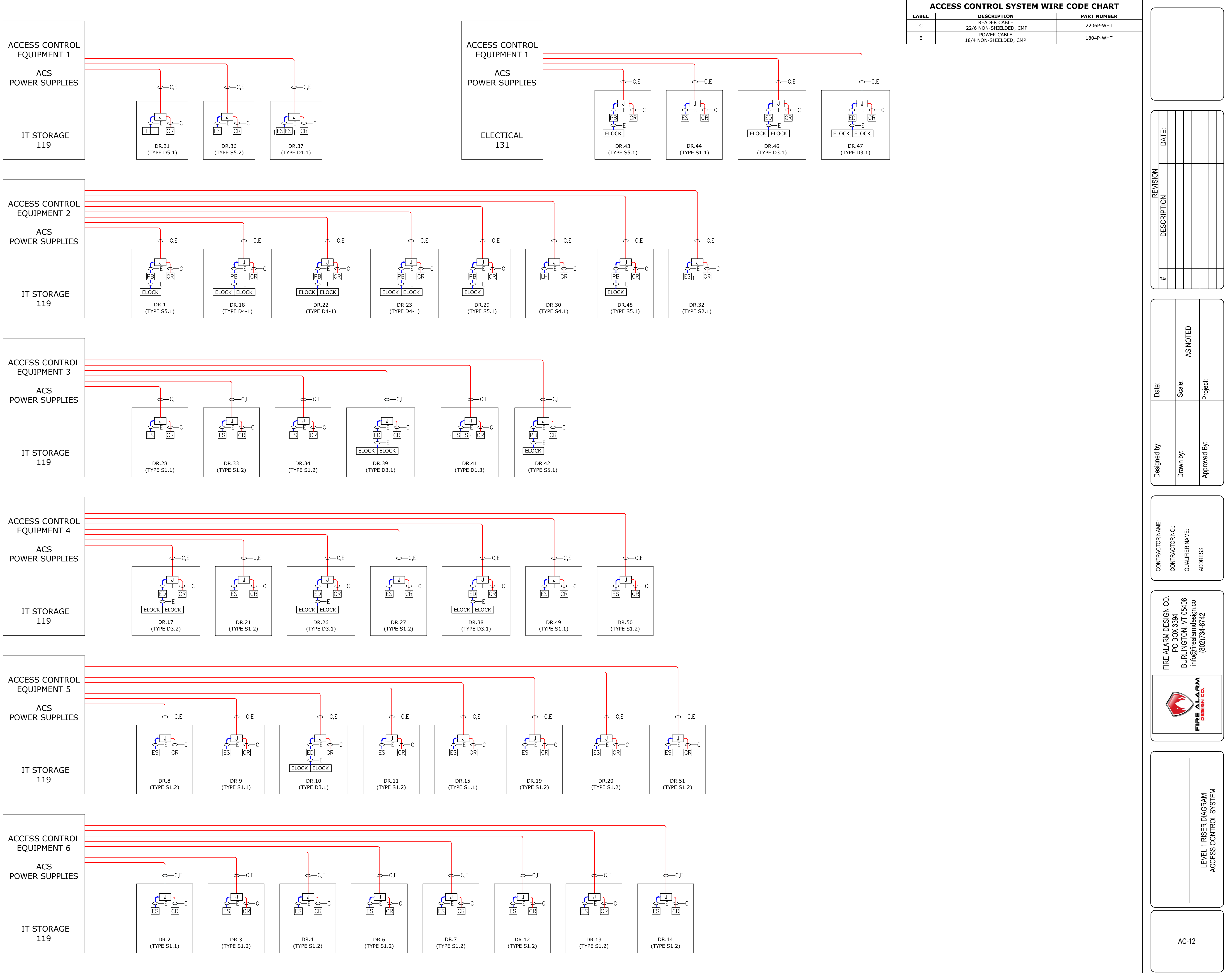
QUALIFIER NAME:

ADDRESS:

FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@firealarmdesign.co
(802)734-8742



ACCESS CONTROL SYSTEM
TYPICAL DOOR DETAILS 5 (DOUBLE LEAF)



ACCESS CONTROL EQUIPMENT 2

ACS POWER SUPPLIES

IT STORAGE 119

DR.1
(TYPE S5.1)

DR.18
(TYPE D4-1)

DR.22
(TYPE D4-1)

DR.23
(TYPE D4-1)

DR.29
(TYPE S5.1)

DR.30
(TYPE S4.1)

DR.48
(TYPE S5.1)

DR.32
(TYPE S2.1)

ACCESS CONTROL EQUIPMENT 3

ACS POWER SUPPLIES

IT STORAGE 119

DR.28
(TYPE S1.1)

DR.33
(TYPE S1.2)

DR.34
(TYPE S1.2)

DR.39
(TYPE D3.1)

DR.41
(TYPE D1.3)

DR.42
(TYPE S5.1)

ACCESS CONTROL EQUIPMENT 4

ACS POWER SUPPLIES

IT STORAGE 119

DR.17
(TYPE D3.2)

DR.21
(TYPE S1.2)

DR.26
(TYPE D3.1)

DR.27
(TYPE S1.2)

DR.38
(TYPE D3.1)

DR.49
(TYPE S1.1)

DR.50
(TYPE S1.2)

ACCESS CONTROL EQUIPMENT 5

ACS POWER SUPPLIES

IT STORAGE 119

DR.8
(TYPE S1.2)

DR.9
(TYPE S1.1)

DR.10
(TYPE D3.1)

DR.11
(TYPE S1.2)

DR.15
(TYPE S1.1)

DR.19
(TYPE S1.2)

DR.20
(TYPE S1.2)

DR.51
(TYPE S1.2)

ACCESS CONTROL EQUIPMENT 6

ACS POWER SUPPLIES

IT STORAGE 119

DR.2
(TYPE S1.1)

DR.3
(TYPE S1.2)

DR.4
(TYPE S1.2)

DR.6
(TYPE S1.2)

DR.7
(TYPE S1.2)

DR.12
(TYPE S1.2)

DR.13
(TYPE S1.2)

DR.14
(TYPE S1.2)

ACCESS CONTROL SYSTEM WIRE CODE CHART

LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT

#	REVISION	DESCRIPTION	DATE

Designed by:	Date:	AS NOTED
Drawn by:	Scale:	
Approved By:	Project:	

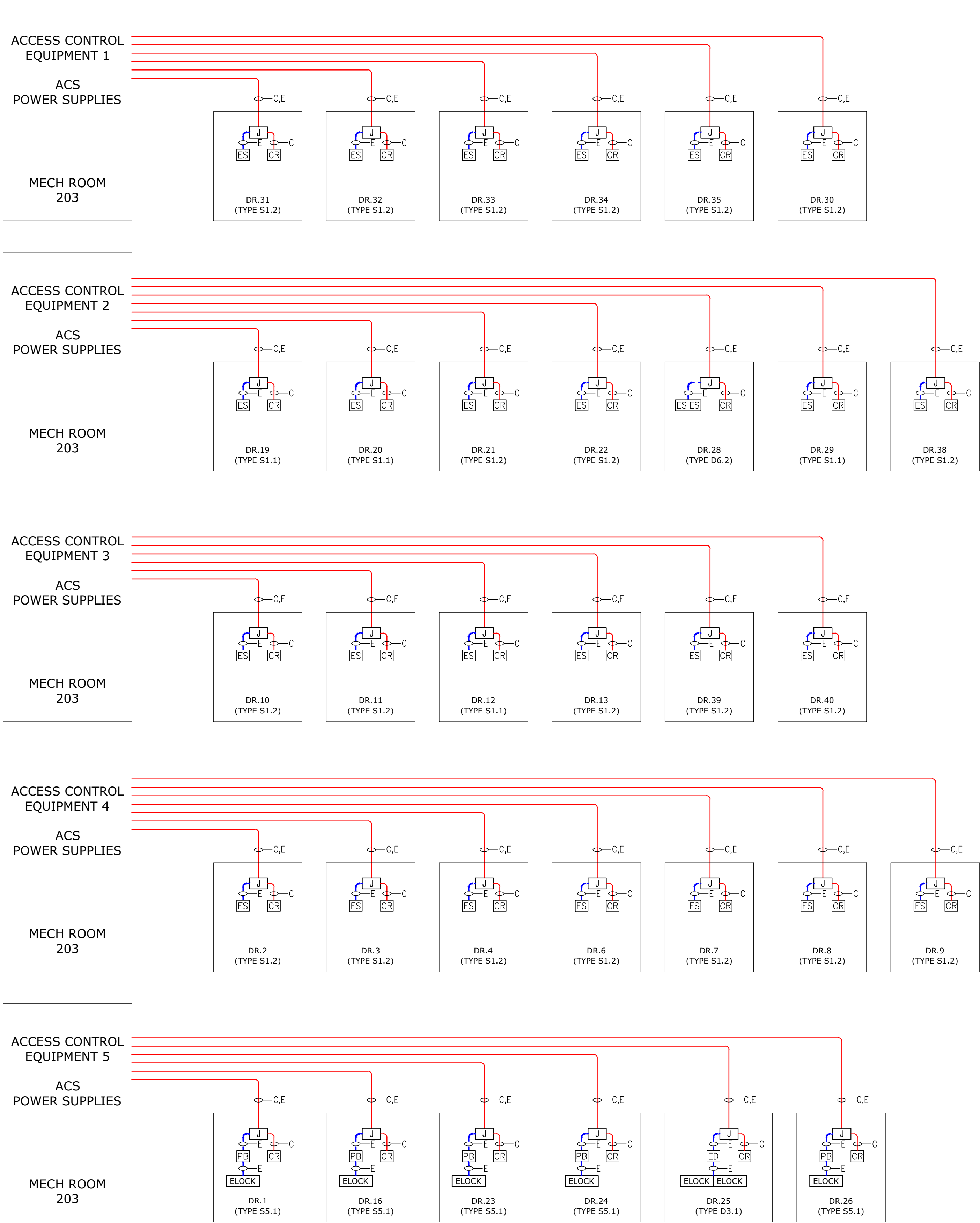
CONTRACTOR NAME:
CONTRACTOR NO.:
QUALIFIER NAME:
ADDRESS:

FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@realalmsdesign.co
(802)734-8742



LEVEL 1 RISER DIAGRAM
ACCESS CONTROL SYSTEM

ACCESS CONTROL SYSTEM WIRE CODE CHART		
LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



#	REVISION	DESCRIPTION	DATE

Designed by:	Date:	AS NOTED
Drawn by:	Scale:	
Approved By:	Project:	

CONTRACTOR NAME:
CONTRACTOR NO.:
QUALIFIER NAME:
ADDRESS:

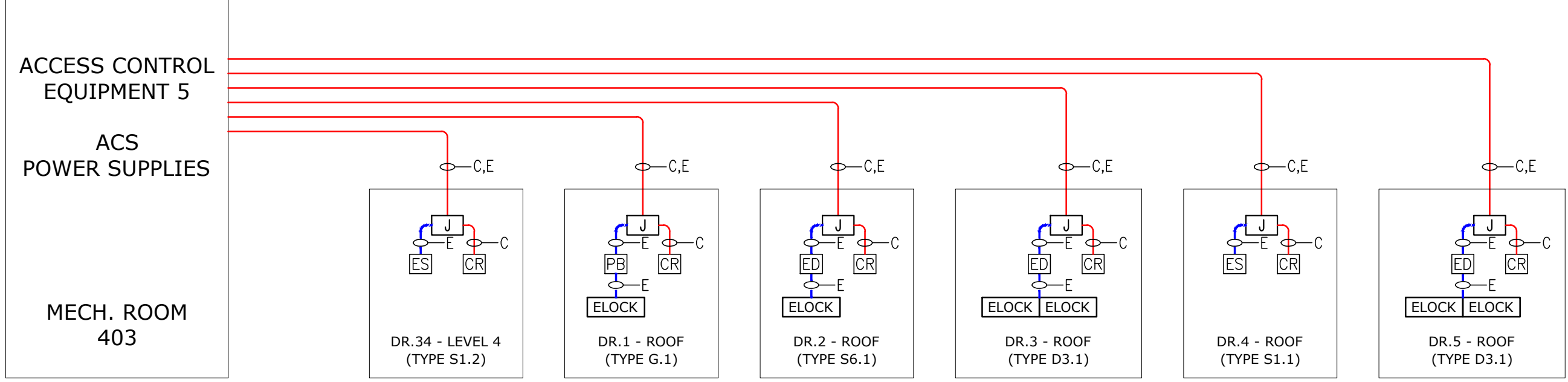
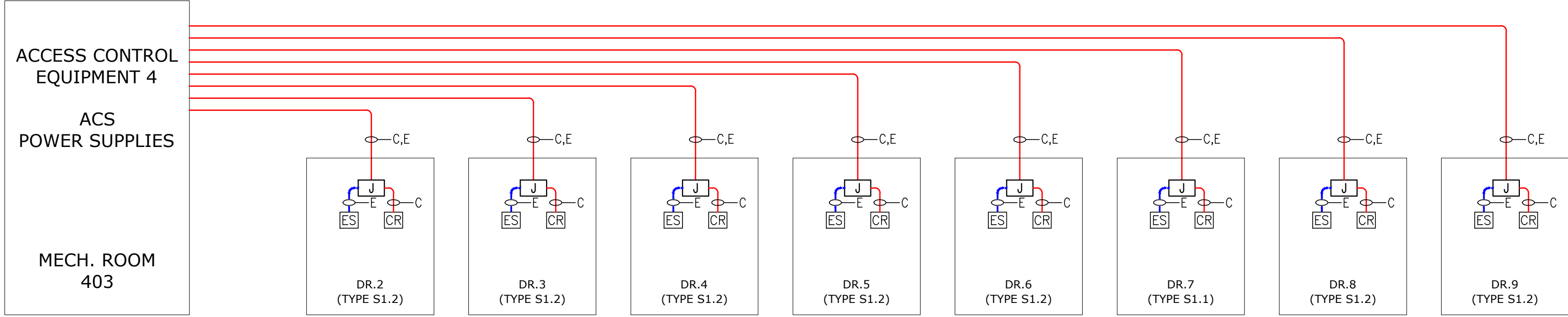
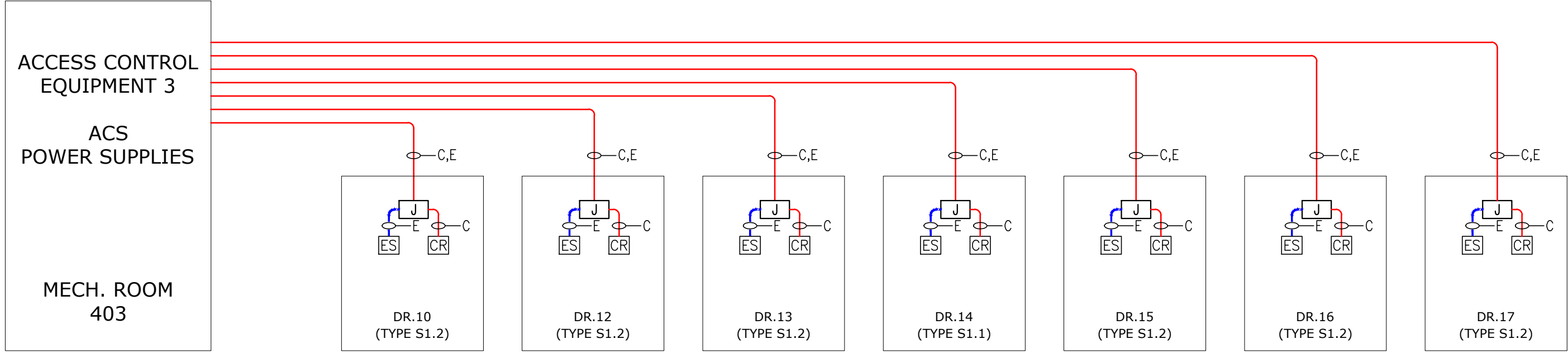
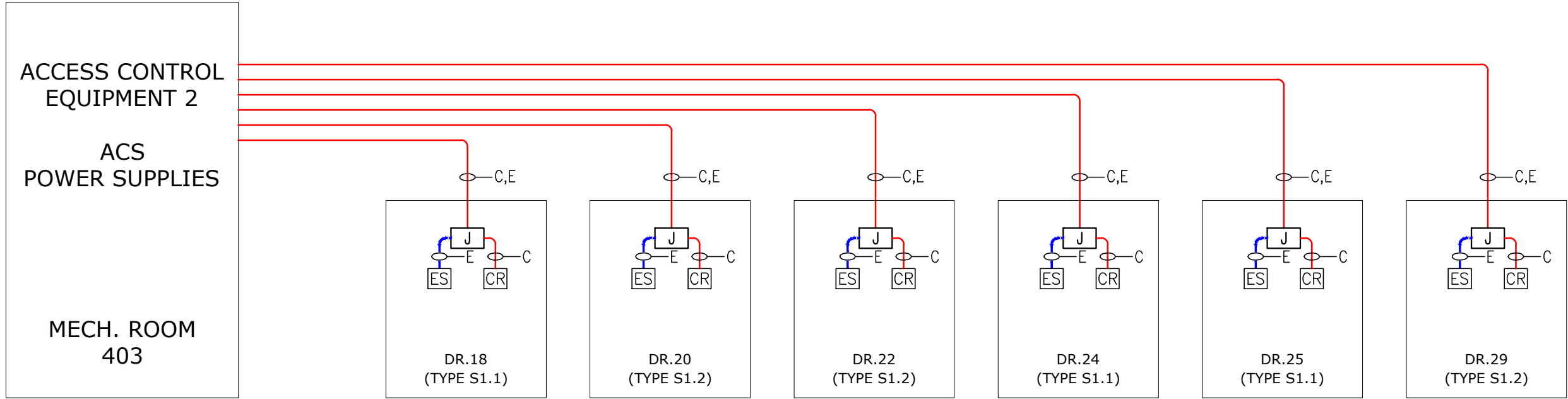
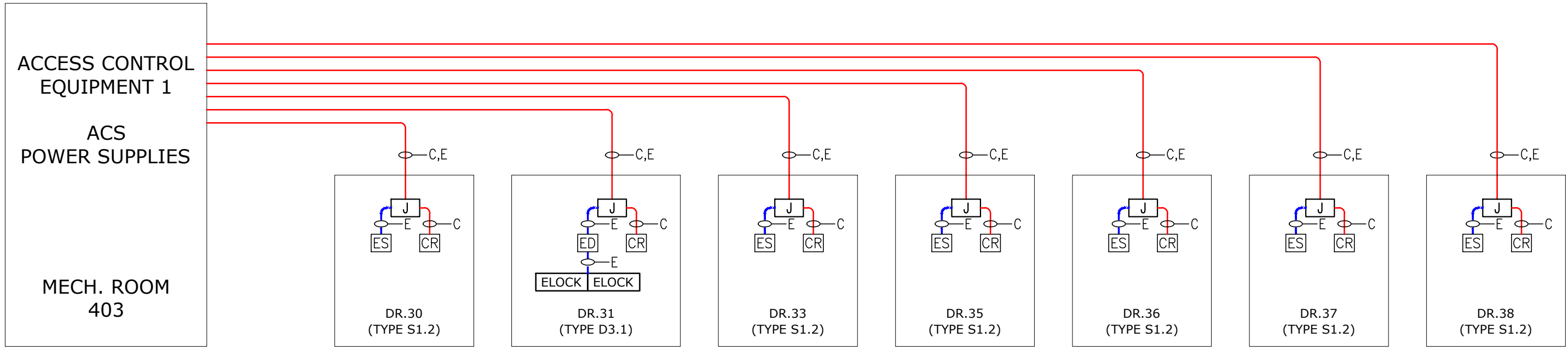
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PO BOX 3394
BURLINGTON, VT 05408
info@firealarmdesign.co
(802)734-8742



FIRE ALARM
DESIGN CO.

LEVEL 2 RISER DIAGRAM
ACCESS CONTROL SYSTEM

ACCESS CONTROL SYSTEM WIRE CODE CHART		
LABEL	DESCRIPTION	PART NUMBER
C	READER CABLE 22/6 NON-SHIELDED, CMP	2206P-WHT
E	POWER CABLE 18/4 NON-SHIELDED, CMP	1804P-WHT



Date:	AS NOTED
Scale:	AS NOTED
Project:	AS NOTED

CONTRACTOR NAME:	CONTRACTOR NO.:
QUALIFIER NAME:	ADDRESS:

FIRE ALARM DESIGN CO.
PO BOX 3394
BURLINGTON, VT 05408
info@firealarmdesign.co
(802)734-8742

LEVEL 4 RISER DIAGRAM
ACCESS CONTROL SYSTEM