GENERAL NOTE:
1. Door components and other support structures (conduit and boxes) shown in dotted line can be installed without installation of the access control system.

ELECTRICAL SUBCONTRACTOR RESPONSIBILITIES:
2. INSTALL 16” W X 12” H X 4” D SECURITY JUNCTION BOX: HOFFMAN, TYPE 1 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 THE DOOR (WITHIN 5 RADIAL FEET, BUT NOT TO EXCEED 25 RADIAL FEET). THE SECURITY JUNCTION BOX SHALL BE READILY ACCESSIBLE SO THAT FUTURE MAINTENANCE WORK CAN BE PERFORMED IN A SAFE MANNER.
3. INSTALL 2” X 4” X 1-1/2” D SINGLE-GANG OUTLET BOX FOR REQUEST-TO-EXIT (REX) MOTION SENSOR. MOUNT ON SECURE SIDE OF DOOR ABOVE DOOR FRAME.
4. 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.
5. INSTALL 4” X 4” X 2-1/8” D OCTAGON BOX FOR DOOR MANAGEMENT ALARM. MOUNT ON SECURE SIDE OF DOOR AT 48” AFF.
6. INSTALL 4” X 2-1/8” D OCTAGON BOX FOR CAMERA IN CEILING OR WALL LOCATION AS SPECIFIED BY THE ARCHITECT.
7. 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 (REX, STRIKE, OR HANDLE 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.
8. USE OF FLEX CONDUIT, FROM ITS JUNCTION BOX TO CONTACT, STRIKE, OR HANDLE CONTACT.

NOTE:
1. If 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 of a 2-channel receiver for control by the access control system.
2. DO NOT EXCEED MORE THAN 2 90-Degree bends in a conduit run or more than 180 degrees total. If exceeded, install intermediate pull boxes.
3. USE OF FLEX CONDUIT FROM ITS JUNCTION BOX TO THE CONTACT, STRIKE, OR HANDLE CONTACT MUST BE APPROVED BY THE LOCAL JURISDICTION.