



# INDUSTRIAL ENGINEERING BIM SERVICES





# WHO WE ARE

Established in 2007, Advenser helps construction companies, general contractors, architects & engineers, integrate BIM into their projects seamlessly within their predefined timelines and budget, bridging the gap between concept & constructability.

## Mission

To provide services to customers globally with cutting edge technologies and guaranteed cost savings.

## Vision

To be recognized as a leading Business Process Outsourcing service provider delivering exemplary services.





# OUR CLIENT BASE





# ADVENSER **DIFFERENTIATORS**



**Comprehensive Set Of BIM Solutions**



**System Driven Best Project Practice**



**State-of-the Art-infrastructure**



**Refined Quality Assurance Procedure**



**Scalability & Flexibility Of Resources**



**Qualified & Specialized Resources**

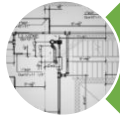




# INDUSTRIAL ENGINEERING BIM SERVICES



BIM Coordination



Process Piping Drawings



3D BIM Modeling



Shop Drawings



Point Cloud to BIM Conversion



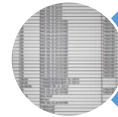
Process Schematic Diagram



GA & Equipment Layout



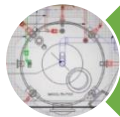
Structural 3D Modeling Services



Bill of Materials



As-Built Documentation



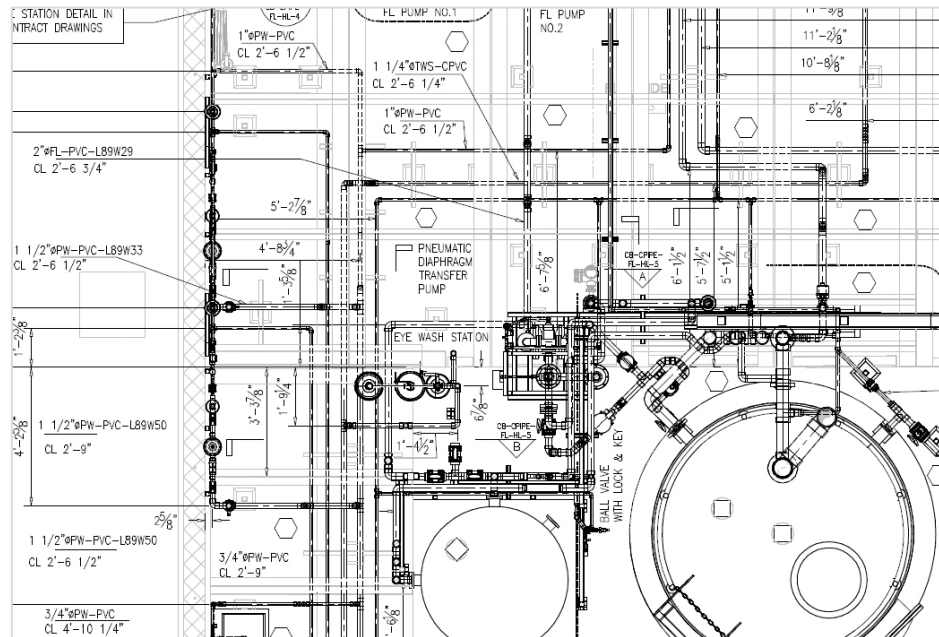
Spool and Fabrication Drawings



P & ID Diagrams

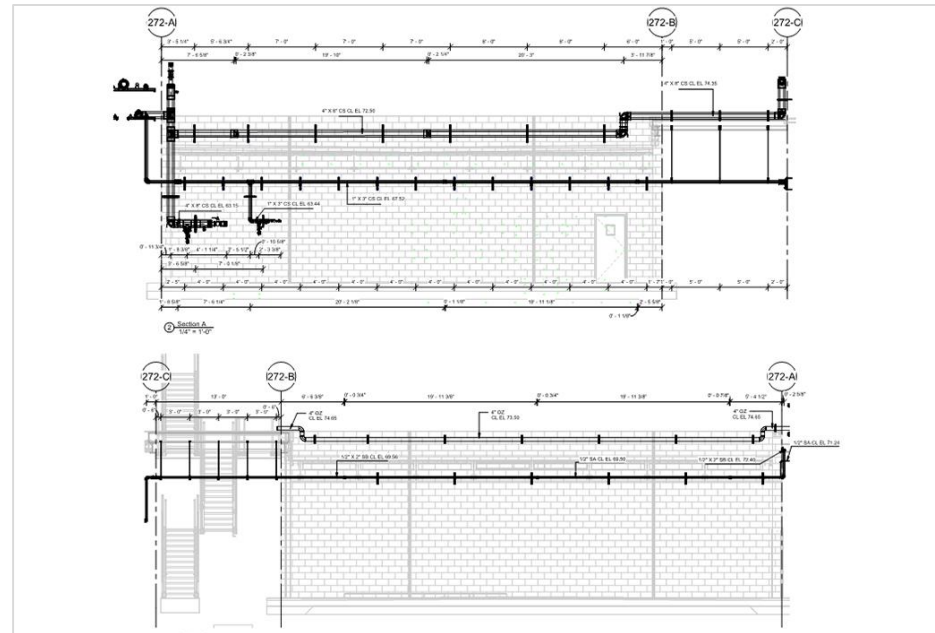
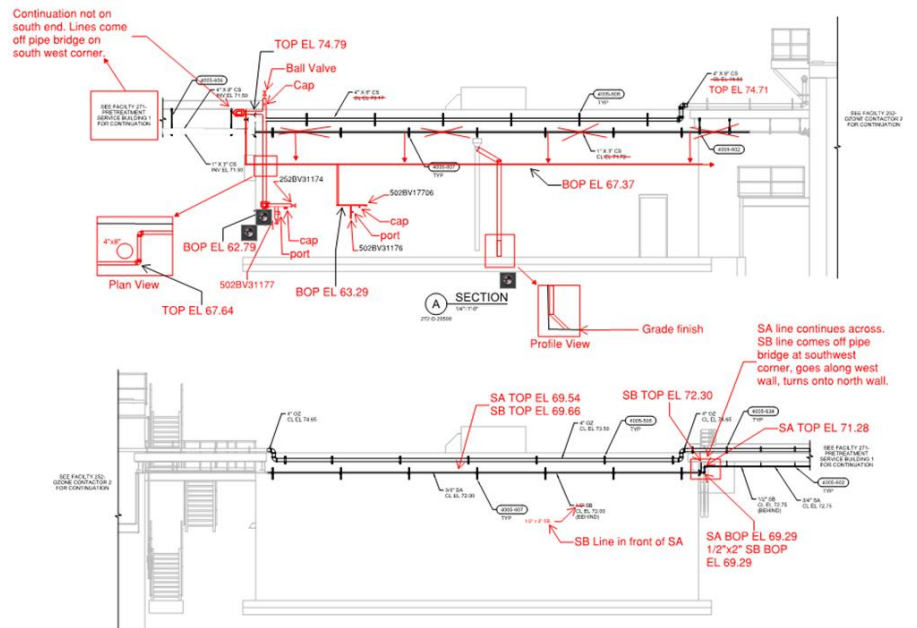






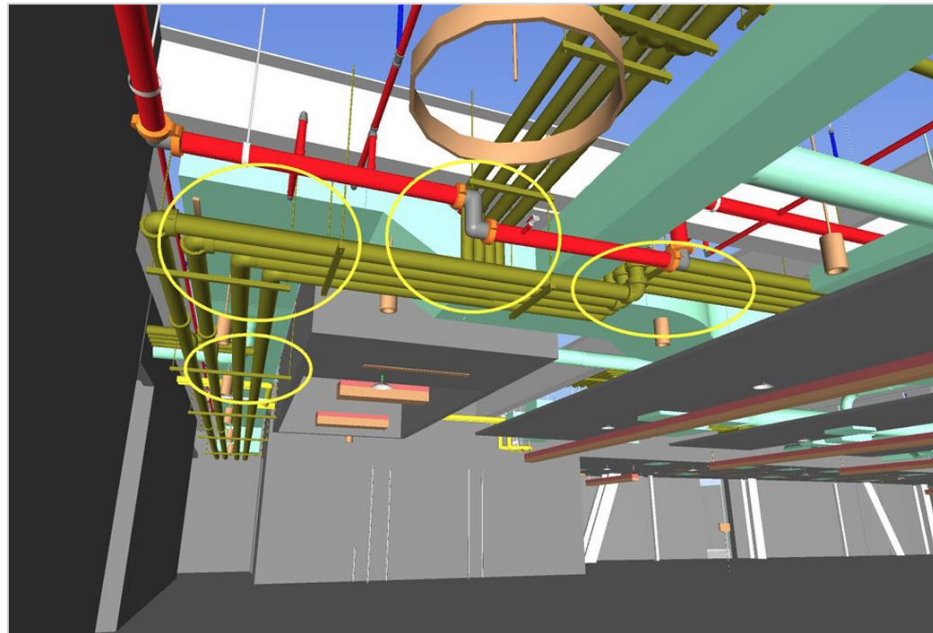
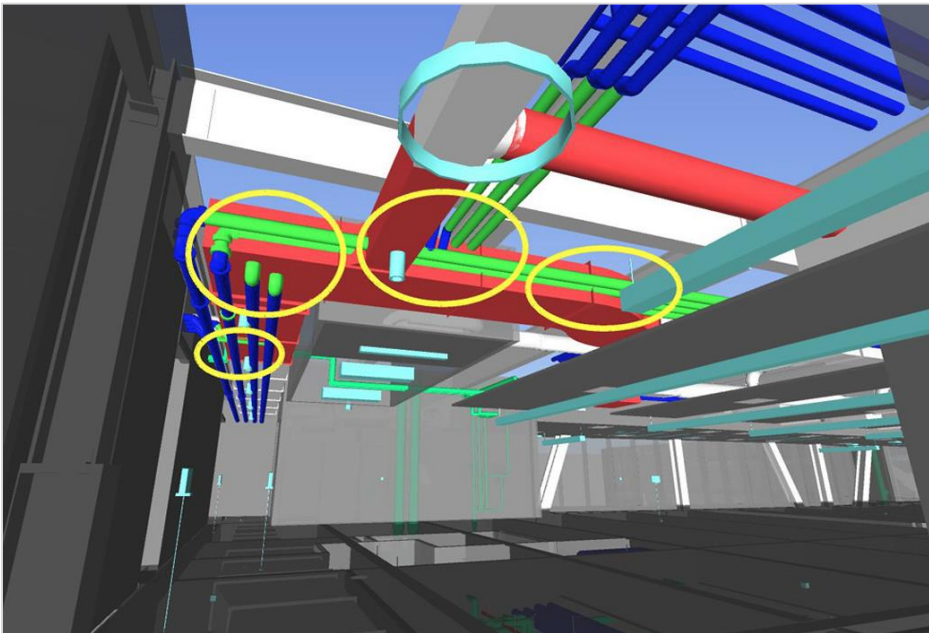


# AS BUILT DOCUMENTATION





# BIM COORDINATION



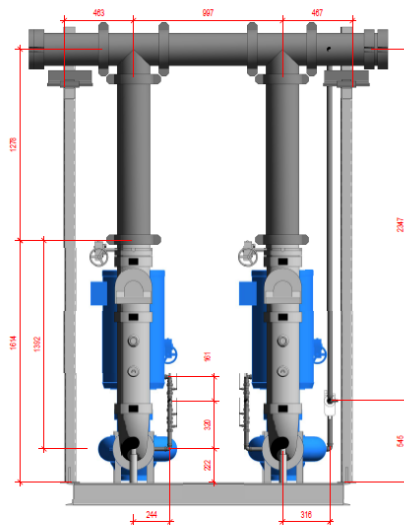
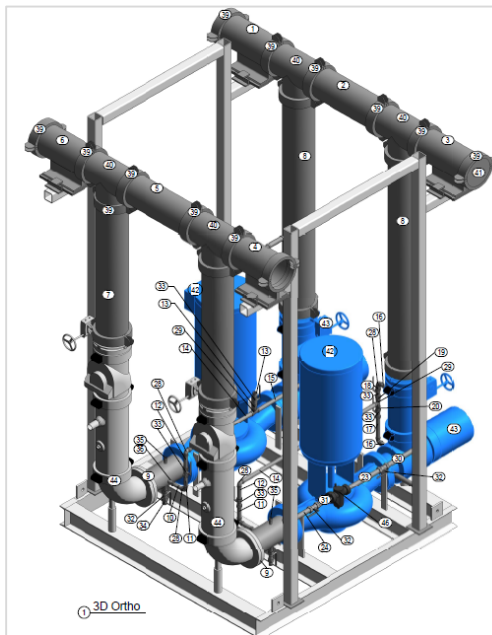


# POINT CLOUD TO BIM CONVERSION





# BILL OF MATERIALS

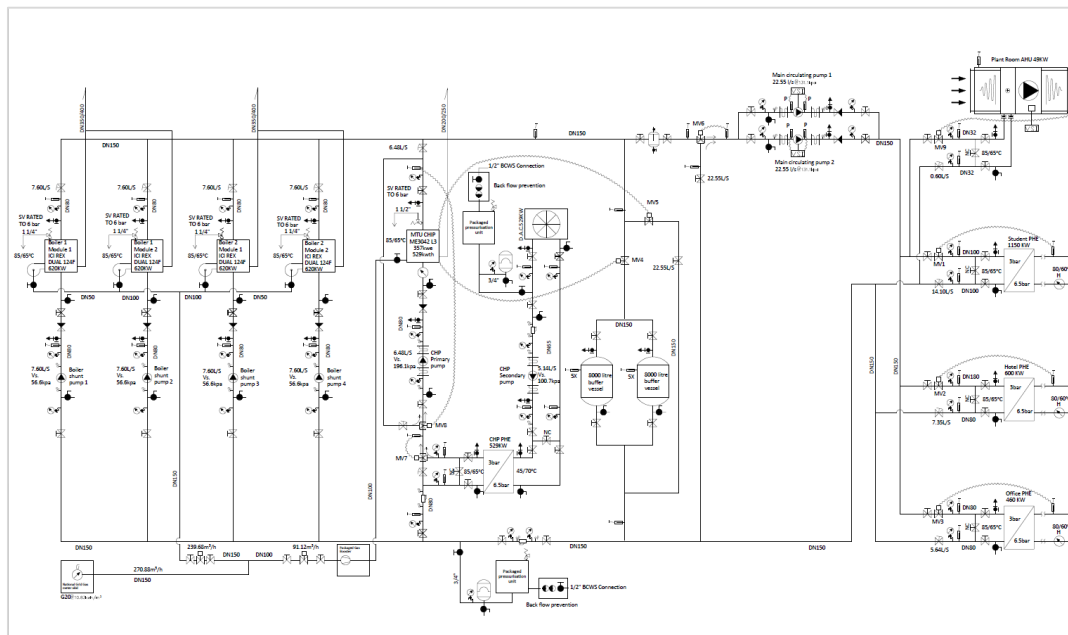


MEP Fabrication Pipework Schedule					
Mark	Size	Description	End Prep	Length (mm)	Qty
1	200e	PIPE 316L SS SCH 10	GWGV	450	1
2	200e	PIPE 316L SS SCH 10	GWGV	562	1
3	200e	PIPE 316L SS SCH 10	GWGV	465	1
4	200e	PIPE 316L SS SCH 10	GWGV	374	1
5	200e	PIPE 316L SS SCH 10	GWGV	562	1
6	200e	PIPE 316L SS SCH 10	GWGV	427	1
7	200e	PIPE 316L SS SCH 10	GWGV	1070	2
8	200e	PIPE 316L SS SCH 10	GWGV	1718	2
9	150e	PIPE 316L SS SCH 10	BWBW	372	2
10	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	108	2
11	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	118	2
12	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	128	2
13	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	50	4
14	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	618	2
15	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	619	2
16	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	112	4
17	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	196	2
18	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	42	2
19	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	43	2
20	20e	PIPE 316L SS SCH 10-THRD	THRD/THRD	45	2
21	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	225	1
22	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	281	1
23	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	315	1
24	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	220	1
25	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	2305	1
26	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	154	1
27	25e-25e	THREADED W/DEG ELBOW- SS- SCH 10			4
28	20e-20e	THREADED W/DEG ELBOW- SS- SCH 10			6
29	20e-20e-20e	THREADED TEE- SS- SCH 10		34	4
30	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	287	1
31	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	128	1
32	25e-25e	BALL VALVE		42	4
33	20e-20e	Ball Valve		35	6
34	25e	PIPE 316L SS SCH 10-THRD	THRD/THRD	48	4
35	150e-15e	THREAD-OLET		125	2
36	150e-20e	THREAD-OLET		125	2
37	200e-25e	THREAD-OLET		190	1
38	150e-25e	THREAD-OLET		125	2
39	200e-200e	VIC QUICKVIC COUPLING STYLE 107N (RIGID)		87	20
40	200e-200e-200e	VIC TEE- SS		396	4
41	200e	VIC END CAP- SS			2
42		A.P.P.L.4.03.04			2
43	200e-150e	VIC IPS SUCTION VIBRATION ISOLATION PUMP DROP S/361			2
44	200e-150e	VIC IPS DISCHARGE VIBRATION ISOLATION PUMP DROP S/380			2



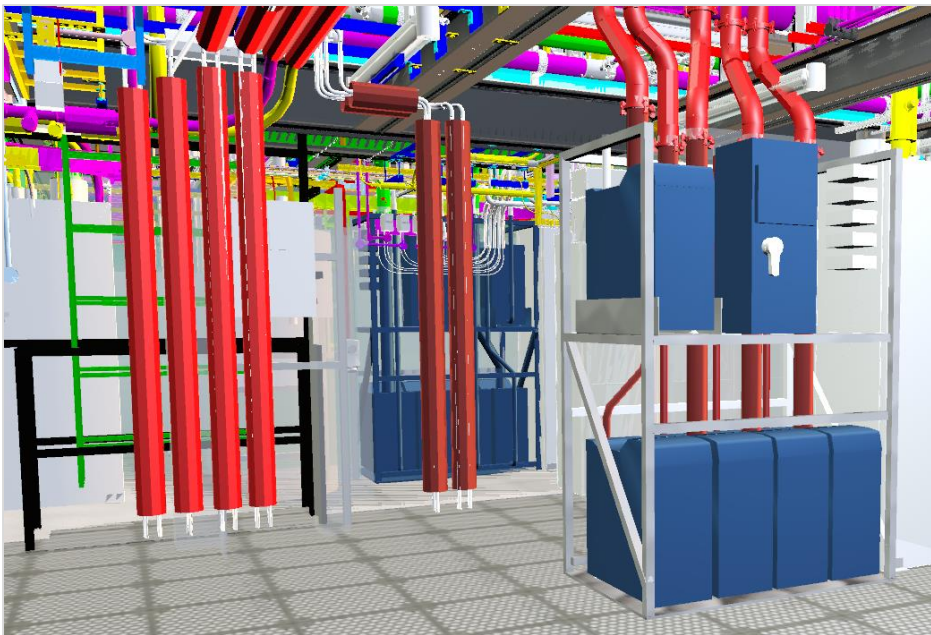


# P & I DIAGRAM



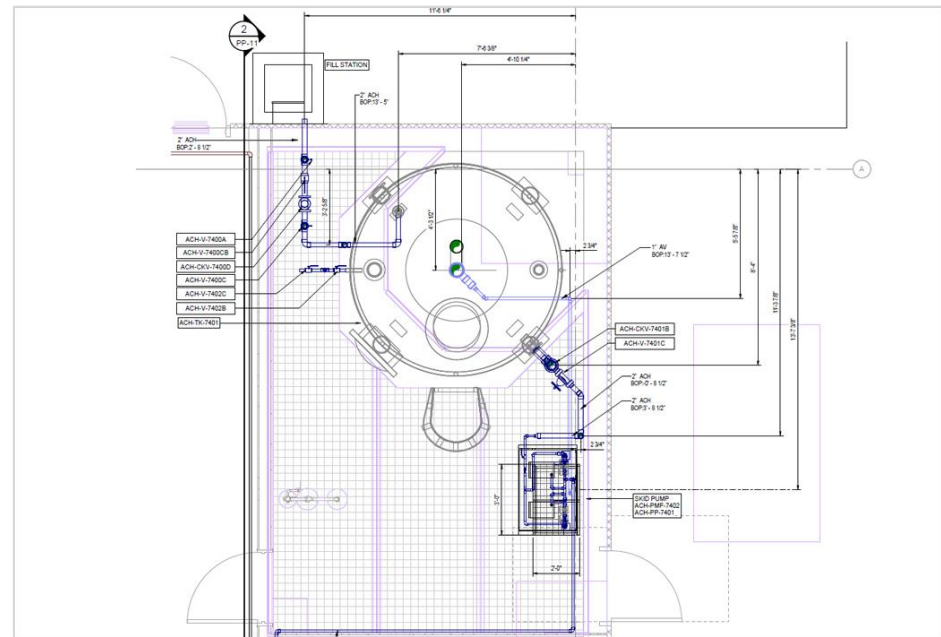


# 3D MODELING



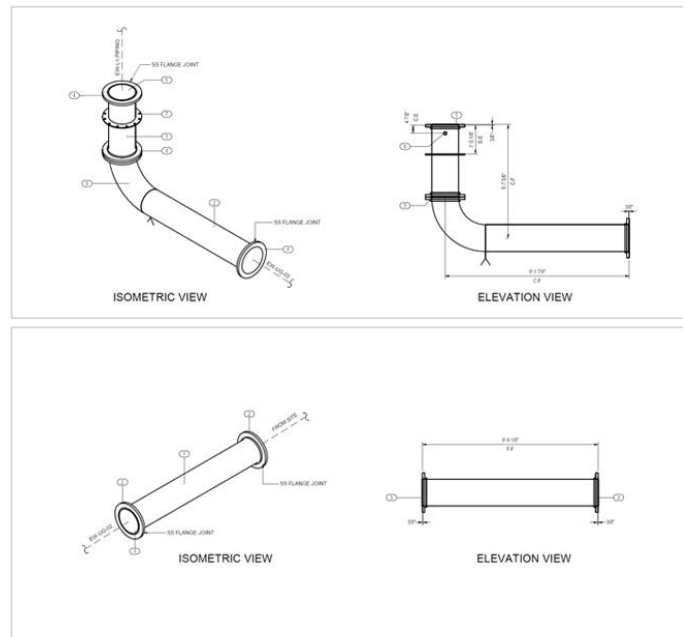
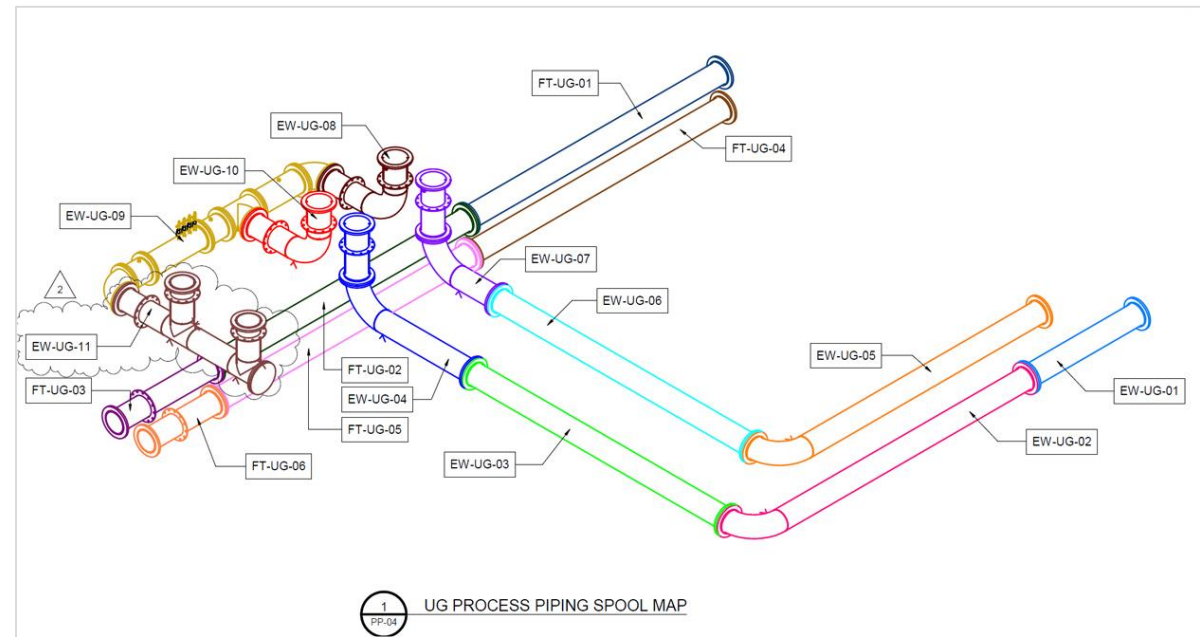


## GA & EQUIPMENT LAYOUT



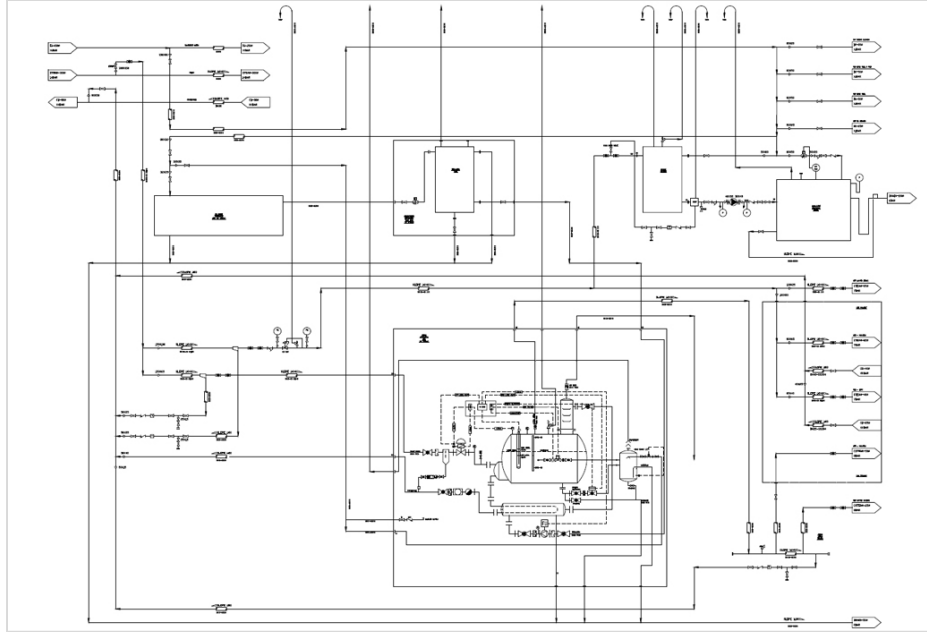


# SPOOL AND FABRICATION DRAWINGS



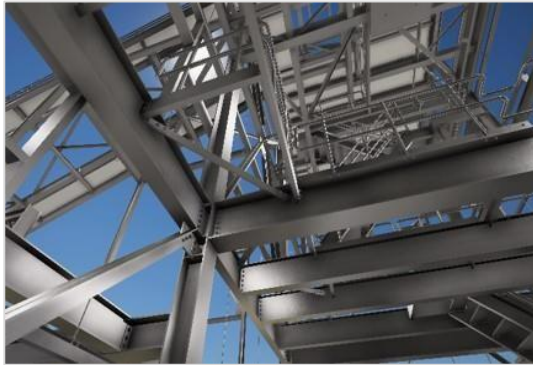
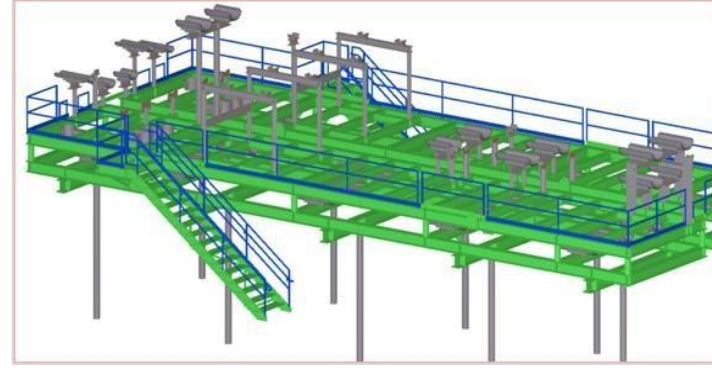
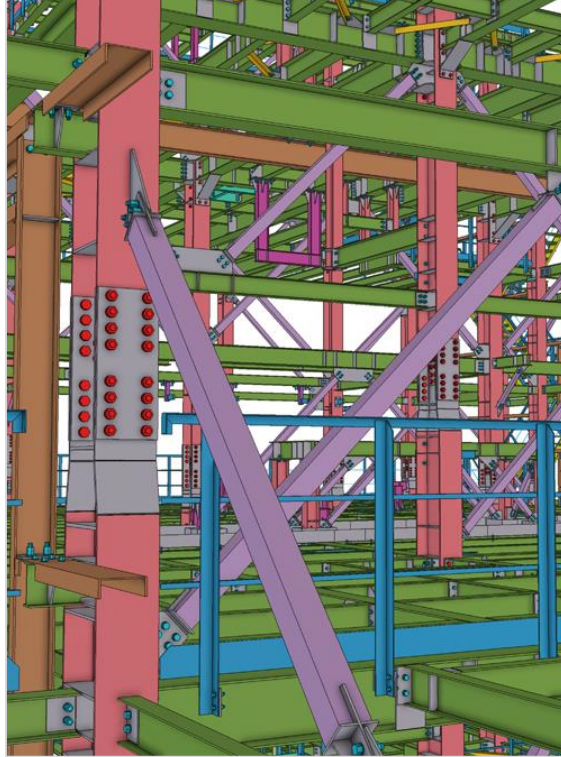


# PROCESS SCHEMATIC DIAGRAM



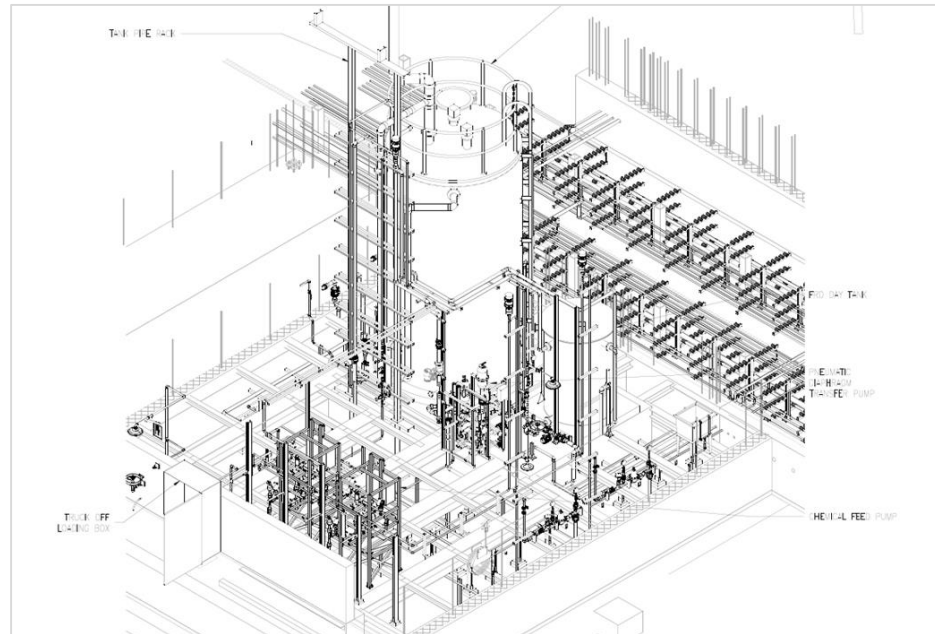
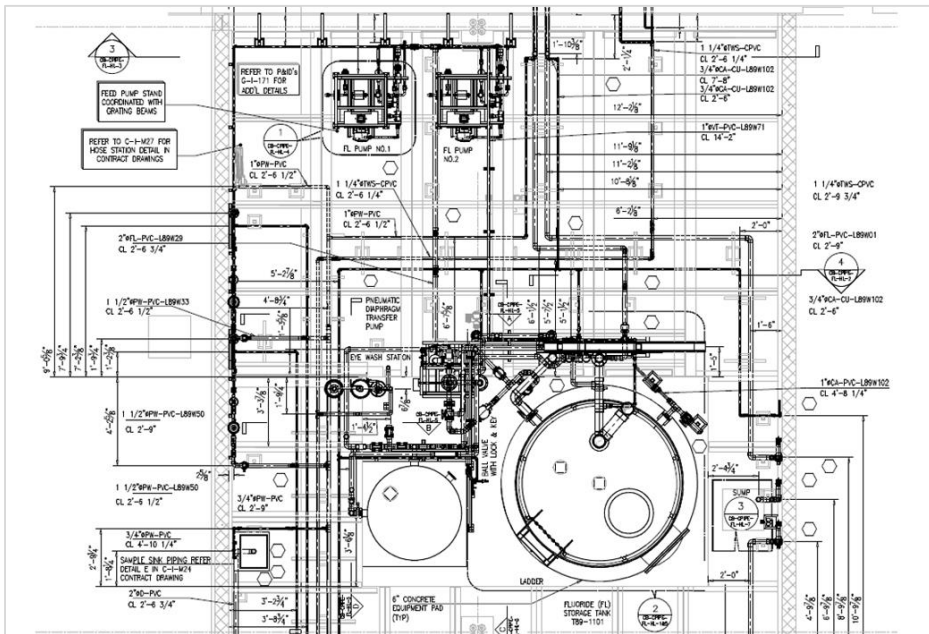


# STRUCTURAL 3D MODELING SERVICES



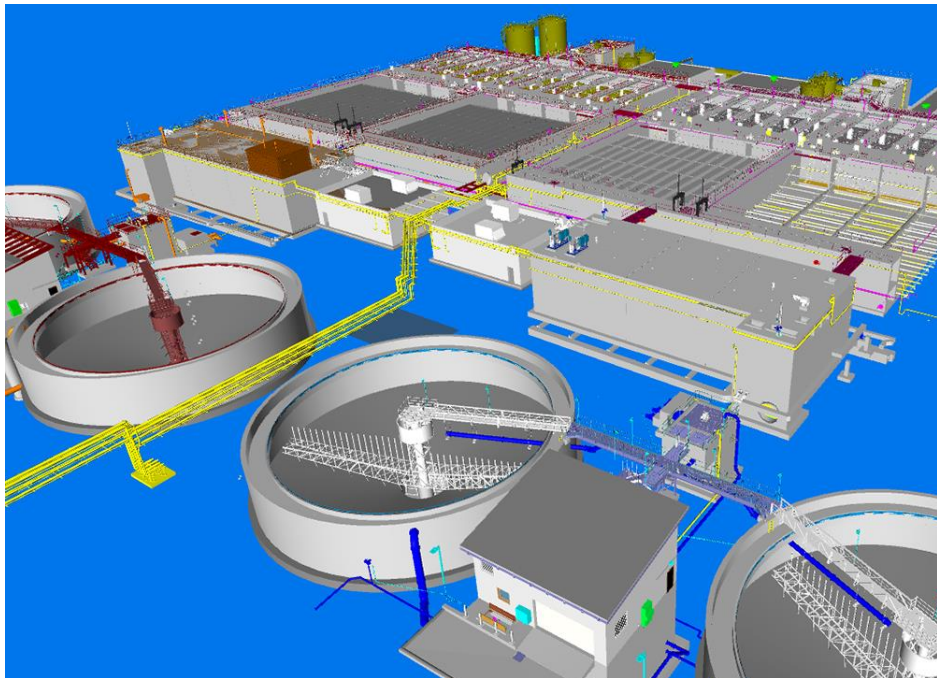


# PROCESS PIPING DRAWINGS





# FEATURED PROJECTS

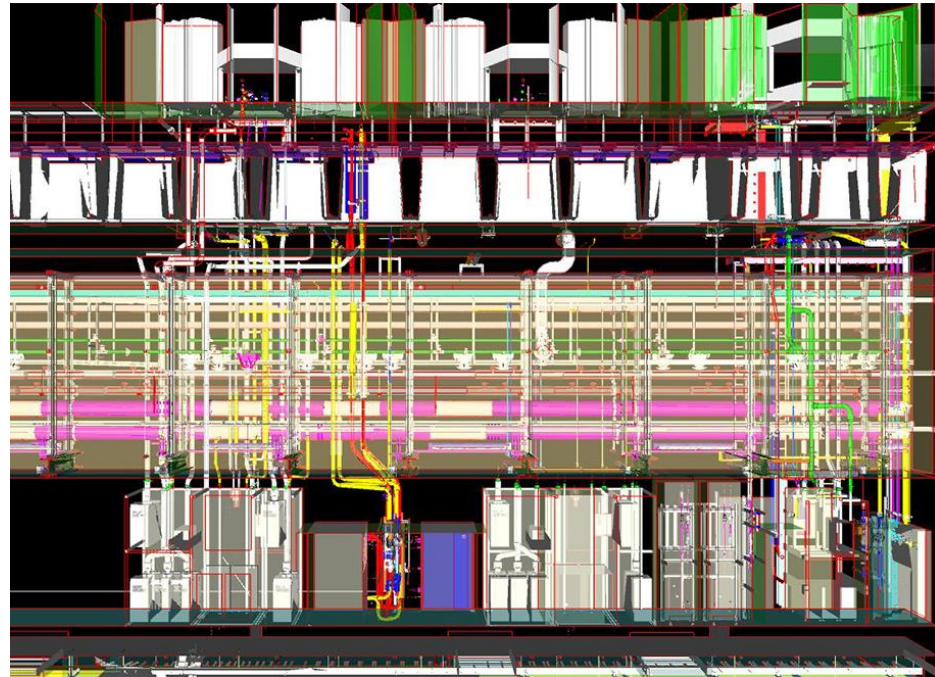
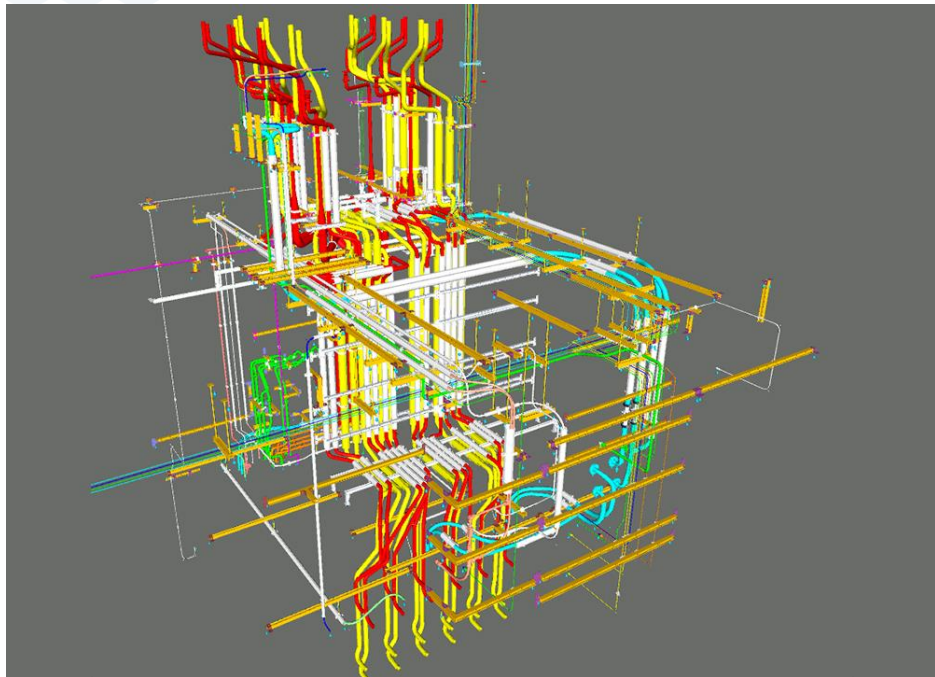


Water Purification Plant, Texas, USA





# FEATURED PROJECTS

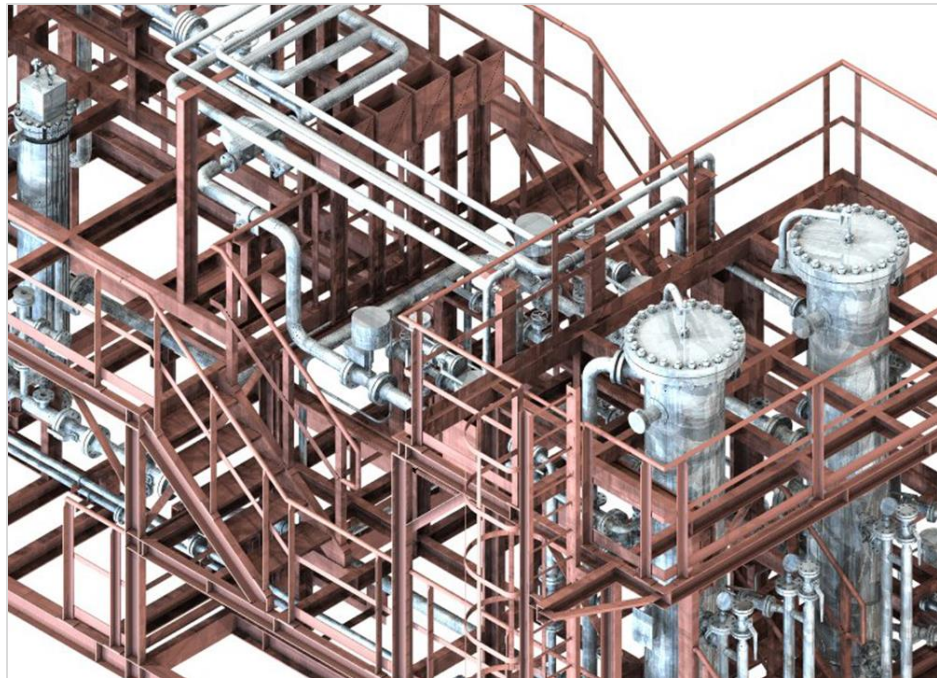
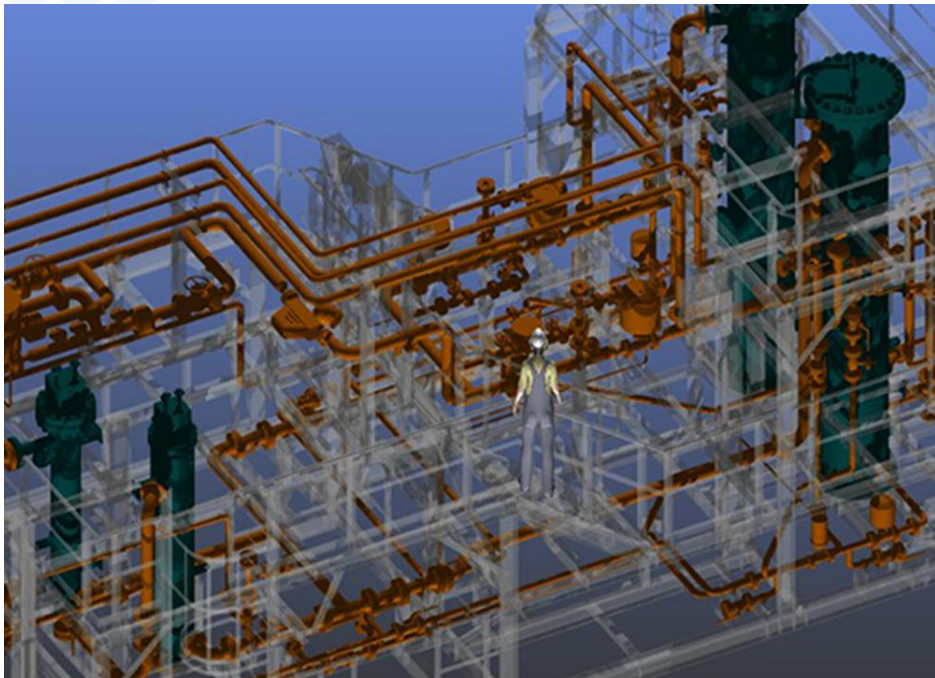


Data Center, Ireland





# FEATURED PROJECTS

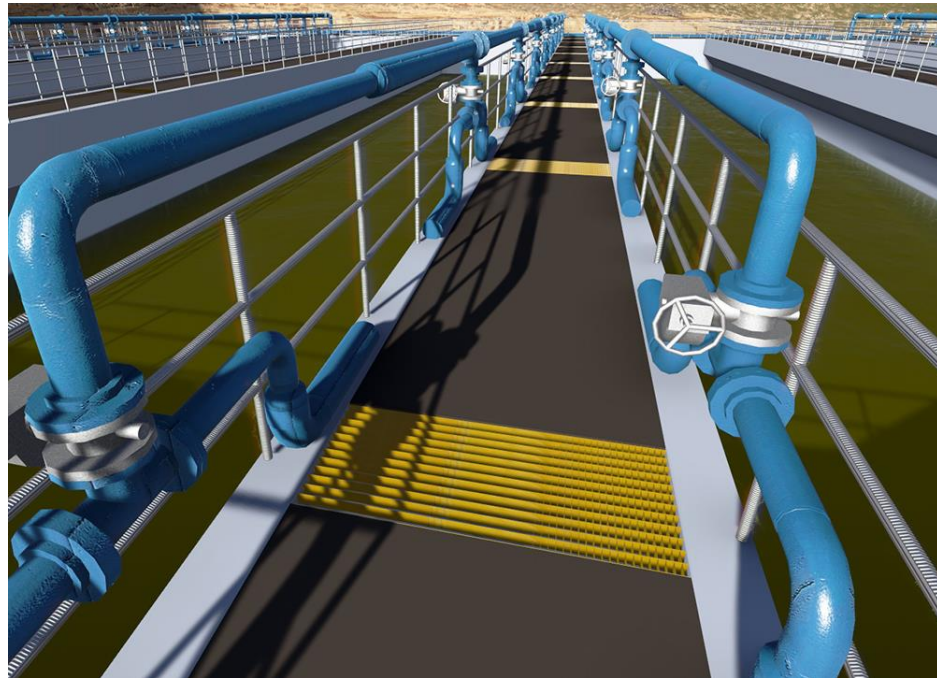


Oil and Gas Facility, Australia





# FEATURED PROJECTS

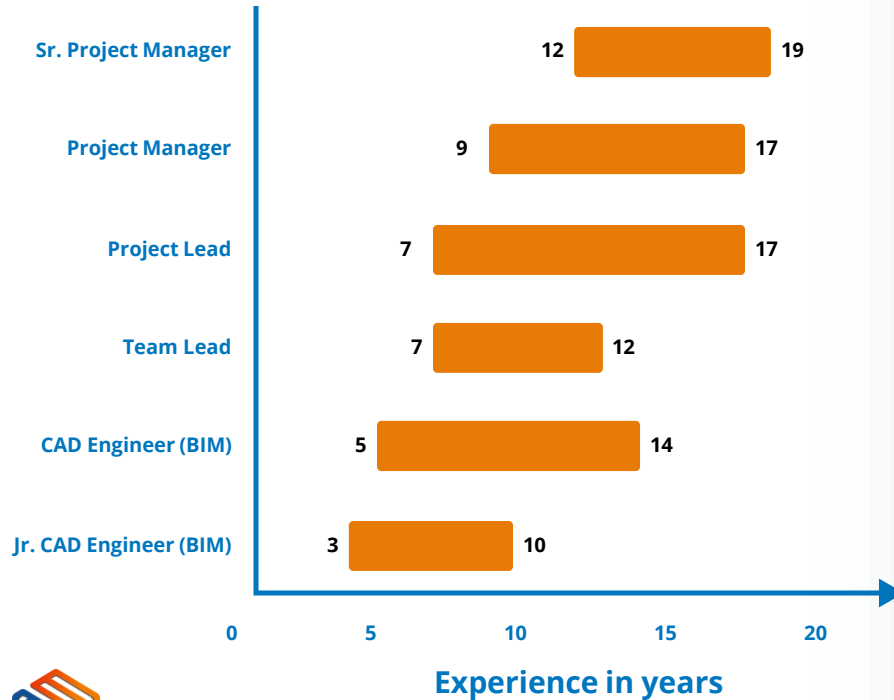


Water Treatment Plant, CA, USA





# TEAM PROFICIENCY AND SOFTWARE PROFICIENCY





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THANK YOU



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