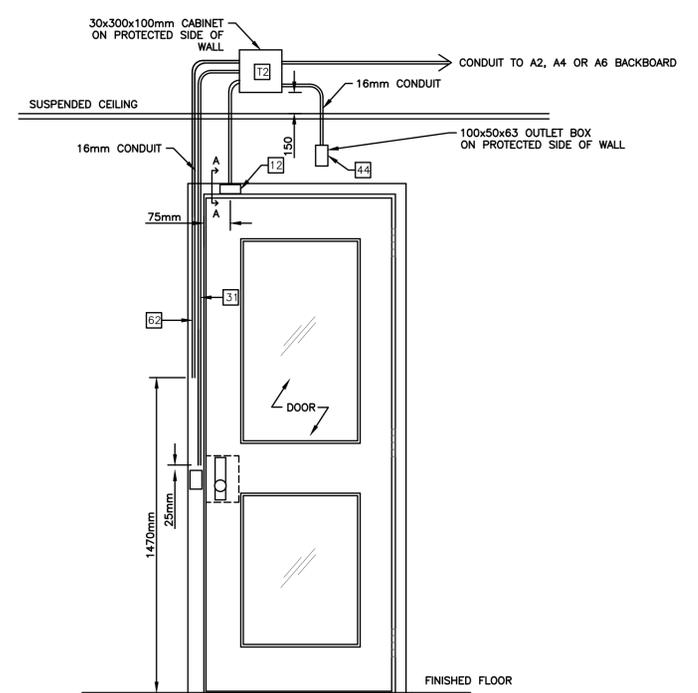


1 SECURITY SINGLE DOOR WITH WALL MOUNT READER DETAIL  
E3.3 SCALE NTS



3 SECURITY SINGLE DOOR WITH FRAME MOUNT READER DETAIL  
E3.3 SCALE NTS

**SECURITY DETAIL GENERAL NOTES:**

CONDUITS SHALL BE SIZED ACCORDING TO THE NUMBER OF CABLES IN CONDUIT. MINIMUM SIZE IS 16mm. MAXIMUM CONDUIT FILL IS 50%.

UNLESS SPECIFIED OTHERWISE, ALL JUNCTION BOXES (J3, J7, ETC.) SHALL BE SIZED ACCORDING TO THE NUMBER OF CONDUITS THEY MUST ACCOMMODATE.

UNLESS NOTED OTHERWISE, ALL CABLES TO THE 'T' TYPE CABINET, SHALL HAVE NO LESS THAN 1220mm OF CABLE SLACK AT THE BACKBOARD.

UNLESS NOTED OTHERWISE, ALL CABLES TO THE X1 AND X2 CABINETS IN THE COMMUNICATIONS ROOMS SHALL HAVE NO LESS THAN 4500mm OF CABLE SLACK AT THE BACKBOARD.

UNLESS NOTED OTHERWISE, ALL CABLES IN A DEVICE OR OUTLET BOX SHALL HAVE NO LESS THAN 610mm OF CABLE SLACK AT THE DEVICE/OUTLET.

ALL CABLES IN A CABINET, SPLITTER TROUGH, DEVICE BOX, UTILITY BOX OR OUTLET BOX SHALL BE LABELED WITH PERMANENT, WRAP AROUND, SELF ADHESIVE LABELS EMPLOYING INDIVIDUAL CHARACTER. CHARACTERS SHALL BE MINIMUM 14 POINT, ARIAL FONT, BLACK ON WHITE BACKGROUND.

ALL CABLES SHALL BE TESTED BY THE ELECTRICAL CONTRACTOR FOR OPENS, GROUNDS AND SHORTS AND SHALL REPLACE ANY CABLES FOUND DEFECTIVE BY THE OWNER.

CONDUIT CONNECTOR SHALL BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.

OUTLET BOX SHALL BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR. CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED BY FRAME FABRICATOR.

DRILL 19mm HOLE AT 75mm (CENTRE POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

ABLOY EA281 LEAD COVER AND 16mm CONDUIT INSIDE THE DOOR TO BE PROVIDED AND INSTALLED BY DOOR FRAME FABRICATOR.

REMOVE AND REPLACE METAL LINEAR CEILING AS REQUIRED IN HALLWAY TO ACCESS LAN ROOM. REMOVE AND REPLACE CEILING TILE IN ADJACENT OFFICE SPACE AS REQUIRED TO INSTALL NEW CONDUITS IN CEILING SPACE. PERFORM THIS WORK BETWEEN THE HOURS OF 5:00PM AND 7:00AM OR ON WEEKENDS. COORDINATE WORK WITH BUILDING OWNER PRIOR TO ANY WORK IN ADJACENT SPACES TAKING PLACE.

- SECURITY SYSTEM PLAN KEY NOTE LEGEND:**
- A2 EXISTING PLYWOOD BACKBOARD IN ROOM 101.07.
  - J3 JUNCTION BOX - 200H x 200W x 100D. PROVIDE AND INSTALL ONE JUNCTION BOX 150mm ABOVE THE SUSPENDED CEILING. ENSURE JUNCTION BOX IS ACCESSIBLE. SUPPLY AND INSTALL CONDUIT, SIZED TO FIT CABLES, FROM THIS JUNCTION BOX TO ANOTHER J3 JUNCTION BOX IN THE AREA OR TO THE X2 IN ROOM 100.12 OR TO THE A2 BACKBOARD IN ROOM 101.07 (AS PER FLOOR PLANS).
  - T2 'T' CABINET. SUPPLY AND INSTALL ONE 305H x 305W x 100Dmm TYPE 1 TELEPHONE CABINET WITH WOOD BACK (SEL PRODUCTS TOPK012124WD) MOUNTED 150mm ABOVE SUSPENDED CEILING ON PROTECTED SIDE OF WALL. SUPPLY AND INSTALL CONDUIT, SIZED TO FIT CABLES, FROM THIS CABINET TO J3 IN THE AREA. SUPPLY AND INSTALL ONE PROVO 6708 CABLE AND ONE 4#18 LVT CABLE IN CONDUIT FROM THE T2 CABINET TO THE A2 IN ROOM 101.07 OR X2 IN ROOM 100.12 (AS PER FLOOR PLANS).
  - X2 EXISTING WOODEN CABINET IN ROOM 100.12, LOCATED IN THE SOUTHEAST CORNER TO REMAIN. COORDINATE ACCESS TO ROOM WITH DEPARTMENTAL REPRESENTATIVE.
  - X3 EXISTING 450H x 450W x 150Dmm JUNCTION BOX LOCATED BELOW THE RAISED FLOOR IN ROOM 102.03 TO REMAIN. EXISTING CABLES AND BIX IN BOX ARE NOT TO BE DISTURBED.
  - X4 SUPPLY AND INSTALL ONE 450H x 450W x 150Dmm JUNCTION BOX BELOW THE RAISED FLOOR. RUN ONE 41mm CONDUIT, C/W PULLWIRE, FROM JUNCTION BOX TO THE X3 JUNCTION BOX.
  - 12 SQUARE OUTLET BOX. SUPPLY AND HAVE THE DOOR-FRAME FABRICATOR SPOT WELD ONE 100H x 100W x 40Dmm OUTLET BOX ON TOP OF THE FRAME, REFER TO SECTION A. DRILL A 19mm HOLE, 75mm FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO FRAME MOUNTED OUTLET BOX. SUPPLY A 4PR CAT3 TELEPHONE CABLE FROM THE DOOR FRAME TO THE T2 CABINET, IN CONDUIT, LEAVING 305mm OF CABLE IN THE OUTLET BOX AND 1000mm IN THE T2 CABINET. THE CABLE SLACK IN THE OUTLET BOX IN THE DOOR FRAME SHALL BE TUCKED INTO THE OUTLET BOX TO PROTECT THE CABLE FROM DAMAGE.
  - 31 SUPPLY AND INSTALL CONDUIT FROM A POINT 25mm ABOVE THE STRIKE PLATE INSIDE THE DOOR FRAME TO A T2 CABINET IN THE AREA AS PER DETAIL. SUPPLY, INSTALL AND LABEL ONE 4PAIR CAT. 3 TELEPHONE CABLE IN THE CONDUIT FROM THE FRAME TO THE T2 CABINET. LEAVING 610mm OF CABLE SLACK INSIDE THE DOOR FRAME.
  - 33 SUPPLY AND INSTALL CONDUIT FROM A POINT 450mm A.F.F. ON THE HINGE SIDE OF THE DOOR FRAME TO A T2 CABINET IN THE AREA. SUPPLY A 4PR CAT3 TELEPHONE CABLE FROM THE DOOR FRAME TO THE T2 CABINET, IN CONDUIT, LEAVING 610mm OF CABLE SLACK INSIDE THE DOOR FRAME.
  - 44 SUPPLY AND INSTALL ONE 100H x 50W x 63Dmm SINGLE GANG BOX C/W BLANK COVER PLATE. CENTRED 100mm ABOVE THE TOP OF THE DOOR FRAME ON THE PROTECTED SIDE OF THE WALL AS PER DETAIL. SUPPLY AND INSTALL ONE 4PR CAT3 TELEPHONE CABLE FROM THE BOX TO THE T2 CABINET.
  - 61 DEVICE BOX. SUPPLY AND INSTALL ONE RECESSED 100H x 50W x 63Dmm SINGLE GANG DEVICE BOX C/W BLANK COVER PLATE CENTERED 1300mm A.F.F. SUPPLY AND INSTALL ONE PROVO 6708 CABLE IN CONDUIT TO THE T2 CABINET.
  - 62 INSTALL CONDUIT FROM A POINT 1300mm A.F.F. INSIDE THE DOOR FRAME TO A T2 CABINET IN THE AREA. INSTALL A ONE PROVO 6708 CABLE FROM THE DOOR FRAME TO THE T2 CABINET. LEAVING 610mm OF CABLE INSIDE THE DOOR FRAME.
  - 80 CCVE MONITOR DEVICE BOX. SUPPLY AND INSTALL ONE RECESSED 100H x 50W x 63Dmm SINGLE GANG DEVICE BOX C/W BLANK COVER PLATE MOUNTED 300mm BELOW SUSPENDED CEILING. SUPPLY AND INSTALL ONE 120V, EMERGENCY POWER, SEPARATE CIRCUIT, DUPLEX RECEPTACLE, MOUNTED 305mm BELOW SUSPENDED CEILING AND 100mm TO THE LEFT OF THE CCVE MOUNTING DEVICE BOX.
  - 81 SUPPLY AND INSTALL ONE RECESSED 4" OCTAGON OUTLET BOX X/W BLANK COVER PLATE IN CEILING SPACE, 305mm ABOVE CEILING. SUPPLY AND INSTALL ONE PROVO5911 CO-AX VIDEO CABLE AND ONE 4#18 LVT CABLE IN CONDUIT FROM THE OUTLET BOX TO THE CCVE MONITOR DEVICE BOX.
  - 93 INTERCOM STATION BOX. SUPPLY AND INSTALL ONE SURFACE MOUNTED 100H x 50W x 63Dmm SINGLE GANG DEVICE BOX C/W BLANK COVER PLATE CENTERED 1500mm A.F.F. SUPPLY, INSTALL AND LABEL TWO PROVO 6708 CABLE IN CONDUIT FROM THE DEVICE BOX TO RECEPTION DESK.
  - 94 SUPPLY AND INSTALL ONE 100H x 100W x 40Dmm OUTLET BOX C/W BLANK COVER PLATE UNDER THE RAISED FLOOR.
  - 95 DEVICE BOX FOR INTERCOM SUB-MASTER. SUPPLY AND INSTALL ONE 100H x 100W x 40Dmm OUTLET BOX C/W BLANK COVER PLATE UNDER THE RAISED FLOOR. SUPPLY, INSTALL AND LABEL TWO PROVO 6708 CABLES IN CONDUIT FROM DEVICE BOX TO THE INTERCOM MASTER DEVICE BOX.

revisions	description	date

Client		
<b>R.050172.002 FOR PWGSC</b>		
project title		
<b>OFFICE RENOVATIONS</b>		
<b>REGINA, SASKATCHEWAN</b>		
approved by		
designed by PLJ		
drawn by PLJ		
PWGSC Project Manager MJ		
PWGSC, Architectural and Engineering Resources Manager KD		
Client KL		
drawing title		
<b>SECURITY DETAILS</b>		
project no.	sheet	revision no.
R.050172.001	E3.3	

