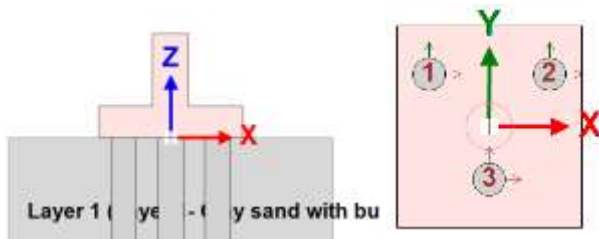


The sign convention of during load application and when modeling is as follows;



This is reflected in the deflection results of the piles

Vertical Displacement	Horizontal Displacement (m)			
	Dz	Dx	Dy	Dxy
3.087E+03	8.944E-02	-1.211E+01	1.211E+01	
3.087E+03	8.555E-02	-1.17E+01	1.17E+01	
3.087E+03	8.165E-02	-1.129E+01	1.129E+01	
3.087E+03	7.775E-02	-1.088E+01	1.088E+01	
3.087E+03	7.385E-02	-1.047E+01	1.047E+01	
3.087E+03	7.000E-02	-1.012E+01	1.012E+01	
3.087E+03	6.625E-02	-9.715E+00	9.715E+00	
3.087E+03	6.250E-02	-9.305E+00	9.305E+00	
3.087E+03	5.897E-02	-8.895E+00	8.895E+00	
3.087E+03	5.515E-02	-8.484E+00	8.484E+00	

Vertical Direction -Z

Horizontal Direction - X and Y

However, when checking the forces there seems to be a discrepancy. Please clarify

Maximum Vertical Force	Maximum Shear Force(kN)			Maximum Moment(kN·m)		
	Fx	Fz	Fy	Fyz	My	Mz
7.162E+02	5.741E+01	-5.771E+02	5.799E+02	7.202E+01	-5.513E+02	5.56E+02
7.161E+02	5.921E+01	-6.695E+02	6.721E+02	7.538E+01	-6.399E+02	6.444E+02
7.107E+02	5.889E+01	-6.512E+02	6.539E+02	7.476E+01	-6.224E+02	6.269E+02

Says vertical Force but is given as Fx not Fz. Is this correct? If so Why?

Are the Sign Conventions Correct??