GENERAL NOTE:
1. DOOR COMPONENTS AND OTHER SUPPORT STRUCTURES (CONDUIT AND BOXES) 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, TYPE1 CONTROL BOX WITH PERFORATED PANEL, ENCLOSURE PART NUMBER ASE16X12X4. PANEL PART NUMBER A16N12PP. MOUNT ABOVE THE DOOR IN ACCESSIBLE CEILING SPACE ON THE SECURE SIDE OF DOOR (WITHIN 5 RADIAL FEET, BUT NOT TO EXCEED 25 RADIAL FEET). MOUNT ADJACENT TO POWER SUPPLY PANEL/JUNCTION BOX (IF EQUIPPED AT DOOR). THE SECURITY JUNCTION BOX & POWER SUPPLY BOXES SHALL BE READILY ACCESSIBLE SO THAT FUTURE MAINTENANCE WORK CAN BE PERFORMED IN A SAFE MANNER.
2. INSTALL 2" X 4" X 1-1/2"D SINGLE-GANG OUTLET BOX FOR REQUEST-TO-EXIT (REX) MOTION SENSOR. HORIZONTAL MOUNT ON SECURE SIDE OF DOOR ABOVE DOOR FRAME.
3. INSTALL 2" X 4" X 1-1/2"D SINGLE-GANG OUTLET BOX FOR CARD READER. MOUNT ON UN-SECURE SIDE OF DOOR AT ADA COMPLIANCE HEIGHT.
4. INSTALL 4" X 4" X 2-1/8"D DUAL-GANG OUTLET BOX FOR DOOR MANAGEMENT ALARM. MOUNT ON SECURE SIDE OF DOOR @ 48" AFF.
5. INSTALL 4" X 2-1/8" D OCTAGON BOX FOR CAMERA IN CEILING OR WALL LOCATION AS SPECIFIED BY THE ARCHITECT.
6. 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 FRAME /WALL (REX OPTION #1)
   - 1/2" CONDUIT FROM SECURITY JUNCTION BOX TO DOOR FRAME (REX IN CRASHBAR OPTION #2)
   - 1/2" CONDUIT FROM SECURITY JUNCTION BOX TO DOOR FRAME (DOOR CONTACT).
   - 1/2" CONDUIT FROM SECURITY JUNCTION BOX TO SINGLE-GANG OUTLET BOX (CARD READER)
   - 1/2" CONDUIT FROM SECURITY JUNCTION BOX TO OCTAGON OUTLET BOX (CAMERA)
   IF REX, CARD READER AND/OR DOOR MANAGEMENT ALARM ARE LOCATED ON/IN THE DOOR FRAME ASSEMBLY, RUN CONDUIT(S) TO THE DOOR FRAME ASSEMBLY LOCATIONS AS REQUIRED.
7. THE WIRELESS ADA DOOR OPERATOR BUTTON APPLICATION REQUIRES A MINIMUM OF ONE HARD-WIRED BUTTON INTO THE DOOR OPERATOR AND MUST BE EQUIPPED WITH A DOUBLE-PULL, DOUBLE-THROW RELAY OR A DUAL CHANNEL RECEIVER FOR CONTROL BY 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 ITS JUNCTION BOX TO THE CONTACT, REX, STRIKE, OR HANDLE MUST BE PRE-APPROVED BY THE STANFORD FACILITY ENGINEER.