

POOL FAILURE ISSUES

AGE: OVER 63% OF THE POOLS ARE OVER 40 YEARS OLD.

MATERIALS FAILURE

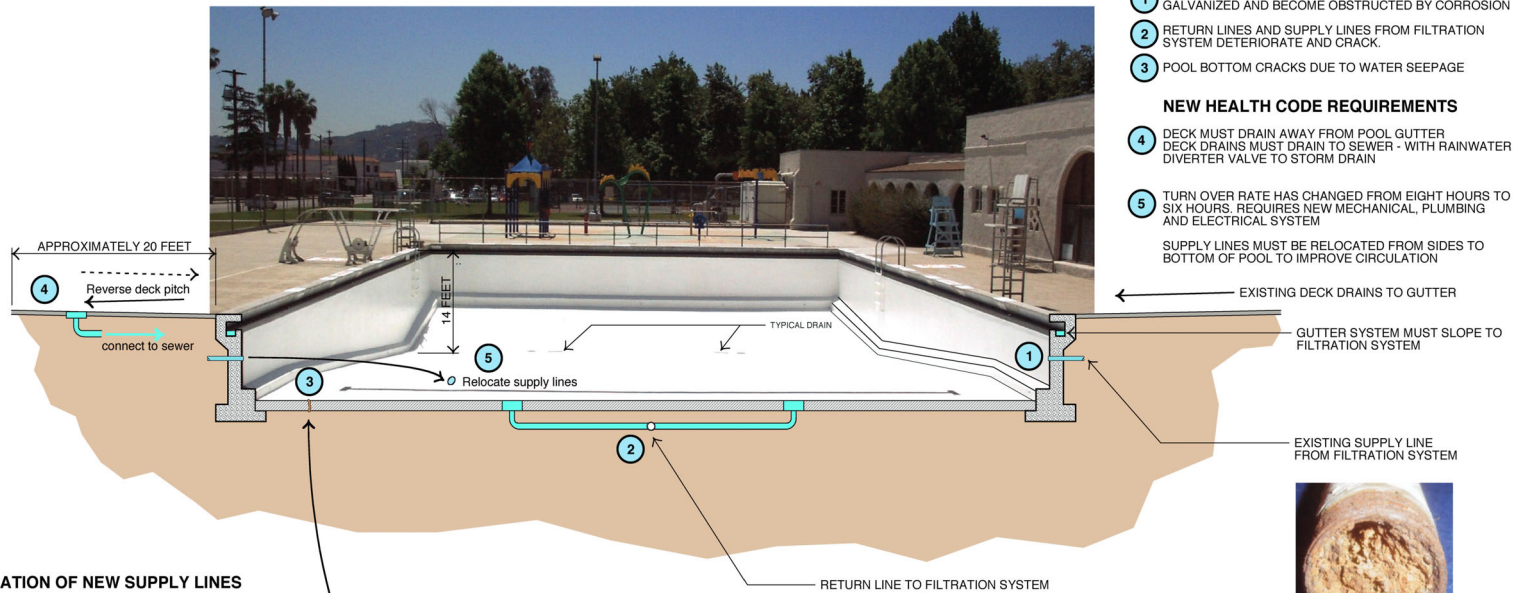
- ① SUPPLY LINES FROM FILTRATION SYSTEM ARE USUALLY GALVANIZED AND BECOME OBSTRUCTED BY CORROSION
- ② RETURN LINES AND SUPPLY LINES FROM FILTRATION SYSTEM DETERIORATE AND CRACK.
- ③ POOL BOTTOM CRACKS DUE TO WATER SEEPAGE

NEW HEALTH CODE REQUIREMENTS

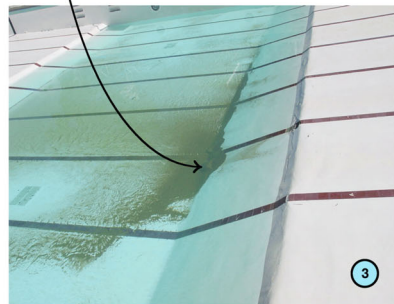
- ④ DECK MUST DRAIN AWAY FROM POOL GUTTER DECK DRAINS MUST DRAIN TO SEWER - WITH RAINWATER DIVERTER VALVE TO STORM DRAIN
- ⑤ TURN OVER RATE HAS CHANGED FROM EIGHT HOURS TO SIX HOURS. REQUIRES NEW MECHANICAL, PLUMBING AND ELECTRICAL SYSTEM

SUPPLY LINES MUST BE RELOCATED FROM SIDES TO BOTTOM OF POOL TO IMPROVE CIRCULATION

TYPICAL POOL CROSS-SECTION



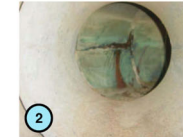
INSTALLATION OF NEW SUPPLY LINES



PROBLEM:
CRACKS IN SUPPLY OR RETURN WATER SYSTEM UNDERMINES POOL BOTTOM AND CREATES CRACKS.

CONSEQUENCES:
SEDIMENT LEACHES INTO POOL. HYDROSTATIC PRESSURE CAUSES UPLIFTING OF POOL. GUTTERS NO LONGER DRAIN PROPERLY.

PROBLEM:
DETERIORATED & CRACKED SUPPLY OR RETURN LINES LEAK WATER.



CONSEQUENCES:
WATER UNDER POOL CREATES HYDROSTATIC PRESSURE WHICH UNDERMINES FOUNDATION AND SYSTEMS



PROBLEM:
GALVANIZED IRON WATER SUPPLY PIPES ARE CORRODED

CONSEQUENCES:
INADEQUATE TURNOVER OF FILTERED WATER RESULTS IN MURKY WATER

POOL REPAIR / REPLACEMENT

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