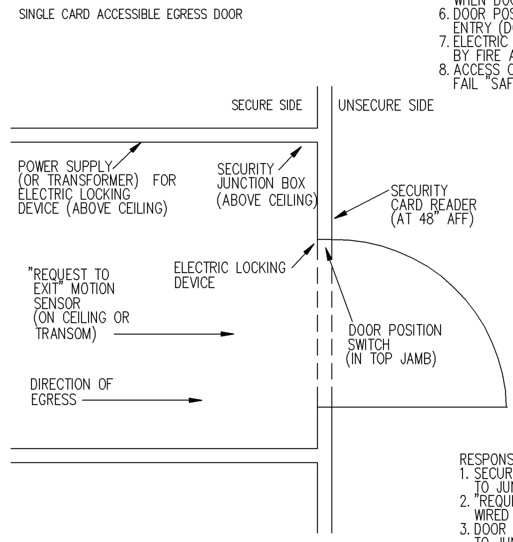
DRAWN BY: JP / AN / SB / RV / MS

FOR REFERENCE ONLY - NOT ALL DEVICES OR LAYOUTS MAY BE USED ON THIS PROJECT

SINGLE CARD ACCESSIBLE EGRESS DOOR

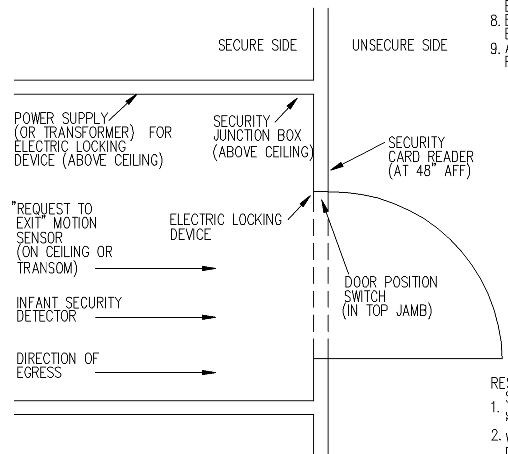


DOOR OPERATION:
1. LOCKSET IS NORMALLY LOCKED FROM UNSECURED SIDE, NORMALLY UNLOCKED FROM SECURED SIDE.
2. HARDWARE MECHANICALLY RELEASES DOOR FROM SECURED SIDE
3. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE
4. CARD ACCESS SYSTEM AUTOMATICALLY RELOCKS ELECTRIC LOCKING DEVICE AFTER DOOR RECLUSES
5. "REQUEST TO EXIT" MOTION SENSOR DEFEATS DOOR ALARM WHEN DOOR IS MANUALLY OPENED FROM SECURE SIDE.
6. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
7. ELECTRIC LOCKING DEVICES ARE AUTOMATICALLY RELEASED BY FIRE ALARM
8. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKING DEVICES FAIL "SAFE"

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCH FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY.
7. POWER SUPPLY FOR ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC
8. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, HARDWARE, DOOR PREPARATION, FRAME PREPARATION, AND OTHER ROUGH–IN BY GC/EC.
9. TESTING AND CONFIRMATION OF SAFE EGRESS BY ARCHITECT, GC/EC, AND ACCESS CONTROL VENDOR.
10. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "A"
SINGLE CARD ACCESSIBLE EGRESS DOOR

SINGLE CARD ACCESSIBLE EGRESS DOOR

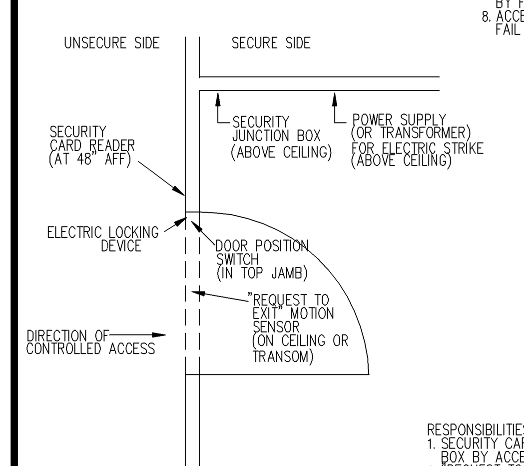


DOOR OPERATION:
1. LOCKSET IS NORMALLY LOCKED FROM UNSECURED SIDE, NORMALLY UNLOCKED FROM SECURED SIDE.
2. HARDWARE MECHANICALLY RELEASES DOOR FROM SECURED SIDE
3. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE
4. CARD ACCESS SYSTEM AUTOMATICALLY RELOCKS ELECTRIC LOCKING DEVICE AFTER DOOR RECLOSES
5. "REQUEST TO EXIT" MOTION SENSOR DEFEATS DOOR ALARM WHEN DOOR IS MANUALLY OPENED FROM SECURE SIDE.
6. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
7. INFANT SECURITY SYSTEM TEMPORARILY LOCKS DOOR WHEN BANDED INFANT APPROACHES
8. ELECTRIC LOCKING DEVICES ARE AUTOMATICALLY RELEASED BY FIRE ALARM
9. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKING DEVICES FAIL "SAFE"

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCH FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. INFANT SECURITY DETECTOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
5. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
6. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
7. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY.
8. POWER SUPPLY FOR ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
9. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, HARDWARE, DOOR PREPARATION, FRAME PREPARATION, AND OTHER ROUGH–IN BY GC/EC.
10. TESTING AND CONFIRMATION OF SAFE EGRESS BY ARCHITECT, GC/EC, AND ACCESS CONTROL VENDOR.
11. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "A-i"
SINGLE CARD ACCESSIBLE EGRESS DOOR

SINGLE CARD ACCESSIBLE DOOR – TO INTERIOR SPACE

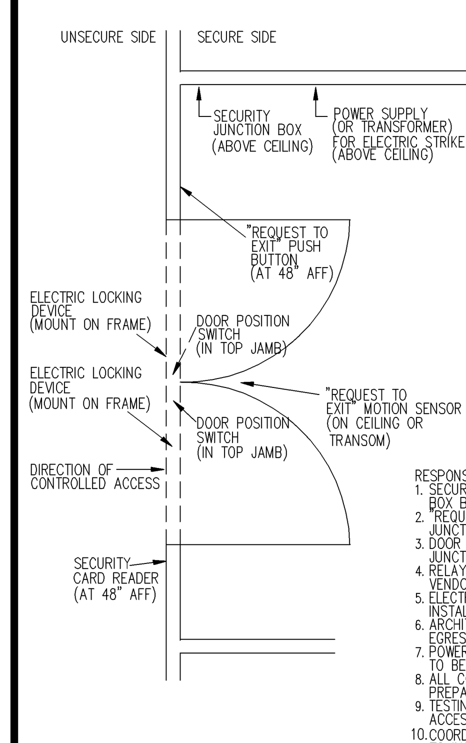


DOOR OPERATION:
1. LOCKSET IS NORMALLY LOCKED FROM UNSECURED SIDE, NORMALLY UNLOCKED FROM SECURED SIDE.
2. HARDWARE MECHANICALLY RELEASES DOOR FROM SECURED SIDE
3. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE
4. CARD ACCESS SYSTEM AUTOMATICALLY RELOCKS ELECTRIC LOCKING DEVICE AFTER DOOR RECLOSES
5. "REQUEST TO EXIT" MOTION SENSOR DEFEATS DOOR ALARM WHEN DOOR IS MANUALLY OPENED FROM SECURE SIDE.
6. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
7. ELECTRIC LOCKING DEVICES ARE AUTOMATICALLY RELEASED BY FIRE ALARM
8. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKING DEVICES FAIL "SAFE"

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCH FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY
7. POWER SUPPLY FOR ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLS, AND WIRED TO JUNCTION BOX BY GC/EC
8. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, HARDWARE, DOOR PREPARATION, FRAME PREPARATION, AND OTHER ROUGH–IN BY GC/EC.
9. TESTING AND CONFIRMATION OF SAFE EGRESS BY ARCHITECT, GC/EC, AND ACCESS CONTROL VENDOR
10. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "B"
SINGLE CARD ACCESSIBLE EGRESS DOOR - TO INTERIOR SPACE

SPACE/DEPT CARD ACCESSIBLE DOUBLE DOOR W AUTOMATIC UNLOCKING

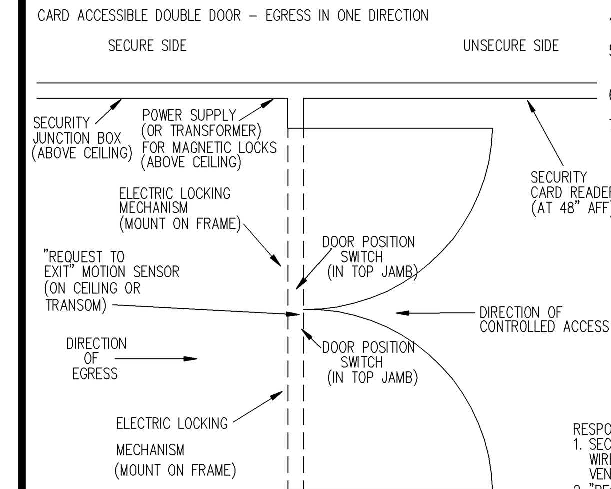


DOOR OPERATION:
1. HARDWARE IS NORMALLY UNLOCKED – CAN BE MANUALLY LOCKED IF AND WHEN ELECTRIC LOCKS ARE OFF.
2. HARDWARE MECHANICALLY RELEASES DOOR AND ELECTRICALLY RELEASES ELECTRIC LOCKING DEVICES FROM SECURE SIDE
3. HARDWARE REQUIRES KEY FROM UNSECURE SIDE WHEN MANUALLY LOCKED
4. "REQUEST TO EXIT" MOTION SENSOR DEFEATS DOOR ALARM AND RELEASES ELECTRIC LOCKING DEVICE WHEN DOOR IS APPROACHED FROM SECURED SIDE.
5. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE
6. CARD ACCESS SYSTEM AUTOMATICALLY RELOCKS ELECTRIC LOCKING DEVICE AFTER DOOR RECLOSES
7. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
8. ELECTRIC LOCKING DEVICES ARE AUTOMATICALLY RELEASED BY FIRE ALARM
9. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKING DEVICES FAIL "SAFE"

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY
7. POWER SUPPLY FOR ELECTRIC LOCKING DEVICES SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC
8. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, HARDWARE, DOOR PREPARATION, FRAME PREPARATION, AND OTHER ROUGH–IN BY GC/EC.
9. TESTING AND CONFIRMATION OF SAFE EGRESS BY ARCHITECT, GC/EC, AND ACCESS CONTROL VENDOR
10. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "D"
SPACE/DEPT CARD ACCESSIBLE DOUBLE DOOR W/AUTOMATIC UNLOCKING

CARD ACCESSIBLE DOUBLE DOOR – EGRESS IN ONE DIRECTION

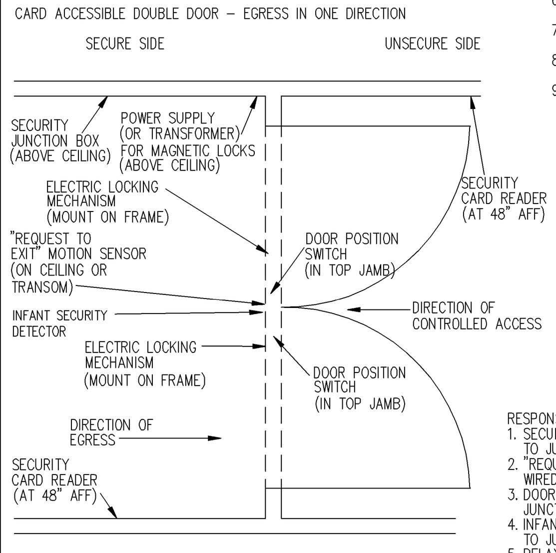


DOOR OPERATION:
1. HARDWARE MECHANICALLY RELEASES DOOR AND ELECTRICALLY RELEASES ELECTRIC LOCKING DEVICES FROM SECURE SIDE.
2. "REQUEST TO EXIT" MOTION SENSOR DEFEATS DOOR ALARM AND RELEASES ELECTRIC LOCKING DEVICE WHEN DOOR IS APPROACHED FROM SECURED SIDE.
3. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE
4. CARD ACCESS SYSTEM AUTOMATICALLY RELOCKS ELECTRIC LOCKING DEVICE AFTER DOOR RECLOSES
5. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
6. ELECTRIC LOCKING DEVICES ARE AUTOMATICALLY RELEASED BY FIRE ALARM
7. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKING DEVICES FAIL "SAFE"

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR.
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY.
7. POWER SUPPLY FOR ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
8. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, HARDWARE, DOOR PREPARATION, FRAME PREPARATION, AND OTHER ROUGH–IN BY GC/EC.
9. TESTING AND CONFIRMATION OF SAFE EGRESS BY ARCHITECT, GC/EC, AND ACCESS CONTROL VENDOR
10. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "E"
SINGLE CARD ACCESSIBLE DOUBLE DOOR - EGRESS IN ONE DIRECTION

CARD ACCESSIBLE DOUBLE DOOR – EGRESS IN ONE DIRECTION

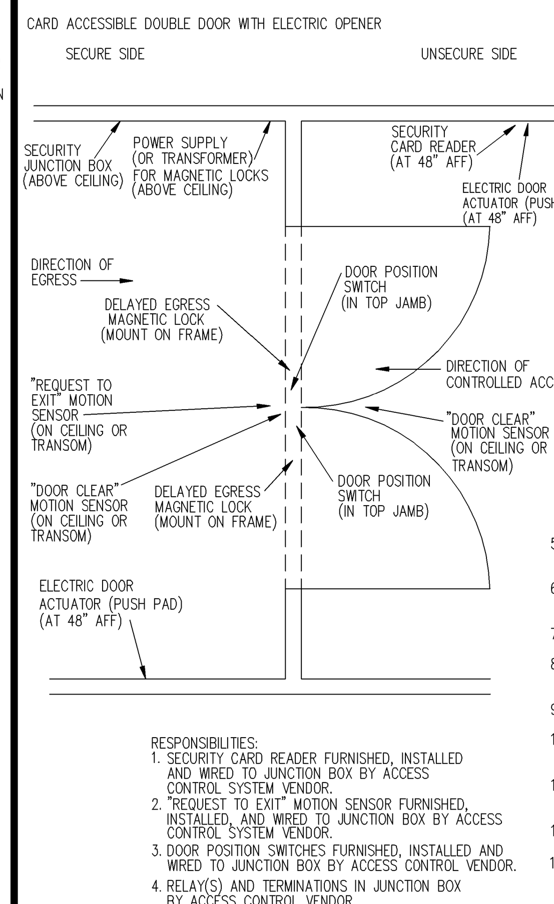


DOOR OPERATION:
1. HARDWARE MECHANICALLY RELEASES DOOR AND ELECTRICALLY RELEASES ELECTRIC LOCKING DEVICES FROM SECURE SIDE
2. "REQUEST TO EXIT" MOTION SENSOR DEFEATS DOOR ALARM AND RELEASES ELECTRIC LOCKING DEVICE WHEN DOOR IS APPROACHED FROM SECURED SIDE.
3. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE
4. CARD ACCESS SYSTEM AUTOMATICALLY RELOCKS ELECTRIC LOCKING DEVICE AFTER DOOR RECLOSES
5. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
6. INFANT SECURITY SYSTEM TEMPORARILY LOCKS DOORS WHEN BANDED INFANT APPROACHES
7. PRESENTATION OF AUTHORIZED CARD ON SECURED SIDE MOMENTARILY DEFEATS INFANT SECURITY
8. ELECTRIC LOCKING DEVICES ARE AUTOMATICALLY RELEASED BY FIRE ALARM
9. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKING DEVICES FAIL "SAFE"

RESPONSIBILITIES:
1. SECURITY CARD READERS FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. INFANT SECURITY DETECTOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
5. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
6. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
7. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY.
8. POWER SUPPLY FOR ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC
9. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, HARDWARE, DOOR PREPARATION, FRAME PREPARATION, AND OTHER ROUGH–IN BY GC/EC.
10. TESTING AND CONFIRMATION OF SAFE EGRESS BY ARCHITECT, GC/EC, AND ACCESS CONTROL VENDOR
11. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "E-i"
CARD ACCESSIBLE DOUBLE DOOR - EGRESS IN ONE DIRECTION

CARD ACCESSIBLE DOUBLE DOOR WITH ELECTRIC OPENER



DOOR OPERATION:
FROM SECURE SIDE – IN THE DIRECTION OF EGRESS:
1. HARDWARE MECHANICALLY RELEASES DOOR AND ELECTRICALLY RELEASES ELECTRIC LOCKING DEVICES FROM SECURE SIDE.
2. MOTION SENSOR RELEASES MAGNETIC LOCKS WHENEVER APPROACHED FROM SECURE SIDE – DOOR MAY BE MANUALLY OPERATED.
3. MAGNETIC LOCKS RELEASE AND DOOR OPERATES ANYTIME ELECTRIC DOOR ACTUATOR IS PRESSED.

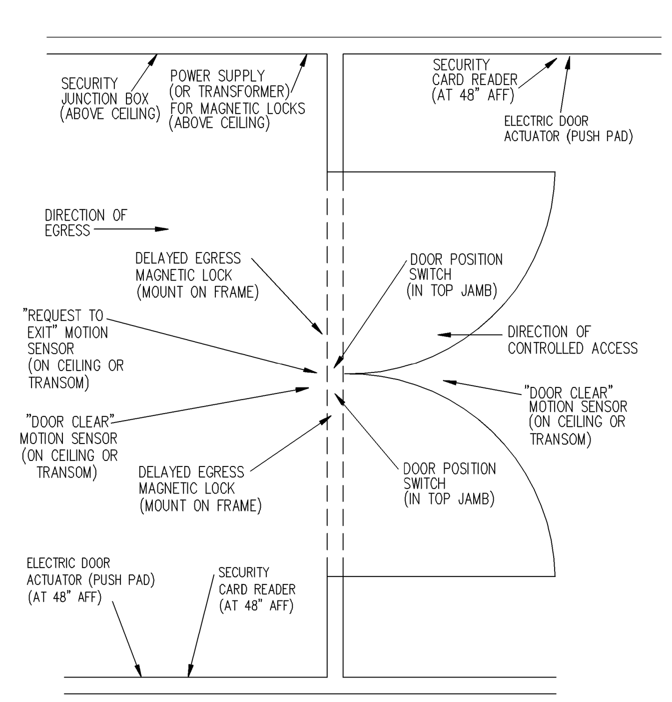
FROM THE UNSECURE SIDE
4. ACTUATOR OPERATES DOOR OPENER WHEN ENTRANCE IS NOT SECURED.
5. ACTUATOR IS DEFEATED BY ACCESS CONTROL SYSTEM WHEN ENTRANCE IS SECURED.
6. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE AND OPERATES DOOR.

GENERAL NOTES:
7. LOCKSET, IF PROVIDED, IS NORMALLY UNLOCKED – CAN BE MANUALLY LOCKED IF ELECTRIC LOCKS AND ELECTRIC OPENER ARE TURNED OFF.
8. "CRASH BAR" OR BREAKAWAY DOOR HARDWARE MANUALLY RELEASES DOOR WHEN MANUALLY LOCKED.
9. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
10. MAGNETIC LOCKS ARE AUTOMATICALLY RELEASED BY FIRE ALARM.
11. ACCESS CONTROL SYSTEM AND MAGNETIC LOCKS FAIL "SAFE".
12. "DOOR CLEAR" MOTION SENSOR PREVENTS DOOR FROM CLOSING ON PEDESTRIAN.

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR.
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT– TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY.
7. "DOOR CLEAR" MOTION SENSORS FURNISHED, INSTALLED AND WIRED TO DOOR OPENER BY GC/EC.
8. POWER SUPPLY FOR "DOOR CLEAR" MOTION SENSORS FURNISHED, INSTALLED AND WIRED TO DOOR OPENER BY GC/EC.
9. ELECTRIC DOOR OPENER FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
10. ELECTRIC DOOR ACTUATORS FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC; PROVIDE DUAL CONTACTS ON SECURE SIDE.
11. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, DOOR PREPARATION, FRAME PREPARATION AND OTHER ROUGH–IN BY GC/EC.
12. TESTING AND CONFIRMATION OF SAFE EGRESS BY GC/EC AND ACCESS CONTROL VENDOR
14. SCR SHALL BE INSTALLED ADJACENT TO PUSH PLATE ACTUATOR COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "F"
CARD ACCESSIBLE DOUBLE DOOR WITH ELECTRIC OPENER

CARD ACCESSIBLE DOUBLE DOOR WITH ELECTRIC OPENER



DOOR OPERATION:
FROM SECURE SIDE – IN THE DIRECTION OF EGRESS:
1. HARDWARE MECHANICALLY RELEASES DOOR AND ELECTRICALLY RELEASES ELECTRIC LOCKING DEVICES FROM SECURE SIDE
2. MOTION SENSOR RELEASES MAGNETIC LOCKS WHENEVER APPROACHED FROM SECURE SIDE – DOOR MAY BE MANUALLY OPERATED
3. MAGNETIC LOCKS RELEASE AND DOOR OPERATES ANYTIME ELECTRIC DOOR ACTUATOR IS PRESSED.
4. INFANT SECURITY SYSTEM TEMPORARILY LOCKS DOORS WHEN BANDED INFANT APPROACHES
5. PRESENTATION OF AUTHORIZED CARD ON SECURED SIDE MOMENTARILY DEFEATS INFANT SECURITY

FROM THE UNSECURE SIDE
6. ACTUATOR OPERATES DOOR OPENER WHEN ENTRANCE IS NOT SECURED
7. ACTUATOR IS DEFEATED BY ACCESS CONTROL SYSTEM WHEN ENTRANCE IS SECURED.
8. PRESENTATION OF AUTHORIZED CARD MOMENTARILY RELEASES ELECTRIC LOCKING DEVICE AND OPERATES DOOR

GENERAL NOTES:
9. LOCKSET, IF PROVIDED, IS NORMALLY UNLOCKED – CAN BE MANUALLY LOCKED IF ELECTRIC LOCKS AND ELECTRIC OPENER ARE TURNED OFF.
10. "CRASH BAR" OR BREAKAWAY DOOR HARDWARE MANUALLY RELEASES DOOR WHEN MANUALLY LOCKED.
11. DOOR POSITION SWITCH INITIATES DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
12. MAGNETIC LOCKS ARE AUTOMATICALLY RELEASED BY FIRE ALARM.
13. ACCESS CONTROL SYSTEM AND MAGNETIC LOCKS FAIL "SAFE".
14. "DOOR CLEAR" MOTION SENSOR PREVENTS DOOR FROM CLOSING ON PEDESTRIAN.

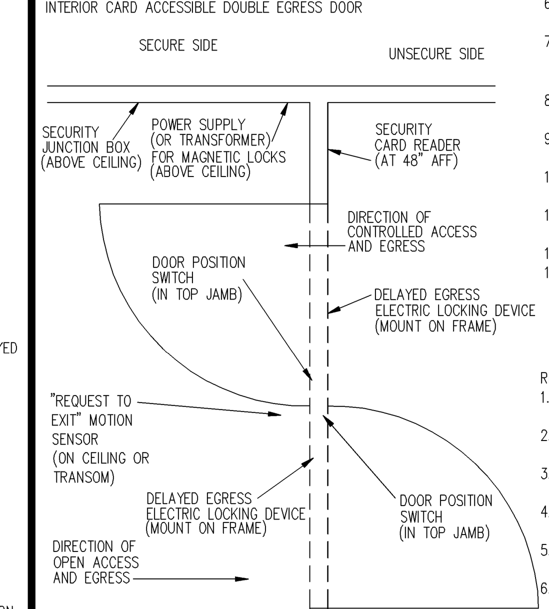
RESPONSIBILITIES:
1. SECURITY CARD READERS FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. INFANT SECURITY DETECTOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
5. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
6. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
7. ARCHITECT TO SPECIFY ALL HARDWARE, ELECTRIC HARDWARE, AND/OR DELAYED EGRESS ELECTRIC LOCKING DEVICES AS REQUIRED BY CODE AUTHORITY
8. "DOOR CLEAR" MOTION SENSORS FURNISHED, INSTALLED AND WIRED TO DOOR OPENER BY GC/EC.
9. POWER SUPPLY FOR "DOOR CLEAR" MOTION SENSORS FURNISHED, INSTALLED AND WIRED TO DOOR OPENER BY GC/EC.
10. ELECTRIC DOOR OPENER FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
11. ELECTRIC DOOR ACTUATORS FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC; PROVIDE DUAL CONTACTS ON SECURE SIDE.
12. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, DOOR PREPARATION, FRAME PREPARATION AND OTHER ROUGH–IN BY GC/EC.
13. TESTING AND CONFIRMATION OF SAFE EGRESS BY GC/EC AND ACCESS CONTROL VENDOR
14. SCR SHALL BE INSTALLED ADJACENT TO PUSH PLATE ACTUATOR. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "F-i"
CARD ACCESSIBLE DOUBLE DOOR WITH ELECTRIC OPENER

DOOR OPERATION:
FROM SECURE SIDE – IN THE DIRECTION OF EGRESS:
1. "REQUEST TO EXIT" MOTION SENSOR RELEASES ELECTRIC LOCKS ON MANUAL OPERATION OF DOOR.

FROM UNSECURE SIDE – IN THE DIRECTION OF CONTROLLED ACCESS:
2. WHEN DOOR IS SECURED, MAGNETIC LOCKS RELEASE UPON PRESENTATION OF VALID CARD.

INTERIOR CARD ACCESSIBLE DOUBLE EGRESS DOOR

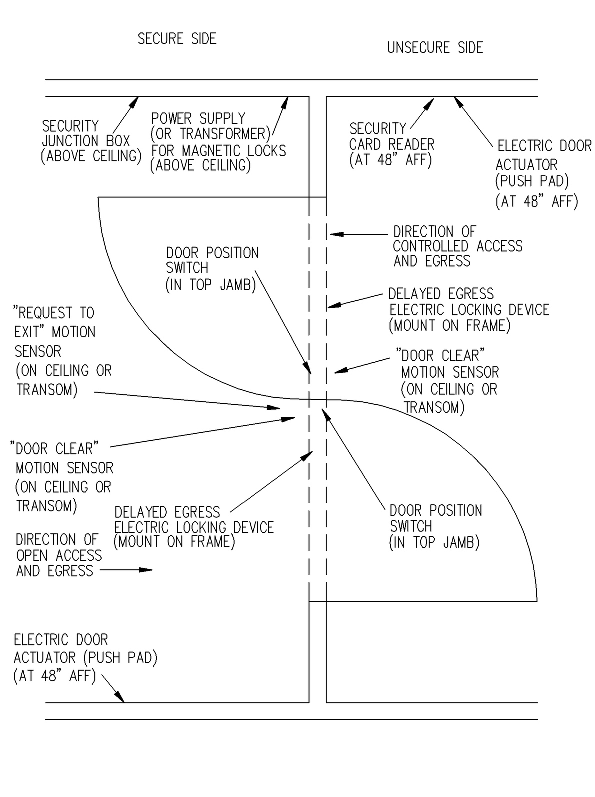


GENERAL NOTES:
3. DOORS ARE EQUIPPED WITH MECHANICAL LATCHES AND CRASHBARS.
4. MECHANICAL LATCHES ARE NORMALLY HELD OPEN UNTIL FIRE ALARM OCCURS.
5. ELECTRIC LOCKS ARE AUTOMATICALLY RELEASED BY FIRE ALARM.
6. "CRASH BAR" HARDWARE ON BOTH SIDES RELEASE MECHANICAL LATCHES AFTER ELECTRIC LOCKS RELEASE.
7. DOOR POSITION SWITCHES INITIATE DOOR ALARM FOR UNAUTHORIZED.
ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
8. "REQUEST TO EXIT" MOTION SENSOR MOMENTARILY DEFEATS DOOR ALARM WHEN DOOR IS OPENED FROM SECURE SIDE.
9. PRESENTATION OF A VALID CARD MOMENTARILY DEFEATS DOOR ALARM WHEN DOOR IS OPENED FROM UNSECURE SIDE.
10. MOTION SENSORS PREVENT DOORS FROM CLOSING ON PEDESTRIAN.
11. DELAYED EGRESS ELECTRIC LOCKS TO RELEASE AFTER 15–30 SECONDS OF CONSTANT PRESSURE.
12. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKS FAIL "SAFE".
13. ELECTRIC LOCKS RELEASE ON FIRE ALARM.

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR.
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. POWER SUPPLY FOR MAGNETIC LOCKS FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
7. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, DOOR PREPARATION, FRAME PREPARATION AND OTHER ROUGH–IN BY GC/EC.
8. TESTING AND CONFIRMATION OF SAFE EGRESS BY GC/EC AND ACCESS CONTROL VENDOR
9. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

DOOR TYPE "G"
INTERIOR CARD ACCESSIBLE DOUBLE EGRESS DOOR

INTERIOR CARD ACCESSIBLE DOUBLE EGRESS ELECTRIC DOOR



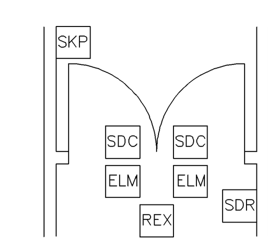
DOOR OPERATION:
FROM SECURE SIDE – IN THE DIRECTION OF EGRESS:
1. ELECTRIC LOCKS RELEASE AND DOORS OPERATE ANYTIME ELECTRIC DOOR PUSH PAD IS PRESSED.
2. "REQUEST TO EXIT" MOTION SENSOR RELEASES ELECTRIC LOCKS ON MANUAL OPERATION OF DOOR

FROM UNSECURE SIDE – IN THE DIRECTION OF CONTROLLED ACCESS:
3. PRESSING ELECTRIC DOOR ACTUATOR OPERATES DOOR OPENER WHEN DOOR IS NOT SECURED.
4. ELECTRIC DOOR ACTUATOR IS DEFEATED BY ACCESS CONTROL SYSTEM WHEN DOOR IS SECURED.
5. WHEN DOOR IS SECURED, MAGNETIC LOCKS RELEASE AND DOORS OPERATE UPON PRESENTATION OF A VALID CARD.

GENERAL NOTES:
6. DOORS ARE EQUIPPED WITH MECHANICAL LATCHES AND CRASHBARS.
7. MECHANICAL LATCHES ARE NORMALLY HELD OPEN UNTIL FIRE ALARM OCCURS.
8. ELECTRIC LOCKS ARE AUTOMATICALLY RELEASED BY FIRE ALARM.
9. "CRASH BAR" HARDWARE ON BOTH SIDES RELEASE MECHANICAL LATCHES AFTER ELECTRIC LOCKS RELEASE.
10. DOOR POSITION SWITCHES INITIATE DOOR ALARM FOR UNAUTHORIZED ENTRY (DOOR FORCED, LEFT AJAR, LOCK OR LATCH DEFEATED).
11. "REQUEST TO EXIT" MOTION SENSOR MOMENTARILY DEFEATS DOOR ALARM WHEN DOOR IS OPENED FROM SECURE SIDE.
12. PRESENTATION OF A VALID CARD MOMENTARILY DEFEATS DOOR ALARM WHEN DOOR IS OPENED FROM UNSECURE SIDE.
13. MOTION SENSORS PREVENT DOORS FROM CLOSING ON PEDESTRIAN.
14. DELAYED EGRESS ELECTRIC LOCKS TO RELEASE AFTER 15–30 SECONDS OF CONSTANT PRESSURE.
15. ACCESS CONTROL SYSTEM AND ELECTRIC LOCKS FAIL "SAFE".
16. ELECTRIC LOCKS RELEASE ON FIRE ALARM.

RESPONSIBILITIES:
1. SECURITY CARD READER FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL SYSTEM VENDOR.
2. "REQUEST TO EXIT" MOTION SENSOR FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
3. DOOR POSITION SWITCHES FURNISHED, INSTALLED AND WIRED TO JUNCTION BOX BY ACCESS CONTROL VENDOR.
4. RELAY(S) AND TERMINATIONS IN JUNCTION BOX BY ACCESS CONTROL VENDOR
5. ELECTRIC LOCKING DEVICE SPECIFIED BY ARCHITECT – TO BE FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
6. POWER SUPPLY FOR MAGNETIC LOCKS FURNISHED, INSTALLED,AND WIRED TO JUNCTION BOX BY GC/EC
7. "DOOR CLEAR" MOTION SENSORS FURNISHED, INSTALLED AND WIRED TO DOOR OPENER BY GC/EC.
8. POWER SUPPLY FOR "DOOR CLEAR" MOTION SENSORS FURNISHED, INSTALLED AND WIRED TO DOOR OPENER BY GC/EC.
9. ELECTRIC DOOR OPENER FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC.
10. ELECTRIC DOOR ACTUATORS FURNISHED, INSTALLED, AND WIRED TO JUNCTION BOX BY GC/EC; PROVIDE DUAL CONTACTS ON SECURE SIDE.
11. ALL CONDUIT, BACK BOXES, POWER CONNECTIONS, DOOR PREPARATION, FRAME PREPARATION AND OTHER ROUGH–IN BY GC/EC.
12. TESTING AND CONFIRMATION OF SAFE EGRESS BY GC/EC AND ACCESS CONTROL VENDOR
13. SCR SHALL BE INSTALLED ADJACENT TO PUSH PLATE ACTUATOR. COORDINATE EXACT LOCATION OF SCR WITH ARCHITECT PRIOR TO INSTALLATION.

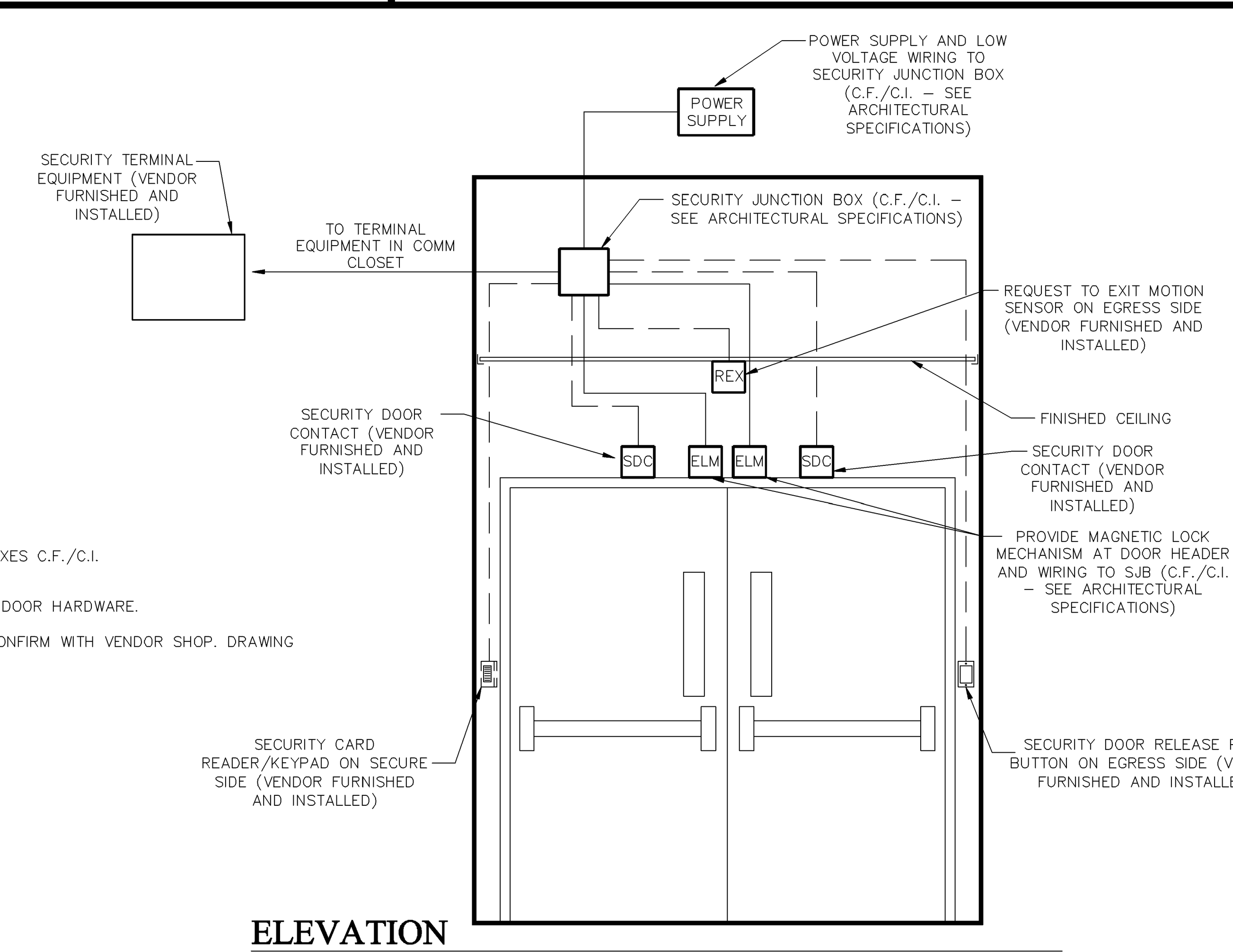
DOOR TYPE "H"
INTERIOR CARD ACCESSIBLE DOUBLE EGRESS ELECTRIC DOOR



PLAN VIEW

NTS

GENERAL NOTES:
1. ALL ROUGH–IN CONDUIT AND BACKBOXES C.F./C.I. SEE ARCHITECTUAL SPECS.
2. SEE ARCHITECTURAL SPECS FOR ALL DOOR HARDWARE.
3. ALL CONDUIT SHALL BE MIN. 3/4"–CONFIRM WITH VENDOR SHOP. DRAWING



ELEVATION

NTS

TYPICAL ACCESS CONTROL DOOR ELEVATION

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Issued For:
100 % CD's
For Construction

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