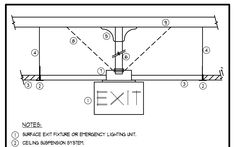
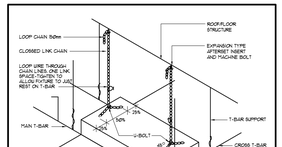
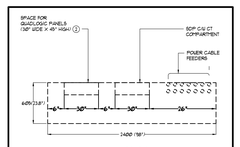


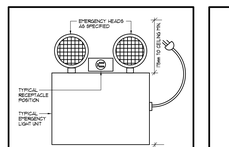
1 | SURFACE EXIT FIXTURE



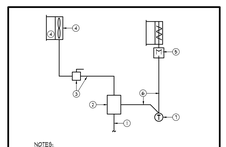
2 | LUMINAIRE SUSPENSION DETAIL, T-BAR CEILING



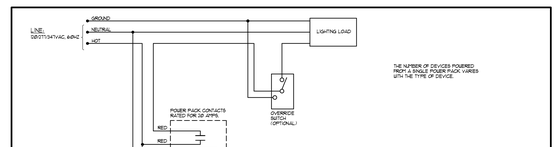
3 | TYPICAL ELECTRICAL CLOSET DETAIL



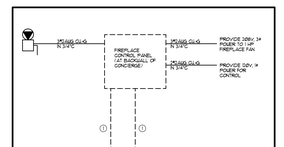
4 | MOUNTING HEIGHT DETAIL OF EMERGENCY BATTERY PACK



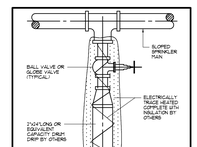
5 | EXHAUST FAN/MOTORIZED INTAKE DAMPER WIRING DIAGRAM



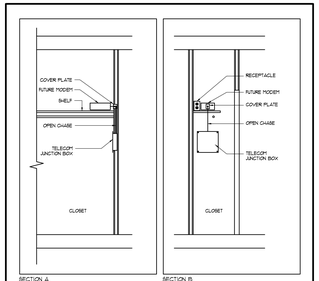
6 | LIGHTING CONTROL BLOCK DIAGRAM



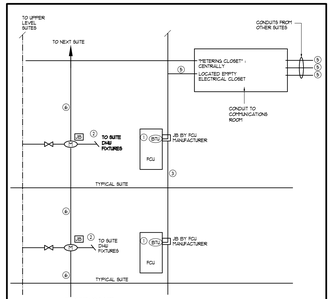
7 | FIREPLACE CONNECTION DIAGRAM



8 | DRUM DRIP - AT LOW POINT- DETAIL

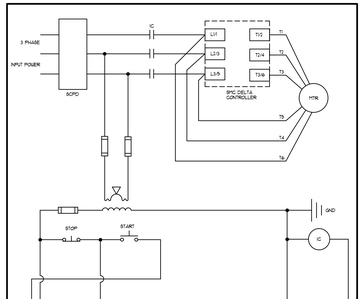


9 | TELECOMMUNICTION BOX INSTALLATION DETAIL

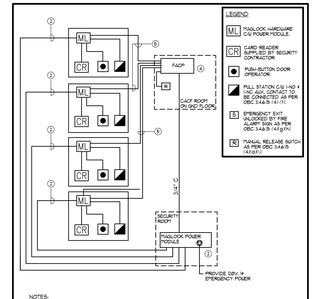


NOTES:
1) BTU METER INTEGRAL TO FAN COIL UNIT, INSTALLED BY FCU MANUFACTURER.
2) DOMESTIC HOT WATER METER LOCATED NEXT TO SUITE SHUT OFF VALVE. METER IS INSTALLED BY DIV. 15.
3) DIV. 16 TO SUPPLY AND INSTALL 1/2" EPT CONDUIT. DIV. 16 TO PULL SIGNAL WIRE WIRE SUPPLIED BY OTHERS.
4) DIV. 16 TO SUPPLY AND INSTALL 1/2" TRUFLOW CONDUIT FROM WATER METER TO J5 AT SUITE FAN COIL. DIV. 16 TO PULL SIGNAL WIRE WIRE SUPPLIED BY OTHERS. FINAL CONNECTION TO METERS BY OTHERS.
5) DIV. 16 TO PROVIDE 19-SLAB CONDUIT AT MID-LEVEL FLOOR FROM VERTICAL RISERS TO CENTRAL METERING LOCATION.
6) DIV. 16 TO INSTALL 1/2" EPT CONDUIT TO CONNECT WATER METER AT EVERY SUITE AS A DEDICATED RISER.
7) THIS DETAIL IS TYPICAL FOR BOTH LOFT AND MAIN TOWER SUITES.

10 | TYPICAL SUITE WATER/BTU METERING DETAIL

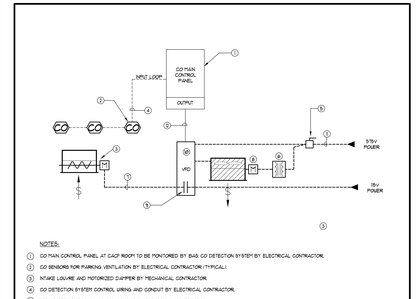


8 | SMC-DELTA WIRING DIAGRAM: THREE WIRE CONTROL WITH OPTIONAL ISOLATION CONTACTOR



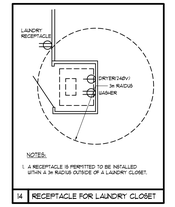
NOTES:
1) CONSULT SECURITY CONTRACTOR PRIOR TO SELECT OF MAGLOCK SUPPLIER.
2) CONNECT MAGLOCK POWER MODULES TO THE NEAREST EMERGENCY CIRCUIT. (WIRE SIZE: 1#2 AWG)
3) PROVIDE 3-#12 FOR 24V DC POWER FROM MAGLOCK POWER MODULE.
4) CONNECTION AUXILIARY CONTACT FROM FAGT TO RELEASE ALL MAGLOCK UPON ACTUATION OF A FIRE ALARM SIGNAL.
5) MAGLOCK TO RELEASE UPON POWER FAILURE OR FAILURE OF FIRE ALARM WIRING AS PER OBC 3.4.6.11(4).(c).
6) THE OPERATION OF ANY BY-PASS SWITCH WHERE PROVIDED FOR TESTING OF THE FIRE ALARM SYSTEM, CAUSES AN AUDIO & A VISUAL SIGNAL TO BE INDICATED AT THE FAAP. (OBC 3.4.6.11.(J)
7) FIRE ALARM PULL STATIONS ARE REQUIRED TO BE LOCATED AT NOT MORE THAN 600MM FROM THE DOOR EQUIPPED WITH A MAGLOCK (OBC 3.4.6.11.(K))

12 | MAGLOCK CONNECTION BLOCK DIAGRAM

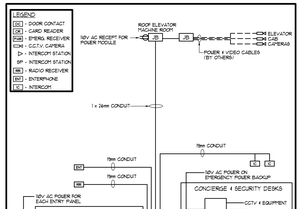


NOTES:
1) CO MAIN CONTROL PANEL AT CAGT ROOM TO BE MONITORED BY BAS. CO DETECTION SYSTEM BY ELECTRICAL CONTRACTOR.
2) CO SENSORS FOR PARKING VENTILATION BY ELECTRICAL CONTRACTOR (TYPICAL).
3) INTAKE LOUVRE AND MOTORIZED DAMPER BY MECHANICAL CONTRACTOR.
4) CO DETECTION SYSTEM CONTROL WIRING AND CONDUIT BY ELECTRICAL CONTRACTOR.
5) 575V SAFETY SWITCH WIRING AND CONDUIT BY ELECTRICAL CONTRACTOR.
6) 575V/115V STEP DOWN TRANSFORMER SUPPLIED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
7) 115V WIRING AND CONDUIT BY ELECTRICAL CONTRACTOR.
8) EXHAUST FAN BY MECHANICAL CONTRACTOR.
9) AUXILIARY DRY CONTACT FROM VFD STARTER TO ACTIVATE DAMPER WHEN FAN IS RUNNING.
10) EXHAUST FAN VFD C/U AUXILIARY DRY CONTACT SUPPLIED BY MECHANICAL CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
11) 575V WIRING AND CONDUIT BY ELECTRICAL CONTRACTOR.
12) OUTPUT WIRING SUPPLIED BY DIV. 16

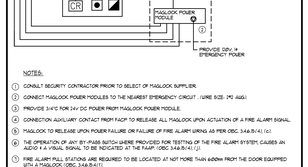
13 | CO MAIN PANEL (FOR PARKING VENTILATION) CONTROL DETAIL



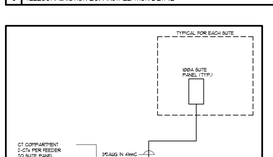
14 | RECEPTACLE FOR LAUNDRY CLOSET

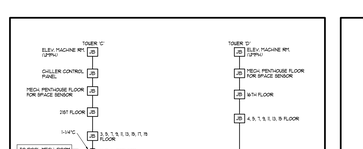


16 | SECURITY CONNECTION DIAGRAM DETAIL



15 | UNIT HEATER WIRING DIAGRAM



NOTES:
1) DIV. 16 TO PROVIDE AN INTEGRATED PANEL CONSISTING OF A REGULAR PANELBOARD AND A CT COMPARTMENT.
2) DIV. 16 TO PURCHASE 2CTS PER SUITE FROM PROVIDENT AND INSTALL AT CT COMPARTMENT AT SUITE FEEDER CABLES. DIV. 16 TO CONNECT CTS TO QUADLOGIC PANELS.
3) 3/4" CONDUIT BY DIV. 16, WIRING BY OTHERS.

17 | QUADLOGIC INTERCONN BLOCK DIAGRAM