GENERAL NOTE:
1. Door components and other support structures (CR, ADA, DMA & Camera) shown in dotted lines can be installed without installation of the access control system.

ELECTRICAL SUB-CONTRACTOR RESPONSIBILITIES:
1. Install 16" x 12" x 4" Security Junction Box: Hoffman Type 1 Control Box with perforated panel, enclosure part number: accent panel, part number: 110-metal box mounted above the door on accessible ceiling space on the secure side of room, except partial feet, 2 feet behind the door. Do not exceed 10% of ceiling feet, 2 feet behind the designated security panel. Junction box of required size and location at the security junction box and power supply boxes within accessible space so that future maintenance work can be performed in a safe manner.
2. Install 2" x 4" x 1-1/2" Single-Gang Outlet Box for Request-To-Exit (REX) Motion Sensor, horizontal, height on secure side of door frame and frame.
3. Install 2" x 4" x 1-1/2" Single-Gang Outlet Box for Card Reader, height on non-secure side of door at ADA compliance height.
4. Install 4" x 4" x 2-1/8" Octagon Box for Camera in ceiling or wall location as specified by the architect.
5. Install conduits as required:
   - 1-1/4" conduit from Security Junction Box to accessible pathway to TR
   - 3/4" conduit from Security Junction Box to Door Management Alarm Outlet Box
   - 1/2" conduit from Security Junction Box to Single-Gang Outlet Box, wall, and opposite side of door frame, 4" x 4" x 2-1/8"
   - 1/2" conduit from Security Junction Box to Single-Gang Outlet Box, wall, and opposite side of door frame
   - 1/2" conduit from Security Junction Box to Single-Gang Outlet Box, wall, and opposite side of door frame
   - 1/2" conduit from Security Junction Box to Single-Gang Outlet Box, wall, and opposite side of door frame

7. The wireless ADA Door Operator button application requires a minimum of one wireless button. Install the door operator device must be equipped with a single-button, single-channel relay of a dual-channel receiver for control of the access control system.
8. Do not exceed more than 2 90-degree bends in conduit runs or more than 180 degrees total. If exceeded, install intermediate pull boxes.
9. Use of flex conduit from the junction box to the contact, relay, strike, or handle must be pre-approved by the Stanford Facility Engineer.