



**Centreline BIM**  
Designing better, Tomorrow

# CLASH DETECTION

[WWW.CENTRELINEBIM.COM](http://WWW.CENTRELINEBIM.COM)

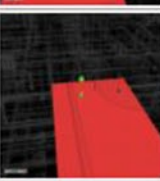

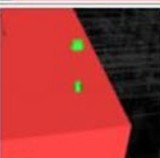
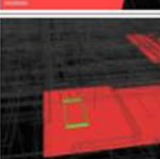
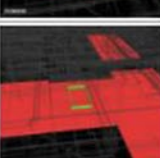
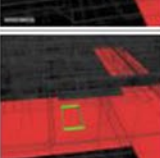
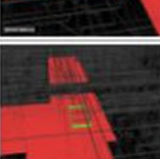
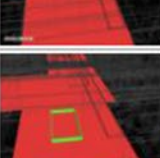


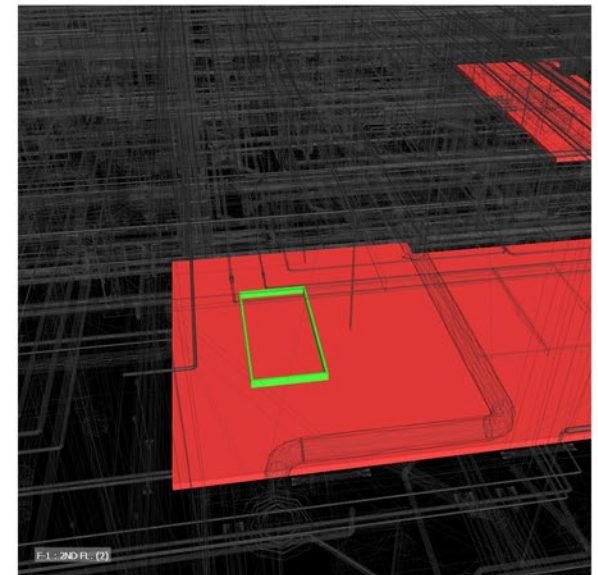
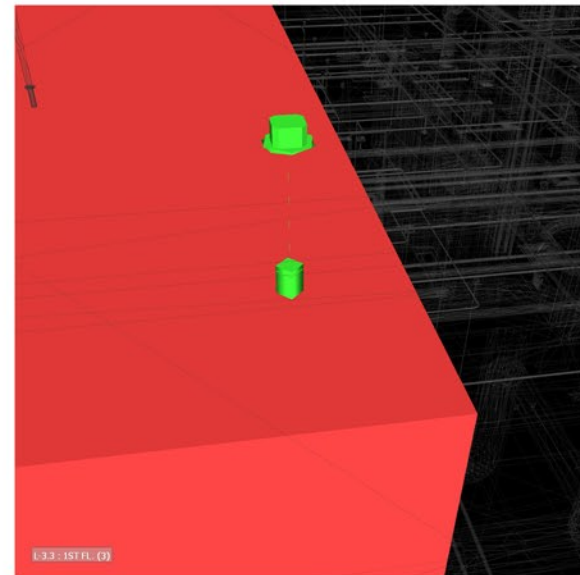
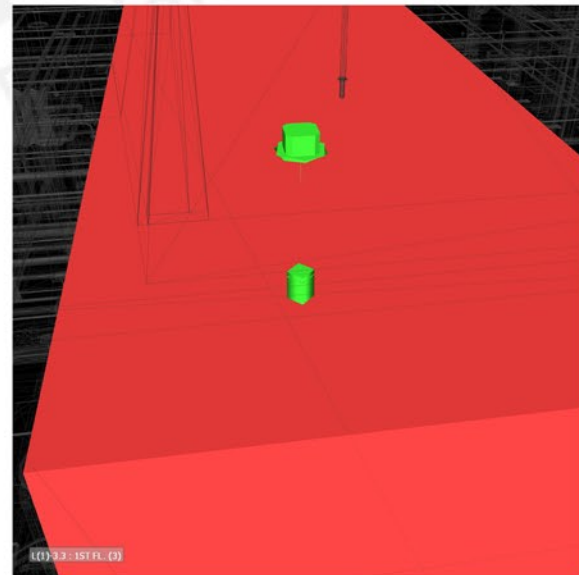
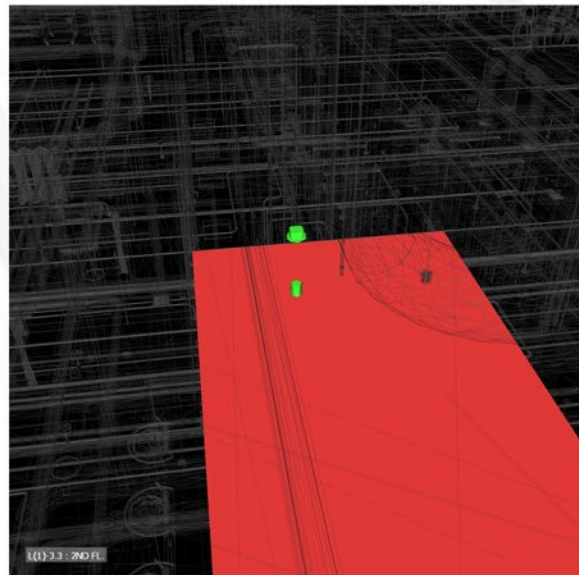
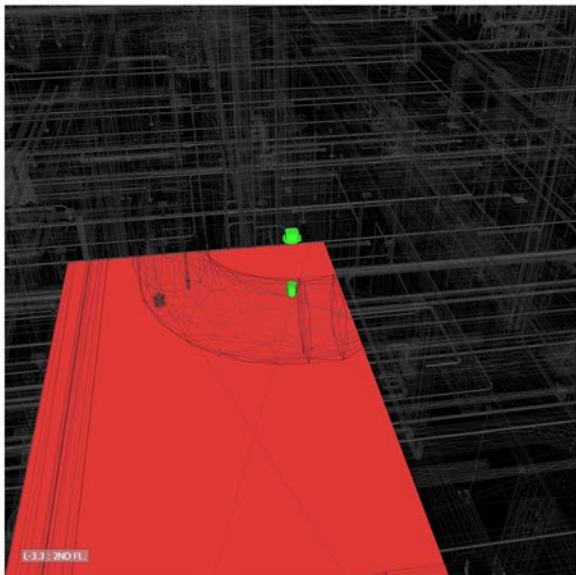
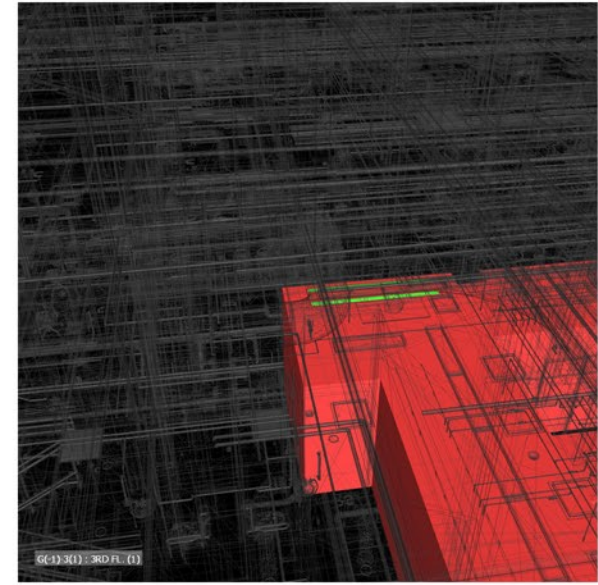
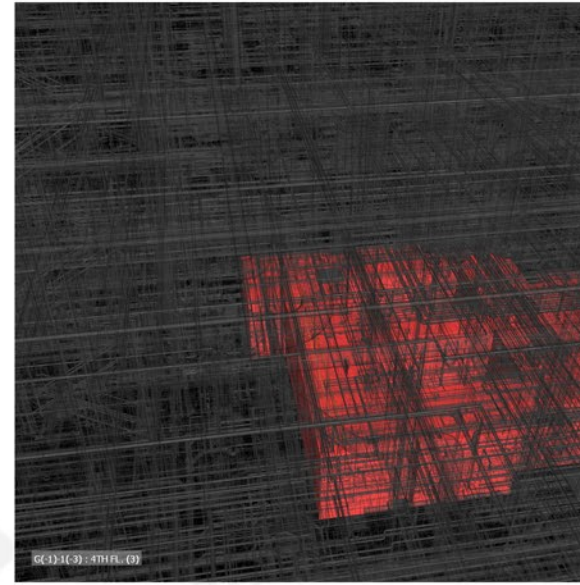
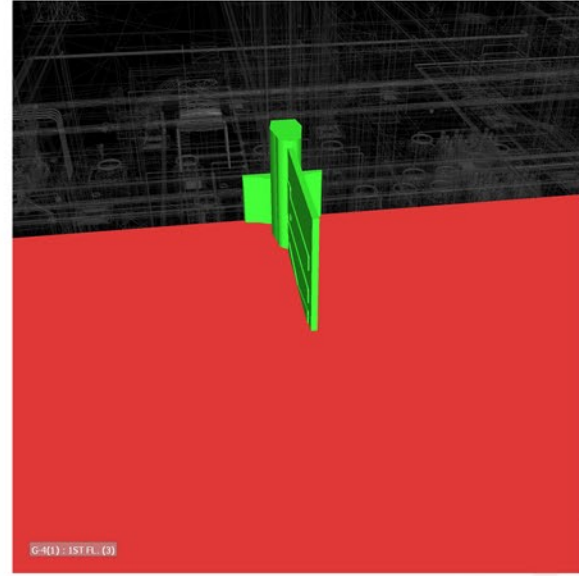
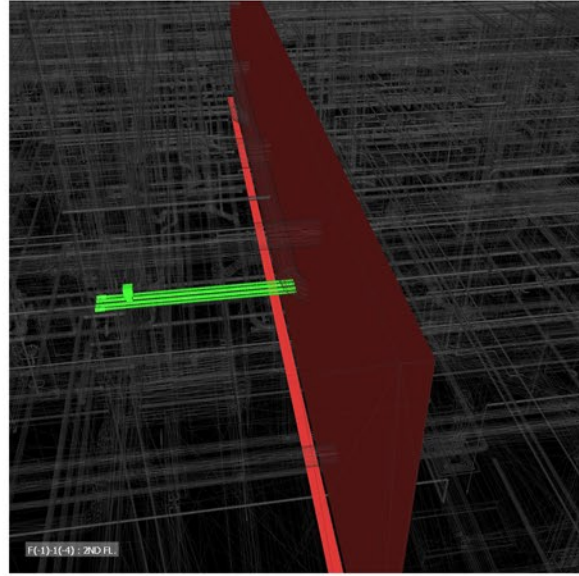
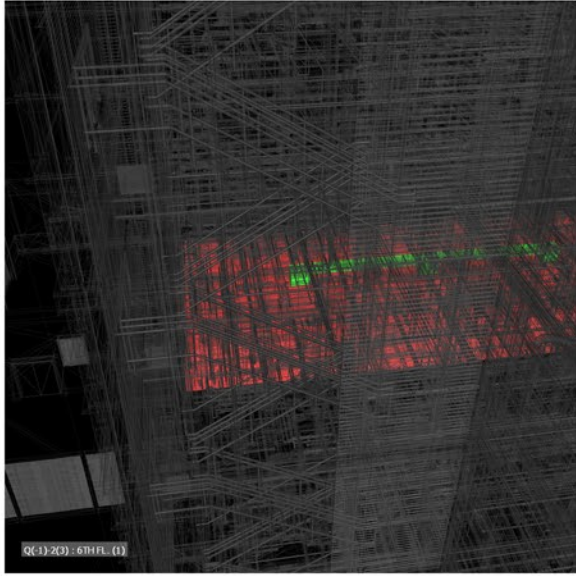
+91 95440 55556



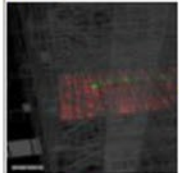
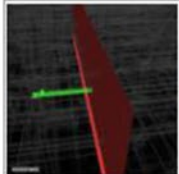
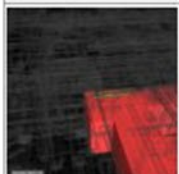
[WRITEUS@CENTRELINEBIM.COM](mailto:WRITEUS@CENTRELINEBIM.COM)



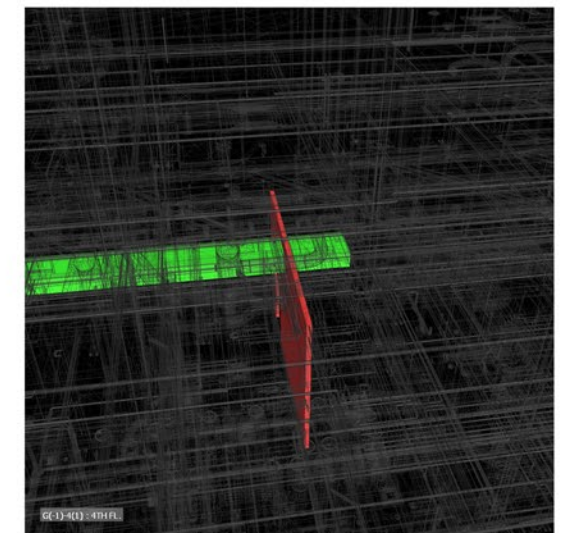
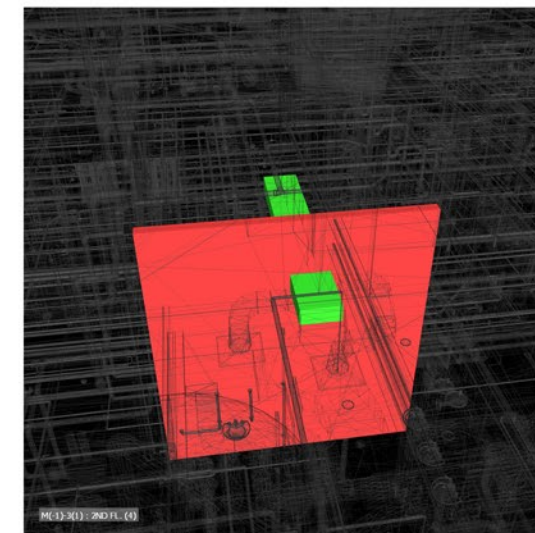
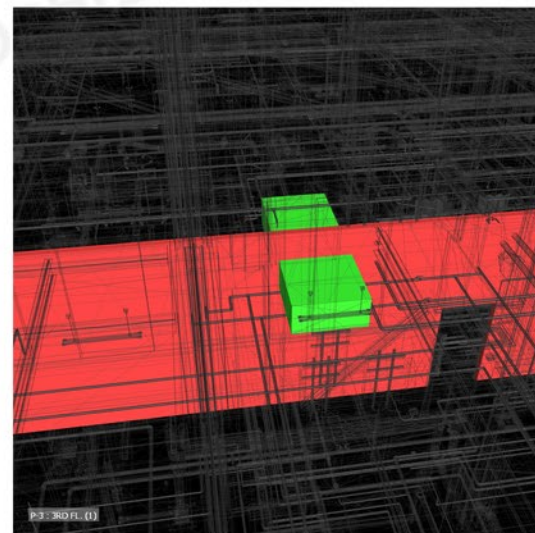
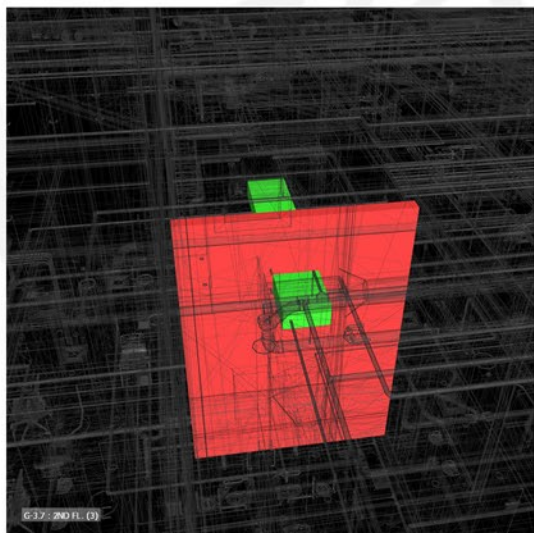
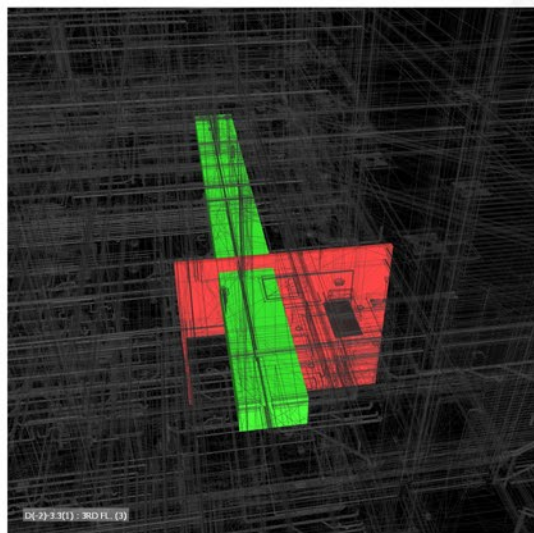
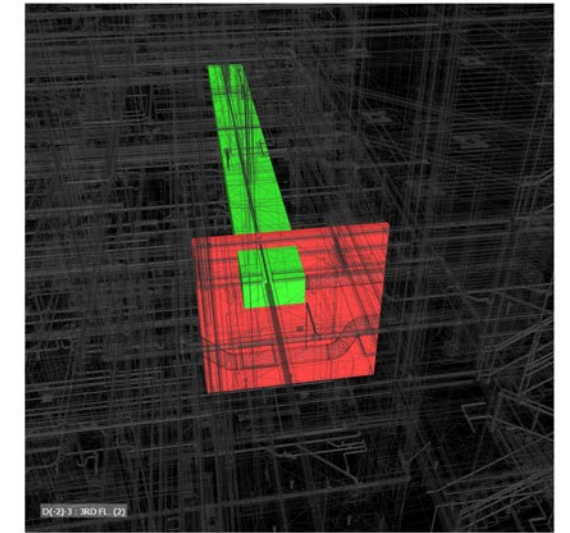
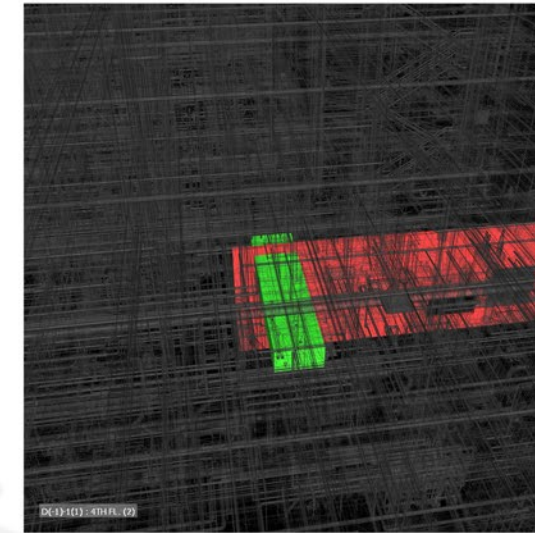
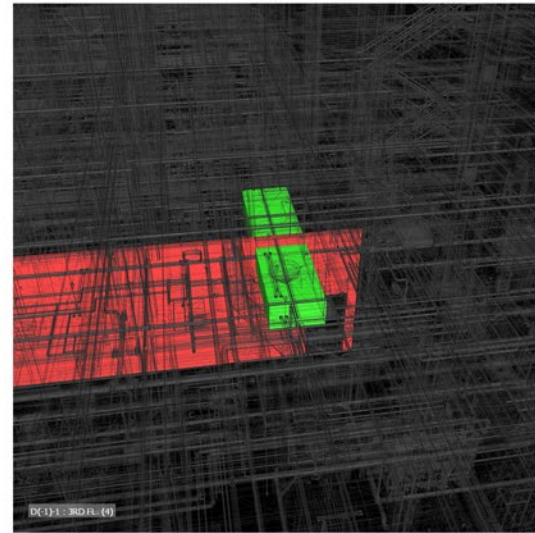
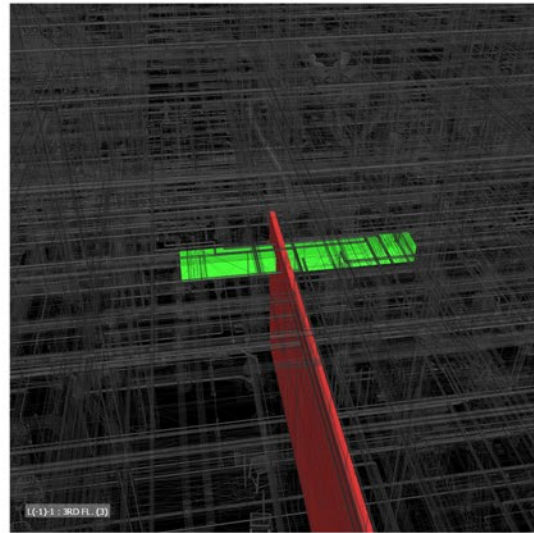
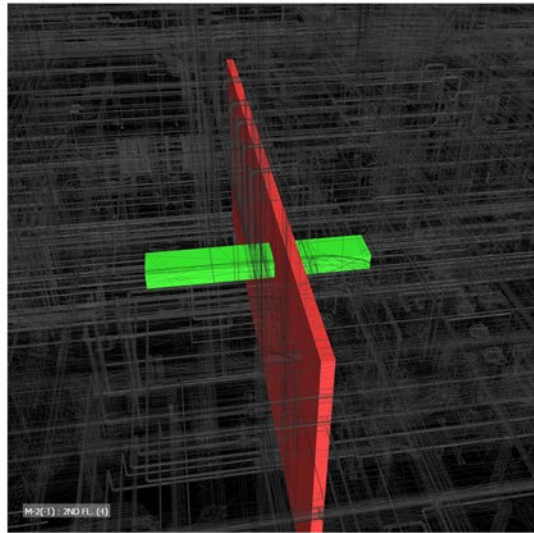
	Clash7	New	-0.065	L-3.7 : 1ST FL.	Hard	x:620.050, y:-301.931, z:9.957	Element ID: 35432314	1ST FL.	COFFEE 122	Solid	Element ID: 4260421	1ST FL.	Aluminum - Lumenpulse - Matte White	Solid
	Clash8	New	-0.065	L-3.3 : 1ST FL.	Hard	x:622.675, y:-303.849, z:9.957	Element ID: 35432314	1ST FL.	COFFEE 122	Solid	Element ID: 4260338	1ST FL.	Aluminum - Lumenpulse - Matte White	Solid
	Clash9	New	-0.065	L-3.3 : 1ST FL.	Hard	x:623.194, y:-303.186, z:9.957	Element ID: 35432314	1ST FL.	COFFEE 122	Solid	Element ID: 4260271	1ST FL.	Aluminum - Lumenpulse - Matte White	Solid
	Clash10	New	-0.064	F-1 : 1ST FL.	Hard	x:656.091, y:-284.002, z:10.014	Element ID: 35389317	1ST FL.	Default	Solid	Element ID: 4259671	1ST FL.	KS_LightFixtureMaterial	Solid
	Clash11	New	-0.064	F-1 : 1ST FL.	Hard	x:658.325, y:-283.011, z:10.014	Element ID: 35389317	1ST FL.	Default	Solid	Element ID: 4259687	1ST FL.	KS_LightFixtureMaterial	Solid
	Clash12	New	-0.064	F-1 : 1ST FL.	Hard	x:657.685, y:-282.902, z:10.014	Element ID: 35389317	1ST FL.	Default	Solid	Element ID: 4259679	1ST FL.	KS_LightFixtureMaterial	Solid
	Clash13	New	-0.064	E-1 : 1ST FL.	Hard	x:659.764, y:-281.042, z:10.014	Element ID: 35389317	1ST FL.	Default	Solid	Element ID: 4259501	1ST FL.	KS_LightFixtureMaterial	Solid
	Clash14	New	-0.064	E-1 : 1ST FL.	Hard	x:661.450, y:-282.633, z:10.014	Element ID: 35389317	1ST FL.	Default	Solid	Element ID: 4259697	1ST FL.	KS_LightFixtureMaterial	Solid



LEVEL 01 ARCH VS ELECTRICAL	Tolerance	Clashes	New	Active	Reviewed	Approved	Resolved	Type	Status
	0.005m	362	362	0	0	0	0	Hard	OK

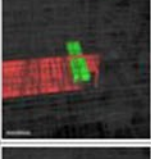
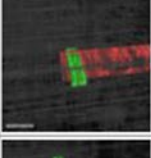
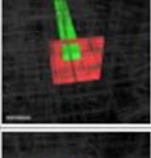
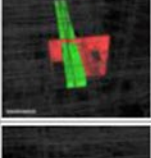
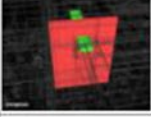
Image	Clash Name	Status	Distance	Grid Location	Description	Clash Point	Item 1				Item 2			
							Item ID	Layer	Item Name	Item Type	Item ID	Layer	Item Name	Item Type
	Clash1	New	-0.305	P-5 : 1ST FL.	Hard	x:597.323, y:-310.033, z:9.957	Element ID: 34611751	1ST FL.	SCALE UP LAB 1-L-32	Solid	Element ID: 5371825	1ST FL.	Electrical Equipment	Solid
	Clash2	New	-0.295	F-2 : 1ST FL.	Hard	x:654.024, y:-282.017, z:10.325 :		1ST FL.	Gypsum Wall Board Ceiling	Solid	Element ID: 4474318	1ST FL.	4' 6" Length	Composite Part
	Clash3	New	-0.143	G-4 : 1ST FL.	Hard	x:633.879, y:-278.507, z:9.957	Element ID: 34611967	1ST FL.	STAIR 2 1-F-20	Solid	Element ID: 5286448	1ST FL.	Acrylic-Signify-Mirror	Solid
	Clash4	New	-0.076	F-3.7 : 1ST FL.	Hard	x:638.976, y:-275.124, z:9.957	Element ID: 34611964	1ST FL.	PROCESS LAB 1-C-24	Solid	Element ID: 5366495	1ST FL.	Cable Tray with Fittings	Line
	Clash5	New	-0.076	F-4 : 1ST FL.	Hard	x:636.038, y:-274.918, z:9.957	Element ID: 34611964	1ST FL.	PROCESS LAB 1-C-24	Solid	Element ID: 5369400	1ST FL.	Cable Tray with Fittings	Line
	Clash6	New	-0.065	L-3.7 : 1ST FL.	Hard	x:620.529, y:-301.275, z:9.957	Element ID: 35432314	1ST FL.	COFFEE 122	Solid	Element ID: 4260419	1ST FL.	Aluminum - Lumenpulse - Matte White	Solid

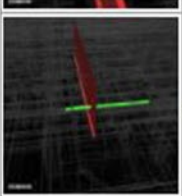
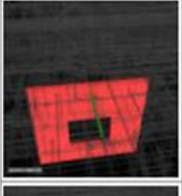
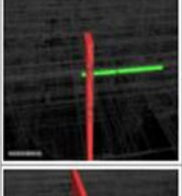
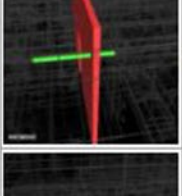
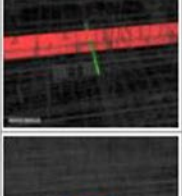
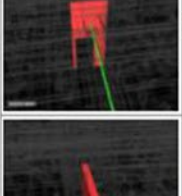
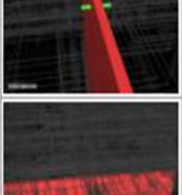
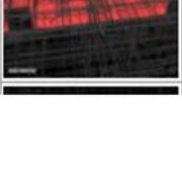
	Clash8	New	-0.905	P-4 : 1ST FL.	Hard	x:606.913, y:-314.095, z:10.609	Element ID: 33718113	1ST FL.	Metal - C Channel	Solid	Element ID: 4933297	1ST FL.	Rectangular Duct	Line
	Clash9	New	-0.893	M-3.7 : 1ST FL.	Hard	x:619.437, y:-305.089, z:10.630	Element ID: 33718126	1ST FL.	Metal - C Channel	Solid	Element ID: 4957258	1ST FL.	Rectangular Duct	Line
	Clash10	New	-0.883	F-6 : 1ST FL.	Hard	x:625.467, y:-267.167, z:10.643	Element ID: 33718206	1ST FL.	Metal - C Channel	Solid	Element ID: 4950185	1ST FL.	Rectangular Duct	Line
	Clash11	New	-0.857	G-6 : 1ST FL.	Hard	x:623.400, y:-269.997, z:10.643	Element ID: 33718182	1ST FL.	Metal - C Channel	Solid	Element ID: 4950185	1ST FL.	Rectangular Duct	Line
	Clash12	New	-0.853	P-3 : 1ST FL.	Hard	x:616.336, y:-319.280, z:10.897	Element ID: 33718094	1ST FL.	Metal - C Channel	Solid	Element ID: 4941760	1ST FL.	Rectangular Duct	Line
	Clash13	New	-0.833	L-3 : 1ST FL.	Hard	x:628.544, y:-306.470, z:10.439	Element ID: 35329595	1ST FL.	Metal - C Channel	Solid	Element ID: 4942012	1ST FL.	Rectangular Duct	Line
	Clash14	New	-0.813	G-2 : 1ST FL.	Hard	x:648.060, y:-285.157, z:10.643	Element ID: 33718025	1ST FL.	Metal - C Channel	Solid	Element ID: 4965000	1ST FL.	Rectangular Duct	Line
	Clash15	New	-0.808	M-2 : 1ST FL.	Hard	x:625.081, y:-312.386, z:10.439	Element ID: 35330044	1ST FL.	Metal - C Channel	Solid	Element ID: 4941830	1ST FL.	Rectangular Duct	Line
	Clash16	New	-0.781	C-2 : 1ST FL.	Hard	x:660.679, y:-265.398, z:10.744	Element ID: 33718031	1ST FL.	Metal - C Channel	Solid	Element ID: 4969469	1ST FL.	Rectangular Duct	Line



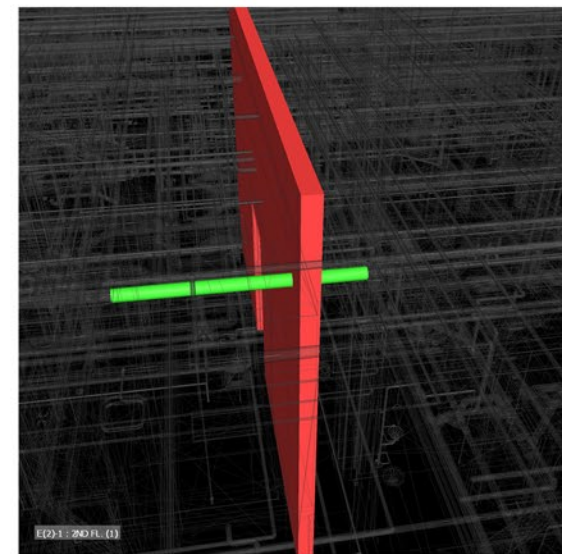
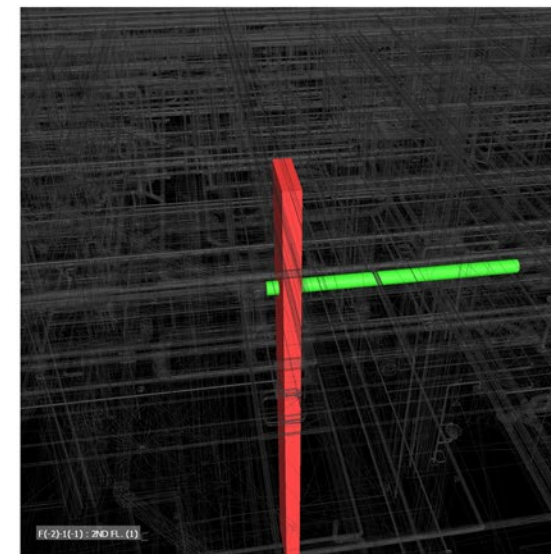
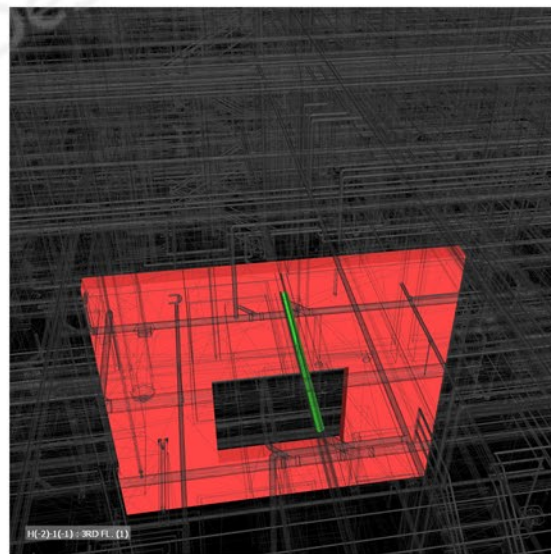
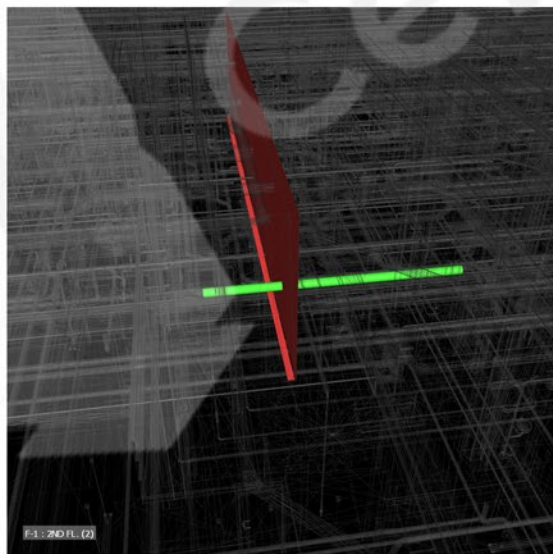
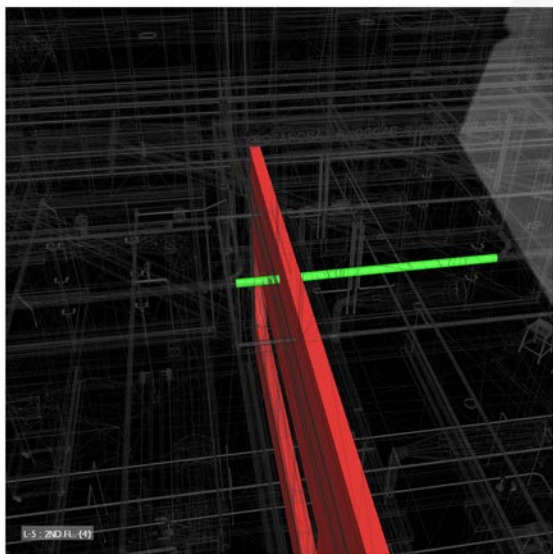
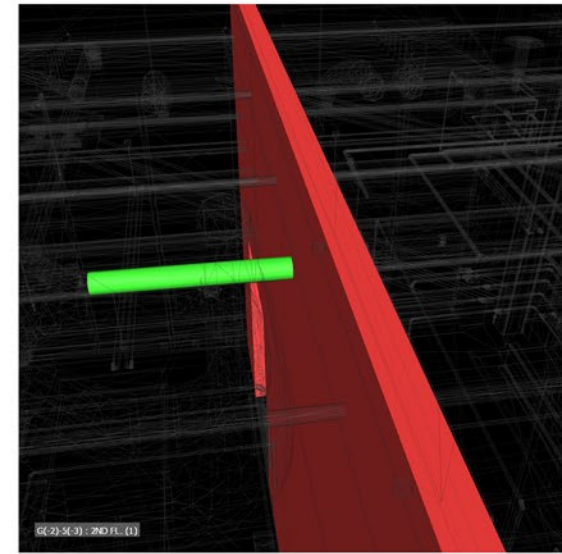
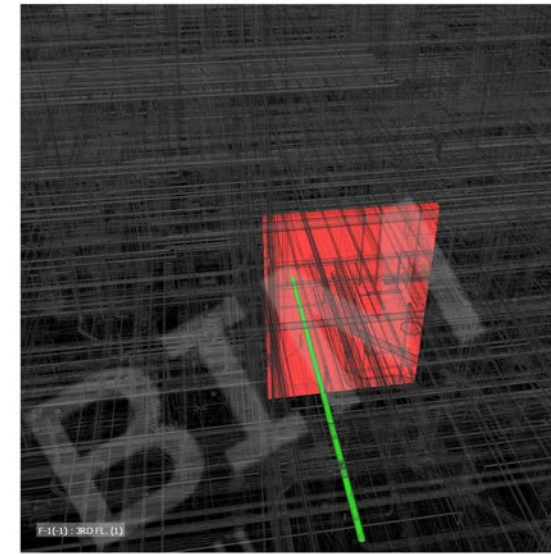
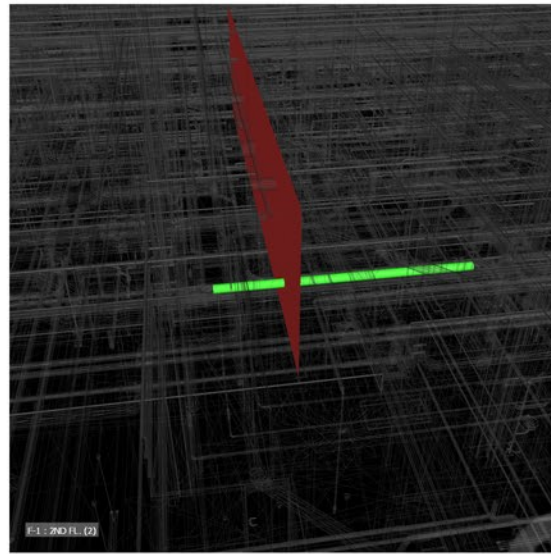
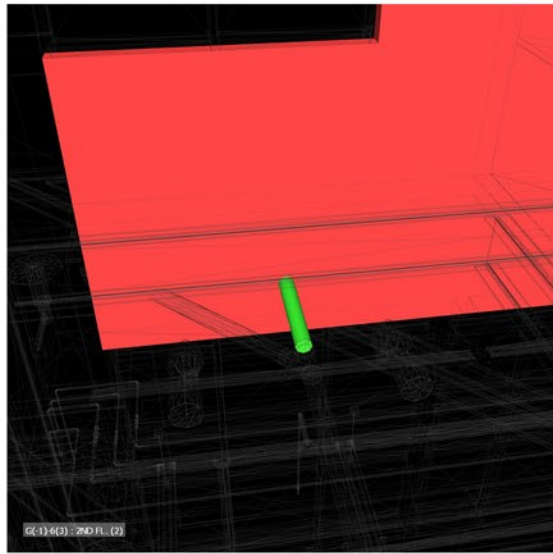
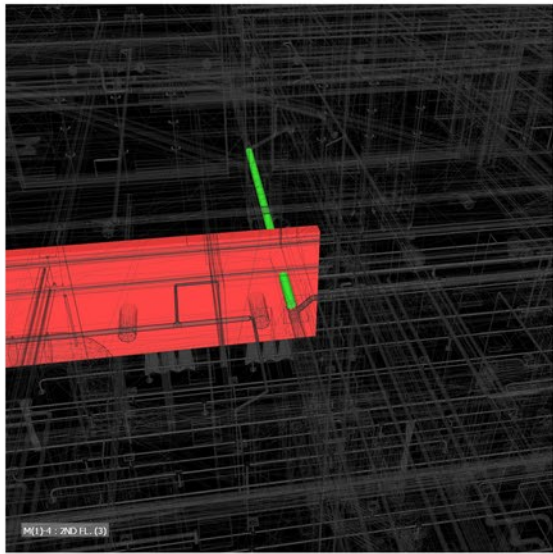
AUTODESK®  
 NAVISWORKS® Clash Report

LEVEL 01 ARCH VS MECHANICAL	Tolerance	Clashes	New	Active	Reviewed	Approved	Resolved	Type	Status
	0.005m	1268	1268	0	0	0	0	Hard	OK

Image	Clash Name	Status	Distance	Grid Location	Description	Clash Point	Item 1				Item 2			
							Item ID	Layer	Item Name	Item Type	Item ID	Layer	Item Name	Item Type
	Clash1	New	-1.086	M-3.3 : 1ST FL.	Hard	x:619.711, y:-307.912, z:10.439	Element ID: 33718118	1ST FL.	Metal - C Channel	Solid	Element ID: 4957358	1ST FL.	Rectangular Duct	Line
	Clash2	New	-1.047	K-2 : 1ST FL.	Hard	x:631.092, y:-303.923, z:10.439	Element ID: 33718051	1ST FL.	Metal - C Channel	Solid	Element ID: 4942146	1ST FL.	Rectangular Duct	Line
	Clash3	New	-0.984	C-3 : 1ST FL.	Hard	x:657.864, y:-265.924, z:10.541	Element ID: 36967197	1ST FL.	Metal - C Channel	Solid	Element ID: 4250417	1ST FL.	Rectangular Duct	Line
	Clash4	New	-0.984	C-3 : 1ST FL.	Hard	x:656.390, y:-264.196, z:10.541	Element ID: 33718141	1ST FL.	Metal - C Channel	Solid	Element ID: 4250417	1ST FL.	Rectangular Duct	Line
	Clash5	New	-0.959	C-4 : 1ST FL.	Hard	x:647.930, y:-257.949, z:10.566	Element ID: 33718152	1ST FL.	Metal - C Channel	Solid	Element ID: 4969056	1ST FL.	Rectangular Duct	Line
	Clash6	New	-0.959	C-5 : 1ST FL.	Hard	x:645.701, y:-256.178, z:11.022	Element ID: 33718155	1ST FL.	Metal - C Channel	Solid	Element ID: 4969056	1ST FL.	Rectangular Duct	Line
	Clash7	New	-0.931	G-5 : 1ST FL.	Hard	x:631.517, y:-274.130, z:10.602	Element ID: 33718208	1ST FL.	Metal - C Channel	Solid	Element ID: 5086982	1ST FL.	Rectangular Duct	Line

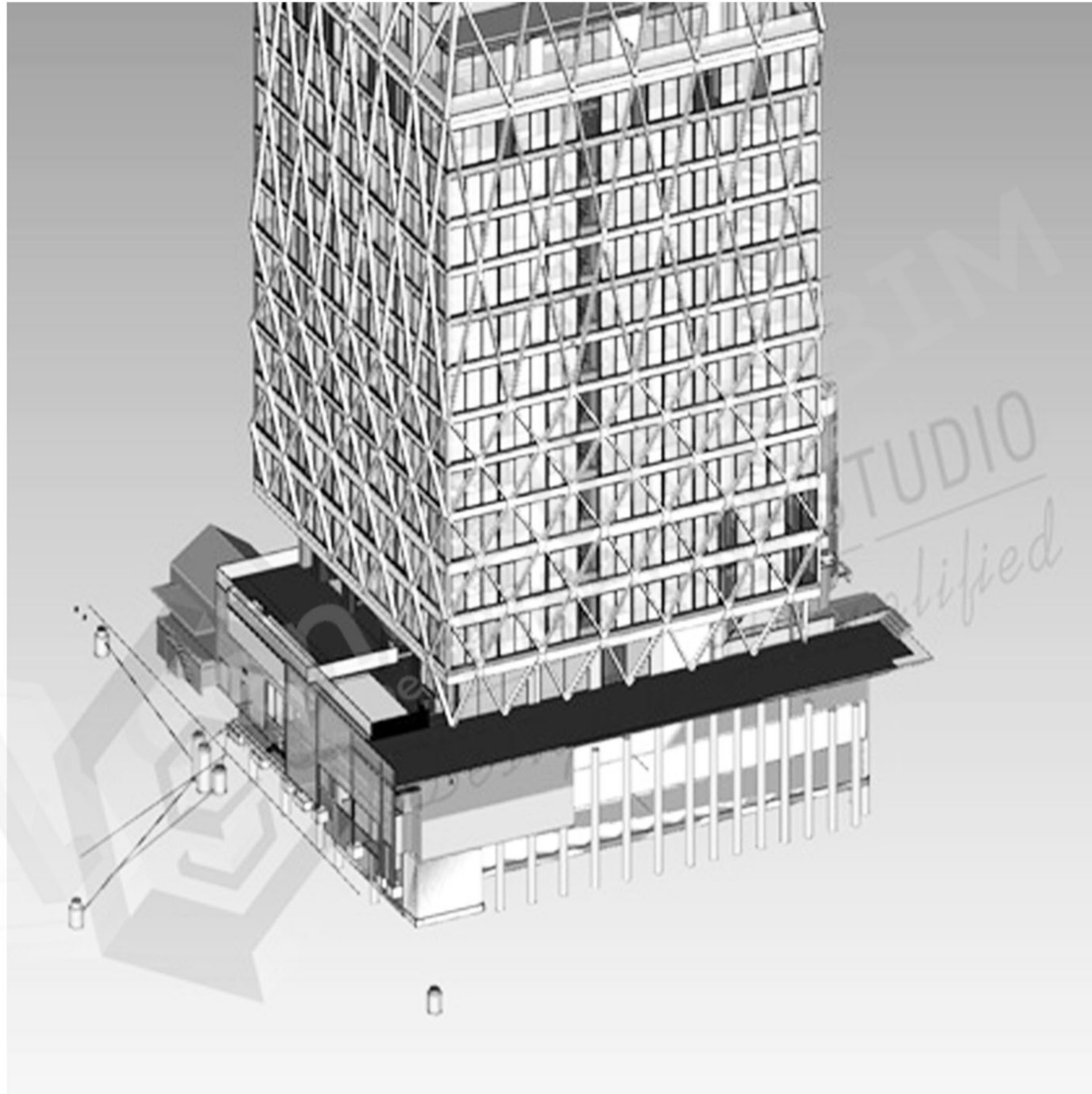
	Clash7	New	-0.172	F-2 : 1ST FL.	Hard	x:654.923, y:-282.674, z:10.291 :		1ST FL. Gypsum Wall Board Ceiling	Solid	Element ID: 4266283	1ST FL. Carbon Steel	Line
	Clash8	New	-0.172	G-2 : 1ST FL.	Hard	x:644.826, y:-289.583, z:11.121	Element ID: 35051333	1ST FL. Metal - C Channel	Solid	Element ID: 4241056	1ST FL. Plastic	Line
	Clash9	New	-0.168	E-2 : 1ST FL.	Hard	x:656.696, y:-281.562, z:10.569	Element ID: 35642709	1ST FL. Metal - C Channel	Solid	Element ID: 4266633	1ST FL. Carbon Steel	Line
	Clash10	New	-0.161	E-2 : 1ST FL.	Hard	x:657.477, y:-280.678, z:10.589	Element ID: 35640979	1ST FL. Metal - C Channel	Solid	Element ID: 4266633	1ST FL. Carbon Steel	Line
	Clash11	New	-0.157	M-5 : 1ST FL.	Hard	x:607.392, y:-300.571, z:10.950 :		1ST FL. Gypsum Wall Board Ceiling	Solid	Element ID: 4730015	1ST FL. Plastic	Line
	Clash12	New	-0.151	E-2 : 1ST FL.	Hard	x:653.623, y:-276.422, z:10.261	Element ID: 33718008	1ST FL. Metal - C Channel	Solid	Element ID: 4266601	1ST FL. Carbon Steel	Line
	Clash13	New	-0.146	G-2 : 1ST FL.	Hard	x:649.922, y:-288.775, z:11.132	Element ID: 36715993	1ST FL. Metal - C Channel	Solid	Element ID: 4241030	1ST FL. Plastic	Line
	Clash14	New	-0.141	G-3 : 1ST FL.	Hard	x:644.359, y:-284.712, z:10.526	Element ID: 36964154	1ST FL. Metal - C Channel	Solid	Element ID: 4270065	1ST FL. Carbon Steel	Line





LEVEL 01 ARCH VS PLUMBING	Tolerance	Clashes	New	Active	Reviewed	Approved	Resolved	Type	Status
	0.005m	329	329	0	0	0	0	Hard	OK

Image	Clash Name	Status	Distance	Grid Location	Description	Clash Point	Item 1				Item 2			
							Item ID	Layer	Item Name	Item Type	Item ID	Layer	Item Name	Item Type
	Clash1	New	-0.223	M-5 : 1ST FL.	Hard	x:608.910, y:-301.802, z:10.918	Element ID: 36443527	1ST FL.	Metal - C Channel	Solid	Element ID: 4730015	1ST FL.	Plastic	Line
	Clash2	New	-0.198	G-6 : 1ST FL.	Hard	x:622.135, y:-266.563, z:10.962	Element ID: 34102085	1ST FL.	Metal - C Channel	Solid	Element ID: 4736185	1ST FL.	Plastic	Line
	Clash3	New	-0.197	F-2 : 1ST FL.	Hard	x:654.892, y:-282.749, z:10.304 :		1ST FL.	Metal - C Channel	Solid	Element ID: 4266283	1ST FL.	Carbon Steel	Line
	Clash4	New	-0.194	F-2 : 1ST FL.	Hard	x:650.000, y:-280.100, z:10.249	Element ID: 35641396	1ST FL.	Metal - C Channel	Solid	Element ID: 4266287	1ST FL.	Carbon Steel	Line
	Clash5	New	-0.181	G-6 : 1ST FL.	Hard	x:625.843, y:-267.598, z:10.840	Element ID: 33718206	1ST FL.	Metal - C Channel	Solid	Element ID: 4731395	1ST FL.	Plastic	Line
	Clash6	New	-0.177	L-6 : 1ST FL.	Hard	x:608.159, y:-291.825, z:11.097	Element ID: 35315345	1ST FL.	092216-Steel Stud	Solid	Element ID: 4728821	1ST FL.	Plastic	Line



Clash Detective

Test 2 Last Run: 25 October 2019 16:55:47

Clashes: Total: 1294 | Open: 1294 | Closed: 0

Name	Status	Clashes	New	Active	Reviewed	Approved	Resolved
Test 1	Done	1281	1281	0	0	0	0
Test 2	Done	1294	1294	0	0	0	0

Name	Status	Found	Approved
Clash 10	New	16/10/2019	
Clash 11	New	16/10/2019	
Clash 12	New	16/10/2019	
Clash 13	New	16/10/2019	
Clash 14	New	16/10/2019	
Clash 15	New	16/10/2019	
Clash 16	New	16/10/2019	

Use this color  
 Highlight all clashes  
 Use Other color type  
 Highlight all items  
 Add meta

Item 1  Highlight  Item 2  Highlight

Item Name: Box Wall (37714)

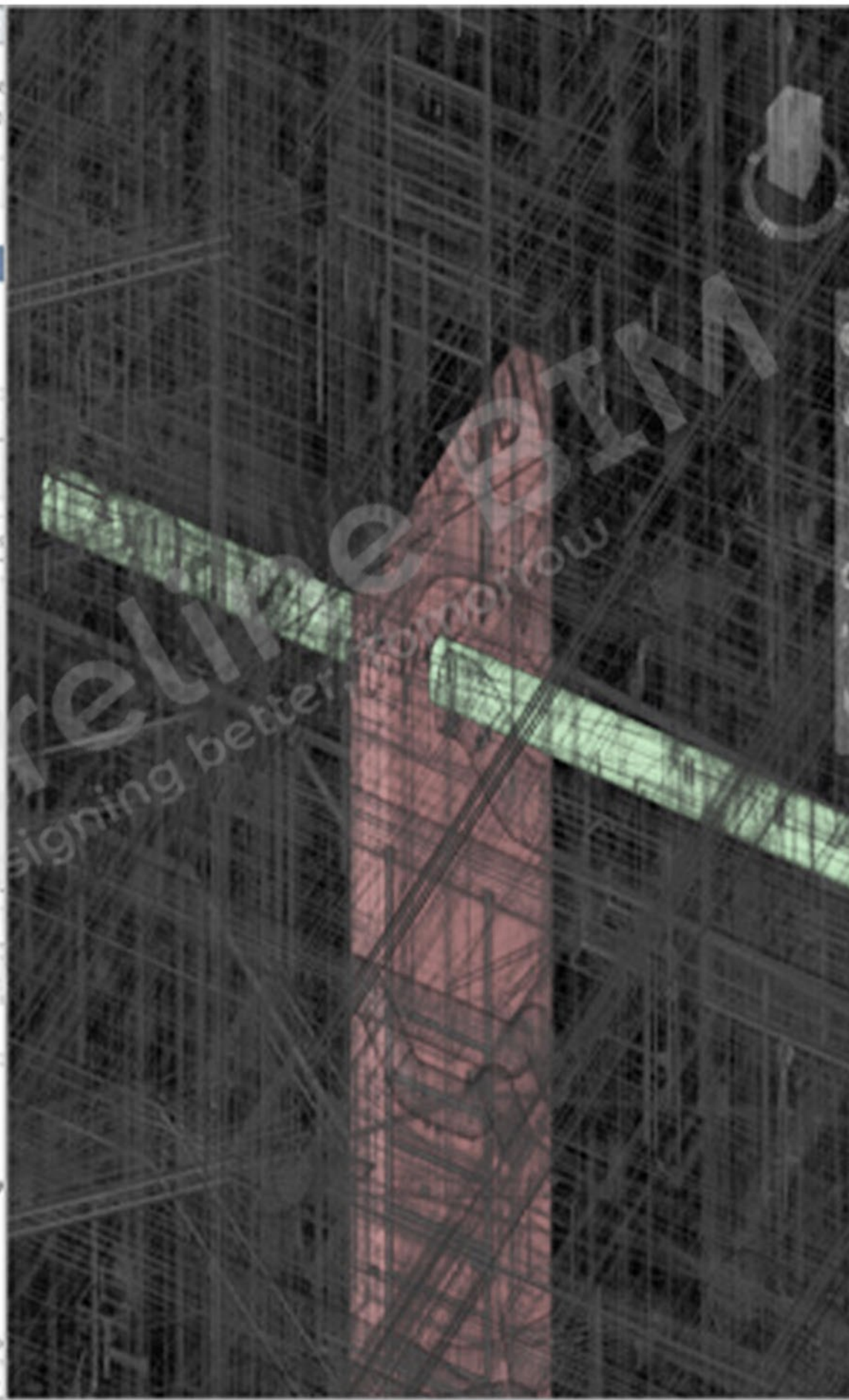
Item Type: Segment

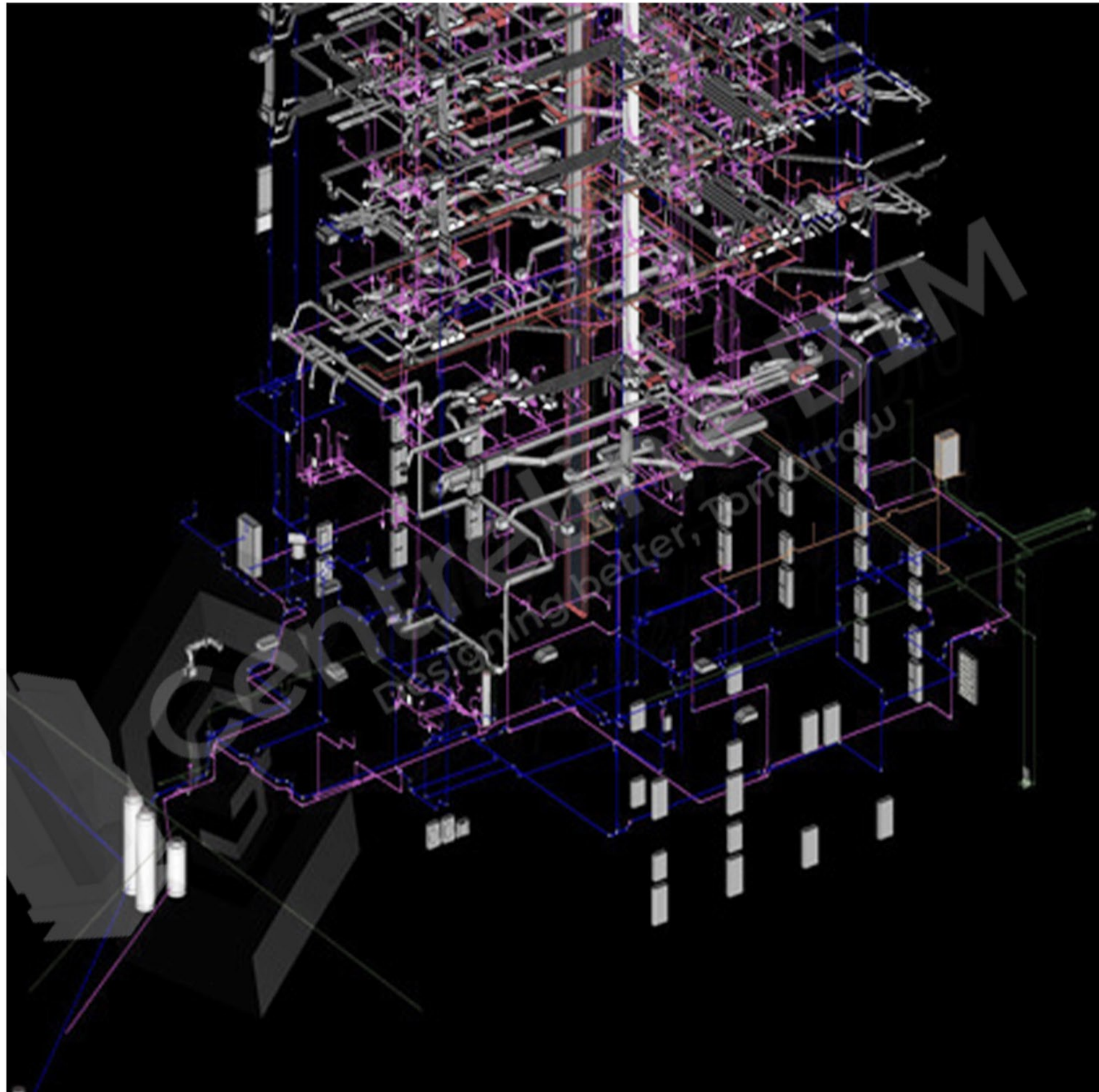
- Clash Detect Box 1\_ArchLine
- Segment
- Walk (317)
- Box Wall (345)
- Box Wall (345)
- Box Wall (345)

Item Name: Round Duct (2000)

Item Type: Segment

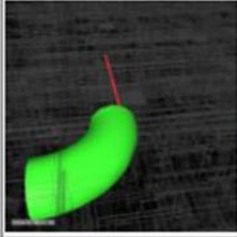
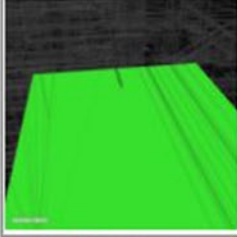
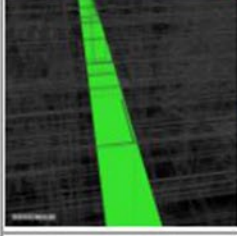
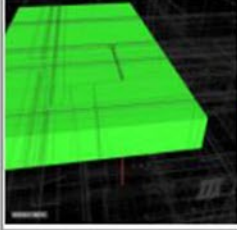
- Clash Detect Box 1\_ArchLine
- Segment
- Round Duct (2000)
- Round Duct (2000)
- Round Duct (2000)

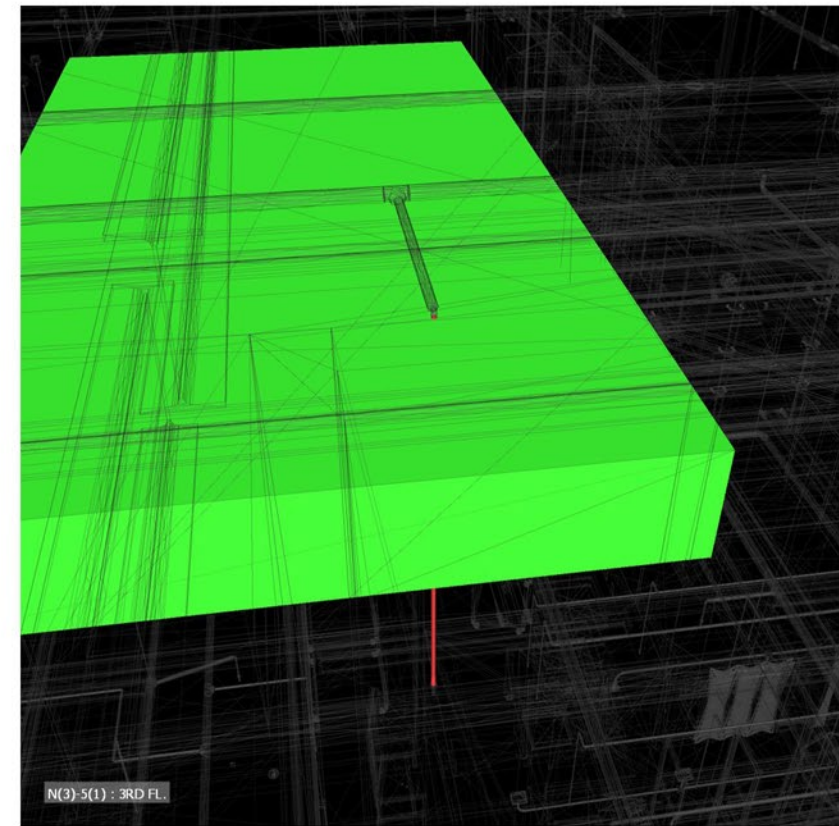
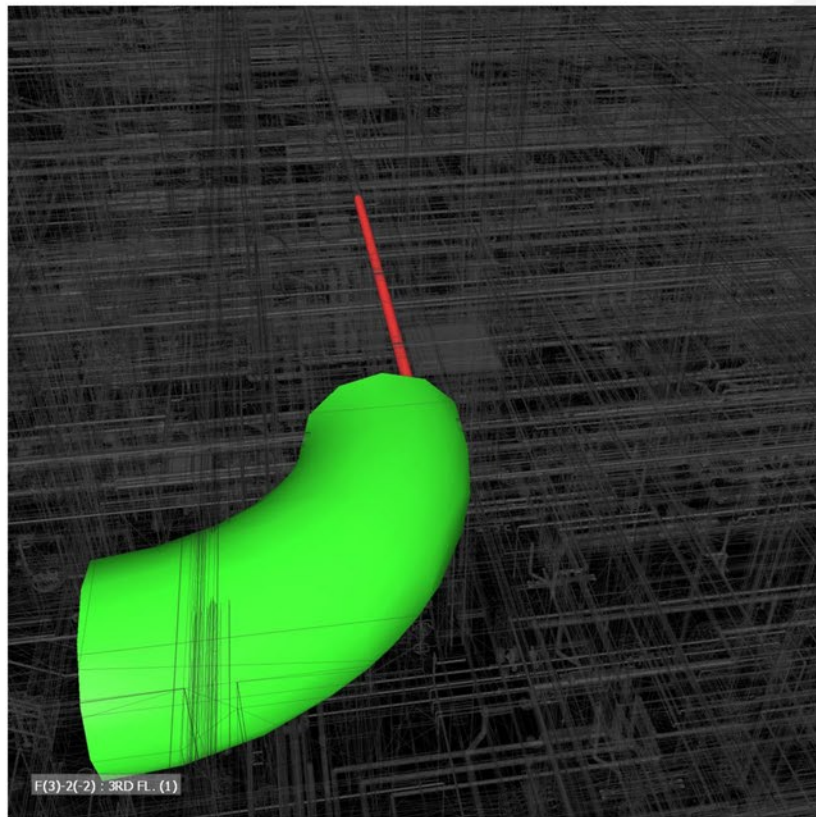
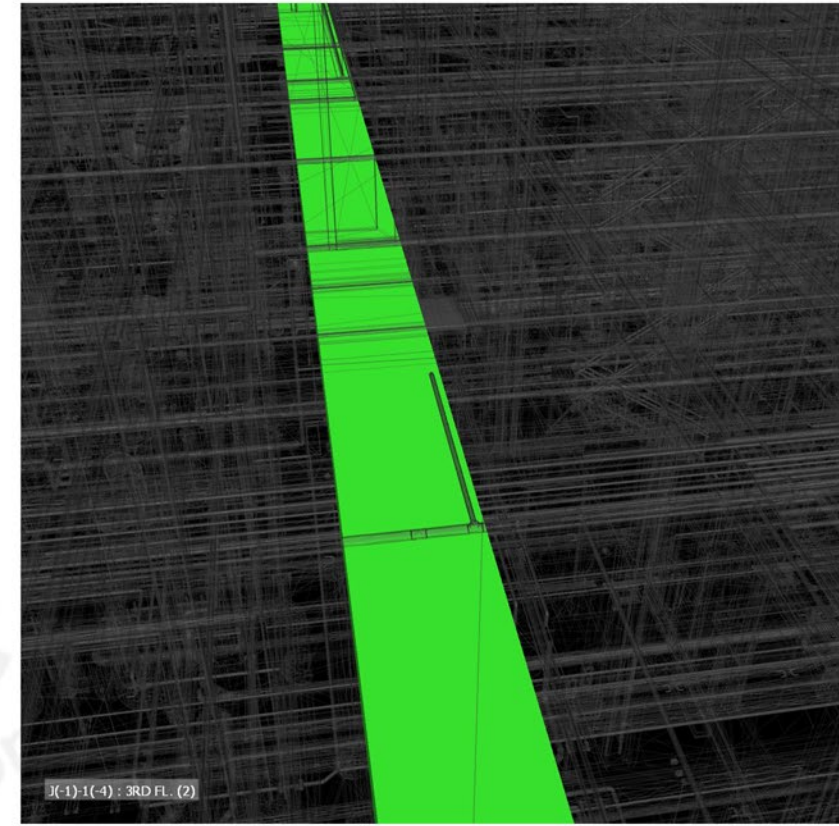
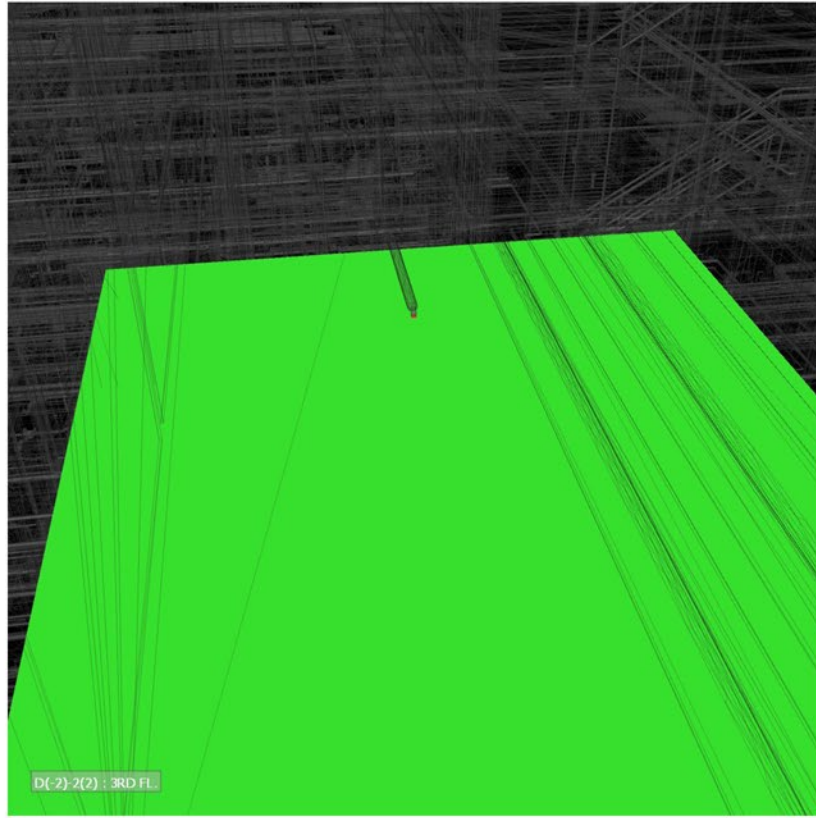


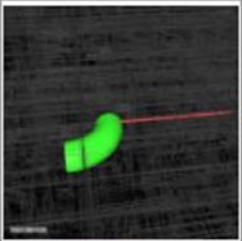
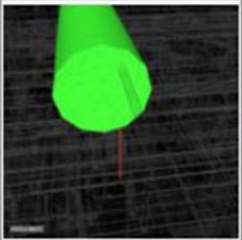
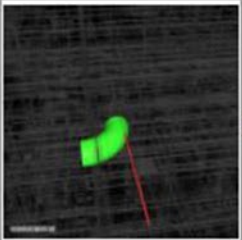
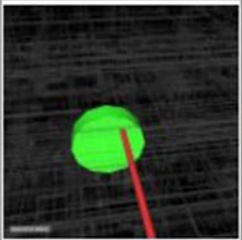
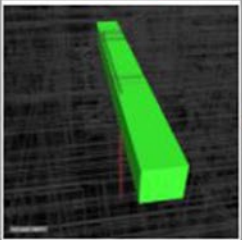
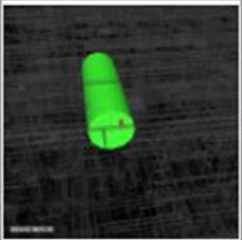


## Clash Report

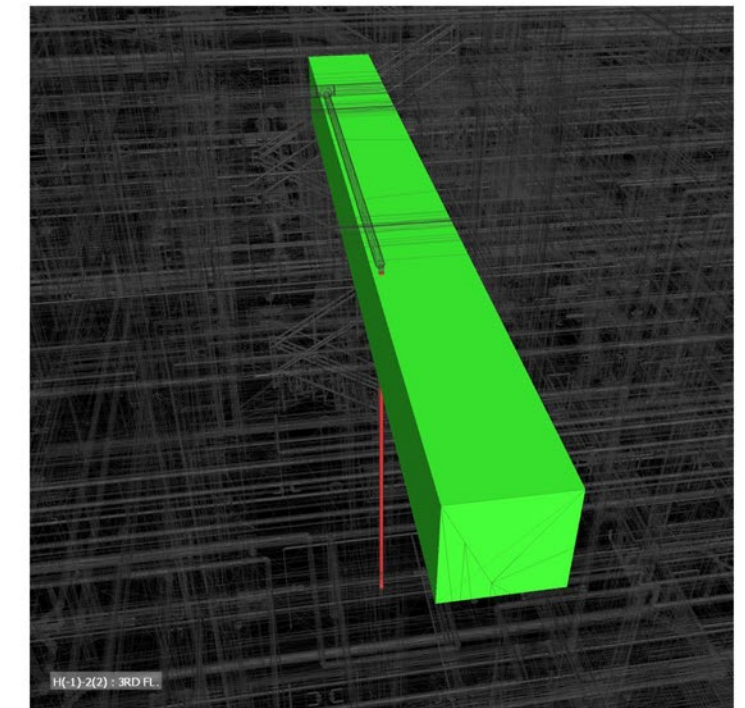
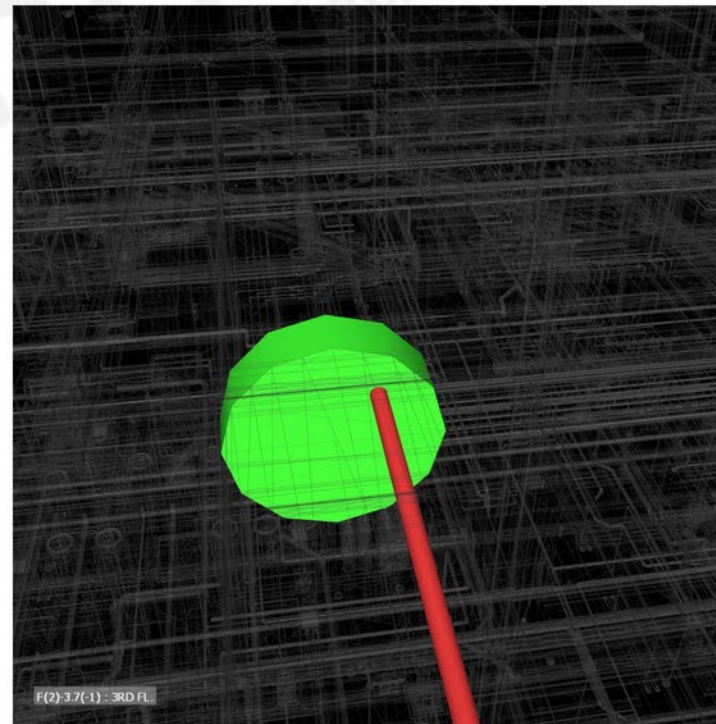
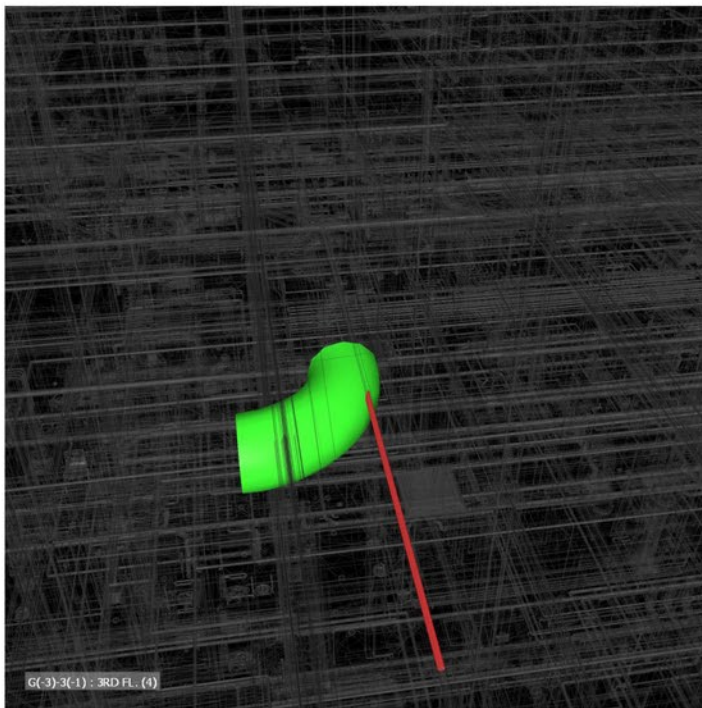
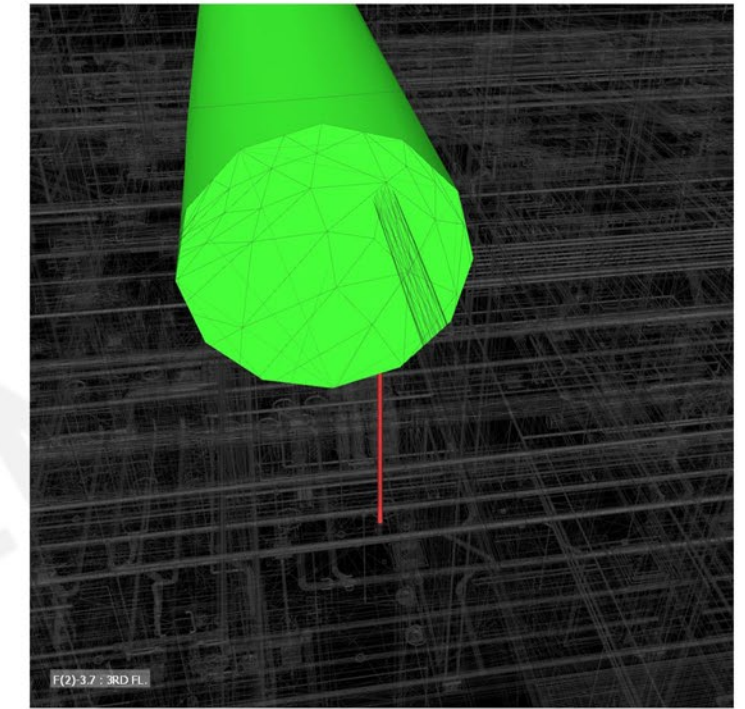
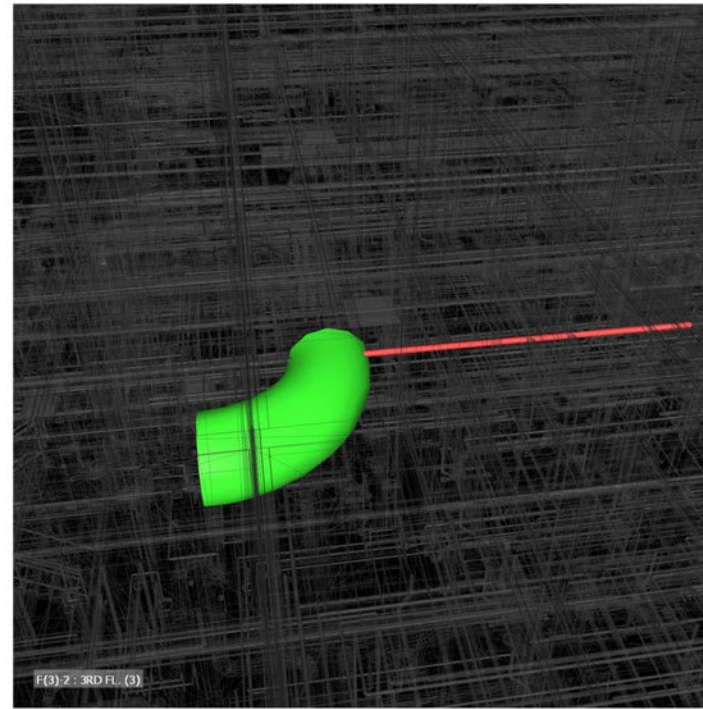
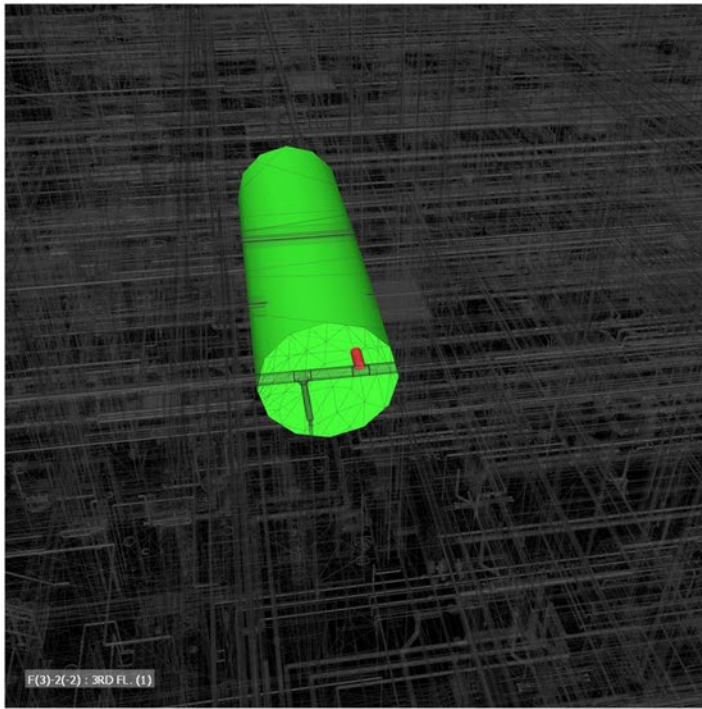
LEVEL 02 FIRE VS MECHANICAL	Tolerance	Clashes	New	Active	Reviewed	Approved	Resolved	Type	Status
	0.005m	837	837	0	0	0	0	Hard	OK

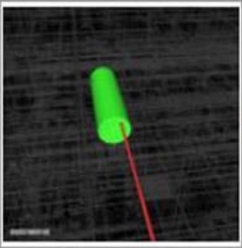
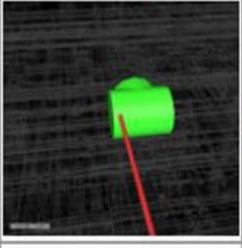
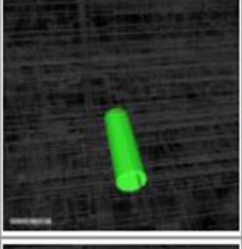
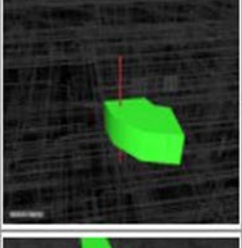
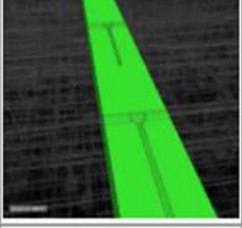
Image	Clash Name	Status	Distance	Grid Location	Description	Clash Point	Item 1				Item 2			
							Item ID	Layer	Item Name	Item Type	Item ID	Layer	Item Name	Item Type
	Clash1	New	-0.076	F-3 : 2ND FL.	Hard	x:644.857, y:-280.427, z:15.525	Element ID: 4749568	2ND FL.	Copper	Line	Element ID: 4451681	2ND FL.	1.5 D	Solid
	Clash2	New	-0.044	D-2 : 2ND FL.	Hard	x:660.826, y:-268.557, z:15.227	Element ID: 4748144	2ND FL.	Copper	Line	Element ID: 4425193	2ND FL.	Rectangular Duct	Line
	Clash3	New	-0.044	J-2 : 2ND FL.	Hard	x:640.418, y:-296.459, z:15.227	Element ID: 4749122	2ND FL.	Copper	Line	Element ID: 4425101	2ND FL.	Rectangular Duct	Line
	Clash4	New	-0.044	N-5 : 2ND FL.	Hard	x:603.496, y:-308.610, z:15.227	Element ID: 4751040	2ND FL.	Copper	Line	Element ID: 4464089	2ND FL.	Rectangular Duct	Line

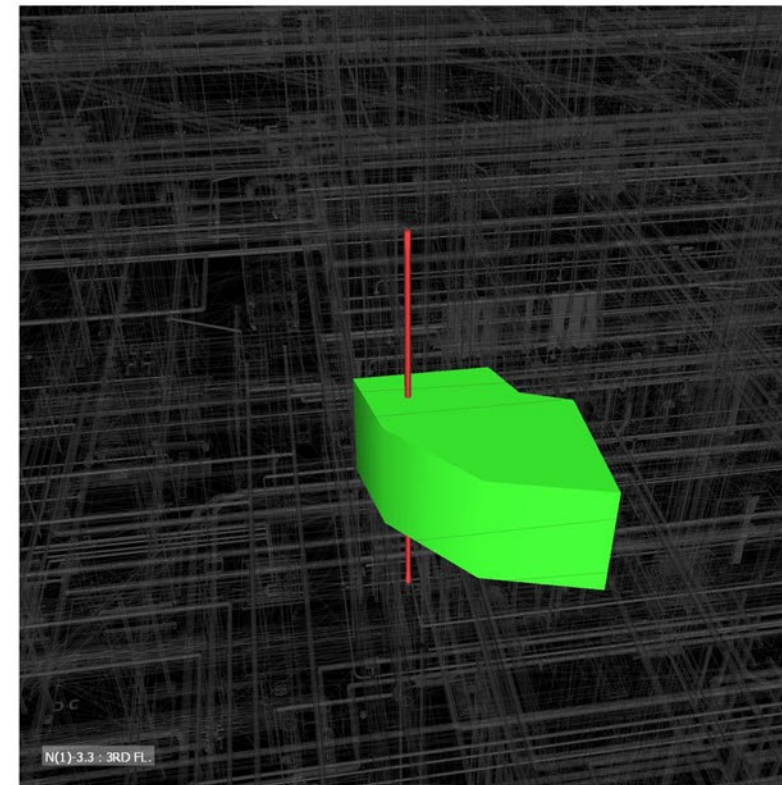
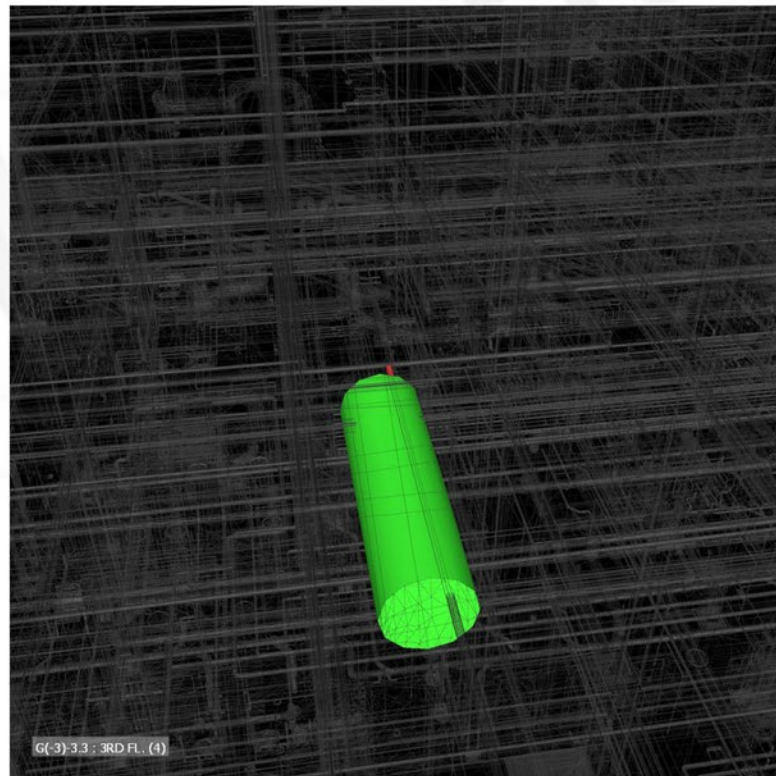
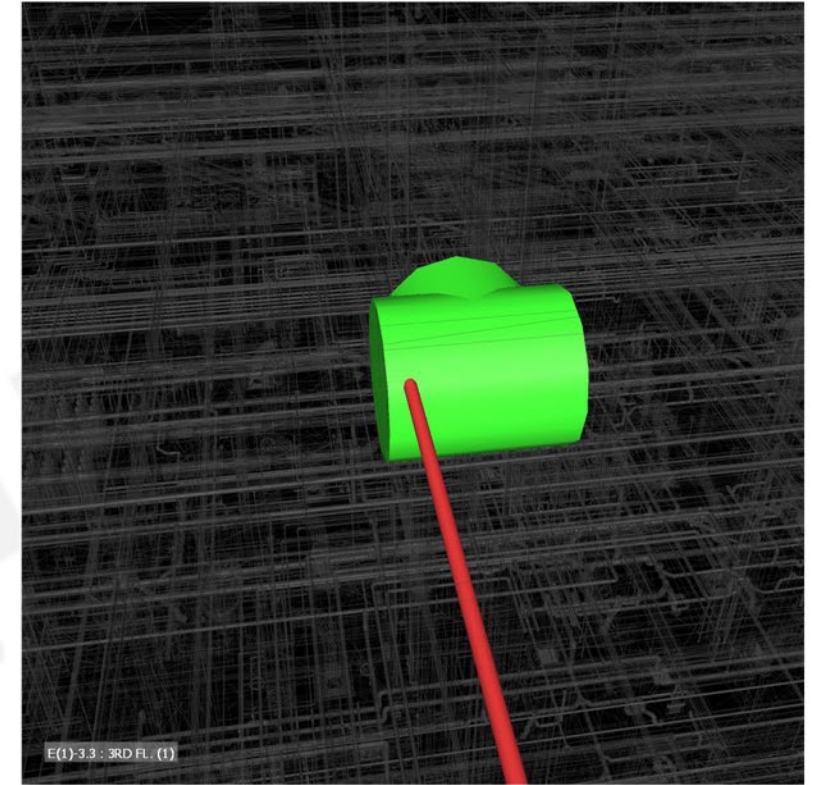
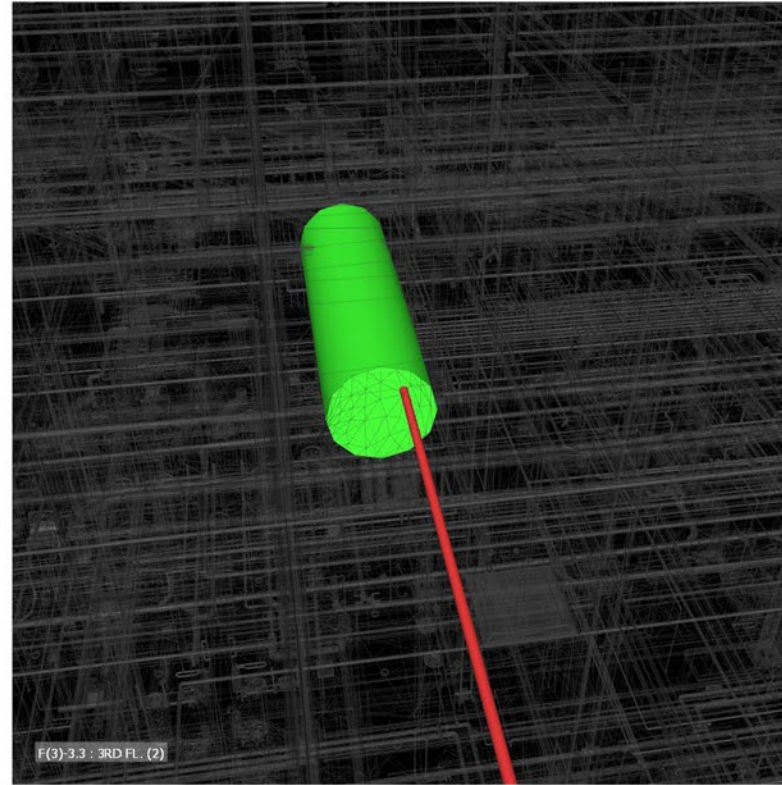
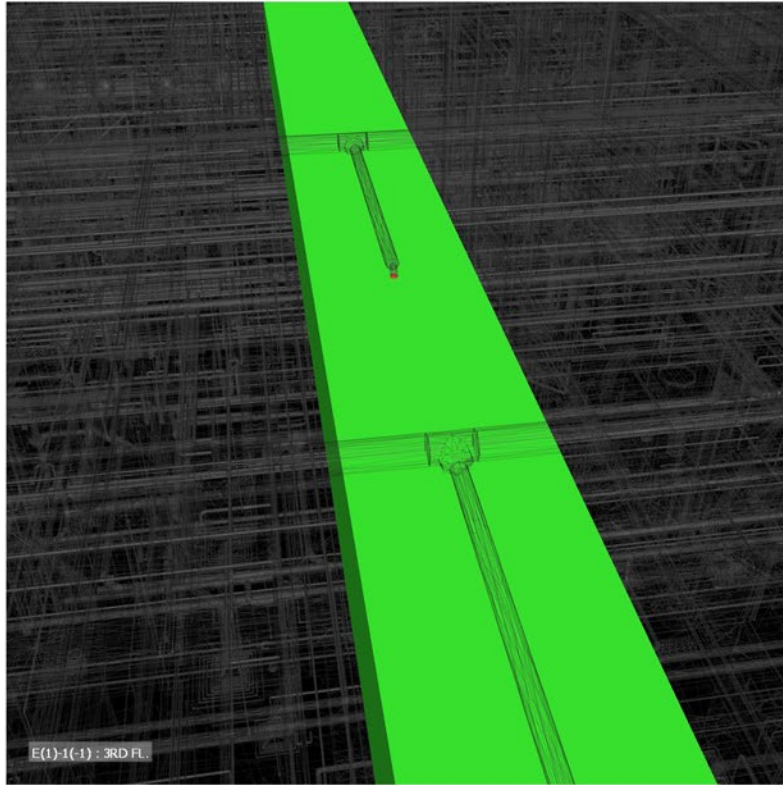


	Clash5	New	-0.044	F-3 : 2ND FL.	Hard	x:645.098, y:-280.406, z:15.548	Element ID: 4749570	2ND FL.	Copper	Line	Element ID: 4451681	2ND FL.	1.5 D	Solid
	Clash6	New	-0.037	F-3.7 : 2ND FL.	Hard	x:637.884, y:-275.324, z:15.061	Element ID: 4749596	2ND FL.	Copper	Line	Element ID: 4454552	2ND FL.	Round Duct	Line
	Clash7	New	-0.036	F-3.7 : 2ND FL.	Hard	x:637.940, y:-275.370, z:15.524	Element ID: 4749591	2ND FL.	Copper	Line	Element ID: 4454616	2ND FL.	1.5 D	Solid
	Clash8	New	-0.034	F-4 : 2ND FL.	Hard	x:635.849, y:-273.828, z:15.527	Element ID: 4749599	2ND FL.	Copper	Line	Element ID: 4454620	2ND FL.	Standard	Solid
	Clash9	New	-0.033	H-2 : 2ND FL.	Hard	x:643.897, y:-291.103, z:15.227	Element ID: 4749054	2ND FL.	Copper	Line	Element ID: 4449440	2ND FL.	Rectangular Duct	Line
	Clash10	New	-0.033	F-3 : 2ND FL.	Hard	x:644.861, y:-280.422, z:15.526	Element ID: 4749568	2ND FL.	Copper	Line	Element ID: 4451673	2ND FL.	Round Duct	Line





	Clash11	New	-0.033	F-3.7 : 2ND FL.	Hard	x:637.940, y:-275.370, z:15.524	Element ID: 4749591	2ND FL.	Copper	Line	Element ID: 4454552	2ND FL.	Round Duct	Line
	Clash12	New	-0.033	E-3.7 : 2ND FL.	Hard	x:643.789, y:-269.699, z:15.526	Element ID: 4749440	2ND FL.	Copper	Line	Element ID: 4454362	2ND FL.	Standard	Solid
	Clash13	New	-0.033	F-4 : 2ND FL.	Hard	x:635.996, y:-273.938, z:15.526	Element ID: 4749599	2ND FL.	Copper	Line	Element ID: 4454552	2ND FL.	Round Duct	Line
	Clash14	New	-0.032	N-3.3 : 2ND FL.	Hard	x:614.354, y:-314.245, z:15.084	Element ID: 4749974	2ND FL.	Copper	Line	Element ID: 4470434	2ND FL.	1 W	Solid
	Clash15	New	-0.032	E-1 : 2ND FL.	Hard	x:658.815, y:-281.093, z:15.227	Element ID: 4747872	2ND FL.	Copper	Line	Element ID: 4422052	2ND FL.	Rectangular Duct	Line





**Centrelines BIM**  
Designing better, Tomorrow

THANK YOU

[WWW.CENTRELINEBIM.COM](http://WWW.CENTRELINEBIM.COM)



+91 95440 55556



[WRITEUS@CENTRELINEBIM.COM](mailto:WRITEUS@CENTRELINEBIM.COM)

