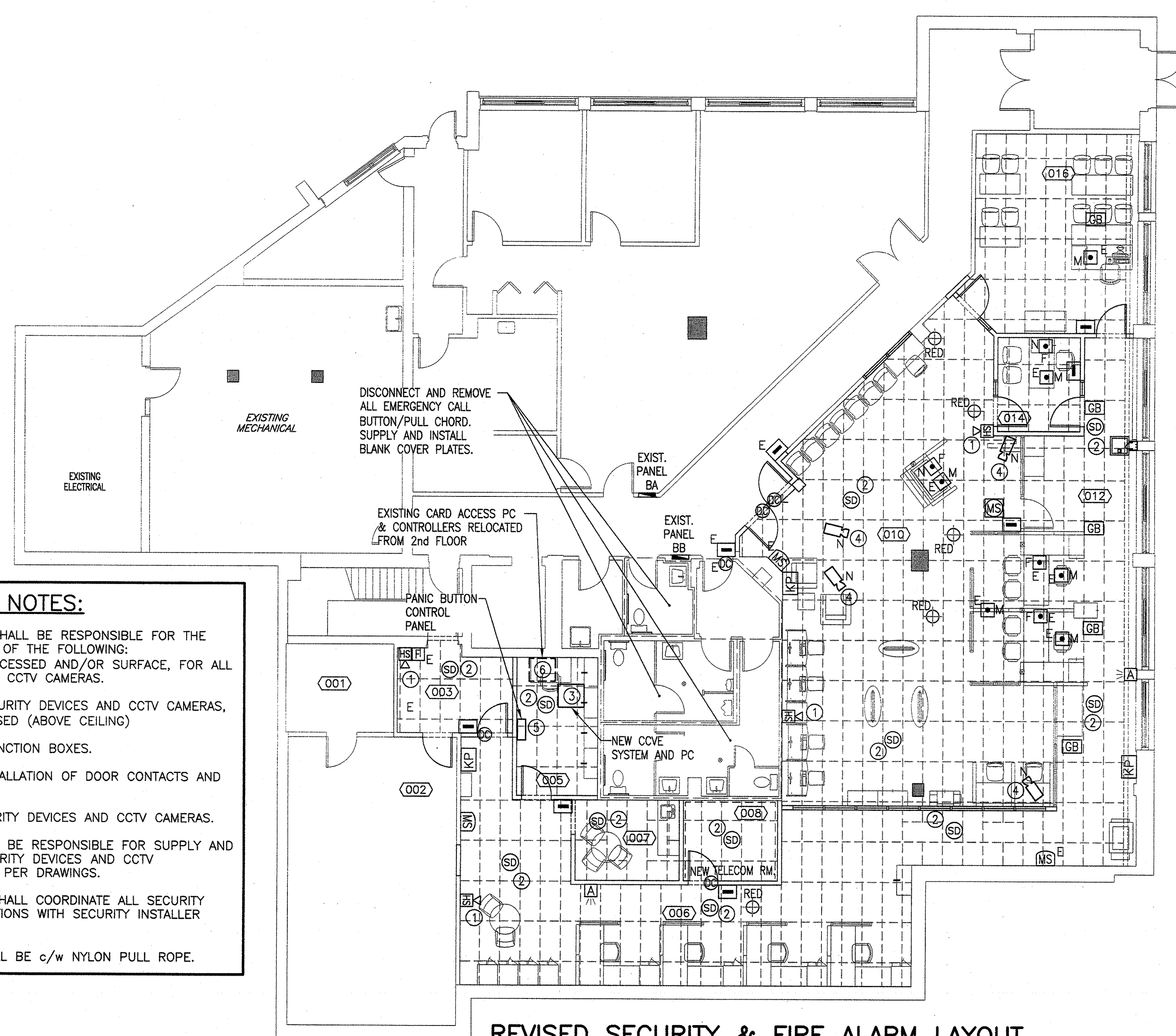


EXISTING SECURITY & FIRE ALARM LAYOUT

SCALE : 1:100

#### SECURITY SYSTEM NOTES:

1. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF THE FOLLOWING:
  - ALL DEVICE BOXES, RECESSED AND/OR SURFACE, FOR ALL SECURITY DEVICES AND CCTV CAMERAS.
  - ALL CONDUIT FOR SECURITY DEVICES AND CCTV CAMERAS, CONCEALED AND EXPOSED (ABOVE CEILING)
  - ALL ABOVE CEILING JUNCTION BOXES.
  - PREPARATION FOR INSTALLATION OF DOOR CONTACTS AND ELECTRIC STRIKES.
  - WIRING FOR ALL SECURITY DEVICES AND CCTV CAMERAS.
2. SECURITY INSTALLER SHALL BE RESPONSIBLE FOR SUPPLY AND INSTALLATION OF ALL SECURITY DEVICES AND CCTV CAMERAS AND CABLES AS PER DRAWINGS.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL SECURITY DEVICE AND CAMERA LOCATIONS WITH SECURITY INSTALLER PRIOR TO ROUGH-IN.
4. ALL EMPTY CONDUITS SHALL BE c/w NYLON PULL ROPE.



REVISED SECURITY & FIRE ALARM LAYOUT

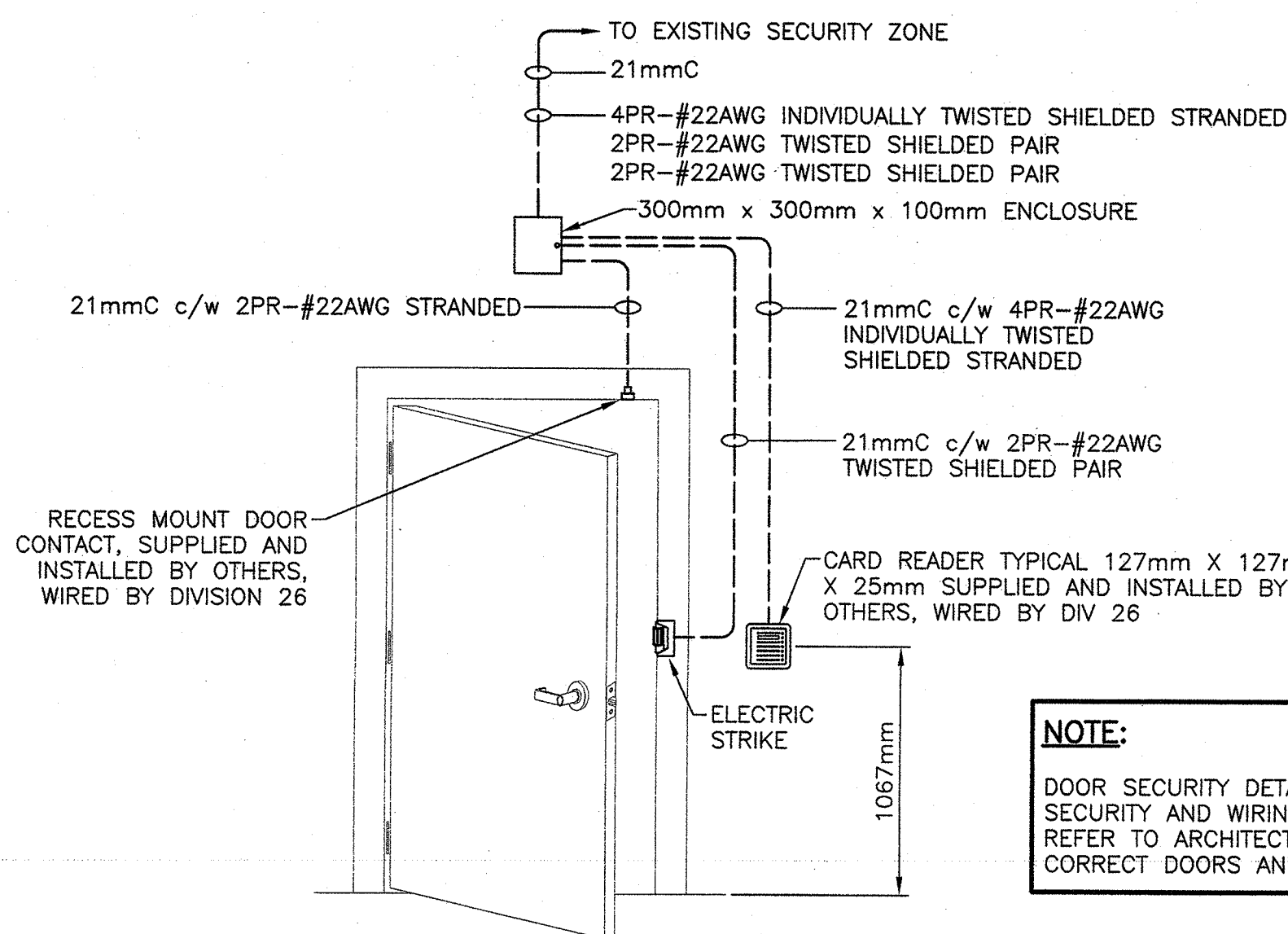
SCALE : 1:100

#### SECURITY LEGEND - NEW

- SECURITY HARDWARE - AUDIBLE ENTRY ALERT, SUPPLIED AND INSTALLED BY OTHERS WIRED BY DIV. 26. ENTRY ALERT TO SOUND WHEN NEW ENTRY DOOR IS OPENED. INSTALL CONDUIT/WIRING TO NEW AUDIBLE ALERT. SEE FLOOR PLANS FOR LOCATION.
- Ⓜ SECURITY HARDWARE - WALL MOUNTED AUDIBLE ALERT, SUPPLIED AND INSTALLED BY OTHERS WIRED BY DIV. 26. AUDIBLE ALERT TO SOUND WHEN NEW ENTRY ALERT AT FRONT DOOR IS ACTIVATED.
- Ⓡ SECURITY HARDWARE - CEILING MOUNTED 'RED' NON-FLASHING VISUAL ALERT LIGHT, SUPPLIED AND INSTALLED BY OTHERS WIRED BY DIV. 26. INSTALL CONDUIT/WIRING TO WIRELESS PANIC BUTTON CONTROL INTERFACE LOCATED IN 1st FLOOR LAN ROOM.
- Ⓢ DOOR / SECURITY HARDWARE - NEW SECURITY CARD ACCESS READER c/w ELECTRIC DOOR STRIKE, SUPPLIED AND INSTALLED BY OTHERS, WIRED BY DIV. 26. SEE TYPICAL DETAIL 1, DRAWING E3.
- Ⓚ DOOR / SECURITY HARDWARE - NEW SECURITY KEYPAD TO ARM/DISARM ALARM AND DISPLAY WHICH PANIC BUTTON HAS BEEN TRIGGERED. SUPPLIED AND INSTALLED BY OTHERS, WIRED BY DIV. 26. EXTEND CONDUIT/WIRING TO EXISTING SECURITY ZONE. SEE TYPICAL DETAIL 2, DRAWING E3.
- Ⓛ DOOR / SECURITY HARDWARE - RECESS MOUNT DOOR CONTACT, SUPPLIED AND INSTALLED BY OTHERS, WIRED BY DIV. 26. EXTEND CONDUIT/WIRING TO EXISTING SECURITY ZONE. SEE TYPICAL DETAIL 1 & 2, DRAWING E3.
- Ⓜ SECURITY HARDWARE - NEW SECURITY MOTION SENSOR, WALL MOUNTED, 180° COVERAGE, SUPPLIED AND INSTALLED BY OTHERS, WIRED BY DIV. 26.
- Ⓢ SECURITY HARDWARE - NEW SECURITY MOTION SENSOR, CEILING MOUNTED, 360° COVERAGE, SUPPLIED AND INSTALLED BY OTHERS, WIRED BY DIV. 26. EXTEND CONDUIT/WIRING TO EXISTING SECURITY ZONE.
- Ⓛ SECURITY HARDWARE - NEW GLASS BREAK SENSOR, SUPPLIED AND INSTALLED BY OTHERS, WIRED BY DIV. 26. EXTEND CONDUIT/WIRING TO EXISTING SECURITY ZONE.
- Ⓜ INTERIOR COLOR CCTV CAMERA SUPPLIED, INSTALLED AND WIRED BY OTHERS. DIVISION 26 SHALL SUPPLY AND INSTALL DEVICE BOXES AND CONDUIT AT NEW CAMERA LOCATIONS. SUPPLY AND INSTALL NEW CONDUIT TO RELOCATED CLOSED CIRCUIT VIDEO EQUIPMENT (CCVE).
- Ⓜ SECURITY HARDWARE - EXISTING WIRELESS FIXED (F) PANIC BUTTON, SUPPLIED AND INSTALLED AND SETUP BY SECURITY INSTALLER. MOUNTING TO BE DETERMINED BY SECURITY INSTALLER. TO BE RELOCATED FROM EXISTING CSO DESKS TO NEW CSO DESKS.
- Ⓜ SECURITY HARDWARE - NEW WIRELESS FIXED (F) PANIC BUTTON, SUPPLIED AND INSTALLED AND SETUP BY SECURITY INSTALLER. MOUNTING TO BE DETERMINED BY SECURITY INSTALLER.
- Ⓜ SECURITY HARDWARE - EXISTING WIRELESS MOBILE (M) PANIC BUTTON, SUPPLIED AND SETUP BY SECURITY INSTALLER. TO BE RE-USED FROM 2nd FLOOR BUT RE-ASSIGNED TO LOCATIONS AS PER ZONING INSTRUCTIONS.

#### FIRE ALARM LEGEND - NEW

- Ⓜ ADDRESSABLE FIRE ALARM HORN/STROBE LIGHT MOUNTED 2290mm A.F.F. HORN: 100dB AT 1 METER/90dB AT 10 FT. STROBE LIGHT: FLASH RATE 60 FPM, RED LENS, 21 CD. DEVICE TO BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM AND MATCH EXISTING FIRE ALARM DEVICES. SUPPLIED, INSTALLED AND WIRED BY DIV. 26. EXTEND WIRING TO NEAREST FIRE ALARM ZONE.
- Ⓜ ADDRESSABLE FIRE ALARM PHOTOELECTRIC SMOKE DETECTOR, CEILING MOUNTED. DEVICE TO BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM AND MATCH EXISTING FIRE ALARM DEVICES. SUPPLIED, INSTALLED AND WIRED BY DIV. 26. EXTEND WIRING TO NEAREST FIRE ALARM ZONE.



TYPICAL ACCESS CONTROL FOR  
CARD READER AND DOOR CONTACT

SCALE : N.T.S.

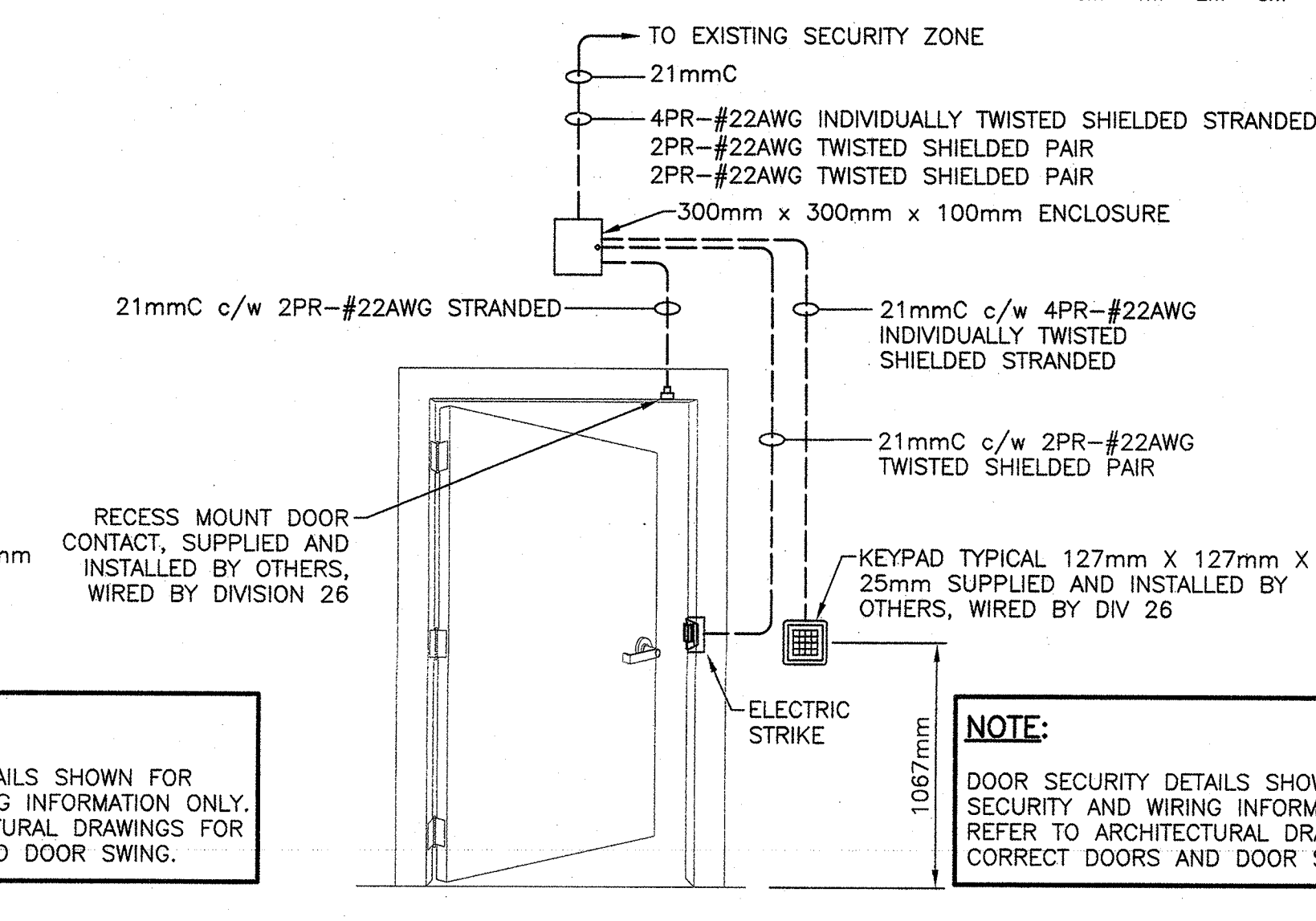
NOTE: ELECTRICAL CONTRACTOR TO CONFIRM WIRING REQUIREMENTS WITH SECURITY DEVICE INSTALLER.

#### FIRE ALARM LEGEND - EXISTING

- Ⓜ EXISTING FIRE ALARM MANUAL PULL STATION
- Ⓜ EXISTING FIRE ALARM BELL
- Ⓜ EXISTING CCTV CAMERA TO BE REMOVED
- Ⓜ EXISTING AUDIBLE/VISIBLE ALARM TO BE REMOVED
- Ⓜ EXISTING AUDIBLE/VISIBLE ALARM TO BE REMOVED
- Ⓜ EXISTING CARD READERS

#### ANNOTATION

- 'R' LETTER INDICATES DEVICE TO BE REMOVED.
- 'E' LETTER INDICATES DEVICE IS EXISTING TO REMAIN.
- 'N' LETTER INDICATES DEVICE IS NEW.



TYPICAL ACCESS CONTROL FOR  
KEYPAD AND DOOR CONTACT

SCALE : N.T.S.

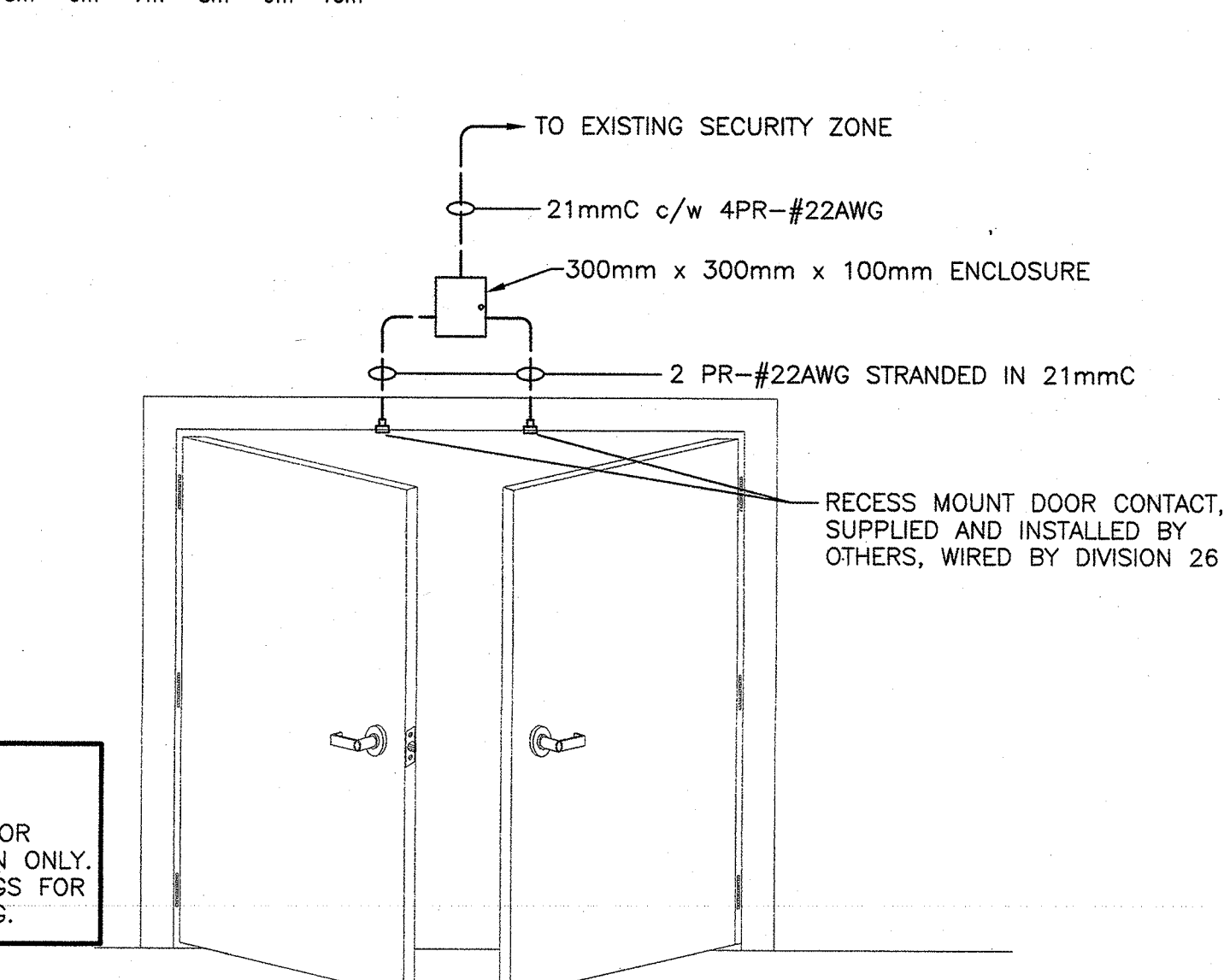
NOTE: ELECTRICAL CONTRACTOR TO CONFIRM WIRING REQUIREMENTS WITH SECURITY DEVICE INSTALLER.

#### ELECTRICAL NOTES

1. NEW FIRE ALARM HORN/STROBE DEVICES SHALL MATCH THE EXISTING FIRE ALARM SYSTEM. FIRE ALARM HORN/STROBE DEVICES ARE REPLACING THE EXISTING FIRE ALARM BELLS. CONNECT HORN/STROBE DEVICES TO EXISTING ZONE WITH NEW FIRE ALARM WIRING. CONTRACTOR TO VERIFY DEVICES, WIRING AND CAPABILITIES OF EXISTING F.A. PANEL NEEDED TO MAKE THE NEW DEVICES FULLY FUNCTIONAL.
2. NEW FIRE ALARM SMOKE DETECTOR SHALL MATCH THE EXISTING FIRE ALARM SYSTEM. CONTRACTOR TO PROVIDE WIRES, CONDUIT AND MODULES AS REQUIRED TO CONNECT NEW FIRE ALARM SMOKE DETECTORS TO EXISTING FIRE ALARM SYSTEM AS A NEW ZONE.
3. MINIMUM AUDIBILITY LEVELS FOR THE FIRE ALARM SYSTEM MUST BE MET WITH THIS INSTALLATION. CONTRACTOR SHOULD COMPLETE AUDIBILITY TESTING AS PART OF THE SYSTEM VERIFICATION.

#### REMOVAL NOTES

1. DISCONNECT AND REMOVE EXISTING SECURITY DEVICES. REMOVE WIRING BACK TO NEAREST JUNCTION BOX OR CONTROL PANEL/INTERFACE.
2. DISCONNECT AND REMOVE EXISTING FIRE ALARM BELL. BELL TO BE REPLACED WITH HORN/STROBE DEVICE



TYPICAL ACCESS CONTROL FOR  
DOOR CONTACTS

SCALE : N.T.S.

NOTE: ELECTRICAL CONTRACTOR TO CONFIRM WIRING REQUIREMENTS WITH SECURITY DEVICE INSTALLER.

#### DRAWING NOTES

1. SUPPLY AND INSTALL NEW FIRE ALARM HORN/STROBE DEVICE. INSTALL NEW CONDUIT, WIRING AND MODULES TO CONNECT DEVICE TO FIRE ALARM SYSTEM. FIRE ALARM HORN/STROBE DEVICE TO MATCH EXISTING FIRE ALARM SYSTEM MANUFACTURER. SEE "ELECTRICAL NOTE" 1.
2. SUPPLY AND INSTALL NEW FIRE ALARM SMOKE DETECTOR. INSTALL NEW CONDUIT, WIRE AND MODULES TO CONNECT DEVICE TO FIRE ALARM SYSTEM. FIRE ALARM SMOKE DETECTOR DEVICE TO MATCH EXISTING FIRE ALARM SYSTEM MANUFACTURER. SEE "ELECTRICAL NOTE" 2.
3. COORDINATE LOCATION OF CLOSED CIRCUIT VIDEO EQUIPMENT (CCVE) IN ROOM 005 WITH ESDC.
4. SUPPLY AND INSTALL 100mm x 100mm JUNCTION BOX. SUPPLY AND INSTALL 16mm CONDUIT FROM JUNCTION BOX TO CAMERA SURVEILLANCE EQUIPMENT IN STORAGE ROOM. LEAVE PULL WIRE IN EMPTY CONDUIT AND SUPPLY COVERPLATE. INSTALLATION OF CAMERAS AND CABLES SHALL BE BY CAMERA INSTALLER. RE-USE EXISTING CABLE AS MUCH AS POSSIBLE.
5. CONTROL PANEL FOR WIRELESS PANIC BUTTONS LOCATED IN ROOM 005. ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIT/WIRING FROM CONTROL PANEL TO RED VISUAL ALERT LIGHTS ON BASEMENT FLOOR. CONTRACTOR TO VERIFY CONTROL PANEL LOCATION ON SITE WITH SECURITY INSTALLER.
6. COORDINATE LOCATION OF CARD ACCESS EQUIPMENT IN ROOM 005 WITH ESDC.

0 ISSUED FOR TENDER JULY 30 2014

revisions date

project

RENOVATIONS TO  
SERVICE CANADA  
ESDC/EDSC  
680 MAIN ST.  
WOODSTOCK, NB

drawing design

EXISTING AND REVISED  
FIRE ALARM AND  
SECURITY LAYOUT,  
NOTES AND LEGEND

designed K. WOLFE conçu

date APRIL 2014

drawn K. WOLFE dessiné

date APRIL 2014

approved [Signature] approuvé [Signature]

Tender B.D. LeBlanc 2014-02-11

PWSC Project Manager Administrateur de projets TPSC

project number no. du projet

R.072336.001

drawing no. no. du dessin

E3