



NOTES:

- PROVIDE DATA DROPS TO EACH DESK AS INDICATED FROM PATCH PANEL IN IT ROOM TO DESK. RUN FROM IT CABINET ALONG EXISTING CABLE TRAY RUN IN CEILING. BRANCH OFF FROM CABLE TRAY TO RUN AND HIDE DOWN COLUMNS AS NECESSARY.
- PROVIDE WIREMOLD RACEWAY HORIZONTALLY ON WALLS ON TOP LEVEL.
- PROVIDE ONCARPET RACEWAY FOR COMMUNICATIONS AND POWER CABLING (WITH DIVIDER) FROM COLUMN TO UNDERSIDE OF DESK.
- RUN CABLES INSIDE THE COLUMN FROM CEILING SPACE CABLE TRAY.
- INSTALL 2-12" PATCH CORDS FROM SPINE MOUNTED DATA OUTLET TO TABLE TOP. PATCH CORD TO BE COILED AND LABELLED. LABEL TO MATCH DATA OUTLET ID TAG.
- PROVIDE CAT6A U/UTP PIGTAILS (SOLID WIRE) BETWEEN FLOOR MONUMENT AND TABLE TOP MONUMENT. THE RJ45 JACK SIDE SHALL BE PLUGGED INTO THE FLOOR MONUMENT DATA OUTLET. THE OTHER SIDE SHOULD BE TERMINATED ON THE TABLE TOP MONUMENT DATA OUTLET (KEYSTONE JACK). PROVIDE CONNECTRAC VERTICAL WIRE MANAGER FOR CABLES FROM FLOOR MONUMENT TO TABLE TOP MONUMENT. BOTH FLOOR MONUMENT OUTLET PORT AND FURNITURE MONUMENT OUTLET PORT SHALL BE LABELED. THE PIGTAIL CABLE SHALL BE LABELED BOTH ENDS AS WELL.
- FLOOR MONUMENT. MANUFACTURER: CONNECTRAC
- TABLE TOP MONUMENT. MANUFACTURER: LEGRAND INTEGRAT A/V TABLE BOX SERIES
- TWO (2) EXISTING ISP FIBER CONDUITS STUBBED UP FROM FLOOR BELOW (FROM BASEMENT TELECOM DEMARCATION ROOM VIA BASEMENT PARKING GARAGE).
CONDUIT 1: FROM THE ELECTRICAL ROOM TO EXISTING CABLE TRAY C/W TWO FIBER CABLES (BELL & COGECO/BEANFIELD)
CONDUIT 2: STOPS INSIDE ELECTRICAL ROOM. ONE EXISTING MULTIPAIR TELEPHONE CABLE ATTACHED TO CONDUIT 1 RUNNING TO EXISTING CABLE TRAY
- PROVIDE CONNECTRAC ON-FLOOR FLEX RACEWAY SYSTEM FROM THE WALL TO FLOOR MONUMENT.
- COORDINATE AND CONFIRM FINAL LOCATION WITH THE CITY PRIOR TO ROUGH-IN.
- TO BE SUPPLIED BY CITY OF TORONTO CORPORATE SECURITY AND INSTALLED BY THE CONTRACTOR.

ITEM	DESCRIPTION	PROVIDED BY	QTY
1	DOOR CONTACTS	CONTRACTOR	10
2	MOTION DETECTORS	CONTRACTOR	5
3	GLASS BREAK DETECTOR	CONTRACTOR	7
4	REQUEST TO EXIT	CONTRACTOR	5
5	CARD READER	CLIENT	6
6	ELECTRIC DOOR STRIKE	CONTRACTOR	5
7	INTERCOM	CLIENT	1
8	INTERCOM MASTER STATION	CLIENT	1
9	DURESS BUTTON	CONTRACTOR	1
10	DOOR ALARM	CONTRACTOR	1

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ISSUES		
No.	DESCRIPTION	DATE
A	ISSUED FOR 50% SUBMISSION	2024-11-19
B	ISSUED FOR 75% SUBMISSION	2024-12-13
C	ISSUED FOR 95% SUBMISSION	2025-02-03
D	ISSUED FOR 100% SUBMISSION / PERMIT	2025-02-07
E	ADDENDUM 1	2025-03-05
F	ADDENDUM 5	2025-03-26

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PROJECT
**OFFICE MODERNIZATION FOR
TORONTO WATER OFFICE**
95 THE ESPLANADE
Toronto, ON M5E 1Y8

PROJECT NO: 148121	
DRAWN BY: I. TUNG	CHECKED BY: T. SHEN
PROJECT MGR: F. BOLOURIAN	APPROVED BY: S. CHAUDHARY

SHEET TITLE
ELECTRICAL AUXILIARY PLAN

SHEET NUMBER E4100	ISSUE F
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