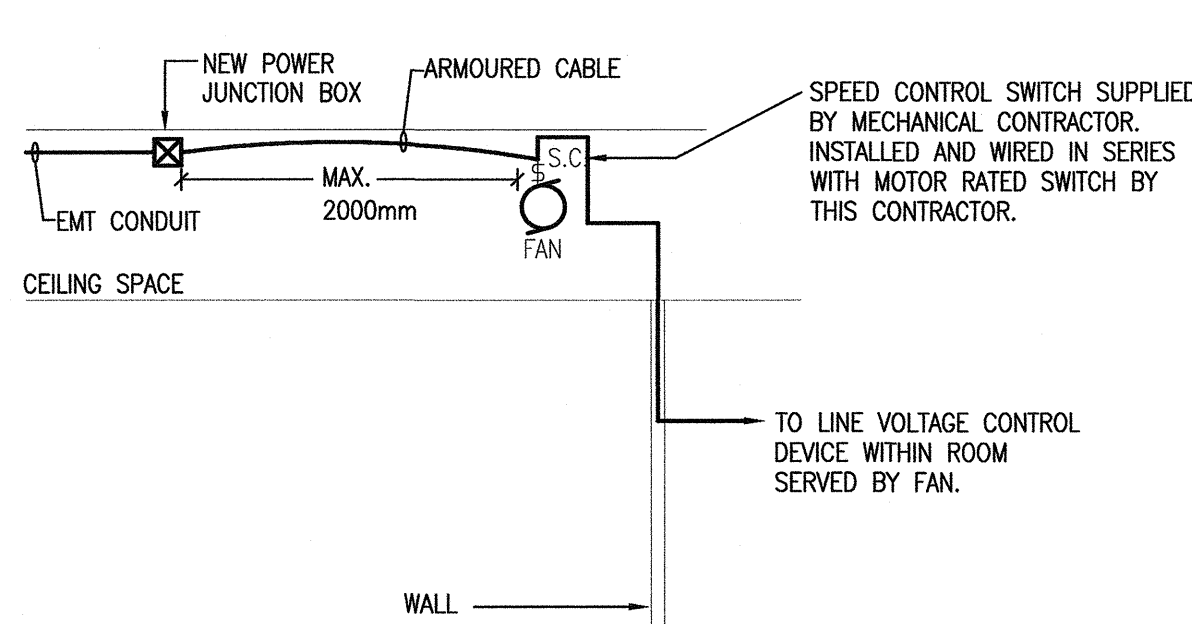


### BASE BUILDING CORE DRILLING REQUIREMENTS

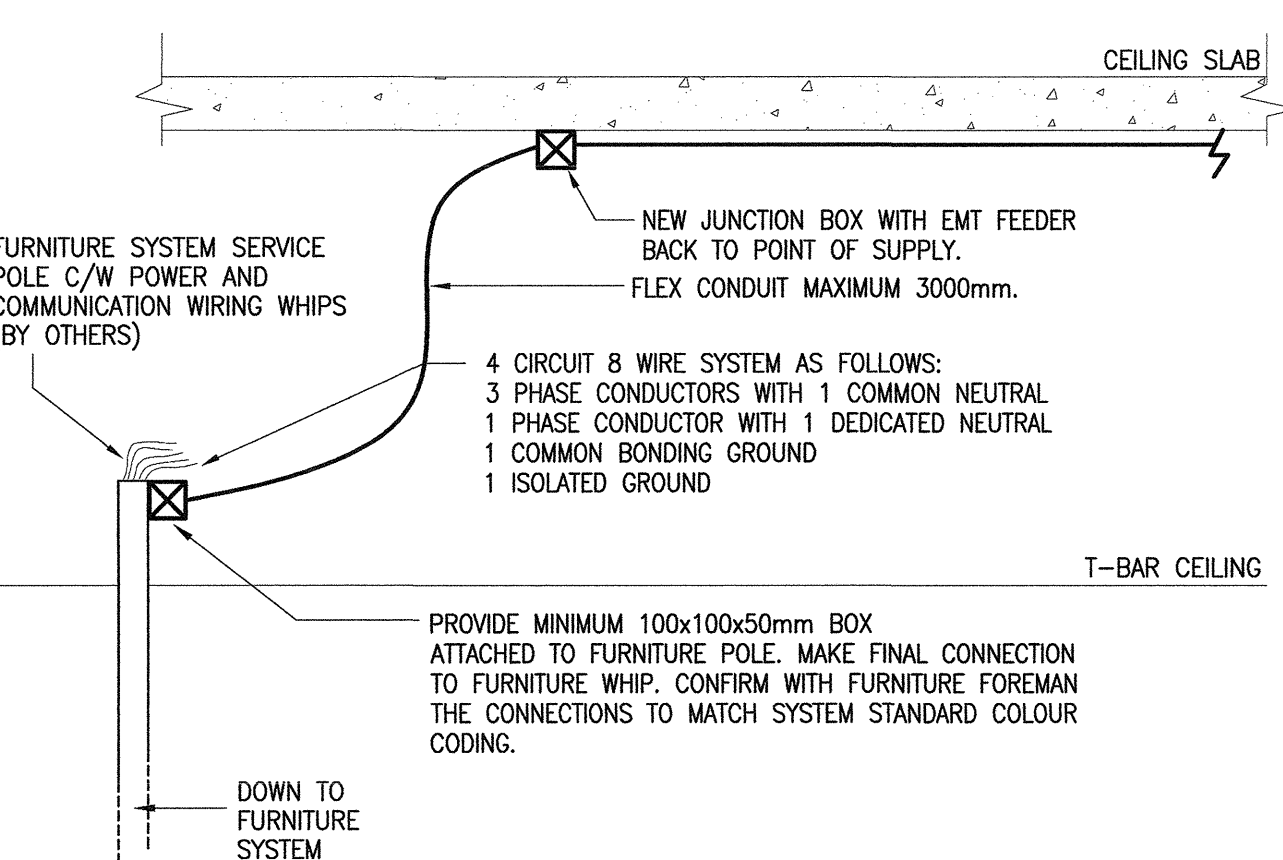
- CHECK WITH BUILDING MANAGEMENT PRIOR TO CORE DRILLING AND CUTTING OF FLOOR SLAB TO CONFIRM BUILDING REQUIREMENTS AND POLICIES.
- PERFORM CORE DRILLING AFTER REGULAR WORKING HOURS.
- NO REINFORCING STEEL SHALL BE CUT OR DISTURBED IN ANY WAY BY THE CORING OPERATION.
- DO NOT CORE DRILL OR CUT THROUGH COLUMN CAPTALS.
- ALL REINFORCING, CONDUITS AND OTHER EMBEDMENTS IN THE SLAB SHALL BE LOCATED BY GROUND PENETRATING RADAR AND HAND DETECTION SCANNING PRIOR TO DRILLING OR CUTTING.
- ALL CORE DRILLS THROUGH SLABS MUST BE EFFECTIVELY SEALED TO MAINTAIN THE FIRE RATED SEPARATION.
- ALL COSTS FOR DRILLING, SCANNING AND FIRE STOPPING SHALL BE INCLUDED IN THE ELECTRICAL TENDER.
- ALL CORE DRILLING IS AT THE CONTRACTOR'S RISK WITH RESPECT TO REPAIR OF ANY IMBEDDED SERVICES THAT MAY BE OUT.



NOTE: FAN SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. ALL FINAL LINE VOLTAGE CONNECTIONS BY ELECTRICAL CONTRACTOR.

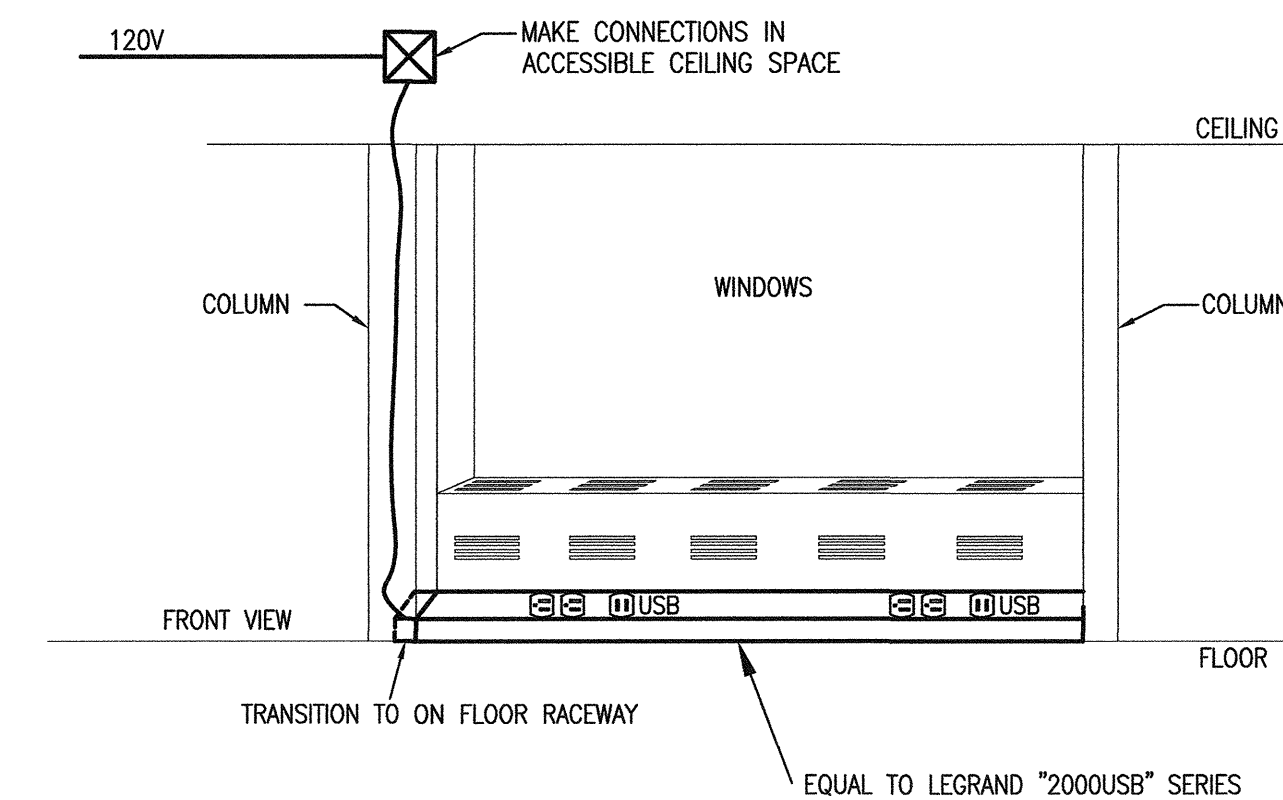
### 1 FAN CONNECTION DETAIL

N.T.S.



### 3 FURNITURE POLE CONNECTION DETAIL

N.T.S.

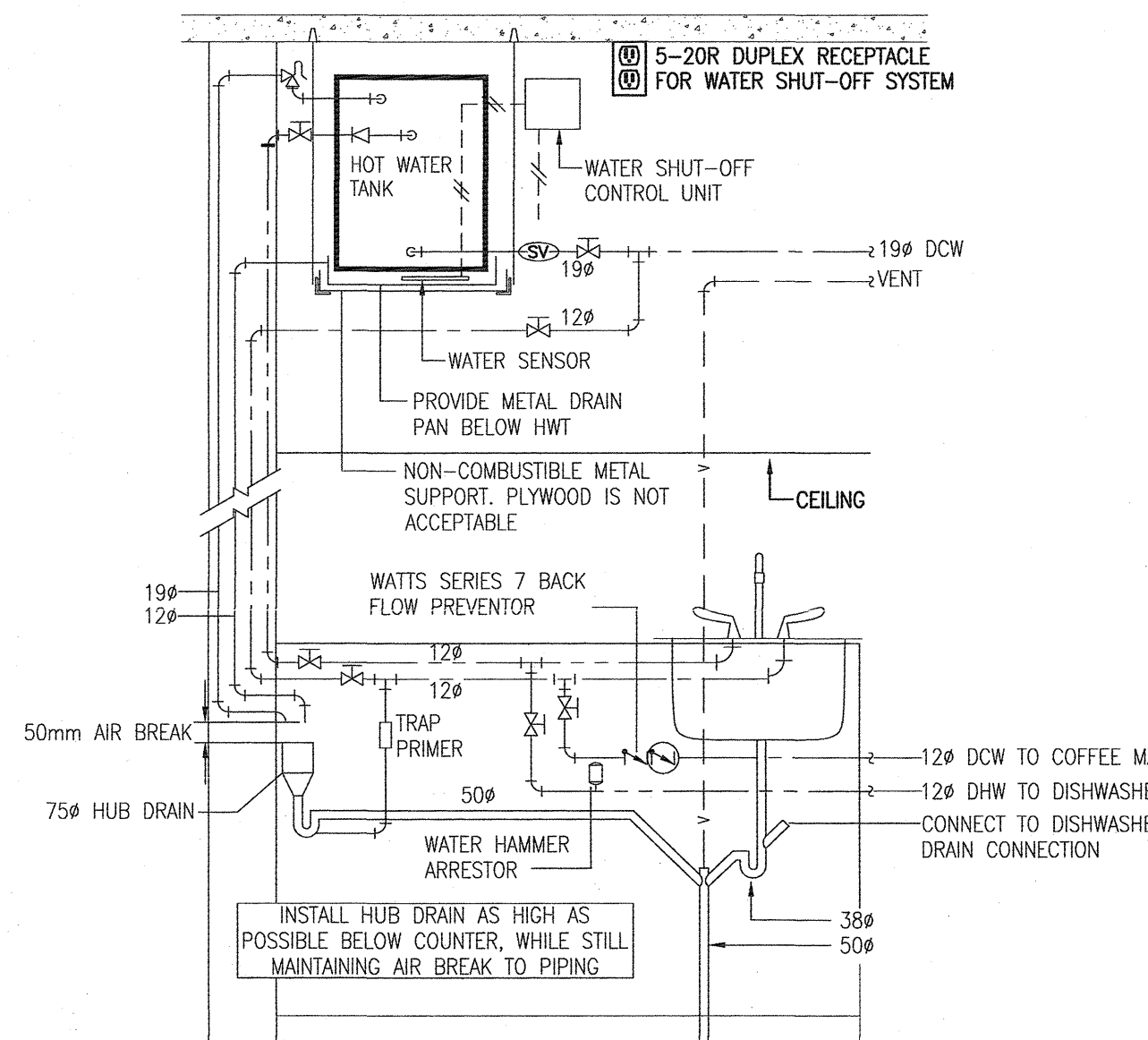


NOTE: RECEPTACLES ARE TO BE INSTALLED FACING UP.

DENOTED BY: ON PLANS

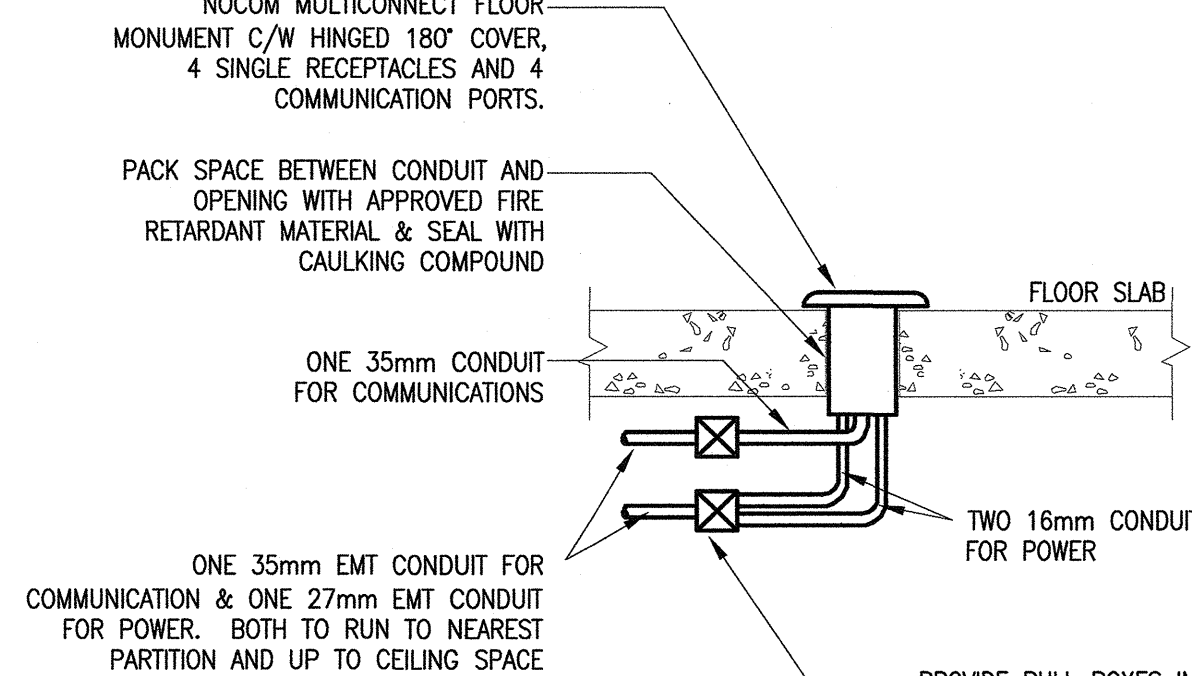
### 5 SINGLE CHANNEL RACEWAY ON FLOOR IN FRONT OF INDUCTION UNITS

N.T.S.



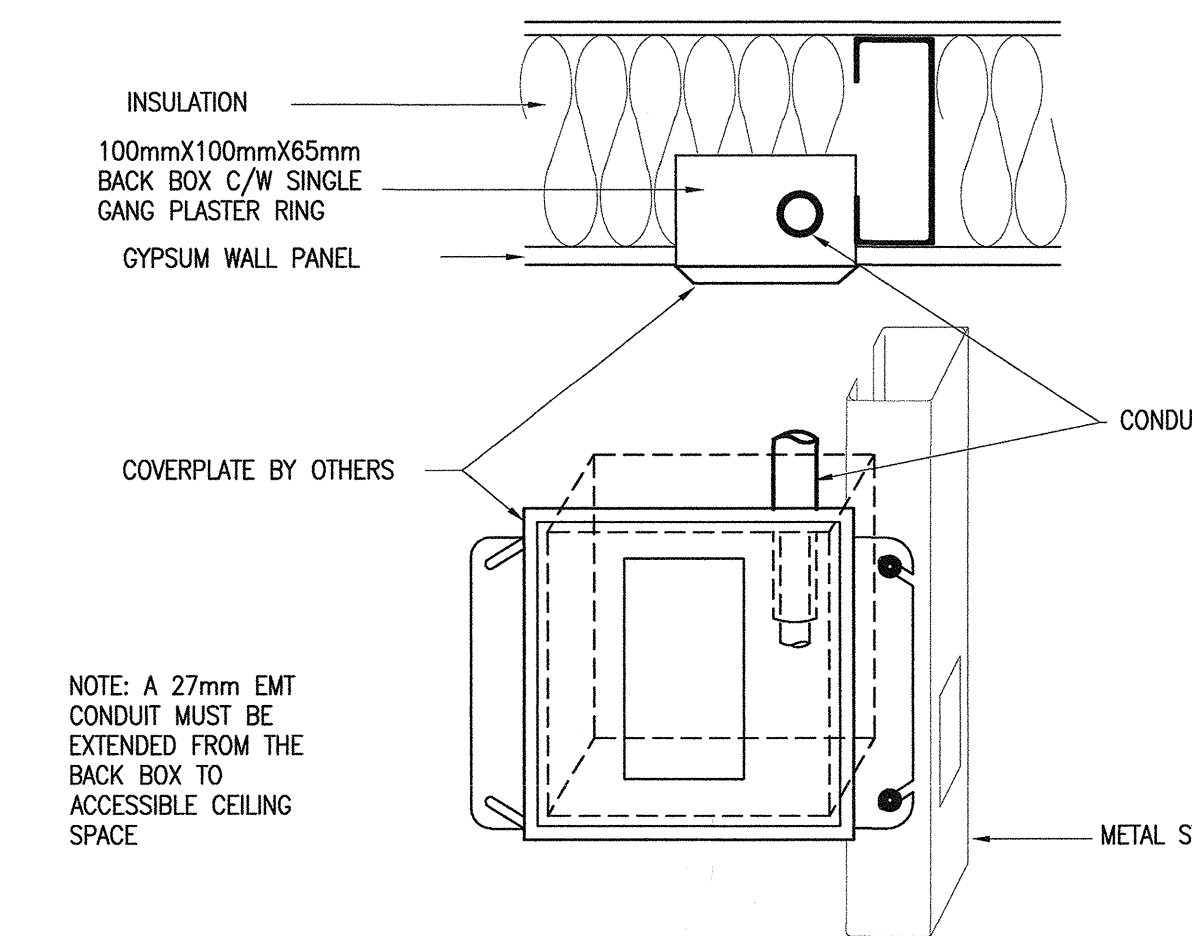
### 7 DOMESTIC HOT WATER TANK PIPING DETAIL - CEILING MOUNTED

N.T.S.



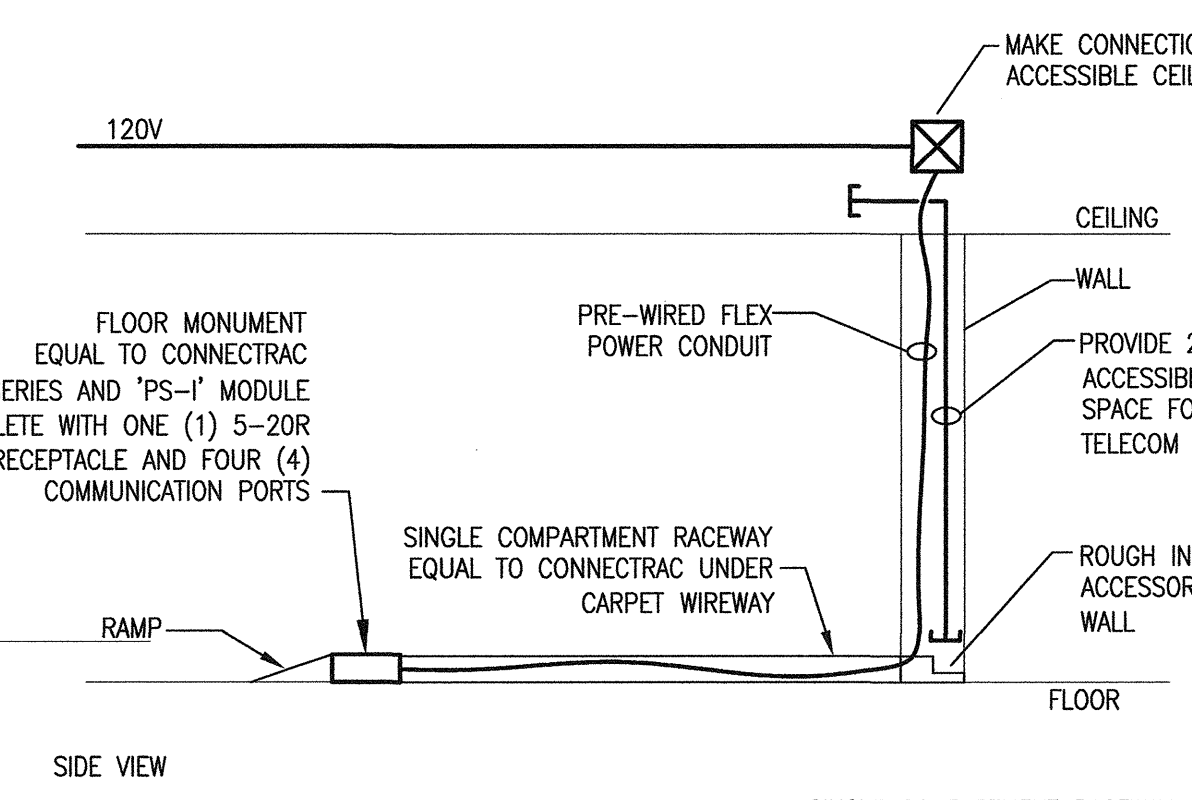
### 2 NOCOM MULTICONNECT INSTALLATION

N.T.S.



### 4 TELEPHONE AND DATA CONDUITS IN STUD WALL

N.T.S.

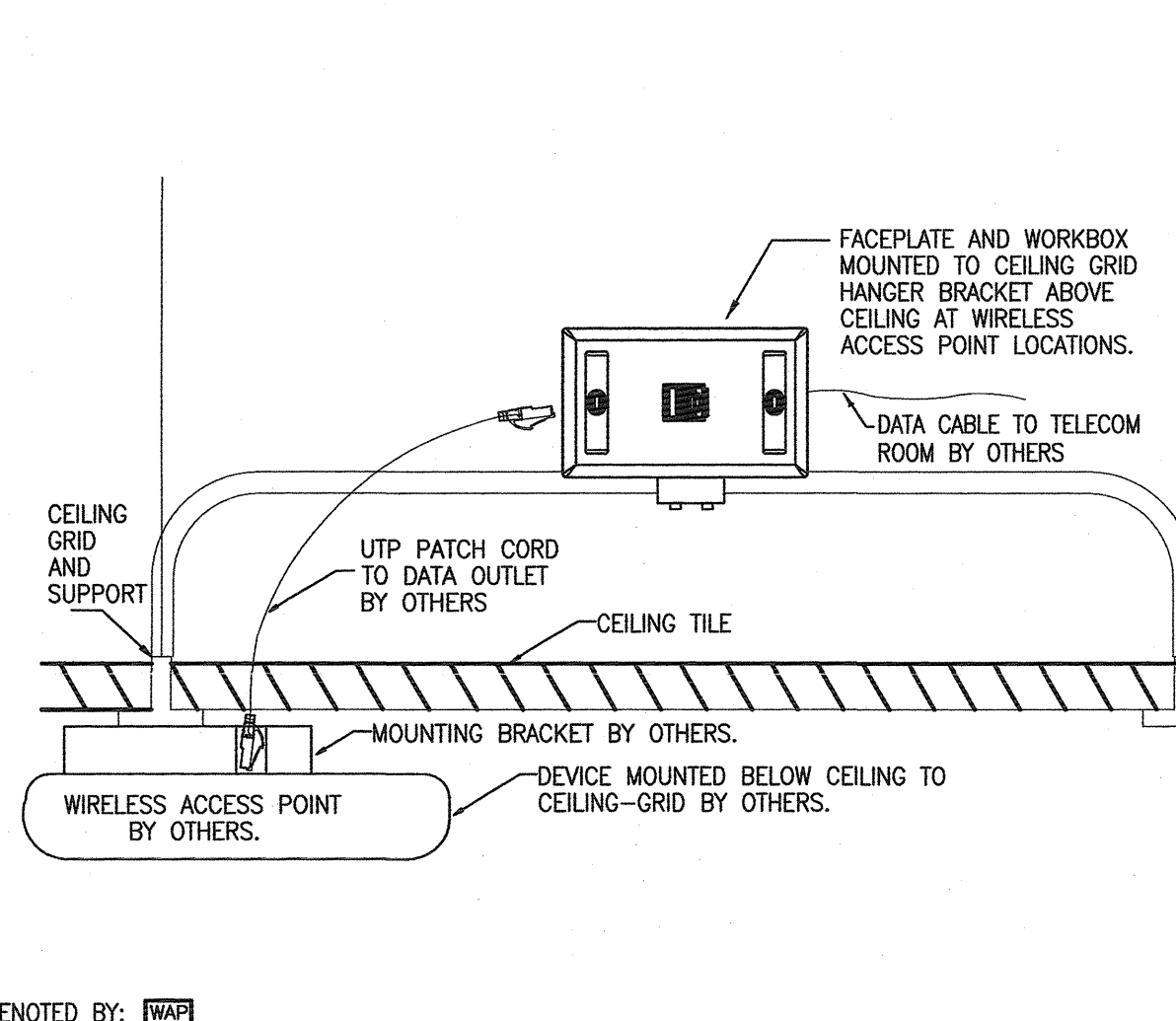


NOTE: RECEPTACLES ARE TO BE INSTALLED FACING UP.

DENOTED BY: ON PLANS

### 6 CONNECTRAC RACEWAY - COLLABORATION

N.T.S.



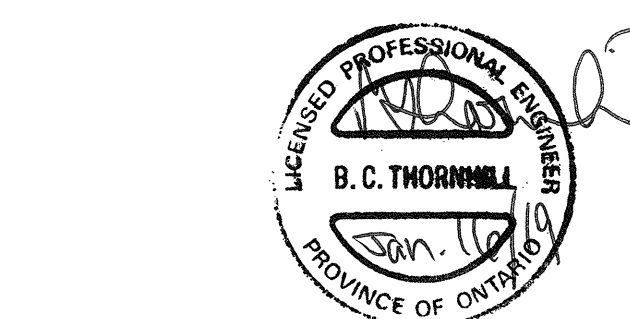
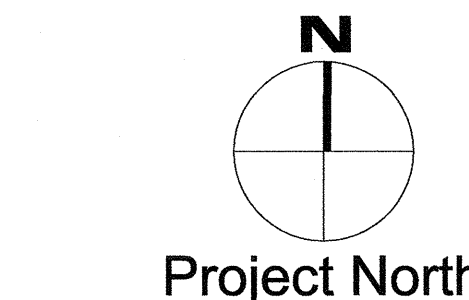
### 8 WIRELESS ACCESS POINT MOUNTING

N.T.S.

| REMOVE | EXISTING TO REMAIN | NEW AND/OR RELOCATED | ELECTRICAL LEGEND   |
|--------|--------------------|----------------------|---|
|        |                    |                      | 610mm x 610mm FLUORESCENT FIXTURE, LETTER DENOTES TYPE.   |
|        |                    |                      | 305mm x 1220mm LIGHT FIXTURE, LETTER DENOTES TYPE.  |
|        |                    |                      | 305mm x 1220mm LIGHT FIXTURE ON UNSWITCHED EMERGENCY LIGHTING CIRCUIT, LETTER DENOTES TYPE.       |
|        |                    |                      | STRIP FIXTURE, LENGTH AS SHOWN, LETTER DENOTES TYPE.  |
|        |                    |                      | COVE FIXTURE, LENGTH AS SHOWN, LETTER DENOTES TYPE.   |
|        |                    |                      | SUSPENDED LED FIXTURE, LETTER DENOTES TYPE.   |
|        |                    |                      | LED FIXTURE, SIZE AS SHOWN, LETTER DENOTES TYPE.  |
|        |                    |                      | TRACK LIGHT FIXTURE, LETTER DENOTES TYPE.   |
|        |                    |                      | DOWNLIGHT FIXTURE, LETTER DENOTES TYPE.   |
|        |                    |                      | DOWNLIGHT FIXTURE ON UNSWITCHED EMERGENCY LIGHTING CIRCUIT, LETTER DENOTES TYPE.                  |
|        |                    |                      | WALL MOUNTED FIXTURE, LETTER DENOTES TYPE.  |
|        |                    |                      | EXIT LIGHT, CEILING MOUNTED, C/W DIRECTIONAL ARROWS AS NOTED.                                     |
|        |                    |                      | DIMMER SWITCH (OS = OCCUPANCY SENSOR).  |
|        |                    |                      | 20A, 1P, 347V LIGHT SWITCH.   |
|        |                    |                      | 20A, 1P, 120V LIGHT SWITCH.   |
|        |                    |                      | LOW VOLTAGE DUAL TECHNOLOGY OCCUPANCY SENSOR, CEILING MOUNTED.                                    |
|        |                    |                      | FIRE ALARM PULL STATION.  |
|        |                    |                      | FIRE ALARM SPEAKER, CEILING MOUNTED TYPE.   |
|        |                    |                      | COMBINATION FIRE ALARM SPEAKER/STROBE, CEILING MOUNTED TYPE.                                      |
|        |                    |                      | 15A, 120V, DUPLEX RECEPTACLE, LINE ACROSS INDICATES ELEVATED HEIGHT.                              |
|        |                    |                      | 15A, 120V, DUPLEX RECEPTACLE ON DEDICATED CIRCUIT, LINE ACROSS INDICATES ELEVATED HEIGHT.         |
|        |                    |                      | SPECIAL RECEPTACLE AS NOTED, LINE ACROSS INDICATES ELEVATED HEIGHT.                               |
|        |                    |                      | QUADPLEX, 15A, 120V, TWO (2) DUPLEX RECEPTACLES UNDER COMMON COVER PLATE.                         |
|        |                    |                      | 15A, 120V, CEILING MOUNTED DUPLEX RECEPTACLE.   |
|        |                    |                      | FURNITURE POLE FEED CONNECTION.   |
|        |                    |                      | ALUMINUM TWO (2) COMPARTMENT POWER AND COMMUNICATION SERVICE POLE C/W TWO (2) DUPLEX RECEPTACLES. |
|        |                    |                      | HARD WIRED CONNECTION TO EQUIPMENT.   |
|        |                    |                      | 15A, 120V, FLOOR MOUNTED DUPLEX RECEPTACLE.   |
|        |                    |                      | COMBINATION FLOOR BOX.  |
|        |                    |                      | SURFACE MOUNTED ELECTRICAL PANEL.   |
|        |                    |                      | TRANSFORMER (RATED AS SHOWN).   |
|        |                    |                      | JUNCTION BOX.   |
|        |                    |                      | MOTOR CONNECTION.   |
|        |                    |                      | UP/DOWN 'ROCKER' STYLE SWITCH.  |
|        |                    |                      | SPEED CONTROL.  |
|        |                    |                      | MOTOR RATED SWITCH.   |
|        |                    |                      | COMBINATION TELEPHONE/DATA OUTLET.  |
|        |                    |                      | TV OUTLET.  |
|        |                    |                      | CARD ACCESS (CONDUIT/BACK BOX ONLY, DEVICES AND WIRING BY OTHERS).                                |
|        |                    |                      | DOOR CONTACT (CONDUIT/BACK BOX ONLY, DEVICES AND WIRING BY OTHERS).                               |
|        |                    |                      | ELECTRIC STRIKE (CONDUIT/BACK BOX ONLY, DEVICES AND WIRING BY OTHERS).                            |
|        |                    |                      | REQUEST TO EXIT (CONDUIT/BACK BOX ONLY, DEVICES AND WIRING BY OTHERS).                            |
|        |                    |                      | WIRELESS ACCESS POINT (BACK BOX ONLY, DEVICES AND WIRING BY COMMUNICATION CONTRACTOR).            |
|        |                    |                      | PUSH BUTTON (CONDUIT/BACK BOX ONLY, DEVICES AND WIRING BY OTHERS).                                |

### ELECTRICAL DRAWING LIST

| DWG. # | DESCRIPTION                                      |
|--------|--|
| ED-1   | ELECTRICAL: 17TH FLOOR - DEMOLITION              |
| ED-2   | ELECTRICAL: 19TH FLOOR - DEMOLITION              |
| ED-3   | ELECTRICAL: 20TH FLOOR - DEMOLITION              |
| ED-4   | ELECTRICAL: 21ST FLOOR - DEMOLITION              |
| E-1    | ELECTRICAL: LEGEND, DRAWING LIST AND DETAILS     |
| E-2    | ELECTRICAL: 17TH FLOOR - LIGHTING AND FIRE ALARM |
| E-3    | ELECTRICAL: 17TH FLOOR - POWER AND SYSTEMS       |
| E-4    | ELECTRICAL: 19TH FLOOR - LIGHTING AND FIRE ALARM |
| E-5    | ELECTRICAL: 19TH FLOOR - POWER AND SYSTEMS       |
| E-6    | ELECTRICAL: 20TH FLOOR - LIGHTING AND FIRE ALARM |
| E-7    | ELECTRICAL: 20TH FLOOR - POWER AND SYSTEMS       |
| E-8    | ELECTRICAL: 21ST FLOOR - LIGHTING AND FIRE ALARM |
| E-9    | ELECTRICAL: 21ST FLOOR - POWER AND SYSTEMS       |
| E-10   | ELECTRICAL: PARTIAL SINGLE LINE DIAGRAM          |



Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

| revisions | description                  | date       |
|-----------|------------------------------|------------|
| 03        | Issued for Tender            | 2018-01-15 |
| 02        | Issued for 99% Client Review | 2018-04-08 |
| 01        | Issued for 65% Client Review | 2018-02-16 |

| A                         | B                                    | C                       |
|---------------------------|--------------------------------------|-------------------------|
| A detail no. n° de detail | B location drawing no. sur dessin n° | C drawing no. dessin n° |

Generic Swing Space at LEL West Tower

300 Laurier West, Ottawa, ON

drawing design

ELECTRICAL:  
LEGEND, DRAWING LIST AND DETAILS

|                 |                           |              |  |
|-----------------|---------------------------|--------------|--|
| Designed By     | C.J.                      | Conçu par    |  |
| Date            | 2018-02-09                | (aaaa/mm/jj) |  |
| Drawn By        | C.J.                      | Dessiné par  |  |
| Date            | 2018-02-09                | (aaaa/mm/jj) |  |
| Reviewed By     | B.T.                      | Examiné par  |  |
| Date            | 2018-02-09                | (aaaa/mm/jj) |  |
| Approved By     | B.T.                      | Approuvé par |  |
| Date            | 2018-02-09                | (aaaa/mm/jj) |  |
| Tender          | Brent Cheff               | Soumission   |  |
| Project Manager | Administrateur de projets |              |  |
| Project no.     | N° du projet              |              |  |
|                 | R.088901.013              |              |  |
| Drawing no.     | N° du dessin              |              |  |
|                 | E-1                       |              |  |