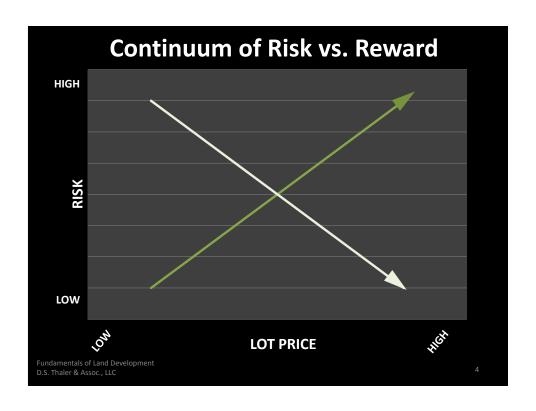
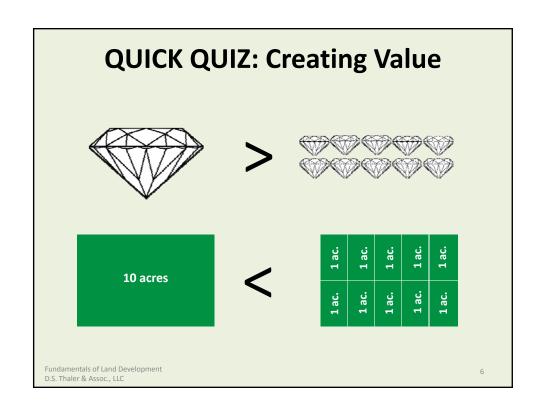


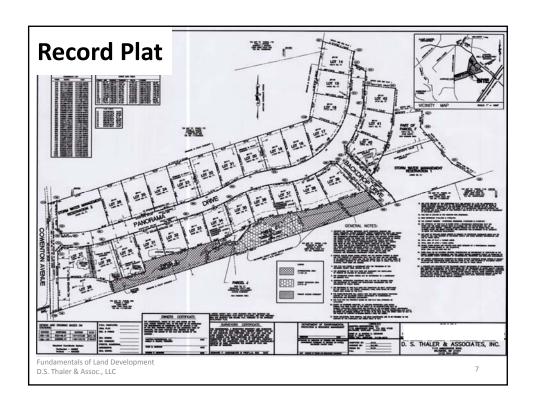
Spectrum of Opportunities Raw Land Unimproved land with no approvals from any regulatory agencies, jurisdictions, or other authorities **Preliminary Approved Land** - Property which has received a preliminary level of approval from authorities **Subdivided Land** Final plat of subdivision has been approved and recorded Subdividing a larger property into smaller unimproved lots DEVELOPMENT **Developed Lots** Necessary improvements such as streets, water, and sanitary sewer are installed No construction has taken place **Improved Land** BUILDING/ INVESTING Distressed condition Good condition













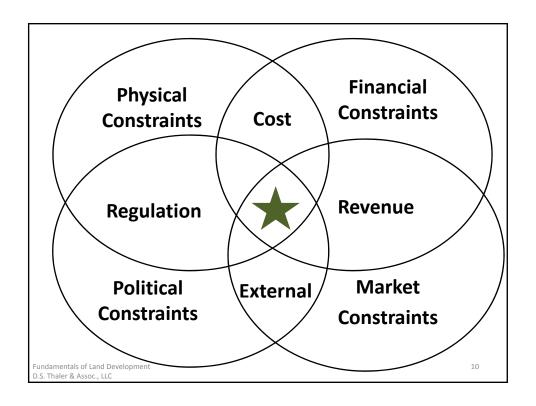
Managing Risks

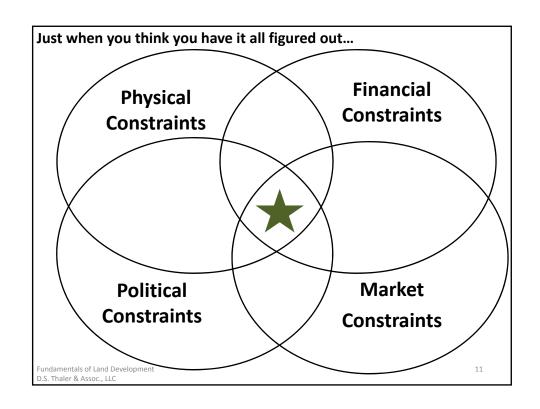
- Know the rules
- Feasibility study
- Proper team
- Option contract

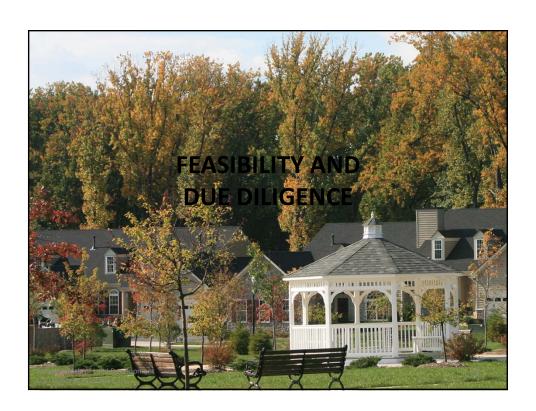


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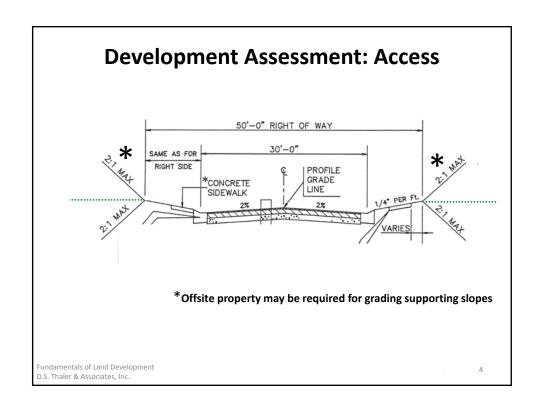
Physical Features

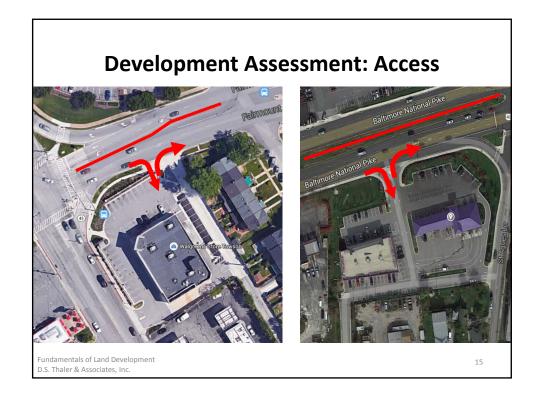
- Accessibility
- Topography
- Public water and sewer
- Well and septic
- Floodplains
- Suitable outfall
- Subsurface conditions
- Adequate public facilities
- Overlay districts

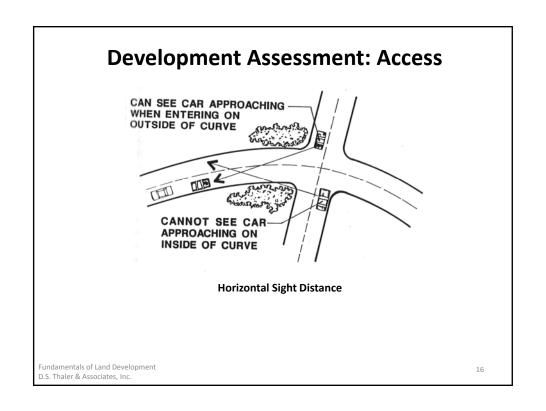


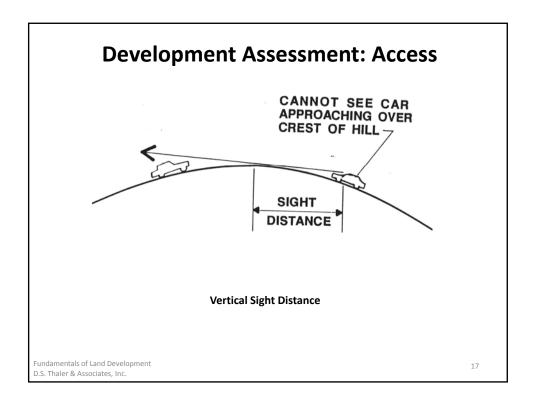
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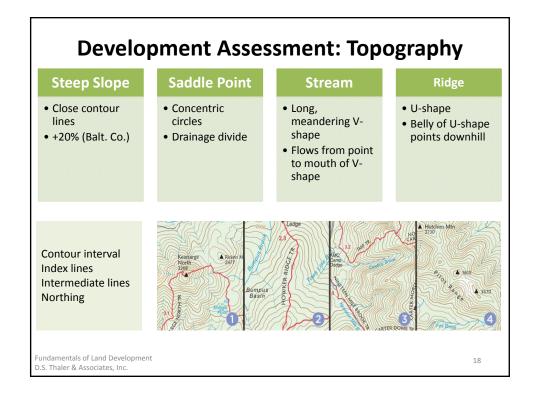
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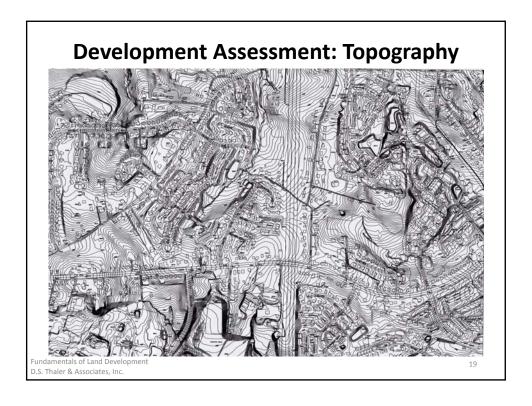












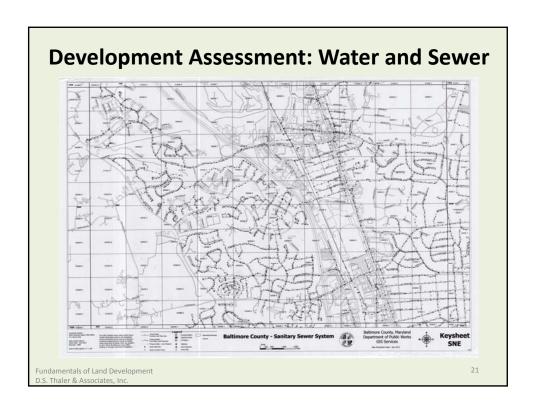
Development Assessment: Water and Sewer



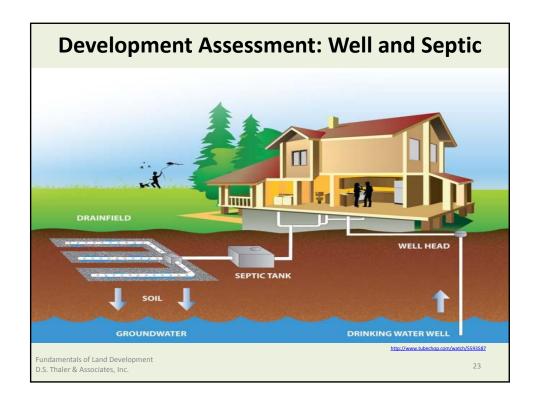


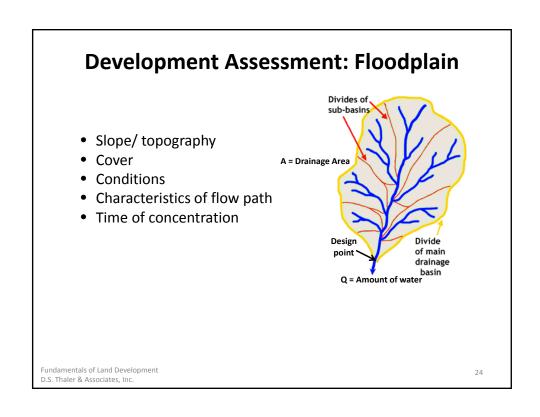
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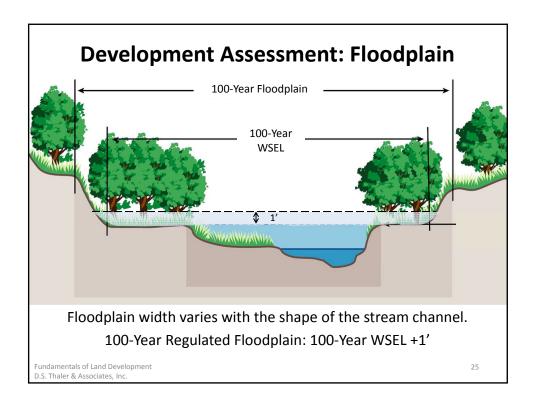
20

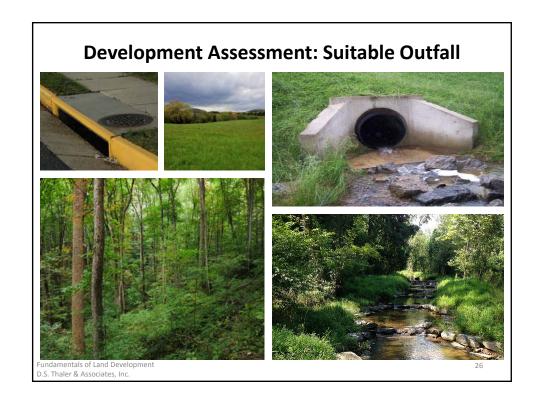












Development Assessment: Subsurface Conditions





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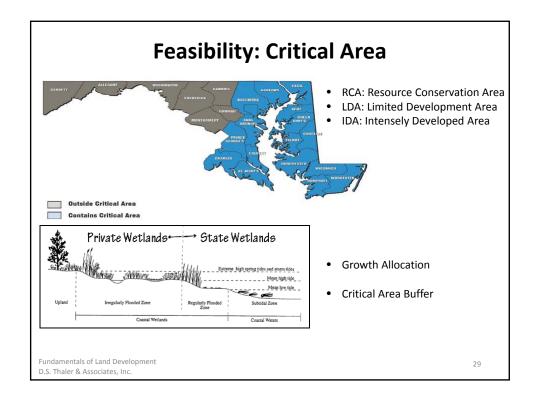
Feasibility: Adequate Public Facilities

- Water
- Sewer
- Traffic
- Schools
- Police & Fire
- Libraries



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Feasibility: Environmental Site Assessments Phase I Phase II **Phase III** • Identifies potential • Confirms presence • Clean-up of hazardous contaminants • Remediation materials • Review/ research site records and Sampling and adjacent property laboratory analysis records Soil and water • Visual site samples inspection • Soil borings Preliminary Groundwater sampling and monitoring laboratory analysis · Geophysical testing Fundamentals of Land Development 30 D.S. Thaler & Associates, Inc.

Feasibility: Forest Conservation

- (o) Forest. "Forest" includes:
- (1) Areas that have at least 100 live trees per acre with at least 50% of those trees having a 2-inch or greater diameter at 4.5 feet above the ground and larger;
 - (2) Areas with mature trees that provide a contig
 - (3) Areas that have been cut but not cleared.
 - (p) Forest buffer. "Forest buffer" has the meaning stated in Title 5 of this article.
- (q) Forest conservation. "Forest conservation" means the retention of existing forest or the creation of new forest at the levels set by the state or the Department.
- ® Forest conservation and management agreement. "Forest conservation and management agreement" means an agreement as stated in § 8-211 of the Tax-Property Article of the Annotated Code
- (s) Forest conservation plan. "Forest conservation plan" means a plan approved in accordance with this title.



Fundamentals of Land Development

Wetlands Diagnostic Parameters



- Hydrology
- **Hydrophitic Vegetation**
- Hydric soils



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