

Part 1 General

1.1 ADDENDUM FORM

- .1 This Addendum forms part of the Contract Documents and modifies the Bidding Documents dated 22 May 2018, with amendments and additions noted below.
- .2 Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder at the Owner's discretion.
- .3 This addendum consists of one (1) page plus the following:

No.	Drawing Title	Issue Date
	Luminaire Schedule	
	PTSS Main Floor Plan	
	PTSS Basement Floor Plan	
	Access Controlled – Elevation of Single Door with Door Contact, Frame Mounted Reader and Electric Strike (Panic Hardware)	
	PTSS Conduit & Cabling Specifications	

1.2 CHANGES TO THE PROJECT MANUAL

- .1 Specifications - appended to this addendum, to be added to the Project Manual.
 - .1 **ADD** the Luminaire Schedule as referenced in sentence 2.2.2 of Section 26 50 00.
 - .2 **ADD** the PTSS Conduit & Cabling Specifications document, as appended to this addendum, to the Project Manual.

1.3 CHANGES TO DRAWINGS

- .1 Drawings - appended to this addendum, to be added to the Project Manual.
 - .1 **ADD** the PTSS Main Floor Plan.
 - .2 **ADD** the PTSS Basement Floor Plan.
 - .3 **ADD** the Access Controlled – Elevation of Single Door with Door Contact, Frame Mounted Reader and Electric Strike (Panic Hardware) detail.
 - .4 **ADD** Conduit and Cabling Specifications.

END OF ADDENDUM NUMBER NO. 1

17342.001 - LUMINAIRE SCHEDULE

Project Name: TBU 8 Resource Centre Fit-Up

Client Project Number: 7222198

Smith + Andersen

2031 Portage Ave, Unit 200
Winnipeg, Manitoba, R3J 0K6

TYPE	VOLT.	LAMP(S)	DIMENSIONS	DESCRIPTION	DRIVERS/ POWER SUPPLY	MANUFACTURER/ CATALOGUE NUMBER	MINIMUM PERFORMANCE REQUIRED	LOCATED
LED								
L1	120V	30W LED	2'x2"x4-3/8"	Volumetric Troffer. Low-profile one piece fold rolled steel coated polyester housing. Impact-modified, single clear acrylic diffuser.	0-10V dimming driver	Lithonia 2VLT2-33L-ADPT-EZB-LB835-	3300 Lumens 3500K 80CRI (min)	2nd floor corridor, meeting rooms, quiet rooms, copy room.
L2	120V	LED	Custom length to be confirmed on site.	Linear Slim Profile Architectural Rail. 24V linear 60 degree angled custom length LED strip, ceiling mounted. Silver housing, Diffused round lens.	Remote Driver	VESTA HYDRA LD15 W835/1260- -OL-60-C-IP40	2100 lm/m 3500K 80CRI (min)	2nd floor small alcoves.
L3	120V	19W LED	4"x4"x4"	Wall mounted indirect luminaire. The luminaire shall be complete with a flush mounted lens.	Integral driver	Finelite HP-4 WM-I-48-B-8-35-F-120-MB-SC	2100 Lumens 3500K 80CRI (min)	Offices (wall mounted)
L4	120V	19W LED	4"x4"x4"	Aircraft suspended direct / indirect luminaire cw flush mounted lenses, widespread uplight optics, standard output, fully adjustable mounting for hard ceiling	Integral driver	Finelite HP-4-ID-48-S-S-835-WSO-F-120-FA-SC-C4	3300 Lumens 3500K 80CRI (min)	Offices (suspended)
L5	120V	19W LED	8"x4"x4"	Ceiling recessed flush mounted luminaire on the underside of the bulkhead, complete with a flush mounted lens.	Integral driver	Finelite HP-4-R-96-B-835-F-120-SC-CF3	2100 Lumens 3500K 80CRI (min)	High Density Storage Area
L6	120V	19W LED	4"x4"x4"	Ceiling recessed flush mounted luminaire on the underside of the bulkhead, complete with a flush mounted lens.	Integral driver	Finelite HP-4-R-48-B-835-F-120-SC-CF3	2100 Lumens 3500K 80CRI (min)	High Density Storage Area

17342.001 - LUMINAIRE SCHEDULE

Project Name: TBU 8 Resource Centre Fit-Up
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Smith + Andersen

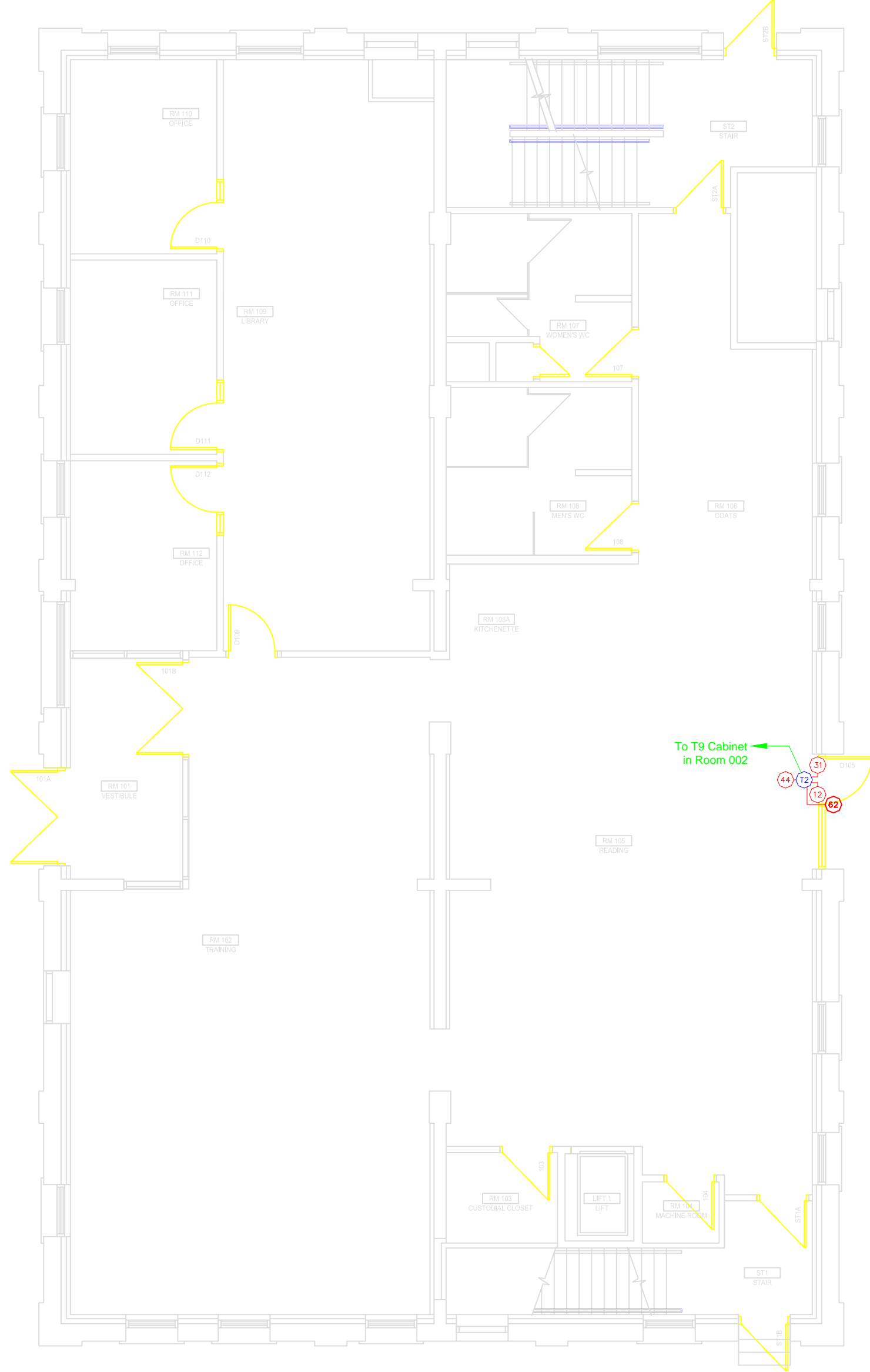


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NOTES:

- All luminaires need to be consistent on technology and must match reference standard description regardless of catalogue number. Where finishes are not indicated, allow for special finish. Manufacturer/Catalogue number not listed will not be considered.
- LED's are to be latest technology to provide maximum lumens, binned, best colour and longest life at time of purchase. Drivers are to be the latest technology at time of purchase.
- LED luminaires dimensions listed are the maximum size allowed. Luminaires provided can be smaller than the dimension listed.
- All luminaires diameter and depth listed are the maximum size allowed. Luminaires provided can be smaller than the dimension listed.
- All LED luminaires that present signs of failure on site, within the warranty period, must be replaced at no cost to the owner. If temporary luminaires are required to replace any failed LED luminaires, during the waiting time for parts (i.e. drivers, boards, heat sinks, etc.), the labour cost including installation, temporary luminaire supply, temporary luminaire removal and reinstallation of the LED fixture must be provided at no cost of the owner. Additional electrical costs, associated with higher Wattage temporary luminaires, must be reimbursed with interest to the owner by the manufacturer.
- In case of failure of a LED luminaire complete or part thereof, an independent third party testing Laboratory (approved by Smith + Andersen) shall be commissioned by the manufacturer or vendor to perform tests on samples taken from the failed luminaires installed on corresponding site. All reporting including the test results must be submitted to Smith + Andersen for evaluation and final approval.
- Any additional time (related to luminaire manufacturing issues) involved by Smith + Andersen will be billed at our hourly rates to the manufacturer or vendor.
- All LED parts and accessories must be replaceable on site without removal of the luminaire.
- Equivalents will only be considered at Smith + Andersen discretion prior to tender close. Sample must be supplied with plug and cord for mock-up.



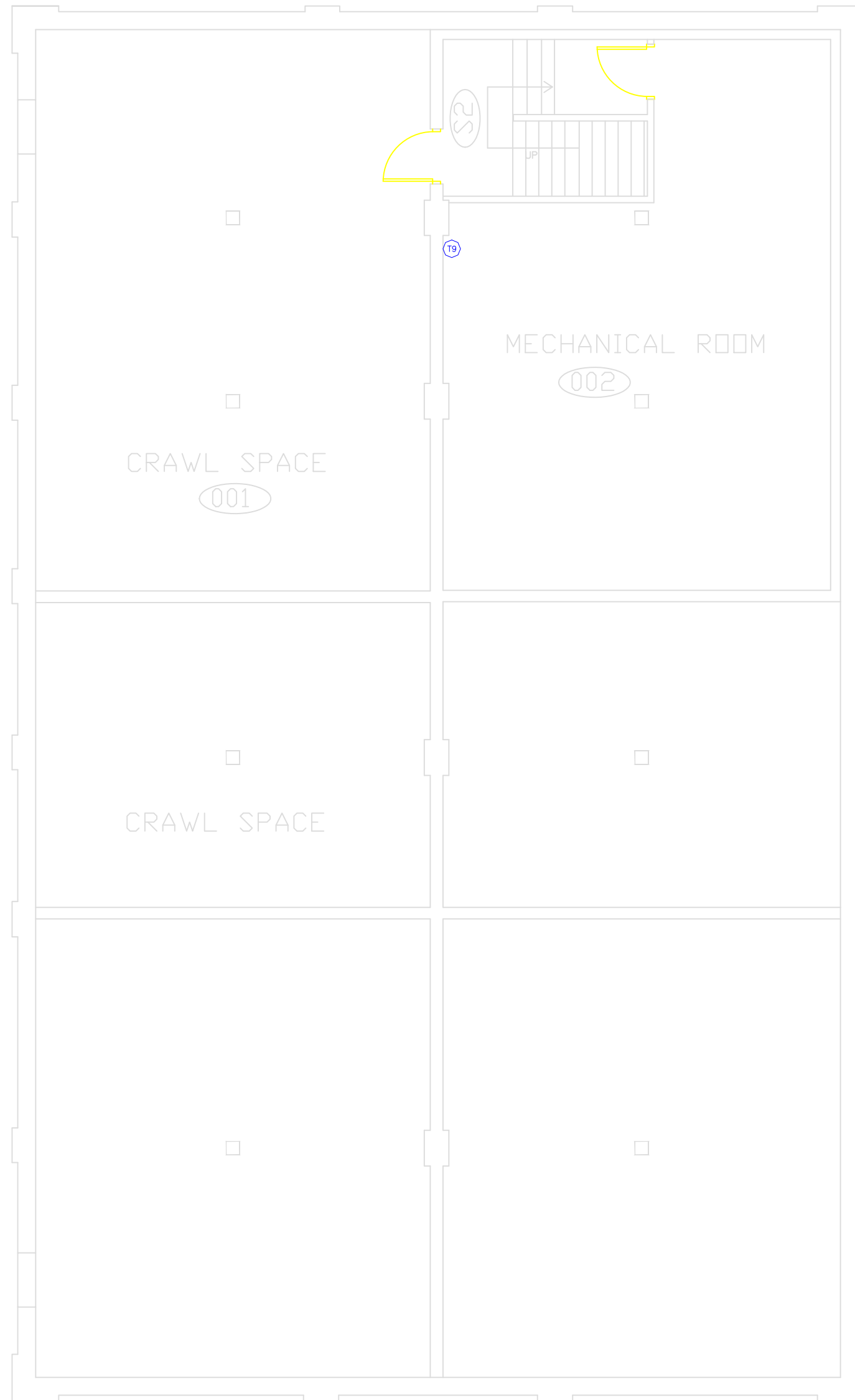
DRAWING LEGEND

- 13mm Conduit unless specified otherwise
- Conduit sized to fit cables unless specified otherwise (minimum 19mm)

PTSS

Project SOA 7222198 – PTSS Main Floor Plan

SCALE: n/a	DATE: 2018-03-08	SHEET: 1 OF 1	File: Project SOA 7222198 - PTSS Main Floor Plan as of 201y-mm-dd
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- 13mm Conduit, unless specified otherwise
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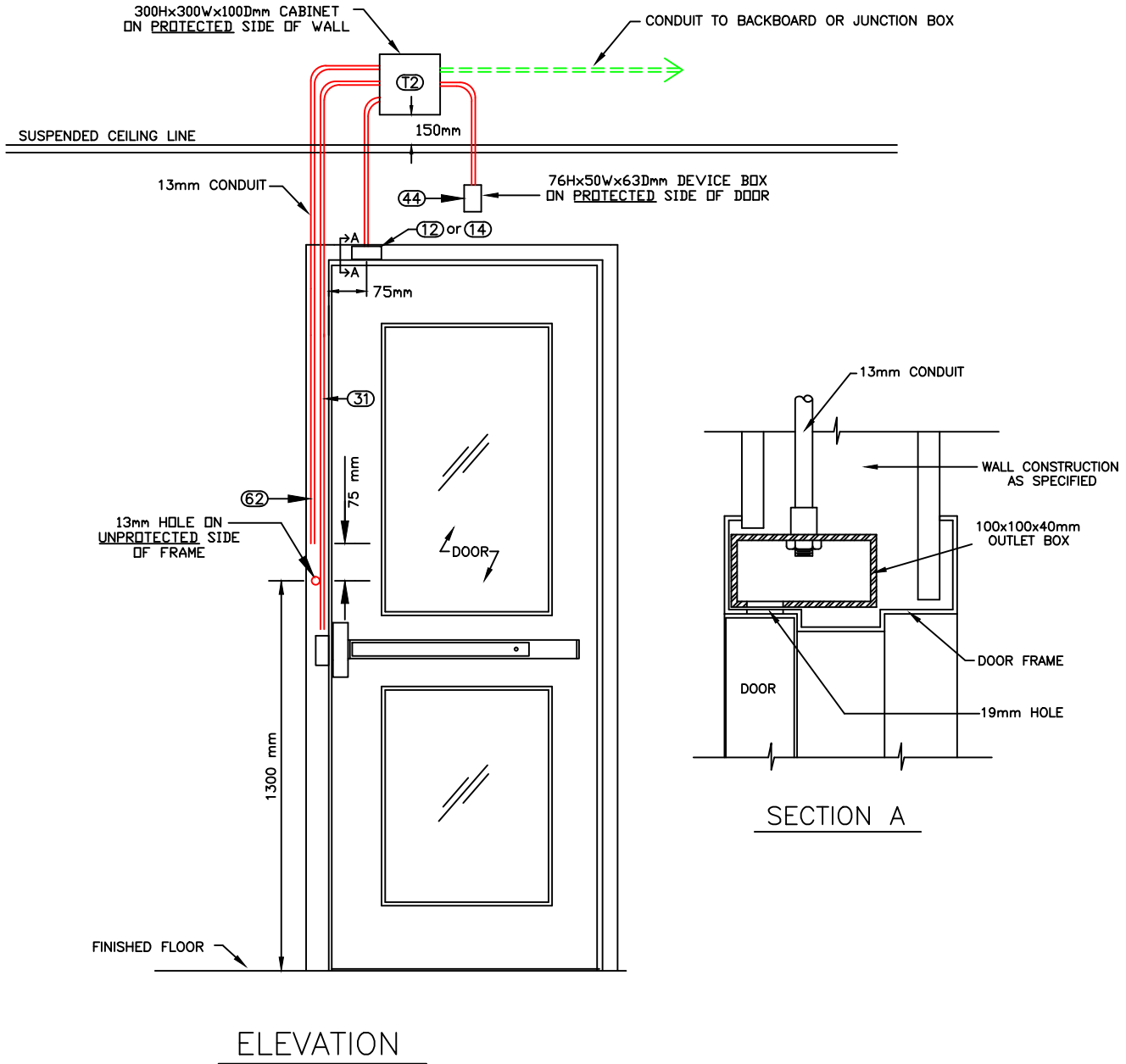
PTSS

Project SDA 7222198 - PTSS Basement Floor Plan

SCALE: n/a	DATE: 2018-03-08	SHEET: 1 OF 1	File: Project SDA 7222198 - PTSS Basement Floor Plan as of 201y-mm-dd
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Detail Drawing

ACCESS CONTROLLED – ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, FRAME MOUNTED READER AND ELECTRIC STRIKE (PANIC HARDWARE)



NOTES:

CONDUIT CONNECTOR(S) WILL BE MOUNTED AND FASTENED TO THE JUNCTION BOX BY THE 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 (SLAMMING SIDE) TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

Project
Project SOA 7222198

PTSS Conduit & Cabling Specifications

as of 2018-03-08

PART 1 GENERAL

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 shall be sized according to the number of conduits they must accommodate.
5. Unless noted otherwise, all cables in a device or outlet box shall have no less than 600mm of slack in the device/outlet box.
6. All cables in a cabinet, a splitter trough, a device box, a utility box or an outlet box shall be labelled.
7. The contractor shall test all cables 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. 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 LVT cables shall be four (4) conductor #18 solid AWG Standard Control LVT cable.
- All 8 conductor overall shielded cable shall be Belden 5506FE or General/Carol C0764A cable (or equivalent).

4. Pull Cord/Tape

- Polypropylene type, 200 lb tensile strength minimum.

PART 3 EXECUTION

T2 "T" Cabinet (305H X 305W X 100D)

1. Supply and install one 305H X 305W 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.
2. **Cabinet must be accessible and serviceable.**
3. Supply and install conduit, sized to fit cables, from this cabinet to the T9 cabinet in basement Room 002.
4. Supply, install and label **one** General C0764A cable (or equivalent) and **one** 4 conductor **18 AWG** solid copper LVT cable in the conduit from the T2 cabinet to the T9 cabinet in basement Room 002.
5. Supply no less than 6000mm of cable slack at the T9 cabinet.

T9 Existing "T" Cabinet

- Existing Type "T" cabinet in basement Room 002.

12 Square Outlet Box

1. 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.
2. 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.
3. Supply and install conduit from the outlet box in the door frame to a T2 cabinet in the area (as per floor plan).
4. 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.**
5. The cable slack at the outlet box in the door frame shall be tucked into the outlet box to protect the cable from damage.

31 Conduit to Electric Strike

1. 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).
2. Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from the door frame **to the T2 cabinet.**
3. Leave 610mm of cable slack inside the door frame.
4. For more information, see attached detail drawing(s) for access controlled doors.

44 Device Box

1. 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.
2. Supply and install conduit from this device box to a T2 cabinet in the area (as per floor plans).
3. Supply, install and label **one** 4 pair telephone (Cat3) cable in the conduit from this device box **to the T2 cabinet**.
4. For more information, see attached detail drawing(s) for access controlled doors.

62 Conduit to Frame/Mullion Mounted Device

1. 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).
2. Drill a 19mm hole in the frame/mullion, on the **unprotected** side, at a point 1300mm A.F.F..
3. Supply, install and label **one** General C0764A cable (or equivalent) from the hole in the frame/mullion **to the T2 cabinet**. Leave 610mm of slack outside of the frame/mullion.
4. 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.

Attachments:

1. DETAIL DRAWING - ACCESS CONTROL - ELEVATION OF SINGLE DOOR WITH DOOR CONTACT, **WALL MOUNTED READER** AND ELECTRIC STRIKE (**WITH PANIC HARDWARE**)
2. PTSS floor plan(s):
 - a. Project SOA 7222198 - PTSS Basement Floor Plan as of 2018-03-08
 - b. Project SOA 7222198 - PTSS Main Floor Plan as of 2018-03-08