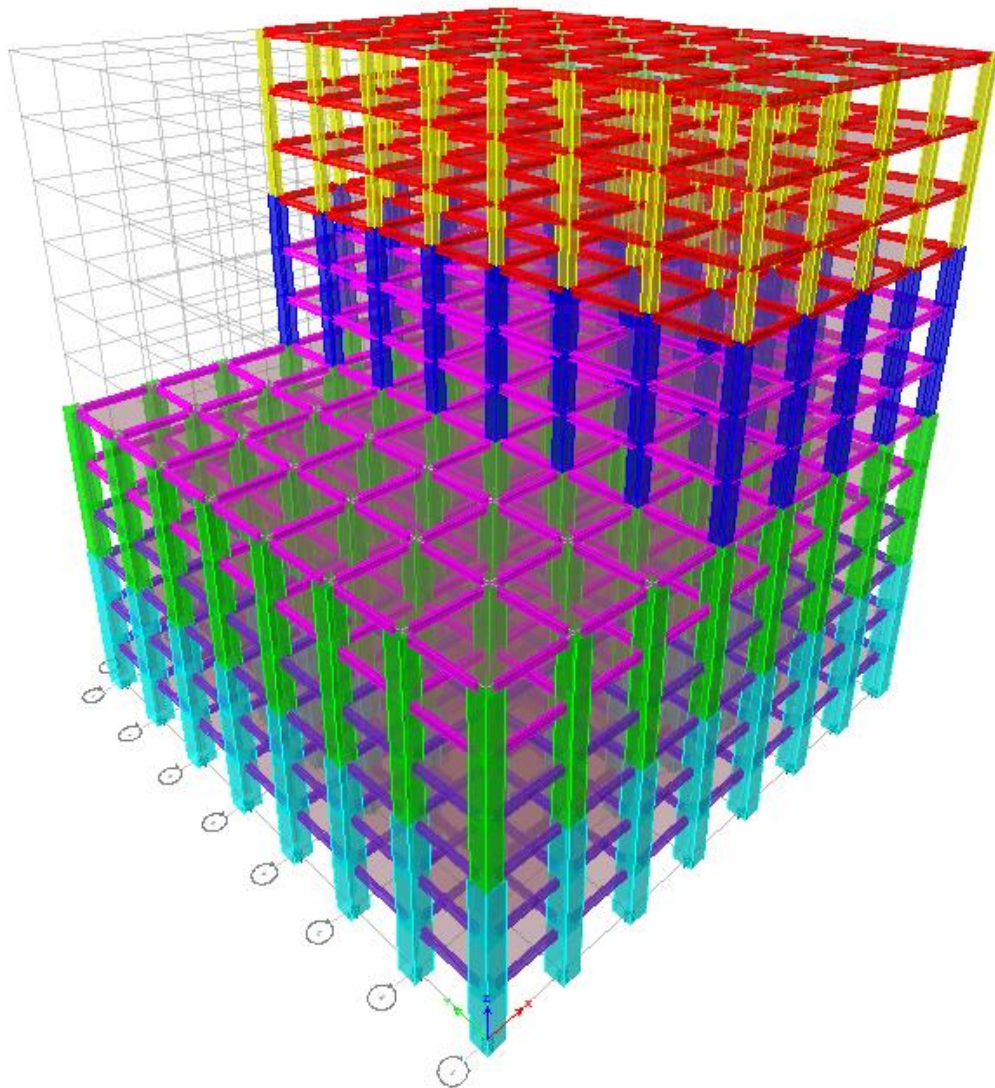
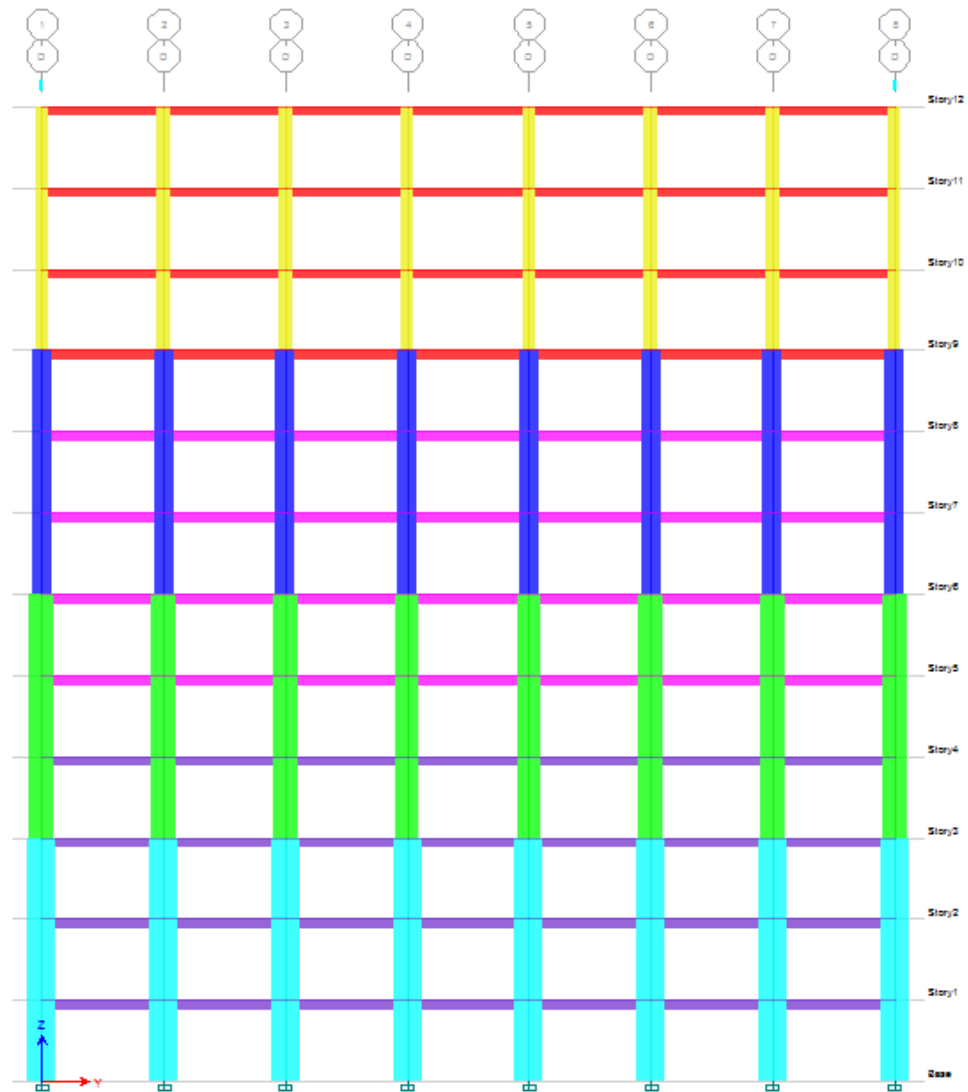


LAMPIRAN

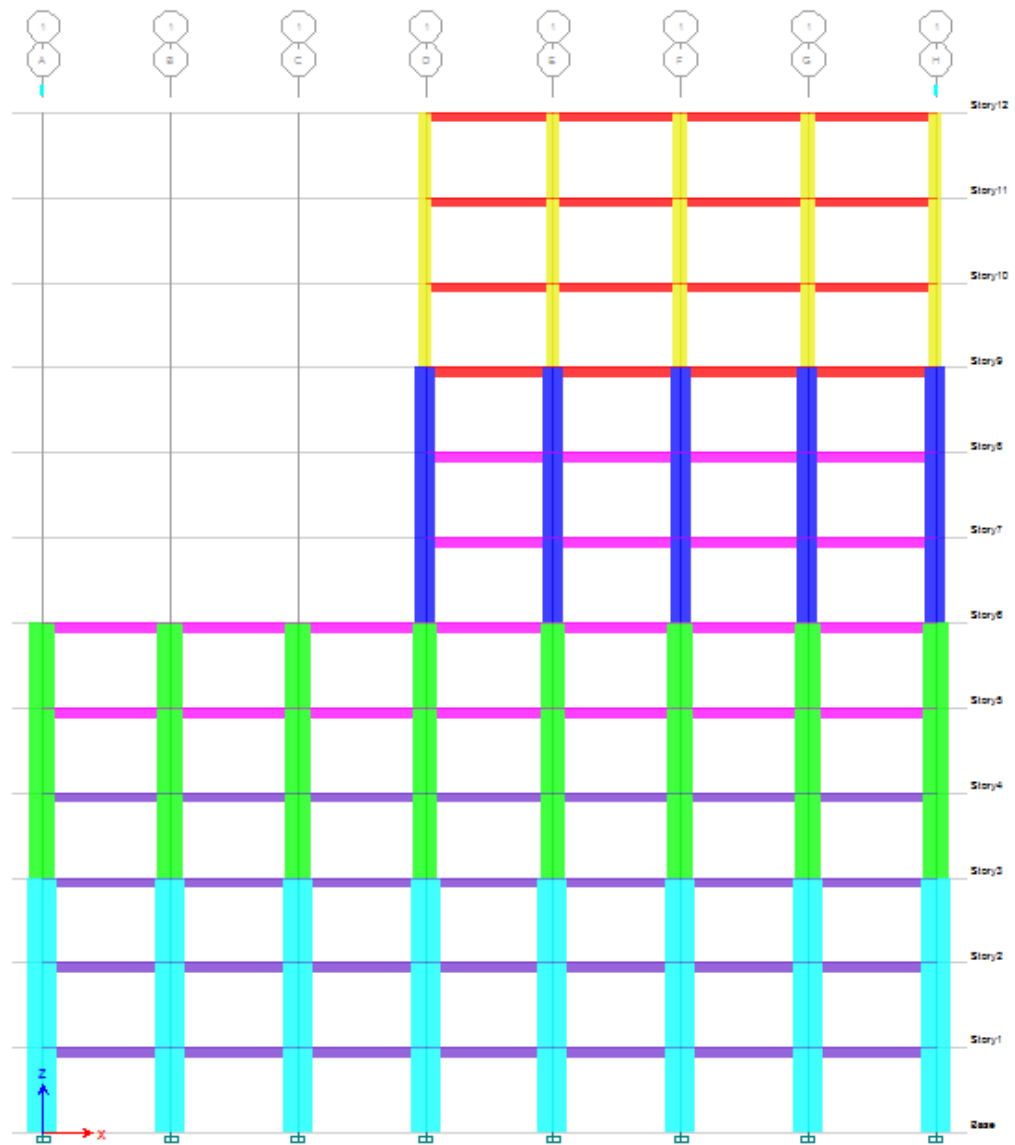
1. Gambar Geometri Portal



2. Gambar Geometri Portal arah X

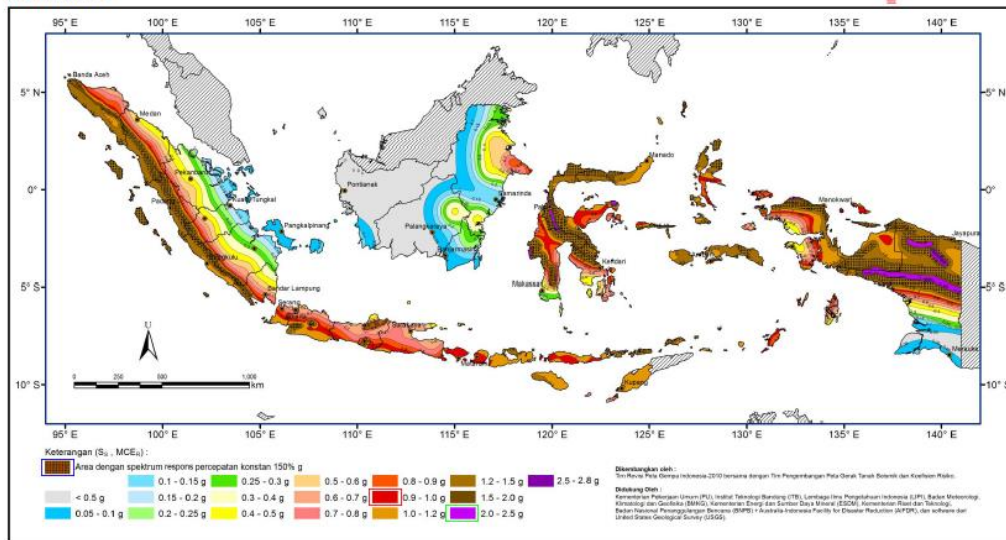


3. Gambar Geometri Portal arah Y



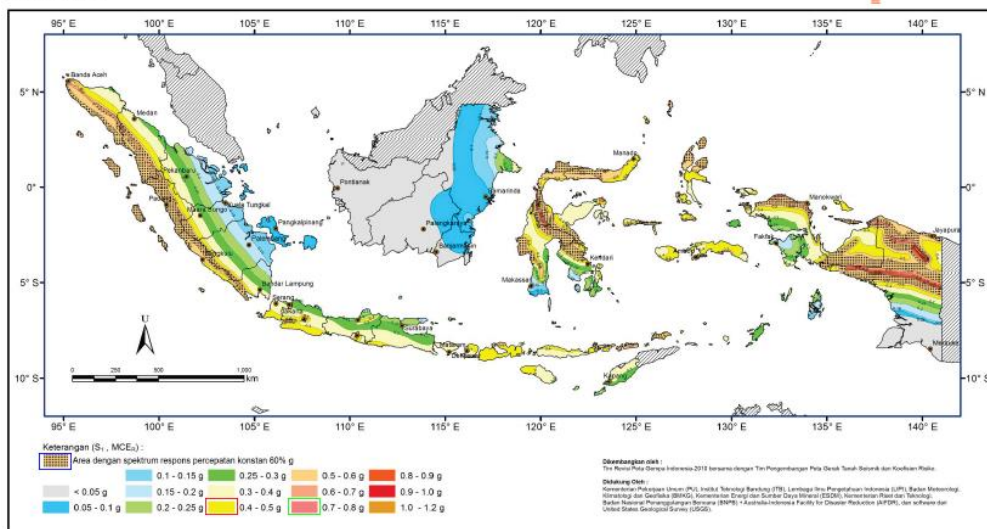
4. Peta Hazard Gempa 2010

SNI 1726:2012



Gambar 9 - S_s , Gempa maksimum yang dipertimbangkan risiko-tertarget(MCE_s), kelas situs SB

SNI 1726:2012



Gambar 10 - S_s , Gempa maksimum yang dipertimbangkan risiko-tertarget(MCE_s), kelas situs SB

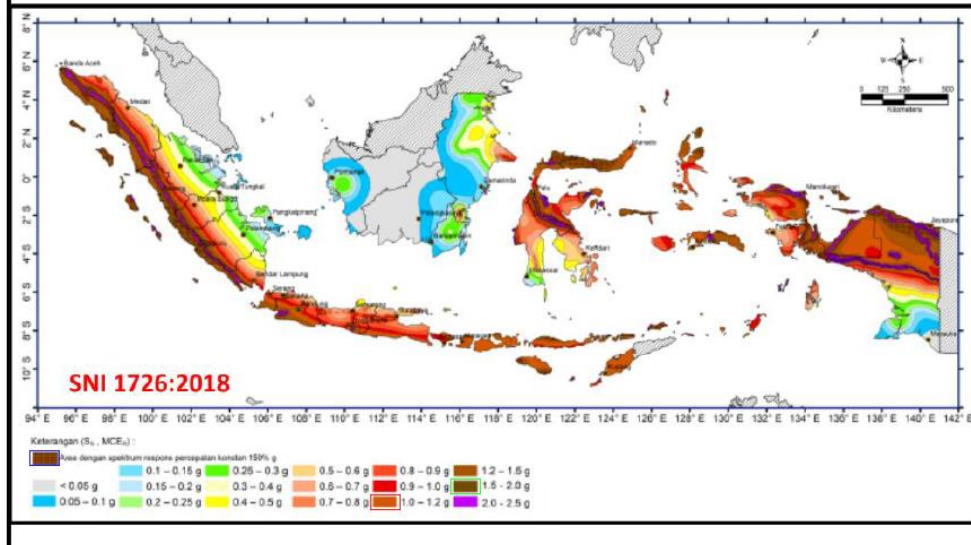
Lombok

Mentawai

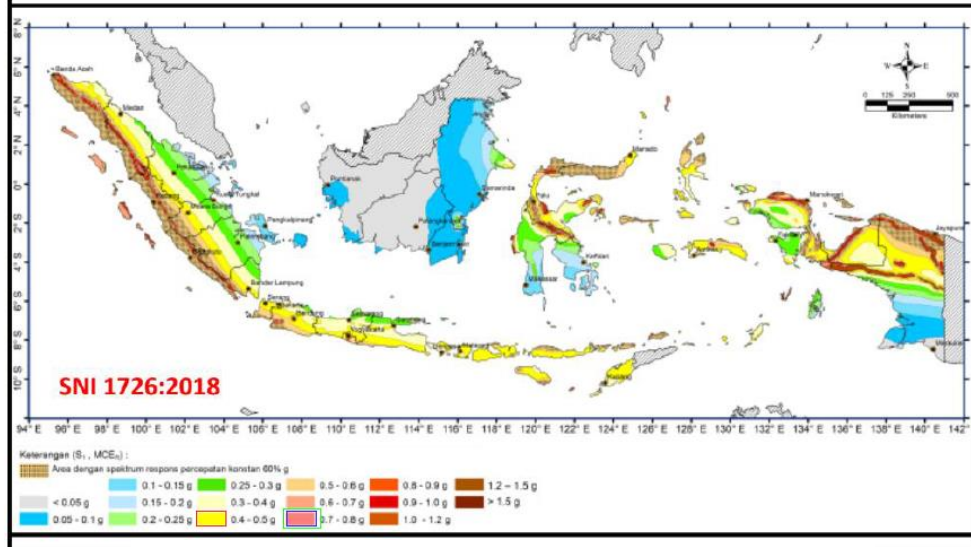
Palu

5. Peta Hazard Gempa 2017

S_s Risk-Adjusted Maximum Considered Earthquake (MCE_R) 2018 Ground Motion Parameter for 0.2 s Spectral Response Acceleration (5% of Critical Damping and Site Class BC)



S_1 Risk-Adjusted Maximum Considered Earthquake (MCE_R) 2018 Ground Motion Parameter for 1.0 s Spectral Response Acceleration (5% of Critical Damping and Site Class BC)



Lombok

Mentawai

Palu

6. Tabel Respon Spektrum Desain SNI 03-1726-2012

a. Mentawai

No	Mentawai		22	0.336558	2.866667
	S	T			
1	0.3618	0	23	0.325213	2.966667
2	0.9045	0.213333	24	0.314609	3.066667
3	0.9045	1.066667	25	0.304674	3.166667
4	0.9045	1.066667	26	0.295347	3.266667
5	0.826971	1.166667	27	0.286574	3.366667
6	0.761684	1.266667	28	0.278308	3.466667
7	0.705951	1.366667	29	0.270505	3.566667
8	0.657818	1.466667	30	0.263127	3.666667
9	0.61583	1.566667	31	0.256142	3.766667
10	0.57888	1.666667	32	0.249517	3.866667
11	0.546113	1.766667	33	0.243227	3.966667
12	0.516857	1.866667	34	0.237246	4.066667
13	0.490576	1.966667	35	0.231552	4.166667
14	0.466839	2.066667	36	0.226125	4.266667
15	0.445292	2.166667	37	0.220947	4.366667
16	0.425647	2.266667	38	0.216	4.466667
17	0.407662	2.366667	39	0.21127	4.566667
18	0.391135	2.466667	40	0.206743	4.666667
19	0.375896	2.566667	41	0.202406	4.766667
20	0.3618	2.666667	42	0.198247	4.866667
21	0.348723	2.766667	43	0.194255	4.966667
			44	0.190421	5.066667

b. Palu

No	Palu	
	S	T
1	0.5427	0
2	1.35675	0.177778
3	1.35675	0.888889
4	1.35675	0.888889
5	1.219551	0.988889
6	1.107551	1.088889
7	1.014393	1.188889
8	0.93569	1.288889
9	0.86832	1.388889
10	0.81	1.488889
11	0.759021	1.588889
12	0.714079	1.688889
13	0.674161	1.788889
14	0.638471	1.888889
15	0.606369	1.988889
16	0.57734	2.088889
17	0.550964	2.188889
18	0.526893	2.288889
19	0.504837	2.388889
20	0.484554	2.488889
21	0.465837	2.588889

22	0.448512	2.688889
23	0.43243	2.788889
24	0.417462	2.888889
25	0.403494	2.988889
26	0.390432	3.088889
27	0.378188	3.188889
28	0.366689	3.288889
29	0.355869	3.388889
30	0.345669	3.488889
31	0.336037	3.588889
32	0.326928	3.688889
33	0.318299	3.788889
34	0.310114	3.888889
35	0.30234	3.988889
36	0.294946	4.088889
37	0.287905	4.188889
38	0.281192	4.288889
39	0.274785	4.388889
40	0.268663	4.488889
41	0.262809	4.588889
42	0.257204	4.688889
43	0.251833	4.788889
44	0.246682	4.888889

7. Tabel Respon Spektrum Desain RSNI 03-1726-2018

a. Mentawai

No	Mentawai	
	S	T
1	0.32	0
2	0.8	0.25
3	0.8	1.25
4	0.8	1.25
5	0.740741	1.35
6	0.689655	1.45
7	0.645161	1.55
8	0.606061	1.65
9	0.571429	1.75
10	0.540541	1.85
11	0.512821	1.95
12	0.487805	2.05
13	0.465116	2.15
14	0.444444	2.25
15	0.425532	2.35
16	0.408163	2.45
17	0.392157	2.55
18	0.377358	2.65
19	0.363636	2.75
20	0.350877	2.85
21	0.338983	2.95

22	0.327869	3.05
23	0.31746	3.15
24	0.307692	3.25
25	0.298507	3.35
26	0.289855	3.45
27	0.28169	3.55
28	0.273973	3.65
29	0.266667	3.75
30	0.25974	3.85
31	0.253165	3.95
32	0.246914	4.05
33	0.240964	4.15
34	0.235294	4.25
35	0.229885	4.35
36	0.224719	4.45
37	0.21978	4.55
38	0.215054	4.65
39	0.210526	4.75
40	0.206186	4.85
41	0.20202	4.95
42	0.19802	5.05
43	0.194175	5.15
44	0.190476	5.25

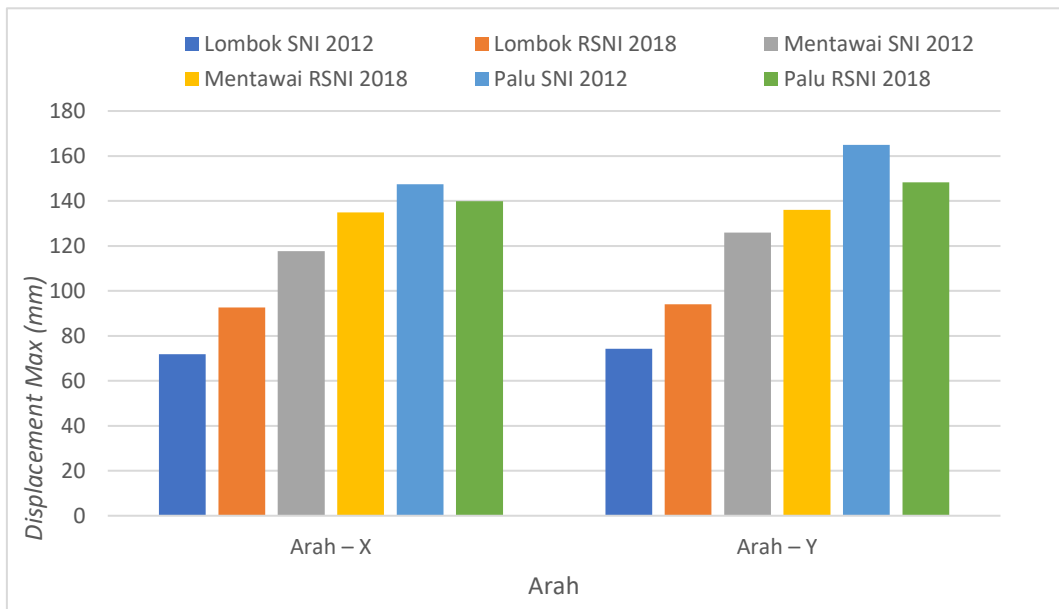
b. Palu

No	Palu	
	S	T
1	0.384	0
2	0.96	0.208333
3	0.96	1.041667
4	0.96	1.041667
5	0.840876	1.141667
6	0.773154	1.241667
7	0.715528	1.341667
8	0.665896	1.441667
9	0.622703	1.541667
10	0.584772	1.641667
11	0.551196	1.741667
12	0.521267	1.841667
13	0.494421	1.941667
14	0.470204	2.041667
15	0.448249	2.141667
16	0.428253	2.241667
17	0.409964	2.341667
18	0.393174	2.441667
19	0.377705	2.541667
20	0.363407	2.641667
21	0.350152	2.741667

22	0.33783	2.841667
23	0.326346	2.941667
24	0.315616	3.041667
25	0.30557	3.141667
26	0.296144	3.241667
27	0.287282	3.341667
28	0.278935	3.441667
29	0.271059	3.541667
30	0.263616	3.641667
31	0.25657	3.741667
32	0.249892	3.841667
33	0.243552	3.941667
34	0.237526	4.041667
35	0.231791	4.141667
36	0.226326	4.241667
37	0.221113	4.341667
38	0.216135	4.441667
39	0.211376	4.541667
40	0.206822	4.641667
41	0.20246	4.741667
42	0.198279	4.841667
43	0.194266	4.941667
44	0.190413	5.041667

8. Displacement Maximum

Beban Gempa	Daerah	Displacement Maximum (mm)	
		Arah – X	Arah – Y
SNI 03-1726-2012 (RS)	Lombok	71,885	74,234
	Mentawai	117,659	125,938
	Palu	147,388	164,885
RSNI 03-1726-2018 (RS)	Lombok	92,671	94,042
	Mentawai	134,933	135,987
	Palu	139,944	148,31



9. Drift Ratio Maximum

Beban Gempa	Daerah	Drift Ratio (%)	
		Arah – X	Arah – Y
SNI 03-1726-2012 (RS)	Lombok	1.19845	1.162425
	Mentawai	1.95484	1.9811
	Palu	2.4586375	2.605625
RSNI 03-1726-2018 (RS)	Lombok	1.5458	1.467
	Mentawai	2.2512875	2.1170875
	Palu	2.33255	2.3266375

