

Dry Pond and Athletic Park Construction

The Construction of the Dry Pond and Athletic Park was a large scale project completed by Wilco Contractors Northwest Inc. The Lendrum Place Dual Use Dry Pond, valued at 3.5 million dollars is featured on their company website, with pictures showing various stages of the construction along with informative facts outlining the scope of the work.

Did you know that the subdrainage network of the pond contains 1,570 linear metres of drainage trench and piping? The landscaping was finished with 27,550 m² of sod!

| | | | |
|-------------------------|--|------------------------|---|
| Contract Date: | October 31, 2008 | Owner: | City of Edmonton |
| Superintendent: | Ken Kuntz / Karl Nikiforuk | Contact: | Minnan Liu minnan.liu@edmonton.ca |
| Project Manager: | Jeremy Williams | Consultant: | Stantec Consulting Ltd. |
| Subcontractors: | MR Electric Cyber Tech Winalta Paving | Contact: | Dave Krywiak dave.krywiak@stantec.com |
| Description: | Large Urban Park site and Open Space Park Facility, Dual Functioning as a SWMF for flash flooding as well as for a school ground track and field / soccer and baseball pitch facility c/w concrete amphitheater and asphalt walkways | Key Challenges: | Specialized drainage layer below a specialized topsoil mix was utilized preventing any heavy equipment use for mass grading efforts. All equipment used was low weight track equipment to prevent damage to sub level drainage systems. |

| Item | Scope of Work |
|-----------------------------|--|
| Subdrainage Networks | <ul style="list-style-type: none"> ● 1,570 lm of drainage trench and piping ● 20,850 m2 drainage layer ● Survey and layout by GPS survey |
| Subgrade Preparation | <ul style="list-style-type: none"> ● Supplying composite topsoil sand mix 250mm depth on drainage layer ● Gravel trail sub-base / Asphalt trail sub-base ● 2,475 m2 250mm depth crushed shale on drainage layer |
| Concrete Forming | <ul style="list-style-type: none"> ● Construction of 3 reinforced concrete inlet outlet structures w/ steel grating and man access ● 21 lm of concrete seating. |
| Electrical Systems | <ul style="list-style-type: none"> ● Supply and Installation of submersible low pressure transducer ● Construction of monitoring station control cabinet with electrical components ● Setup and implementation of monitoring station to City's SCADA system ● Remove and relocate existing power, Shaw Cable, Shaw Fibre, and Telus phone services |
| Sports Fitments - Goals | <ul style="list-style-type: none"> ● Baseball Backstops, Soccer Goals, Players Benches, T-Bollards c/w piles, running track, long jump pits / take off boards. |
| Site Fitments - Furnishings | <ul style="list-style-type: none"> ● Benches, Picnic Tables, Litter Containers, Bicycle Racks, T-Bollards c/w piles ● Boulders Set in Concrete / Boulder Placement Throughout Turf Areas |
| Site Servicing | <ul style="list-style-type: none"> ● Installation of four (4) manhole's 1500mm – 2400mm Dia. ● Installation of 20.6m of 900mm Dia. storm sewer ● Installation of 63.3m of 1200mm Dia. storm sewer ● SCADA system Power Supply ● Remove and Relocate Existing Water service |
| Finished Landscaping | <ul style="list-style-type: none"> ● 27,550 m2 of sod / 2,265 wet and dry meadow seed ● Tree and Shrub Beds w/ mulch |

The resulting Lendrum Athletic Park is an excellent addition to the community with: a full sized soccer field, with two mini fields, a baseball diamond with benches, a 275 metre cinder track, a long jump and triple jump with cinder runways and paved paths throughout the park area.

The following pictures, showing various stages of construction of the Lendrum Dry Pond are courtesy of Wilco.ca - Lendrum Place Dual Use Dry Pond







\$0 - \$499,999

\$500,000 - \$999,999

\$1,000,000 - \$1,999,999

\$2,000,000 - \$4,999,999

\$5,000,000 +

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Lendrum Place Dry Pond

Client: The City of Edmonton

Location: Edmonton, AB

Award Winning APWA Project of the Year.

Scope involved excavation and stock piling of materials, fine grading of swales, amphitheatres, soccer fields, baseball fields, toboggan hills and pedestrian trails.

The project was completed on time.

<http://www.weinrichcontracting.com/lendrum-place-dry-pond>