PROJECT RESTORED WATER QUALITY, NATURAL RESOURCES AND SCENIC VIEWS FOLLOWING THE ORIGINAL, HISTORIC 1934 LANDSCAPE ARCHITECTURE DESIGN

BELOW: VIEWS BEFORE RESTORATION – EXTERNAL AND INTERNAL VIEWS OF PARK

ABOVE LEFT: OVER TIME, RANDOM TREE & SHRUB PLANTINGS BLOCKED VIEWS FROM ROAD
ABOVE RIGHT: TALL, NON-NATIVE, INVASIVE CATTAILS PREVENTED VIEWS OF POND, ISLAND

ABOVE: AFTER RESTORATION, 2018: NEW TREES, LOW GROWING PLANTS RESTORED SCENIC VIEWS OF THE POND, ISLAND AND MONUMENTS
BELOW: AFTER RESTORATION – FALL, 2018:

BELOW: EXTREMELY DEGRADED WATER QUALITY - BEFORE RESTORATION:
DEAD AND SEVERELY DECLINING TREES - BEFORE RESTORATION:

BEFORE RESTORATION

AFTER RESTORATION - 2019
AFTER RESTORATION:

POND SHORELINE - *SPRING 2019*
LOW GROWING PLANTS STILL DORMANT

POND SHORELINE - *SUMMER 2018*
LOW GROWING PLANTS NEWLY ESTABLISHED

BELOW: DURING RESTORATION – UNDERWATER SIDE SLOPES WILL NO LONGER ERODE

BELOW: RUSTED, FAILING SHEET PILE DAM REMOVED, PREVENTING POTENTIALLY CATASTROPHIC FAILURE AND IRREPARABLE PARK DAMAGE. REPLACED WITH BRIDGE
WATER TABLE = SATURATED UNDERGROUND SOILS (GROUNDWATER).
THE WATER TABLE RISES AND FALLS IN SYNC WITH GREAT LAKES ELEVATIONS.
THIS IS MOST NOTICEABLE DURING PERIODS OF HIGH PRECIPITATION AND SNOW MELT.

HIGH WATER TABLE
Rain puddles dry up much more slowly during these periods, because the water table is close to
or right at the surface of the ground. People often get water in their basements during these
periods. Lawns in low lying areas remain soggy during these periods.

MUSKEGON RIVER
The Muskegon River levels rise and fall during and following rain storms.
This causes a more temporary wet condition, compared to those caused by high water table
periods. Soon after a rainstorm ends, river levels go back to pre-storm conditions and surface
puddles drain away relatively quickly. This generally happens over the course of a few days or
less, depending on how long the rain storm lasts.