



188 1st St, Troy, NY 12180
(518) 362-2403 / admin@scan2plan.io
www.scan2plan.io

- PROPOSAL -

Laser Scanning & Building Documentation
30 Cooper Sq (1F, basement Sub-basement)
New York, NY 10003
LoD 350 + MEPF + Structure + Matterport +
CAD (Interior Only)

Scan2Plan, Inc., a Delaware corporation ("S2P") hereby proposes the following engagement to **HENSON ARCHITECTURE..** Use of the services offered by S2P ("the services") constitutes acceptance of this proposal dated **10/21/25**

About Scan2Plan®

We began in 2018 with a simple goal of helping firms **focus on design**.

We're an on-demand LiDAR to BIM/CAD team that can model any building in weeks. This can be done within any scope, budget or schedule. We've scanned over 1,000 buildings (~10M sqft).

We use LiDAR scanners for 3D mapping with extreme accuracy. We deliver professionally drafted 3D BIM and 2D CAD for comprehensive existing conditions documentation. Our Point Cloud datasets serve as a verifiable single-source-of-truth for coordination and risk-mitigation across projects.



Why Scan2Plan?

- Experienced, dedicated team of field techs, drafters (AutoCAD and Revit) and licensed engineers.
- We take the time to scope each project to suit your priorities.
- We use the finest precision tools to capture a point cloud with extreme accuracy.
- Drafted to Scan2Plan's rigorous design standards - your design phase begins upon delivery.
- We take a process driven approach with extensive quality control and team review.
- Exceptional support from real professionals.
- Scan2Plan has national and international coverage.
- We work on a wide range of projects from single family homes to large-scale commercial, industrial and infrastructure.

The Project

Overview

Commercial Service for 30 Cooper Sq (1F, basement Sub-basement), New York, NY 10003

Scope of Work

- End-to-end project management and customer service
- LiDAR Scan - A scanning technician will capture the interior commercial area. (1st, basement, sub basement)
- Matterport Scan - A scanning technician will capture the interior commercial area (basement, sub basement)
- Registration - Point cloud data captured on-site will be registered, cleaned, and reviewed for quality assurance
- BIM Modeling - Revit model
- CAD Drafting CAD Sheets
- QA/QC - The entire project is redundantly reviewed and checked by our QC team and senior engineering staff

Deliverables

- Total Square Footage Audit
- Revit Model - LoD 300 + Structure + MEPF
- Matterport 3D Tour
- CAD Sheets
- Colorized Point Cloud including 360 images viewable in Autodesk Recap or Trimble ScanExplorer

Timeline

Approximately 5 weeks from scan completion to delivery.

- ~ Week 1 - Point Cloud, 3D Tour and Square Footage Audit
- ~ Week 4 - Revit Model
- ~ Week 5 - CAD Sheets

SCAN2PLAN

188 1st St
Troy, NY 12180 US
admin@scan2plan.io



Estimate

ADDRESS	ESTIMATE	2079
Scott Henson	DATE	10/21/2025
Henson Architecture PLLC		

	DESCRIPTION	QTY	RATE	AMOUNT
Scan2Plan Commercial - LoD 300	<p>Scan2Plan Commercial Service for the property located at 30 Cooper Sq, New York, NY 10003</p> <p>Scan2Plan will provide BIM existing conditions documentation for the 22,600 sqft basement, sub-basement and ground floor of the building.</p> <p>Includes interior LiDAR point cloud capture, registration, modeling, QC and project management.</p> <p>Scanning and delivery times depend on the total area scanned and modeled.</p> <p>Deliverables include:</p> <ul style="list-style-type: none">• Total Square Footage Audit• Colorized Point Cloud (.rcp format)• LoD 300 Revit Model	22,600	0.574	12,972.40
Structural Modeling - LoD 300	Any visible structural components will be included in the BIM and/or working drawings. Specific size, shape, location, and orientation will be indicated.	22,600	0.125	2,825.00
MEPF LoD 300	Any visible mechanical, electrical, plumbing, HVAC and fire safety components will be included in the BIM and/or working drawings. Specific size, shape, location, and orientation will be indicated.	22,600	0.113	2,553.80
Matterport 3D Tour	<p>Basement & Sub Basement</p> <p>High resolution 360 photo documentation and virtual tour walkthrough. An excellent remote collaboration tool, easily shared and viewed on any mobile or desktop</p>	15,066	0.10	1,506.60

device, Includes 3D dollhouse, floor plan views, and site-specific custom annotations.

CAD Interior Package - LoD 300	A set of architectural drawings (.dwg & .pdf) delivered in Scan2Plan's LoD 300 CAD standard.	22,600	0.06	1,356.00
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Deliverables include:

- Floor Plan(s)
- Up to 6 sections or interior elevations
- Reflected Ceiling Plan(s)

TOTAL

\$21,213.80

Accepted By

Accepted Date

Payment Terms

- The price estimate is based on a square footage estimate. The total cost of the project will be determined by the actual square footage scanned and modeled. We use the BOMA 'Gross Area Standard Method' and will send a square footage audit approximately one week after scan completion.
- 50% of the estimated cost will be due at the time of the client ("Client") engaging the Services.
- The first invoice will be for half of the estimated cost. The second invoice will be for the outstanding balance based on the total square footage scanned and modeled.

Accepted Forms of Payment:

1. ACH (Preferred Method)
2. Check - Please mail check to Scan2Plan, 188 1st St., Troy, NY 12180

Acknowledgement:

Client acknowledges receipt of and agrees to be bound by S2P's [General Terms and Conditions](#) dated **October 21, 2025** which are incorporated herein by reference.

In witness whereof the parties hereto have caused this agreement to be executed as of the date(s) written below.

Name

Vishwanath Bush

Company

Scan2Plan, Inc.

Scan2Plan Capabilities

Scan2Plan is for: **Architects, Structural Engineers, MEP Engineers, Interior Designers, Property Managers, Owner/Operators, Landscape Architects, Civil Engineers.**

Scan-to-BIM

- Architectural & Structural Existing Conditions Documentation.
- Deliverables:
 - Revit Model
 - Colorized Point Cloud
 - 360 Photo documentation
- Standard Options:
 - [LoD 200](#) (Approximate Geometry)
 - [LoD 300](#) (Accurate Geometry)
 - [LoD 350](#) (Precise Geometry)
- Level of Accuracy:
 - Point Cloud - 0" to 1/8"
 - Model - 0" to 1/2"
- Turnaround: 2-5 weeks (depending on scope)
- Pricing: is based on:
 - A) Type of Building/Structure
 - B) LoD Standard
 - C) Square Footage
-

BIM to CAD Conversion

- Pristine CAD drawings converted from Revit Model.

MEPF Modeling

- Any exposed Mechanical, Electrical, Plumbing and Fire Safety elements documented in BIM or CAD.

Landscape

- Landscape, grounds, and urban spaces documented in BIM or CAD.
- Georeferencing and forestry optional.

Matterport 3D Tour

- High resolution 360 photo documentation and virtual tour walkthrough. An excellent remote collaboration tool, easily shared and viewed on any mobile or desktop device.

Paper to BIM or CAD

- Legacy 2D paper drawings converted to functional BIM or CAD documentation.

Model Only / Point Cloud Only

- You work with our point cloud or we'll model from yours.

We support: **Revit, AutoCAD, Sketchup, Rhino, Vectorworks, Solidworks, Chief Architect, ArchiCAD, Civil 3D, and others....**

The Scan2Plan Difference

What to look for in a Scan-to-BIM partner.

In the evolving landscape of scanning and modeling, it's important to consider your options to find a service that aligns with your specific needs. Scan2Plan is committed to delivering quality and precision in this field. Here's a closer look at what sets us apart:

• High-Quality Data for Superior Results

The accuracy of your models and drawings hinges on the quality of the underlying data. We capture all our point cloud data sets in full color, with significant overlap and redundancy. This meticulous approach maximizes point cloud density, leading to more accurate and detailed models.

• Precision with Terrestrial LiDAR

Different technologies like Drones, SLAM scanners, Solid State LiDAR, or Photogrammetry offer varied results. We have chosen high-end terrestrial LiDAR for its unparalleled accuracy. Using the [Trimble X7](#) scanner for every project, we guarantee consistent millimeter accuracy. Our process includes thorough validation of the Point Cloud, ensuring precision from 0" to 1/8".

• Setting High Standards in BIM & CAD

Transparency in BIM & CAD standards is vital. Providers may offer different levels of detail (LoD) standards. We offer the highest standard of Levels of Development (LoD) [200](#), [300](#), and [350](#), for schematic and construction-ready documentation. Our Mechanical, Electrical, Plumbing, and Fire (MEPF) documentation consistently meets the highest standards.

• The Human Touch in Modeling and Drafting

In an era where AI is prevalent, we take pride in our 100% manual approach to modeling and drafting. Our expert team meticulously translates data into detailed models and drawings, ensuring that every element is captured accurately..

• Rigorous Quality Control for Trusted Accuracy

Earning your trust means delivering impeccably accurate documents. Our dedicated Quality Control team conducts multiple checks on every deliverable, ensuring they meet our high standards. This thorough process is our commitment to saving you time and resources in the long run.

• Customized to Your Standards

We adapt to your specific needs from the start. Whether it's integrating your Revit Templates or CAD Standards, we ensure a seamless transition from our delivery to your design phase.

• Dedicated Support & Revisions

Our commitment to your satisfaction extends beyond delivery. We offer comprehensive support, including demonstrations on using Point Cloud in Revit or AutoCAD, and we're always ready to make revisions until you're completely satisfied.

• A Small, Specialized Team

Our small, dedicated team ensures consistent quality and personalized service. We focus on building strong client relationships, ensuring familiarity and consistency across projects.

• Ready When You Are

The best ability is availability. Our scanning techs are typically available to be on-site within a week of a signed contract, offering flexible and responsive service across the Northeast and the Nation.

Scan2Plan BIM Modeling Standards 2024, v.2.0

No.	Particular	Description	LOD 200	LOD 300	LOD 350	LOD 350+
01. Exterior Architecture Modeling						
1.1	Wall	Default Revit wall profile included Components Details/specification (edit parameter)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2	Wall Detail	Skirting, Sweep, Moulding, Stack wall included In-situ depressions/extrusions/carvings on wall surface	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3	Door Placing	Default Revit Door Default Frame, Handle, Muntin included Vision Panel, Louvers included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Frame, Handle, Muntin included Vision Panel, Louvers included.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Door Detail	Custom Frame profile, Handle, custom door type included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.5	Storefront creation	Default Revit mullion included Custom Revit mullion included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.6	Curtain creation	Default curtain included Mullion are not included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default Revit mullion included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Revit mullion included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.7	Storefront/Curtain Detail	Custom Mullions profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.8	Window Placing	Default Revit window Default Frame, Muntin included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Frame, Muntin included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.9	Window Detail	Frame profile, Handle, Muntin included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.10	Ceiling	Default Revit ceiling 0 degree inclination included, Ceiling is intentionally sloped included.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.11	Ceiling Detail	Sweep, Moulding, inclined ceiling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.12	Floor creation	Floor with 0 degree inclination included Components Details/specification (edit parameter)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.13	Floor Slope & Detail	Inclined Floor included, Slab edge included Floor is intentionally sloped included. (i.e. ramp) In-situ depressions/extrusions on floor surface	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.14	Stair Modeling	Stair & Stringer type - Default and uniform Stair & Stringer type - Default and material specific Stair & Stringer type - Custom and material specific	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.15	Stair Detail	Stringers Profile, Tread profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.16	Railing Modeling	Default Railing included, Baluster at approximate location included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Specific Railing included, Baluster at specific location included.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.17	Railing Detail	Customize Baluster profile, Rails profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02. Exterior Structure Modeling						
2.1	Structural components	Major/Main components (Beam, column, truss, etc) included Default components (Beam, column, truss, etc) included Braces are not included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Framing component(Braces) included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Structure Detail	Connection included (Gusset plates,bolts, nuts etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
03. Interior Architecture Modeling						
3.1	Wall	Default Revit wall profile included Components Details/specification (edit parameter)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.2	Wall Detail	Skirting, Sweep, Moulding, Stack wall included In-situ depressions/extrusions on wall surface	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.3	Door Placing	Default Revit Door Default Frame, Handle, Muntin included Vision Panel, Louvers included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Frame, Handle, Muntin included Vision Panel, Louvers included.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.4	Door Detail	Frame profile, Handle, custom door type included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Curtain creation	Default curtain included, Mullion are not included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default Revit mullion included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Revit mullion included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.6	Curtain Detail	Custom Mullions profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.7	Window Placing	Default Revit Window Default Frame, Muntin included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Custom Frame, Muntin included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.8	Window Detail	Components Details/specification (edit parameter) Frame profile, Handle, Muntin included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3.9	Ceiling	Default revit ceiling 0 degree inclination included, Ceiling is intentionally sloped included Components Details/specification (edit parameter)	<input checked="" type="checkbox"/>				
3.10	Ceiling Detail	Sweep, Moulding, inclined ceiling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.11	Floor creation	Floor with 0 degree inclination included Components Details/specification (edit parameter)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.12	Floor Slope & Detail	Inclined floor included, Slab edge included Floor is intentionally sloped included. (i.e. ramp)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		In-situ depressions/extrusions on floor surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.13	Stair Modeling	Stair & Stringer type - Default and uniform Stair & Stringer type - Default and material specific	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Stair & Stringer type - Custom and material specific	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.14	Stair Detail	Stringers Profile, Tread profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.15	Railing Modeling	Default Railing included, Verticals at approximate location included.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Specific Railing included, Baluster at specific location included.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.16	Railing Detail	Custom Baluster profile, Rails profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.17	Plumbing Fixtures	Default Revit family included(i.e. Basin/Sinks, W.C., etc.) Taps, shower are not included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Specific Revit family included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Parametric Revit family included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.18	Casework	Fixed component as a approximate generic block included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Fixed component as a specific generic block included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.19	Casework Detail	Fixed component with custom profiles	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.20	Kitchen casework	Default Revit family included(i.e. Platform, Sink, etc.) Taps is not included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default Revit family included(i.e. Platform, Sink, etc.) Taps is included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Platform, Sink with tap included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.21	Kitchen casework Detail	Custom Casework included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.22	Chimney	Only opening included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.23	Chimney Detail	Approximate chimney with detailing included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Customize chimney with detailing included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.24	Furniture(As per client request)	Default Revit family included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Customize Revit family included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
04. Interior Structure Modeling							
4.1	Structural components	Major/Main components (Beam, column, truss, etc) included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default components (Beam, column, truss, etc) included Braces are not included.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.2	Structure Detail	Framing component(Braces) included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
05. Roof Modeling (Architecture)							
5.1	Roof creation	Default Roof included Slopes are provided at drainer location	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default Roof with major slope included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		In-situ depressions/extrusions on roof surface	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.2	Roof Detail	Sweep included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.3	Roof Gutter	Default Gutter included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.4	Roof Gutter Detail	Custom Gutter profile included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.5	Roof Component	Fascia, Soffits included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.6	Rooftop/Skylight	Default family included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom family included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Parametric family included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
06. Roof Structure Modeling (Structure)							
6.1	Roof Structure creation	Default Structure with 0 inclination Intentionally slope is included (i.e. Rafter and joists)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default Structure with inclination or Align Roof slope Intentionally slope is included (i.e. Rafter, joists, purlins)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.2	Roof Structure support	Size(rafter ht) > 3" Truss with steel Rafter, joist included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Truss with Steel Rafter, Purlins, joist, webs, etc. included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Truss with Steel Rafter, Purlins, joist,webs, gusset plate, connections, etc. included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
07. MEP Modeling							
7.1 Mechanical service							
7.1.1	Duct	Generic duct without Duct system, No duct accessories Intentionally slope is included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Generic duct with specified Duct system, generic duct accessories. Intentionally slope is included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Generic duct with specified Duct system, generic duct accessories with more details like coils and connectors. Intentionally slope is included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

7.1.2	Flex Duct	Flex major duct included, size>8" Branche is not included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Flex major duct included Branche is not included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Flex duct included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.1.3	Duct Hanger/Supports	Default/Custom Hangers/supports included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1.4	Mechanical Equipment/Roof unit	Equipment as Generic box included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Customize Equipment included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.1.5	Ceiling/wall components	Default Air terminal/Grill, Exhaust fans, etc included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom families included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.2 Electrical service						
7.2.1	Conduit	Size (Nominal Diameter)	D>3"	D>1 1/2"	D>1"	All
7.2.2	Cable tray	Default cable tray with 0 inclination included Bunch of cable tray will provide as a group	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Default cable tray with 0 inclination included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom cable tray with inclination included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.2.3	Cable tray detail	Default cable tray with inclination included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Custom cable tray with inclination included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.2.4	Ceiling components	Default Embedded Lights, Pendant lights,camera, speaker, sensor, etc. included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom families included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.2.5	Wall components	Default Receptacle, Switch, Data outlet, camera, sensor, exit sign, etc. included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom families included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.2.6	Electrical equipments	Electrical equipments, Panels, transformer, generator,etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom families included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.3 Plumbing service						
7.3.1	Plumbing pipe	Size (Nominal Diameter) Intentionally slope is included	D>2"	D>1 1/2"	All	All
7.3.2	Pipe Hanger	Default/Custom family included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.3.3	Pipe component	Default Shutoff valve, Meter, etc included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Shutoff valve, Meter, etc included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.3.4	Mechanical Equipment	Default Water heater pump, expansion tank, plumbing fixtures,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Water heater pump, expansion tank, plumbing fixtures,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Components Details/specification (edit parameter)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.4 Fire service						
7.4.1	Fire Pipe	Size (Nominal Diameter) Intentionally slope is included	D>2"	D>1"	All	All
7.4.2	Fire Pipe Hanger	Default/Custom family included	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.4.3	Fire component	Default Fire extinguisher, Fire alarm, Exit sign, Smoke detector, Sprinkler, fire hydrant, etc included	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom families included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08. Landscaping						
8.1	Toposurface	Basic Topography with approximate dimensions of features and buildings included	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Basic Topography with added details like pattern and basic ground features included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Detail Topography with land development features, finishes, rooftop equipments, etc. included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8.2	Site component	Default Tree, Fence/Railing, Bollard, etc. included	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Custom Tree, Fence/Railing, Light pole, Bollard, Road sign, Parking components, etc. included	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>