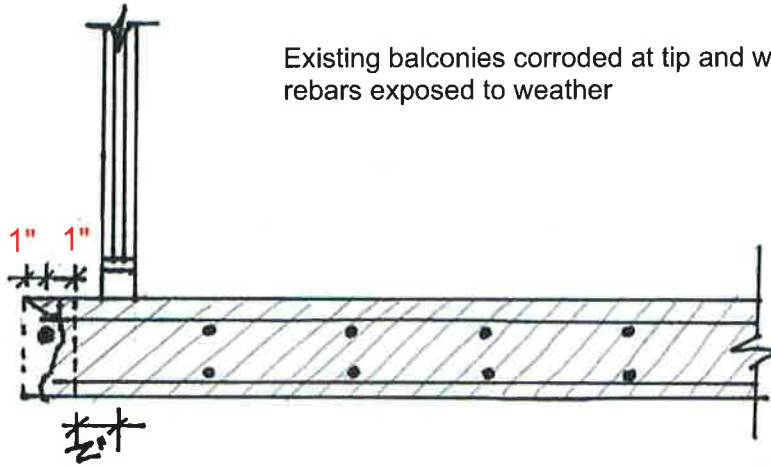
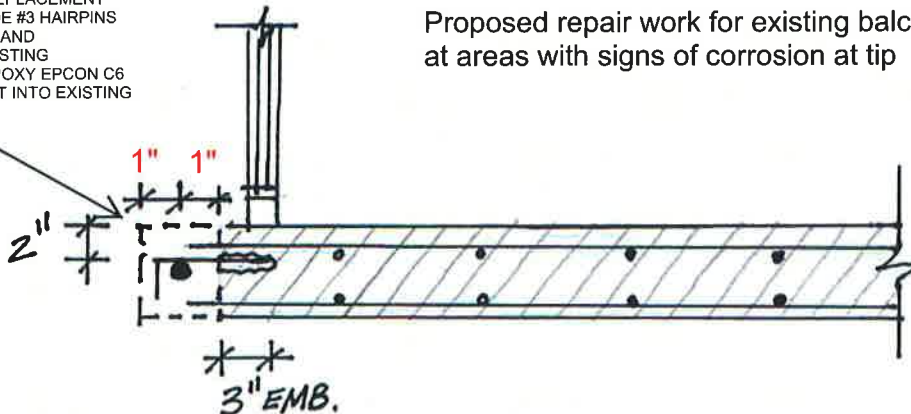


Existing balconies corroded at tip and with
rebars exposed to weather



WHERE BAR REPLACEMENT IS
REQUIRED PROVIDE 24" LAP SPLICE
AT ENDS OF NEW REPLACEMENT
BARS. ALSO PROVIDE #3 HAIRPINS
PLACED AS SHOWN AND
CONNECTED TO EXISTING
CONCRETE WITH EPOXY EPCON C6
WITH 3" EMBEDMENT INTO EXISTING
CONCRETE

Proposed repair work for existing balconies
at areas with signs of corrosion at tip



REPAIR PROCEDURE

- 1.- AT AREAS WITH SIGNS OF CORROSION OR WITH EXPOSED BARS THE CONCRETE SHALL BE CHIPPED PROVIDING A VERTICAL SURFACE AT LEAST 1" BEYOND EXISTING BAR. CONCRETE SHALL BE REMOVED ALL THE WAY ALONG REINFORCING BARS UNTIL THERE IS NO SIGNS OF CORROSION.
- 2.- CLEAN CUT AREA THOROUGHLY AND COAT EXPOSED REINFORCEMENT WITH A WATER BASED CORROSION INHIBITOR.
- 3.- IF UPON CLEANING EXISTING REINFORCEMENT IT LOOSES 10% OR MORE OF ITS AREA, IT SHALL BE REPLACE BY ANOTHER BAR OF THE SAME AREA PLACED AS INDICATED ON DETAIL ABOVE.
- 4.- AFTER THE CLEANING AND CORROSION INHIBITOR APPLICATION IS FINISHED, THE TIP OF THE BALCONY SHALL BE FORMED AND RE-POURED WITH EPOXY GROUT OF AT LEAST 5,000 PSI COMPRESSIVE STRENGTH.

Design / Inspection / Investigation / Testing & Reports

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