WSP on behalf of Shirestone Developments Ltd.



Public Hearing – June 15, 2015



Active Lifestyle Bungalow Living





## Springfield Location Between 2268 to 2376 Sackville Drive Little Springfield Lake Drain Lake





#### **OPEN SPACE DEVELOPMENT**

- Protects a minimum of 60% of existing natural features under agreement.
- Respects the rural character of Upper Sackville





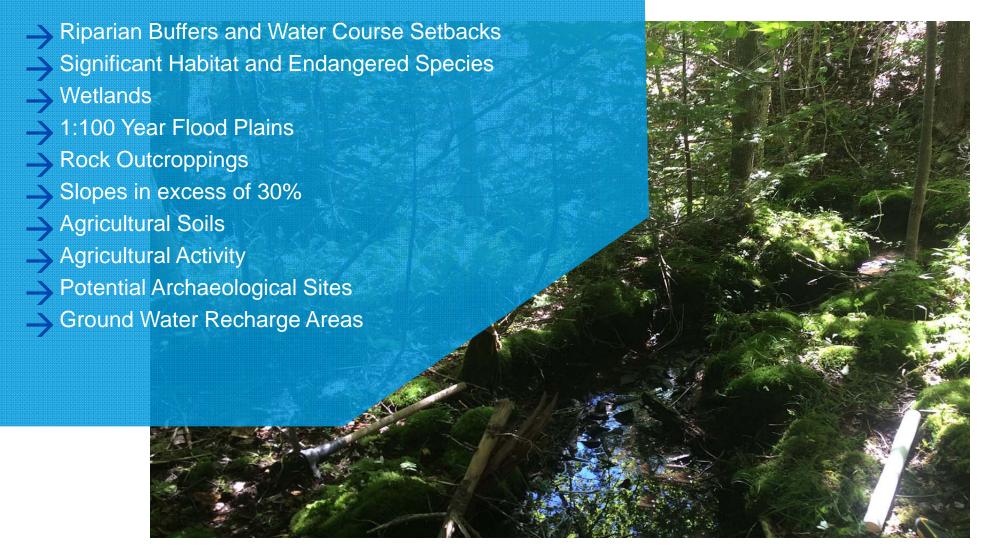
#### **Process To Date**







### **Primary Conservation Features**







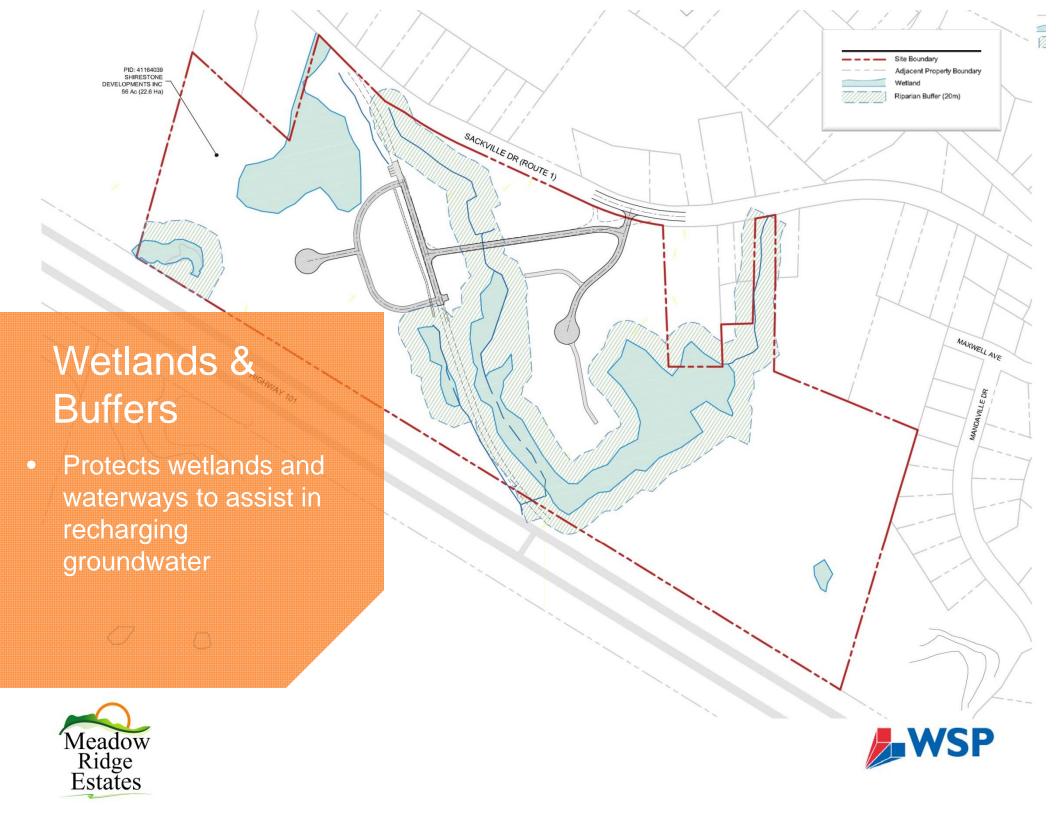
#### **Secondary Conservation Features**

- Scenic Views
- Heritage Properties
- → Historic Features
- Mature Forests and other Vegetation
- → Trails and Natural Networks
- Parks and Natural Corridors
- Current and Past Land Use









## Conservation Features Map

- Proposed design protects a minimum of 60% open space
- No homes developed on wetlands, or buffers







### Concept Plan

- Low Impact Design
- 56 Acres
- 56 Units (clustered)
- 26 Units (Phase 1)
- 30 Units (Phase 2)
- Trails
- Shared Wells
- Community Hall







### Low Impact

 Homes built in clusters with reduced footprint

 Existing roadway being re-used and reducing impact

 Offers residents variety of housing options and benefits of shared services

Brings new neighbours into the area while minimizing impact

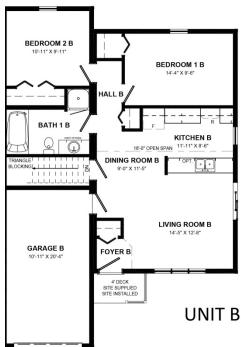






# Propsoed Typical Units



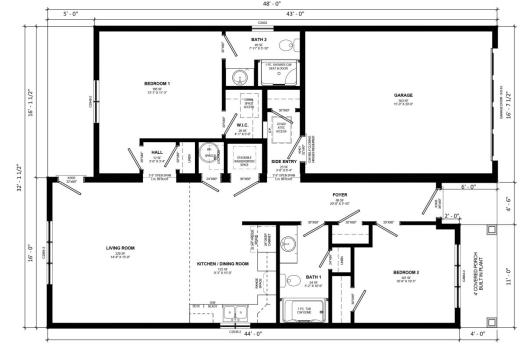


- ✓ 2-3 bedroom Units
- √ 50% maximum
  3 bedrooms



## Propsoed<br/>Typical Units

#### Single-Unit | Two Bedroom

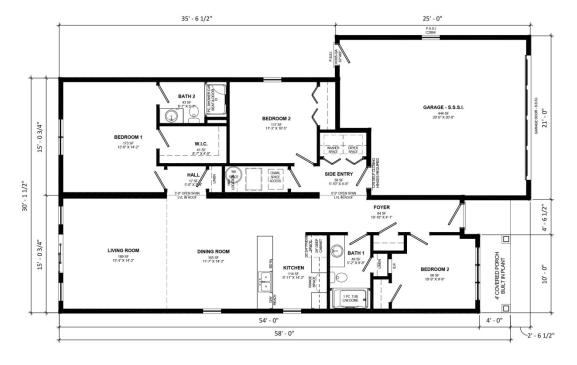






# Proposed Typical Units

Single-Unit | Three Bedroom







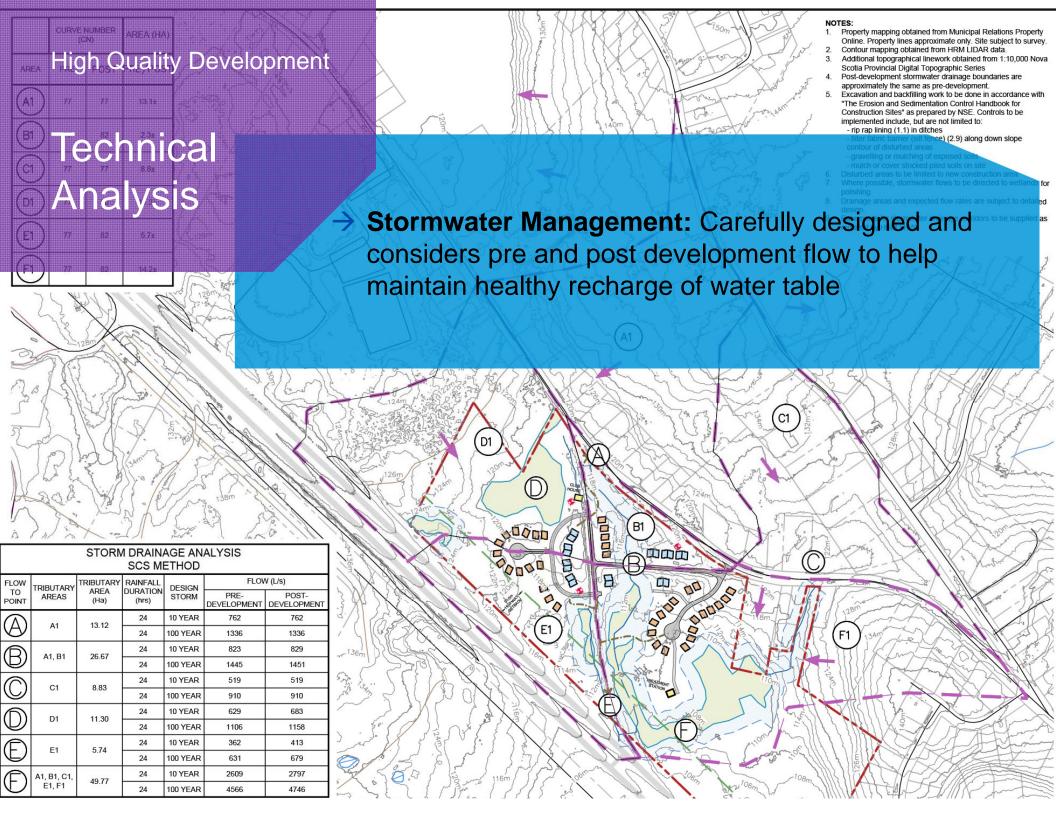
### Technical Analysis



- Groundwater Level I and II Completed: Understanding the quality and quantity of ground water available and minimize potential impacts of new community members on existing groundwater users
- → 5 test wells
- → Survey of off-site wells
- → Step draw down tests
- → 72 hour pump test
- → Water samples
- Detailed water balance assessment
- → Two phase development







### Technical Analysis



- → Traffic Impact Study: Analysis and statement regarding traffic implications, recommends minimal trips generated and not expected to have any significant impact to the performance of Sackville Drive
- Sewage Treatment Facility: Providing an advanced septic system that will be monitored and maintained regularly. Tertiary treatment





## THANK YOU

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