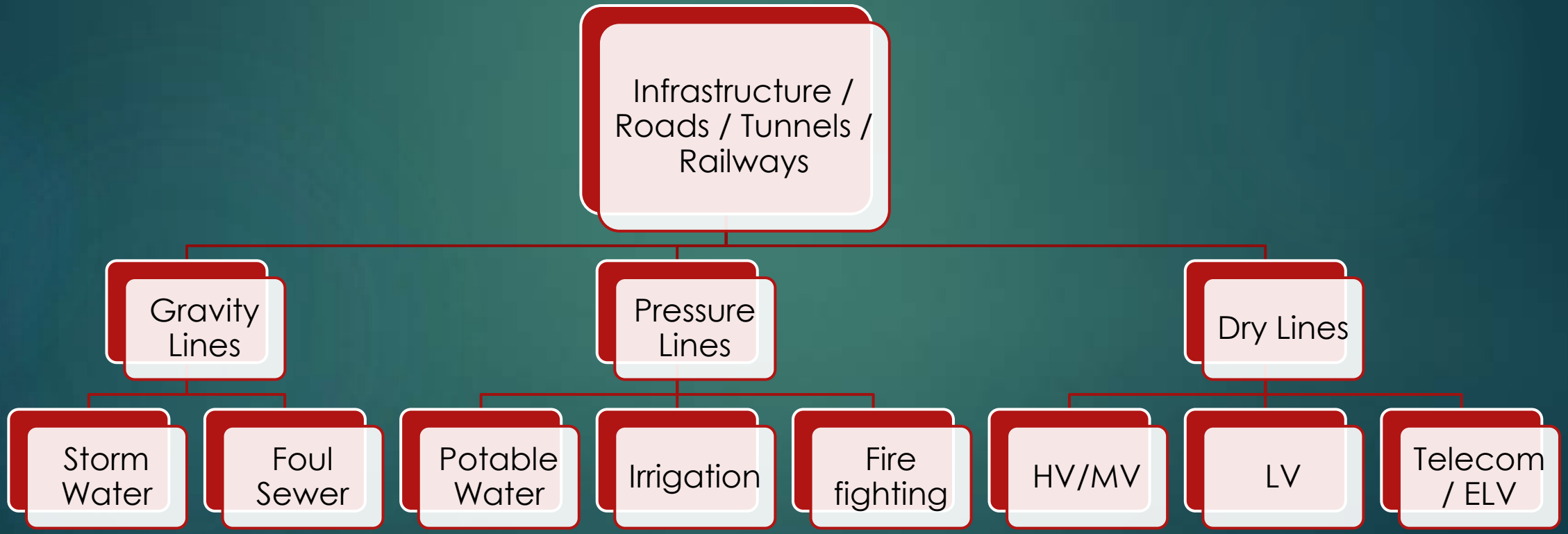
Yunus Emre Kose

CIVIL / SOFTWARE ENGINEER

Civil Engineer

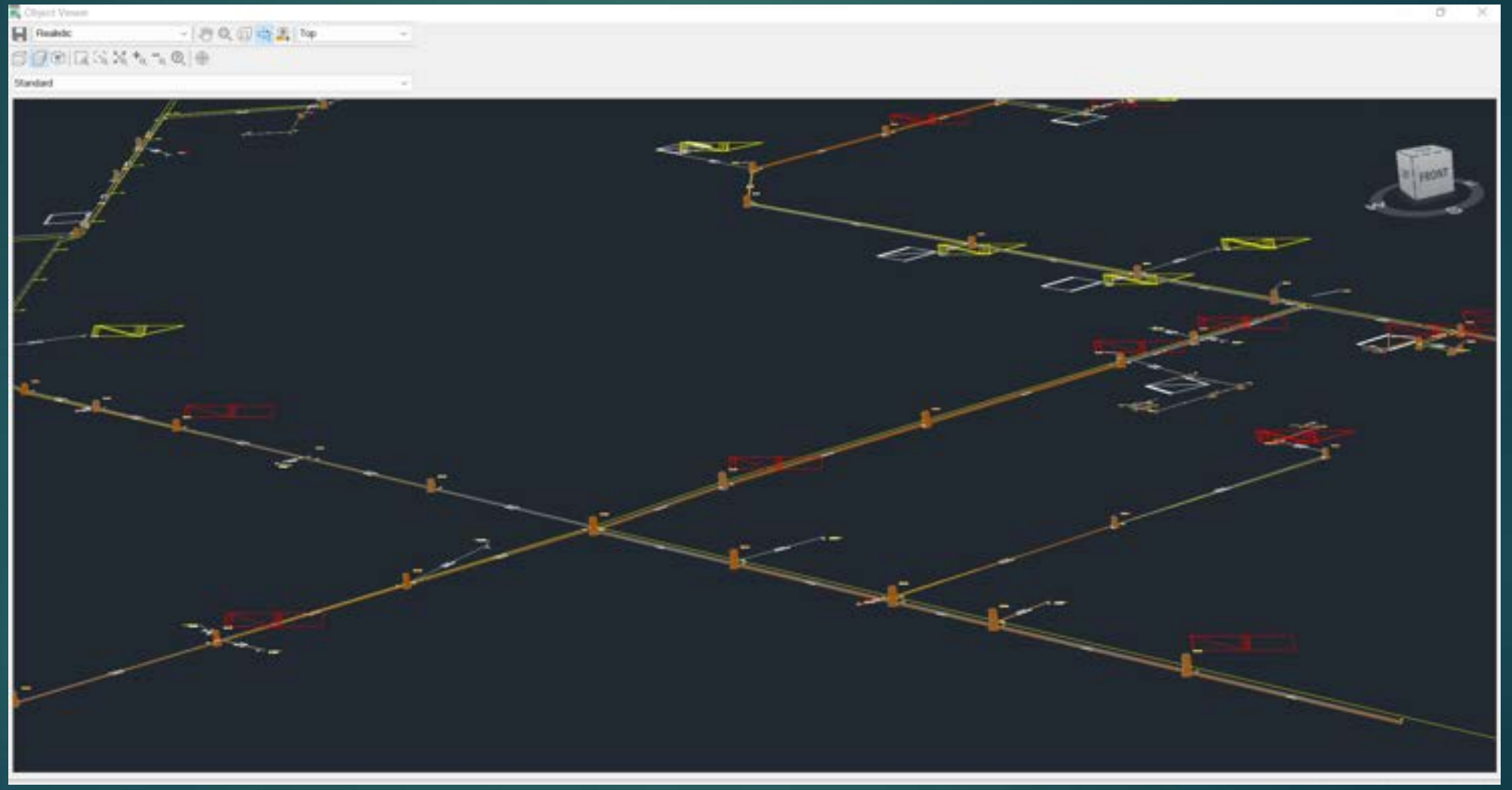
Modelling by using Civil 3D/Revit



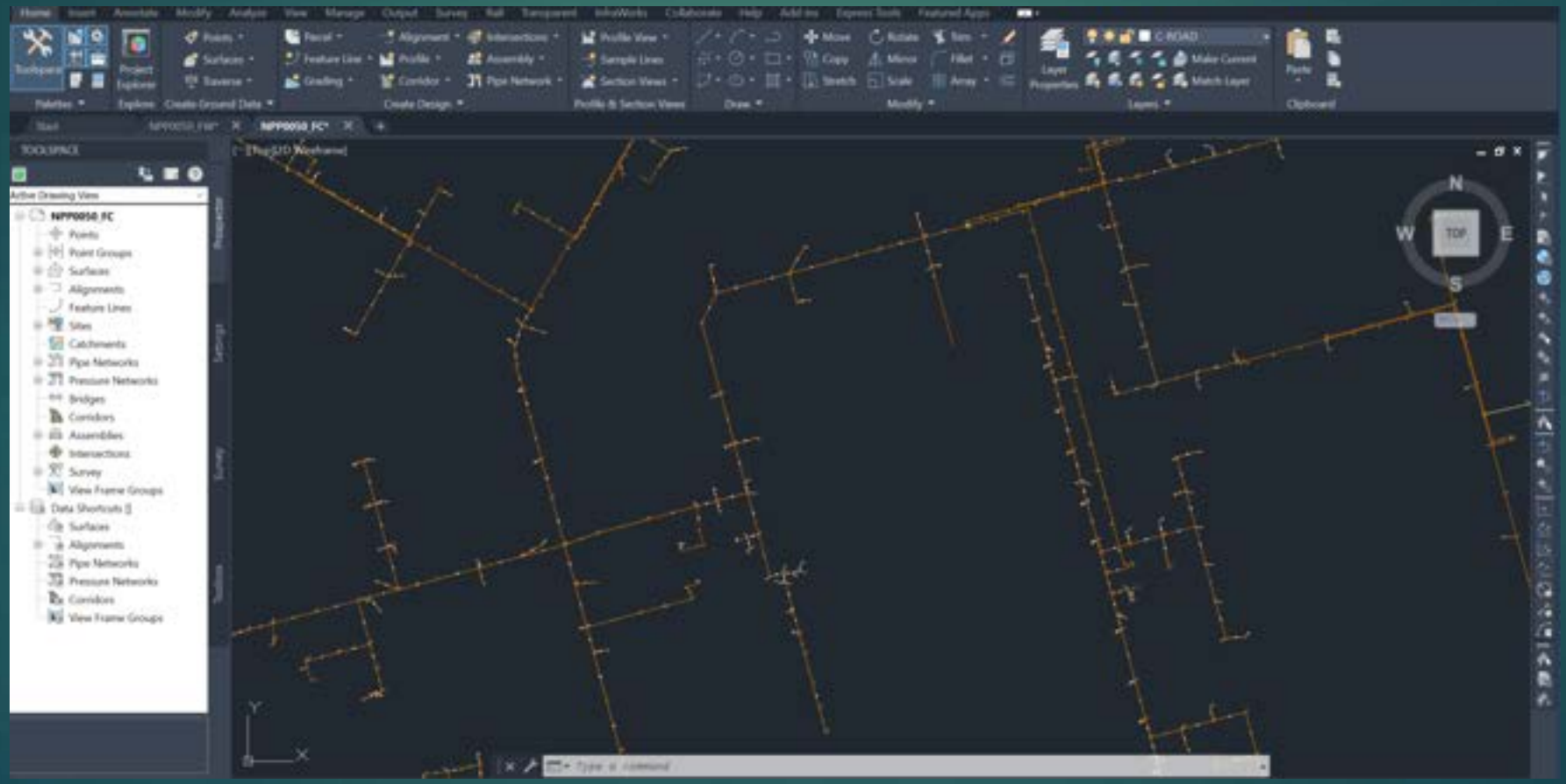
Civil 3D/Revit modelling

- Modeling and Coordinating the Civil and MEP infrastructure
- Creation of LOD 400 families.
- Generating LOD 300, 400 and 500 models
- Creation of clash tests and rules as per the project requirements.
- Creation of the grading and excavation plans by using Civil 3D
- Generating shop drawings from IFC drawings
- Generating as built drawings from LOD 500 models
- Ensuring compliance with the BIM execution plan(BEP)
- Preparation of TIDP and MIDP.

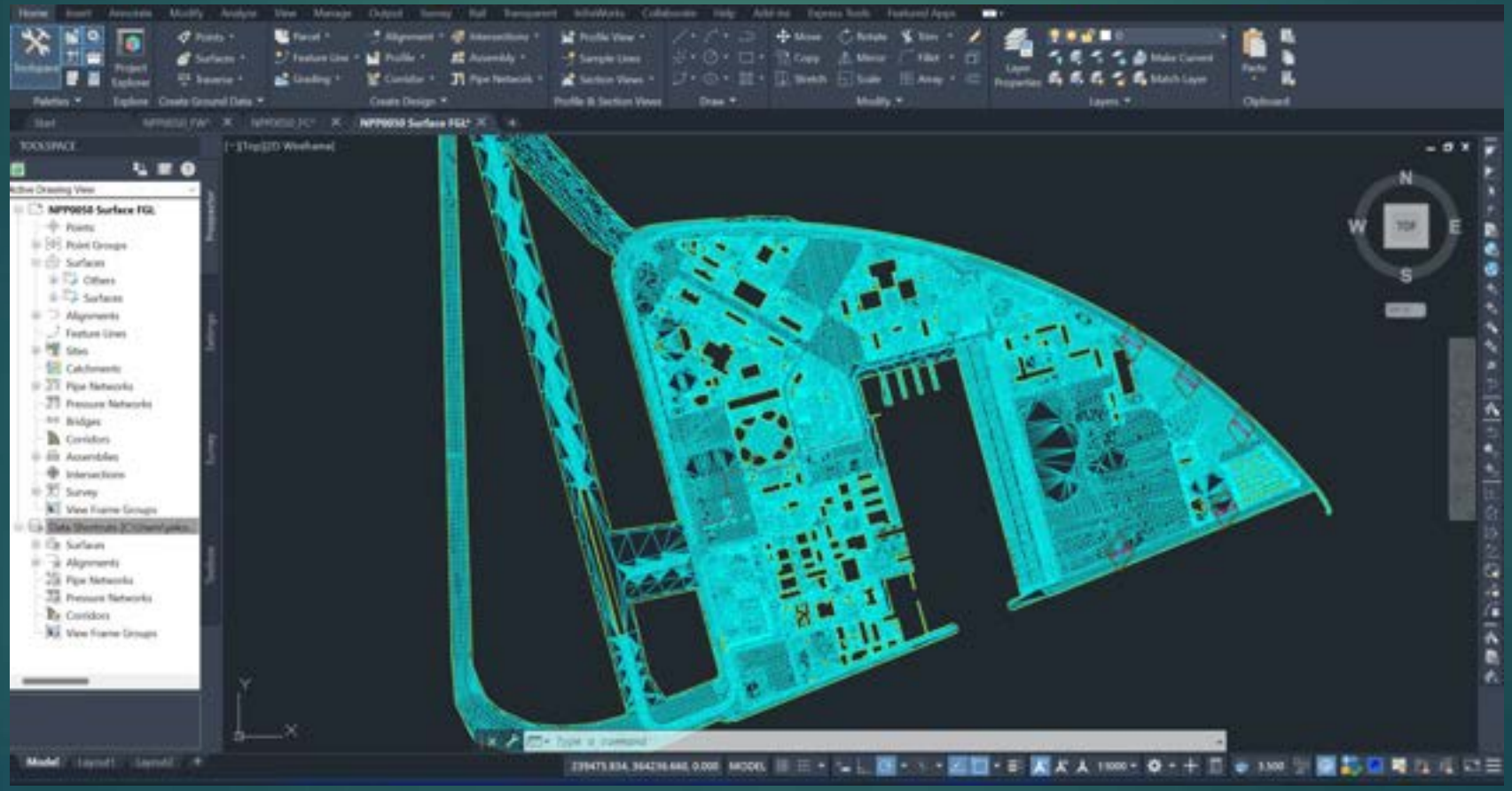
Modelling samples



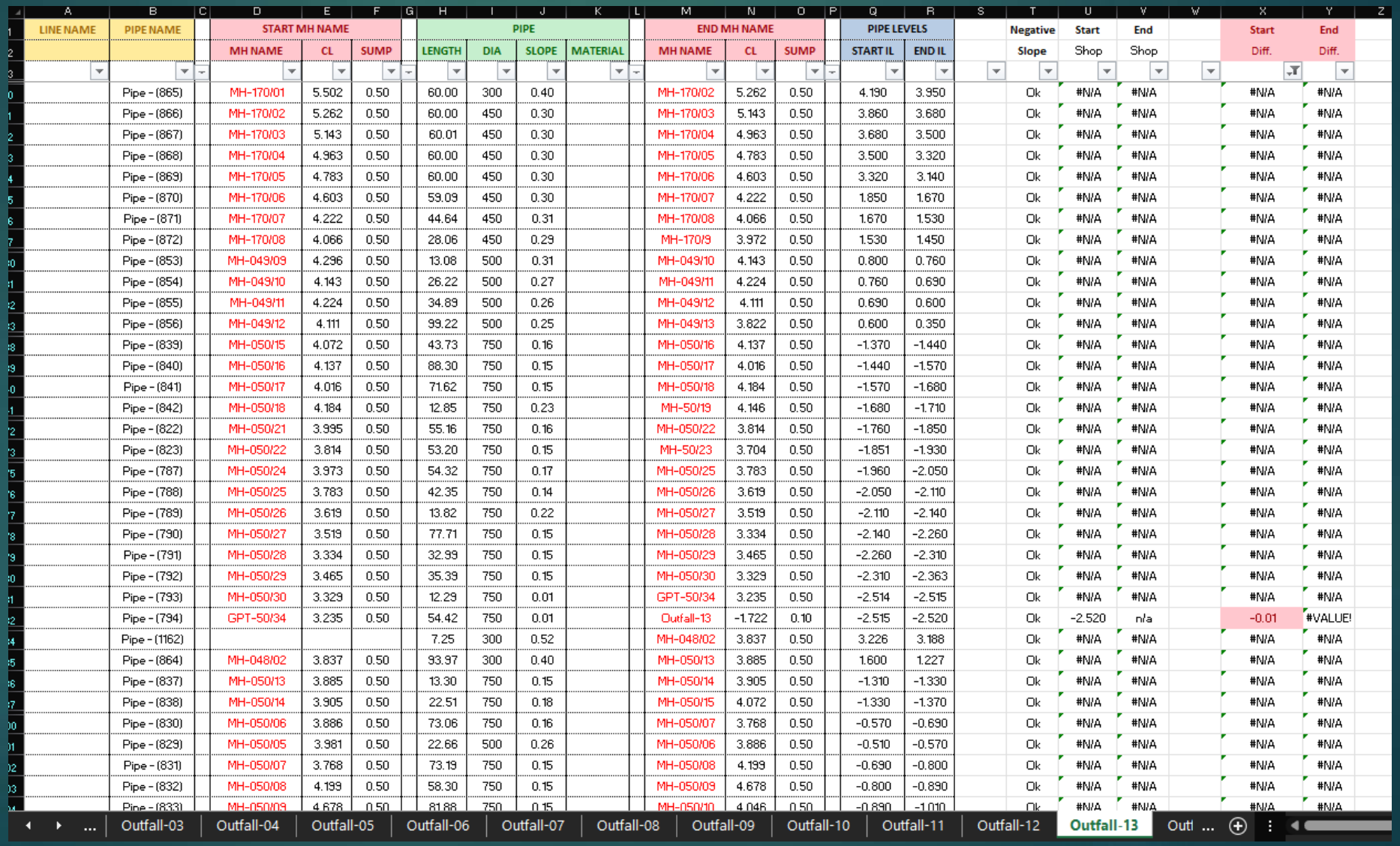
Drainage networks



Grading surface



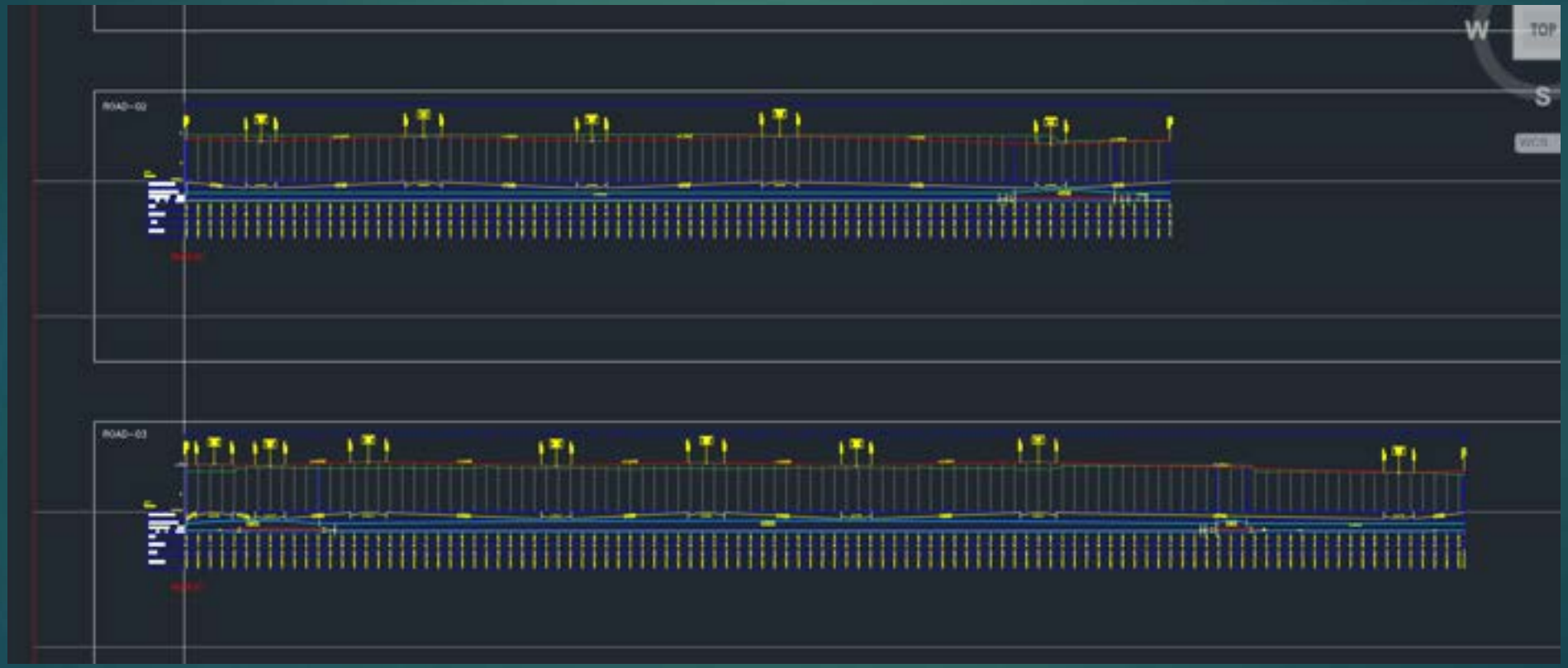
MH Lists



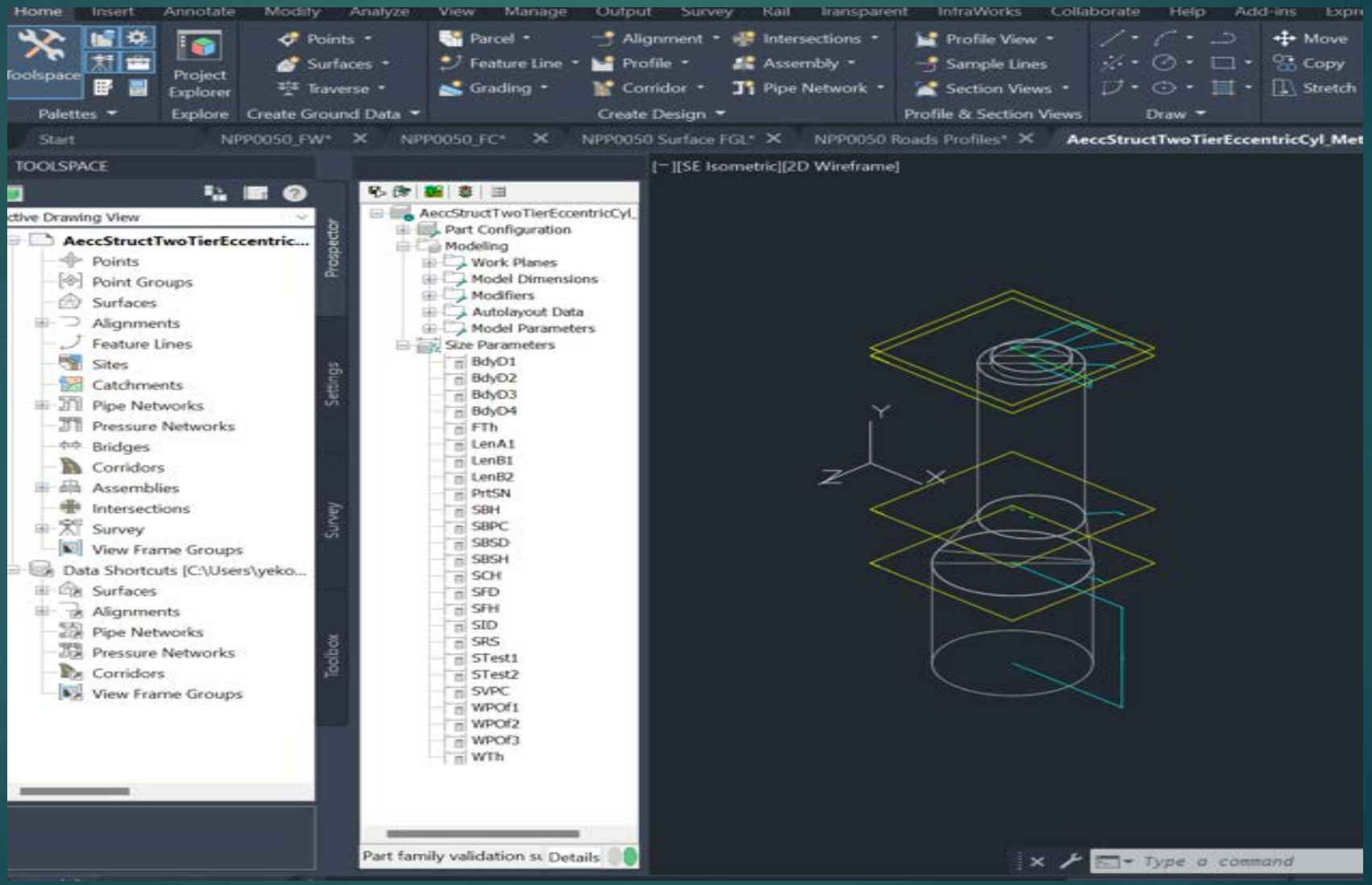
LINE NAME	PIPE NAME	START MH NAME			PIPE				END MH NAME			PIPE LEVELS		Negative Slope	Start Shop	End Shop	Start Diff.	End Diff.
		MH NAME	CL	SUMP	LENGTH	DIA	SLOPE	MATERIAL	MH NAME	CL	SUMP	START IL	END IL					
	Pipe - (865)	MH-170/01	5.502	0.50	60.00	300	0.40		MH-170/02	5.262	0.50	4.190	3.950	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (866)	MH-170/02	5.262	0.50	60.00	450	0.30		MH-170/03	5.143	0.50	3.860	3.680	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (867)	MH-170/03	5.143	0.50	60.01	450	0.30		MH-170/04	4.963	0.50	3.680	3.500	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (868)	MH-170/04	4.963	0.50	60.00	450	0.30		MH-170/05	4.783	0.50	3.500	3.320	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (869)	MH-170/05	4.783	0.50	60.00	450	0.30		MH-170/06	4.603	0.50	3.320	3.140	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (870)	MH-170/06	4.603	0.50	59.09	450	0.30		MH-170/07	4.222	0.50	1.850	1.670	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (871)	MH-170/07	4.222	0.50	44.64	450	0.31		MH-170/08	4.066	0.50	1.670	1.530	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (872)	MH-170/08	4.066	0.50	28.06	450	0.29		MH-170/9	3.972	0.50	1.530	1.450	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (853)	MH-049/09	4.296	0.50	13.08	500	0.31		MH-049/10	4.143	0.50	0.800	0.760	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (854)	MH-049/10	4.143	0.50	26.22	500	0.27		MH-049/11	4.224	0.50	0.760	0.690	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (855)	MH-049/11	4.224	0.50	34.89	500	0.26		MH-049/12	4.111	0.50	0.690	0.600	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (856)	MH-049/12	4.111	0.50	99.22	500	0.25		MH-049/13	3.822	0.50	0.600	0.350	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (839)	MH-050/15	4.072	0.50	43.73	750	0.16		MH-050/16	4.137	0.50	-1.370	-1.440	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (840)	MH-050/16	4.137	0.50	88.30	750	0.15		MH-050/17	4.016	0.50	-1.440	-1.570	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (841)	MH-050/17	4.016	0.50	71.62	750	0.15		MH-050/18	4.184	0.50	-1.570	-1.680	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (842)	MH-050/18	4.184	0.50	12.85	750	0.23		MH-50/19	4.146	0.50	-1.680	-1.710	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (822)	MH-050/21	3.995	0.50	55.16	750	0.16		MH-050/22	3.814	0.50	-1.760	-1.850	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (823)	MH-050/22	3.814	0.50	53.20	750	0.15		MH-50/23	3.704	0.50	-1.851	-1.930	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (787)	MH-050/24	3.973	0.50	54.32	750	0.17		MH-050/25	3.783	0.50	-1.960	-2.050	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (788)	MH-050/25	3.783	0.50	42.35	750	0.14		MH-050/26	3.619	0.50	-2.050	-2.110	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (789)	MH-050/26	3.619	0.50	13.82	750	0.22		MH-050/27	3.519	0.50	-2.110	-2.140	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (790)	MH-050/27	3.519	0.50	77.71	750	0.15		MH-050/28	3.334	0.50	-2.140	-2.260	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (791)	MH-050/28	3.334	0.50	32.99	750	0.15		MH-050/29	3.465	0.50	-2.260	-2.310	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (792)	MH-050/29	3.465	0.50	35.39	750	0.15		MH-050/30	3.329	0.50	-2.310	-2.363	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (793)	MH-050/30	3.329	0.50	12.29	750	0.01		GPT-50/34	3.235	0.50	-2.514	-2.515	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (794)	GPT-50/34	3.235	0.50	54.42	750	0.01		Outfall-13	-1.722	0.10	-2.515	-2.520	Ok	-2.520	n/a	-0.01	#VALUE!
	Pipe - (1162)				7.25	300	0.52		MH-048/02	3.837	0.50	3.226	3.188	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (864)	MH-048/02	3.837	0.50	93.97	300	0.40		MH-050/13	3.885	0.50	1.600	1.227	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (837)	MH-050/13	3.885	0.50	13.30	750	0.15		MH-050/14	3.905	0.50	-1.310	-1.330	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (838)	MH-050/14	3.905	0.50	22.51	750	0.18		MH-050/15	4.072	0.50	-1.330	-1.370	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (830)	MH-050/06	3.886	0.50	73.06	750	0.16		MH-050/07	3.768	0.50	-0.570	-0.690	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (829)	MH-050/05	3.981	0.50	22.66	500	0.26		MH-050/06	3.886	0.50	-0.510	-0.570	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (831)	MH-050/07	3.768	0.50	73.19	750	0.15		MH-050/08	4.199	0.50	-0.690	-0.800	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (832)	MH-050/08	4.199	0.50	58.30	750	0.15		MH-050/09	4.678	0.50	-0.800	-0.890	Ok	#N/A	#N/A	#N/A	#N/A
	Pipe - (833)	MH-050/09	4.678	0.50	81.88	750	0.15		MH-050/10	4.046	0.50	-0.890	-1.010	Ok	#N/A	#N/A	#N/A	#N/A

Outfall-03 | Outfall-04 | Outfall-05 | Outfall-06 | Outfall-07 | Outfall-08 | Outfall-09 | Outfall-10 | Outfall-11 | Outfall-12 | Outfall-13 | Outl ...

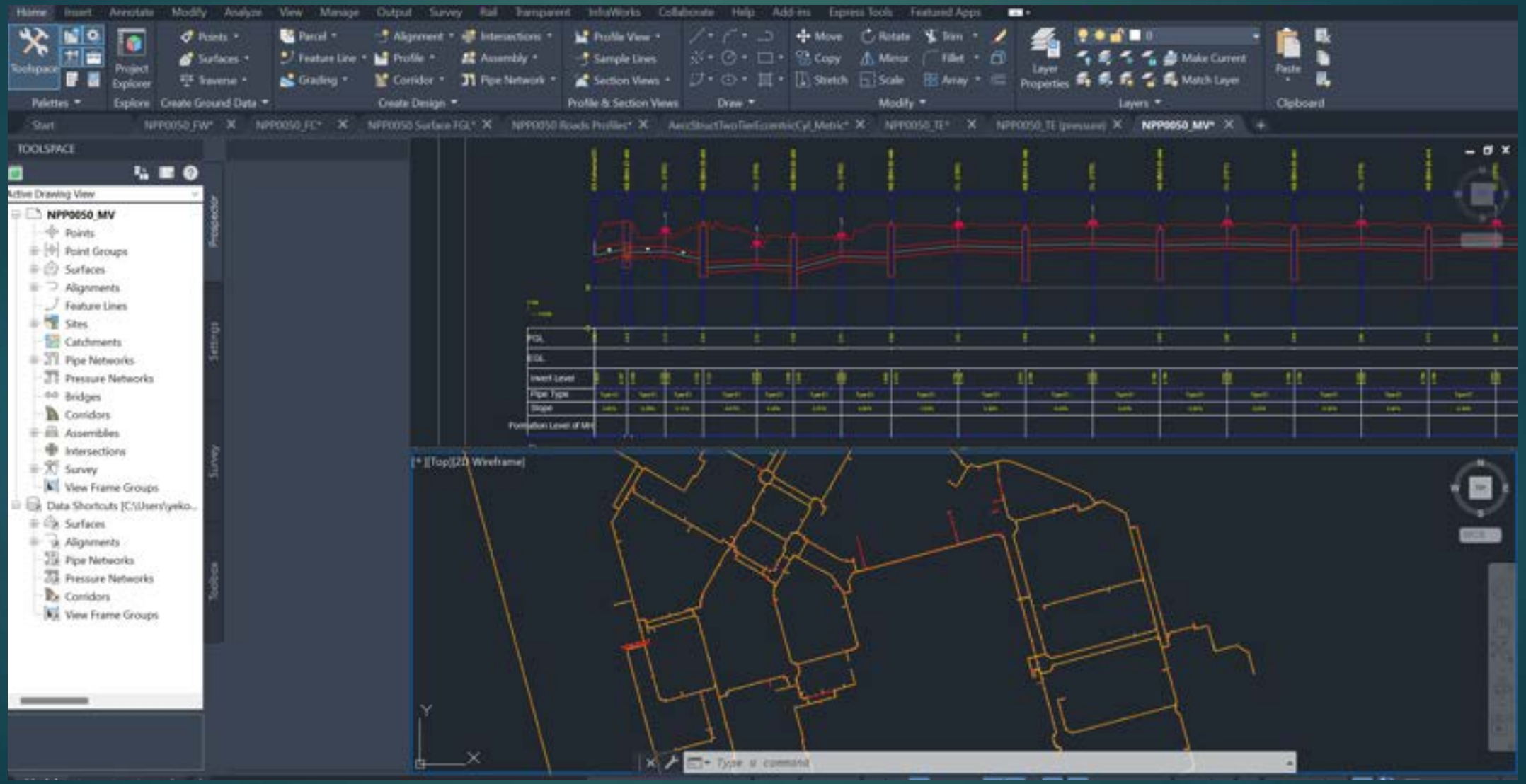
Road Profiles



Civil 3D Parts Editor



MV network and profile



3D animations and rendering (Modelled in revit rendered in Lumion)

Youtube videos require internet connection

https://www.youtube.com/watch?v=YNP4PM0okEM

Entrance

Commander Room

Auditorium

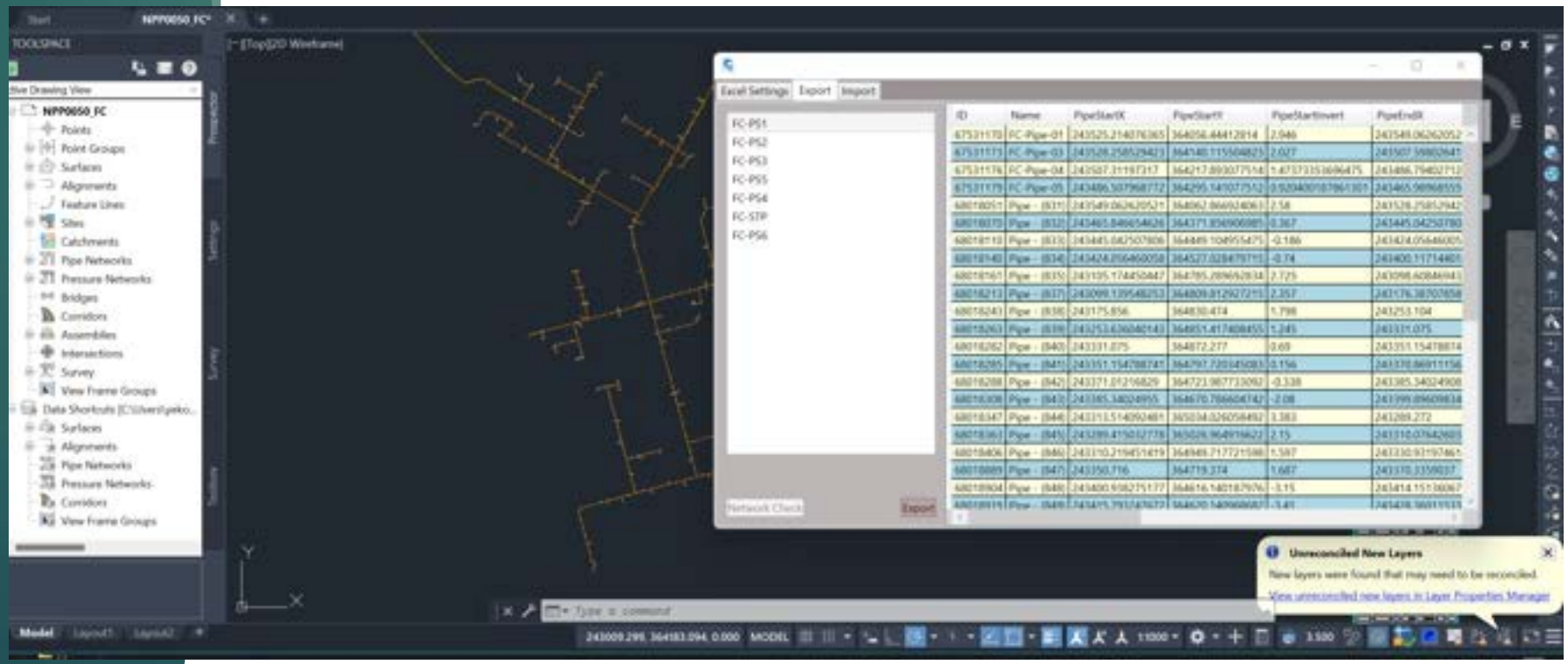
VIP ROOM

VIP ROOM

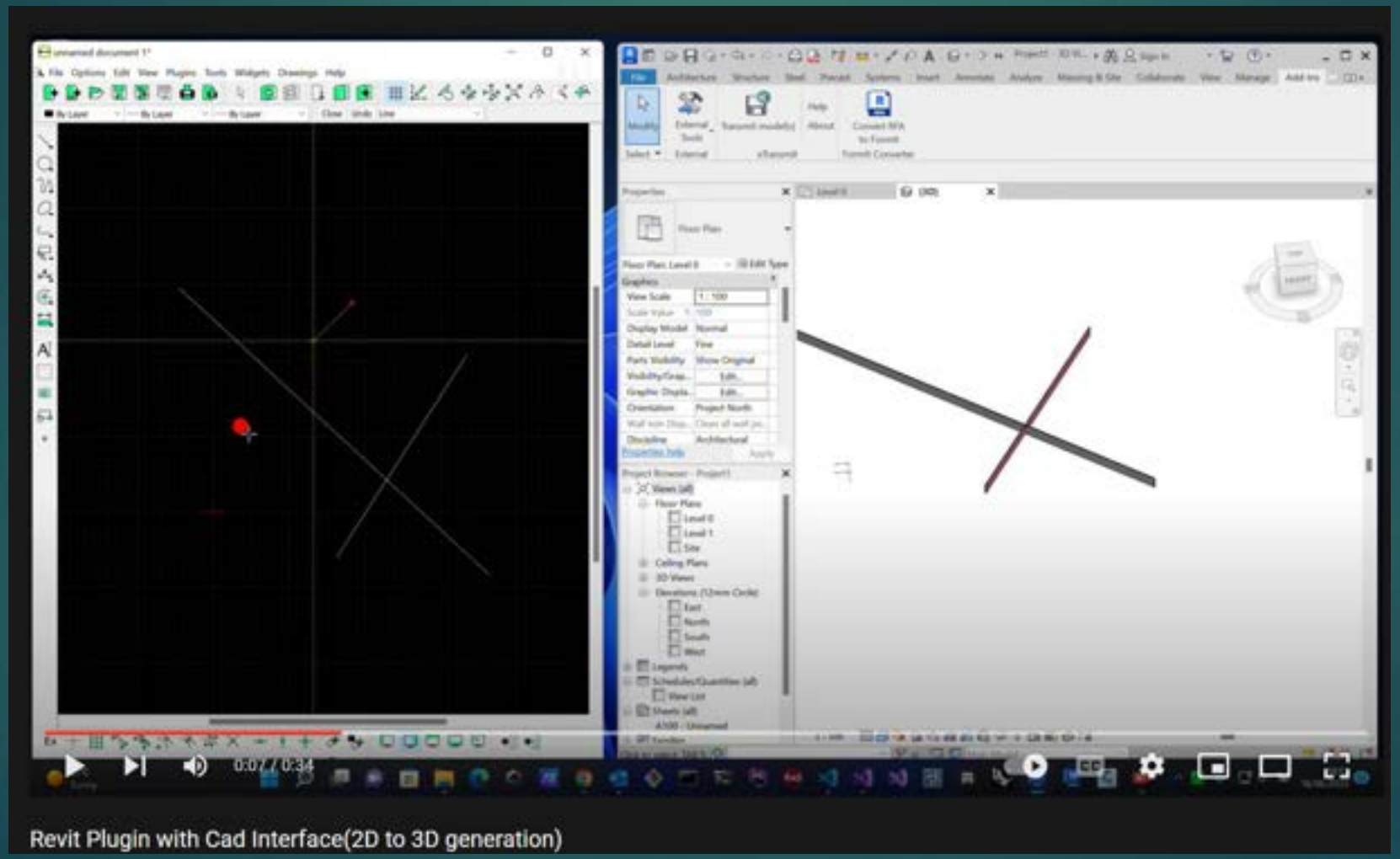
Software Engineer

- Specialized in Revit and Civil 3D programming with a strong knowledge of C++, C#, Dynamo graphs and Python scripting using both Civil 3D API and Revit API.
- Automating the everyday modelling tasks to be accomplished easily.
- Raising the efficiency of the modelling workflow to the highest level.
- Providing lasting solutions for the common modelling problems.
- Dealing with complex modelling tasks that require exhausting work.
- Preparation of 4D and 5D analysis for the Project.

Addin for exporting network data

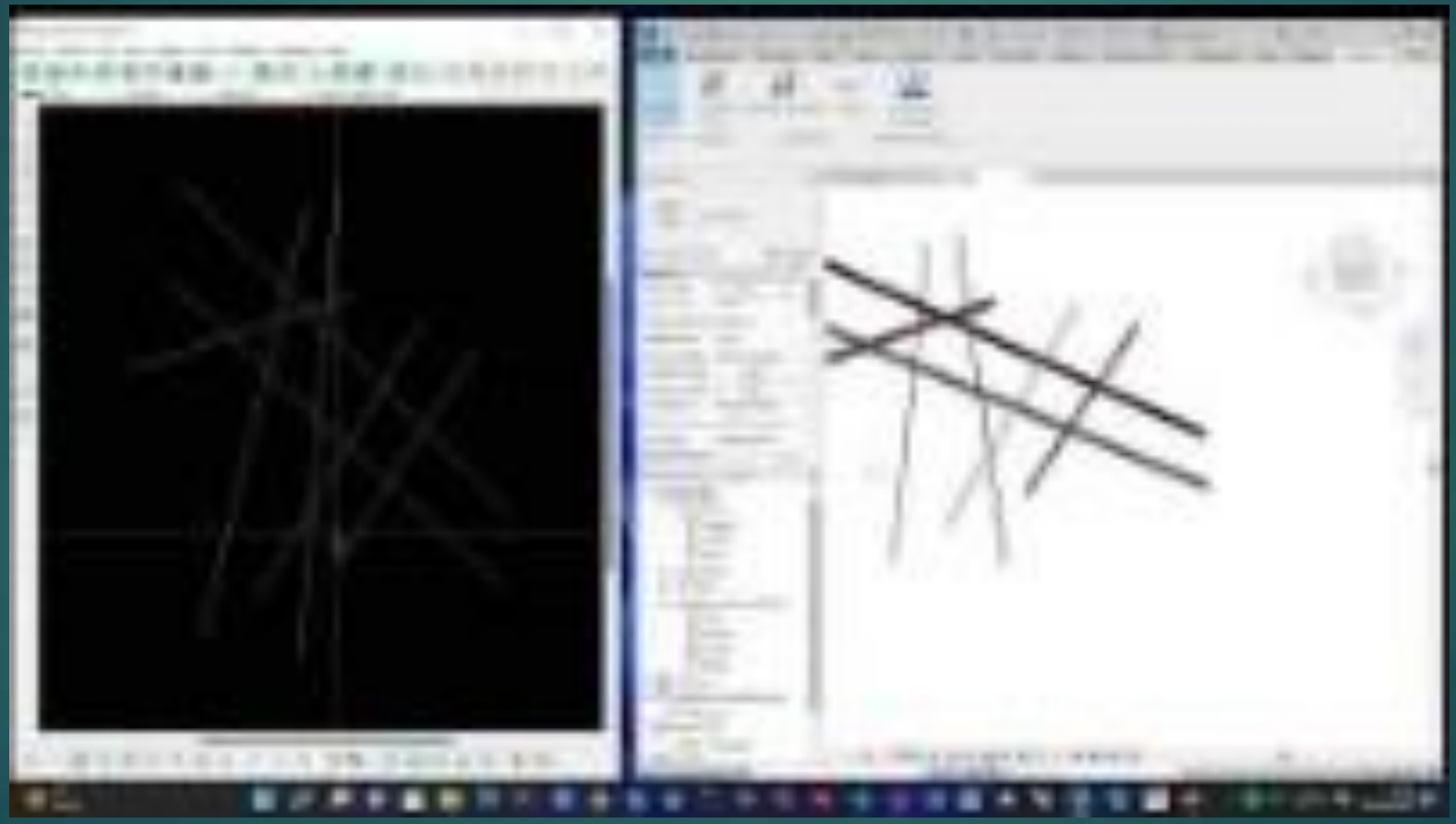


2D to 3D generation for Revit(in progress)

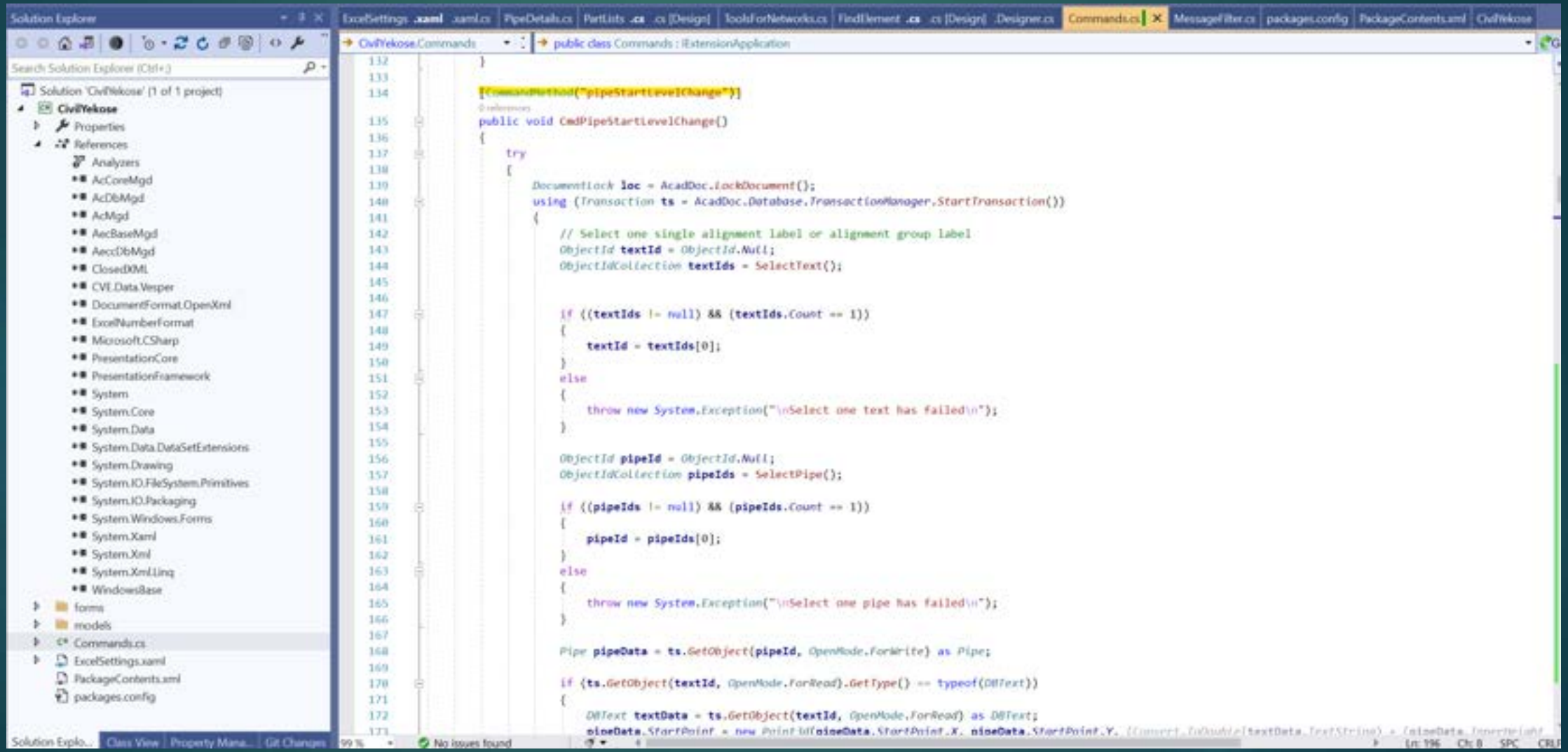


Youtube videos require internet connection

https://www.youtube.com/watch?v=GI18g1lhugg



Pipe level changer and many others



Thank you