



ASSURING PROMPTNESS AND EFFICIENCY ON EVERY PROJECT

CAPITOL DEVELOPMENT DESIGN, INC.

ENGINEERS • PLANNERS • SURVEYORS

SUSTAINABLE, EFFICIENT, ECONOMICAL, AND ENVIRONMENTALLY FRIENDLY SITE DESIGN

CDDI Survey Services



CDDI's survey crews utilize cutting edge equipment from Leica, Topcon, Optech, and TDS including state of the art robotic total stations, global positioning systems and a Lidar Scanner.

Robotic Total Stations eliminate the need for an assistant staff member to hold the reflector prism over the point to be measured. The operator holds the reflector him/herself and controls the total station instrument from the observed point. This translates to lower cost for CDDI. and for our clients as well.

LIDAR is the future of surveying. It is capable of acquiring 500,000 points in one minute. It has a vast field of applications and can sometime be useful where conventional survey equipment is just not possible to use.

Conventional Land Survey Services include:

- ALTA/ACSM Land Title Surveys
- Boundary Surveys
- Topographic Surveys
- Utility Mapping
- Construction Layout
- As-Built Surveys (Design/Bond Release)
- Wetlands Mapping Route Surveys

Specialty Land Survey Services include:

- Terrestrial Mapping (3 D Laser Scanning)
- Architectural Mapping (Exterior & Interior)
- Structural Deformation Surveys
- Accident Site Mapping
- Geographic Information Systems
- Consulting Services

Heavy Construction Surveying services include:

- Tunnel Alignment and Layout Surveys
- Precise Tunnel As-Built Surveys
- Bridge Layout
- Bridge As-Built Surveys
- Settlement Monitoring Surveys
- Structural As-Built Surveys
- Volumetric Surveys

CDDI Survey Projects

SERVICES	Germantown Library	American Pharmacists Assn.	Katzen Arts Center	Johns Hopkins Laboratory	WMATA Parking Garage	Gaylord National Resort & Conv. Center
	CLIENT					
	Whiting - Turner	Tischman Const. Co.	Holder Const. Co.	Hensel Phelps	Hensel Phelps	Perrini Const. Co.
Site Development & Utility Layout	●	●	●			
Construction Survey Control	●	●	●	●	●	●
Building/Column Line Control		●	●	●	●	●
Site Feature Asbuilt Mapping	●	●	●	●	●	●
Settlement Monitoring & Guaging		●			●	



Katzen Arts Center



New Carrollton Parking Garage



American Pharmacists Assn.



Germantown Public Library



Conceptual Rendering of the Gaylord Hotel, National Harbor