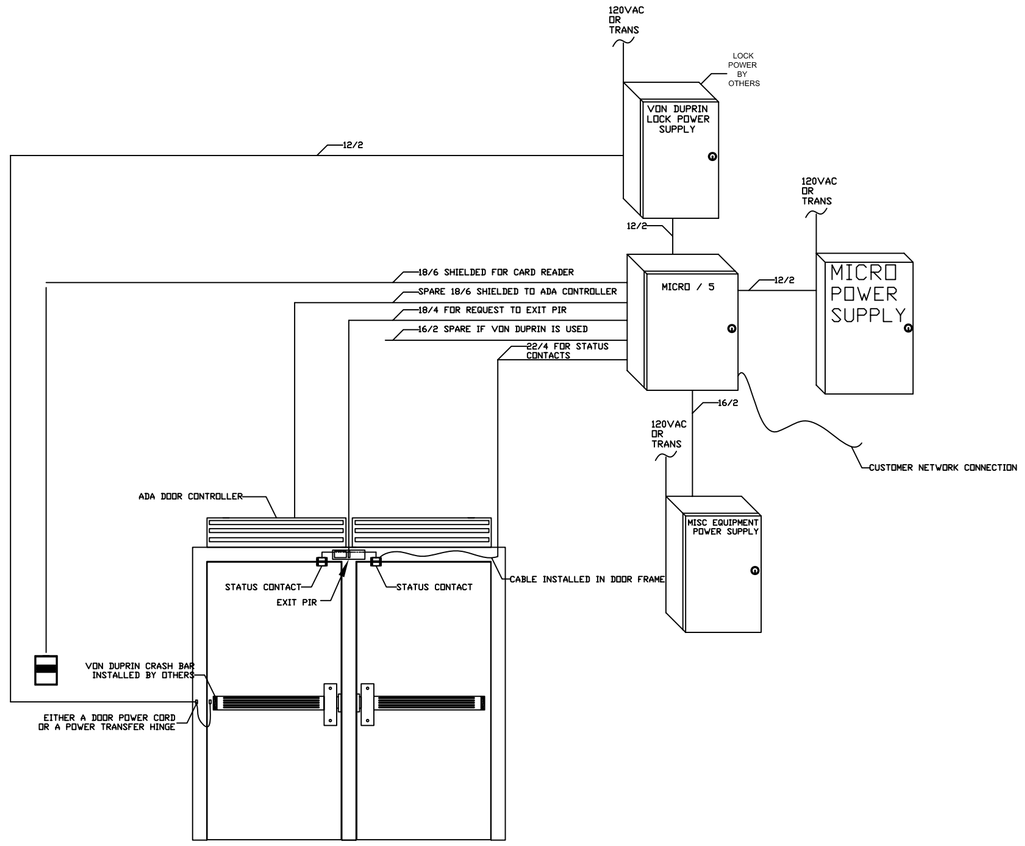
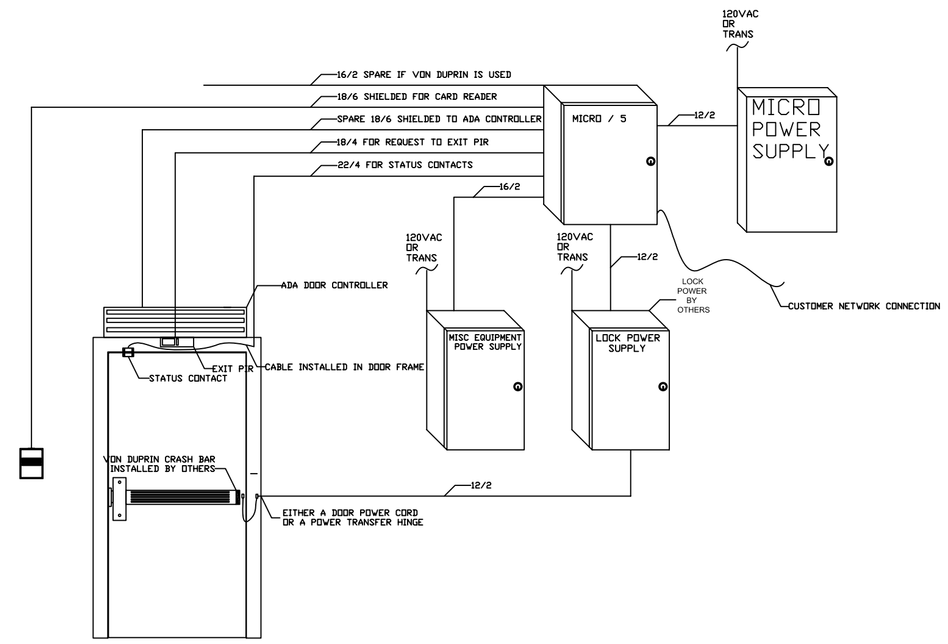
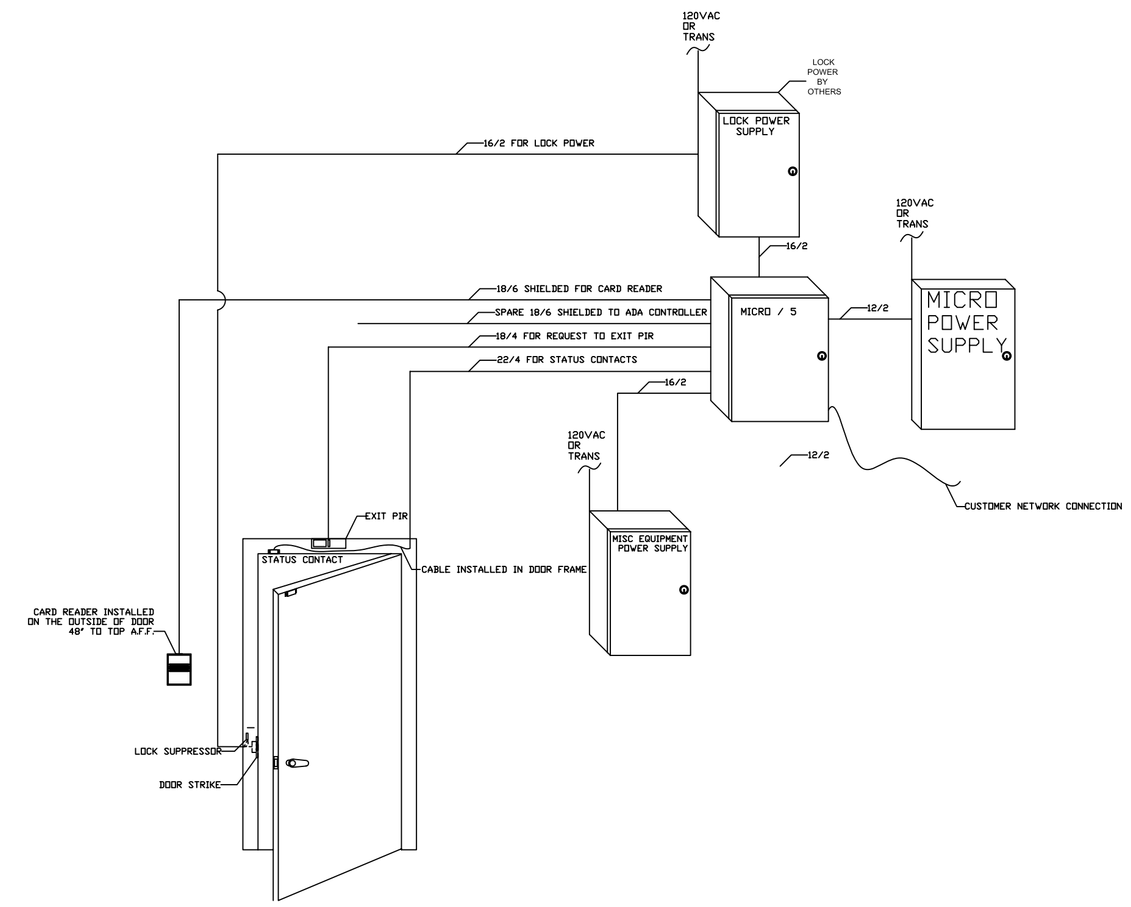


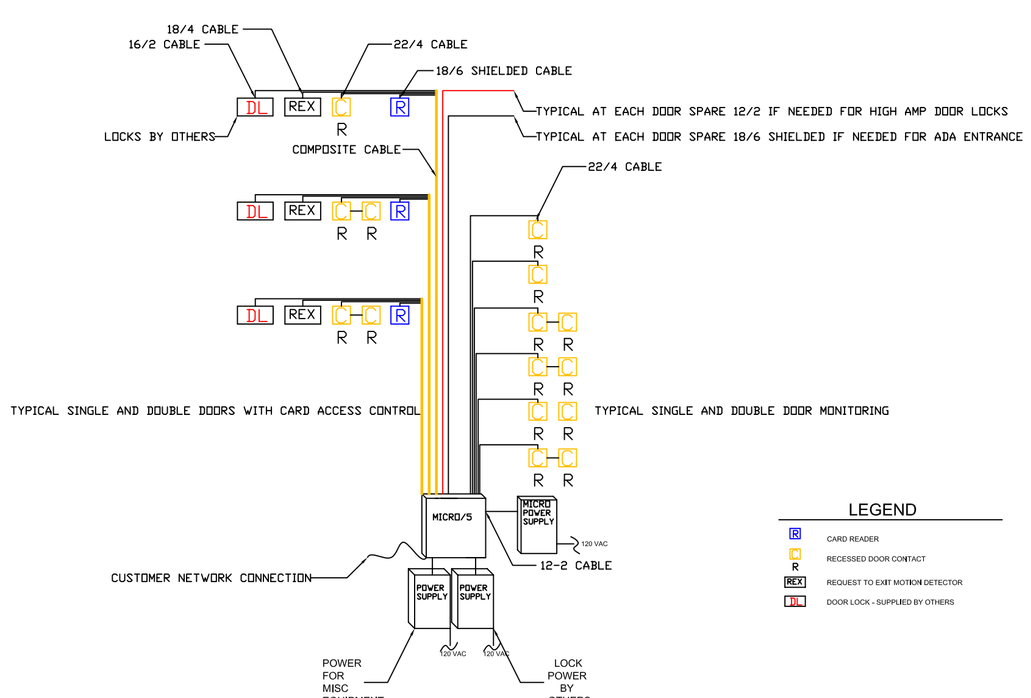
G DOUBLE ADA CONTROLLERS WITH VON DUPRIN CRASH BAR TYPICAL



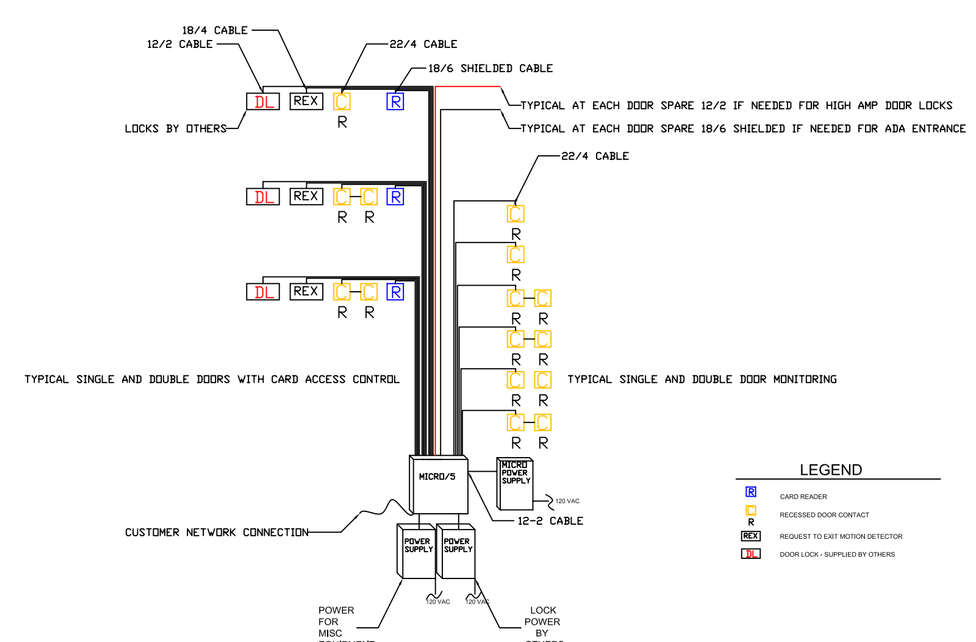
H SINGLE ADA CONTROLLER WITH VON DUPRIN CRASH BAR TYPICAL



I SINGLE DOOR WITH DOOR STRIKE TYPICAL



J ACCESS SYSTEM TYPICAL WITH COMPOSITE CABLE



K ACCESS SYSTEM TYPICAL WITH SINGLE CABLES

ACCESS SYSTEM DOOR HARDWARE NOTE: The doors electrified hardware that is supplied by others shall be 24vdc door strikes or Von Duprin electrified crash bars with the recommended power supply. The doors shall have the tube style transfer hinge. There will be no maglocks used on any door.

NOTES: The electrical contractor shall supply a tagged 120vac 20 amp circuit installed at all the locations where the access control equipment is installed. The circuit should be placed in a 4" square box with blank cover. The ADT technician will make the necessary power connections to the access control equipment. If the power supply for the door locks (door strikes or electrified crash bars) is installed at a remote location, example above the door in the drop ceiling, it will also be necessary to have another tagged 120vac 20 amp circuit installed at that location. Otherwise if the lock power supplies are installed with the main control equipment the electrical contractor will supply two 120vac 20 amp circuits at that location.

The electrical contractor shall install all of the access system cables to the doors from the control panels in two 3/4" conduits.The access system cables are to be located at the doors as shown on the typical drawings. Within the composite cable there are four cables; the 18ga 6 conductor shielded cable will be installed where the card reader is going to be located. The 16ga 2 conductor cable is to be installed either to the to door loop power cable or transfer hinge whichever is used to make the connection to the electric lock. If the locking device is a Von Duprin electrified crash bar it will require that an additional 12ga 2 conductor cable be installed to the crash bar and must be inside the door frame. This cable is not part of the composite cable and shall be installed from the lock power supply location to the transfer hinge. The 18ga 4 conductor shall be installed at the location where the request to exit motion detector is going to be placed. The 22ga 4 conductor cable is to be installed inside the door frame and located in the top portion where the door contacts are shown. There will be a spare18ga 6 conductor shielded cable installed and terminated either coiled above the drop ceiling or placed in the automatic door controller for ADA doors.

ADT SECURITY SERVICES
70 HILLSIDE DRIVE
SUITE 200
DRUMS, PA 18222
570-788-3933 PHONE
570-708-8291 FAX

tyco/Fire & Security

DRAWN BY: B KISHBAUGH

SCALE: NONE

DATE: 08-26-2007

SIZE: OVERSIZE ANSI D

NOTES:
FOLLOW ALL OF THE MANUFACTURERS RECOMMENDATIONS FOR THE PROPER INSTALLATION OF THESE SYSTEMS
THERE ARE ALSO BUILDING AND LIFE SAFETY CODES THAT HAVE TO BE FOLLOWED

DOOR CABLES TYPICAL

REV.
REV.
REV.
REV.

ACCESS SYSTEM DRAWING

BLOOMSBURG UNIVERSITY

BLOOMSBURG, PA