

GREEN SCHOOL CONNECTIONS



innovation

resources

strategies

WHY LEED?

LEED IS THE NEW GREEN

Alberta Infrastructure – LEED Silver Mandate
Minimum Energy Efficiency Standard
Enhanced Commissioning (DB, P3)

By School Division

By Teachers

By Students

ALBERTA'S GREEN SCHOOL PORTFOLIO

They're Everywhere!

Beaverlodge

DeWinton

Airdrie

Calgary

Red Deer

Medicine Hat

Brooks

TallCree Nation

Edmonton

Lethbridge

Canmore

Langdon

Wetaskiwin

PERFORMANCE

PEOPLE

Health Access
Collaboration Safety
Education Community

PLANET

Energy Materials
Air Waste
Land Ecology
Water Systems

PREMIUM???

LEED Certified: 0%

LEED Silver: 1-3%

LEED Gold: 3-5%

LEED Platinum: 5-7%

HOW DOES IT WORK?

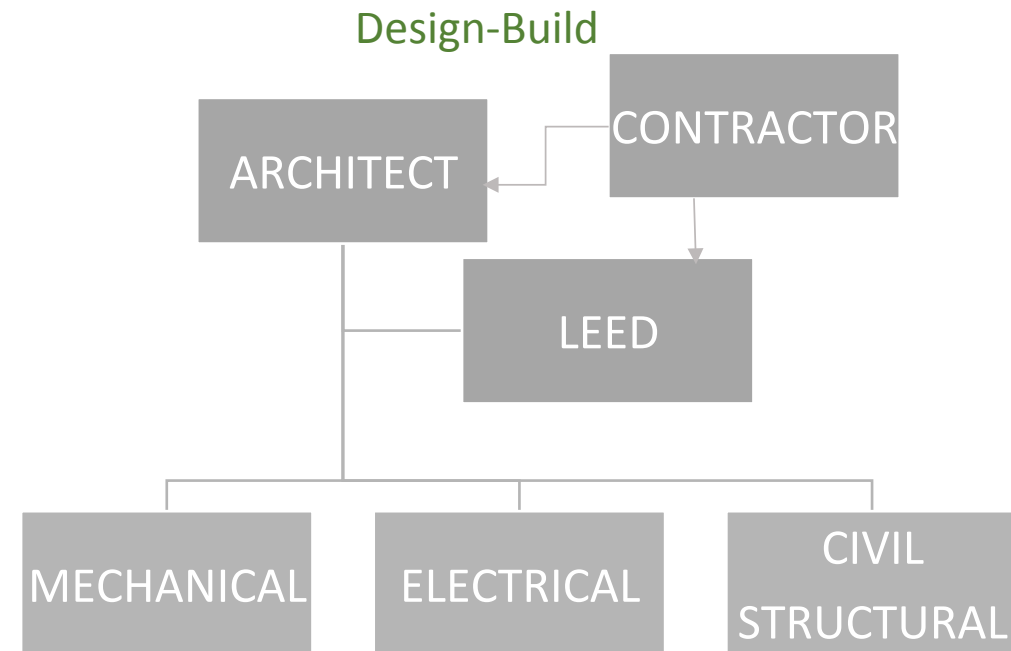
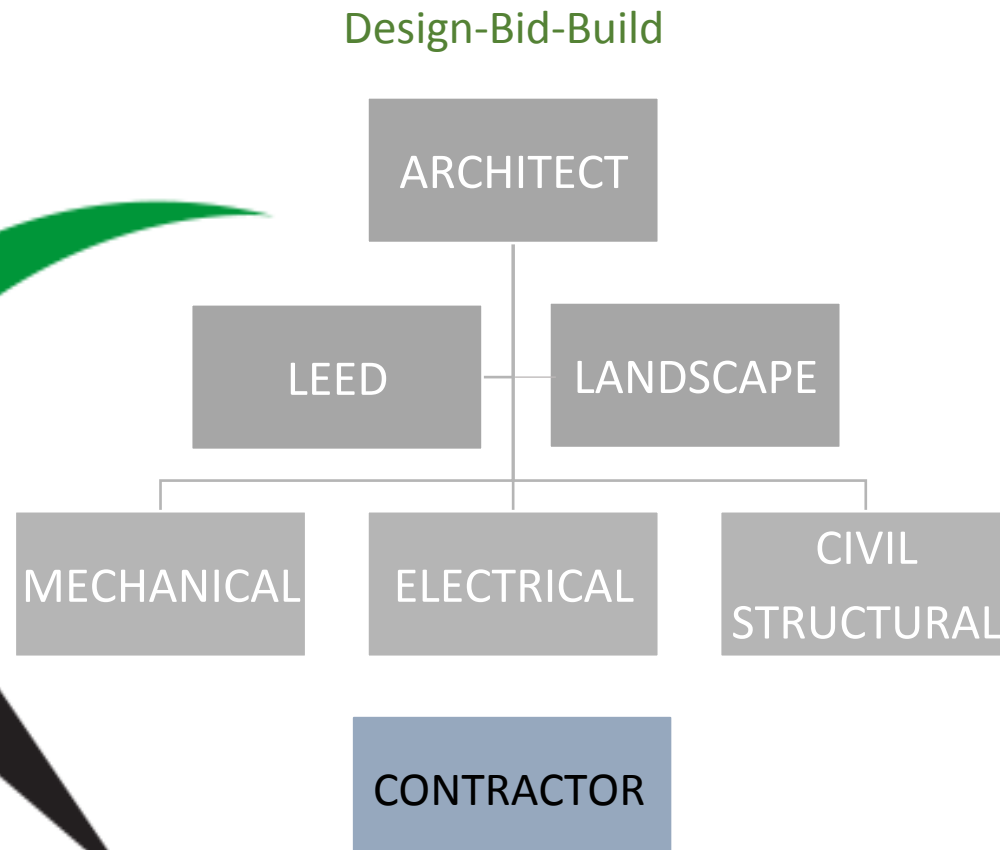
1. Project Announcement

Sample RFP Language:

- .4 The Design-Builder shall register this project to obtain Silver rating with the Canada Green Building Council (CaGBC) LEED™ Canada-NC 2009. Refer to relevant specification sections for general descriptions of work and the requirements for attainment of CaGBC LEED™ Canada-NC 2009 Silver Rating.

HOW DOES IT WORK?

2. The Team Assemblies



HOW DOES IT WORK?

3. Design & Construction

MATERIALS

Recycled
Regional
Reused
Renewable
Certified Wood

ENERGY

Efficiency
Operation
Metering
Renewables
Green Power

WATER

Irrigation
Potable Water

INDOOR AIR QUALITY

Ventilation
Healthy Products
Lighting
Heating
Daylight & Views

SUSTAINABLE

SITES Open Space
Light Pollution
Storm Water
Heat Island
Transportation
Linking

INNOVATION

STUDENT
GARDEN

ECO
CLUB

GREEN
BUILDING
CIRRICULUM

AMBIENT
LAB

GREEN
BUILDING
TOURS

COMMUNITY
USE

school as a
teaching tool

KEEP IT GOING!

global
oneness
project



research



LEARNING LAB

green apple
day of service

monitoring



observation



improvement



SUSTAINABLE
INTELLIGENCE

invention



CATALYZE AND CONNECT!

US Green Building
Council – Centre
for Green Schools

World Green
Schools Coalition

Canada Green
Building Council
(CaGBC)

Green Schools
Conference &
Expo

Green Apple
Day of Service

Green Classroom
Professional
Certificate

WHO'S OUT THERE?

Westpark
Middle School
(Red Deer)

Jasper
Junior/Senior
High School

Greenest School
in Canada 2016:
Lord
Shaughnessy!

Green Bronx
Machine - NYC

Haldane School
(Chase, BC)

Queen Elizabeth
High School
(Edmonton)

Westmount
(Okotoks, AB)

WHO and WHAT IS OUT THERE?

<https://www.natureworkseverywhere.org/home/>



https://www.cagbc.org/CAGBC/Programs/CanCoalitGrSchls/Canadian_Coalition_f.aspx

<http://www.centerforgreenschools.org/impact#greenest-school-on-earth>



<http://www.greenlearning.ca/about-us/>

<http://www.mygreenapple.org/dayofservice>



<http://www.seedsfoundation.ca/programs/green-schools-canada/>

<http://greenschoolsconference.org/>



<https://learninglab.usgbc.org/>