The following change(s) to the tender documents are effective immediately, and will form part of the contract documents:

1. GENERAL

1.1	The Bidding Documents are amended as noted in this Addendum, which consists of 2 pages.
1.2	This Addendum is issued prior to bid closing to incorporate revisions noted herein. Include in the Bid price all such revisions which will become part of the Work. Perform all such Work in accordance with the Contract Documents.
1.3	All affected drawings, schedules and panel changes shall be reflected in final as-built and manual submissions.

2. CHANGES TO PREVIOUS ADDENDA

2.1	N/A

3. CLARIFICATIONS

3.1	N/A

4. SPECIFICATIONS

4.1.	
4.2.	
4.3.	**<u>Refer to Appendix 2 Hardware Schedule</u>** Add following items to Hardware Group 2 (Door D101A): -SDS-55DU-630 electric strike -BPS24-1 power supply -card reader by others

5. DRAWINGS

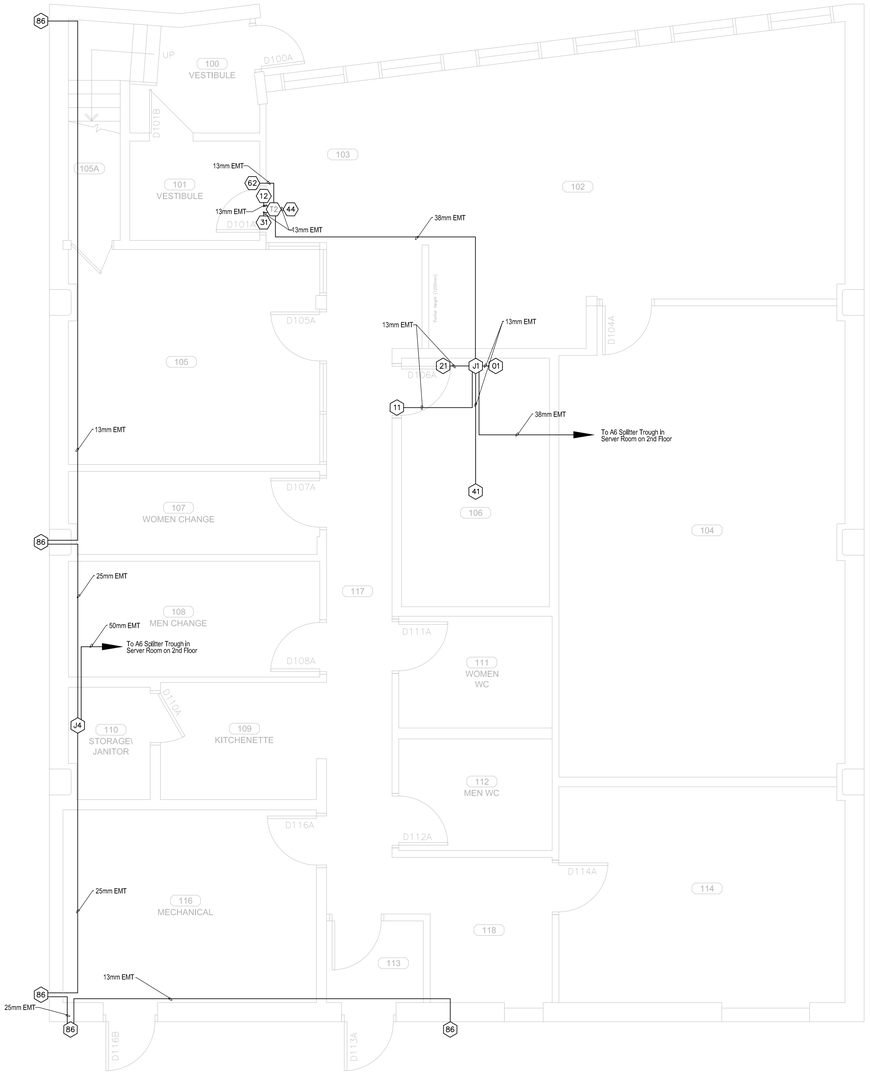
5.1.	**Reference: E3-1 First Floor Electrical PTSS** 1. Rough-in installation of intrusion alarm (PTSS) system on first floor to be as per drawing E3-1 and attached RCMP provided installation specifications ("PTSS Conduit & Cabling Specifications as of 2015-06-03"). 2. Refer to additional drawing E3-1. 3. Refer to additional specification PTSS Conduit & Cabling Specifications as of 2015-06-03.
5.2.	**Reference: E3-2 Second Floor Electrical PTSS** 1. Rough-in installation of intrusion alarm (PTSS) system on second floor to be as per drawing E3-2 and attached RCMP provided installation specifications ("PTSS Conduit & Cabling Specifications as of 2015-06-03"). 2. Refer to additional drawing E3-2. 3. Refer to additional specification PTSS Conduit & Cabling Specifications as of 2015-06-03.

6. ATTACHMENTS

6.1	Drawings: E3-1 E3-2 Specifications: PTSS Conduit & Cabling Specifications as of 2015-06-03

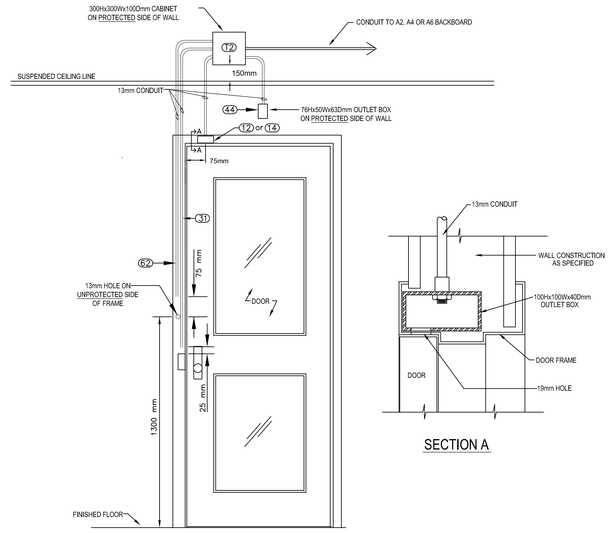
End of Addendum No.2.

EMT=CONDUIT



1 E1.1 PTSS-MAIN FLOOR
1/4"=1'-0"

DETAIL DRAWING
ACCESS CONTROL - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, FRAME MOUNTED READER AND ELECTRIC STRIKE



ELEVATION

SECTION A

NOTES :

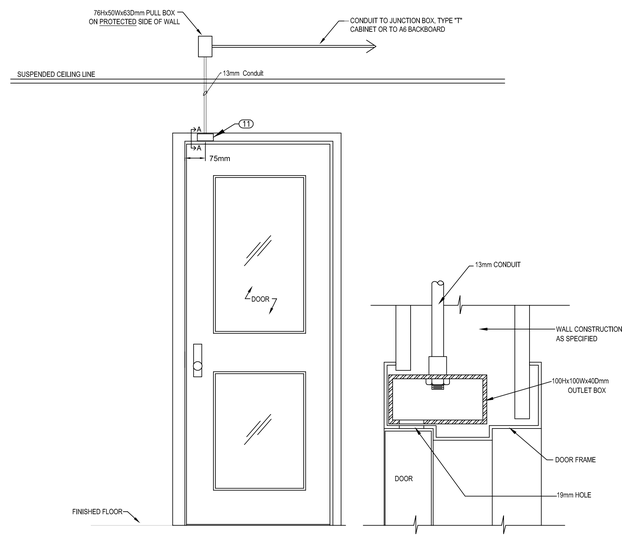
CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.

OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.

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

2 E1.1 DOOR D101A DETAIL
NTS

DETAIL DRAWING
PROTECTED DOOR - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT



ELEVATION

SECTION A

NOTES :

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

OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.

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

3 E1.1 DOOR D106A DETAIL
NTS

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region

Client / Client

Client / Client

CK A + ID
COUPLAND KRAEMER
ARCHITECTURE + INTERIOR DESIGN Inc.
101, 4632 1ST SE, CALGARY, AB, CANADA, T2G 2L3
TEL. 403.269.7109
FAX. 403.269.7595

WSP
203 WELLMAN CRESCENT
SASKATOON SASKATCHEWAN CANADA S7T 0J1
TEL.: 306-665-6223 | FAX: 306-665-8589 | WWW.WSPGROUP.COM

PROFESSIONAL ENGINEER
B.K. BERGLOF
MEMBER 5369
SASKATCHEWAN

Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
WSP CANADA INC.
Number C0588
Permission to Consult held by:
Signature / Sig. No. / Signature

REVISIONS	DESCRIPTION	DATE
A	ISSUED FOR ADDENDUM	08/06/15

A detail number / number du detail
B source drawing no. / de dessin no.
C detail on drawing no. / detail sur dessin no.

project title / titre du projet
RCMP ESTEVAN TENANT FIT-UP

1320 4TH STREET ESTEVAN, SASKATCHEWAN

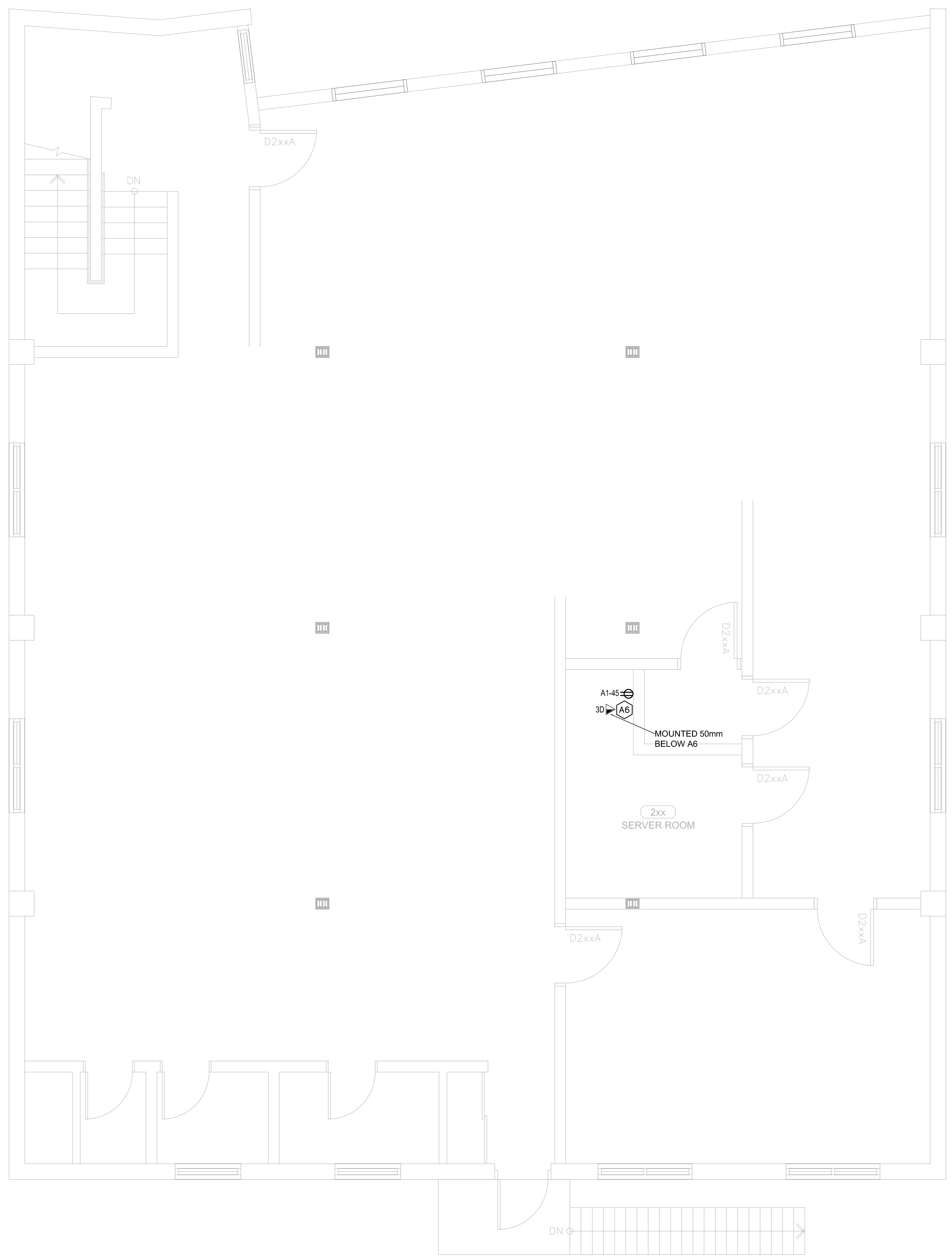
drawing title / titre du dessin
MAIN FLOOR ELECTRICAL PTSS

designed by / conçu par: HJ
drawn by / dessiné par: WSM
approved by / approuvé par: BB
PWGSC Project Manager / Administrateur de Projets TPSGC

scale / échelle: AS SHOWN
project no. / projet no.: R.063116.001
date: AUGUST 06TH, 2015
sheet / feuille: E3.1
OF 2

B1 1000 x 707

141-15218-00



1 E1.2 PTSS-SECOND FLOOR
1/4"=1'-0"

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region

Client | Client

Client | Client

CK A + ID
COUPLAND KRAEMER
ARCHITECTURE + INTERIOR DESIGN Inc.
101, 4632 1ST SE, CALGARY, AB, CANADA, T2G 2L3
TEL. 403.269.7109
FAX. 403.269.7595

WSP
203 WELLMAN CRESCENT
SASKATOON SASKATCHEWAN CANADA S7T 0J1
TEL.: 306-665-6223 | FAX: 306-665-8589 | WWW.WSPGROUP.COM

PROFESSIONAL ENGINEER
B.K. BERGLOF
MEMBER 5369
15/08/06
SASKATCHEWAN

Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
WSP CANADA INC.
Number C0868
Permission to Consult held by:
Discipline / Sk. Reg. No. / Signature

REVISIONS	DESCRIPTION	DATE
A	ISSUED FOR ADDENDUM	08/06/15

A detail number / number du detail
B source drawing no. / de dessin no.
C detail on drawing no. / detail sur dessin no.

project title | titre du projet

RCMP ESTEVAN
TENANT FIT-UP

1320 4TH STREET
ESTEVAN, SASKATCHEWAN

drawing title | titre du dessin

SECOND FLOOR
ELECTRICAL
PTSS

designed by / concu par	HJ
drawn by / dessine par	WSM
approved by / approuve par	BB
PWGSC Project Manager / Administrateur de Projets TPSGC	
scale / echelle	AS SHOWN
project no. / projet no.	R.063116.001
date / date	AUGUST 06TH, 2015
sheet / feuille	E3.2 OF 2

B1 1000 x 707

Project R.063116.001

PTSS Conduit & Cabling Specifications

as of 2015-06-03

PART 1 GENERAL

1.1 General Requirements

.1 Wherever practical and reasonable, all cabinets and electrical boxes shall be installed in the locations shown on the attached floor plans.

.2 Drawings show conduit connection requirements. Actual conduit runs shall run parallel to building lines.

.3 Unless specified otherwise, all conduits shall be sized according to the number of cables in the run. Maximum conduit fill is 50%.

.4 Unless specified otherwise, all junction boxes (J1, J2, J3, etc.) shall be steel and sized according to the number of conduits they must accommodate.

.5 Space below the A6 splitter trough in the 2nd floor Server Room is reserved for PTSS equipment.

.6 Unless noted otherwise, all cables pulled to an A6 splitter trough shall have no less than **6000mm** of cable slack in the splitter trough.

.7 Unless noted otherwise, all cables terminating in a device or outlet box shall have no less than **600mm** of cable slack at the device/outlet box.

.8 All cables terminating in a cabinet, a splitter trough, a device box, a utility box or an outlet box shall be labelled.

.9 The contractor shall test all cables installed as part of this contract for opens, grounds and shorts. The contractor shall replace any cables found to be defective by the owner.

PART 2 MATERIALS & PRODUCTS

1. Conduit

- Unless specified otherwise, all conduits shall be EMT.

2. Junction, Outlet and Pull Boxes

- Unless specified otherwise, all outlet, device and pull boxes shall be steel.

3. Splitter Troughs

- Sheet metal enclosure, welded corners and formed hinged cover suitable for locking in closed position.

4. Ground Bar

- Hoffman ASG8

5. Cable

- All telephone type (Cat3) cables shall be NORDX D-INSIDE CABLE, **24 AWG**, CMR, Category 3 solid copper with a grey jacket (or equivalent).
- All Category 5e (Cat5e) cables shall be Provo 24104L5E (or equivalent).
- All LVT cables shall be four (4) conductor #18 solid AWG Standard Control LVT cable.
- All 8 conductor overall shielded cable shall be Provo 6708 cable (or equivalent).

6. Pull Cord/Tape

- Polypropylene type, 200 lb tensile strength minimum.

PART 3 EXECUTION

A6 Splitter Trough

- Supply and install one Hoffman AST383R 914W X 152H X 114Dmm Splitter Trough centered 2300mm A.F.F. in the Server Room on the second floor (as per second floor plan).
- Install one duplex 120VAC receptacle in the bottom left hand corner of the wall below the splitter trough:
  - Do not run 120VAC inside the splitter trough.
- Supply and install **three** structured wiring/data outlets mounted 50mm below the splitter trough. Provide cabling from the wiring/data outlets and terminate on a patch panel in the building's Server/Router rack.
- Provide patch cords and cross connect from patch panel to available ports on a data switch.
- **The space below the splitter trough is reserved for PTSS equipment.**

J1 Junction Box

- Supply and install one junction box above the suspended ceiling. If the ceiling is finished the junction box should be recessed on a wall 100mm below finished ceiling but no higher than 2400mm A.F.F.. Junction box shall be sized according to the number of conduits that must be accommodated.
- Supply and install conduit, sized to fit cables, from this junction to the A6 splitter trough in the Server Room on the second floor.

J4 Junction Box

- Supply and install one junction box above the suspended ceiling. If the ceiling is finished the junction box should be recessed on a wall 100mm below finished ceiling but no higher than 2400mm A.F.F.. Junction box shall be sized according to the number of conduits that must be accommodated.
- Supply and install conduit, sized to fit cables, from this junction box to the A6 splitter trough in the Server Room on the second floor.

T2 "T" Cabinet (300H X 300W X 100D)

- Supply and install one 300H X 300W X 100Dmm Type 1 Telephone cabinet with wood back (BEL Products TCFKO12124WB or equivalent) **mounted 150mm above the suspended ceiling on the protected side of the wall**. If the ceiling is finished, the cabinet should be recess mounted 225mm above the strike side of the frame on the protected side of the wall. See attached detail drawings for Access Controlled doors. **Cabinet must be accessible and serviceable**.

- Supply and install conduit, sized to fit cables, from this cabinet to the A6 splitter trough in the Server Room on the second floor.
- Supply, install and label **one** Provo 6708 cable (or equivalent) and **one** 4 conductor **18 AWG** solid copper LVT cable in the conduit from the T2 cabinet to the A6 splitter trough in the Server Room on the second floor.

☞ **Note:**

1. Supply no less than 6000mm of cable slack at the A6 splitter trough.

01 Device Box

- Supply and install one recessed 76H X 100W X 63Dmm **double** gang device box c/w blank cover plate 150mm below finished ceiling but no higher than 2400mm A.F.F..
- Supply and install conduit from this device box to a device/junction box in the area (as per floor plans).
- Supply, install and label **two** 4 pair telephone (Cat3) cables in the conduit from this outlet box to the A6 splitter trough.

11 Square Outlet Box

- Supply and have door-frame fabricator spot weld one 100H X 100W X **40**Dmm square outlet box on top of the frame as per attached detail drawing "PROTECTED DOOR - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT".
- Drill a 19mm hole 75mm (center point) from the edge of the door casing to allow for door switch installation and access to frame mounted outlet box.
- Supply and install conduit from the outlet box in the door frame to a 76H X 50W X 63Dmm single gang pull box mounted above the door on the protected side of the wall. This pull box shall have a blank cover plate installed and shall be mounted above the suspended ceiling **OR** 100mm below the ceiling if the ceiling is finished.
- Supply and install conduit from the pull box to a device/junction in the area (as per floor plans).
- Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from the outlet box in the door frame to the A6 splitter trough.
- The cable slack at the outlet box in the door frame shall be tucked into the outlet box to protect the cable from damage.

12 Square Outlet Box

- Supply and have door-frame fabricator spot weld one 100H X 100W X **40**Dmm square outlet box on top of the door frame as per attached detail drawing(s) for access controlled doors.

- Drill a 19mm hole 75mm (center point) from the edge of the door casing to allow for door switch installation and access to frame mounted outlet box.
- Supply and install conduit from the outlet box in the door frame to a T2 cabinet in the area (as per floor plan).
- Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from the outlet box in the door frame **to the T2 cabinet**.
- The cable slack at the outlet box in the door frame shall be tucked into the outlet box to protect the cable from damage.

21 Device Box

- Supply and install one recessed 76H X 150W X 63Dmm **three** gang device box c/w blank cover plate centered 1500mm A.F.F..
- Supply and install conduit from this device box to a device/junction box in the area (as per floor plans).
- Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from this device box to the A6 splitter trough.

31 Conduit to Electric Strike

- 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 floor plans).
- Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from the door frame **to the T2 cabinet**. Leave 600mm of slack inside the door frame.

☞ **Note:**

1. For more information, see attached detail drawing(s) for access controlled doors.

41 Octagon Outlet Box

- Supply and install one 4" octagon outlet box **located no more than 300mm above** the suspended ceiling. If the ceiling is finished, the outlet box should be recess mounted and supplied with a cover plate.
- Supply and install conduit from this outlet box to a device/junction box in the area (as per floor plans).
- Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from this outlet box to the A6 splitter trough.

☞ **Note:**

1. Supply no less than 3600mm of cable slack at the outlet box.

44 Device Box

- Supply and install one recessed 76H X 50W X 63Dmm single gang device box c/w blank cover plate centered 100mm above the top of the door frame on the protected side of the wall as per attached detail drawing(s) for access controlled doors.
- Supply and install conduit from this device box to a T2 cabinet in the area (as per floor plans).
- Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from this device box **to the T2 cabinet**.

☞ **Note:**

1. For more information, see attached detail drawing(s) for access controlled doors.

62 Conduit to Frame/Mullion Mounted Device

- Supply and install conduit from a point 1375mm A.F.F. inside the frame/mullion to a T2 cabinet in the area (as per floor plans).
- Drill a 13mm hole in the frame/mullion, **on the unprotected side**, at a point 1300mm A.F.F..
- Supply, install and label **one** Provo 6708 cable (or equivalent) from the hole in the frame/mullion **to the T2 cabinet**. Leave 600mm of slack outside of the frame/mullion.

☞ **Note:**

1. For more information, see attached detail drawing(s) for access control on doors with frame mounted readers or on double doors with mullion mounted readers.

86 Device Box

- Supply and install one **double** gang 2-5/8" deep weatherproof device box c/w blank weatherproof cover plate. Mount 3000mm above concrete sidewalk or above ground level on the exterior side of the building.
- Supply and install conduit from this device box to a device/junction box in the area (as per floor plans).
- Supply, install and label **two** Category 5e (Cat5e) cables in the conduit from this device box to the A6 splitter trough in the Server Room on the second floor.

☞ **Note:**

1. Supply no less than 1200mm of cable slack at the outlet box.
2. Supply no less than 4500mm of cable slack at the A6 splitter trough.

Attachments:

1. DETAIL DRAWING - ACCESS CONTROL - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, **FRAME MOUNTED READER** AND ELECTRIC STRIKE

2. DETAIL DRAWING - PROTECTED DOOR - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT

3. R.063116.001 - PTSS Main Floor Plan as of 2015-06-03

4. R.063116.001 - PTSS Second Floor Plan as of 2015-06-03