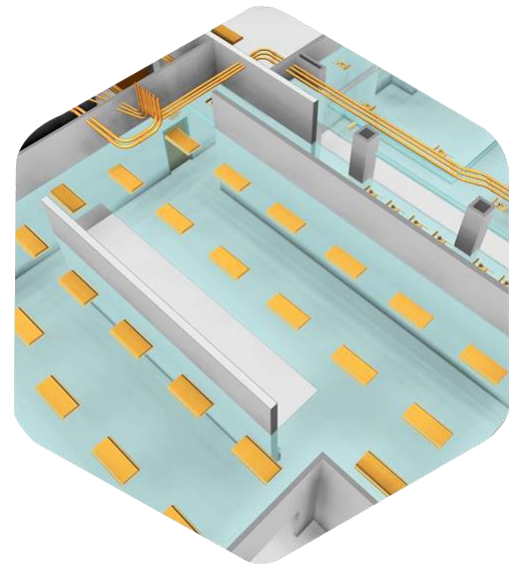




COMPANY OVERVIEW

Advenser is a multinational, multi-disciplined engineering company delivering advanced engineering services & solutions to the construction industry through innovative practices, utilizing BIM and advanced technological tools. Since 2007, we have accumulated extensive experience in the AEC industry, delivering a variety of complex projects across multiple countries with a proven track record of success.

Our engineering team, with a workforce of more than 300+ Engineers with Architectural, Structural and MEP experience, have the expertise and skillsets to meet the demands of any complex project anywhere in the world. We streamline our services to match & adapt to your constantly evolving needs.



1K+
CLIENTS



20+
COUNTRIES



10K+
PROJECTS



300+
PEOPLE



ADVENSER DIFFERENTIATORS



Proven Expertise and Global Presence

Serving clients worldwide with a proven track record of successfully delivering complex projects.



Competitive Pricing and Cost Predictability

Transparent, cost-effective pricing structures with no hidden surprises.



Domain-Specific Teams

Dedicated specialists with deep industry knowledge for domain-specific solutions.



Commitment to Continuous Improvement

Continuous process enhancements to increase efficiency and deliver greater value.



Strong Focus on Quality and Accuracy

Multi-tiered quality checks ensure precise, error-free deliverables every time.



Technology-Driven Processes

Advanced tools and automation streamline workflows and maximize productivity.



Robust Data Security

Strict compliance with global data protection standards to safeguard your information.



Flexible and Scalable Resource Pool

Easily scale teams up or down to match changing project needs without delays.



Client-Centric Engagement

Personalized service and proactive communication tailored to your project goals.



Onshore-Offshore Hybrid Support

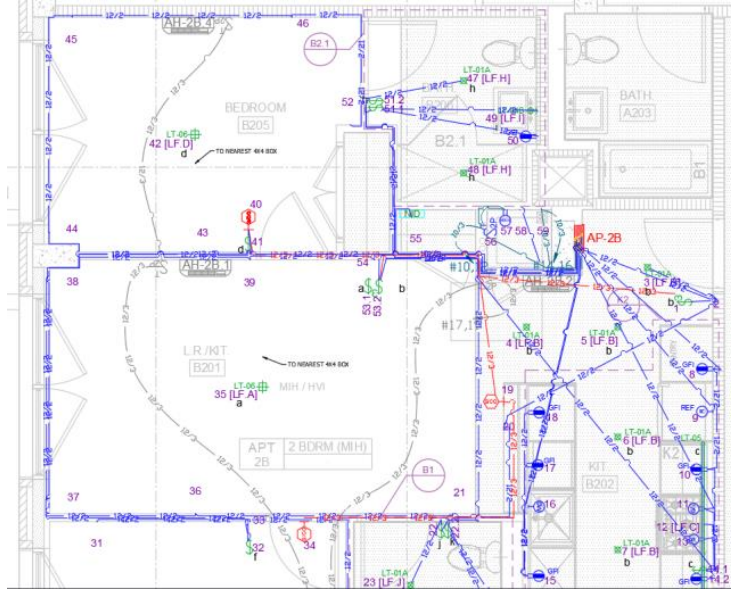
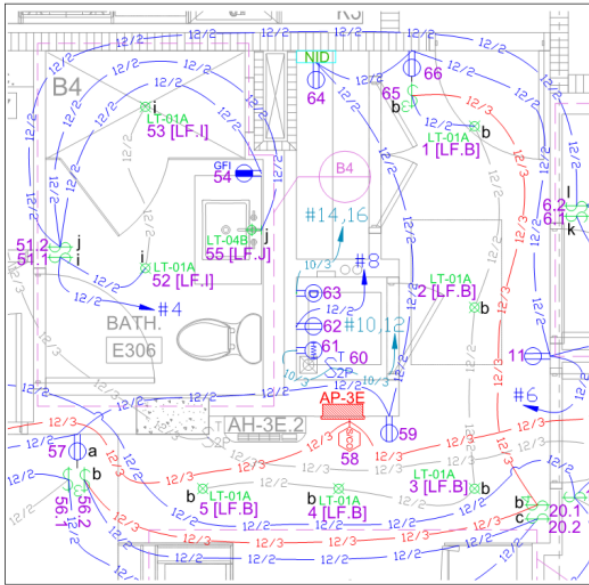
A balanced delivery model that blends local presence with global execution strengths.



OUR CLIENT BASE



ELECTRICAL ENGINEERING SERVICES



		PRE-FAB WIRE SCHEDULE				
APT.	CKT #	FromDevice	RAW LENGTH	TYPE	Route	ToDevice
2A	9	1.1	22.192	12/2-AC BX	OH	15.1 [CKT#9]
2A	9		8.933	12/2-AC BX	OH	3 [LFA]
2A	9	1.2	11.642	12/2-AC BX	OH	5 [LFA]
2A	9		21.758	12/3-AC BX	OH	15.1 [CKT#9]
2A	4	12.1	16.817	12/2-AC BX	OH	10 [CKT#4]
2A	4		11.917	12/2-AC BX	OH	11 [LFG]
2A	4	12.2	8.267	12/2-AC BX	OH	8 [LFF]
2A	6	13	15.275	12/2-AC BX	OH	2
2A	6		24.033	12/2-AC BX	OH	2
2A	6	14	8.442	12/2-AC BX	IW	17
2A	6		10.375	12/2-AC BX	IW	17
2A	6	18	18.558	12/2-AC BX	OH	19
2A	6		9.158	12/2-AC BX	IW	21
2A	6	20	27.05	12/2-AC BX	OH	19
2A	6	22	25.75	12/2-AC BX	OH	21
2A	5	24	7.1	12/2-AC BX	IW	23
2A	9	25.1	15.1	12/2-AC BX	IW	26 [LFE]
2A	9		36.958	12/2-AC BX	OH	15.1 [CKT#9]
2A	10,12	31	5.192	10/3-AC BX	IW	30
2A	1		32.142	12/2-AC BX	OH	25.2
2A	10,12		24.233	10/3-AC BX	OH	30
2A	14,16		23.167	10/3-AC BX	OH	33
2A	2		26.317	12/2-AC BX	OH	29
2A	3		27.233	12/2-AC BX	OH	28
2A	4	LC	4.758	12/2-AC BX	IW	12.2
2A	5		37.567	12/2-AC BX	OH	23
2A	6		19.825	12/2-AC BX	OH	2
2A	7		30.725	12/2-AC BX	OH	27
2A	8		23.583	12/2-AC BX	OH	32
2A	9		18.692	12/2-AC BX	OH	15.2
			572.758			

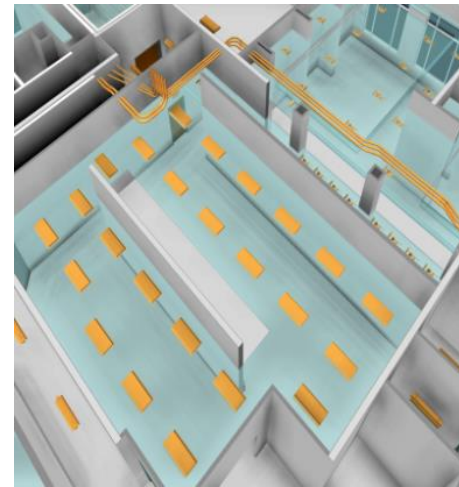
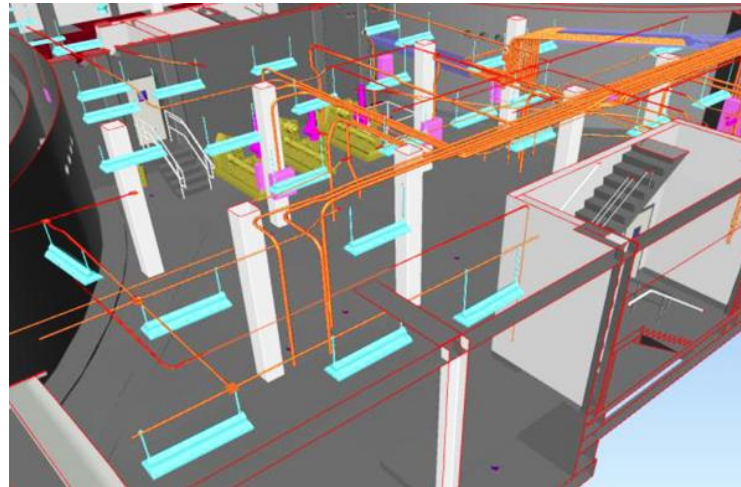
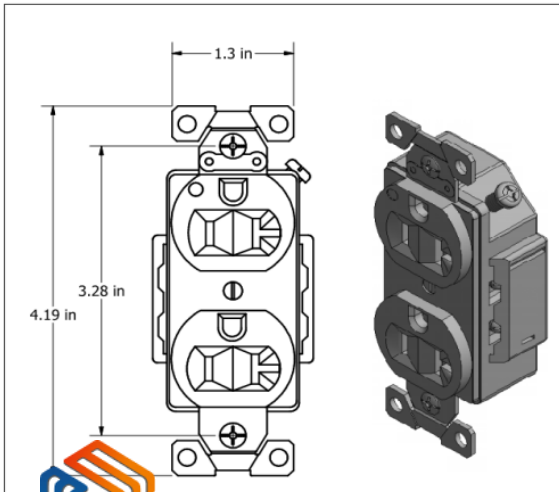
1. Shop drawings

2. Prefabrication drawings

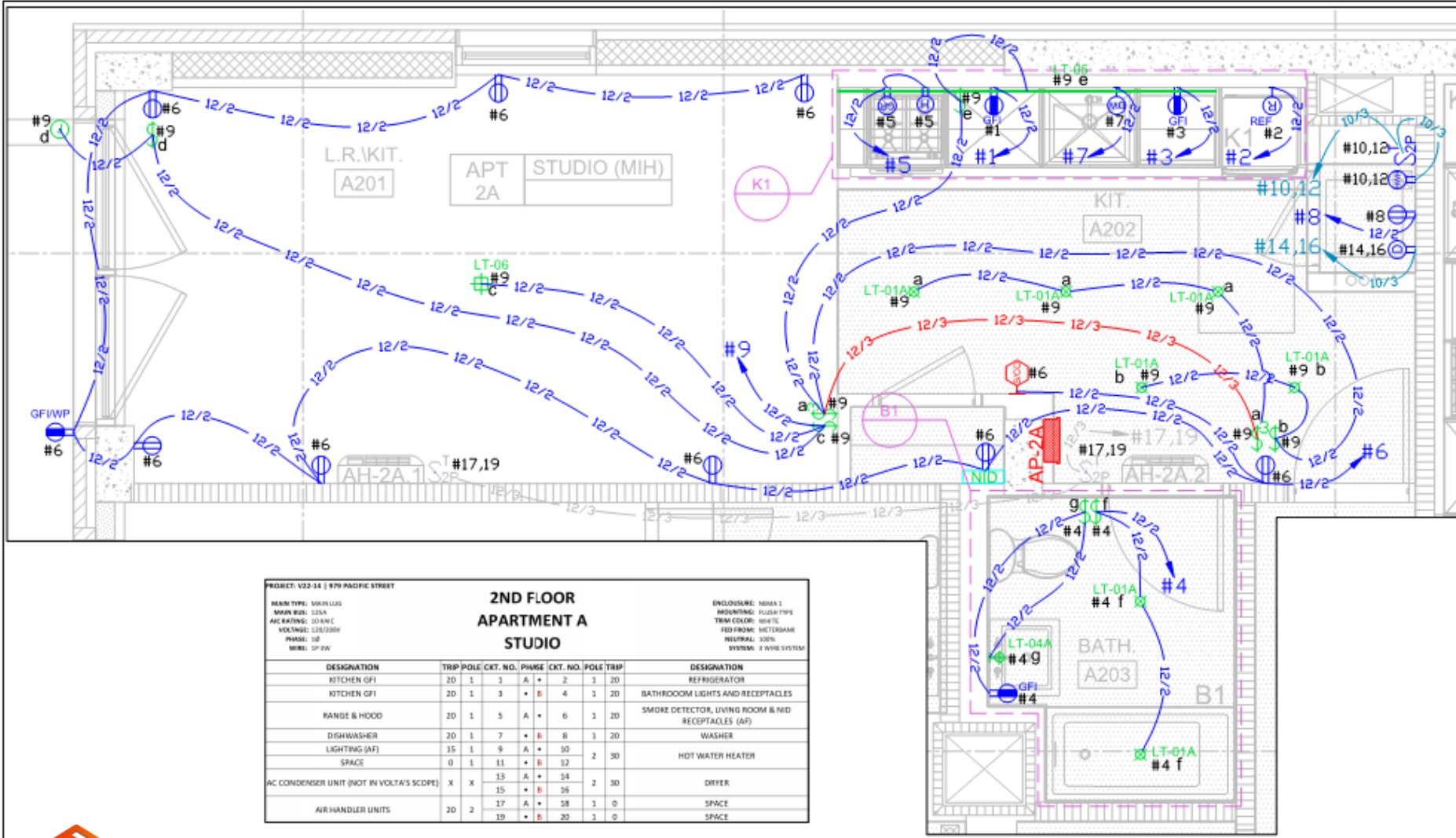
3. Quantity take off

4. Electrical fixture detailing/modeling

5. 3D electrical BIM modeling
(containment, conduit, fixtures)



ELECTRICAL SHOP DRAWING



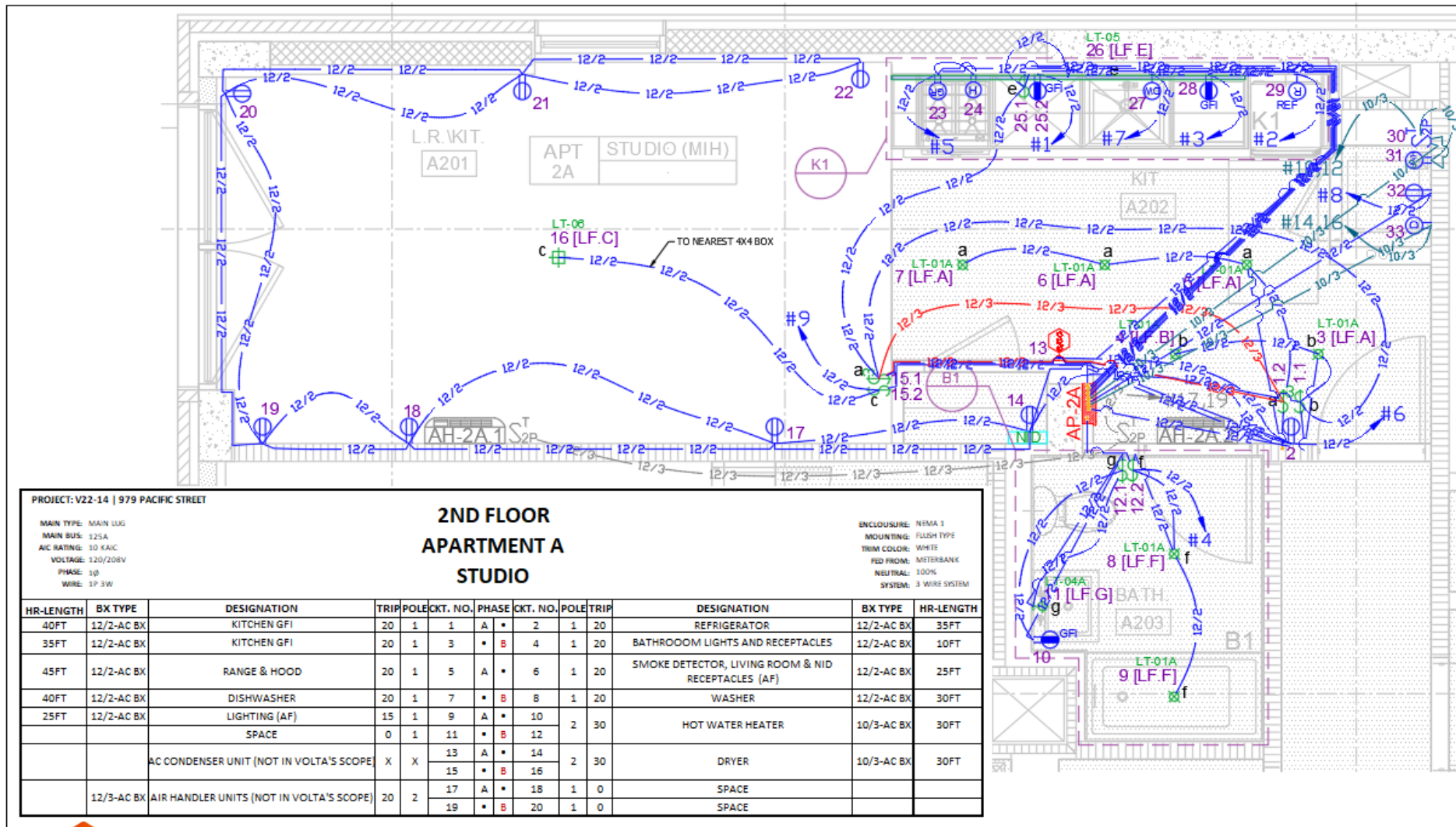
The main objective of Shop drawing creation is to assign circuits and define electrical connection between devices, as per load center schedule.

Shop drawing creation is mainly done for systems like Power, Lighting, Fire Alarm, Extra Low Voltage.

Shop drawing generation include procedures like device placement, wire connection between devices, assigning circuit, Section drawing creation and so on.



ELECTRICAL PREFABRICATION DRAWING



The main objective of Prefab drawing creation is to get quantity takeoff and to extract device properties from drawing.

Prefab drawing creation will be commenced after the submitted shop drawing gets approved.

Prefab drawing generation includes device address definition, wire drafting, assembly naming, Home run length details, Wire and device scheduling and so on.



QUANTITY TAKE OFF

PRE-FAB DEVICE SCHEDULE								
Quantity	ZONE	APT.	DEVICE ID	CIRCUIT NUMBER	ASSEMBLY TYPE	SPECIAL BOX	FIRE STOP	RAISE COVER
1		2A	1.1	9	UD-L8-2-S,3W_120_15_1			
1		2A	1.2	9	UD-L8-2-S,3W_120_15_1			
1		2A	2	6	UD-L8-1-2R_120_15_1			
1		2A	3 [LF.A]	9	NO ASSEMBLY			
1		2A	4 [LF.B]	9	NO ASSEMBLY			
1		2A	5 [LF.A]	9	NO ASSEMBLY			
1		2A	6 [LF.A]	9	NO ASSEMBLY			
1		2A	7 [LF.A]	9	NO ASSEMBLY			
1		2A	8 [LF.F]	4	NO ASSEMBLY			
1		2A	9 [LF.F]	4	NO ASSEMBLY			
1		2A	10	4	WS-8-1-H-2GR_120_20_1			
1		2A	11 [LF.G]	4	NO ASSEMBLY			
1		2A	12.1	4	UD-R8-2-S,S_120_15_1			
1		2A	12.2	4	UD-R8-2-S,S_120_15_1			
1		2A	13	6	UD-LH-R			
1		2A	14	6	DGEM-2R_120_15_1			
1		2A	15.1	9	UD-L8-2-3W,S_120_15_1			
1		2A	15.2	9	UD-L8-2-3W,S_120_15_1			
1		2A	16 [LF.C]	9	NO ASSEMBLY			
1		2A	17	6	UD-L8-1-2R_120_15_1			
1		2A	18	6	UD-L8-1-2R_120_15_1			
1		2A	19	6	UD-R8-1-2R_120_15_1			
1		2A	20	6	UD-R8-1-2R_120_15_1			
1		2A	21	6	UD-R8-1-2R_120_15_1			
1		2A	22	6	UD-R8-1-2R_120_15_1			
1		2A	23	5	UD-L8-1-2R_120_15_1			
1		2A	24	5	DGEM-1R_120_20_1			
1		2A	25.1	9	WS-8-2-S,2GR_120_15_1			
1		2A	25.2	1	WS-8-2-S,2GR_120_15_1			
1		2A	26 [LF.E]	9	NO ASSEMBLY			
1		2A	27	7	UD-L8-1-1R_120_20_1			
1		2A	28	3	WS-8-1-2GR_120_15_1			
1		2A	29	2	UD-L8-1-1R_120_20_1			
1		2A	30	10,12	UD-L8-1-TS_250_30_2			
1		2A	31	10,12	NO ASSEMBLY			
1		2A	32	8	UD-L8-1-2R_120_15_1			
		2A	33	14,16	UD-L8-2-14_30R			
					0.000			

PRE-FAB WIRE SCHEDULE						
APT.	CKT #	FromDevice	RAW LENGTH	TYPE	Route	ToDevice
2A	9	1.1	22.192	12/2-AC BX	OH	15.1 [CKT#9]
2A	9		8.933	12/2-AC BX	OH	3 [LF.A]
2A	9	1.2	11.642	12/2-AC BX	OH	5 [LF.A]
2A	9		21.758	12/3-AC BX	OH	15.1 [CKT#9]
2A	4	12.1	16.817	12/2-AC BX	OH	10 [CKT#4]
2A	4		11.917	12/2-AC BX	OH	11 [LF.G]
2A	4	12.2	8.267	12/2-AC BX	OH	8 [LF.F]
2A	6	13	15.275	12/2-AC BX	OH	2
2A	6	14	24.033	12/2-AC BX	OH	2
2A	6		8.442	12/2-AC BX	IW	17
2A	6	18	10.375	12/2-AC BX	IW	17
2A	6		18.558	12/2-AC BX	OH	19
2A	6	20	9.158	12/2-AC BX	IW	21
2A	6		27.05	12/2-AC BX	OH	19
2A	6	22	25.75	12/2-AC BX	OH	21
2A	5	24	7.1	12/2-AC BX	IW	23
2A	9		15.1	12/2-AC BX	IW	26 [LF.E]
2A	9	25.1	36.958	12/2-AC BX	OH	15.1 [CKT#9]
2A	10,12	31	5.192	10/3-AC BX	IW	30
2A	1	LC	32.142	12/2-AC BX	OH	25.2
2A	10,12		24.233	10/3-AC BX	OH	30
2A	14,16		23.167	10/3-AC BX	OH	33
2A	2		26.317	12/2-AC BX	OH	29
2A	3		27.233	12/2-AC BX	OH	28
2A	4		4.758	12/2-AC BX	IW	12.2
2A	5		37.567	12/2-AC BX	OH	23
2A	6		19.825	12/2-AC BX	OH	2
2A	7		30.725	12/2-AC BX	OH	27
2A	8		23.583	12/2-AC BX	OH	32
2A	9		18.692	12/2-AC BX	OH	15.2
			572.758			

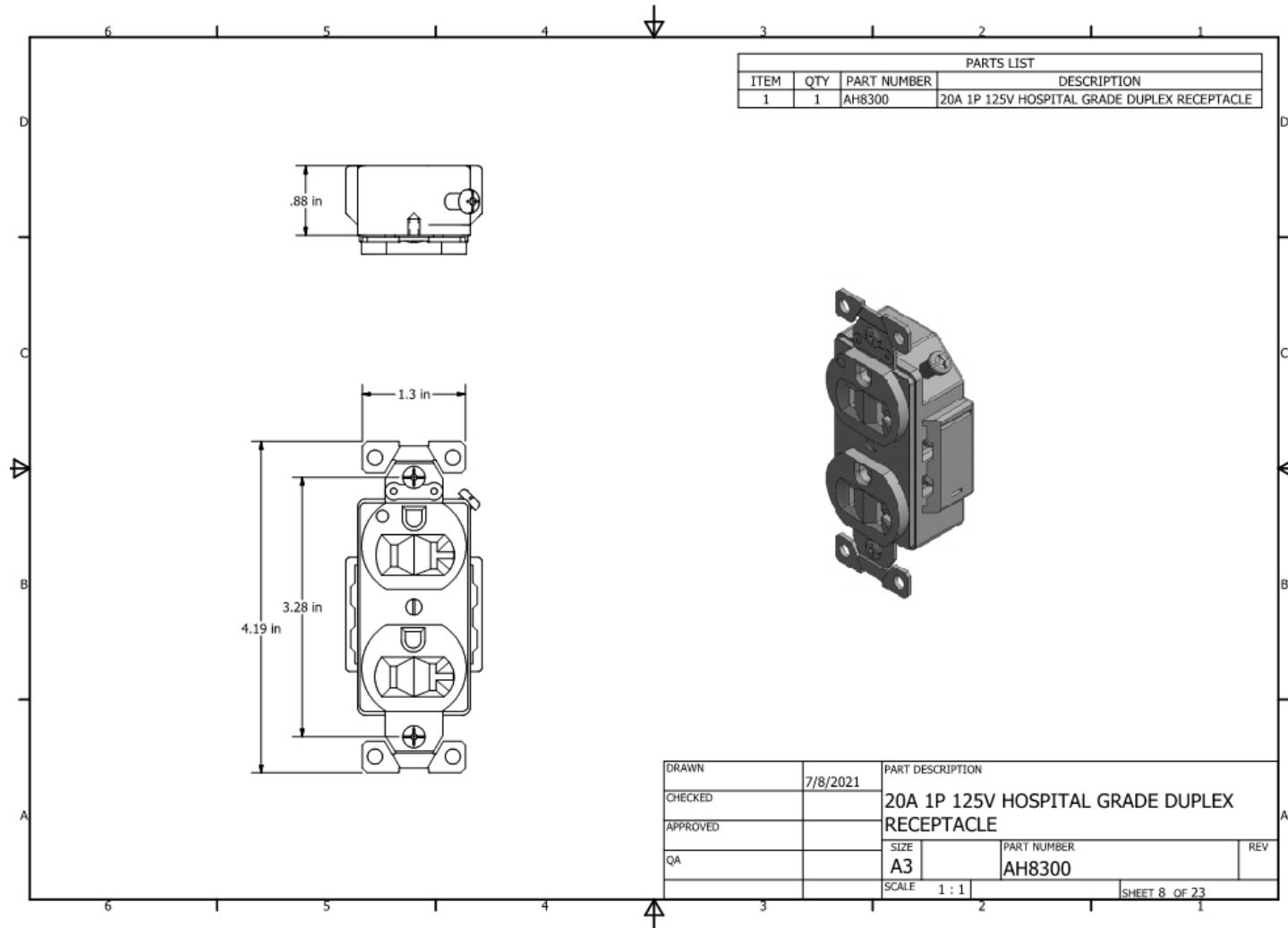
The main objective of Quantity take off is to review and estimate the physical materials and their takeoff information, in order to execute the site installation efficiently.

Scheduling can be customized and generated based on client requirement.

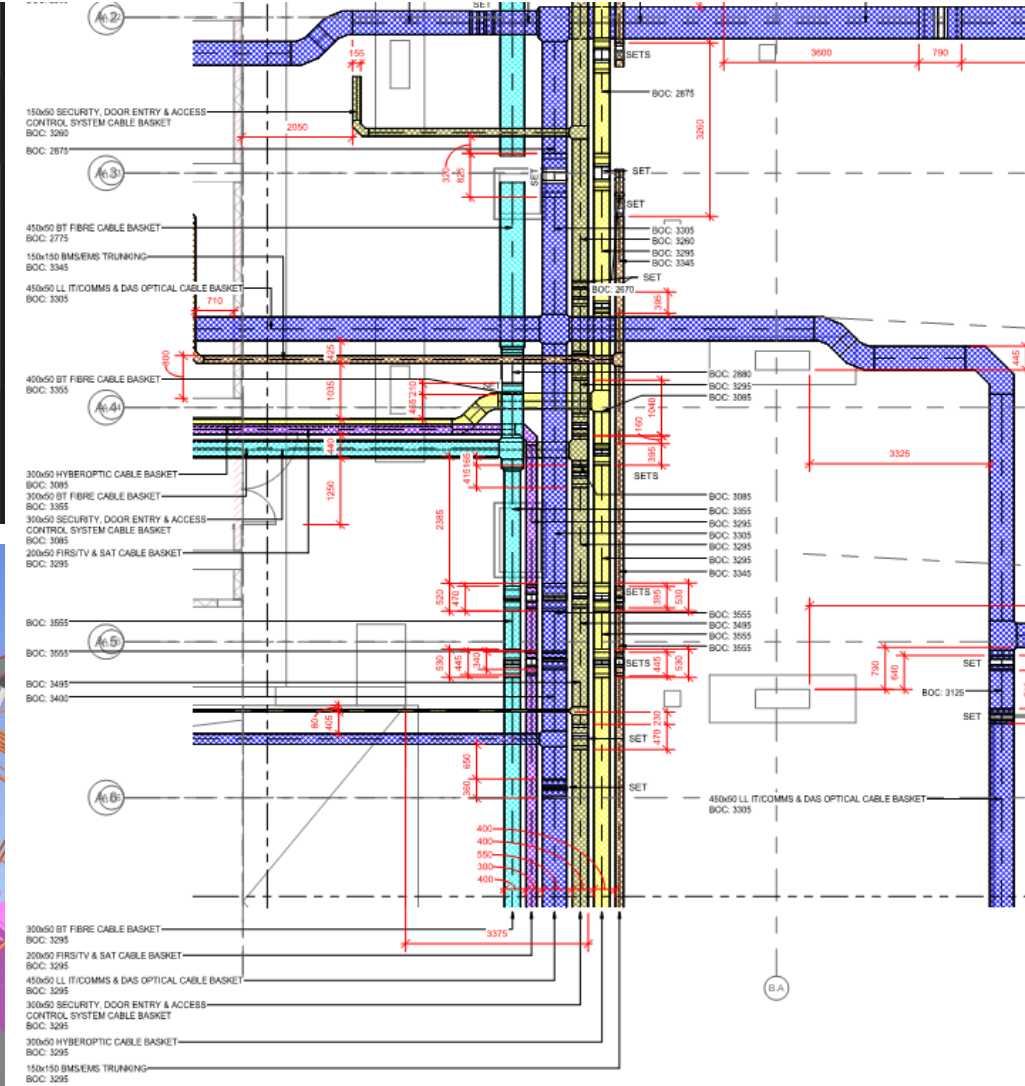
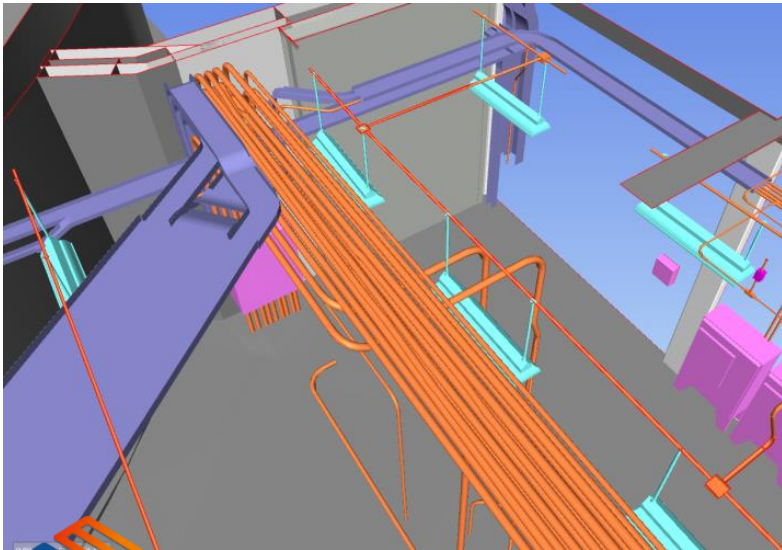
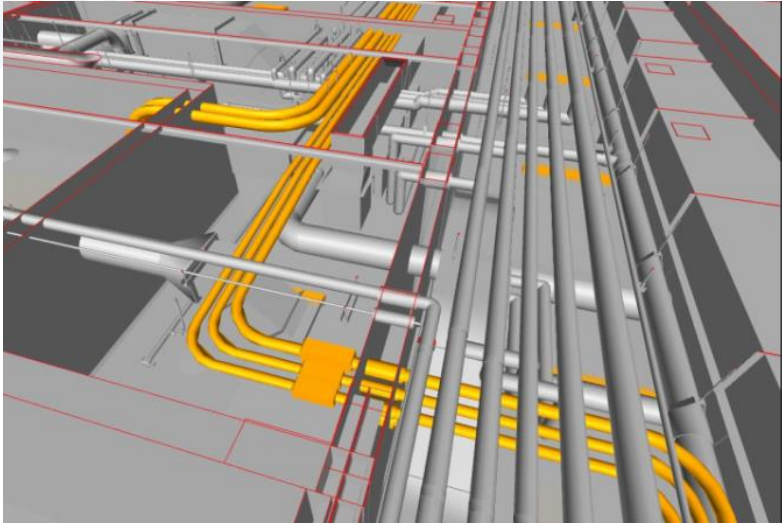


ELECTRICAL FIXTURE MODELING/ DETAILING

The electrical fixtures like receptacles, switches, lights can be modeled with the required Level of Detailing, based on the client's requirement.



3D ELECTRICAL BIM MODELING



Electrical BIM modeling includes 3D modeling of cable trays, conduits, panels, switches, receptacles, lights and so on.

Clash detection and Coordination of Electrical BIM model with other trades can also be performed.

Coordination drawings based on client requirement can also be generated.



BIM CONSULTING SERVICES

Since 2007, we have been assisting construction companies, general & specialty contractors in their migration to BIM from CAD. We act as a strategic BIM partner to the client educating and training them for seamless migration from CAD drafting to BIM implementation.

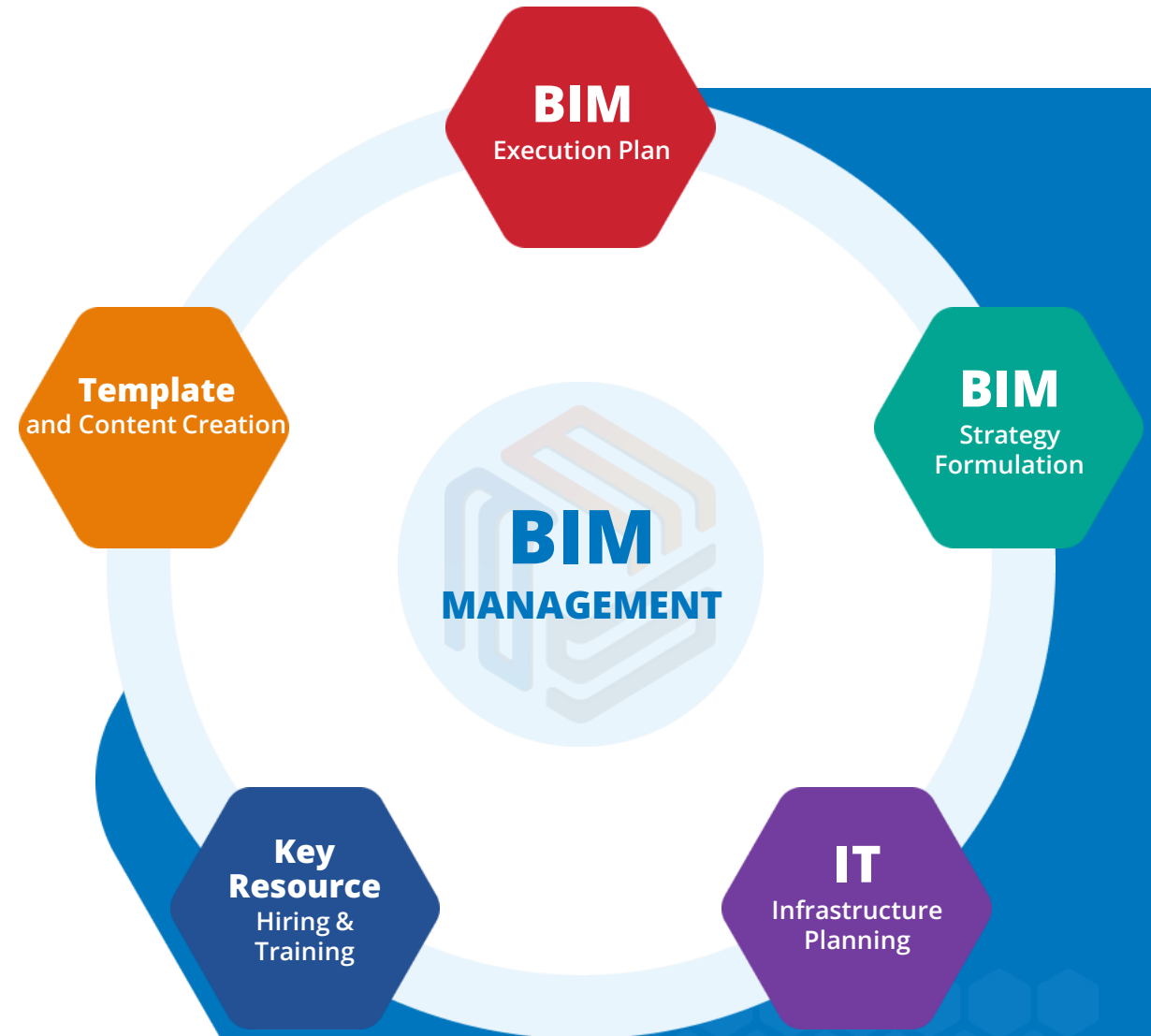
BIM MODEL AUDIT

OFFSHORE BIM TEAM

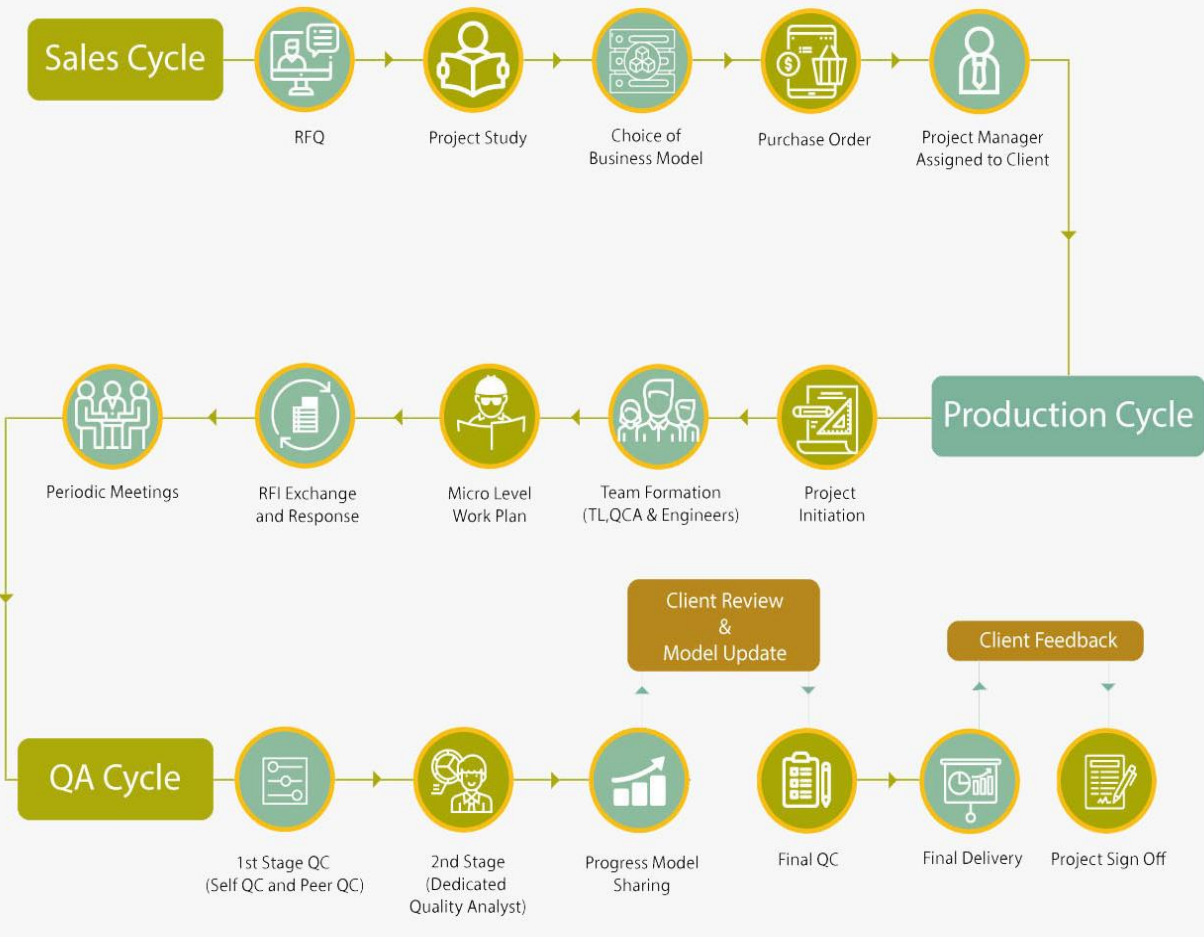
BIM IMPLEMENTATION PLANNING

BIM TRAINING

ON-SITE BIM SUPPORT



OUR DETAILING PROCEDURE



OUR APPROACH

Understanding Client Requirements: With every client, we understand that a different approach may need to be employed with every project, bringing a new set of skills and technology to the table. We devote the time needed to study the objective of the project.

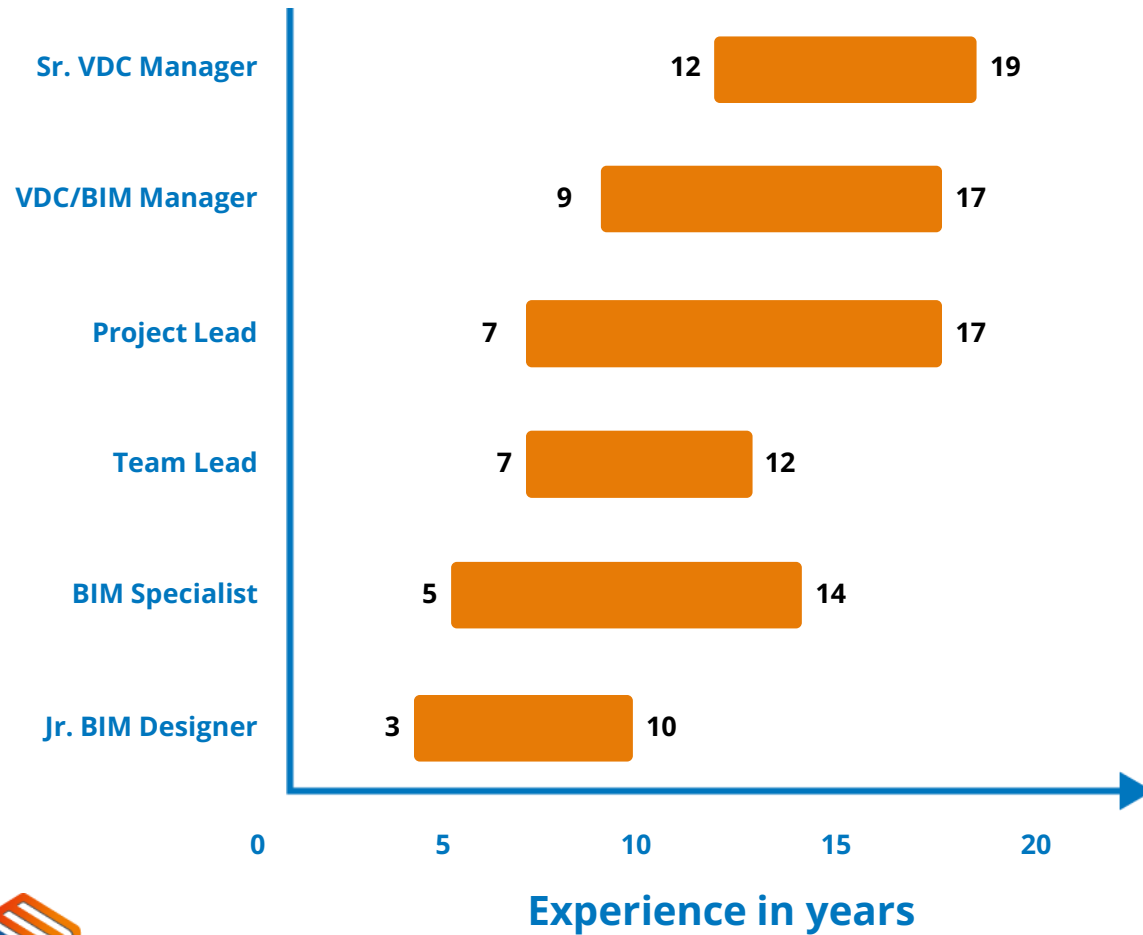
Delivering Solutions: To achieve the goals of the project, our engineers adopt the most appropriate methods, outdoing themselves. Our work is to follow a system driven process incorporating the latest methods in the BIM industry which ensures projects are delivered on time and are nothing short of the highest quality..

Constant Improvement: The engineering team, led by highly capable and seasoned project managers tirelessly learn, research and update themselves to meet the ever-changing and dynamic demands of the AEC industry. Systematic knowledge sharing and perfection of the work process is an ongoing process in Advenser. With every project, we see to it that we always make room for innovation.

Our Promise: Client satisfaction is a promise we assure and we measure our successes on par with that of our client's. We take pride in our past glory & achievements but at the same time strive to make them nothing more than mere milestones in our pursuit of excellence.



TEAM PROFICIENCY & SOFTWARE PROFICIENCY



Revit Suite



BIM 360



AutoCAD



LogiKal



AutoCAD 360
PRO



Autodesk
Inventor



Navisworks
Manage



MagiCAD



ReCapture



Civil 3D



Building Data

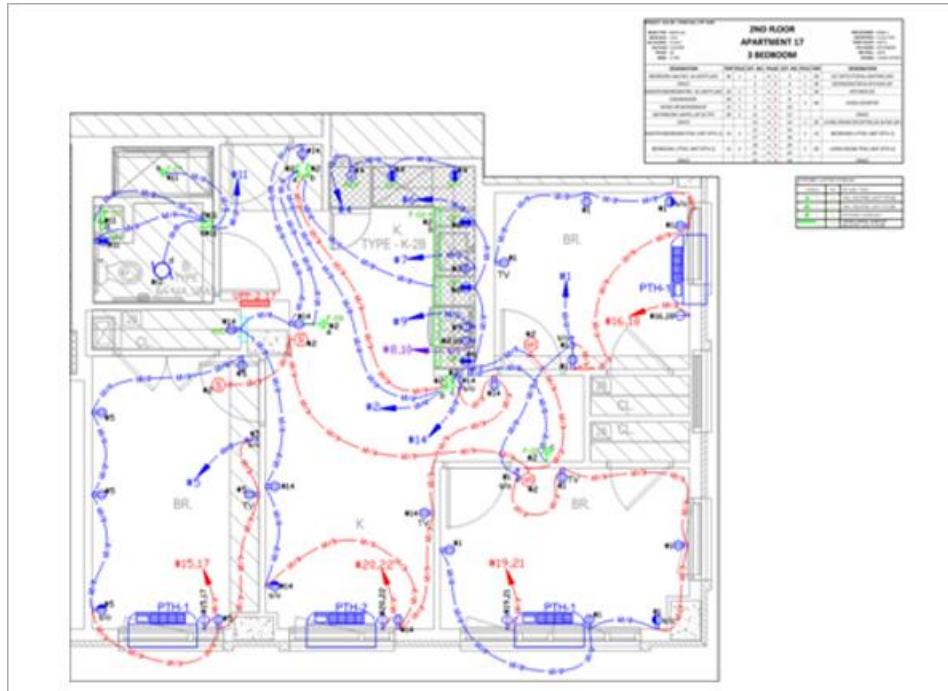


Construction
Cloud



FEATURED PROJECTS

Park Hill City Airs, USA



FEATURED PROJECTS

77 Commercial Street, USA



FEATURED PROJECTS

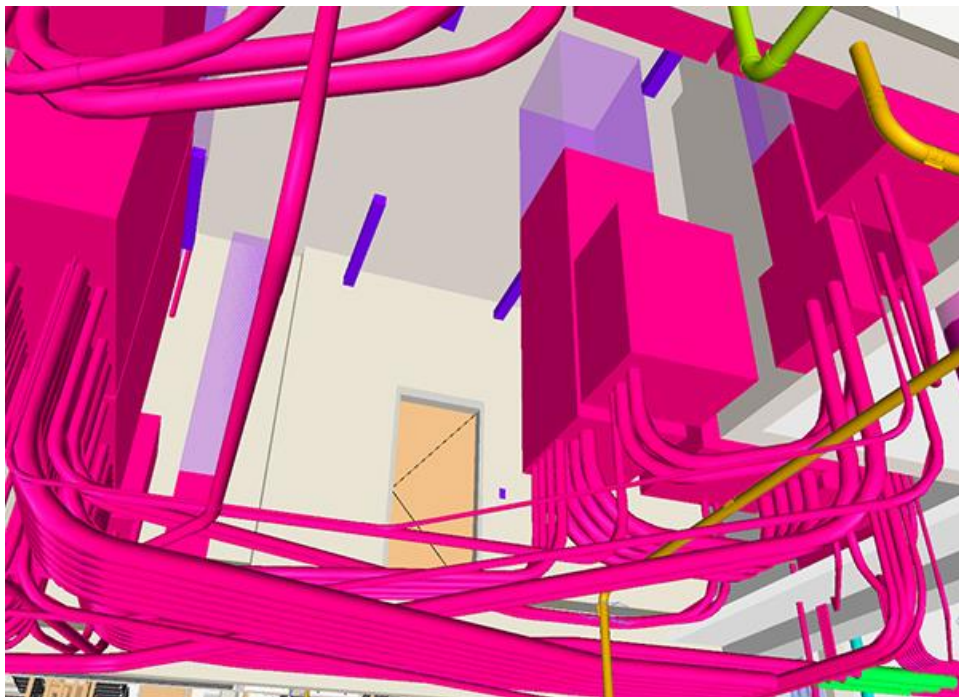
Archer Tower Development, USA

PRE-FAB WIRE SCHEDULE									
APT. Ckt #	From Device	WIRE LENGTH	TYPE	Route	To Device	WIRE LENGTH	TYPE	Route	To Device
SA 8	10	6.767	12/2-MC BX OH		9				
SA 5	14	7.167	12/2-MC BX OH		16				
SA 8	15	5.725	12/2-MC BX OH		9				
SA 10	17	11.4	12/2-MC BX OH		12				
SA 5	18	5.817	12/2-MC BX OH		16				
SA 4	19	18.333	12/2-MC BX OH		20				
SA 2	2	8.733	12/2-MC BX OH	1 (17A)					
SA 4	22	4.725	12/2-MC BX OH		21				
SA 4	23	36.725	12/2-MC BX OH		19				
SA 4		7.175	12/2-MC BX OH		22				
SA 1	25	17.767	12/2-MC BX OH		25				
SA 1		5.25	12/2-MC BX OH		24				
SA 1	26	9.658	12/2-MC BX OH		28				
SA 3		26.708	12/2-MC BX OH		36				
SA 3	3	20.433	12/2-MC BX OH		41				
SA 1	30	6.842	12/2-MC BX OH		29				
SA 1	31	4.675	12/2-MC BX OH		30				
SA 2	32	30.533	12/2-MC BX OH	2 (17B)					
SA 2		5.442	12/2-MC BX OH		33 (17F)				
SA 1	34	8.2	12/2-MC BX OH		31				
SA 1	35	19.65	12/2-MC BX OH		34				
SA 11	38	4.833	12/2-MC BX OH		37				
SA 2		4.375	12/2-MC BX OH		24				
SA 2	4	9.858	12/2-MC BX OH		6.1				
SA 13	40A	13.425	12/2-MC BX OH		40B				
SA 6	42.1	13.242	12/2-MC BX OH		44 (17D)				
SA 6		16.55	12/2-MC BX OH		45 (17E)				
SA 6	42.2	8.617	12/2-MC BX OH		43 (17C)				
SA 2	6.1	10.8	12/2-MC BX OH		5 (17A)				
SA 2		13.483	12/2-MC BX OH		5 (17B)				
SA 2	8.2	19.925	12/2-MC BX OH		13 (17F)				
SA 3	7	18.175	12/2-MC BX OH		36				
SA 1		23.367	12/2-MC BX OH		25				
SA 10		29.825	12/2-MC BX OH		12				
SA 11		20.075	12/2-MC BX OH		37				
SA 12-14		18.467	10/2-MC BX OH		39				
SA 13		14.958	12/2-MC BX OH		40B				
SA 17-19		28.7	12/2-MC BX OH		27				
SA 2		17.833	12/2-MC BX OH		2				
SA 3		15.608	12/2-MC BX OH		41				
SA 4		23.292	12/2-MC BX OH		23				
SA 5		34.663	12/2-MC BX OH		16				
SA 6		13.5	12/2-MC BX OH		42.1				
SA 7		26.325	12/2-MC BX OH		11				
SA 8		26.258	12/2-MC BX OH		9				
SA 9		25.017	12/2-MC BX OH		8				
		721.558							



FEATURED PROJECTS

Bend Lapine High School, USA



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THANK YOU

