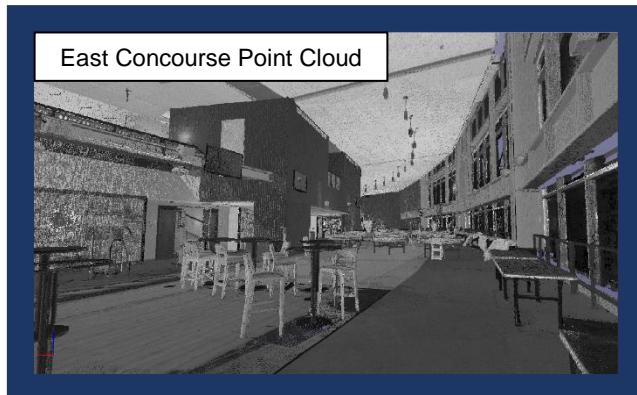
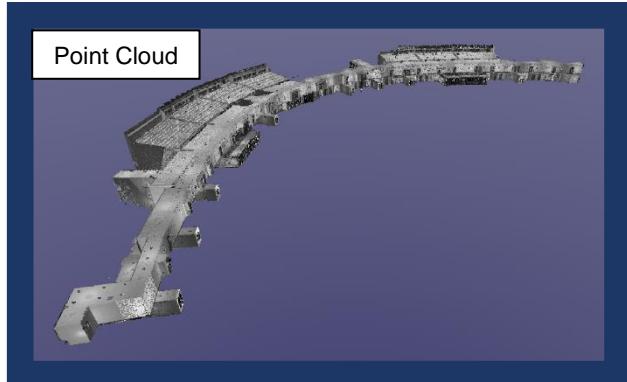


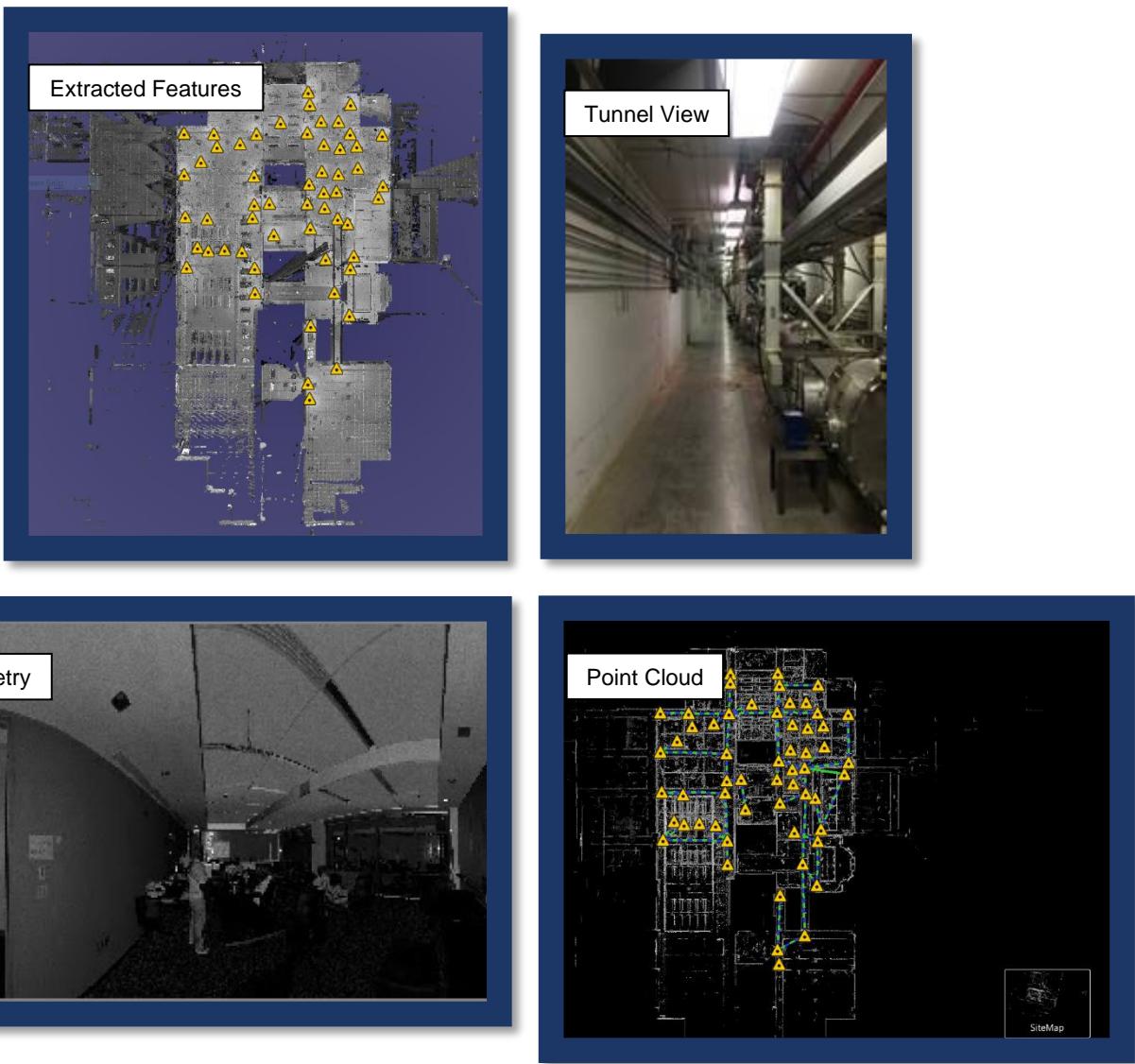
# 3D Laser Scanning in AEC Case Study



Area	Floors	# of Scans	Time On-site	Time Post Processing
15k SF	2	92	4 hours	8 hours

<b>Customer</b>	HITT Contracting
<b>Customer Type</b>	Designer/Contractor
<b>Project Description</b>	Nationals Park Capture interior of club level open areas and hallways
<b>Problem Solved</b>	Drawings did not show existing conditions
<b>Deliverables</b>	Recap RCP point cloud

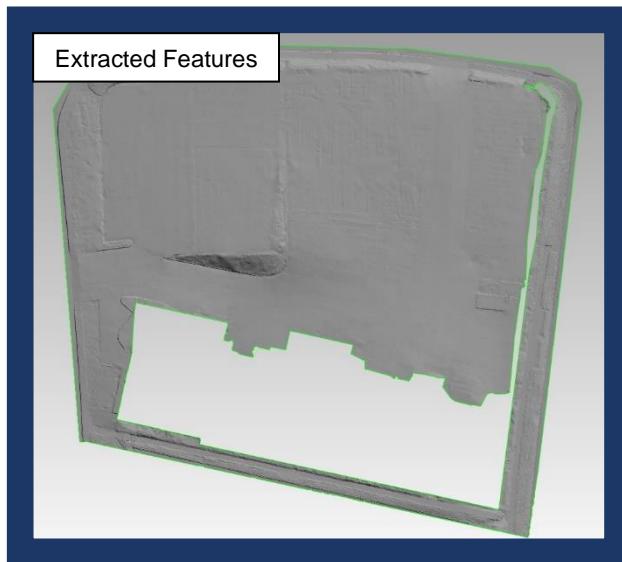
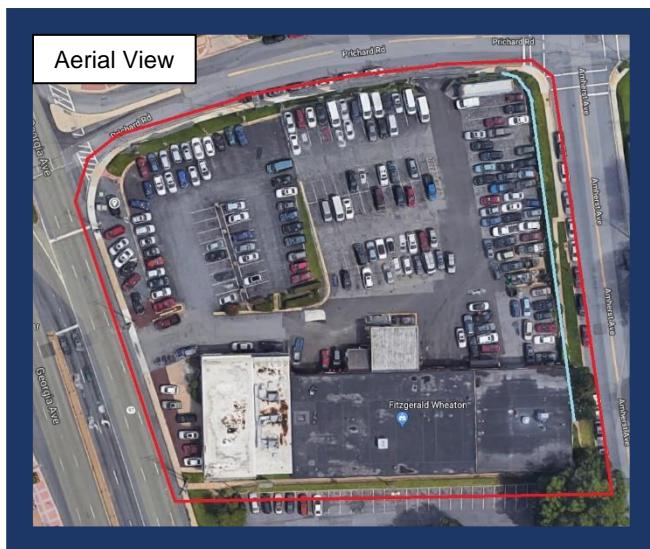
# 3D Laser Scanning in AEC Case Study



Area	Floors	# of Scans	Time On-site	Time Post Processing
120k SF	1	422	24 hours	18 hours

<b>Customer</b>	Mason & Hanger
<b>Customer Type</b>	MEP Designer
<b>Project Description</b>	Jefferson Lab Tunnel Capture existing conditions of 1-mile long accelerator tunnel
<b>Problem Solved</b>	Replace Fire and Suppression System
<b>Deliverables</b>	Point Cloud, LGS Export and Fly-Through

# 3D Laser Scanning in AEC Case Study



Area	Floors	# of Scans	Time On-site	Time Post Processing
50k SF	1	12	3 hours	4 hours

<b>Customer</b>	Adaptive Properties, Inc.
<b>Customer Type</b>	Property Owner/Developer
<b>Project Description</b>	Capture ground surfaces and trim out any captured data of existing buildings and parked cars on lot which is not needed.
<b>Problem Solved</b>	Volumetric Analysis
<b>Deliverables</b>	Mesh file suitable for import into SketchUp software

# 3D Laser Scanning in AEC Case Study



Testimonial

RPG's Construction Scanning team was very helpful just now. We did not fully understand the scope of the project we undertook and because of that, we were unprepared. We called RPG and they saved the day. Thanks to RPG the completed registration is up on the screen in our office. Thanks Tom & team!

**Bonnie Ballard, VA Spaces**

Area	Floors	# of Scans	Time On-site	Time Post Processing
4,000 SF	1	50	N/A	4 hours

<b>Customer</b>	VA Spaces
<b>Customer Type</b>	Architect
<b>Project Description</b>	Airline Tariff Publishing Company (ATPCO) Capture data of existing building. Needed as-builts of machine rooms.
<b>Problem Solved</b>	The client was having issues importing unregistered machine room scans into the rest of the scan data to achieve a comprehensive point cloud.
<b>Deliverables</b>	RCP Point Cloud