



**LEGEND : POWER**

SYMBOL	DESCRIPTION	QTY
⊕	120 VOLTS DUPLEX OUTLET TO BE WALL MOUNTED @ 12" A.F.F. O.C. UNLESS OTHERWISE NOTED	--
⊕G	120 VOLTS DUPLEX OUTLET W/ GROUND FAULT INTERRUPTER TO BE WALL MOUNTED @ 12" A.F.F. O.C. UNLESS OTHERWISE NOTED	--
▲	TELEPHONE OUTLET TO BE WALL MOUNTED AS NOTED (SEE WORK)	--
△	DATA OUTLET TO BE WALL MOUNTED (DATA DATA)	--
⊕	DEDICATED OUTLET FOR COMPUTER TO BE WALL MOUNTED @ 12" A.F.F. O.C. UNLESS OTHERWISE NOTED	--
⊕	FLOOR MOUNTED DEDICATED OUTLET @ CASH AREA FOR COMPUTER	--
⊕	FLOOR MOUNTED DUPLEX OUTLET	--
⊕	FLOOR MOUNTED TELEPHONE OUTLET @ CASH AREA (DATA VOICE)	--
⊕	FLOOR MOUNTED DATA OUTLET @ CASH AREA (DATA DATA)	--
*	POWER REQUIRED	--
⊕	SPEAKER - WIRED TO OFFICE STEREO UNIT. CONTRACTOR TO PROVIDE ONLY IF NONE EXISTS	--
⊕	EXISTING DUPLEX OUTLETS AND POWER TO REMAIN	--
⊕	CABLE TELEVISION OUTLET	--
⊕	AUTOMATIC DOOR OPERATOR PUSH PLATE/BUTTON MOUNTED AT 1000mm	--
⊕	CARD READER	--
⊕	ELECTRIC STRIKE	--
⊕	URGENT ALERT PUSH PLATE/BUTTON MOUNTED AT 1000mm	--
⊕	INTERCOM MOUNTED AT 1000mm	--

- POWER AND COMMUNICATION NOTES**
- POWER AND COMMUNICATION DRAWINGS TO BE USED FOR LOCATION PURPOSES ONLY. REFER TO ELECTRICAL ENGINEERING DRAWINGS FOR DETAILS, SPECIFICATIONS AND REQUIREMENTS.
  - ELECTRICAL AND COMMUNICATION WORK TO COMPLY WITH THE REQUIREMENTS OF THE BUILDING LANSING AND APPLICABLE MARKING JURISDICTION.
  - CONTRACTOR TO REPORT DISCREPANCIES BETWEEN ENGINEERING AND DESIGN DRAWINGS TO THE DESIGNER AND ELECTRICAL ENGINEER PRIOR TO COMMENCEMENT OF WORK.
  - SHOWN REQUIRED CHANGES TO THE DESIGNER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
  - DIMENSIONS OF SERVICES ARE TAKEN AT THE CENTRE OF THE SERVICE OR GROUP OF SERVICES, UNLESS OTHERWISE NOTED.
  - DIMENSIONS FROM A PARTITION ARE TAKEN FROM FACE OF PARTITION TO CENTRE OF THE SERVICE OR GROUP OF SERVICES, UNLESS OTHERWISE NOTED.
  - DIMENSIONS FROM THE PERIMETER OF THE BUILDING ARE TAKEN FROM FACE OF THE CONCRETE OR BRICK BUILDING ELEMENT TO CENTRE OF THE SERVICE OR GROUP OF SERVICES, UNLESS OTHERWISE NOTED.
  - REFER TO ENGINEERING DRAWINGS FOR SPECIFICATION OF COVER PLATE, RECEPTACLE TYPE AND COLOUR. REFER TO DESIGNER DRAWINGS FOR MOUNTING HEIGHT.
  - WHERE POWER AND COMMUNICATION SERVICES ARE ADJACENT ON PLAN, GANGED COVER PLATES SHALL BE USED.
  - CONTRACTOR TO ENSURE THAT TRACES HAVE COMPLETED THEIR PORTION OF THE WORK BEFORE BURNING UP BOTH SIDES OF THE STOPS. THIS IS TO INCLUDE RESPECTING AS REQUIRED BY LOCAL AND PROVINCIAL BY-LAWS AND BUILDING CODES.
  - SOUND BATS IN PARTITIONS ARE TO CONTINUE BEHIND POWER AND TELEPHONE OUTLETS WITHOUT INTERRUPTION.
  - STAGGER OUTLETS OCCURRING ON OPPOSITE SIDES OF THE SAME PARTITION TO MAINTAIN ADEQUATE INTERFERENCE.
  - FURNITURE SYSTEM FEEDS TO BE SUPPLIED BY SYSTEMS FURNITURE MANUFACTURER AND ELECTRICAL CONNECTION OF SYSTEMS FURNITURE BY ELECTRICAL CONTRACTOR.
  - CONTRACTOR TO VERIFY INITIAL CONCEPT AND VERIFY SECURITY ACCESS CONTROL EQUIPMENT INCLUDING THE SUPPLY AND INSTALLATION OF BONES, CONDUITS, WIRING AND CABLES AS PER SECURITY CONSULTANT'S SPECIFICATIONS AND DETAILS.
  - TYPICAL WALL OUTLETS TO BE MOUNTED AT 12" A.F.F.
  - REFER TO MECHANICAL & ELECTRICAL ENGINEER'S DRAWINGS FOR SPECIFICATIONS.
  - ALL POWER SHOWN ON THIS PLAN TO BE COORDINATED AND APPROVED BY CLIENT PRIOR TO INSTALLATION AND FABRICATION OF ANY MILLWORK WITH POWER REQUIREMENTS.
  - CONTRACTOR SHALL CONFORM ALL QUANTITIES PRIOR TO ORDERING.
  - CONTRACTOR IS RESPONSIBLE FOR:
    - DISCONNECTING ALL LIGHTING, COMPUTERS, DATA LINES, PHONE LINES, ELECTRICAL FIXTURES, ETC.
    - REMOVAL AND RELOCATION OF EXISTING ELECTRICAL AS REQUIRED.
    - REMOVING ALL EXISTING TAMP WIRE SYSTEMS UNDER EXISTING FLOORCOVERING IF REQUIRED.
  - CLIENT IS RESPONSIBLE FOR ALL POS AND DEBIT MAPPING.
  - THE ELECTRICAL CONTRACTOR MUST VISIT THE SITE AND DO TAKE OFF ON QUANTITY AND MATERIALS REQUIRED BEFORE STARTING PROJECT. ALL FUTURE ADJUSTS AND ELECTRICAL WORK SHOWN ARE TO BE COMPARED ON SITE AND DESIGNER NOTIFIED IF THERE ARE ANY DISCREPANCIES.

- Notes:**
- CONTRACTOR AND ALL SUB-TRADES SHALL VERIFY ALL SITE DIMENSIONS. ALL DRAWINGS, DETAILS AND SPECIFICATIONS AND REPORT ANY DISCREPANCIES TO THE INTERIOR DESIGNER IN WRITING FOR APPROVAL BEFORE PROCEEDING WITH THE WORK.
  - CONTRACTOR AND SUB-CONTRACTORS, BEFORE PROCEEDING WITH WORK, MUST SUBMIT ALL NECESSARY SAMPLES FOR APPROVAL OF QUALITY AND FINISH TO THE INTERIOR DESIGNER.
  - CONTRACTOR MUST COMPLY WITH THE CONTRACT DOCUMENTS, PERFORMANCE REQUIREMENTS, APPLICABLE CODES AND REGULATIONS.
  - ALL DRAWINGS AND ORIGINAL MATERIAL HEREIN CONSTITUTE THE WRITTEN AND UNPUBLISHED WORK OF "IBY DESIGN ASSOCIATES INC." AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF "IBY DESIGN ASSOCIATES INC."
  - DRAWINGS NOT TO BE SCALED
- Issue:**
- | ISSUE                       | DATE     |
|-----------------------------|----------|
| 05 ISSUED FOR COORDINATION  | 16.01.11 |
| 06 ISSUED FOR CLIENT REVIEW | 16.01.15 |
| 07 ISSUED FOR TENDER        | 16.03.18 |
| 09 ISSUED FOR ADDENDUM      | 17.01.27 |
| 10 ISSUED FOR CONSTRUCTION  | 17.06.19 |
| 14 SITE INSTRUCTION #04     | 18.03.07 |
| 23 SITE INSTRUCTION #15     | 18.11.09 |

**Hines TRIDEL**

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Drawing Title:  
**LEVEL 2  
POWER AND  
COMMUNICATION PLAN**

Our Project Number:  
14008

Designed By:  
DM/RL, VW/SG

Drawn By:  
DM/RL, VW/SG, BP

Drawing Number:  
**ID4.8B**