

**City of Fort Collins Recreation
EPIC Renovation List
August 23, 2016**

MISCELLANEOUS NATATORIUM WORK

1. Install new Guardian Fiberglass Strainers.
2. Shut down and startup of the HVAC system including new filters will be performed by City.
3. Pump room re-piping & re-configuration.
4. Chlorine System
5. Existing gas chlorine system will be converted to liquid bleach out of safety concerns.
6. Install access hatch to south plenum area to gain access to plumbing and HVAC.
7. Emergency shower and eyewash
8. Raise the 1-Meter diving boards.
9. New depth markers.
10. New pipe hangers throughout.
11. New electrical throughout
12. Raise competition pool surge tank walls and catwalk.
13. Add door curbs around the surge tank.
14. Install new acid containment enclosure.
15. Install motorized ball valves at all heat exchanger bypass loops.
16. Survey existing pool elevations, depths and surge tank rim.
17. Install new air compressor system to be used by each filter.

LAP POOL

1. Replace Gutter & Plumbing
 - a) Demo Existing Gutter
 - Demo of existing gutter to prepare for the new gutter system
 - b) New gutter system to be raised and flush with existing pool deck.
2. Removal of a portion of the deck to access plumbing
 - a) New Gutter
 - b) Re-plumb Plumbing from Gutter to Tank
 - Circulation of pool supply line and dropout lines back to tank
 - Return lines to be increased from 4" to 12".
 - Core drill for new plumbing in gutter system and pool return inlets
 - c) Provide Valves to Balance Tank
 - Provide float, drain, and tank valves with fittings
3. Pool Bulkheads – Two Total – Stark
 - a) Replace existing per plans/spec's Bulkheads must span the gutters and mount on the pool deck.
 - b) Removal and recycling of existing bulkheads.
4. Re-plumbing of Circulation Lines
 - a) Re-plumb plumbing from tank/return line in equipment room with fittings and valves.
5. New Regenerative Filter
 - a) Neptune Benson filter, plumbing, compressor, valves, and controls
6. Surge tank repair.
7. Replace heat exchanger plumbing loop.
8. Pressure test existing main drain plumbing.

9. Refinish handrails and grab rails as noted in plans.
10. Install new autofill system.
11. New UV system.
12. Re-use existing CO2 system.
13. Re-use existing VFD.
14. Install new chemical controller.
15. Install new filter backwash pumps.
16. Install new circulation pumps.
17. Install new strainers.

THERAPY POOL

1. Re-plumbing Circulation Lines
 - a) Re-plumb plumbing from tank to return line in equipment room with fittings and valves
2. Regenerative Filter
 - a) Re-use existing filter
3. Pressure test all existing main drain plumbing.
4. Refinish handrails.
5. Install new autofill system.
6. Re-use existing CO2 system.
7. Re-use existing VFD.
8. Install new chemical controller.
9. Install new filter backwash pumps.
10. Install new circulation pumps.
11. Install new strainers.
12. Re-use existing UV system.

KIDS POOL

1. Re-plumbing Circulation Lines
 - a) Re-plumb plumbing from tank to return line in equipment room with fittings and valves
2. New Regenerative Filter
 - a) Neptune Benson filter, plumbing, compressor, valves, and controls
3. Pressure test all existing main drain plumbing.
4. Refinish handrails.
5. Re-use existing CO2 system.
6. Install new VFD.
7. Install new UV system.
8. Install new chemical controller.
9. Install new filter backwash pumps.
10. Install new circulation pumps.