

## Electrical Photographs



**Photo No. 1– Main Electrical Room:** Main Switchboards No. 1 and No. 2 each have their own SMUD meter. Note that the two panels face each other.



**Photo No. 2– Distribution Bus Duct Risers:** Risers typical of distribution bus duct on each floor.



**Photo No. 3– Distribution System:** Typical dry type distribution transformer and electrical panel.



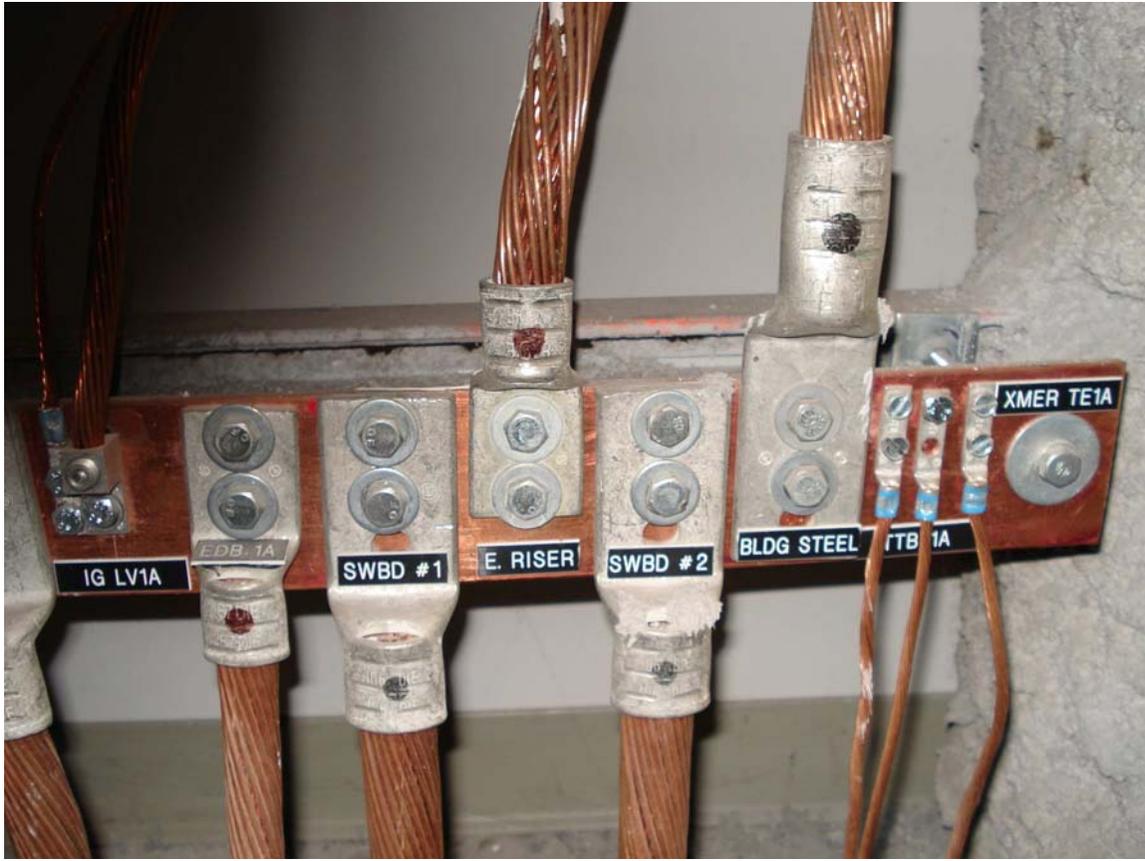
**Photo No. 4 – Parking Garage Electrical Service**



**Photo No. 5 – Damaged Control Panel, Generator Room:** Control panel is damaged and some retaining bolts are missing. Equipment should be cleaned and repaired.



**Photo No. 6 – Monitoring Equipment in Generator Room:** A damaged piece of monitoring equipment seems to have been broken for some time.



**Photo No. 7– Main Grounding Electrode in Main Electrical Room:** The main ground bar for the grounding electrode system.



**Photo No. 8 – Typical Grounding Bar:** A similar grounding bar is installed in each electrical room and electrical closet.



**Photo No. 9 – Printer Power Strips:** Overloaded power strips were observed at various printer areas throughout the review.



**Photo No. 10 – Break Room Power Strips:** This conference room has been converted into a break room and several kitchen appliances connected to a power strip.



**Photo No. 11 – Appliance Extension Cords:** This microwave is plugged into a non-grounding, light duty extension cord, see photo below. Note that this break room has been rearranged, with a coffee station occupying the location designed for the refrigerator.





**Photo No. 12 – Workstations in Mail Sorting Room:** These works stations and a shop vacuum are sharing a single circuit.



**Photo No. 13 – Workstations in Training Room:** These workstations are powered by three UPS units chained together with one of them plugged into a single receptacle.



**Photo No. 14 – Countertop Receptacle in Day Care Kitchen:** This is one of two countertop receptacles in the day care kitchen that are not GFCI type.



**Photo No. 15 – Vending Machines in Cafeteria:** These vending machines use receptacles that are not effectively dedicated (by placement behind machine). Two adjacent machines share one receptacle. Note the notice posted above one of the receptacles, below.





**Photo No. 16 – Printer Station:** These printers are “borrowing” power from the adjacent cubicle. Note the power cords routed under the partition.