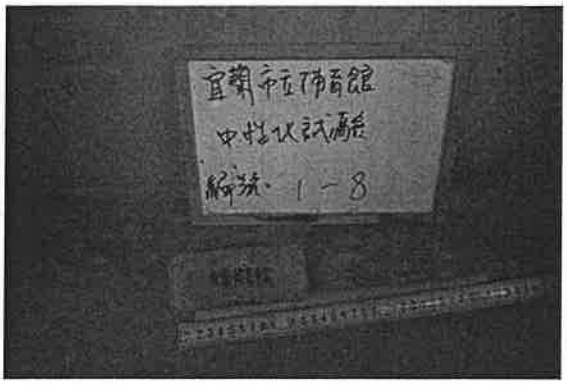
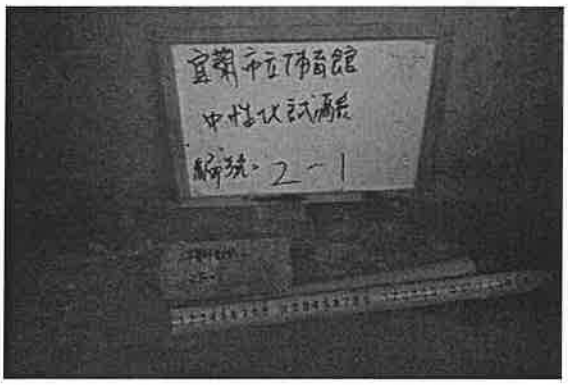
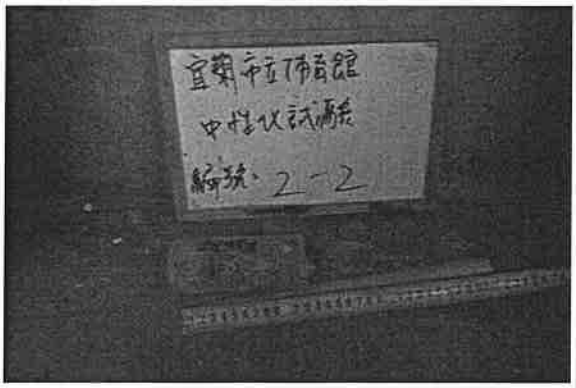
編號	說明	中性化試驗情形	編號	說明	中性化試驗情形
13			14		



編號	說明	中性化試驗情形	編號	說明	中性化試驗情形
15			16		

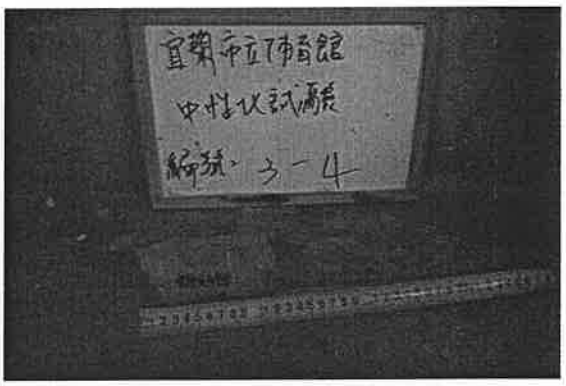


編號	說明	中性化試驗情形	編號	說明	中性化試驗情形
17			18		



編號	說明	中性化試驗情形	編號	說明	中性化試驗情形
19			20		

編號	說明	中性化試驗情形	編號	說明	中性化試驗情形
21			22		



附件(六)

建築物現況耐震能力詳細評估結果

$ PGA CALCULATION

Cofficient k = 0.33

$ Number of floor = 5

$Weight	Height
254414	0.0203
98883	0.008
1744127	0.0189
1559501	0.0091
1514215	0.0003

$ SITE SPECTRUM PARAMETER

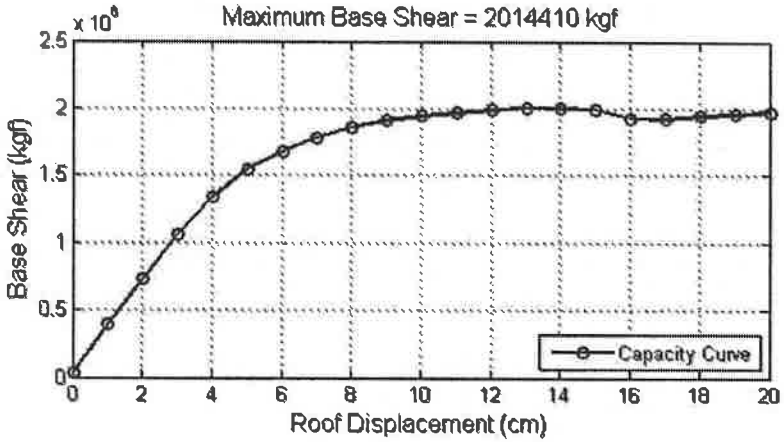
$S_DS	S_D1
0.8	0.675

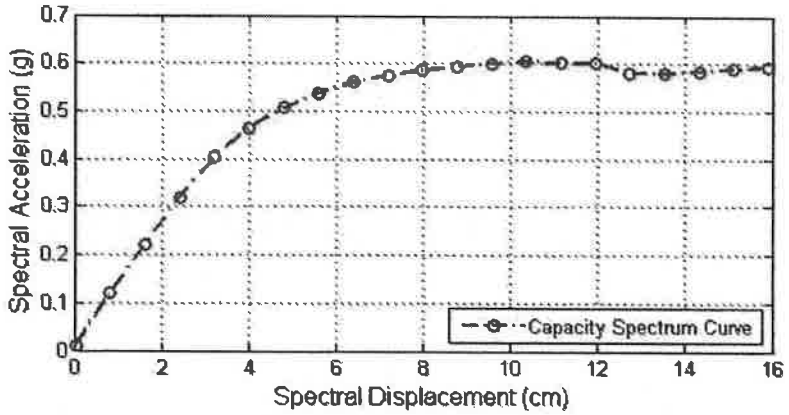
ALPHA = 0.642593

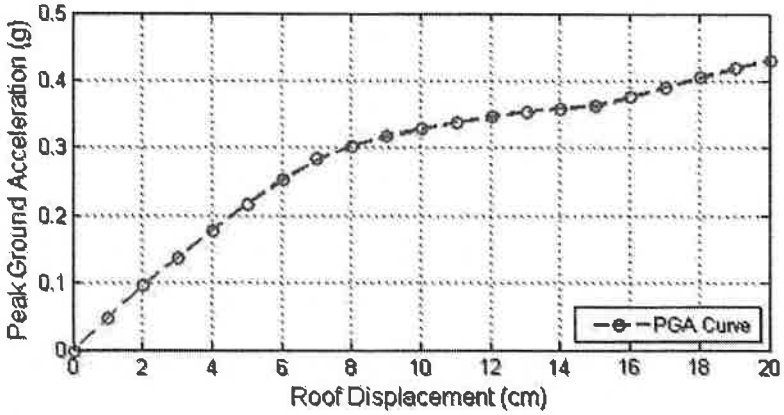
PF* = 62.0352

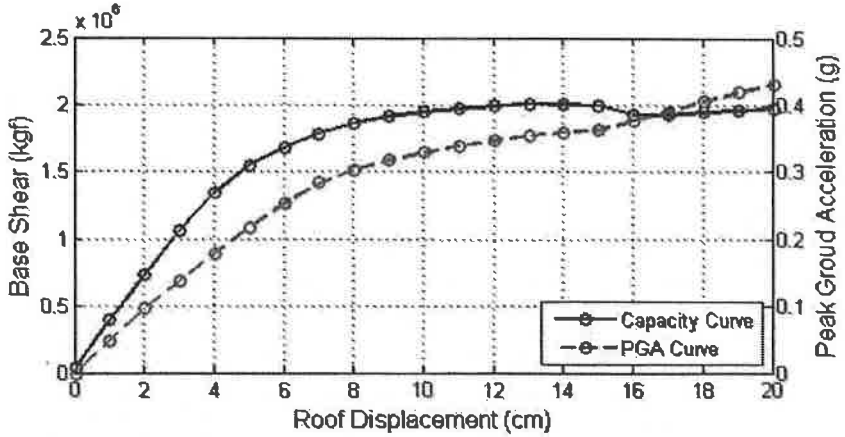
$ PGA DATA

$S_a	S_d	A_e	BETA_0	BETA_eq	T_e	T_0	B_s	B_1	Force	Disp.	A_p
0.012129	0	0	0	0.05	0	0	0	0	40304	0	0
0.121289	0.794083	0.0529725	0	0.05	0.513296	0.84375	1	1	403036	1	0.048516
0.221839	1.58817	0.189209	0.047161	0.065563	0.536753	0.863243	1.10272	1.07782	737158	2	0.09785
0.320168	2.38225	0.404408	0.038474	0.062697	0.547205	0.859867	1.0838	1.06348	1063900	3	0.138799
0.404606	3.17633	0.692174	0.049132	0.066214	0.562072	0.863997	1.10701	1.08107	1344480	4	0.179161
0.46628	3.97042	1.03795	0.077226	0.075485	0.585383	0.874266	1.1682	1.12742	1549420	5	0.217883
0.508261	4.7645	1.42489	0.11256	0.087145	0.614201	0.886041	1.24516	1.18572	1688920	6	0.253146
0.538102	5.55858	1.84033	0.146771	0.098434	0.644755	0.896389	1.31967	1.24217	1788080	7	0.284046
0.561789	6.35267	2.27704	0.175745	0.107996	0.674585	0.897962	1.35159	1.26999	1866790	8	0.303723
0.576941	7.14675	2.72916	0.206131	0.118023	0.706047	0.89822	1.37866	1.29506	1917140	9	0.318163
0.586722	7.94083	3.19118	0.235475	0.127707	0.73801	0.898459	1.40481	1.31927	1949640	10	0.329693
0.594399	8.73491	3.66014	0.260956	0.136115	0.769017	0.898659	1.42751	1.34029	1975150	11	0.339404
0.600941	9.529	4.13474	0.282726	0.1433	0.798828	0.898826	1.44691	1.35825	1996890	12	0.347803
0.606214	10.3231	4.61403	0.302142	0.149707	0.827823	0.898971	1.46421	1.37427	2014410	13	0.355049
0.603761	11.1172	5.09444	0.329759	0.15882	0.860815	0.899171	1.48882	1.39705	2006260	14	0.359555
0.602488	11.9112	5.57337	0.352212	0.16623	0.891969	0.899329	1.50882	1.41557	2002030	15	0.363618
0.581886	12.7053	6.04361	0.404218	0.183392	0.937388	0.89968	1.55516	1.45848	1933570	16	0.377141
0.580929	13.4994	6.5053	0.419564	0.188456	0.967033	0.899779	1.56883	1.47114	1930390	17	0.3918
0.586412	14.2935	6.96878	0.421965	0.189249	0.990406	0.899795	1.57097	1.47312	1948610	18	0.405603
0.59067	15.0876	7.43613	0.425792	0.190511	1.01387	0.899819	1.57438	1.47628	1962760	19	0.419123
0.594925	15.8817	7.90686	0.428886	0.191532	1.03648	0.899839	1.57714	1.47883	1976900	20	0.432304


x 10^6
Maximum Base Shear = 2014410 kgf
Base Shear (kgf)
Roof Displacement (cm)
Capacity Curve


Spectral Acceleration (g)
Spectral Displacement (cm)
Capacity Spectrum Curve


Peak Ground Acceleration (g)
Roof Displacement (cm)
PGA Curve


x 10^6
Base Shear (kgf)
Peak Groud Acceleration (g)
Roof Displacement (cm)
Capacity Curve
PGA Curve

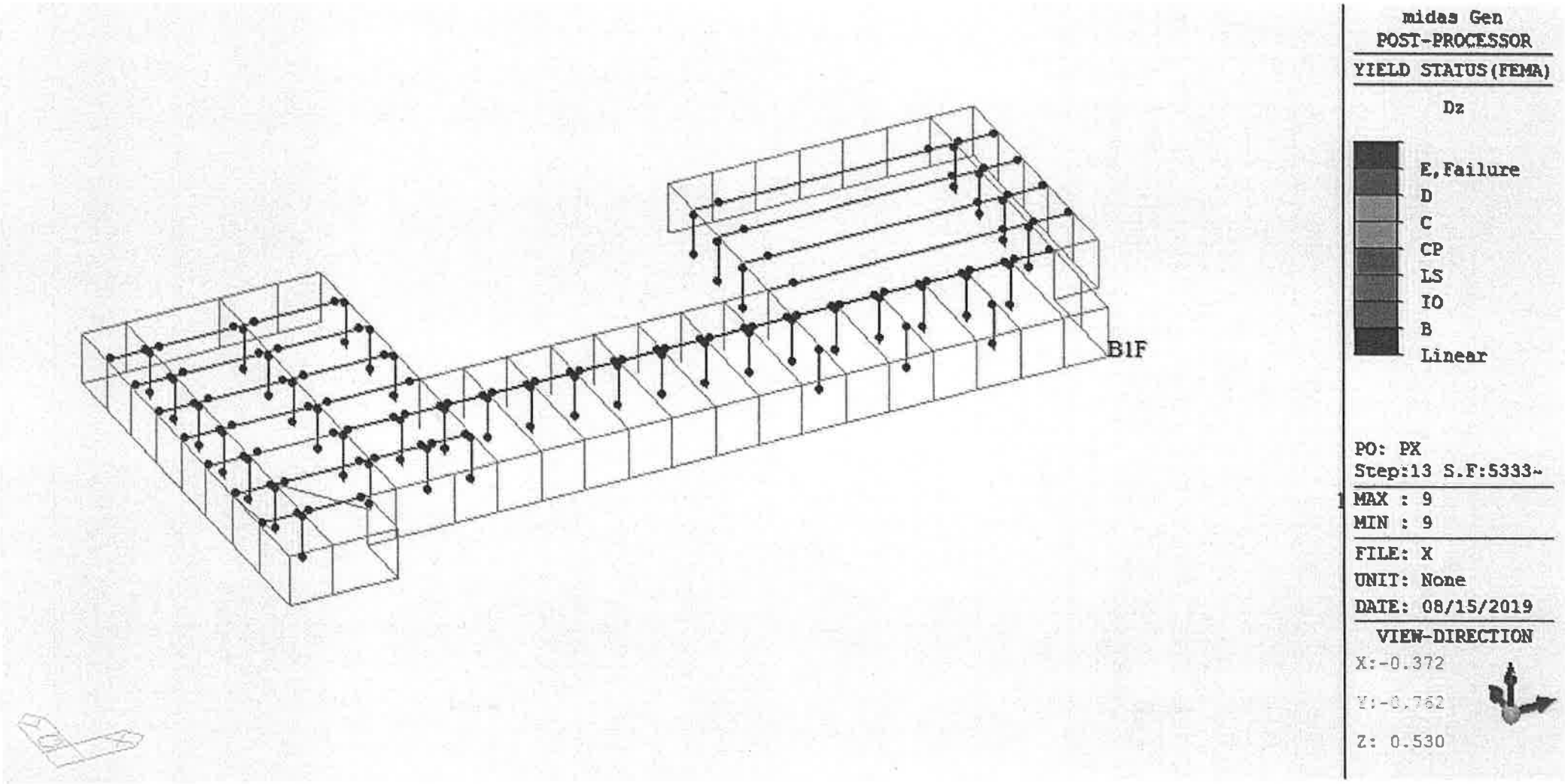
Drift(X)

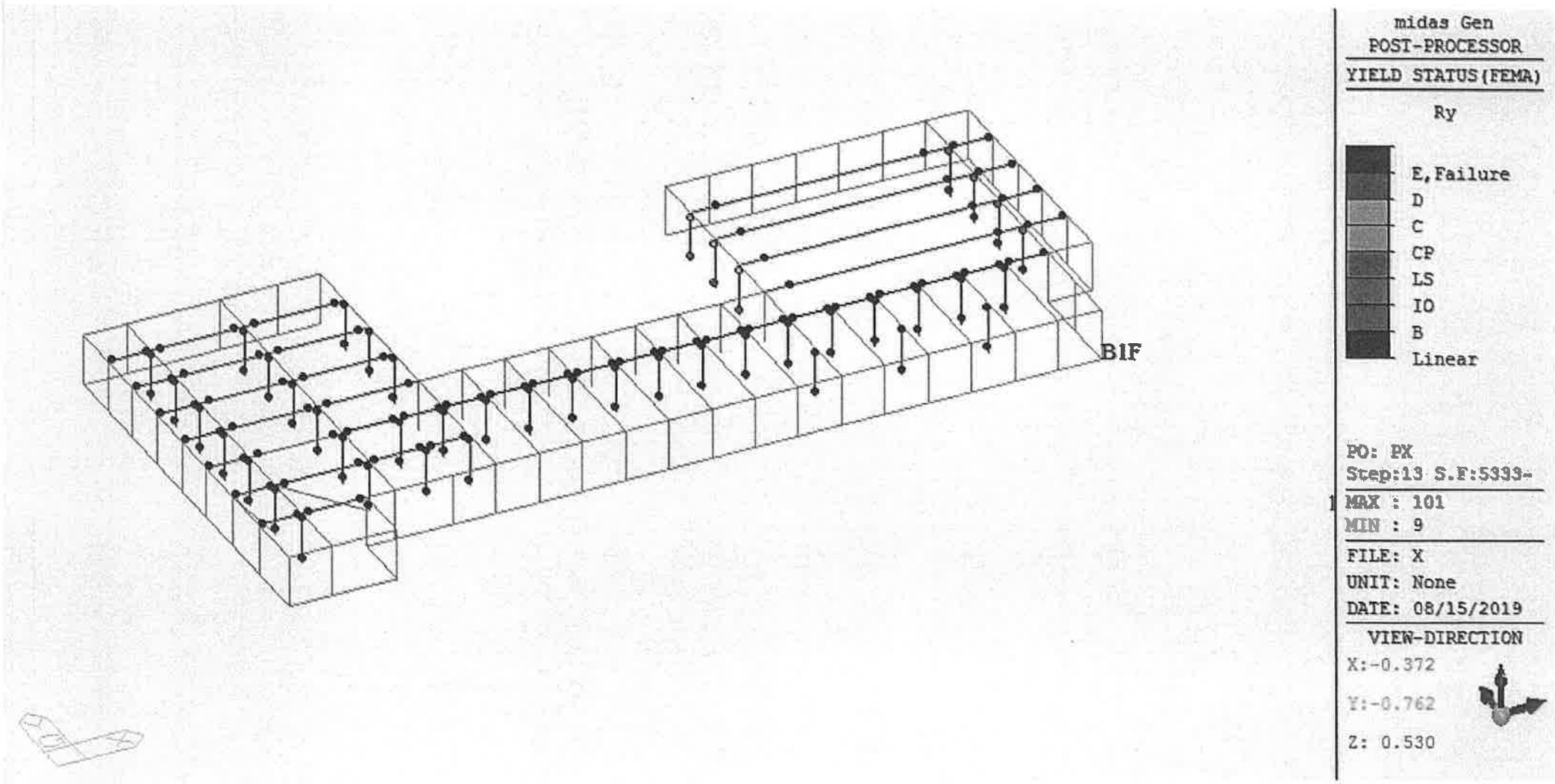
Load Case	Step	Story	Story Height (cm)	Drift at the Center of Mass				
				Story Drift (cm)	Modified Drift (cm)	Drift Factor (Maximum/Current)	Story Drift Ratio	Remark
RMC,Not Used, Cd=1, Ie=1.25, Scale Factor=1, Allowable Ratio=0.02								
PX(all)	po_0001	3MF	394	0.4567	0.4567	1.0026	0.0012	OK
PX(all)	po_0002	3MF	394	0.8911	0.8911	1.0019	0.0023	OK
PX(all)	po_0003	3MF	394	1.3533	1.3533	1.0018	0.0034	OK
PX(all)	po_0004	3MF	394	1.825	1.825	1.0022	0.0046	OK
PX(all)	po_0005	3MF	394	2.3127	2.3127	1.004	0.0059	OK
PX(all)	po_0006	3MF	394	2.8092	2.8092	1.0052	0.0071	OK
PX(all)	po_0007	3MF	394	3.315	3.315	1.0069	0.0084	OK
PX(all)	po_0008	3MF	394	3.8591	3.8591	1.0098	0.0098	OK
PX(all)	po_0009	3MF	394	4.3791	4.3791	1.0126	0.0111	OK
PX(all)	po_0010	3MF	394	4.909	4.909	1.0128	0.0125	OK
PX(all)	po_0011	3MF	394	5.4395	5.4395	1.0119	0.0138	OK
PX(all)	po_0012	3MF	394	5.9633	5.9633	1.0112	0.0151	OK
PX(all)	po_0013	3MF	394	6.4507	6.4507	1.0102	0.0164	OK
PX(all)	po_0014	3MF	394	6.971	6.971	1.0285	0.0177	OK
PX(all)	po_0015	3MF	394	7.4914	7.4914	1.0094	0.019	OK
PX(all)	po_0016	3MF	394	7.9944	7.9944	1.0124	0.0203	NG
PX(all)	po_0017	3MF	394	8.5216	8.5216	1.0076	0.0216	NG
PX(all)	po_0018	3MF	394	9.0508	9.0508	1.0072	0.023	NG
PX(all)	po_0019	3MF	394	9.5792	9.5792	1.0068	0.0243	NG
PX(all)	po_0020	3MF	394	10.1075	10.1075	1.0065	0.0257	NG
PX(all)	po_0001	3F	300	0.2695	0.2695	1.0551	0.0009	OK
PX(all)	po_0002	3F	300	0.5999	0.5999	1.0044	0.002	OK
PX(all)	po_0003	3F	300	0.907	0.907	1.0043	0.003	OK
PX(all)	po_0004	3F	300	1.2226	1.2226	1.0055	0.0041	OK
PX(all)	po_0005	3F	300	1.57	1.57	1.0089	0.0052	OK
PX(all)	po_0006	3F	300	1.9319	1.9319	1.0113	0.0064	OK
PX(all)	po_0007	3F	300	2.283	2.283	1.0135	0.0076	OK

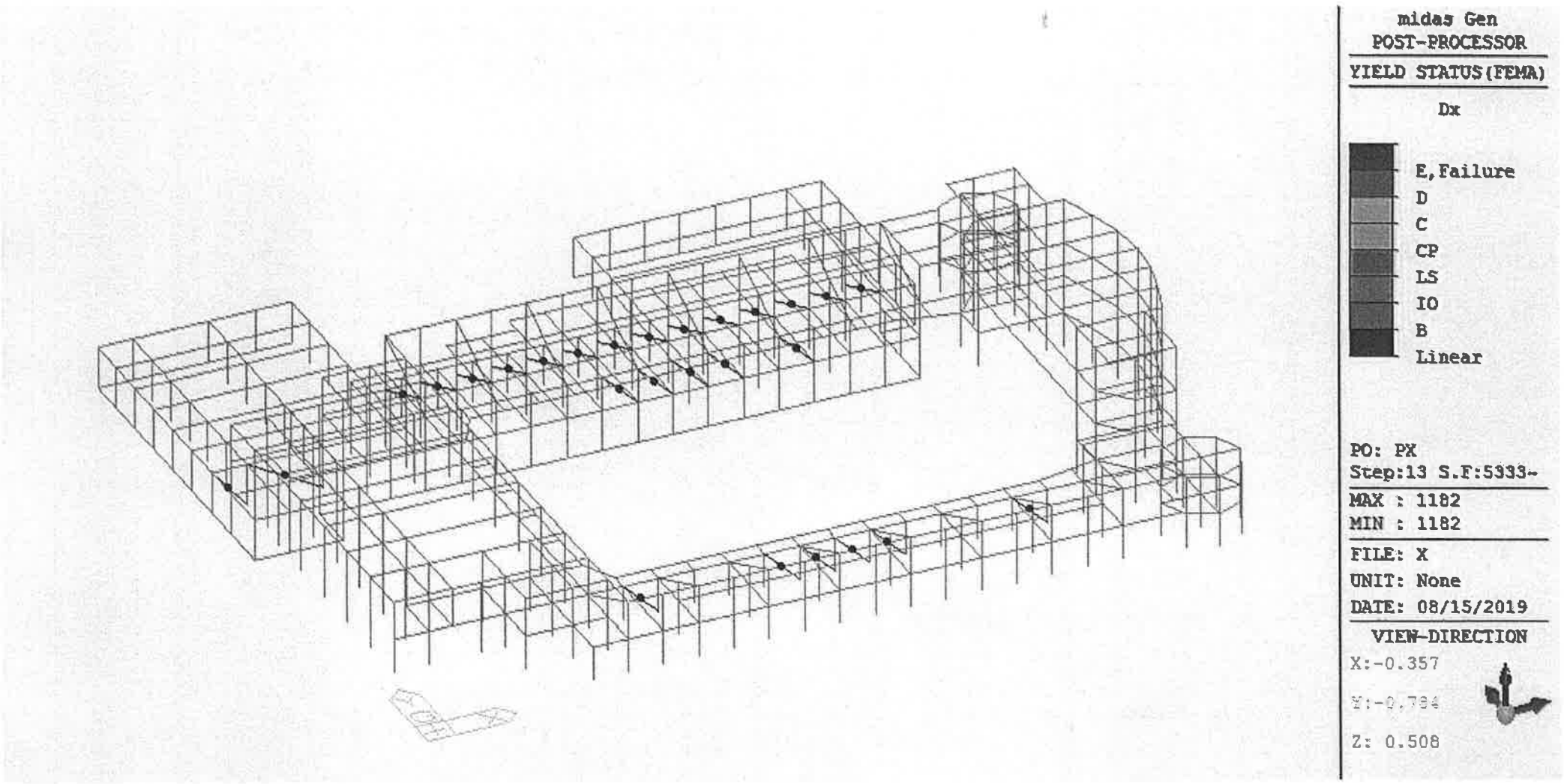
PX(all)	po_0008	3F	300	2.6559	2.6559	1.0219	0.0089	OK
PX(all)	po_0009	3F	300	3.0591	3.0591	1.0274	0.0102	OK
PX(all)	po_0010	3F	300	3.4703	3.4703	1.0307	0.0116	OK
PX(all)	po_0011	3F	300	3.9109	3.9109	1.0286	0.013	OK
PX(all)	po_0012	3F	300	4.3627	4.3627	1.0269	0.0145	OK
PX(all)	po_0013	3F	300	4.7907	4.7907	1.0247	0.016	OK
PX(all)	po_0014	3F	300	5.2725	5.2725	1.0493	0.0176	OK
PX(all)	po_0015	3F	300	5.7537	5.7537	1.0217	0.0192	OK
PX(all)	po_0016	3F	300	6.3088	6.3088	1.0244	0.021	NG
PX(all)	po_0017	3F	300	6.7843	6.7843	1.0185	0.0226	NG
PX(all)	po_0018	3F	300	7.2404	7.2404	1.0178	0.0241	NG
PX(all)	po_0019	3F	300	7.7009	7.7009	1.0169	0.0257	NG
PX(all)	po_0020	3F	300	8.1614	8.1614	1.0162	0.0272	NG
PX(all)	po_0001	2F	336	0.1704	0.1704	1.3551	0.0005	OK
PX(all)	po_0002	2F	336	0.3206	0.3206	1.4215	0.001	OK
PX(all)	po_0003	2F	336	0.4678	0.4678	1.4501	0.0014	OK
PX(all)	po_0004	2F	336	0.6054	0.6054	1.4782	0.0018	OK
PX(all)	po_0005	2F	336	0.7117	0.7117	1.5347	0.0021	OK
PX(all)	po_0006	2F	336	0.7981	0.7981	1.6041	0.0024	OK
PX(all)	po_0007	2F	336	0.8868	0.8868	1.6489	0.0026	OK
PX(all)	po_0008	2F	336	0.9389	0.9389	1.7168	0.0028	OK
PX(all)	po_0009	2F	336	0.9838	0.9838	1.7945	0.0029	OK
PX(all)	po_0010	2F	336	1.0279	1.0279	1.8618	0.0031	OK
PX(all)	po_0011	2F	336	1.0454	1.0454	1.9675	0.0031	OK
PX(all)	po_0012	2F	336	1.0599	1.0599	2.0751	0.0032	OK
PX(all)	po_0013	2F	336	1.1055	1.1055	2.1245	0.0033	OK
PX(all)	po_0014	2F	336	1.1041	1.1041	2.2407	0.0033	OK
PX(all)	po_0015	2F	336	1.1034	1.1034	2.3499	0.0033	OK
PX(all)	po_0016	2F	336	1.0671	1.0671	2.4954	0.0032	OK
PX(all)	po_0017	2F	336	1.0652	1.0652	2.5728	0.0032	OK
PX(all)	po_0018	2F	336	1.0741	1.0741	2.6112	0.0032	OK

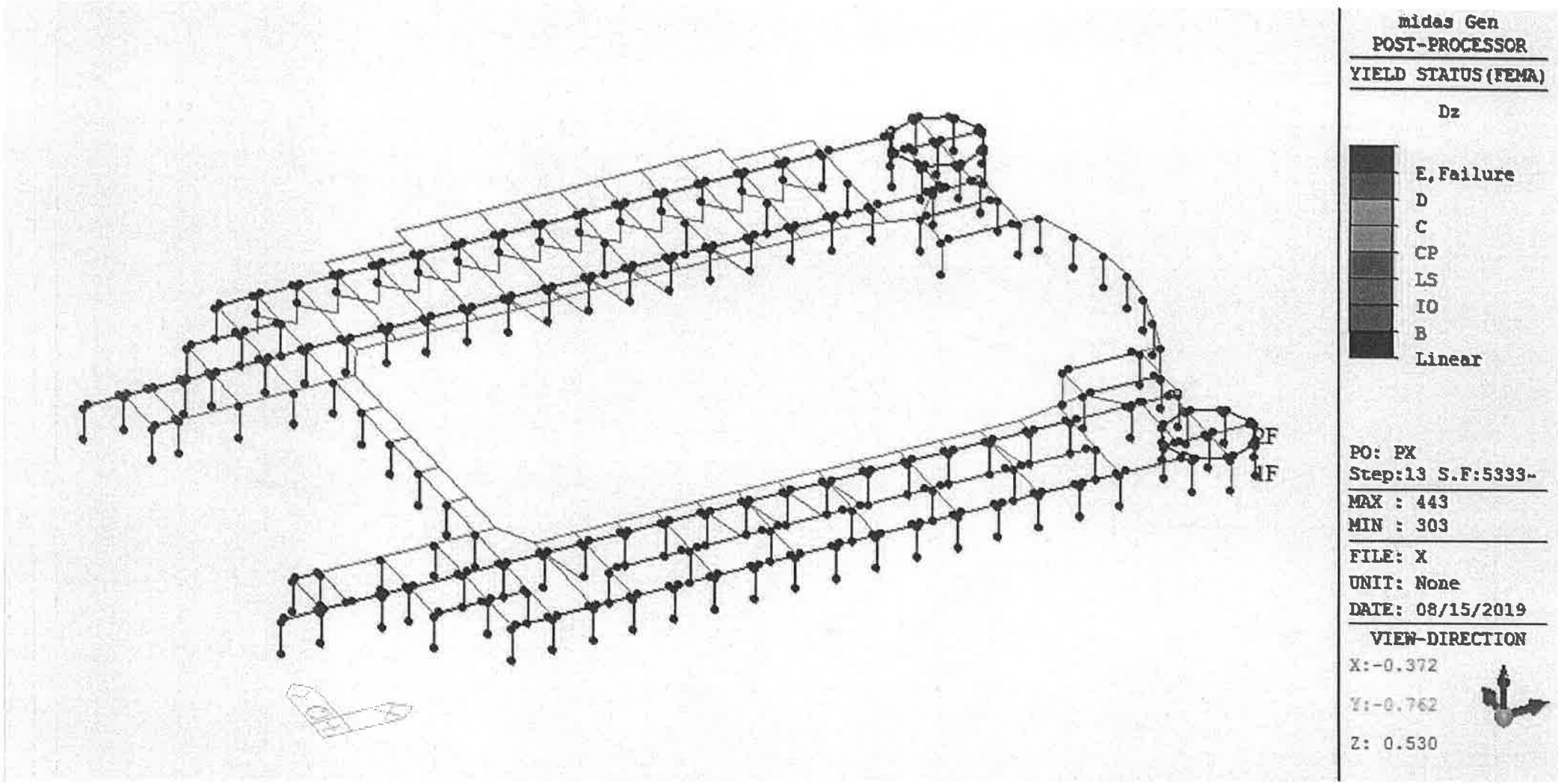
PX(all)	po_0019	2F	336	1.0807	1.0807	2.6424	0.0032	OK
PX(all)	po_0020	2F	336	1.0874	1.0874	2.6732	0.0032	OK
PX(all)	po_0001	1F	300	0.1	0.1	1.0701	0.0003	OK
PX(all)	po_0002	1F	300	0.182	0.182	1.0707	0.0006	OK
PX(all)	po_0003	1F	300	0.2627	0.2627	1.0709	0.0009	OK
PX(all)	po_0004	1F	300	0.3352	0.3352	1.0709	0.0011	OK
PX(all)	po_0005	1F	300	0.3914	0.3914	1.0746	0.0013	OK
PX(all)	po_0006	1F	300	0.4442	0.4442	1.0823	0.0015	OK
PX(all)	po_0007	1F	300	0.4989	0.4989	1.0611	0.0017	OK
PX(all)	po_0008	1F	300	0.5291	0.5291	1.0592	0.0018	OK
PX(all)	po_0009	1F	300	0.5611	0.5611	1.0522	0.0019	OK
PX(all)	po_0010	1F	300	0.5757	0.5757	1.0519	0.0019	OK
PX(all)	po_0011	1F	300	0.5869	0.5869	1.0518	0.002	OK
PX(all)	po_0012	1F	300	0.5966	0.5966	1.0517	0.002	OK
PX(all)	po_0013	1F	300	0.6345	0.6345	1.0589	0.0021	OK
PX(all)	po_0014	1F	300	0.634	0.634	1.0585	0.0021	OK
PX(all)	po_0015	1F	300	0.633	0.633	1.0584	0.0021	OK
PX(all)	po_0016	1F	300	0.6119	0.6119	1.0584	0.002	OK
PX(all)	po_0017	1F	300	0.611	0.611	1.0584	0.002	OK
PX(all)	po_0018	1F	300	0.6167	0.6167	1.0584	0.0021	OK
PX(all)	po_0019	1F	300	0.6211	0.6211	1.0584	0.0021	OK
PX(all)	po_0020	1F	300	0.6255	0.6255	1.0583	0.0021	OK
PX(all)	po_0001	B1F	365	0.0033	0.0033	1.122	0	OK
PX(all)	po_0002	B1F	365	0.0061	0.0061	1.1181	0	OK
PX(all)	po_0003	B1F	365	0.0088	0.0088	1.1166	0	OK
PX(all)	po_0004	B1F	365	0.0113	0.0113	1.1161	0	OK
PX(all)	po_0005	B1F	365	0.0132	0.0132	1.1141	0	OK
PX(all)	po_0006	B1F	365	0.0147	0.0147	1.1093	0	OK
PX(all)	po_0007	B1F	365	0.016	0.016	1.1146	0	OK
PX(all)	po_0008	B1F	365	0.0167	0.0167	1.1142	0	OK
PX(all)	po_0009	B1F	365	0.0173	0.0173	1.1155	0	OK

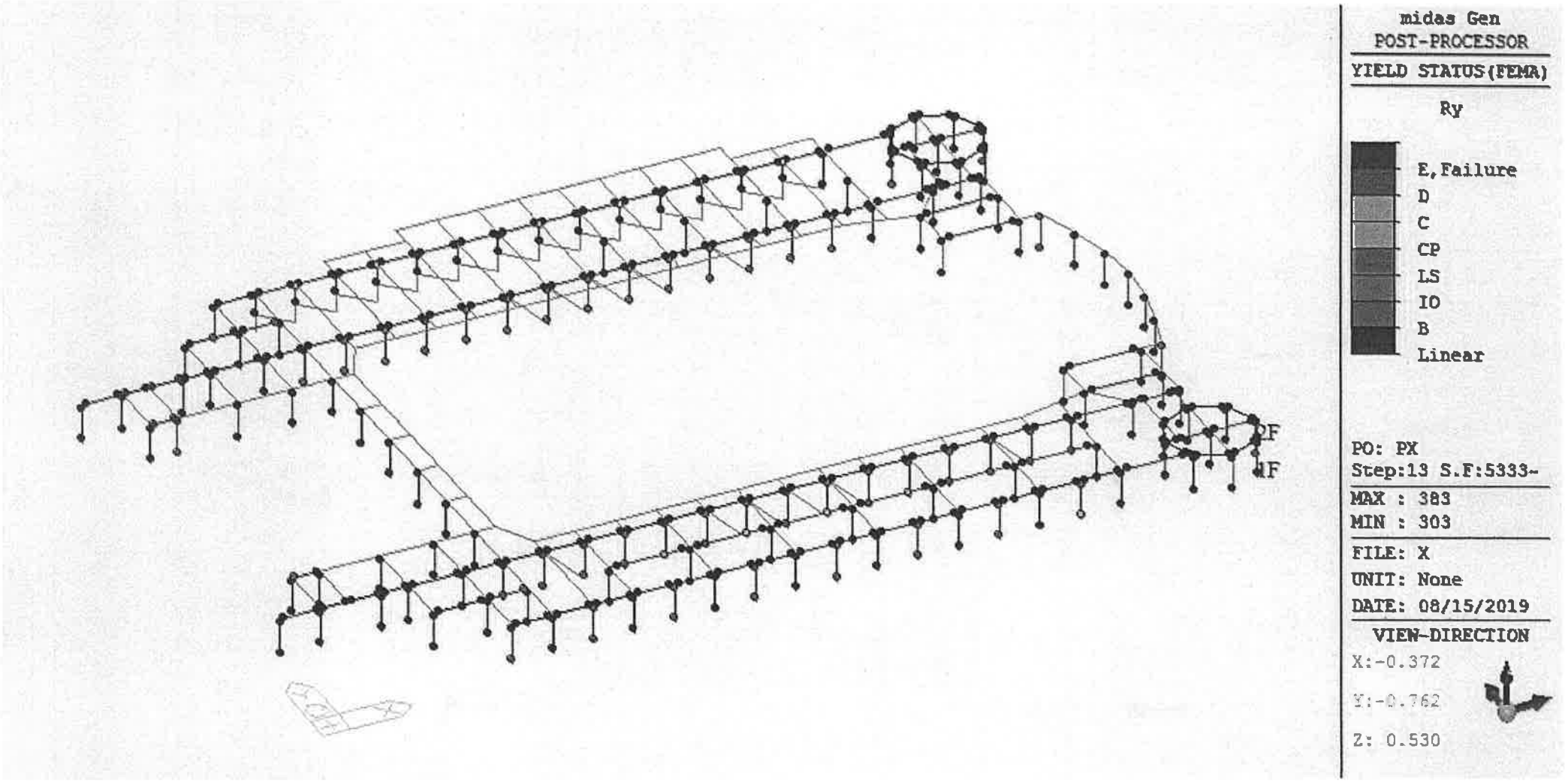
PX(all)	po_0010	B1F	365	0.0175	0.0175	1.115	0	OK
PX(all)	po_0011	B1F	365	0.0177	0.0177	1.1147	0	OK
PX(all)	po_0012	B1F	365	0.0179	0.0179	1.1144	0	OK
PX(all)	po_0013	B1F	365	0.0174	0.0174	1.1012	0	OK
PX(all)	po_0014	B1F	365	0.0173	0.0173	1.1014	0	OK
PX(all)	po_0015	B1F	365	0.0173	0.0173	1.1015	0	OK
PX(all)	po_0016	B1F	365	0.0167	0.0167	1.1016	0	OK
PX(all)	po_0017	B1F	365	0.0167	0.0167	1.1016	0	OK
PX(all)	po_0018	B1F	365	0.0168	0.0168	1.1016	0	OK
PX(all)	po_0019	B1F	365	0.0169	0.0169	1.1016	0	OK
PX(all)	po_0020	B1F	365	0.0171	0.0171	1.1016	0	OK

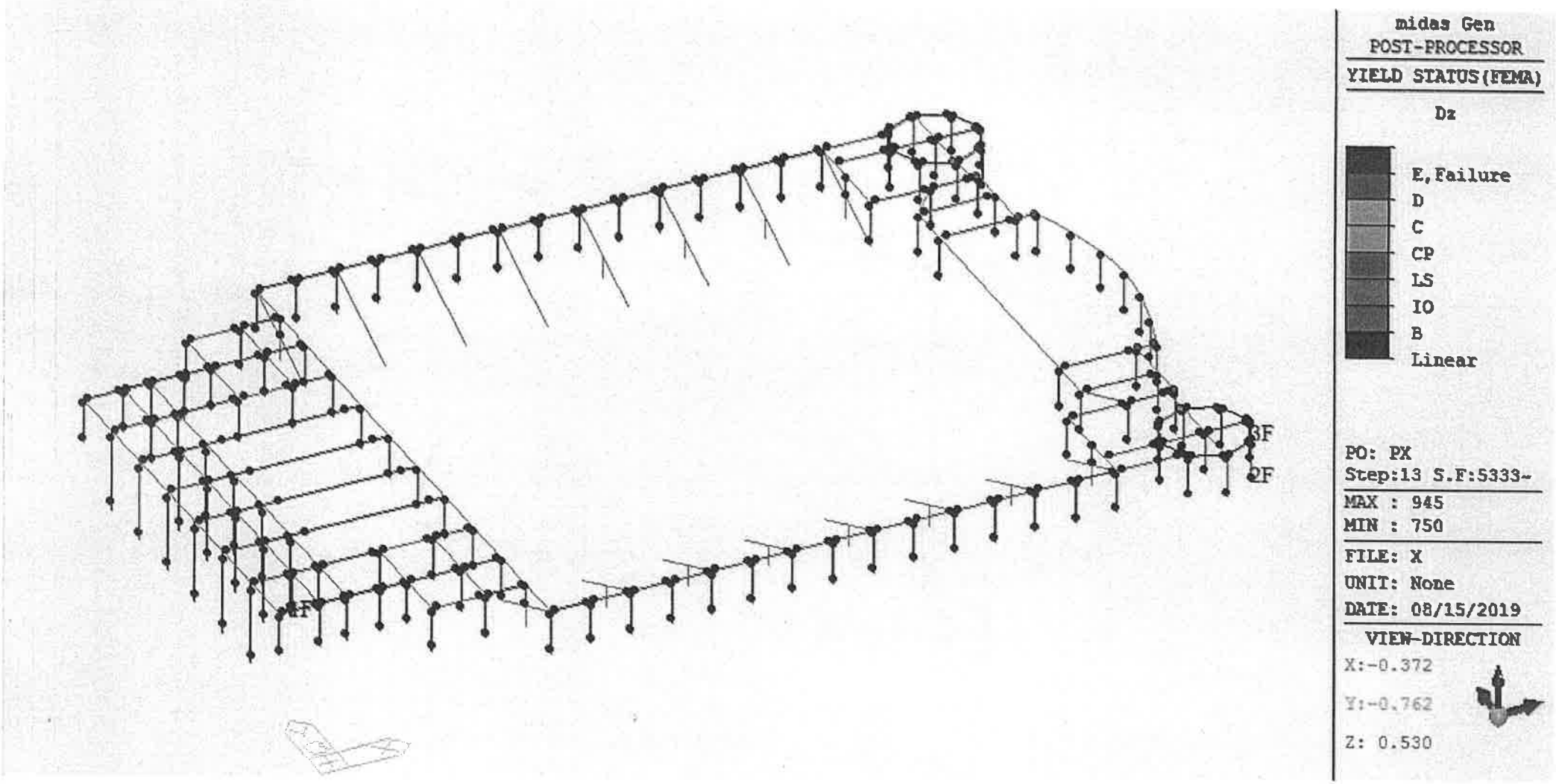

B1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333~
MAX : 9
MIN : 9
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530

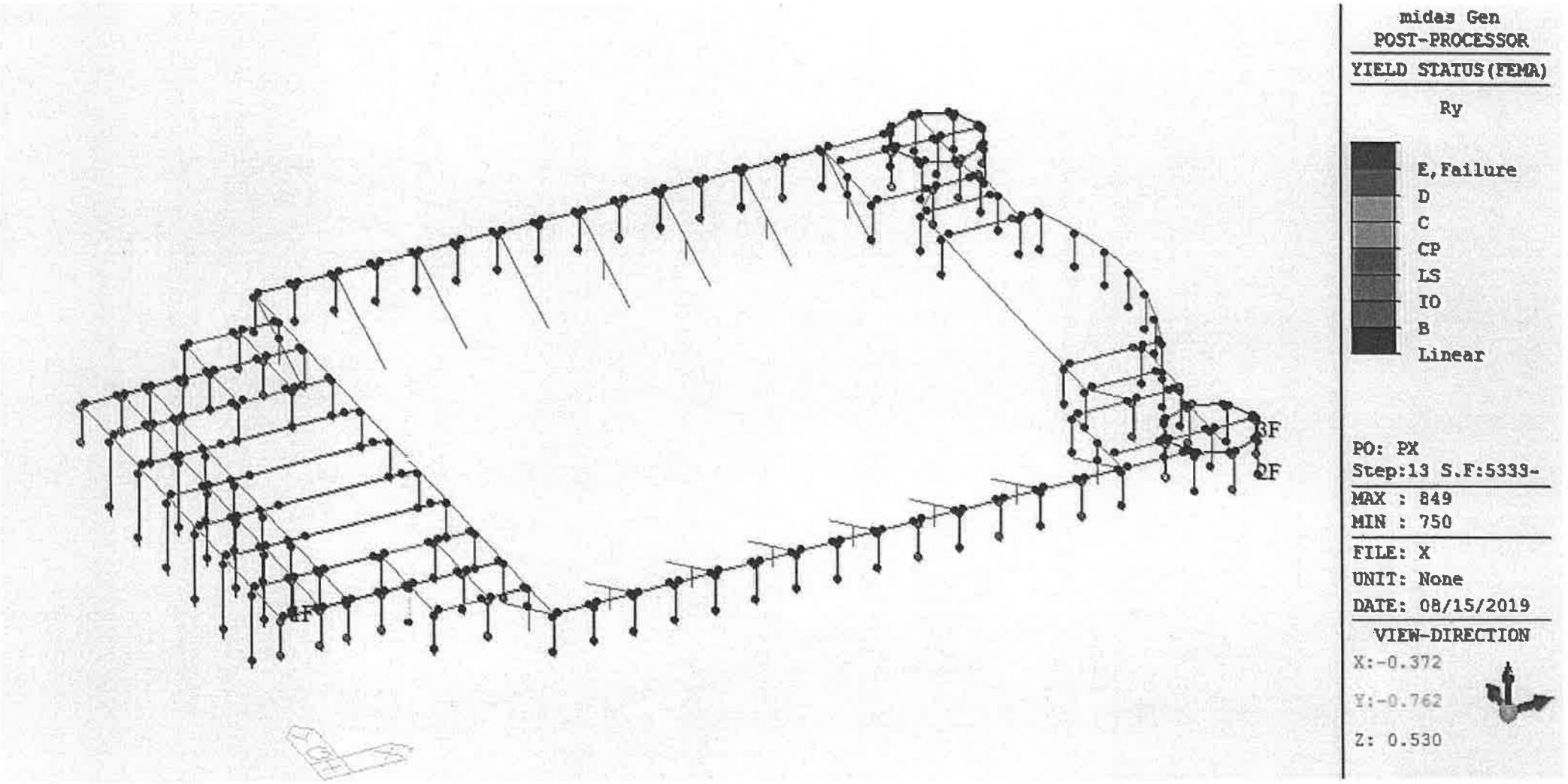

B1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 101
MIN : 9
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530

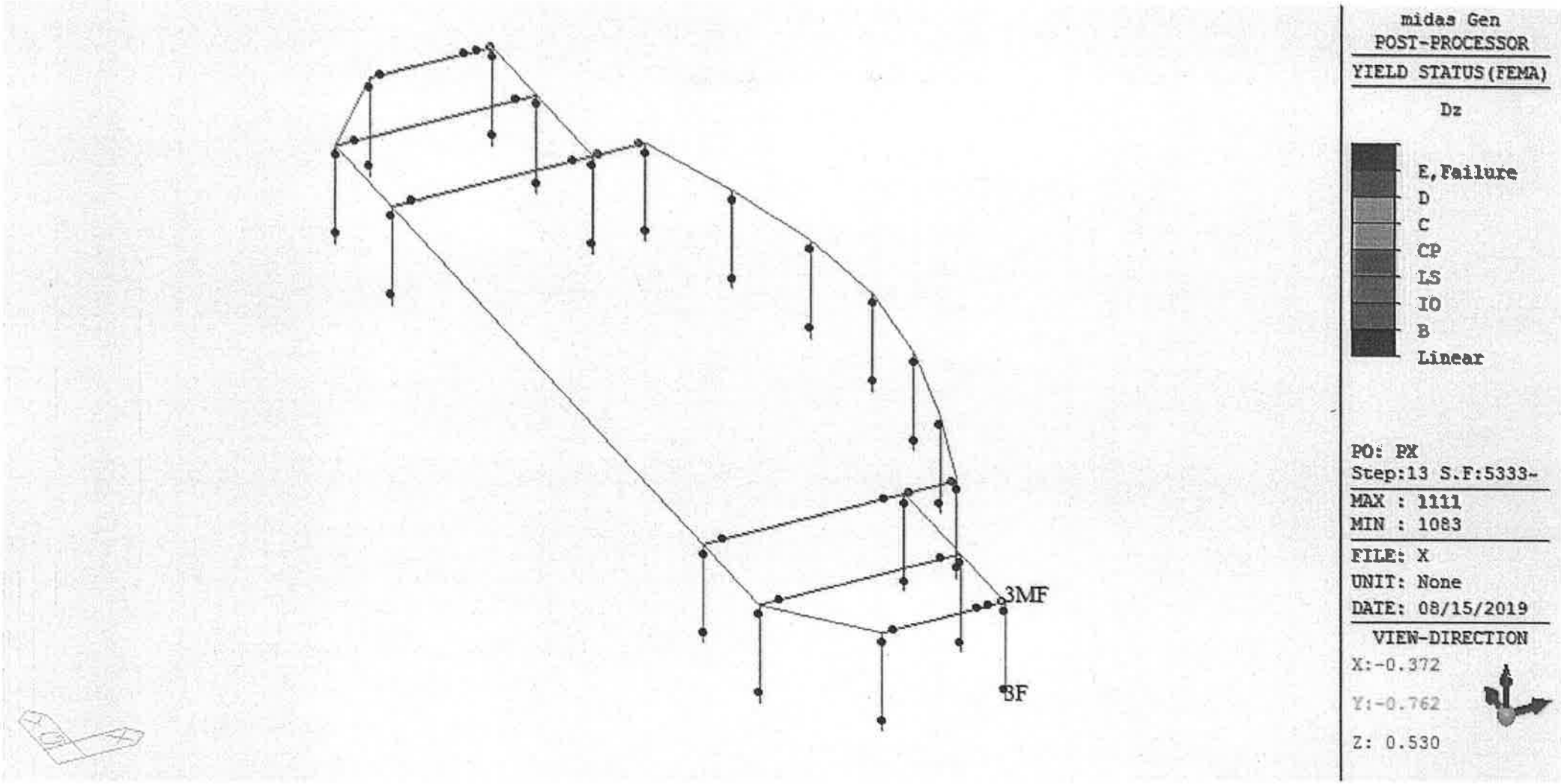

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dx
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 1182
MIN : 1182
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.357
Y:-0.784
Z: 0.508

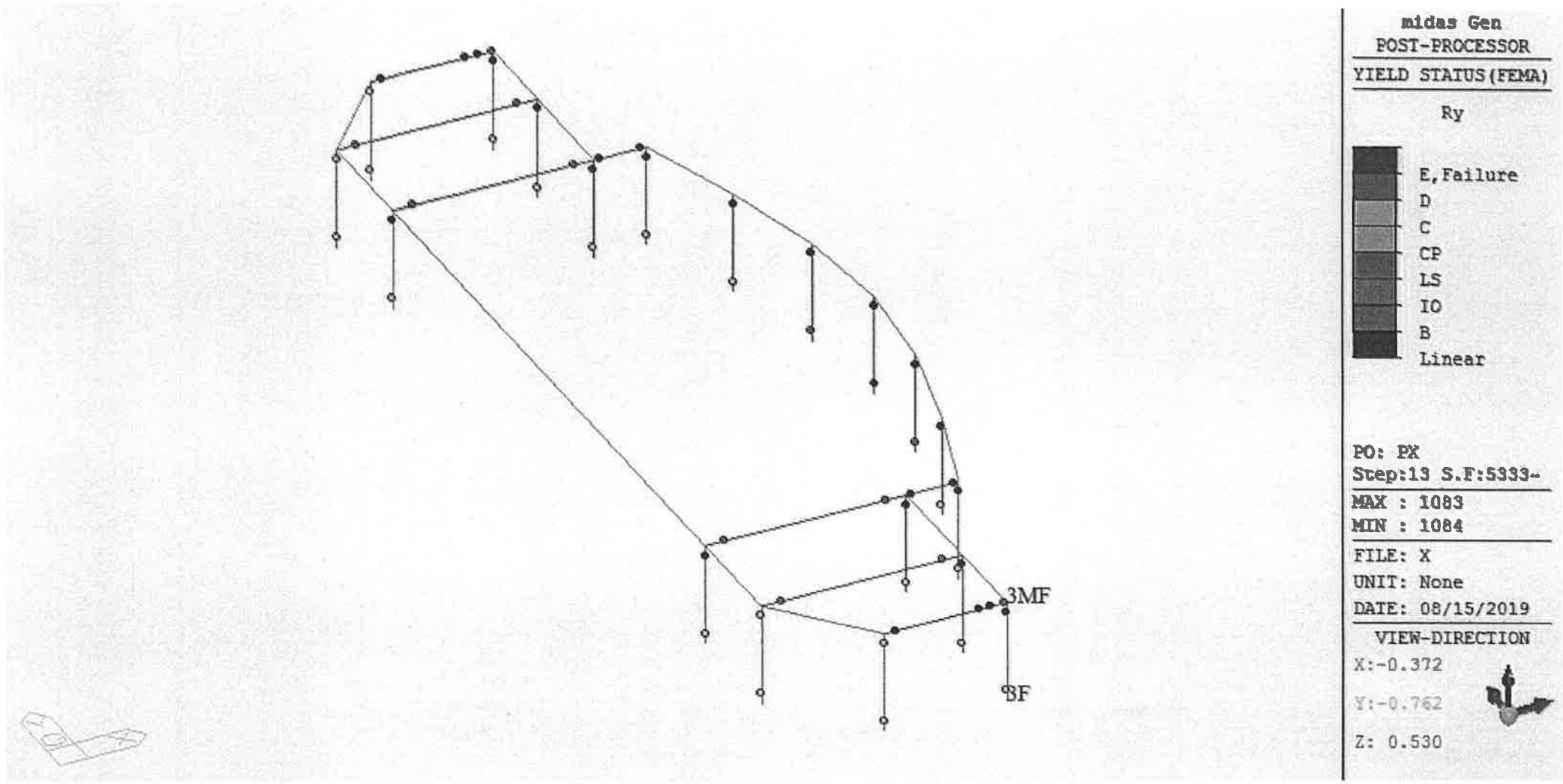

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 443
MIN : 303
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530

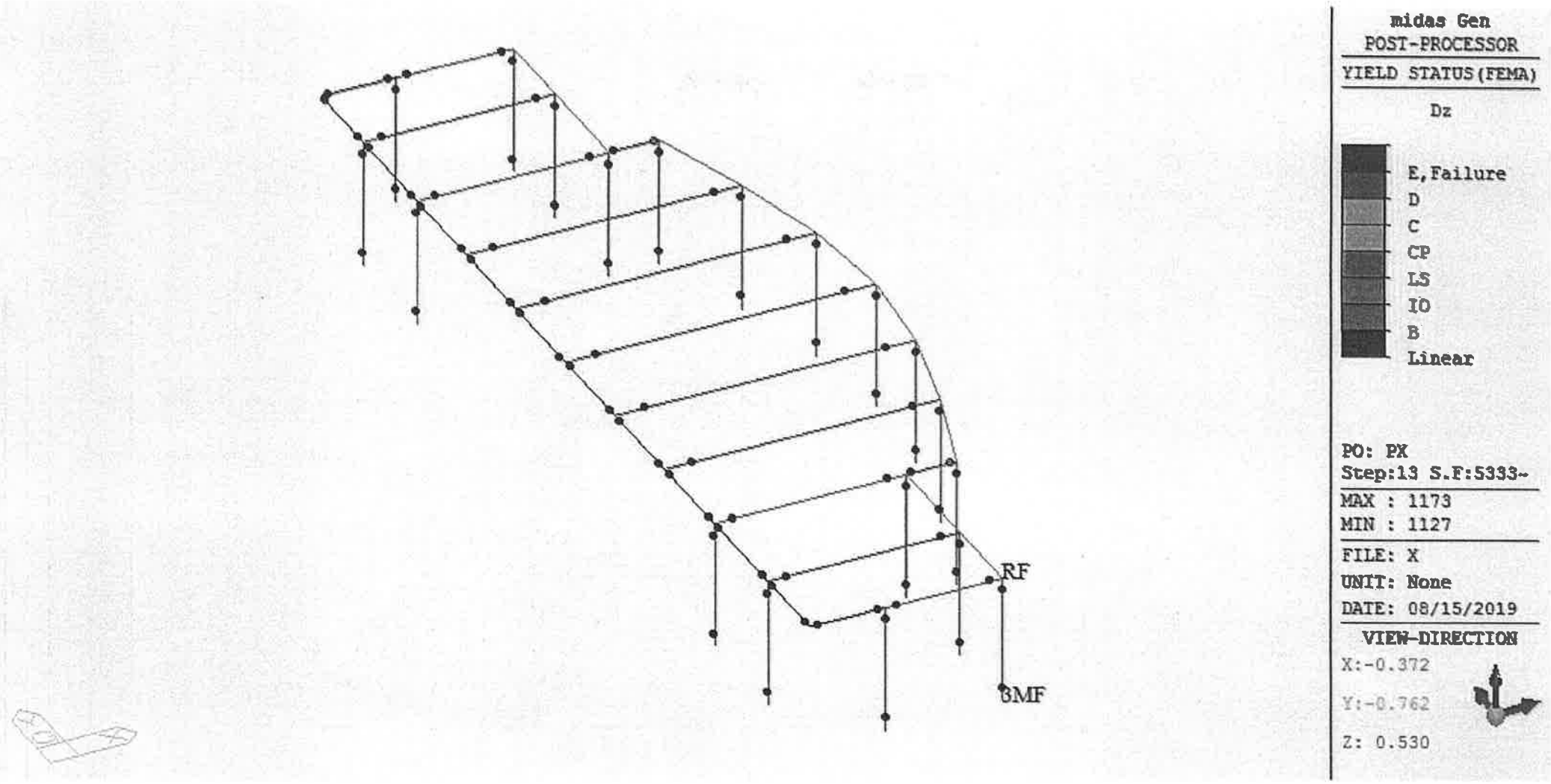

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 383
MIN : 303
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530

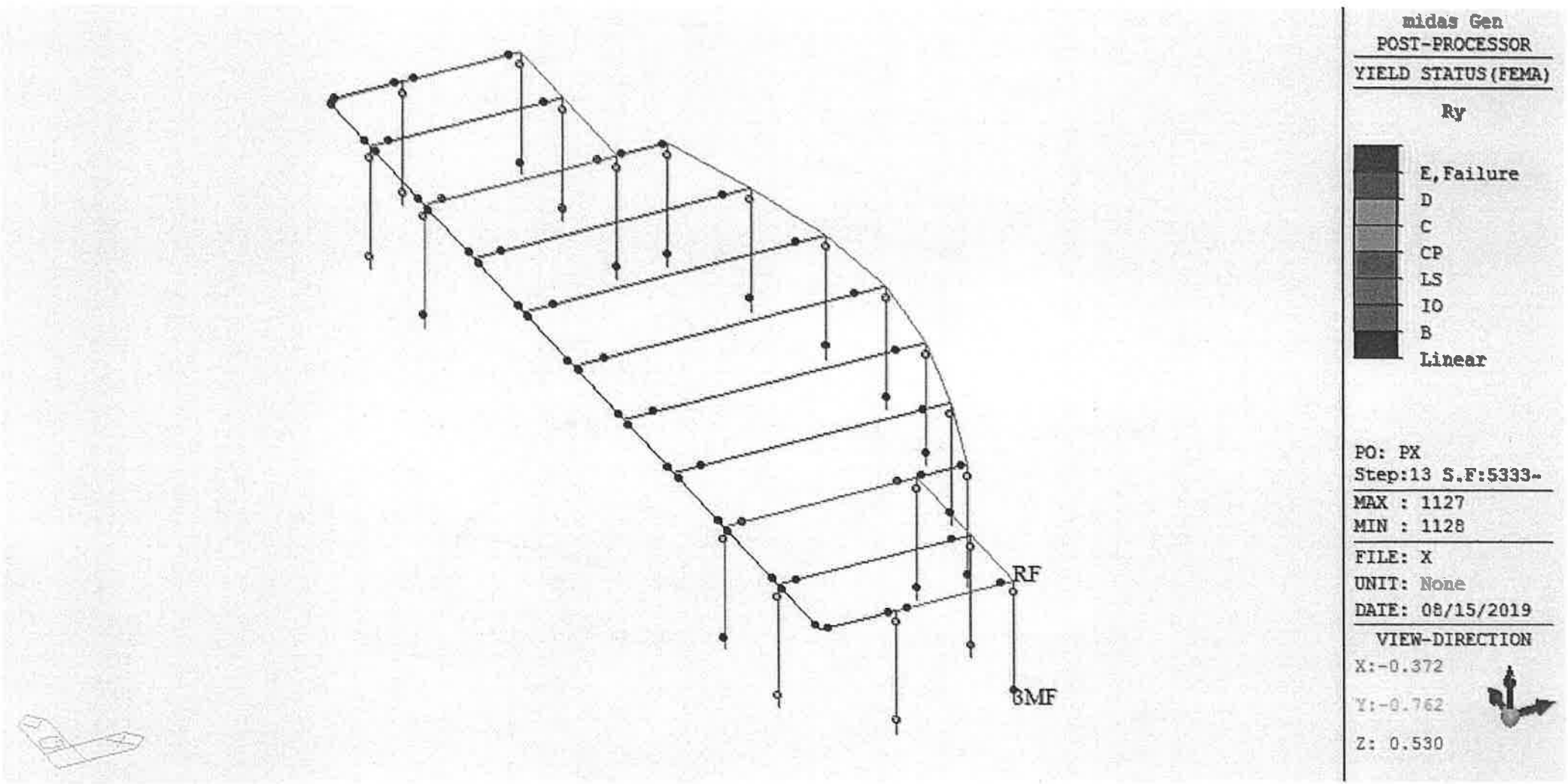

3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333~
MAX : 945
MIN : 750
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530


3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 849
MIN : 750
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530


3MF
BF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 1111
MIN : 1083
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530


3MF
BF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 1083
MIN : 1084
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530


RF
BMF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 1173
MIN : 1127
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530


midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PX
Step:13 S.F:5333-
MAX : 1127
MIN : 1128
FILE: X
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.372
Y:-0.762
Z: 0.530
RF
BMF

$ PGA CALCULATION

Cofficient k = 0.33

$ Number of floor = 5

$Weight	Height
254414	0.0082
98883	0.0021
1744127	0.0166
1559501	0.0066
1514215	0.0005

$ SITE SPECTRUM PARAMETER

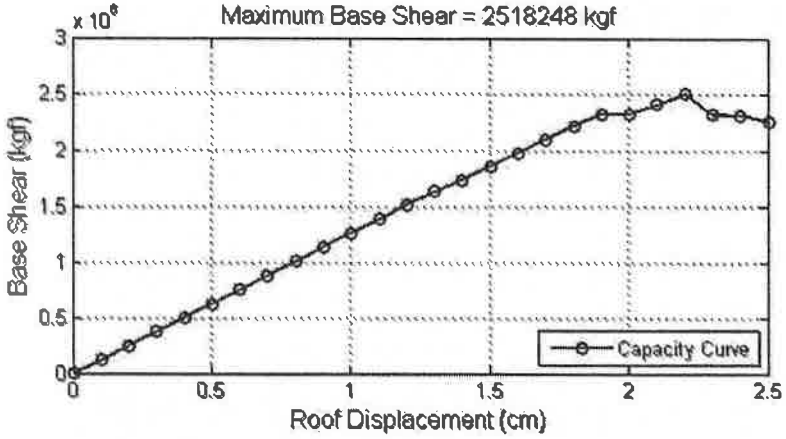
$S_DS	S_D1
0.8	0.675

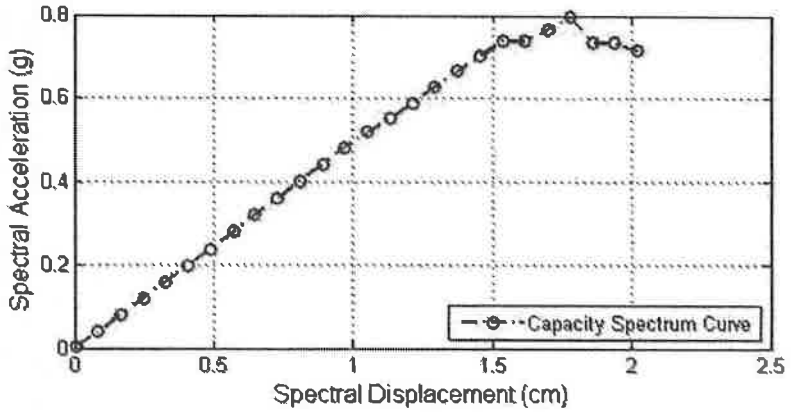
ALPHA = 0.610721

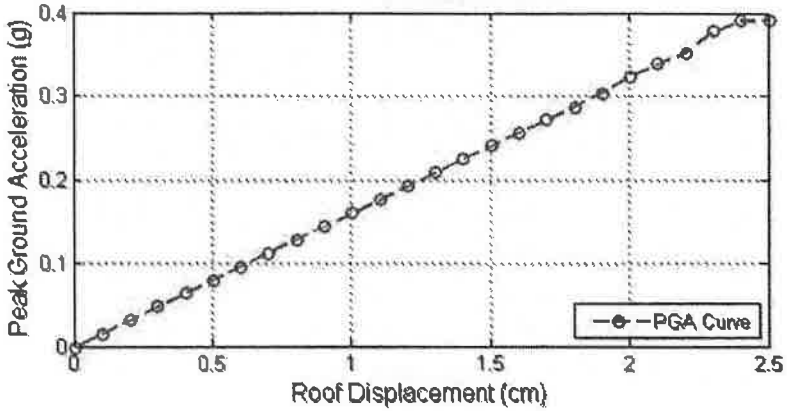
PF* = 74.6669

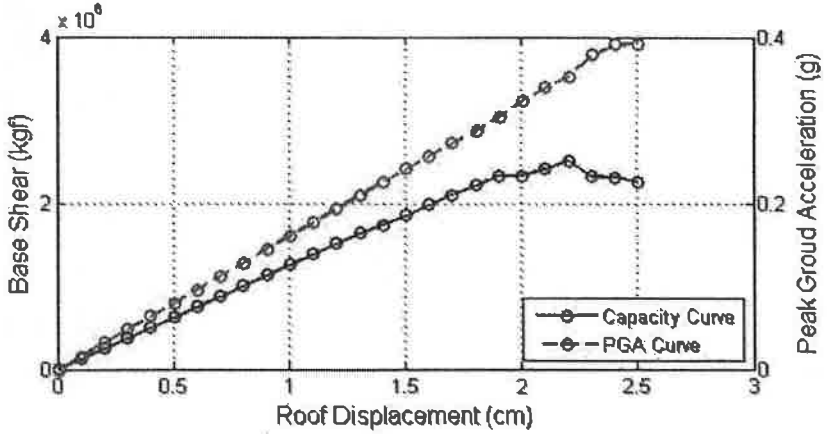
$ PGA DATA

$S_a	S_d	A_e	BETA_0	BETA_eq	T_e	T_0	B_s	B_1	Force	Disp.	A_p
0.00401968	0	0	0	0.05	0	0	0	0	12695	0	0
0.0401968	0.08068	0.0017837	0	0.05	0.284205	0.84375	1	1	126946	0.1	0.016079
0.0803936	0.161359	0.0066483	0.015916	0.055252	0.284205	0.850659	1.03466	1.02626	253893	0.2	0.033272
0.12059	0.242039	0.0147559	0.007074	0.052335	0.284205	0.846865	1.01541	1.01167	380838	0.3	0.048979
0.160787	0.322719	0.0261066	0.003979	0.051313	0.284205	0.845511	1.00867	1.00657	507785	0.4	0.064872
0.200984	0.403398	0.0407004	0.002546	0.05084	0.284205	0.84488	1.00555	1.0042	634731	0.5	0.080839
0.24118	0.484078	0.0585372	0.001768	0.050584	0.284205	0.844535	1.00385	1.00292	761678	0.6	0.096844
0.281377	0.564757	0.0796171	0.001299	0.050429	0.284205	0.844327	1.00283	1.00214	888624	0.7	0.112869
0.321571	0.645437	0.10394	0.001	0.05033	0.284207	0.844195	1.00218	1.00165	1015560	0.8	0.128909
0.361711	0.726117	0.131503	0.000878	0.05029	0.284229	0.844141	1.00191	1.00145	1142330	0.9	0.144961
0.401737	0.806796	0.162301	0.000945	0.050312	0.284286	0.84417	1.00206	1.00156	1268740	1	0.161026
0.441634	0.887476	0.196322	0.001144	0.050378	0.284376	0.844259	1.00249	1.00189	1394740	1.1	0.177094
0.481478	0.968156	0.23356	0.001331	0.050439	0.284465	0.844342	1.0029	1.0022	1520570	1.2	0.19315
0.51941	1.04884	0.273936	0.003619	0.051194	0.285065	0.845353	1.00788	1.00597	1640360	1.3	0.209401
0.551928	1.12951	0.317154	0.011127	0.053672	0.286979	0.848618	1.02424	1.01836	1743060	1.4	0.226122
0.589743	1.21019	0.363208	0.01134	0.053742	0.28737	0.848709	1.0247	1.01871	1862480	1.5	0.241724
0.628452	1.29087	0.41235	0.010553	0.053483	0.287509	0.848371	1.02298	1.01741	1984730	1.6	0.257159
0.666687	1.37155	0.464596	0.0103	0.053399	0.287734	0.848262	1.02243	1.017	2105480	1.7	0.272657
0.704117	1.45223	0.519894	0.010737	0.053543	0.288099	0.84845	1.02338	1.01772	2223690	1.8	0.288233
0.739644	1.53291	0.578135	0.012611	0.054162	0.288797	0.849253	1.02747	1.02081	2335890	1.9	0.303984
0.739447	1.61359	0.637801	0.043984	0.064515	0.296339	0.862019	1.0958	1.07257	2335260	2	0.324114
0.76683	1.69427	0.698564	0.047976	0.065832	0.298186	0.863555	1.10449	1.07916	2421740	2.1	0.338783
0.797387	1.77495	0.761664	0.048581	0.066032	0.299298	0.863787	1.10581	1.08016	2518250	2.2	0.352703
0.736232	1.85563	0.82353	0.130889	0.093193	0.318481	0.891704	1.28508	1.21597	2325110	2.3	0.378445
0.735753	1.93631	0.88291	0.152457	0.100311	0.325437	0.897758	1.33084	1.25078	2323600	2.4	0.391668
0.717203	2.01699	0.941522	0.192075	0.113385	0.336416	0.898102	1.36614	1.28346	2265020	2.5	0.39192


Maximum Base Shear = 2518248 kgf
x 10^6
Base Shear (kgf)
Roof Displacement (cm)
Capacity Curve


Spectral Acceleration (g)
Spectral Displacement (cm)
Capacity Spectrum Curve


Peak Ground Acceleration (g)
Roof Displacement (cm)
PGA Curve


x 10^6
Base Shear (kgf)
Peak Groud Acceleration (g)
Roof Displacement (cm)
Capacity Curve
PGA Curve

Drift(Y)

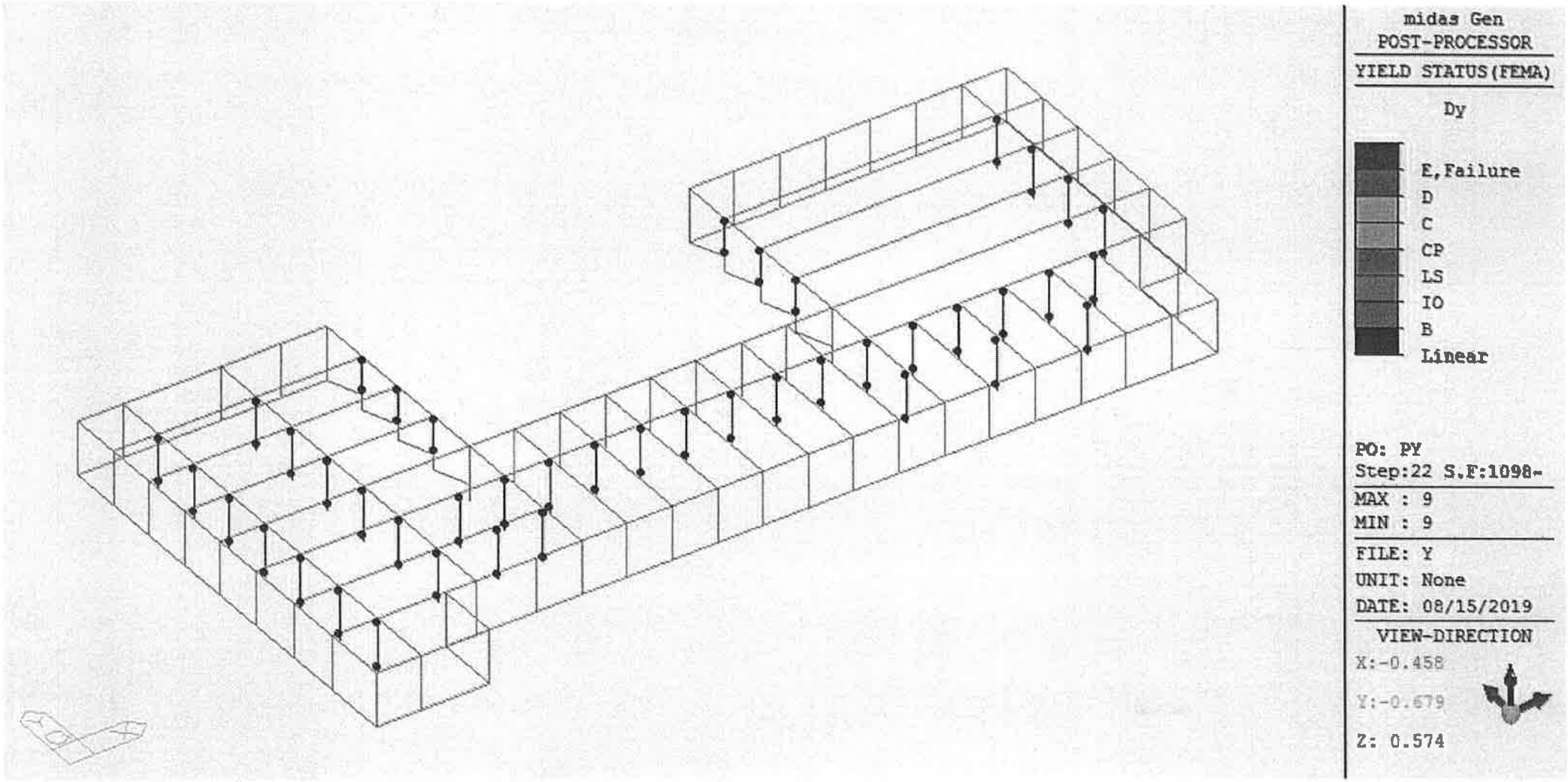
Load Case	Step	Story	Story Height (cm)	Drift at the Center of Mass				
				Story Drift (cm)	Modified Drift (cm)	Drift Factor (Maximum/Current)	Story Drift Ratio	Remark
RMC,Not Used, Cd=1, Ie=1.25, Scale Factor=1, Allowable Ratio=0.02								
PY(all)	po_0001	3MF	394	0.0293	0.0293	1.2372	0.0001	OK
PY(all)	po_0002	3MF	394	0.0585	0.0585	1.2372	0.0001	OK
PY(all)	po_0003	3MF	394	0.0878	0.0878	1.2372	0.0002	OK
PY(all)	po_0004	3MF	394	0.117	0.117	1.2372	0.0003	OK
PY(all)	po_0005	3MF	394	0.1463	0.1463	1.2372	0.0004	OK
PY(all)	po_0006	3MF	394	0.1756	0.1756	1.2372	0.0004	OK
PY(all)	po_0007	3MF	394	0.2048	0.2048	1.2372	0.0005	OK
PY(all)	po_0008	3MF	394	0.2341	0.2341	1.2373	0.0006	OK
PY(all)	po_0009	3MF	394	0.2633	0.2633	1.2375	0.0007	OK
PY(all)	po_0010	3MF	394	0.2923	0.2923	1.2378	0.0007	OK
PY(all)	po_0011	3MF	394	0.3213	0.3213	1.2382	0.0008	OK
PY(all)	po_0012	3MF	394	0.3502	0.3502	1.2386	0.0009	OK
PY(all)	po_0013	3MF	394	0.3775	0.3775	1.2392	0.001	OK
PY(all)	po_0014	3MF	394	0.4002	0.4002	1.2407	0.001	OK
PY(all)	po_0015	3MF	394	0.4273	0.4273	1.2415	0.0011	OK
PY(all)	po_0016	3MF	394	0.4551	0.4551	1.2424	0.0012	OK
PY(all)	po_0017	3MF	394	0.4824	0.4824	1.2434	0.0012	OK
PY(all)	po_0018	3MF	394	0.5093	0.5093	1.2442	0.0013	OK
PY(all)	po_0019	3MF	394	0.5336	0.5336	1.2489	0.0014	OK
PY(all)	po_0020	3MF	394	0.5504	0.5504	1.2686	0.0014	OK
PY(all)	po_0021	3MF	394	0.5696	0.5696	1.2628	0.0014	OK
PY(all)	po_0022	3MF	394	0.5911	0.5911	1.2608	0.0015	OK
PY(all)	po_0023	3MF	394	0.6618	0.6618	1.1995	0.0017	OK
PY(all)	po_0024	3MF	394	0.698	0.698	1.2175	0.0018	OK
PY(all)	po_0025	3MF	394	0.7287	0.7287	1.2184	0.0018	OK
PY(all)	po_0001	3F	300	0.0167	0.0167	2.5152	0.0001	OK

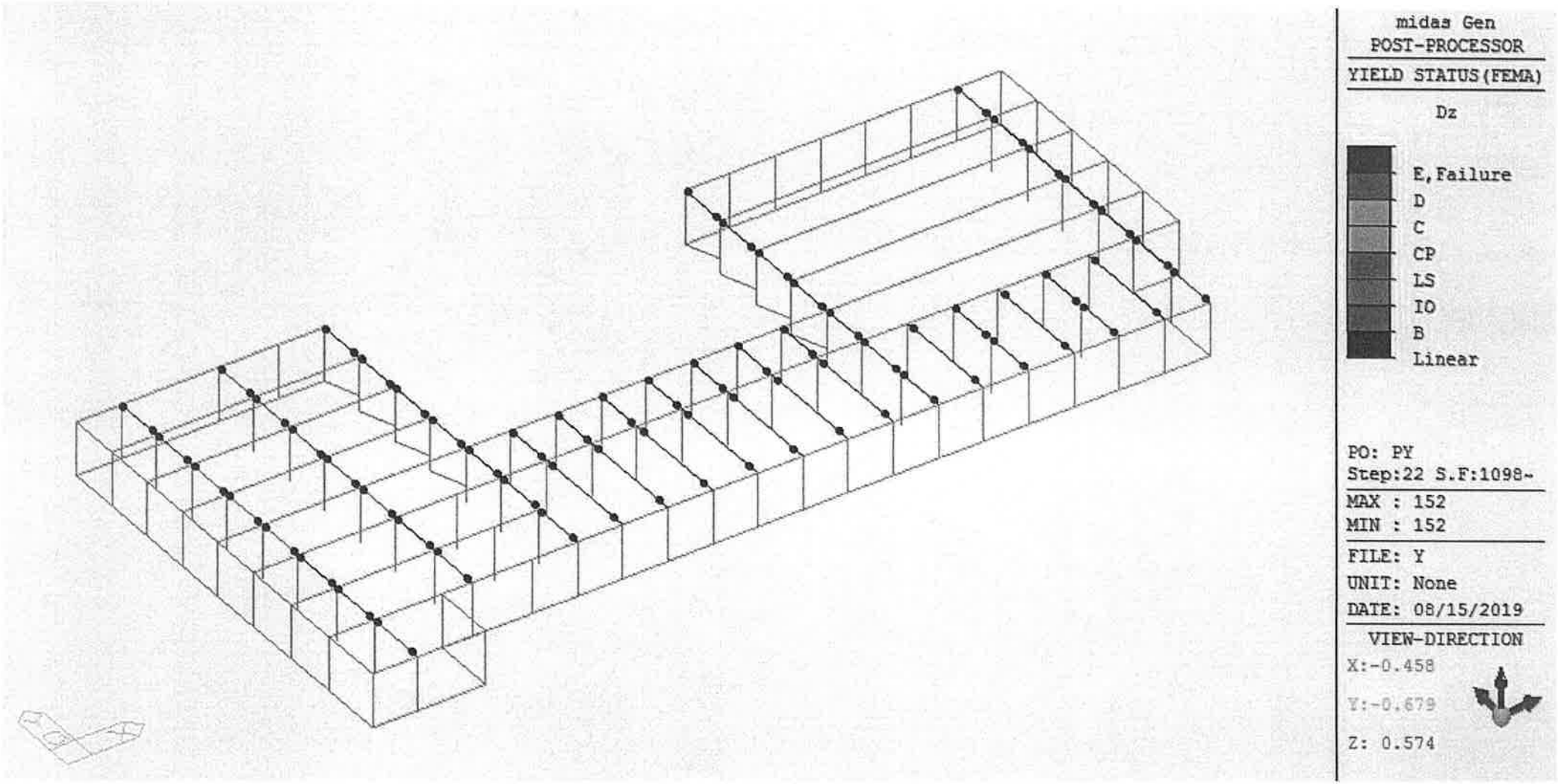
PY(all)	po_0002	3F	300	0.0334	0.0334	2.5152	0.0001	OK
PY(all)	po_0003	3F	300	0.0501	0.0501	2.5152	0.0002	OK
PY(all)	po_0004	3F	300	0.0668	0.0668	2.5152	0.0002	OK
PY(all)	po_0005	3F	300	0.0835	0.0835	2.5152	0.0003	OK
PY(all)	po_0006	3F	300	0.1002	0.1002	2.5152	0.0003	OK
PY(all)	po_0007	3F	300	0.1169	0.1169	2.5152	0.0004	OK
PY(all)	po_0008	3F	300	0.1337	0.1337	2.5145	0.0004	OK
PY(all)	po_0009	3F	300	0.1512	0.1512	2.5061	0.0005	OK
PY(all)	po_0010	3F	300	0.1695	0.1695	2.4916	0.0006	OK
PY(all)	po_0011	3F	300	0.1882	0.1882	2.4775	0.0006	OK
PY(all)	po_0012	3F	300	0.2068	0.2068	2.4662	0.0007	OK
PY(all)	po_0013	3F	300	0.2192	0.2192	2.4955	0.0007	OK
PY(all)	po_0014	3F	300	0.2144	0.2144	2.6363	0.0007	OK
PY(all)	po_0015	3F	300	0.2293	0.2293	2.6371	0.0008	OK
PY(all)	po_0016	3F	300	0.2505	0.2505	2.5973	0.0008	OK
PY(all)	po_0017	3F	300	0.2728	0.2728	2.5559	0.0009	OK
PY(all)	po_0018	3F	300	0.2945	0.2945	2.5227	0.001	OK
PY(all)	po_0019	3F	300	0.3396	0.3396	2.3898	0.0011	OK
PY(all)	po_0020	3F	300	0.2833	0.2833	2.7947	0.0009	OK
PY(all)	po_0021	3F	300	0.2562	0.2562	3.0303	0.0009	OK
PY(all)	po_0022	3F	300	0.2565	0.2565	3.0884	0.0009	OK
PY(all)	po_0023	3F	300	0.0878	0.0878	8.3357	0.0003	OK
PY(all)	po_0024	3F	300	0.0333	0.0333	22.2734	0.0001	OK
PY(all)	po_0025	3F	300	0.0338	0.0338	22.8532	0.0001	OK
PY(all)	po_0001	2F	336	0.039	0.039	1.141	0.0001	OK
PY(all)	po_0002	2F	336	0.0779	0.0779	1.141	0.0002	OK
PY(all)	po_0003	2F	336	0.1169	0.1169	1.141	0.0003	OK
PY(all)	po_0004	2F	336	0.1558	0.1558	1.141	0.0005	OK
PY(all)	po_0005	2F	336	0.1948	0.1948	1.141	0.0006	OK
PY(all)	po_0006	2F	336	0.2337	0.2337	1.141	0.0007	OK
PY(all)	po_0007	2F	336	0.2727	0.2727	1.141	0.0008	OK

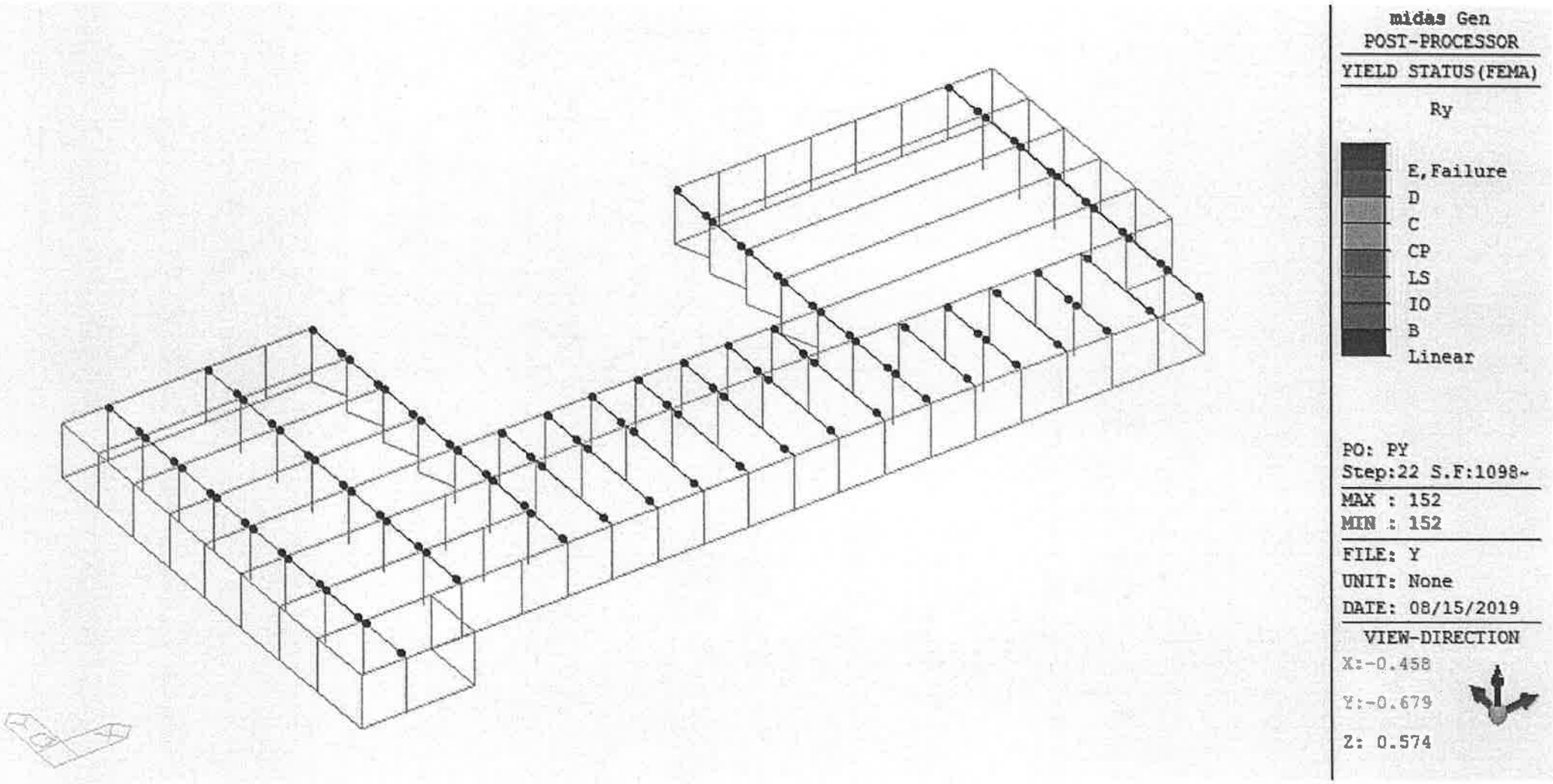
PY(all)	po_0008	2F	336	0.3117	0.3117	1.141	0.0009	OK
PY(all)	po_0009	2F	336	0.3508	0.3508	1.1404	0.001	OK
PY(all)	po_0010	2F	336	0.3902	0.3902	1.1401	0.0012	OK
PY(all)	po_0011	2F	336	0.4298	0.4298	1.1401	0.0013	OK
PY(all)	po_0012	2F	336	0.4694	0.4694	1.1402	0.0014	OK
PY(all)	po_0013	2F	336	0.509	0.509	1.1362	0.0015	OK
PY(all)	po_0014	2F	336	0.5488	0.5488	1.1218	0.0016	OK
PY(all)	po_0015	2F	336	0.589	0.589	1.1188	0.0018	OK
PY(all)	po_0016	2F	336	0.6298	0.6298	1.1177	0.0019	OK
PY(all)	po_0017	2F	336	0.6709	0.6709	1.1167	0.002	OK
PY(all)	po_0018	2F	336	0.7113	0.7113	1.116	0.0021	OK
PY(all)	po_0019	2F	336	0.765	0.765	1.1276	0.0023	OK
PY(all)	po_0020	2F	336	0.7804	0.7804	1.1351	0.0023	OK
PY(all)	po_0021	2F	336	0.8079	0.8079	1.1325	0.0024	OK
PY(all)	po_0022	2F	336	0.8423	0.8423	1.1305	0.0025	OK
PY(all)	po_0023	2F	336	0.7779	0.7779	1.1335	0.0023	OK
PY(all)	po_0024	2F	336	0.78	0.78	1.1346	0.0023	OK
PY(all)	po_0025	2F	336	0.8113	0.8113	1.1346	0.0024	OK
PY(all)	po_0001	1F	300	0.0263	0.0263	1.4793	0.0001	OK
PY(all)	po_0002	1F	300	0.0526	0.0526	1.4793	0.0002	OK
PY(all)	po_0003	1F	300	0.0789	0.0789	1.4793	0.0003	OK
PY(all)	po_0004	1F	300	0.1052	0.1052	1.4793	0.0004	OK
PY(all)	po_0005	1F	300	0.1316	0.1316	1.4793	0.0004	OK
PY(all)	po_0006	1F	300	0.1579	0.1579	1.4793	0.0005	OK
PY(all)	po_0007	1F	300	0.1842	0.1842	1.4793	0.0006	OK
PY(all)	po_0008	1F	300	0.2105	0.2105	1.4794	0.0007	OK
PY(all)	po_0009	1F	300	0.2372	0.2372	1.4806	0.0008	OK
PY(all)	po_0010	1F	300	0.2642	0.2642	1.482	0.0009	OK
PY(all)	po_0011	1F	300	0.2912	0.2912	1.4828	0.001	OK
PY(all)	po_0012	1F	300	0.3183	0.3183	1.4832	0.0011	OK
PY(all)	po_0013	1F	300	0.3443	0.3443	1.4828	0.0011	OK

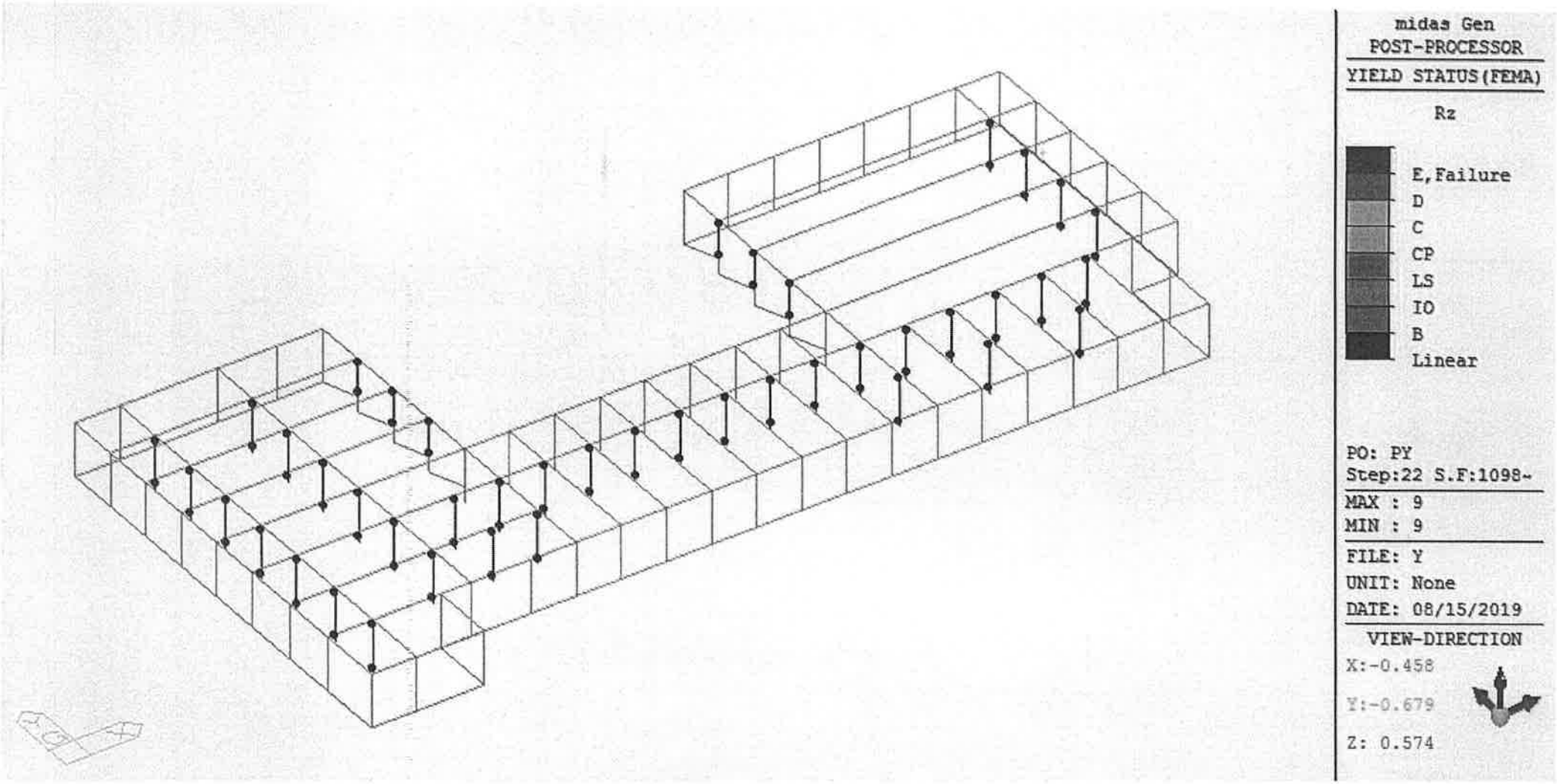
PY(all)	po_0014	1F	300	0.3672	0.3672	1.4804	0.0012	OK
PY(all)	po_0015	1F	300	0.3941	0.3941	1.482	0.0013	OK
PY(all)	po_0016	1F	300	0.4228	0.4228	1.4855	0.0014	OK
PY(all)	po_0017	1F	300	0.4525	0.4525	1.4884	0.0015	OK
PY(all)	po_0018	1F	300	0.4831	0.4831	1.489	0.0016	OK
PY(all)	po_0019	1F	300	0.5142	0.5142	1.4878	0.0017	OK
PY(all)	po_0020	1F	300	0.5311	0.5311	1.445	0.0018	OK
PY(all)	po_0021	1F	300	0.5614	0.5614	1.4118	0.0019	OK
PY(all)	po_0022	1F	300	0.5957	0.5957	1.3976	0.002	OK
PY(all)	po_0023	1F	300	0.5539	0.5539	1.3967	0.0018	OK
PY(all)	po_0024	1F	300	0.5555	0.5555	1.3967	0.0019	OK
PY(all)	po_0025	1F	300	0.5776	0.5776	1.397	0.0019	OK
PY(all)	po_0001	B1F	365	0.0023	0.0023	1.2162	0	OK
PY(all)	po_0002	B1F	365	0.0046	0.0046	1.2162	0	OK
PY(all)	po_0003	B1F	365	0.007	0.007	1.2162	0	OK
PY(all)	po_0004	B1F	365	0.0093	0.0093	1.2162	0	OK
PY(all)	po_0005	B1F	365	0.0116	0.0116	1.2162	0	OK
PY(all)	po_0006	B1F	365	0.0139	0.0139	1.2162	0	OK
PY(all)	po_0007	B1F	365	0.0162	0.0162	1.2162	0	OK
PY(all)	po_0008	B1F	365	0.0186	0.0186	1.2162	0.0001	OK
PY(all)	po_0009	B1F	365	0.0209	0.0209	1.2159	0.0001	OK
PY(all)	po_0010	B1F	365	0.0233	0.0233	1.2157	0.0001	OK
PY(all)	po_0011	B1F	365	0.0257	0.0257	1.2156	0.0001	OK
PY(all)	po_0012	B1F	365	0.0281	0.0281	1.2155	0.0001	OK
PY(all)	po_0013	B1F	365	0.0304	0.0304	1.2156	0.0001	OK
PY(all)	po_0014	B1F	365	0.0323	0.0323	1.216	0.0001	OK
PY(all)	po_0015	B1F	365	0.0347	0.0347	1.2159	0.0001	OK
PY(all)	po_0016	B1F	365	0.0372	0.0372	1.2158	0.0001	OK
PY(all)	po_0017	B1F	365	0.0398	0.0398	1.2157	0.0001	OK
PY(all)	po_0018	B1F	365	0.0424	0.0424	1.2163	0.0001	OK
PY(all)	po_0019	B1F	365	0.0449	0.0449	1.2179	0.0001	OK

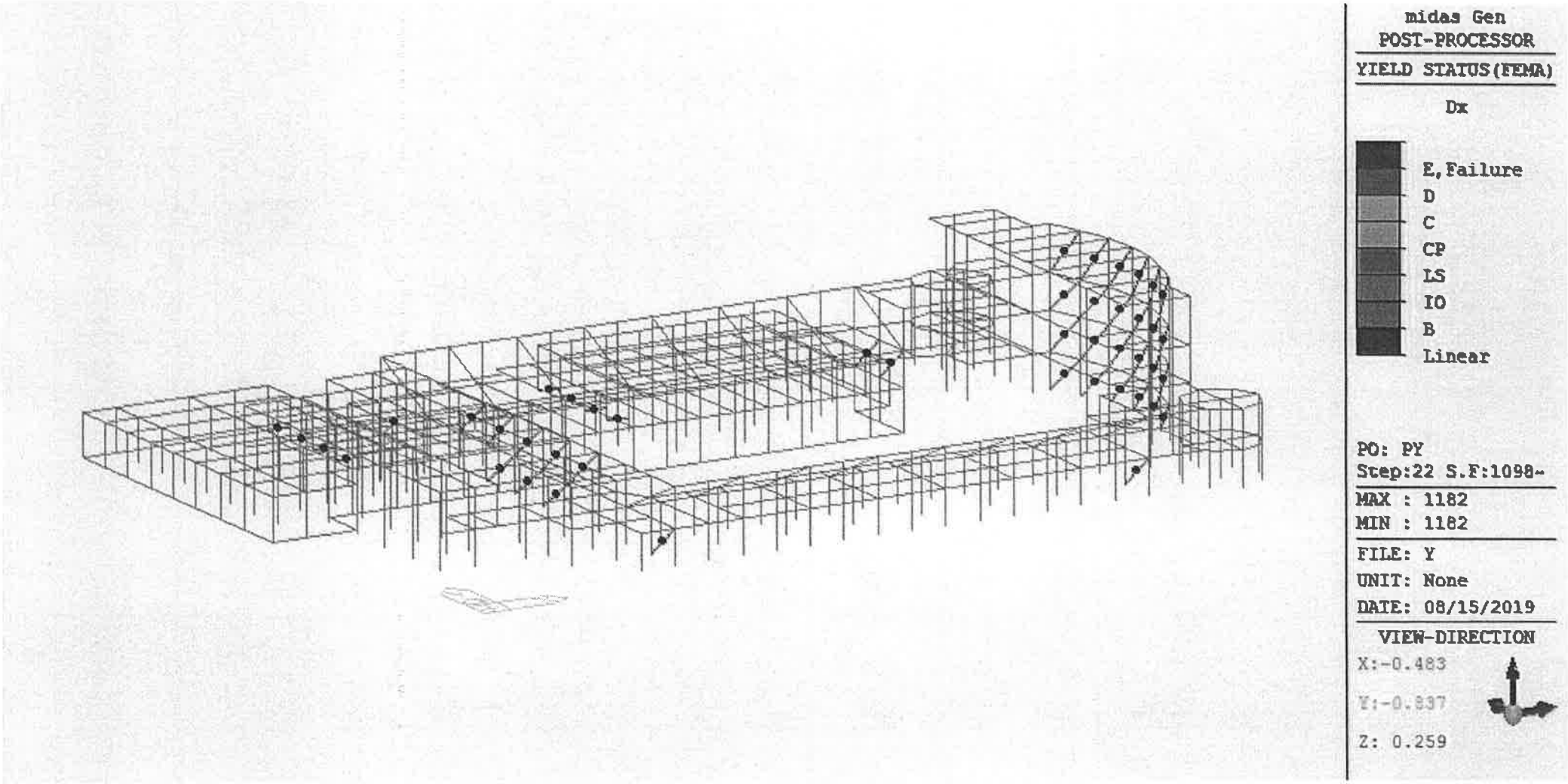
PY(all)	po_0020	B1F	365	0.0461	0.0461	1.2228	0.0001	OK
PY(all)	po_0021	B1F	365	0.0486	0.0486	1.226	0.0001	OK
PY(all)	po_0022	B1F	365	0.0512	0.0512	1.2278	0.0001	OK
PY(all)	po_0023	B1F	365	0.0475	0.0475	1.2281	0.0001	OK
PY(all)	po_0024	B1F	365	0.0476	0.0476	1.2281	0.0001	OK
PY(all)	po_0025	B1F	365	0.0495	0.0495	1.2281	0.0001	OK

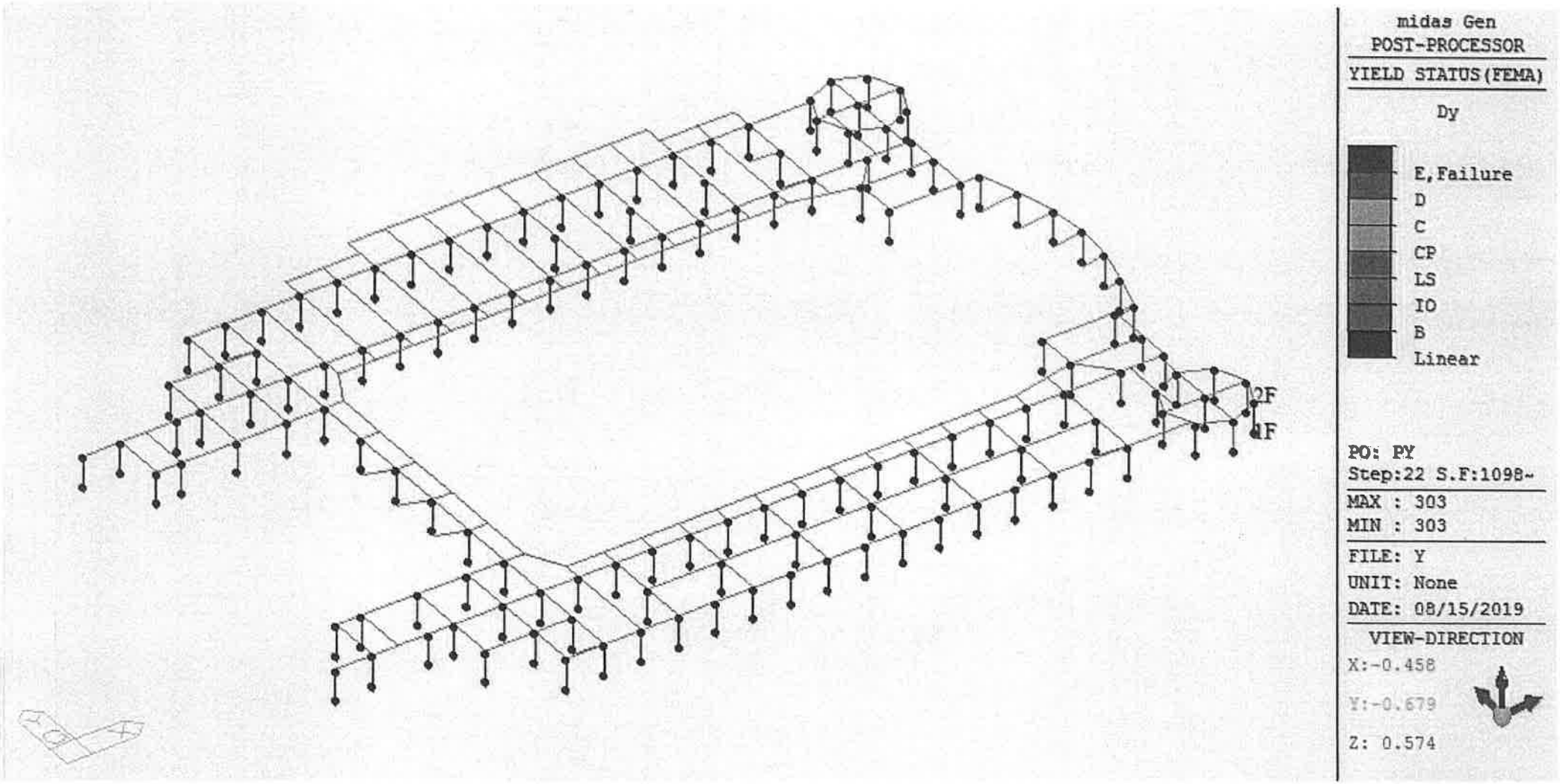

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 9
MIN : 9
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

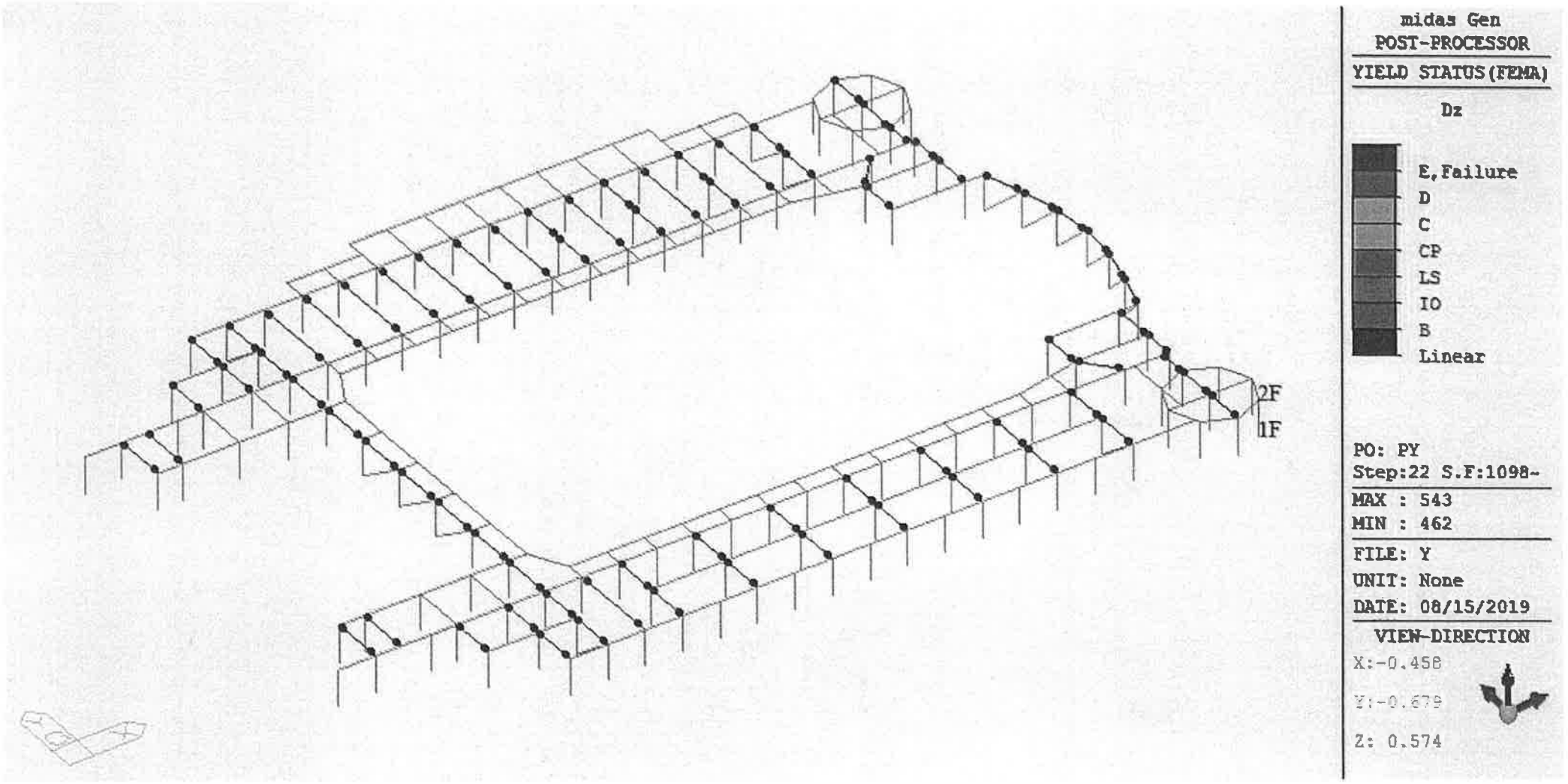

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 152
MIN : 152
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

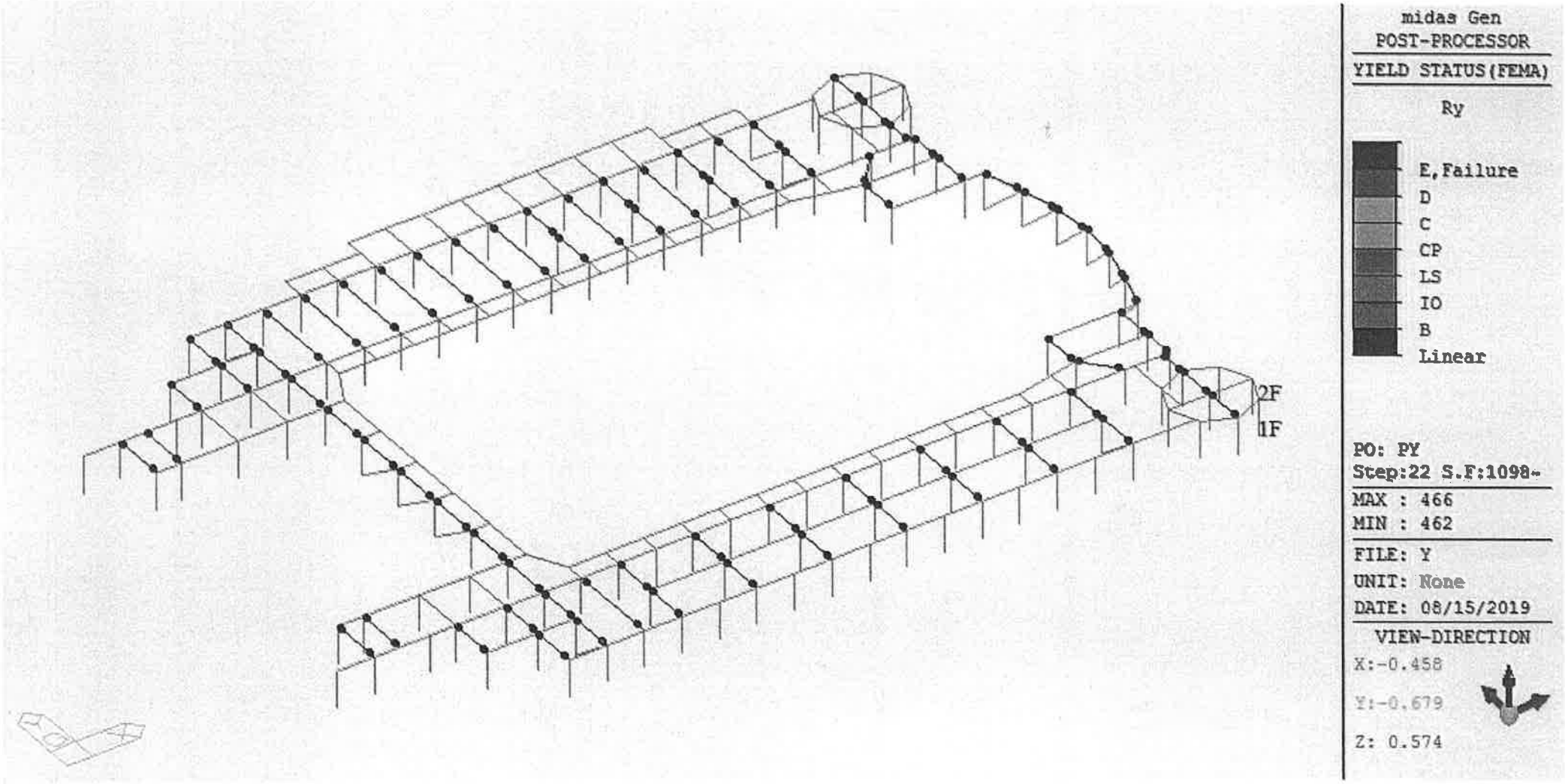

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 152
MIN : 152
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

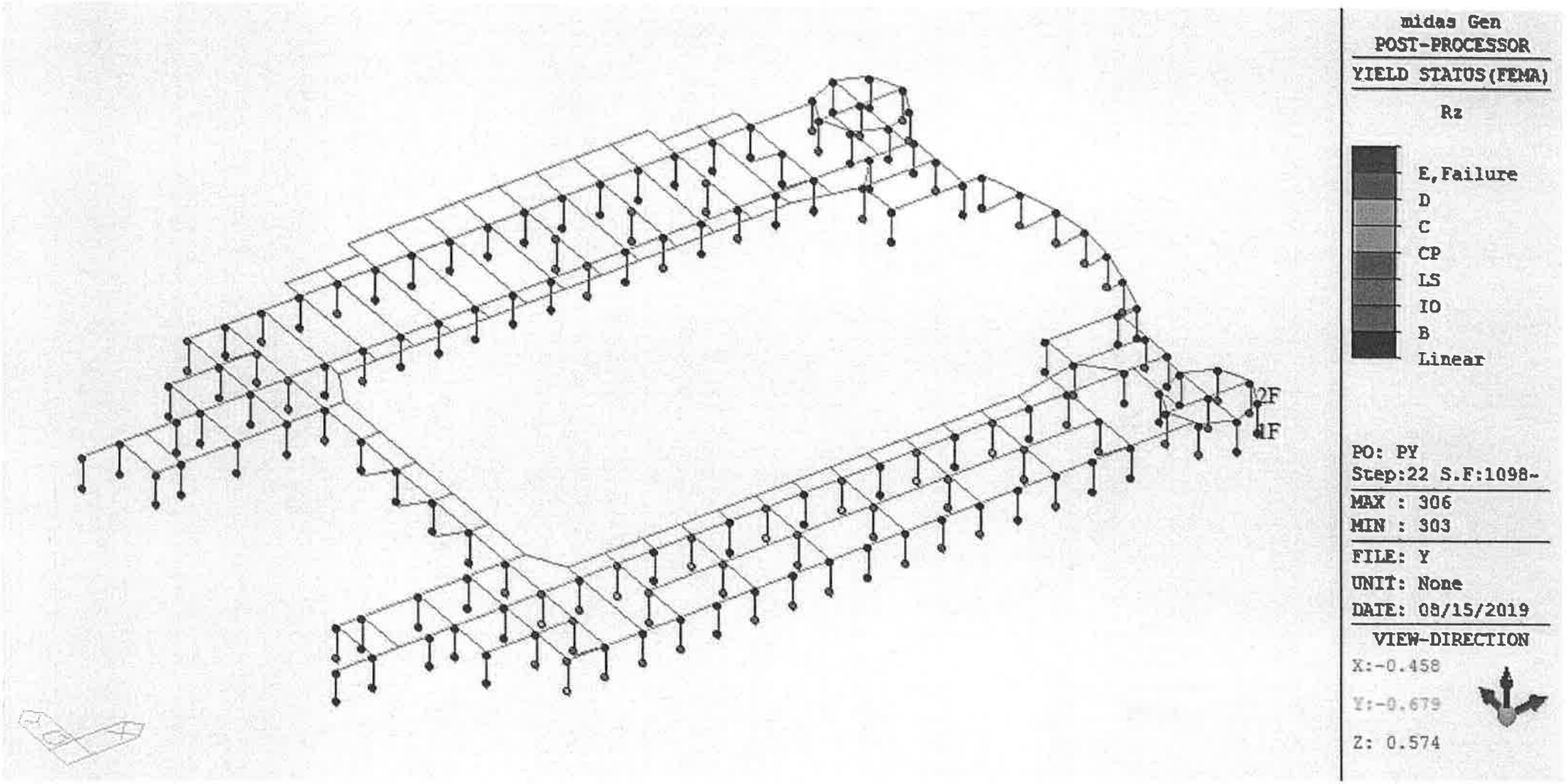

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 9
MIN : 9
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

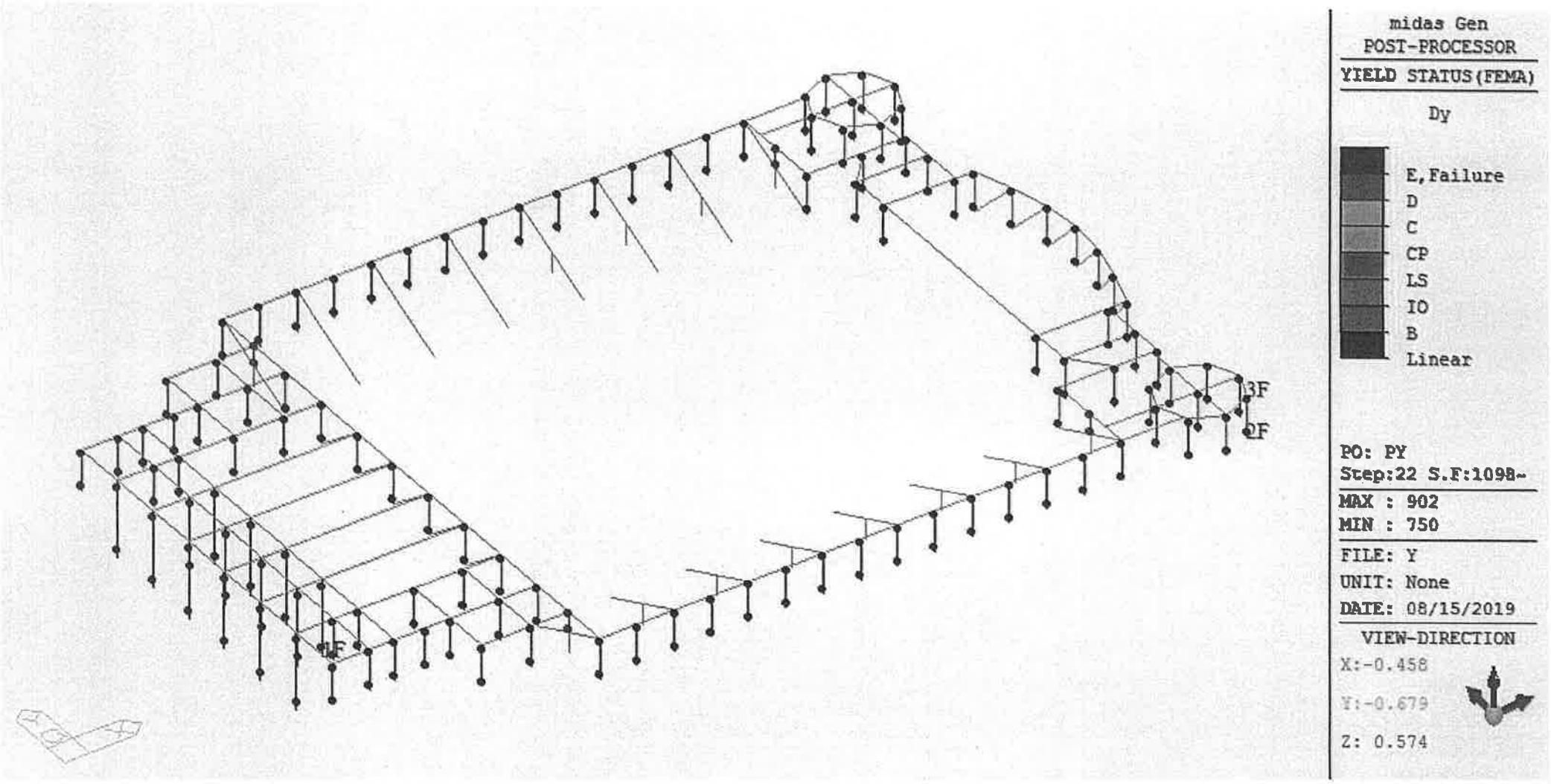

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dx
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 1182
MIN : 1182
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.483
Y:-0.837
Z: 0.259

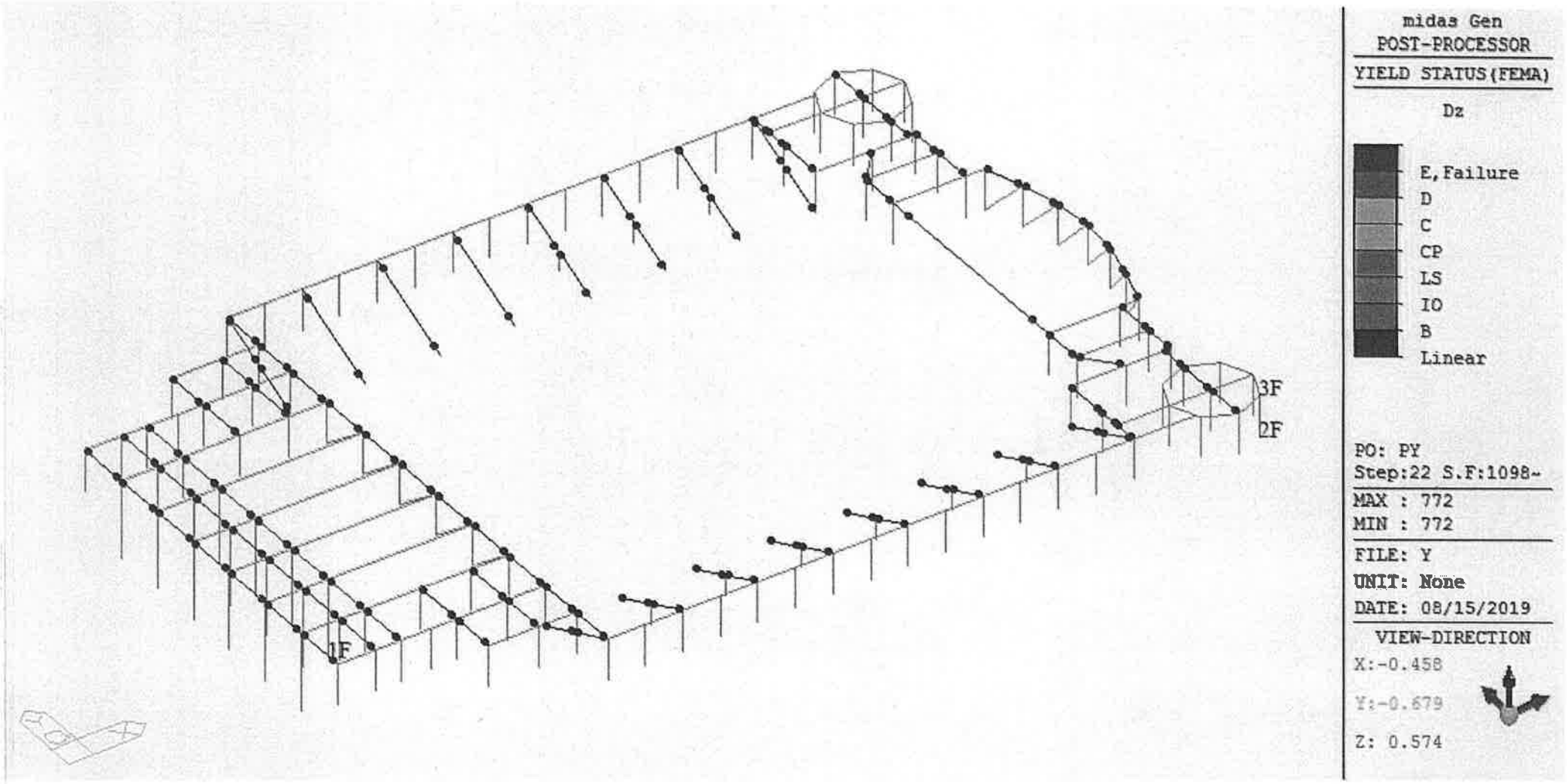

2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 303
MIN : 303
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

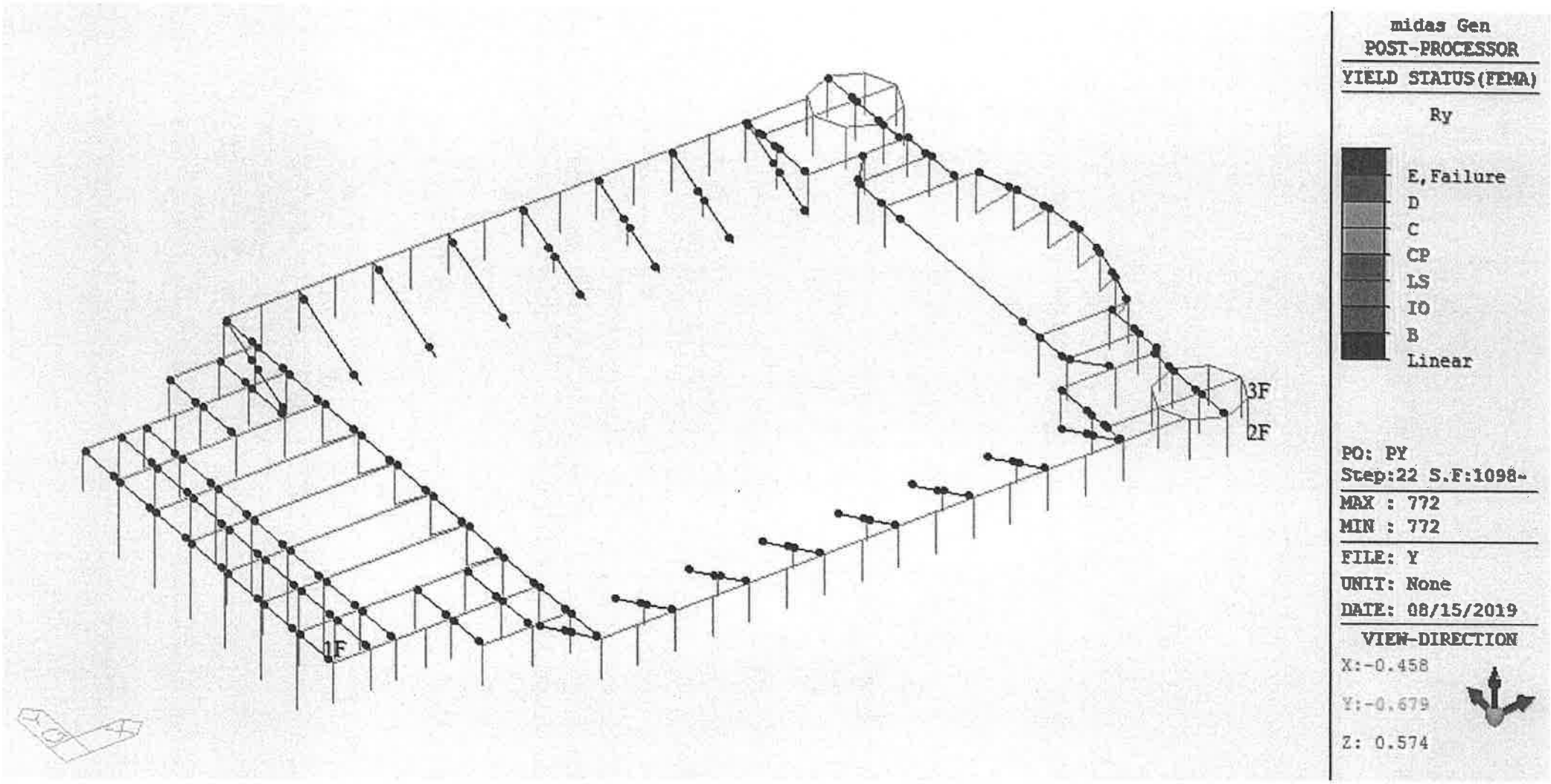

2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 543
MIN : 462
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

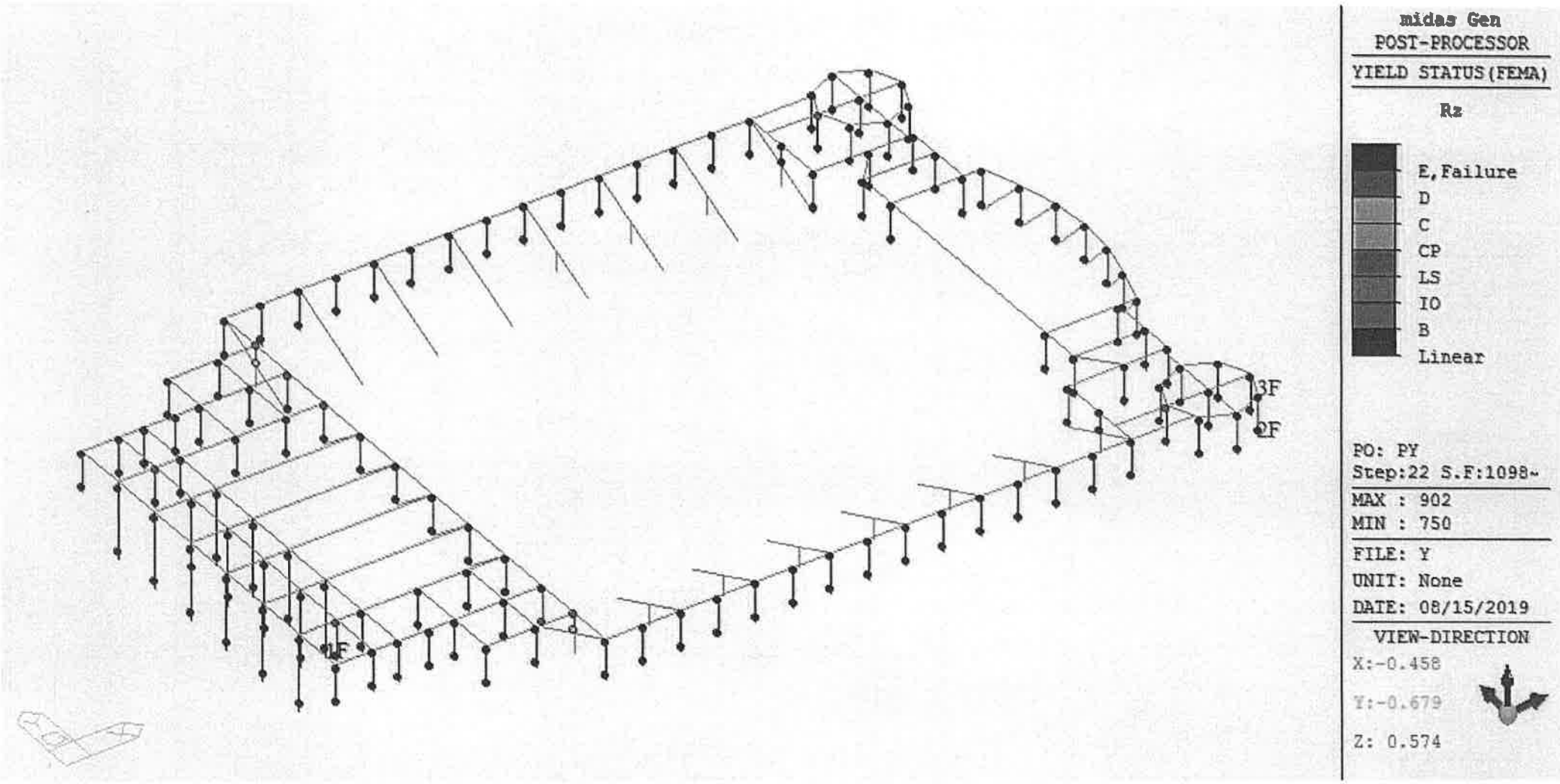

2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 466
MIN : 462
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

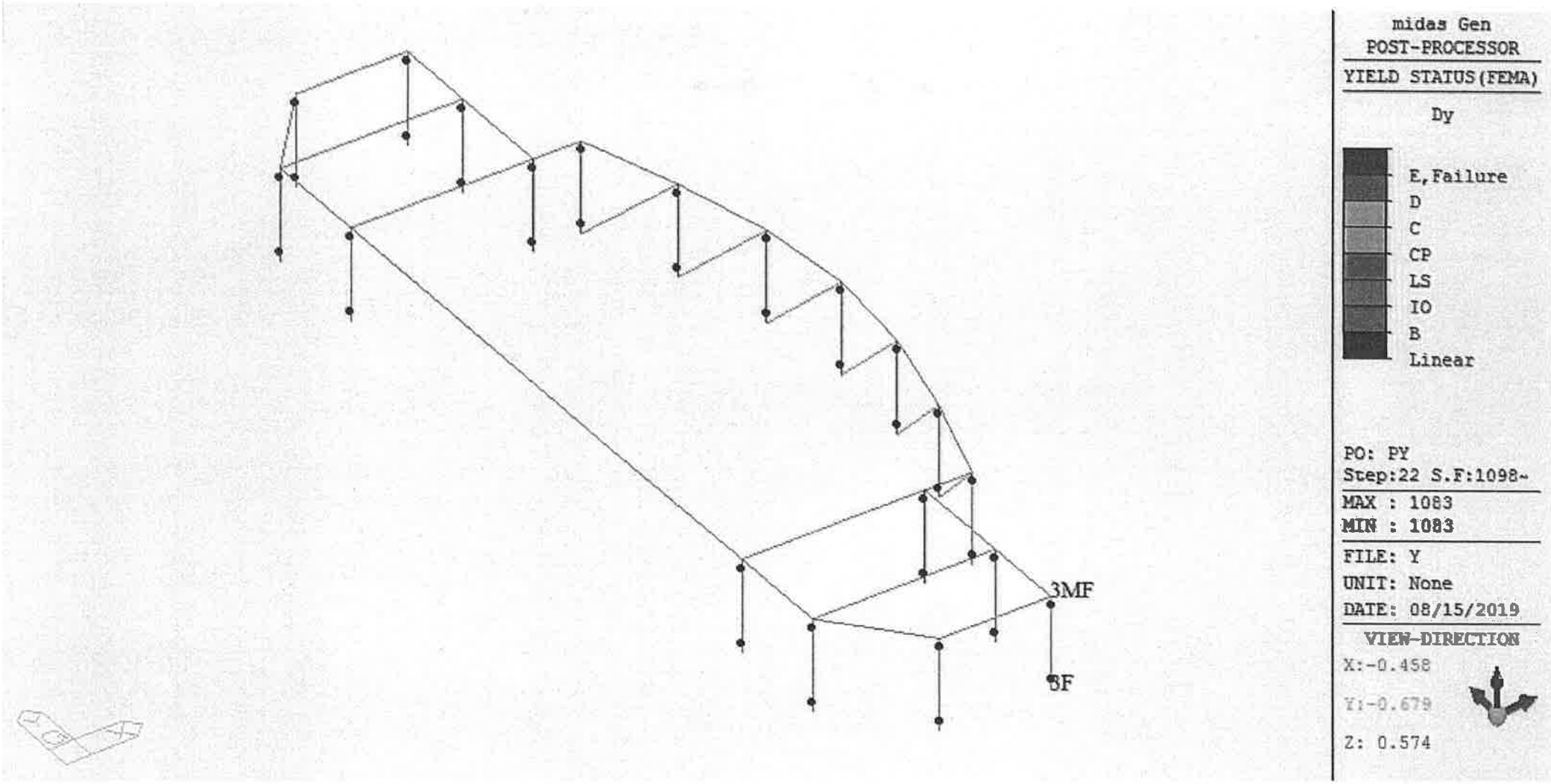

2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 306
MIN : 303
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

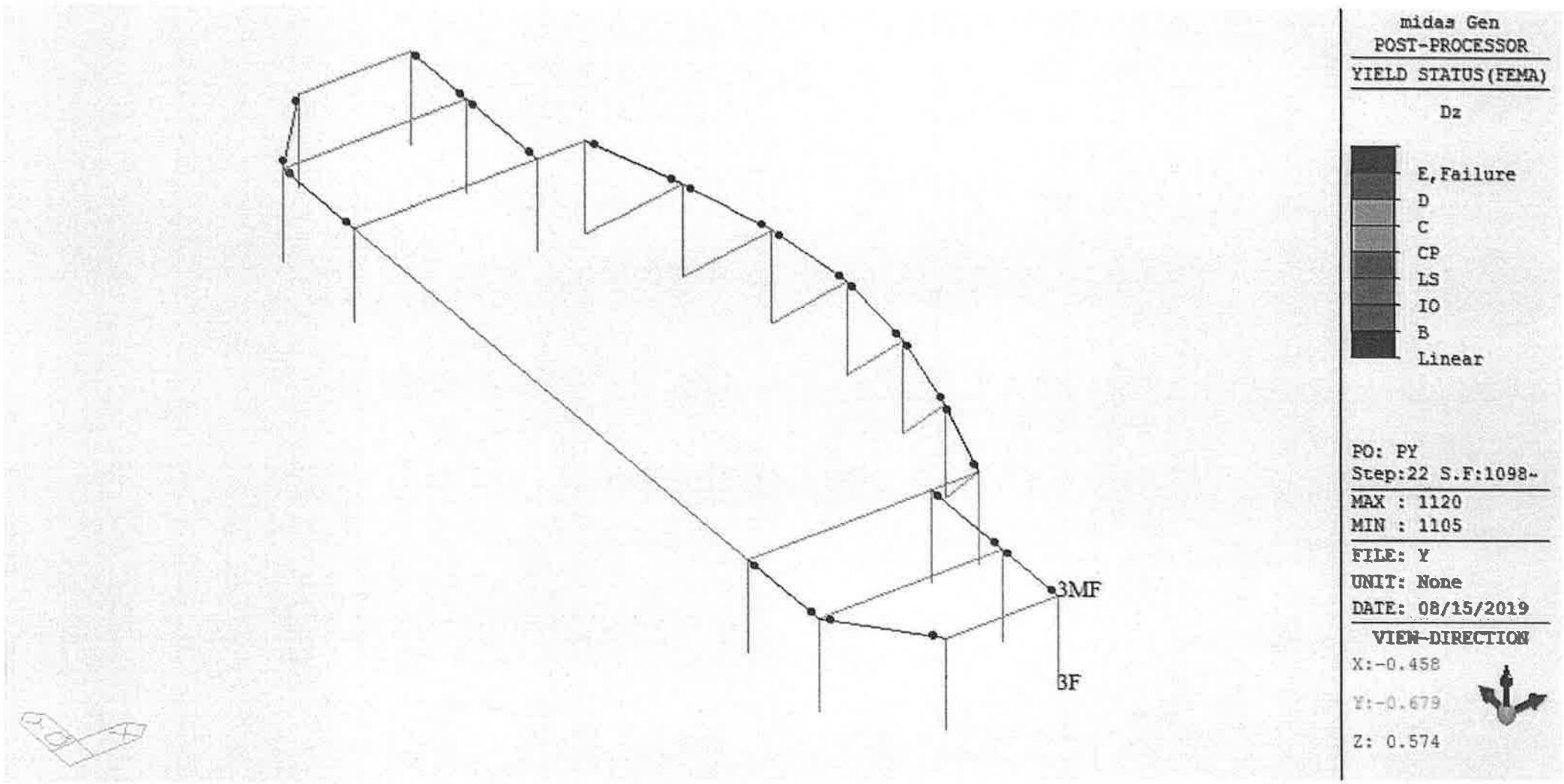

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
3F
2F
1F
PO: PY
Step:22 S.F:1098~
MAX : 902
MIN : 750
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

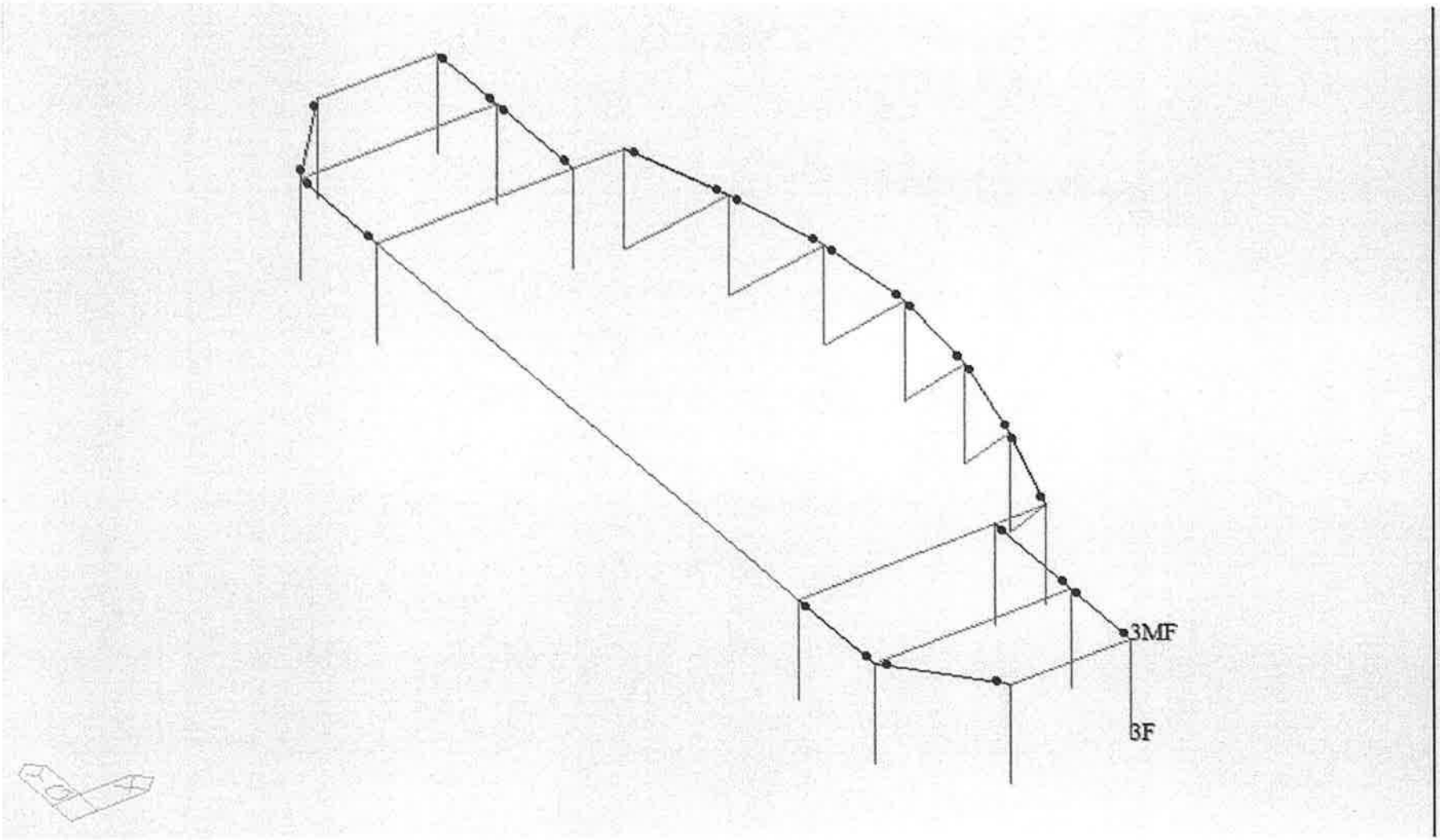

3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 772
MIN : 772
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 772
MIN : 772
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 902
MIN : 750
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


3MF
3F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 1083
MIN : 1083
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


3MF
3F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 1120
MIN : 1105
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

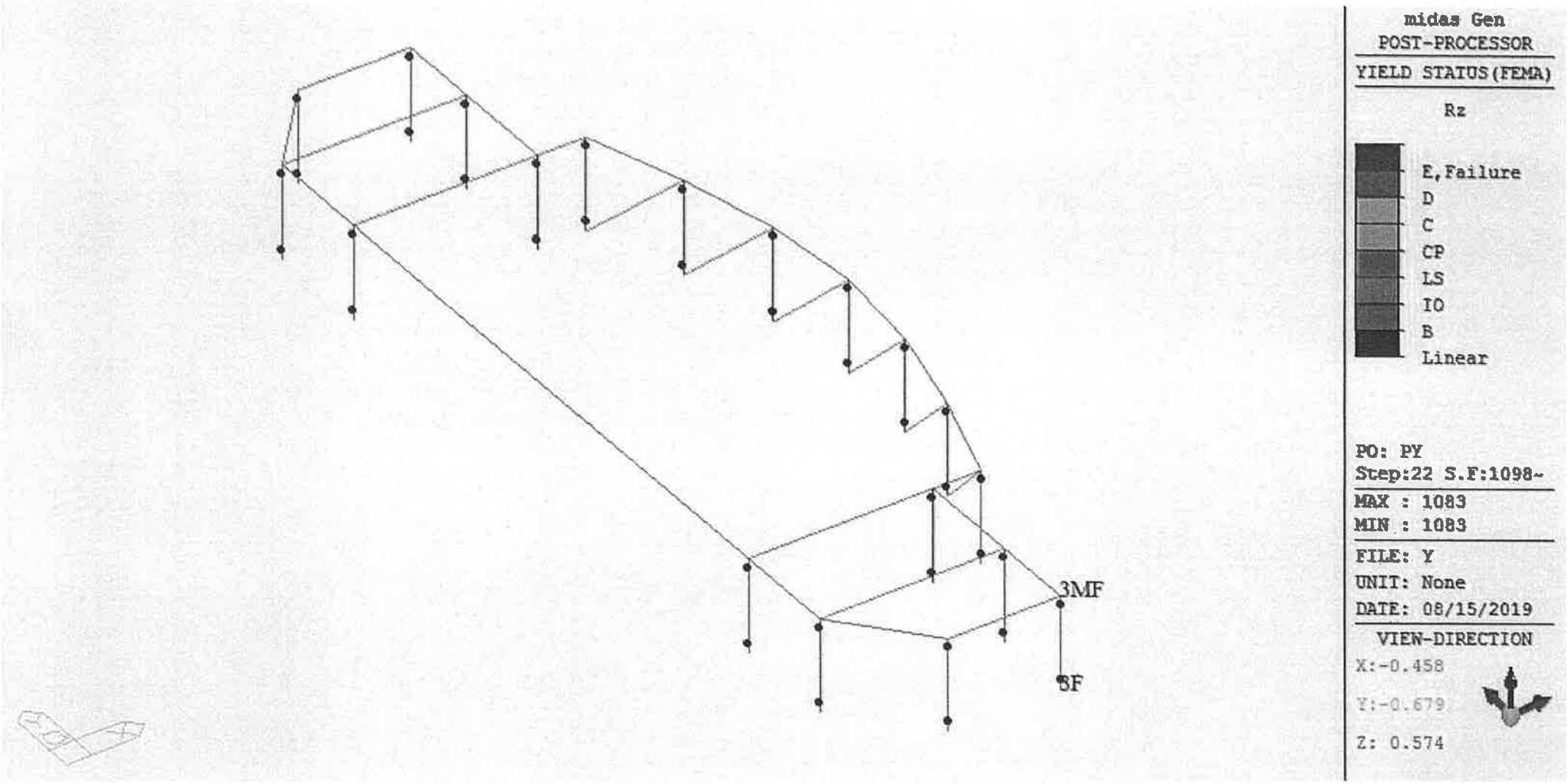


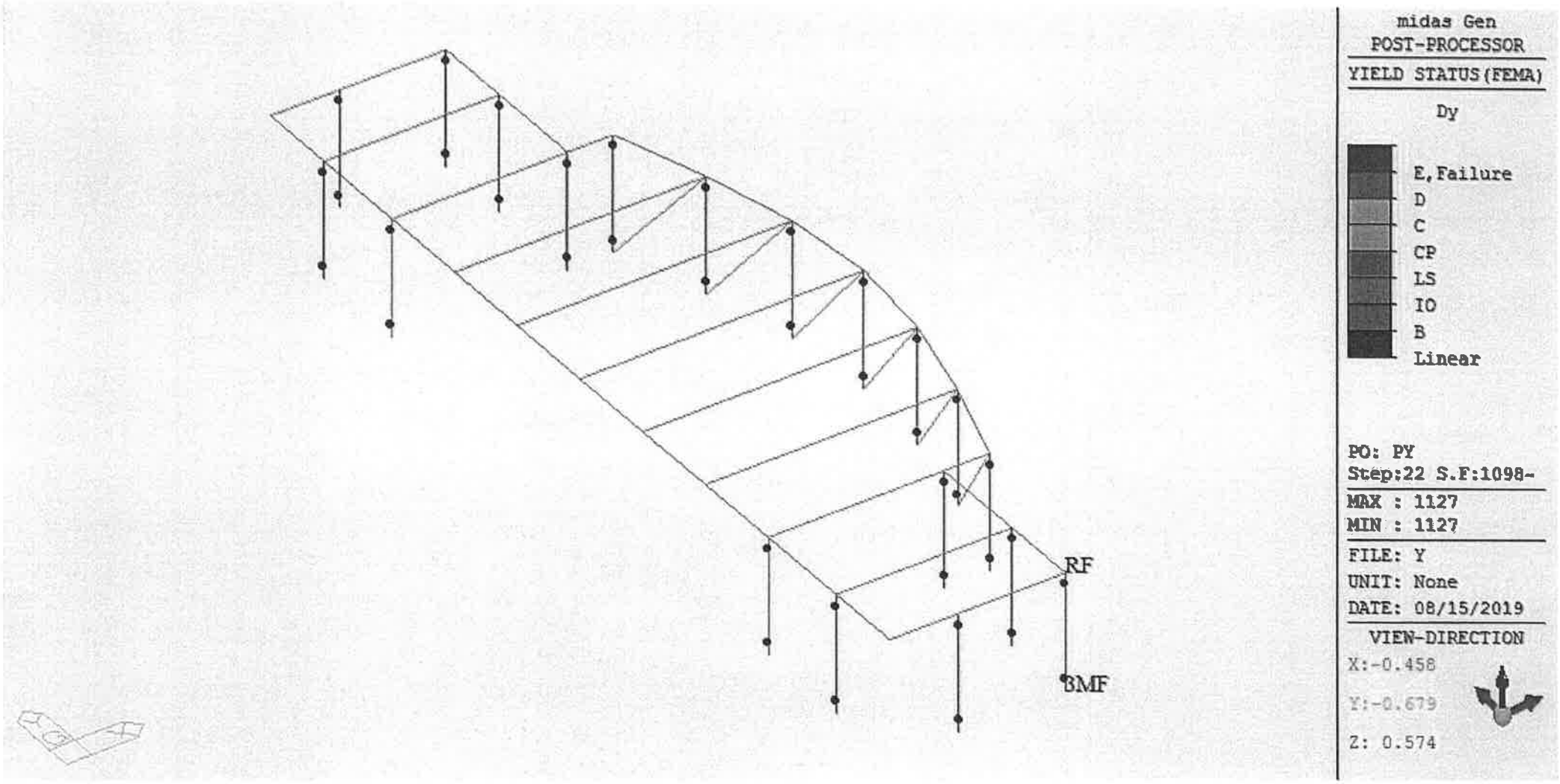
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)

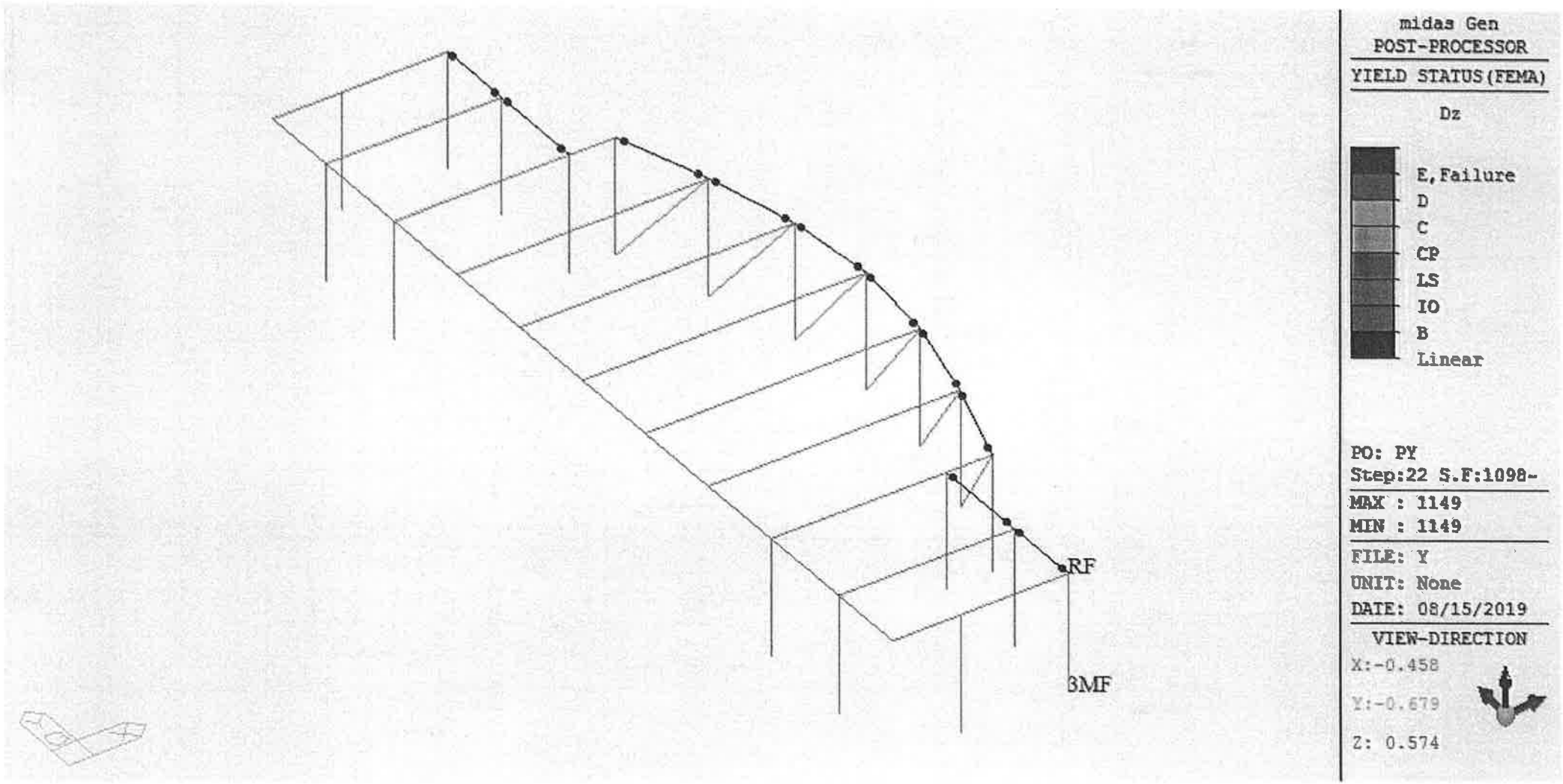
Ry

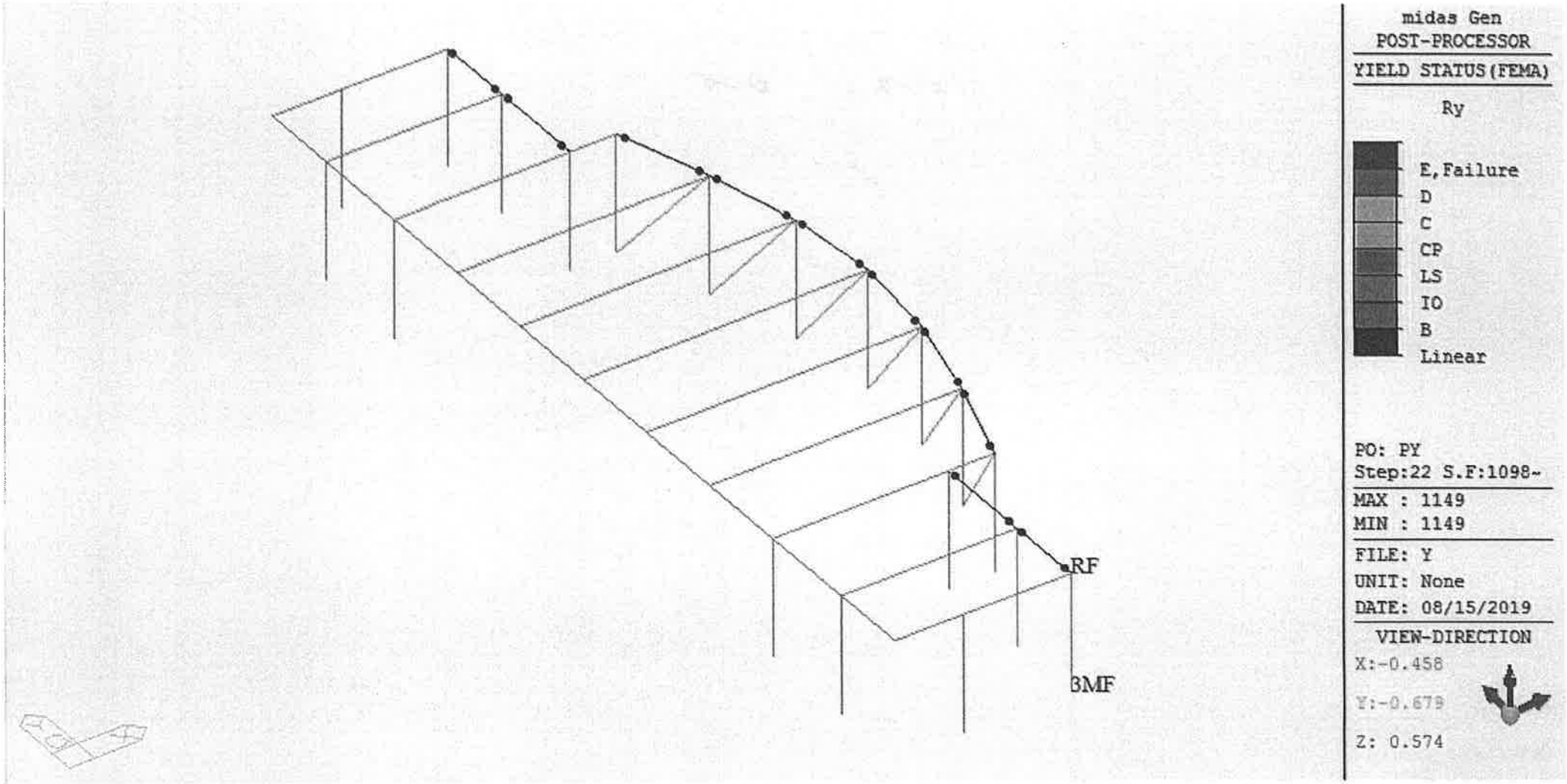
E,Failure
D
C
CP
LS
IO
B
Linear

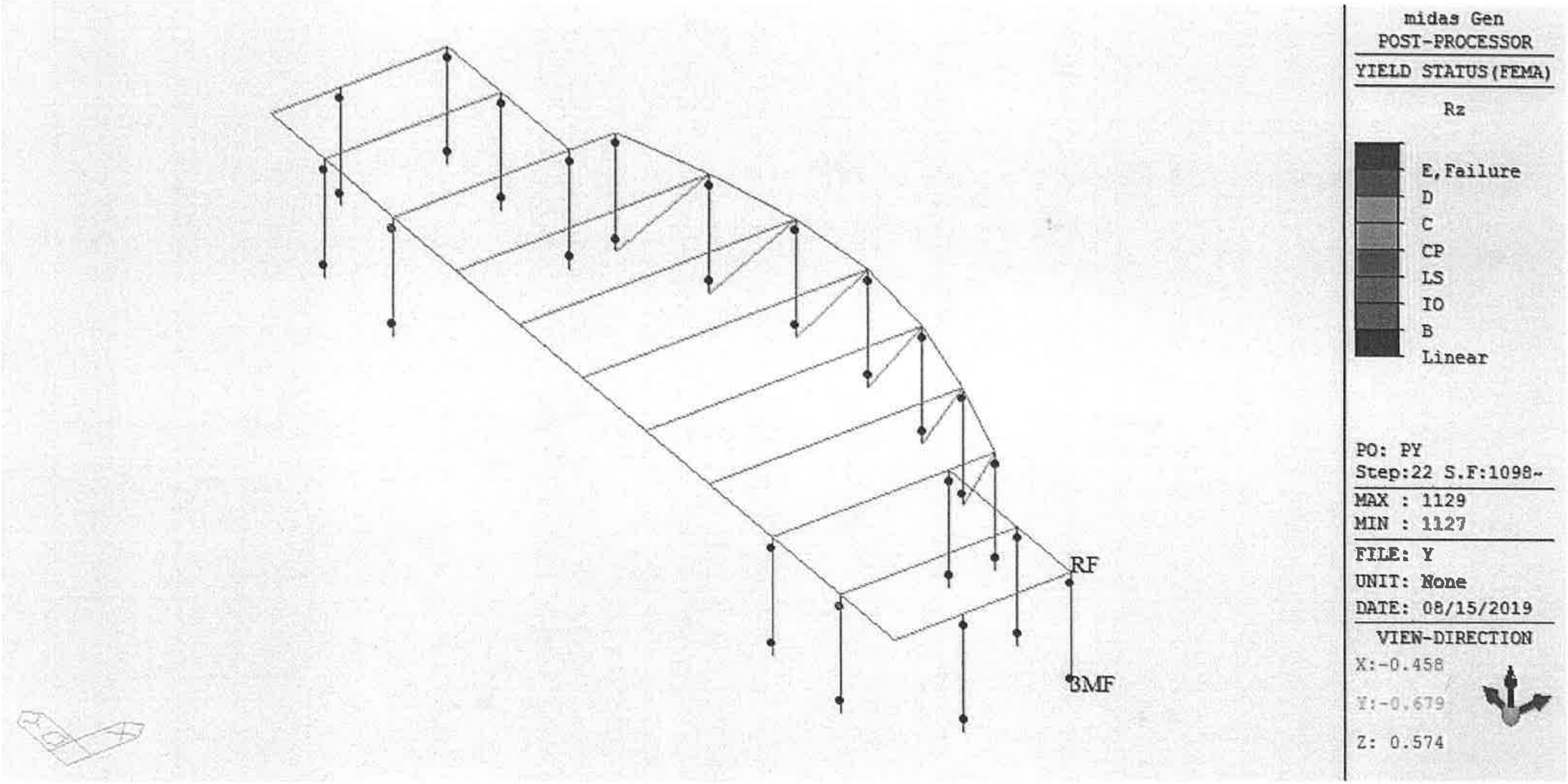
PO: PY
Step:22 S.F:1098~
MAX : 1105
MIN : 1105
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


3MF
3F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 1083
MIN : 1083
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


RF
BMF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 1127
MIN : 1127
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098-
MAX : 1149
MIN : 1149
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574
RF
3MF


RF
BMF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 1149
MIN : 1149
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574


RF
BMF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PY
Step:22 S.F:1098~
MAX : 1129
MIN : 1127
FILE: Y
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.458
Y:-0.679
Z: 0.574

$ PGA CALCULATION

Cofficient k = 0.33

$ Number of floor = 5

$Weight	Height
254414	0.0203
98883	0.008
1744127	0.0189
1559501	0.0091
1514215	0.0003

$ SITE SPECTRUM PARAMETER

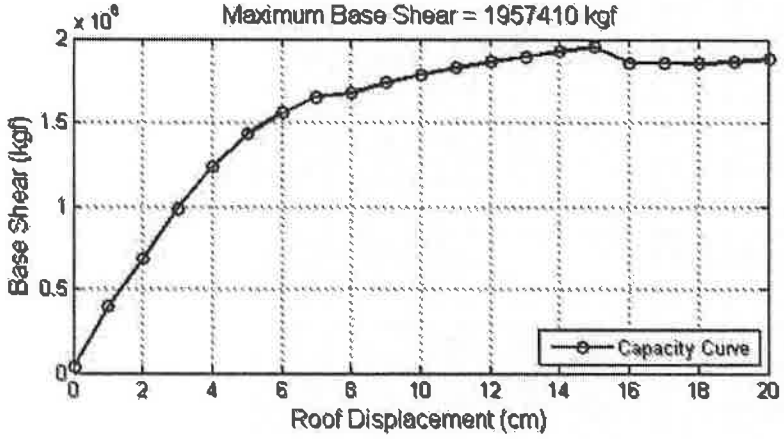
$S_DS	S_D1
0.8	0.675

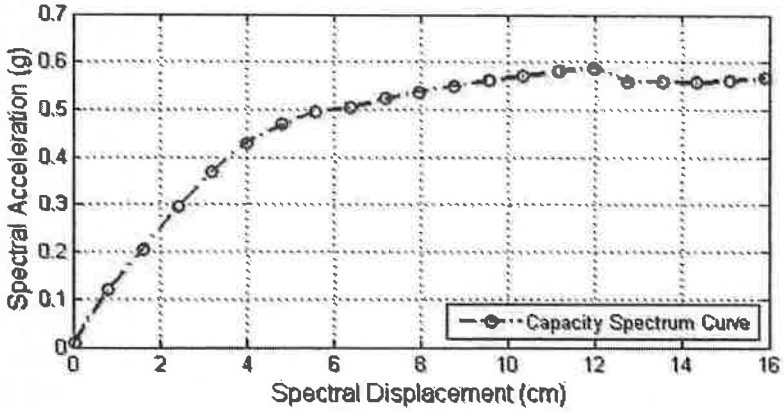
ALPHA = 0.642593

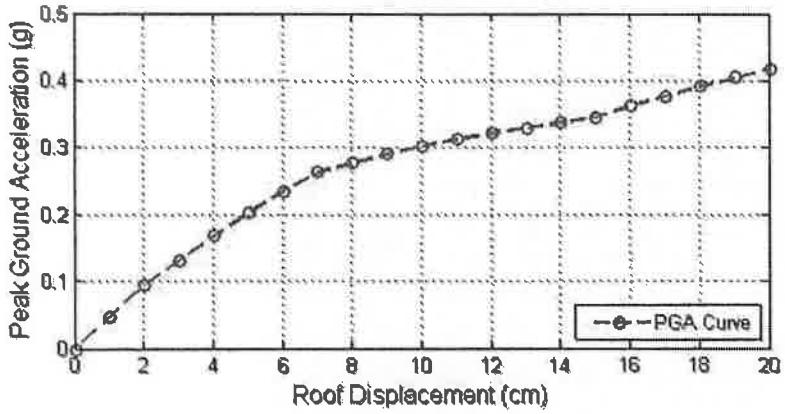
PF* = 62.0352

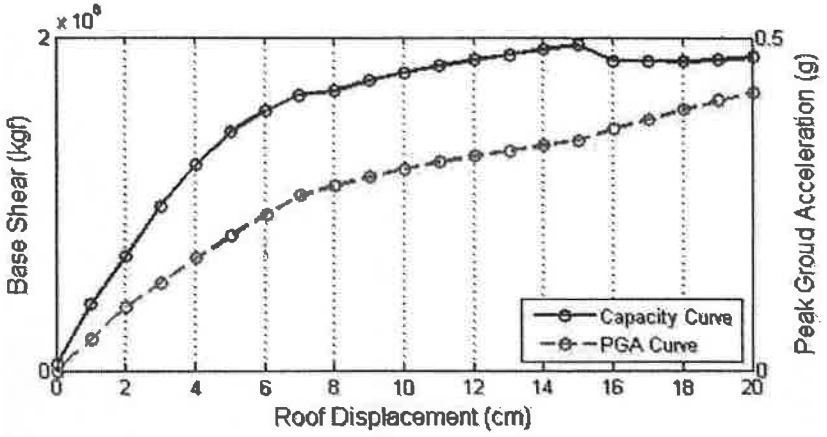
$ PGA DATA

$S_a	S_d	A_e	BETA_0	BETA_eq	T_e	T_0	B_s	B_1	Force	Disp.	A_p
0.0121275	0	0	0	0.05	0	0	0	0	40299	0	0
0.121276	0.794083	0.0529668	0	0.05	0.513323	0.84375	1	1	402993	1	0.04851
0.206282	1.58817	0.183021	0.074682	0.074645	0.556626	0.873371	1.16266	1.12323	685461	2	0.095934
0.297108	2.38225	0.382888	0.052158	0.067212	0.568043	0.865145	1.1136	1.08606	987273	3	0.132344
0.371975	3.17633	0.648542	0.062269	0.070549	0.586208	0.868906	1.13562	1.10274	1236050	4	0.168969
0.431666	3.97042	0.967621	0.082219	0.077132	0.6084	0.876003	1.17907	1.13566	1434400	5	0.203586
0.470036	4.7645	1.32563	0.117058	0.088629	0.638688	0.887457	1.25495	1.19314	1561900	6	0.235949
0.497761	5.55858	1.70989	0.150232	0.099577	0.670373	0.897384	1.32721	1.24788	1654030	7	0.264253
0.504966	6.35267	2.10801	0.200072	0.116024	0.711529	0.898169	1.37326	1.29006	1677970	8	0.277381
0.523802	7.14675	2.51648	0.21929	0.122366	0.740997	0.898328	1.39039	1.30591	1740560	9	0.291315
0.539143	7.94083	2.93851	0.237291	0.128306	0.769886	0.898473	1.40643	1.32077	1791540	10	0.303306
0.551331	8.73491	3.37147	0.254751	0.134068	0.798488	0.898611	1.42198	1.33517	1832040	11	0.313594
0.562093	9.529	3.81355	0.269914	0.139072	0.825971	0.898728	1.43549	1.34768	1867800	12	0.322752
0.571855	10.3231	4.26377	0.283001	0.14339	0.852328	0.898828	1.44715	1.35848	1900240	13	0.331025
0.58079	11.1172	4.72142	0.294423	0.14716	0.877673	0.898914	1.45733	1.3679	1929930	14	0.338561
0.58906	11.9112	5.1859	0.304441	0.150466	0.902078	0.898988	1.46626	1.37616	1957410	15	0.346673
0.560988	12.7053	5.64252	0.37134	0.172542	0.954688	0.89946	1.52586	1.43136	1864130	16	0.36342
0.560326	13.4994	6.08773	0.38811	0.178076	0.984651	0.899573	1.54081	1.44519	1861930	17	0.378003
0.55958	14.2935	6.53238	0.403254	0.183074	1.01387	0.899673	1.5543	1.45768	1859450	18	0.392063
0.562313	15.0876	6.97782	0.410586	0.185493	1.03912	0.899721	1.56083	1.46373	1868530	19	0.405464
0.567711	15.8817	7.42648	0.412125	0.186001	1.06103	0.899731	1.5622	1.465	1886470	20	0.418352


Maximum Base Shear = 1957410 kgf
x 10^6
Base Shear (kgf)
Roof Displacement (cm)
Capacity Curve


Spectral Acceleration (g)
Spectral Displacement (cm)
Capacity Spectrum Curve


Peak Ground Acceleration (g)
Roof Displacement (cm)
PGA Curve


x 10^6
Base Shear (kgf)
Peak Ground Acceleration (g)
Roof Displacement (cm)
Capacity Curve
PGA Curve

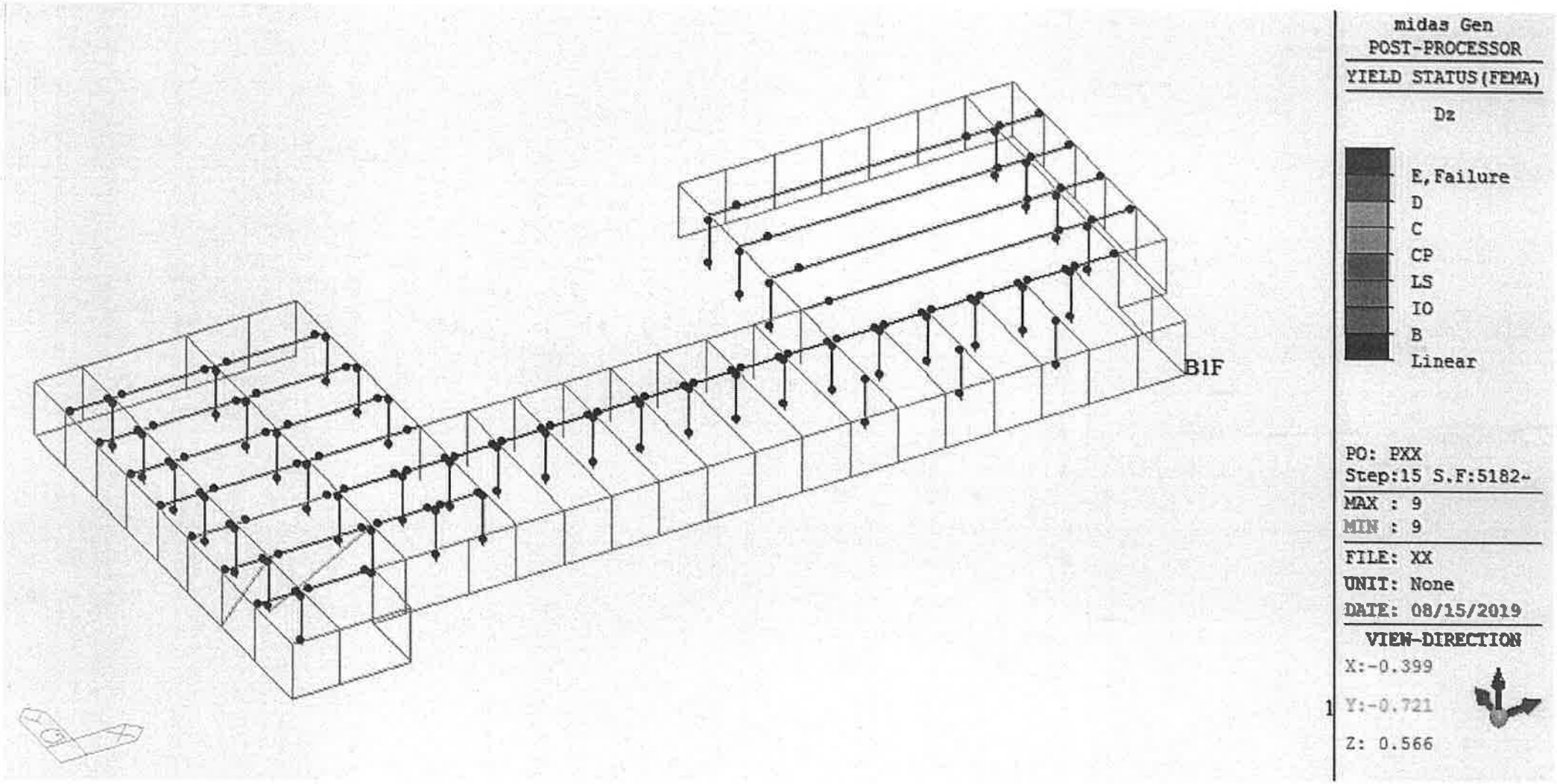
Drift(X)

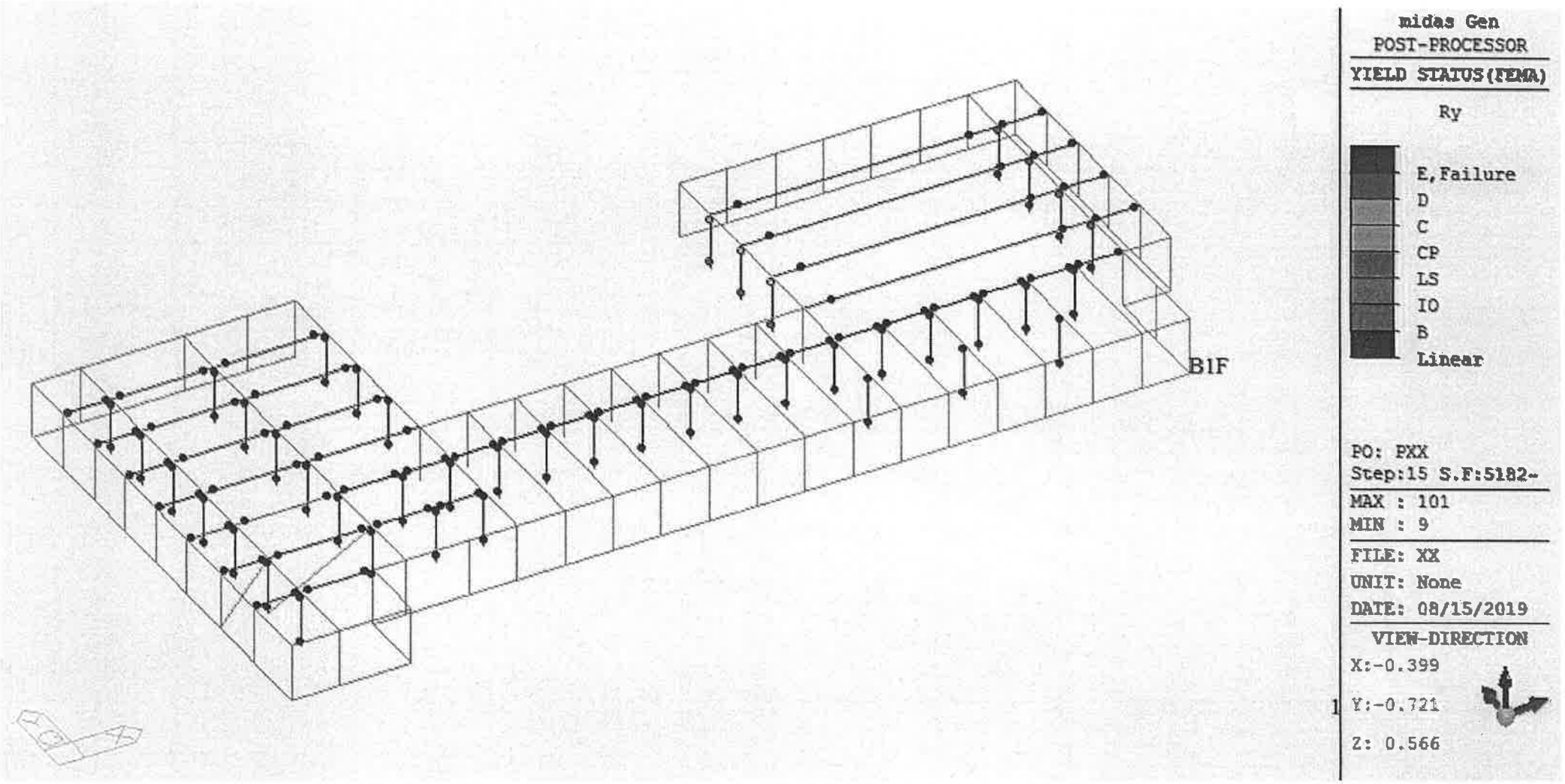
Load Case	Step	Story	Story Height (cm)	Drift at the Center of Mass				
				Story Drift (cm)	Modified Drift (cm)	Drift Factor (Maximum/Current)	Story Drift Ratio	Remark
RMC,Not Used, Cd=1, Ie=1.25, Scale Factor=1, Allowable Ratio=0.02								
PXX(all)	po_0001	3MF	394	-0.4566	-0.4566	1.0026	-0.0012	OK
PXX(all)	po_0002	3MF	394	-0.9659	-0.9659	1.0012	-0.0025	OK
PXX(all)	po_0003	3MF	394	-1.4518	-1.4518	1.0008	-0.0037	OK
PXX(all)	po_0004	3MF	394	-1.966	-1.966	1.0001	-0.005	OK
PXX(all)	po_0005	3MF	394	-2.5085	-2.5085	1.0017	-0.0064	OK
PXX(all)	po_0006	3MF	394	-3.0438	-3.0438	1.0034	-0.0077	OK
PXX(all)	po_0007	3MF	394	-3.6203	-3.6203	1.0047	-0.0092	OK
PXX(all)	po_0008	3MF	394	-4.153	-4.153	1.0135	-0.0105	OK
PXX(all)	po_0009	3MF	394	-4.7084	-4.7084	1.0089	-0.012	OK
PXX(all)	po_0010	3MF	394	-5.2342	-5.2342	1.0099	-0.0133	OK
PXX(all)	po_0011	3MF	394	-5.7633	-5.7633	1.0092	-0.0146	OK
PXX(all)	po_0012	3MF	394	-6.2913	-6.2913	1.0084	-0.016	OK
PXX(all)	po_0013	3MF	394	-6.819	-6.819	1.0081	-0.0173	OK
PXX(all)	po_0014	3MF	394	-7.3486	-7.3486	1.0076	-0.0187	OK
PXX(all)	po_0015	3MF	394	-7.8474	-7.8474	1.0075	-0.0199	OK
PXX(all)	po_0016	3MF	394	-8.3179	-8.3179	1.028	-0.0211	NG
PXX(all)	po_0017	3MF	394	-8.8149	-8.8149	1.007	-0.0224	NG
PXX(all)	po_0018	3MF	394	-9.3216	-9.3216	1.0116	-0.0237	NG
PXX(all)	po_0019	3MF	394	-9.843	-9.843	1.007	-0.025	NG
PXX(all)	po_0020	3MF	394	-10.3694	-10.3694	1.0067	-0.0263	NG
PXX(all)	po_0001	3F	300	-0.2695	-0.2695	1.0551	-0.0009	OK
PXX(all)	po_0002	3F	300	-0.5656	-0.5656	1.0311	-0.0019	OK
PXX(all)	po_0003	3F	300	-0.8655	-0.8655	1.0183	-0.0029	OK
PXX(all)	po_0004	3F	300	-1.161	-1.161	1.0182	-0.0039	OK
PXX(all)	po_0005	3F	300	-1.4688	-1.4688	1.0147	-0.0049	OK
PXX(all)	po_0006	3F	300	-1.83	-1.83	1.0029	-0.0061	OK
PXX(all)	po_0007	3F	300	-2.1511	-2.1511	1.007	-0.0072	OK

PXX(all)	po_0008	3F	300	-2.5425	-2.5425	1.0287	-0.0085	OK
PXX(all)	po_0009	3F	300	-2.9271	-2.9271	1.0255	-0.0098	OK
PXX(all)	po_0010	3F	300	-3.3523	-3.3523	1.0301	-0.0112	OK
PXX(all)	po_0011	3F	300	-3.7839	-3.7839	1.0284	-0.0126	OK
PXX(all)	po_0012	3F	300	-4.2207	-4.2207	1.0265	-0.0141	OK
PXX(all)	po_0013	3F	300	-4.6609	-4.6609	1.0248	-0.0155	OK
PXX(all)	po_0014	3F	300	-5.1014	-5.1014	1.0231	-0.017	OK
PXX(all)	po_0015	3F	300	-5.5173	-5.5173	1.022	-0.0184	OK
PXX(all)	po_0016	3F	300	-6.1198	-6.1198	1.0498	-0.0204	NG
PXX(all)	po_0017	3F	300	-6.6249	-6.6249	1.0187	-0.0221	NG
PXX(all)	po_0018	3F	300	-7.1211	-7.1211	1.0244	-0.0237	NG
PXX(all)	po_0019	3F	300	-7.5931	-7.5931	1.0173	-0.0253	NG
PXX(all)	po_0020	3F	300	-8.0531	-8.0531	1.0166	-0.0268	NG
PXX(all)	po_0001	2F	336	-0.1703	-0.1703	1.3553	-0.0005	OK
PXX(all)	po_0002	2F	336	-0.2939	-0.2939	1.5085	-0.0009	OK
PXX(all)	po_0003	2F	336	-0.431	-0.431	1.5321	-0.0013	OK
PXX(all)	po_0004	2F	336	-0.5537	-0.5537	1.5704	-0.0016	OK
PXX(all)	po_0005	2F	336	-0.6517	-0.6517	1.6392	-0.0019	OK
PXX(all)	po_0006	2F	336	-0.7205	-0.7205	1.7491	-0.0021	OK
PXX(all)	po_0007	2F	336	-0.7898	-0.7898	1.8326	-0.0024	OK
PXX(all)	po_0008	2F	336	-0.8334	-0.8334	1.9617	-0.0025	OK
PXX(all)	po_0009	2F	336	-0.8725	-0.8725	2.0839	-0.0026	OK
PXX(all)	po_0010	2F	336	-0.9034	-0.9034	2.2197	-0.0027	OK
PXX(all)	po_0011	2F	336	-0.9276	-0.9276	2.3617	-0.0028	OK
PXX(all)	po_0012	2F	336	-0.9488	-0.9488	2.5051	-0.0028	OK
PXX(all)	po_0013	2F	336	-0.9678	-0.9678	2.6403	-0.0029	OK
PXX(all)	po_0014	2F	336	-0.9854	-0.9854	2.7654	-0.0029	OK
PXX(all)	po_0015	2F	336	-1.0356	-1.0356	2.8071	-0.0031	OK
PXX(all)	po_0016	2F	336	-0.9894	-0.9894	3.0514	-0.0029	OK
PXX(all)	po_0017	2F	336	-0.9876	-0.9876	3.1673	-0.0029	OK
PXX(all)	po_0018	2F	336	-0.9855	-0.9855	3.2636	-0.0029	OK

PXX(all)	po_0019	2F	336	-0.9892	-0.9892	3.3115	-0.0029	OK
PXX(all)	po_0020	2F	336	-0.9974	-0.9974	3.3458	-0.003	OK
PXX(all)	po_0001	1F	300	-0.0998	-0.0998	1.0731	-0.0003	OK
PXX(all)	po_0002	1F	300	-0.1684	-0.1684	1.0721	-0.0006	OK
PXX(all)	po_0003	1F	300	-0.2428	-0.2428	1.0719	-0.0008	OK
PXX(all)	po_0004	1F	300	-0.3082	-0.3082	1.0715	-0.001	OK
PXX(all)	po_0005	1F	300	-0.358	-0.358	1.0713	-0.0012	OK
PXX(all)	po_0006	1F	300	-0.3918	-0.3918	1.0702	-0.0013	OK
PXX(all)	po_0007	1F	300	-0.4244	-0.4244	1.0626	-0.0014	OK
PXX(all)	po_0008	1F	300	-0.4555	-0.4555	1.0663	-0.0015	OK
PXX(all)	po_0009	1F	300	-0.4759	-0.4759	1.0652	-0.0016	OK
PXX(all)	po_0010	1F	300	-0.4935	-0.4935	1.0639	-0.0016	OK
PXX(all)	po_0011	1F	300	-0.5083	-0.5083	1.0629	-0.0017	OK
PXX(all)	po_0012	1F	300	-0.522	-0.522	1.0621	-0.0017	OK
PXX(all)	po_0013	1F	300	-0.5349	-0.5349	1.0614	-0.0018	OK
PXX(all)	po_0014	1F	300	-0.5469	-0.5469	1.0607	-0.0018	OK
PXX(all)	po_0015	1F	300	-0.5824	-0.5824	1.0503	-0.0019	OK
PXX(all)	po_0016	1F	300	-0.5566	-0.5566	1.0503	-0.0019	OK
PXX(all)	po_0017	1F	300	-0.5561	-0.5561	1.0502	-0.0019	OK
PXX(all)	po_0018	1F	300	-0.5554	-0.5554	1.0503	-0.0019	OK
PXX(all)	po_0019	1F	300	-0.5581	-0.5581	1.0502	-0.0019	OK
PXX(all)	po_0020	1F	300	-0.5634	-0.5634	1.0502	-0.0019	OK
PXX(all)	po_0001	B1F	365	-0.0035	-0.0035	1.1054	0	OK
PXX(all)	po_0002	B1F	365	-0.0058	-0.0058	1.109	0	OK
PXX(all)	po_0003	B1F	365	-0.0083	-0.0083	1.1104	0	OK
PXX(all)	po_0004	B1F	365	-0.0105	-0.0105	1.1115	0	OK
PXX(all)	po_0005	B1F	365	-0.0122	-0.0122	1.1119	0	OK
PXX(all)	po_0006	B1F	365	-0.0133	-0.0133	1.1122	0	OK
PXX(all)	po_0007	B1F	365	-0.0142	-0.0142	1.1144	0	OK
PXX(all)	po_0008	B1F	365	-0.0151	-0.0151	1.1112	0	OK
PXX(all)	po_0009	B1F	365	-0.0156	-0.0156	1.1114	0	OK

PXX(all)	po_0010	B1F	365	-0.0161	-0.0161	1.1116	0	OK
PXX(all)	po_0011	B1F	365	-0.0165	-0.0165	1.1118	0	OK
PXX(all)	po_0012	B1F	365	-0.0168	-0.0168	1.1118	0	OK
PXX(all)	po_0013	B1F	365	-0.0171	-0.0171	1.1116	0	OK
PXX(all)	po_0014	B1F	365	-0.0173	-0.0173	1.1114	0	OK
PXX(all)	po_0015	B1F	365	-0.0179	-0.0179	1.1147	0	OK
PXX(all)	po_0016	B1F	365	-0.0171	-0.0171	1.1143	0	OK
PXX(all)	po_0017	B1F	365	-0.0171	-0.0171	1.1145	0	OK
PXX(all)	po_0018	B1F	365	-0.0171	-0.0171	1.1144	0	OK
PXX(all)	po_0019	B1F	365	-0.0171	-0.0171	1.1145	0	OK
PXX(all)	po_0020	B1F	365	-0.0173	-0.0173	1.1145	0	OK


B1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182-
MAX : 9
MIN : 9
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.399
Y:-0.721
Z: 0.566


B1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182-
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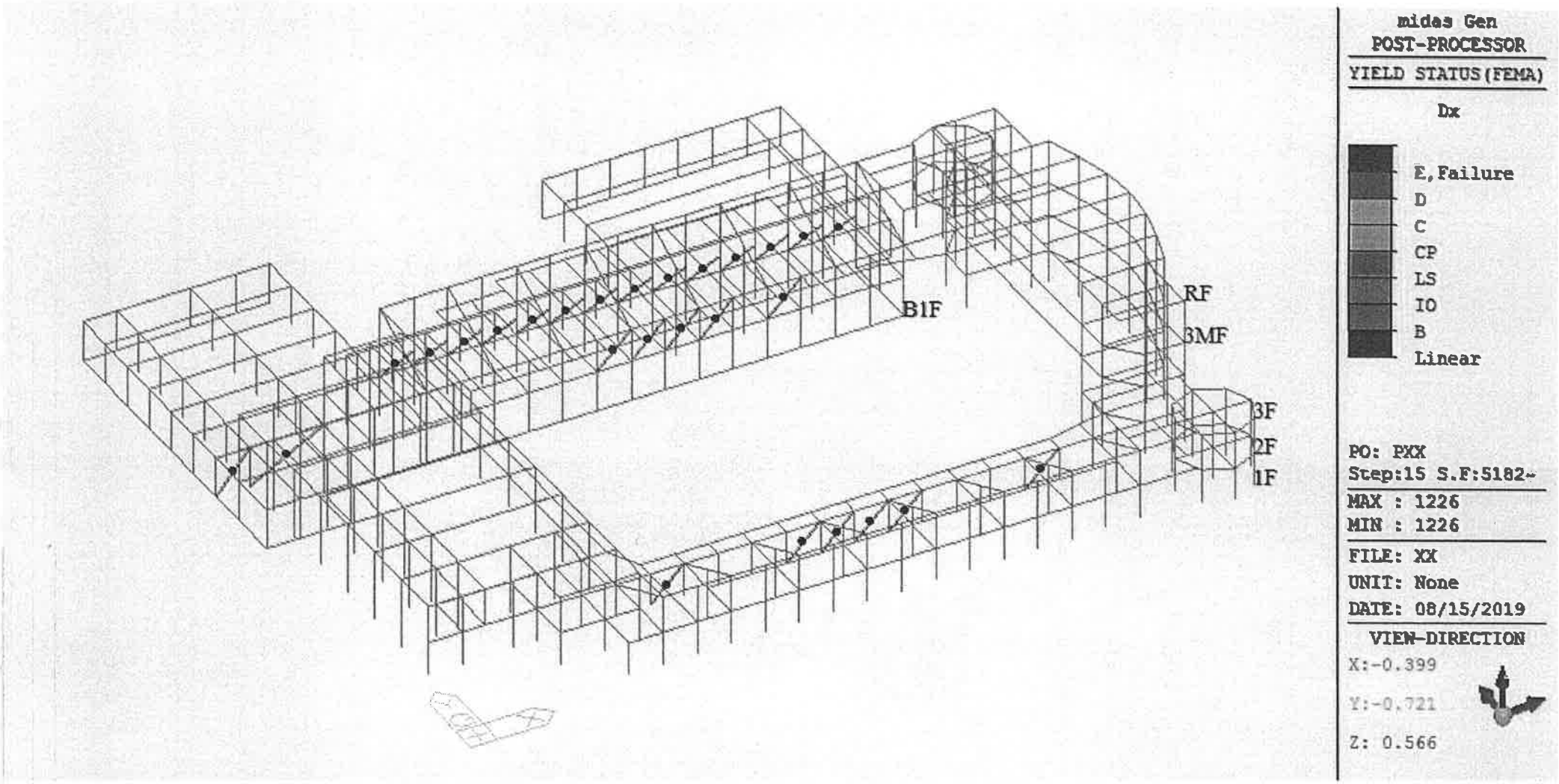
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.399
Y:-0.721
Z: 0.566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RF
3MF
3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dx
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182~
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UNIT: None
DATE: 08/15/2019
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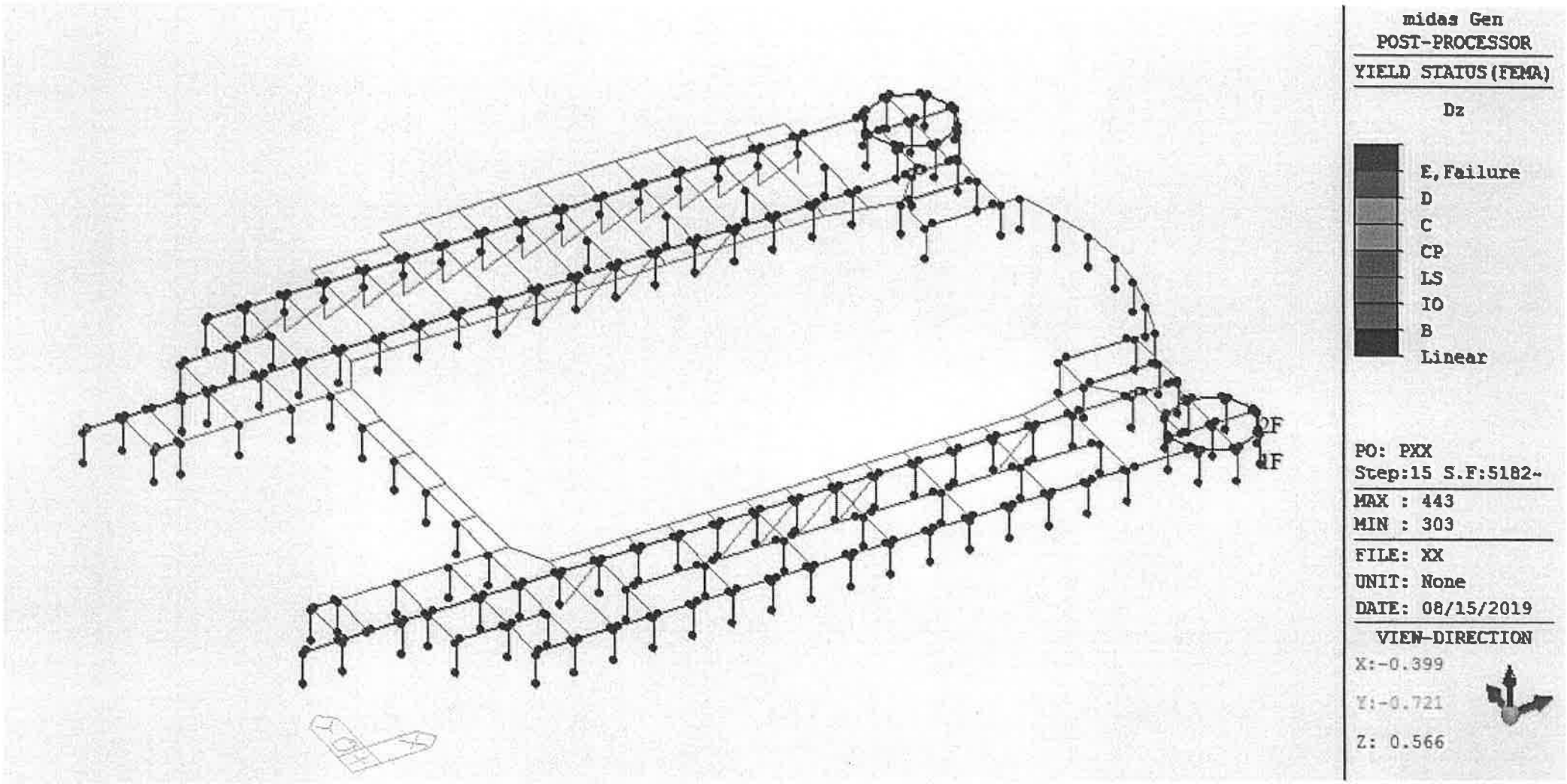
Z: 0.566


2F
1F
Y
X
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POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182~
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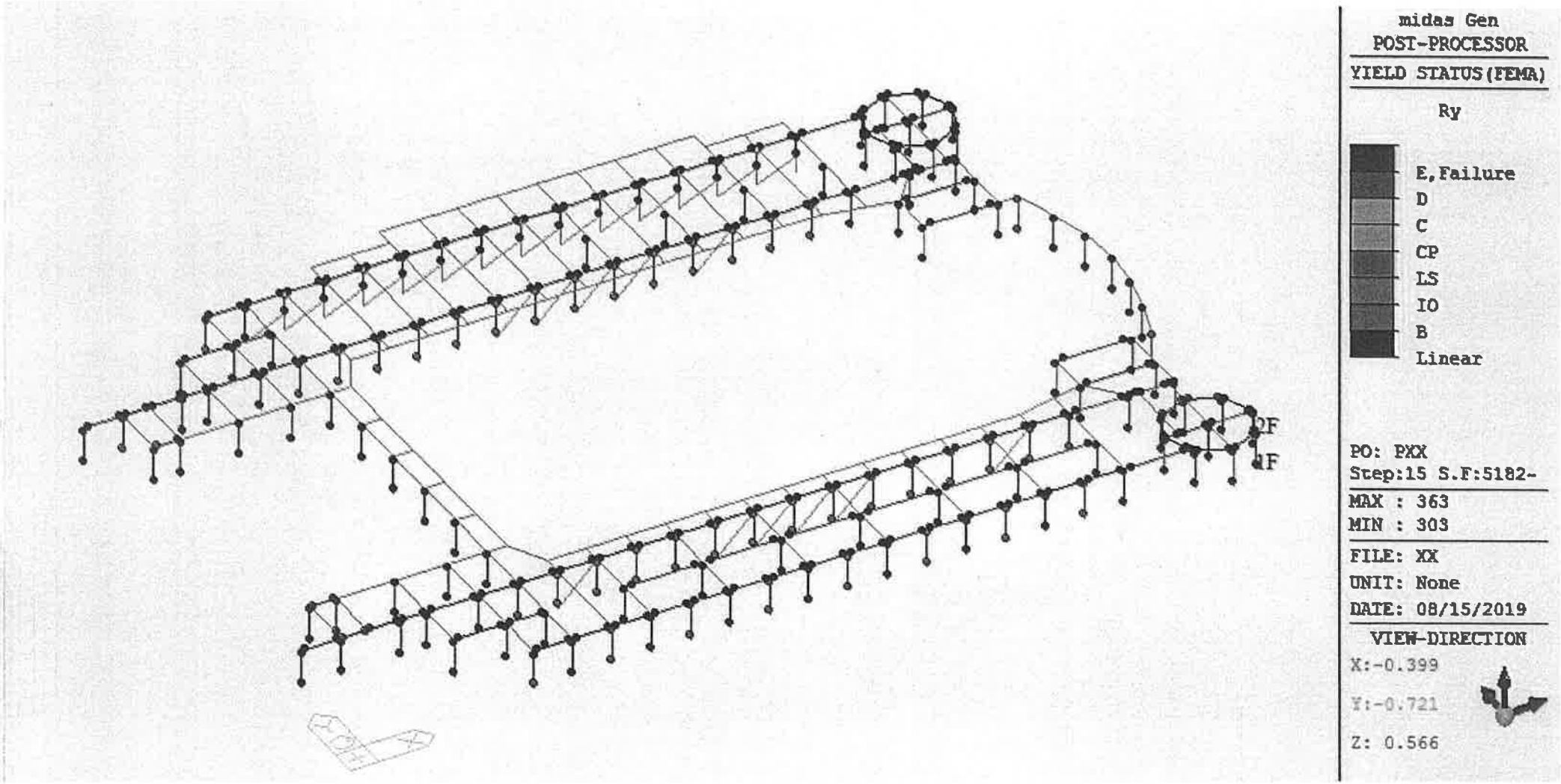
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.399
Y:-0.721
Z: 0.566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POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182-
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UNIT: None
DATE: 08/15/2019
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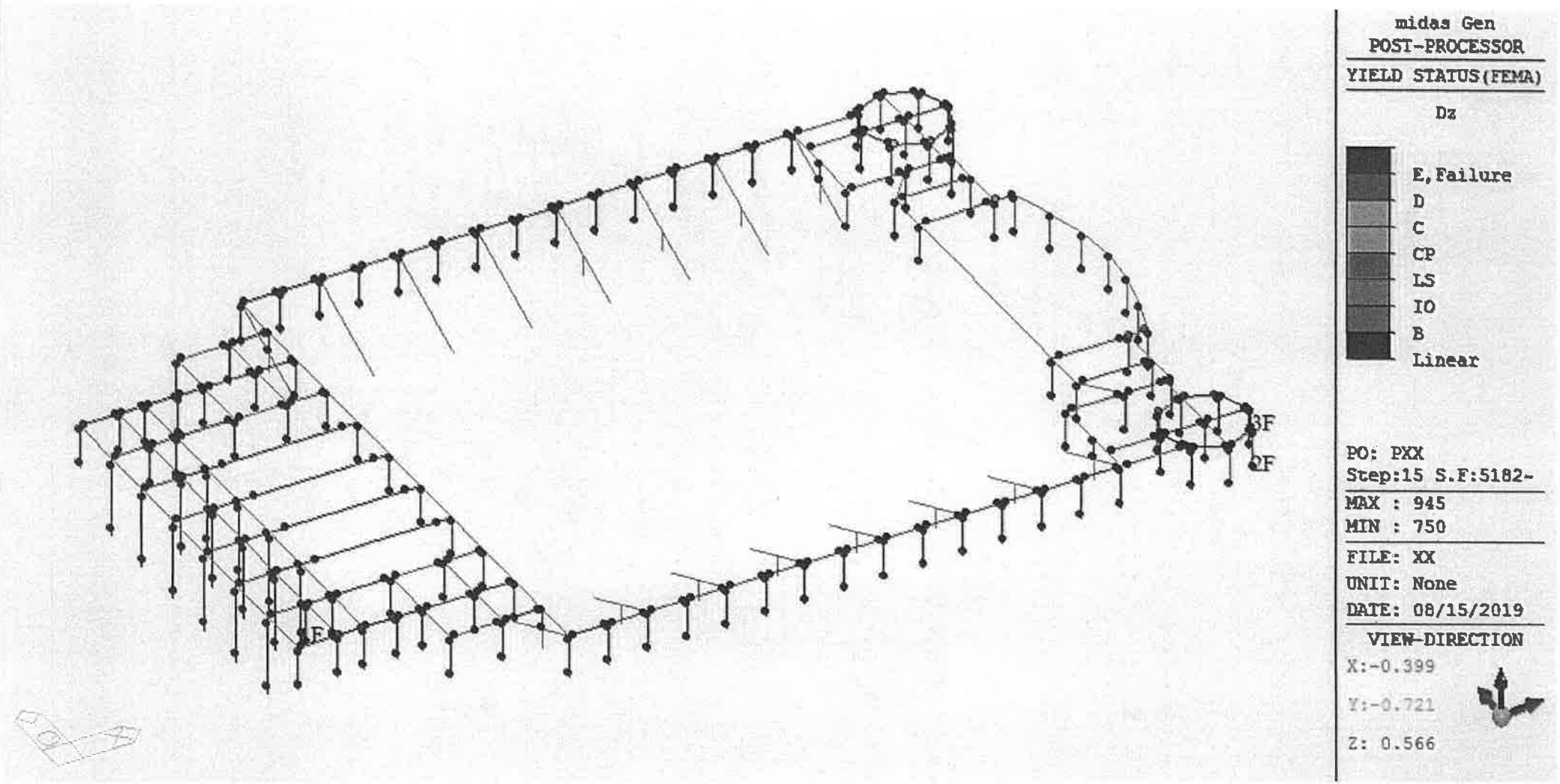
Y:-0.721
Z: 0.566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POST-PROCESSOR
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D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182-
MAX : 945
MIN : 750
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Z: 0.566
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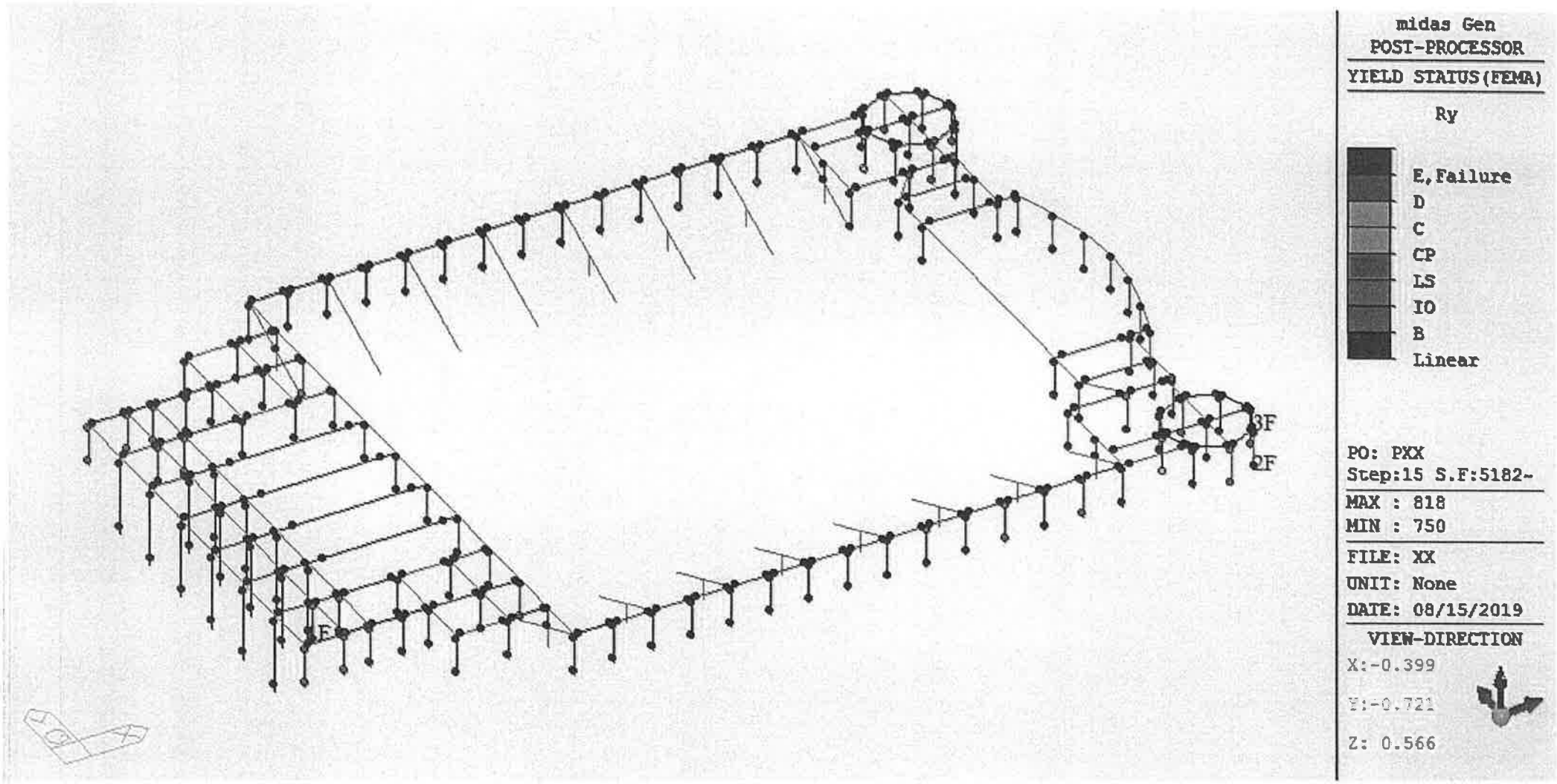
2F
1F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YIELD STATUS(FEMA)
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E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182-
MAX : 818
MIN : 750
FILE: XX
UNIT: None
DATE: 08/15/2019
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Y:-0.721
Z: 0.566
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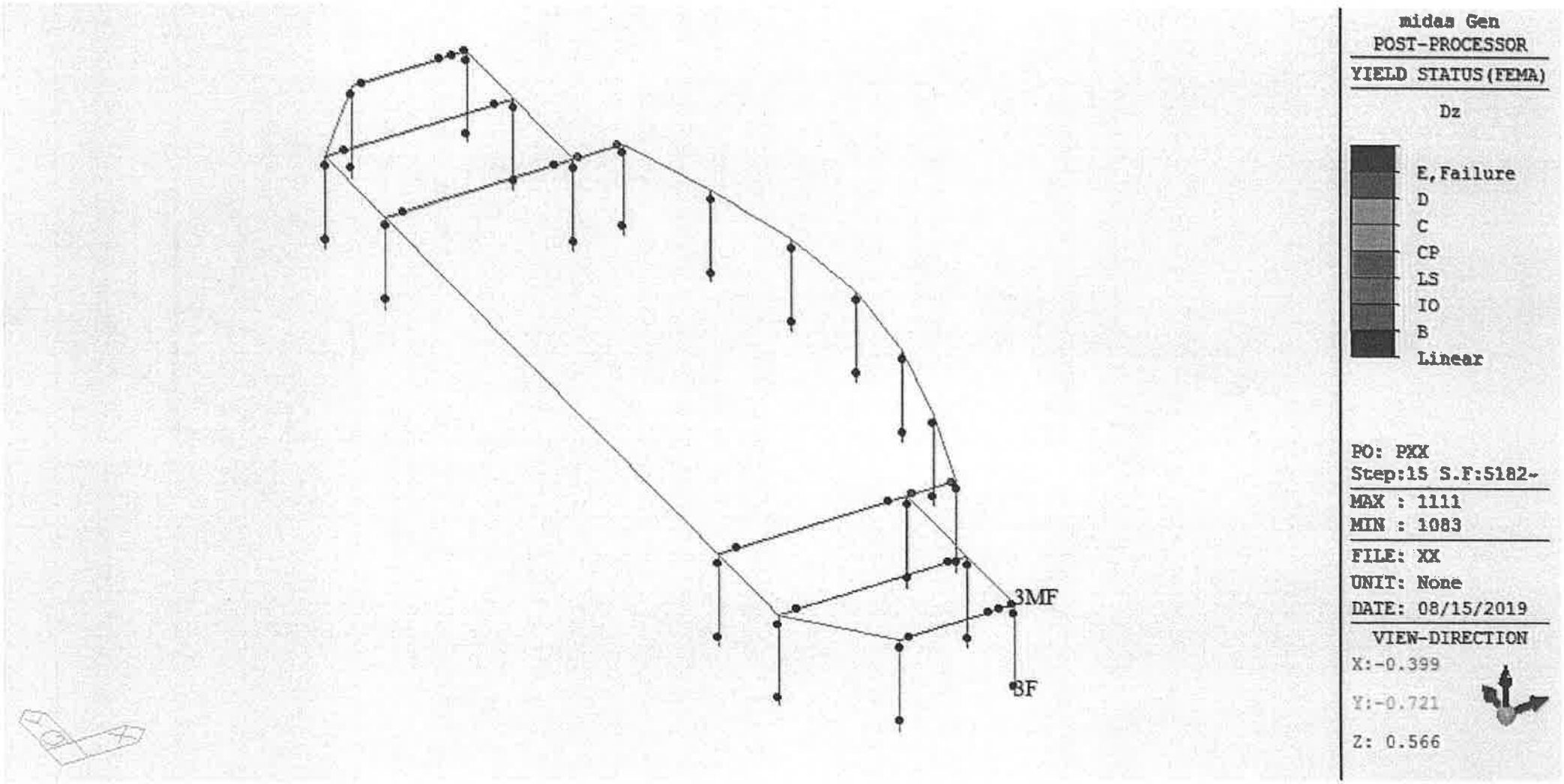
2F
1F


3MF
3F
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POST-PROCESSOR
YIELD STATUS(FEMA)
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E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182~
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MIN : 1083
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
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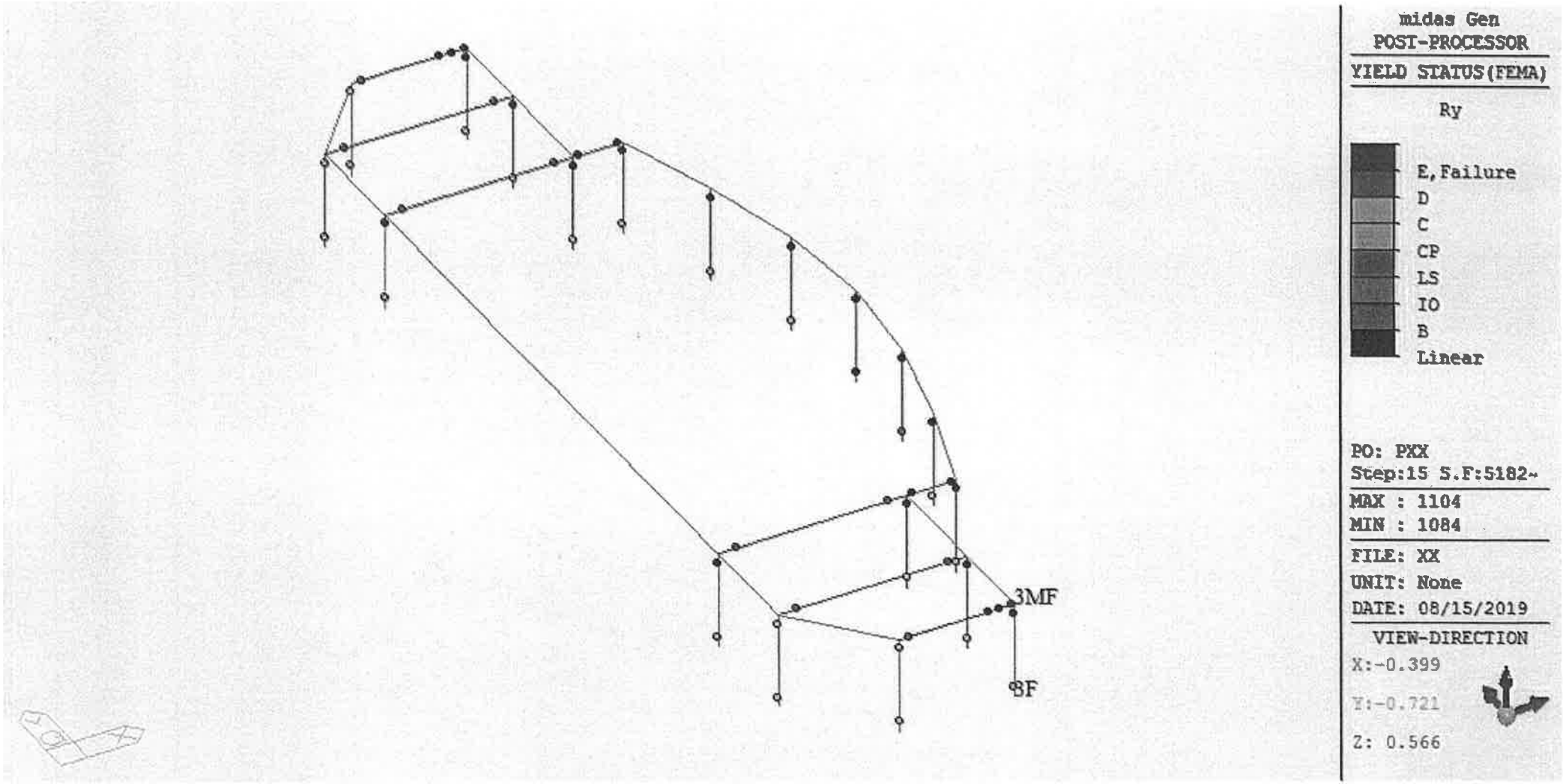
Z: 0.566


3MF
8F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182~
MAX : 1104
MIN : 1084
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
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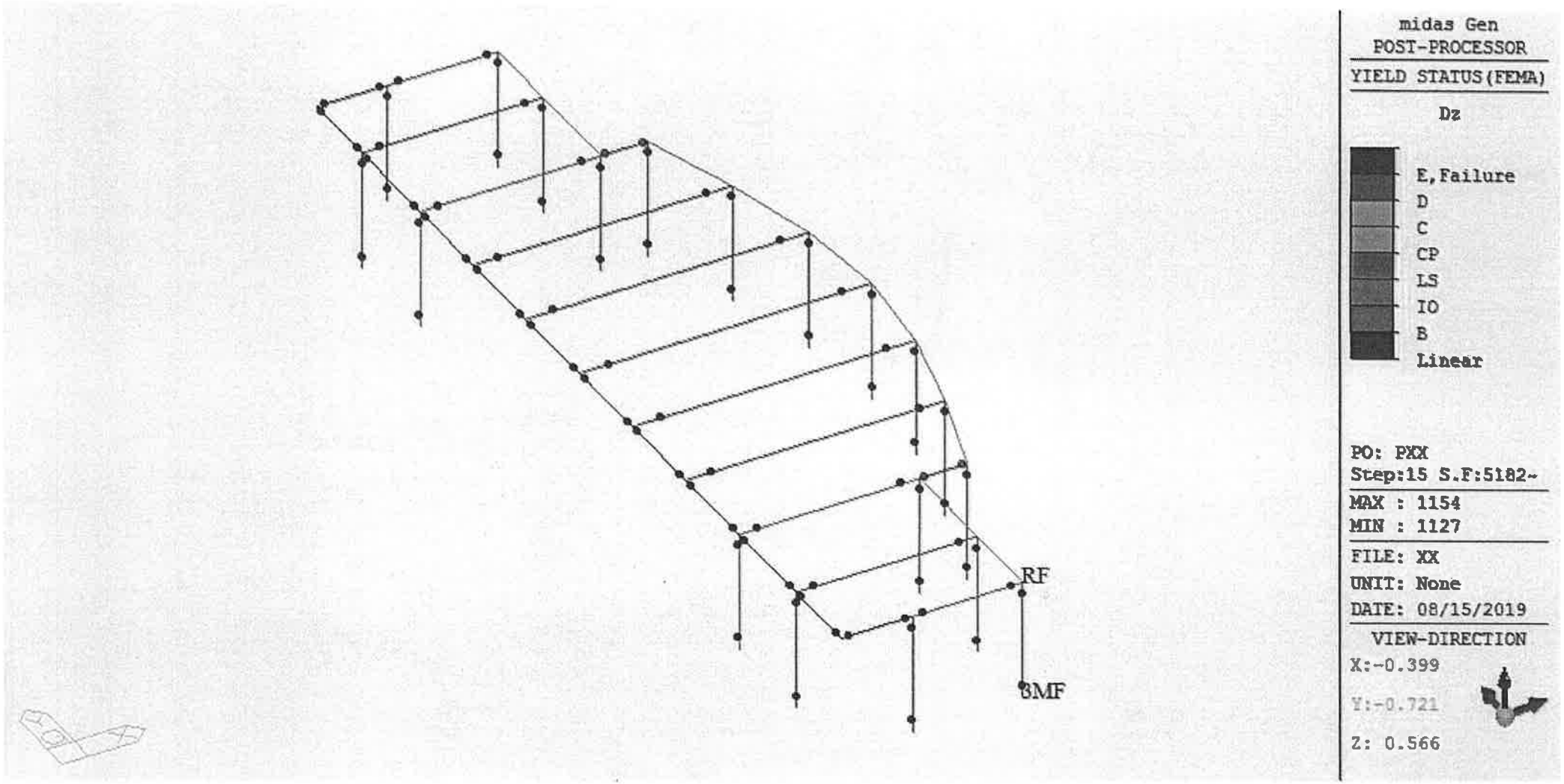
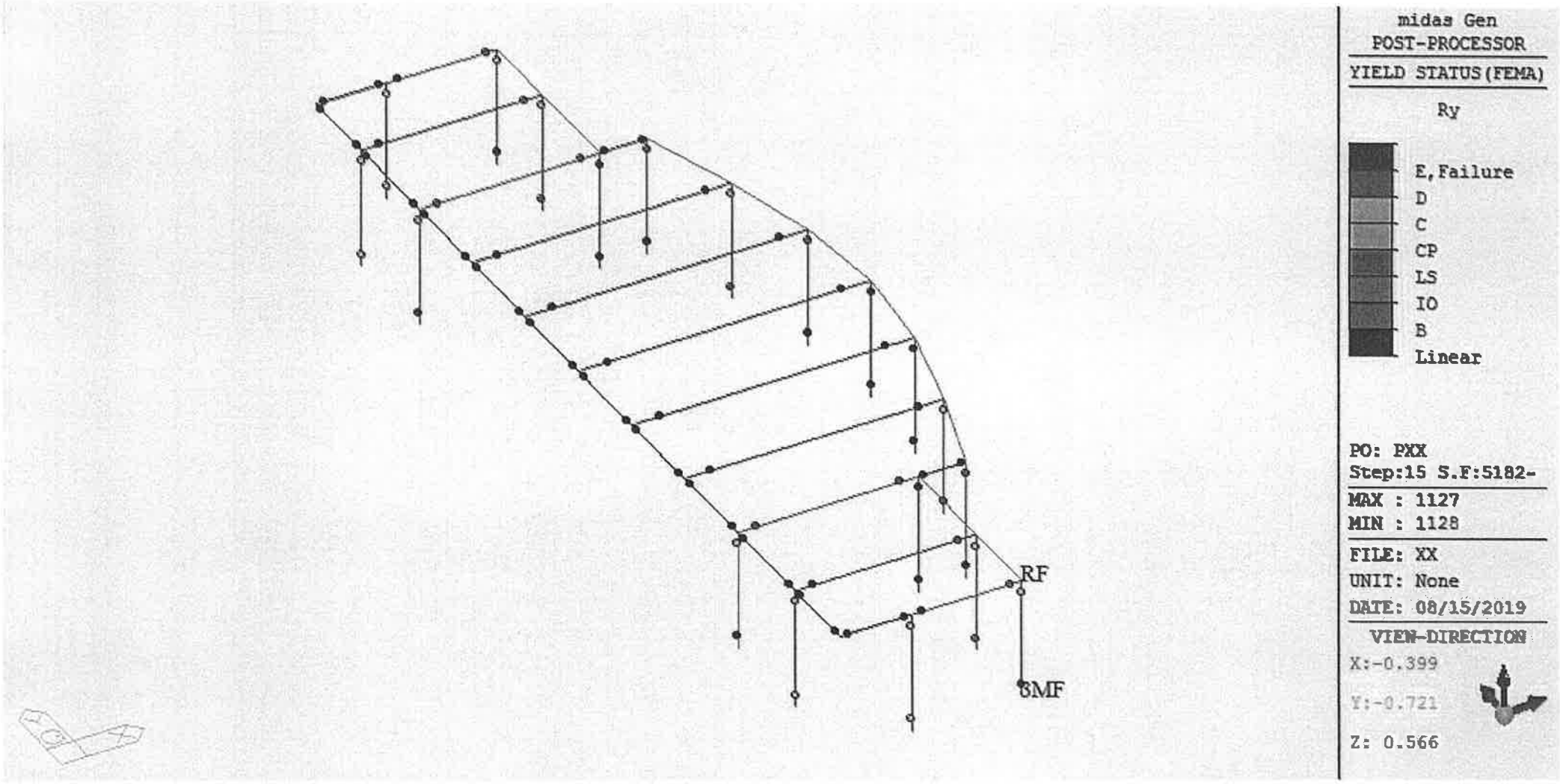
Z: 0.566


midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182~
MAX : 1154
MIN : 1127
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.399
Y:-0.721
Z: 0.566
RF
BMF


RF
3MF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PXX
Step:15 S.F:5182-
MAX : 1127
MIN : 1128
FILE: XX
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.399
Y:-0.721
Z: 0.566

$ PGA CALCULATION

Cofficient k = 0.33

$ Number of floor = 5

$Weight	Height
254414	0.0082
98883	0.0021
1744127	0.0166
1559501	0.0066
1514215	0.0005

$ SITE SPECTRUM PARAMETER

$S_DS	S_D1
0.8	0.675

ALPHA = 0.610721

PF* = 74.6669

$ PGA DATA

$S_a	S_d	A_e	BETA_0	BETA_eq	T_e	T_0	B_s	B_1	Force	Disp.	A_p
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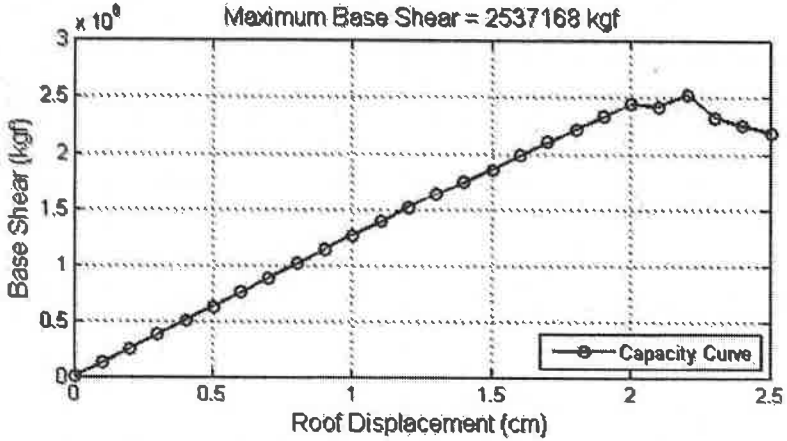
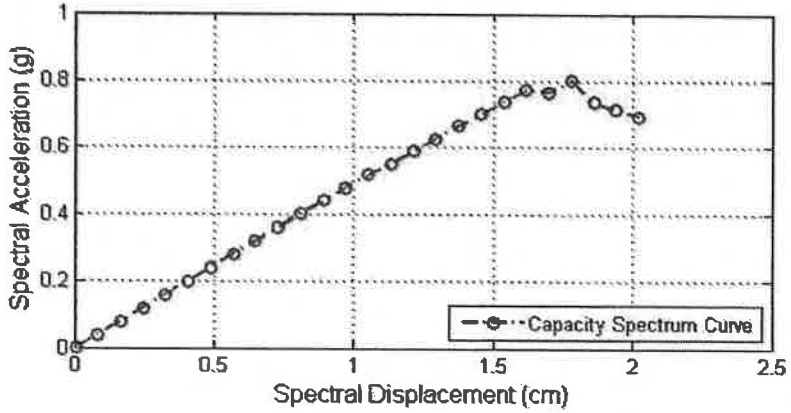
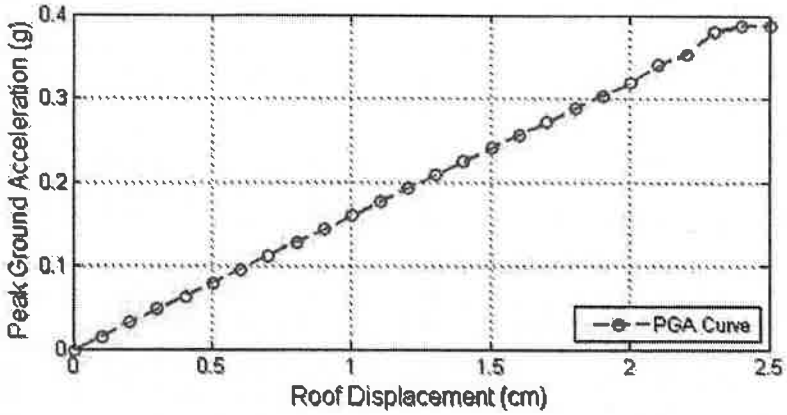
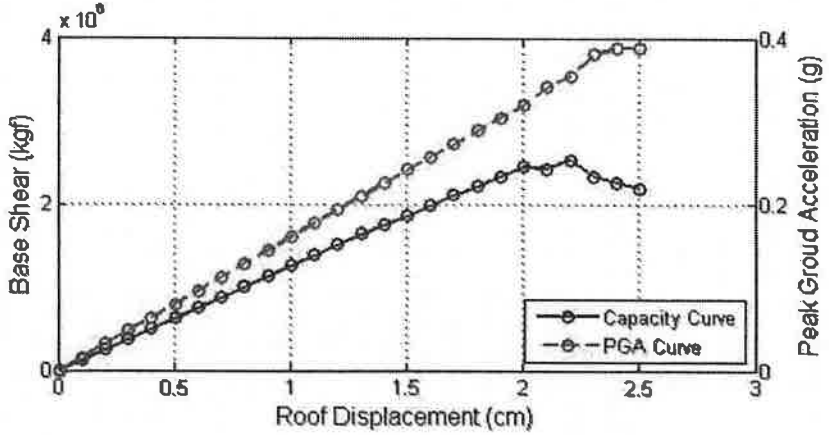
0.0401851	0.08068	0.00178317	0	0.05	0.284246	0.84375	1	1	126910	0.1	0.016074
0.0803703	0.161359	0.00664635	0.015916	0.055252	0.284246	0.850659	1.03466	1.02626	253819	0.2	0.033263
0.120555	0.242039	0.0147516	0.007074	0.052335	0.284246	0.846865	1.01541	1.01167	380728	0.3	0.048965
0.16074	0.322719	0.026099	0.003979	0.051313	0.284246	0.845511	1.00867	1.00657	507638	0.4	0.064853
0.200925	0.403398	0.0406886	0.002546	0.05084	0.284246	0.84488	1.00555	1.0042	634547	0.5	0.080816
0.241111	0.484078	0.0585202	0.001768	0.050584	0.284246	0.844535	1.00385	1.00292	761457	0.6	0.096816
0.281296	0.564757	0.079594	0.001298	0.050428	0.284246	0.844327	1.00283	1.00214	888368	0.7	0.112837
0.32148	0.645437	0.10391	0.000997	0.050329	0.284247	0.844193	1.00217	1.00165	1015270	0.8	0.128871
0.361665	0.726117	0.131468	0.000786	0.05026	0.284246	0.8441	1.00171	1.0013	1142180	0.9	0.144914
0.401796	0.806796	0.162266	0.000715	0.050236	0.284266	0.844068	1.00156	1.00118	1268920	1	0.160969
0.441817	0.887476	0.196297	0.000799	0.050264	0.284317	0.844105	1.00174	1.00132	1395310	1.1	0.177034
0.481747	0.968156	0.233553	0.000956	0.050316	0.284386	0.844175	1.00208	1.00158	1521420	1.2	0.1931
0.51979	1.04884	0.273955	0.003195	0.051055	0.284961	0.845166	1.00696	1.00527	1641560	1.3	0.209363
0.553511	1.12951	0.317252	0.009475	0.053127	0.286568	0.847906	1.02064	1.01563	1748060	1.4	0.225973
0.590226	1.21019	0.36339	0.011133	0.053674	0.287252	0.84862	1.02425	1.01837	1864010	1.5	0.241815
0.629067	1.29087	0.412576	0.010274	0.053391	0.287368	0.848251	1.02238	1.01695	1986670	1.6	0.257258
0.66764	1.37155	0.464885	0.009779	0.053227	0.287528	0.848038	1.0213	1.01614	2108490	1.7	0.272744
0.703843	1.45223	0.52021	0.011383	0.053756	0.288155	0.848728	1.02479	1.01878	2222820	1.8	0.288517
0.740792	1.53291	0.578487	0.011999	0.05396	0.288573	0.848992	1.02613	1.0198	2339510	1.9	0.304061
0.776461	1.61359	0.639692	0.013462	0.054442	0.289189	0.849617	1.02932	1.02221	2452160	2	0.319691
0.769389	1.69427	0.702052	0.049106	0.066205	0.29769	0.863987	1.10695	1.08102	2429820	2.1	0.340671
0.803378	1.77495	0.765497	0.046893	0.065475	0.29818	0.863141	1.10213	1.07737	2537170	2.2	0.354172
0.739956	1.85563	0.827755	0.130943	0.093211	0.317679	0.891721	1.28519	1.21606	2336870	2.3	0.380395
0.716615	1.93631	0.886512	0.176835	0.108356	0.329754	0.897972	1.35256	1.27089	2263160	2.4	0.387706
0.695975	2.01699	0.943496	0.219141	0.122317	0.341508	0.898327	1.39025	1.30579	2197980	2.5	0.387706


x 10^6
Maximum Base Shear = 2537168 kgf
Base Shear (kgf)
Roof Displacement (cm)
Capacity Curve


Spectral Acceleration (g)
Spectral Displacement (cm)
Capacity Spectrum Curve


Peak Ground Acceleration (g)
Roof Displacement (cm)
PGA Curve


x 10^6
Base Shear (kgf)
Peak Groud Acceleration (g)
Roof Displacement (cm)
Capacity Curve
PGA Curve

Drift(YY)

Load Case	Step	Story	Story Height (cm)	Drift at the Center of Mass				
				Story Drift (cm)	Modified Drift (cm)	Drift Factor (Maximum/Current)	Story Drift Ratio	Remark
RMC,Not Used, Cd=1, Ie=1.25, Scale Factor=1, Allowable Ratio=0.02								
PYY(all)	po_0001	3MF	394	-0.0292	-0.0292	1.2388	-0.0001	OK
PYY(all)	po_0002	3MF	394	-0.0585	-0.0585	1.2388	-0.0001	OK
PYY(all)	po_0003	3MF	394	-0.0877	-0.0877	1.2388	-0.0002	OK
PYY(all)	po_0004	3MF	394	-0.1169	-0.1169	1.2388	-0.0003	OK
PYY(all)	po_0005	3MF	394	-0.1461	-0.1461	1.2388	-0.0004	OK
PYY(all)	po_0006	3MF	394	-0.1754	-0.1754	1.2388	-0.0004	OK
PYY(all)	po_0007	3MF	394	-0.2046	-0.2046	1.2388	-0.0005	OK
PYY(all)	po_0008	3MF	394	-0.2338	-0.2338	1.2388	-0.0006	OK
PYY(all)	po_0009	3MF	394	-0.2631	-0.2631	1.2388	-0.0007	OK
PYY(all)	po_0010	3MF	394	-0.2922	-0.2922	1.2391	-0.0007	OK
PYY(all)	po_0011	3MF	394	-0.3212	-0.3212	1.2395	-0.0008	OK
PYY(all)	po_0012	3MF	394	-0.3501	-0.3501	1.2399	-0.0009	OK
PYY(all)	po_0013	3MF	394	-0.3775	-0.3775	1.2406	-0.001	OK
PYY(all)	po_0014	3MF	394	-0.4012	-0.4012	1.2419	-0.001	OK
PYY(all)	po_0015	3MF	394	-0.4274	-0.4274	1.2427	-0.0011	OK
PYY(all)	po_0016	3MF	394	-0.4553	-0.4553	1.2435	-0.0012	OK
PYY(all)	po_0017	3MF	394	-0.4828	-0.4828	1.2446	-0.0012	OK
PYY(all)	po_0018	3MF	394	-0.5059	-0.5059	1.2539	-0.0013	OK
PYY(all)	po_0019	3MF	394	-0.5328	-0.5328	1.2546	-0.0014	OK
PYY(all)	po_0020	3MF	394	-0.559	-0.559	1.2555	-0.0014	OK
PYY(all)	po_0021	3MF	394	-0.5712	-0.5712	1.2654	-0.0014	OK
PYY(all)	po_0022	3MF	394	-0.5972	-0.5972	1.2655	-0.0015	OK
PYY(all)	po_0023	3MF	394	-0.6652	-0.6652	1.2008	-0.0017	OK
PYY(all)	po_0024	3MF	394	-0.7016	-0.7016	1.2186	-0.0018	OK
PYY(all)	po_0025	3MF	394	-0.7326	-0.7326	1.2187	-0.0019	OK
PYY(all)	po_0001	3F	300	-0.0173	-0.0173	2.4657	-0.0001	OK
PYY(all)	po_0002	3F	300	-0.0345	-0.0345	2.4657	-0.0001	OK

PYY(all)	po_0003	3F	300	-0.0518	-0.0518	2.4657	-0.0002	OK
PYY(all)	po_0004	3F	300	-0.0691	-0.0691	2.4657	-0.0002	OK
PYY(all)	po_0005	3F	300	-0.0864	-0.0864	2.4657	-0.0003	OK
PYY(all)	po_0006	3F	300	-0.1036	-0.1036	2.4657	-0.0003	OK
PYY(all)	po_0007	3F	300	-0.1209	-0.1209	2.4657	-0.0004	OK
PYY(all)	po_0008	3F	300	-0.1382	-0.1382	2.4657	-0.0005	OK
PYY(all)	po_0009	3F	300	-0.1554	-0.1554	2.4657	-0.0005	OK
PYY(all)	po_0010	3F	300	-0.1739	-0.1739	2.4553	-0.0006	OK
PYY(all)	po_0011	3F	300	-0.1934	-0.1934	2.4394	-0.0006	OK
PYY(all)	po_0012	3F	300	-0.2128	-0.2128	2.4264	-0.0007	OK
PYY(all)	po_0013	3F	300	-0.2263	-0.2263	2.4501	-0.0008	OK
PYY(all)	po_0014	3F	300	-0.2259	-0.2259	2.557	-0.0008	OK
PYY(all)	po_0015	3F	300	-0.2359	-0.2359	2.5934	-0.0008	OK
PYY(all)	po_0016	3F	300	-0.257	-0.257	2.5591	-0.0009	OK
PYY(all)	po_0017	3F	300	-0.2805	-0.2805	2.5167	-0.0009	OK
PYY(all)	po_0018	3F	300	-0.3535	-0.3535	2.2742	-0.0012	OK
PYY(all)	po_0019	3F	300	-0.3767	-0.3767	2.2585	-0.0013	OK
PYY(all)	po_0020	3F	300	-0.3971	-0.3971	2.2526	-0.0013	OK
PYY(all)	po_0021	3F	300	-0.2752	-0.2752	2.9	-0.0009	OK
PYY(all)	po_0022	3F	300	-0.2877	-0.2877	2.8958	-0.001	OK
PYY(all)	po_0023	3F	300	-0.1008	-0.1008	7.438	-0.0003	OK
PYY(all)	po_0024	3F	300	-0.0463	-0.0463	16.4107	-0.0002	OK
PYY(all)	po_0025	3F	300	-0.048	-0.048	16.4605	-0.0002	OK
PYY(all)	po_0001	2F	336	-0.0393	-0.0393	1.1456	-0.0001	OK
PYY(all)	po_0002	2F	336	-0.0785	-0.0785	1.1456	-0.0002	OK
PYY(all)	po_0003	2F	336	-0.1178	-0.1178	1.1456	-0.0004	OK
PYY(all)	po_0004	2F	336	-0.157	-0.157	1.1456	-0.0005	OK
PYY(all)	po_0005	2F	336	-0.1963	-0.1963	1.1456	-0.0006	OK
PYY(all)	po_0006	2F	336	-0.2355	-0.2355	1.1456	-0.0007	OK
PYY(all)	po_0007	2F	336	-0.2748	-0.2748	1.1456	-0.0008	OK
PYY(all)	po_0008	2F	336	-0.314	-0.314	1.1456	-0.0009	OK

PYY(all)	po_0009	2F	336	-0.3533	-0.3533	1.1456	-0.0011	OK
PYY(all)	po_0010	2F	336	-0.3931	-0.3931	1.1458	-0.0012	OK
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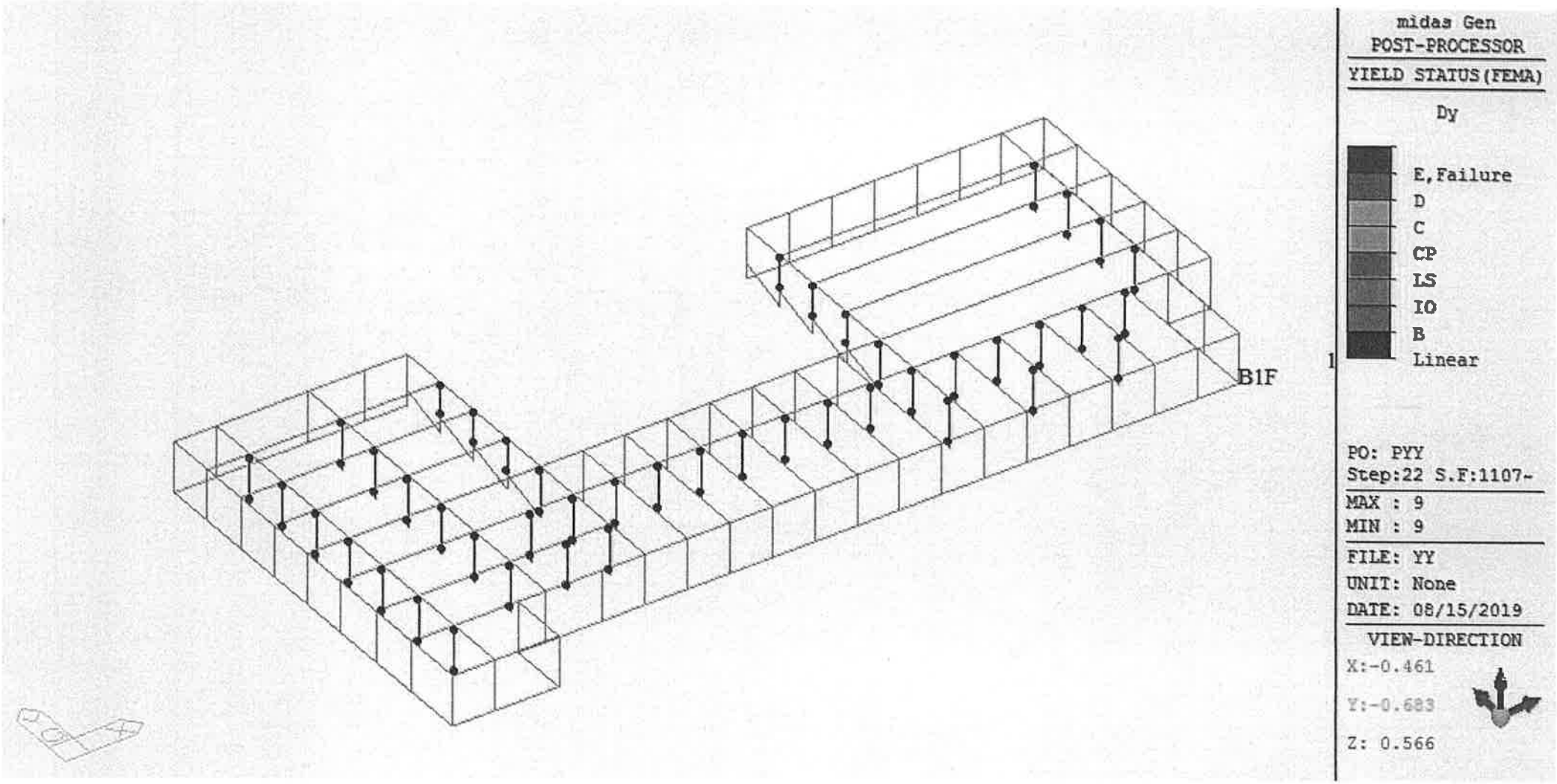
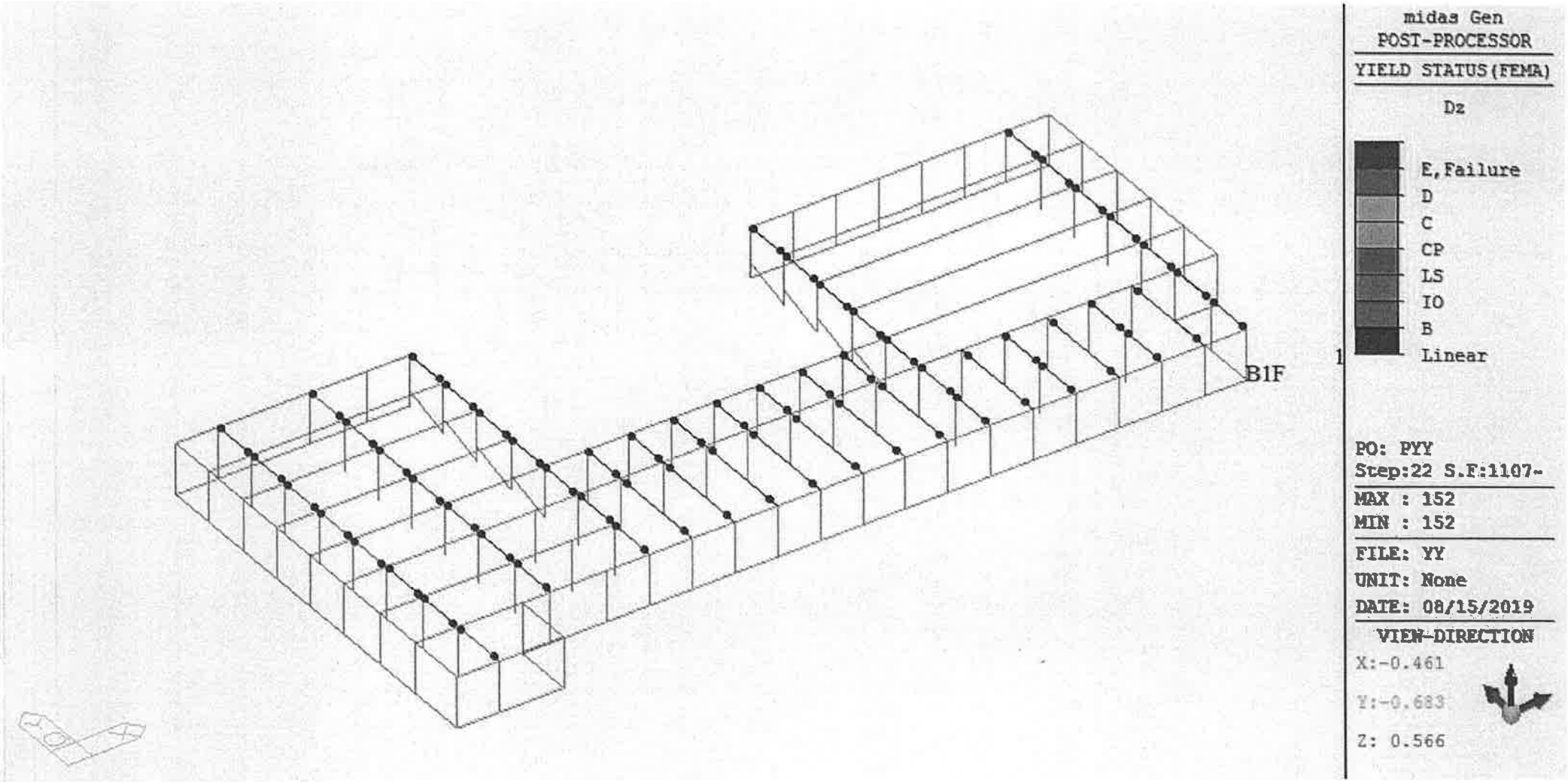
PYY(all)	po_0012	2F	336	-0.4731	-0.4731	1.1458	-0.0014	OK
PYY(all)	po_0013	2F	336	-0.513	-0.513	1.142	-0.0015	OK
PYY(all)	po_0014	2F	336	-0.553	-0.553	1.13	-0.0016	OK
PYY(all)	po_0015	2F	336	-0.5932	-0.5932	1.125	-0.0018	OK
PYY(all)	po_0016	2F	336	-0.6345	-0.6345	1.1247	-0.0019	OK
PYY(all)	po_0017	2F	336	-0.6763	-0.6763	1.1237	-0.002	OK
PYY(all)	po_0018	2F	336	-0.7459	-0.7459	1.147	-0.0022	OK
PYY(all)	po_0019	2F	336	-0.7871	-0.7871	1.1462	-0.0023	OK
PYY(all)	po_0020	2F	336	-0.8272	-0.8272	1.1452	-0.0025	OK
PYY(all)	po_0021	2F	336	-0.8181	-0.8181	1.1394	-0.0024	OK
PYY(all)	po_0022	2F	336	-0.8554	-0.8554	1.1387	-0.0025	OK
PYY(all)	po_0023	2F	336	-0.7868	-0.7868	1.1417	-0.0023	OK
PYY(all)	po_0024	2F	336	-0.7889	-0.7889	1.1428	-0.0023	OK
PYY(all)	po_0025	2F	336	-0.8208	-0.8208	1.1428	-0.0024	OK
PYY(all)	po_0001	1F	300	-0.0263	-0.0263	1.4803	-0.0001	OK
PYY(all)	po_0002	1F	300	-0.0526	-0.0526	1.4803	-0.0002	OK
PYY(all)	po_0003	1F	300	-0.079	-0.079	1.4803	-0.0003	OK
PYY(all)	po_0004	1F	300	-0.1053	-0.1053	1.4803	-0.0004	OK
PYY(all)	po_0005	1F	300	-0.1316	-0.1316	1.4803	-0.0004	OK
PYY(all)	po_0006	1F	300	-0.1579	-0.1579	1.4803	-0.0005	OK
PYY(all)	po_0007	1F	300	-0.1842	-0.1842	1.4803	-0.0006	OK
PYY(all)	po_0008	1F	300	-0.2105	-0.2105	1.4803	-0.0007	OK
PYY(all)	po_0009	1F	300	-0.2369	-0.2369	1.4803	-0.0008	OK
PYY(all)	po_0010	1F	300	-0.2634	-0.2634	1.4811	-0.0009	OK
PYY(all)	po_0011	1F	300	-0.2903	-0.2903	1.4825	-0.001	OK
PYY(all)	po_0012	1F	300	-0.3174	-0.3174	1.4835	-0.0011	OK
PYY(all)	po_0013	1F	300	-0.3435	-0.3435	1.4832	-0.0011	OK
PYY(all)	po_0014	1F	300	-0.367	-0.367	1.4812	-0.0012	OK

PYY(all)	po_0015	1F	300	-0.3927	-0.3927	1.4811	-0.0013	OK
PYY(all)	po_0016	1F	300	-0.4208	-0.4208	1.4834	-0.0014	OK
PYY(all)	po_0017	1F	300	-0.45	-0.45	1.487	-0.0015	OK
PYY(all)	po_0018	1F	300	-0.4794	-0.4794	1.491	-0.0016	OK
PYY(all)	po_0019	1F	300	-0.51	-0.51	1.4904	-0.0017	OK
PYY(all)	po_0020	1F	300	-0.5411	-0.5411	1.4876	-0.0018	OK
PYY(all)	po_0021	1F	300	-0.5585	-0.5585	1.4167	-0.0019	OK
PYY(all)	po_0022	1F	300	-0.5886	-0.5886	1.4136	-0.002	OK
PYY(all)	po_0023	1F	300	-0.546	-0.546	1.4012	-0.0018	OK
PYY(all)	po_0024	1F	300	-0.5476	-0.5476	1.4012	-0.0018	OK
PYY(all)	po_0025	1F	300	-0.5697	-0.5697	1.4014	-0.0019	OK
PYY(all)	po_0001	B1F	365	-0.0023	-0.0023	1.2166	0	OK
PYY(all)	po_0002	B1F	365	-0.0046	-0.0046	1.2166	0	OK
PYY(all)	po_0003	B1F	365	-0.007	-0.007	1.2166	0	OK
PYY(all)	po_0004	B1F	365	-0.0093	-0.0093	1.2166	0	OK
PYY(all)	po_0005	B1F	365	-0.0116	-0.0116	1.2166	0	OK
PYY(all)	po_0006	B1F	365	-0.0139	-0.0139	1.2166	0	OK
PYY(all)	po_0007	B1F	365	-0.0162	-0.0162	1.2166	0	OK
PYY(all)	po_0008	B1F	365	-0.0185	-0.0185	1.2166	-0.0001	OK
PYY(all)	po_0009	B1F	365	-0.0209	-0.0209	1.2166	-0.0001	OK
PYY(all)	po_0010	B1F	365	-0.0232	-0.0232	1.2165	-0.0001	OK
PYY(all)	po_0011	B1F	365	-0.0256	-0.0256	1.2163	-0.0001	OK
PYY(all)	po_0012	B1F	365	-0.028	-0.028	1.2161	-0.0001	OK
PYY(all)	po_0013	B1F	365	-0.0303	-0.0303	1.2161	-0.0001	OK
PYY(all)	po_0014	B1F	365	-0.0323	-0.0323	1.2167	-0.0001	OK
PYY(all)	po_0015	B1F	365	-0.0345	-0.0345	1.2175	-0.0001	OK
PYY(all)	po_0016	B1F	365	-0.0368	-0.0368	1.2178	-0.0001	OK
PYY(all)	po_0017	B1F	365	-0.0392	-0.0392	1.2176	-0.0001	OK
PYY(all)	po_0018	B1F	365	-0.0416	-0.0416	1.2178	-0.0001	OK
PYY(all)	po_0019	B1F	365	-0.0441	-0.0441	1.2177	-0.0001	OK
PYY(all)	po_0020	B1F	365	-0.0466	-0.0466	1.218	-0.0001	OK

PYY(all)	po_0021	B1F	365	-0.0478	-0.0478	1.2264	-0.0001	OK
PYY(all)	po_0022	B1F	365	-0.0502	-0.0502	1.2261	-0.0001	OK
PYY(all)	po_0023	B1F	365	-0.0465	-0.0465	1.2277	-0.0001	OK
PYY(all)	po_0024	B1F	365	-0.0467	-0.0467	1.2278	-0.0001	OK
PYY(all)	po_0025	B1F	365	-0.0485	-0.0485	1.2277	-0.0001	OK


B1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 9
MIN : 9
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566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POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
1
PO: PYY
Step:22 S.F:1107-
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FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
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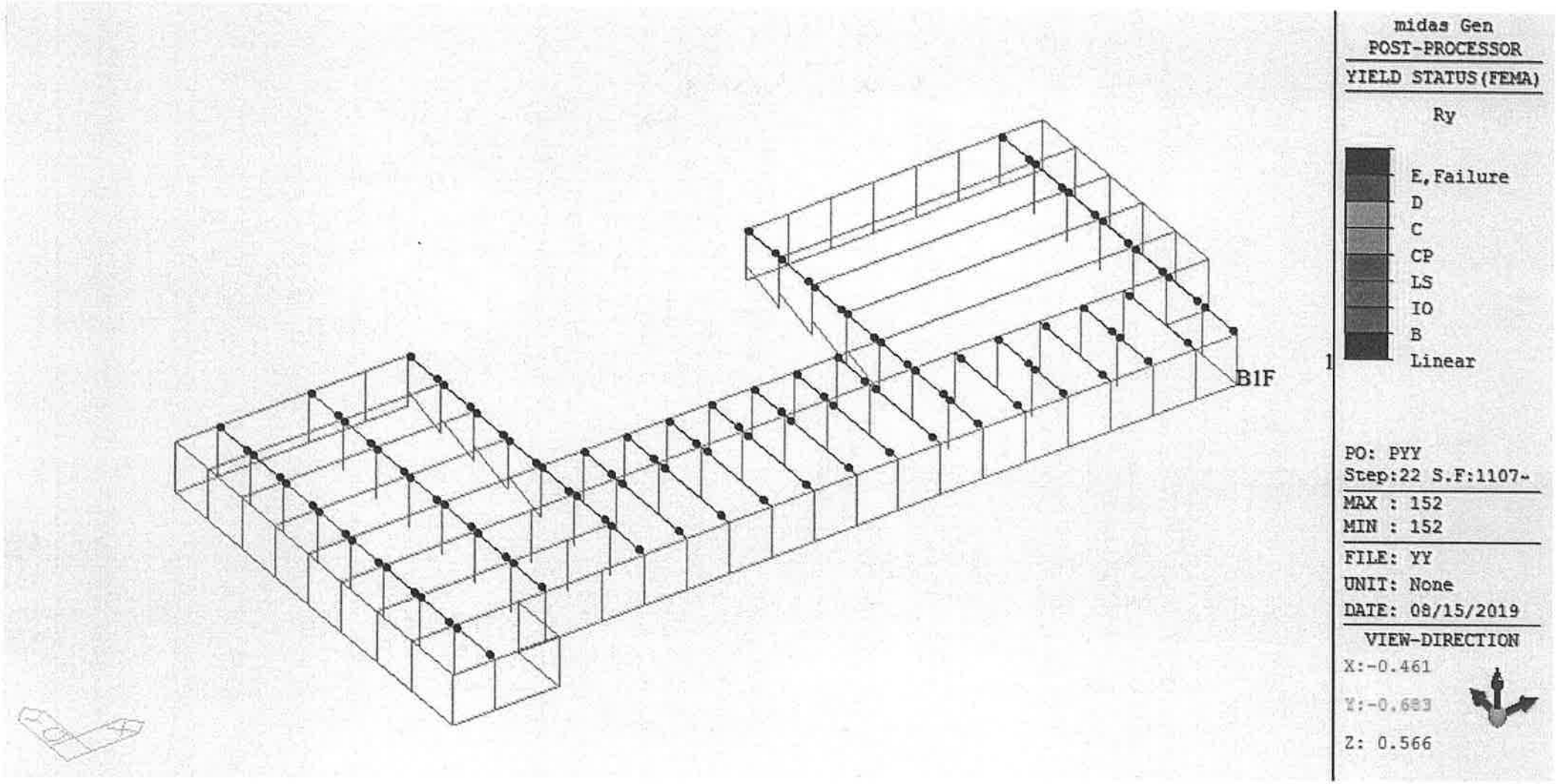
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POST-PROCESSOR
YIELD STATUS(FEMA)
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E,Failure
D
C
CP
LS
IO
B
Linear
1
B1F
PO: PYY
Step:22 S.F:1107~
MAX : 152
MIN : 152
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
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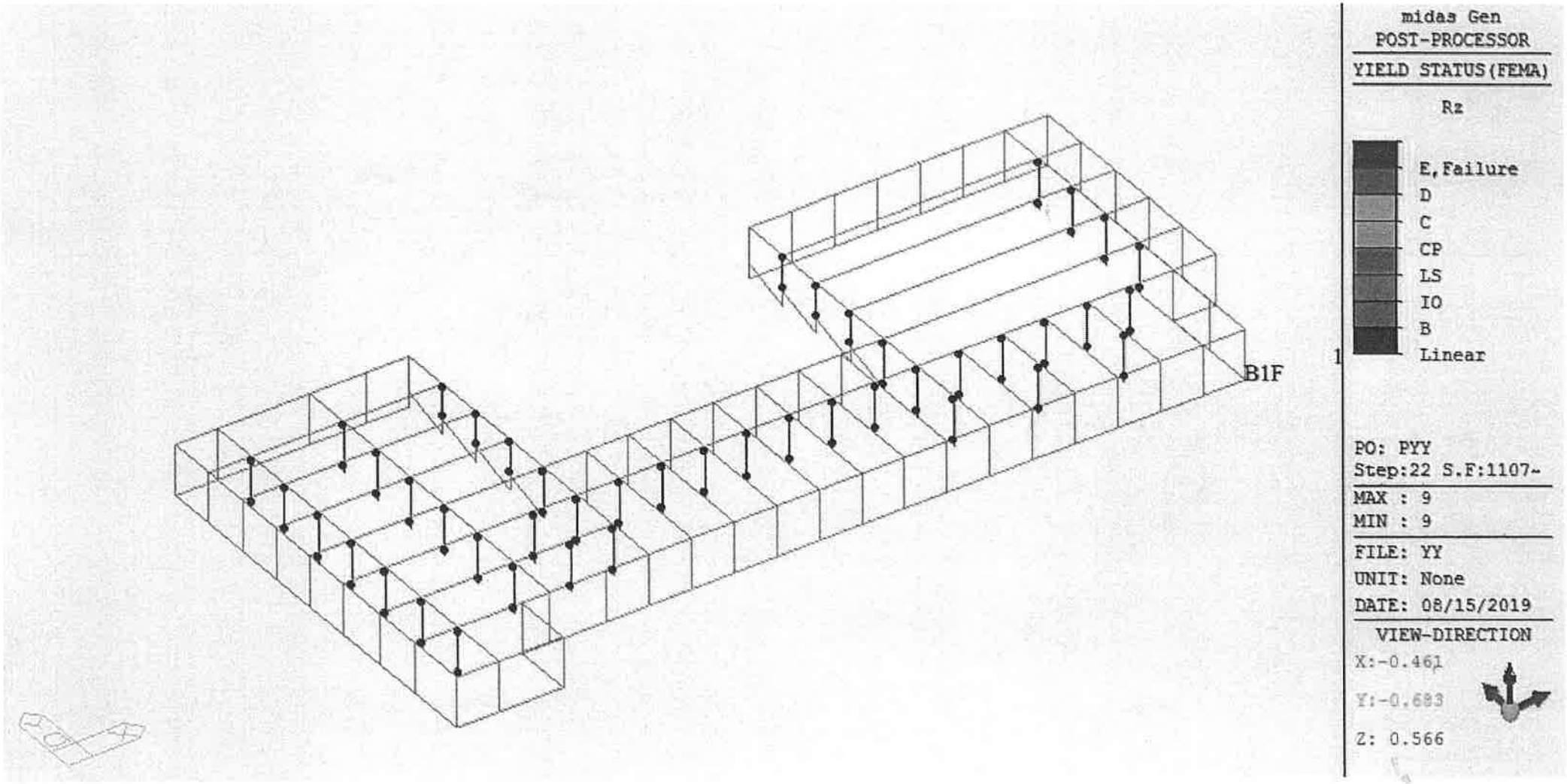
Z: 0.566


B1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E, Failure
D
C
CP
LS
IO
B
Linear
1
PO: PYY
Step:22 S.F:1107~
MAX : 9
MIN : 9
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
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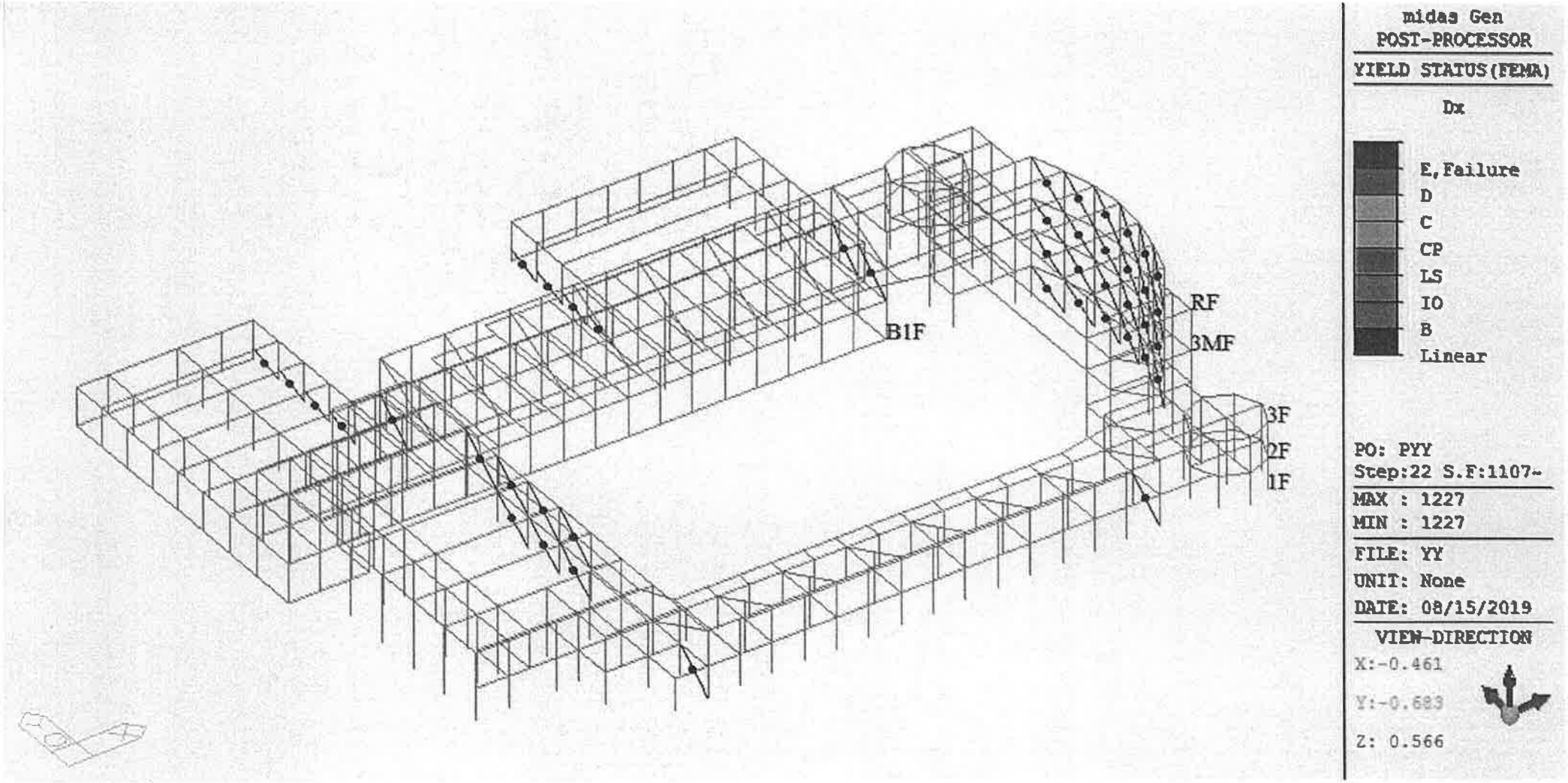
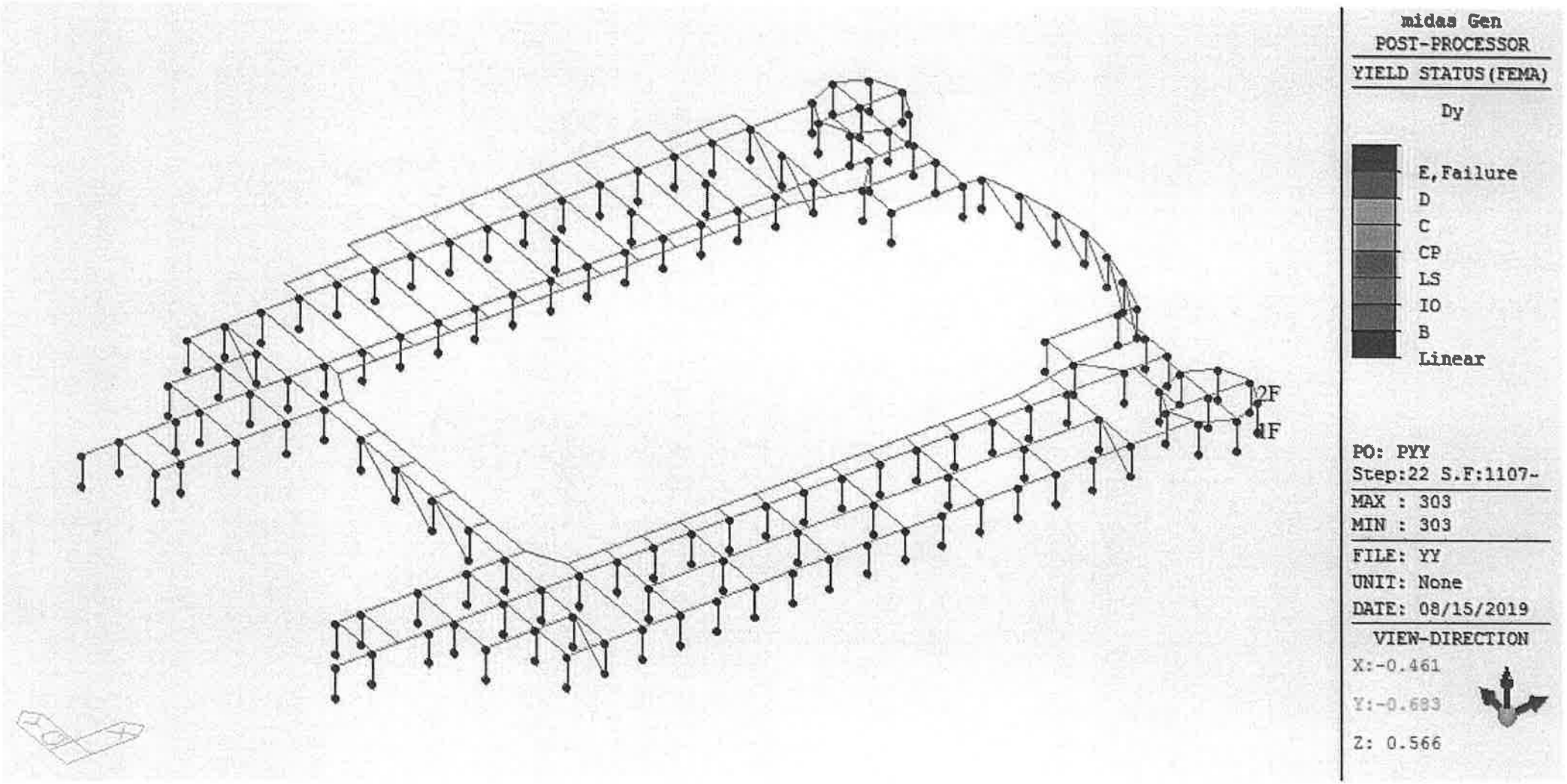
Y:-0.683
Z: 0.566


B1F
RF
3MF
3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dx
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 1227
MIN : 1227
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566


2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 303
MIN : 303
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
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Y:-0.683
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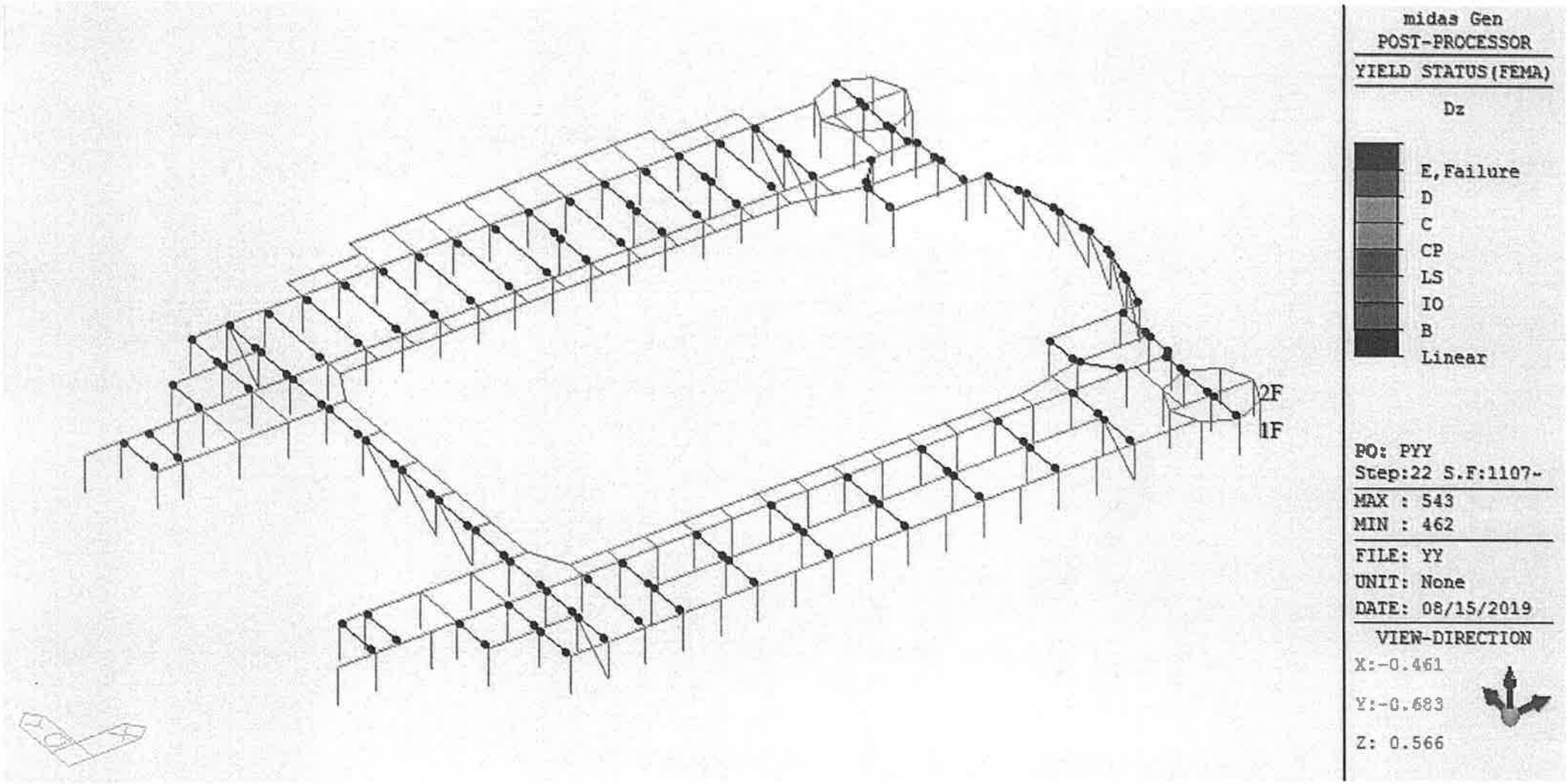
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
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Step:22 S.F:1107~
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FILE: YY
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DATE: 08/15/2019
VIEW-DIRECTION
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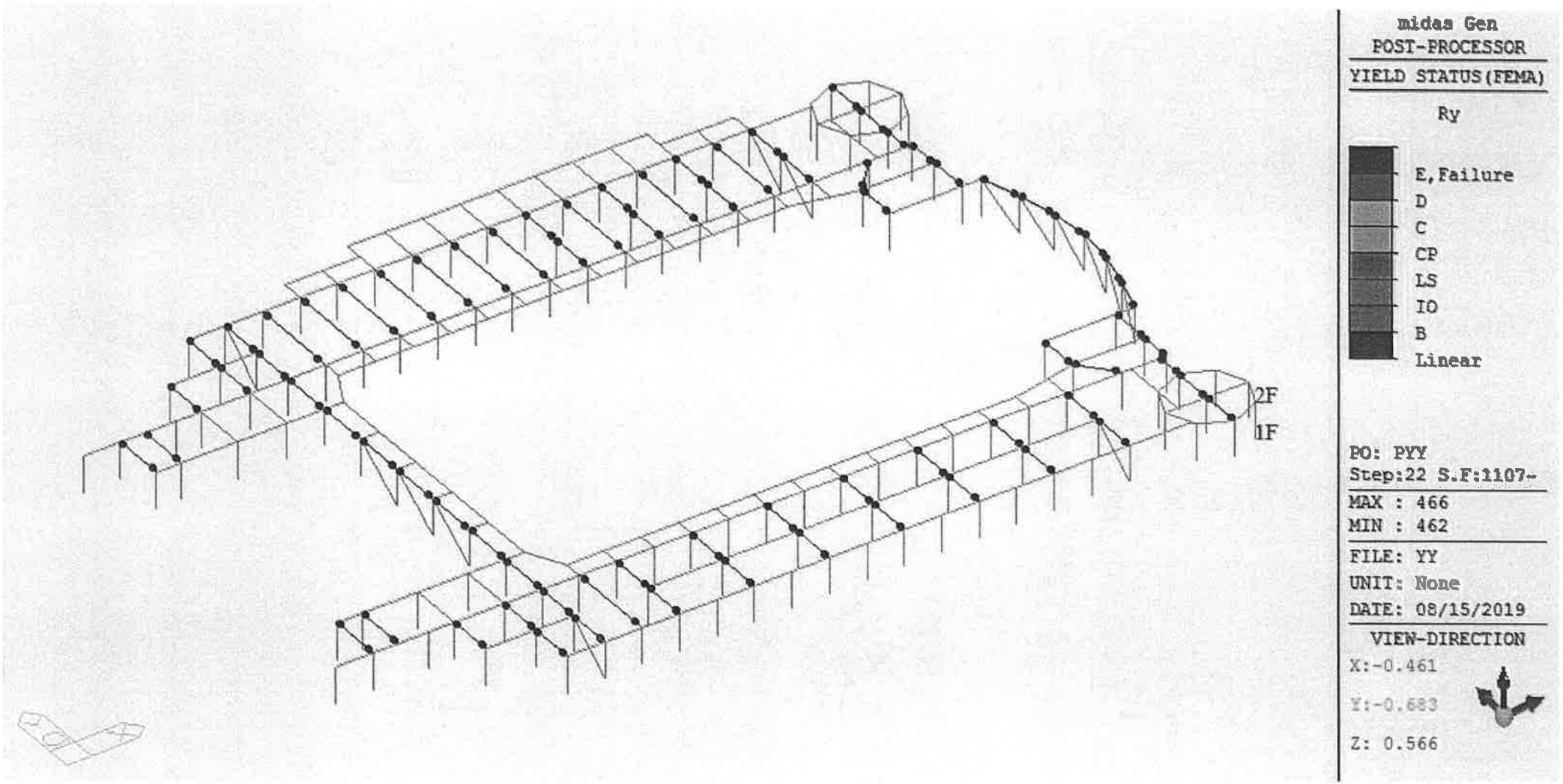
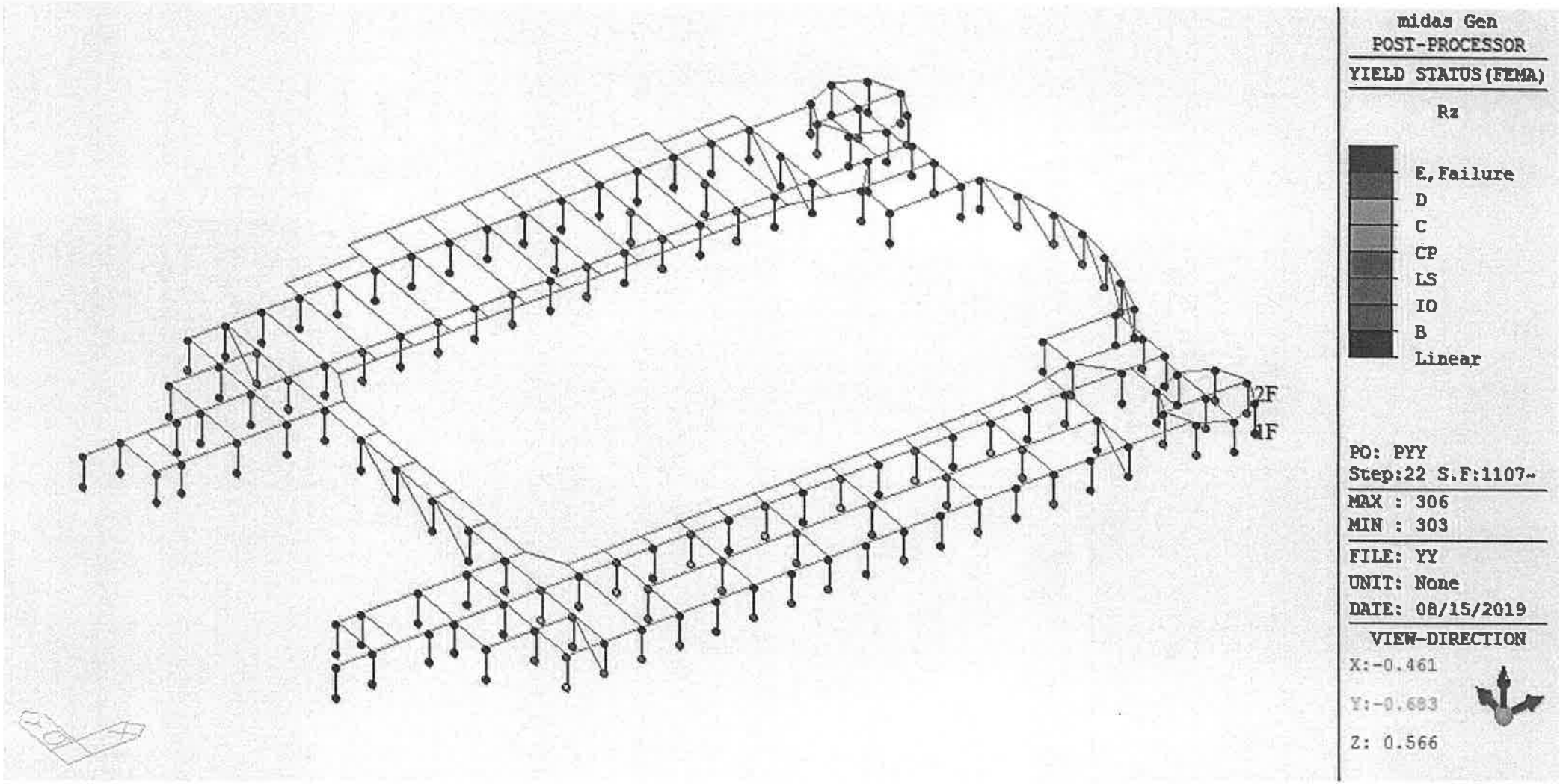
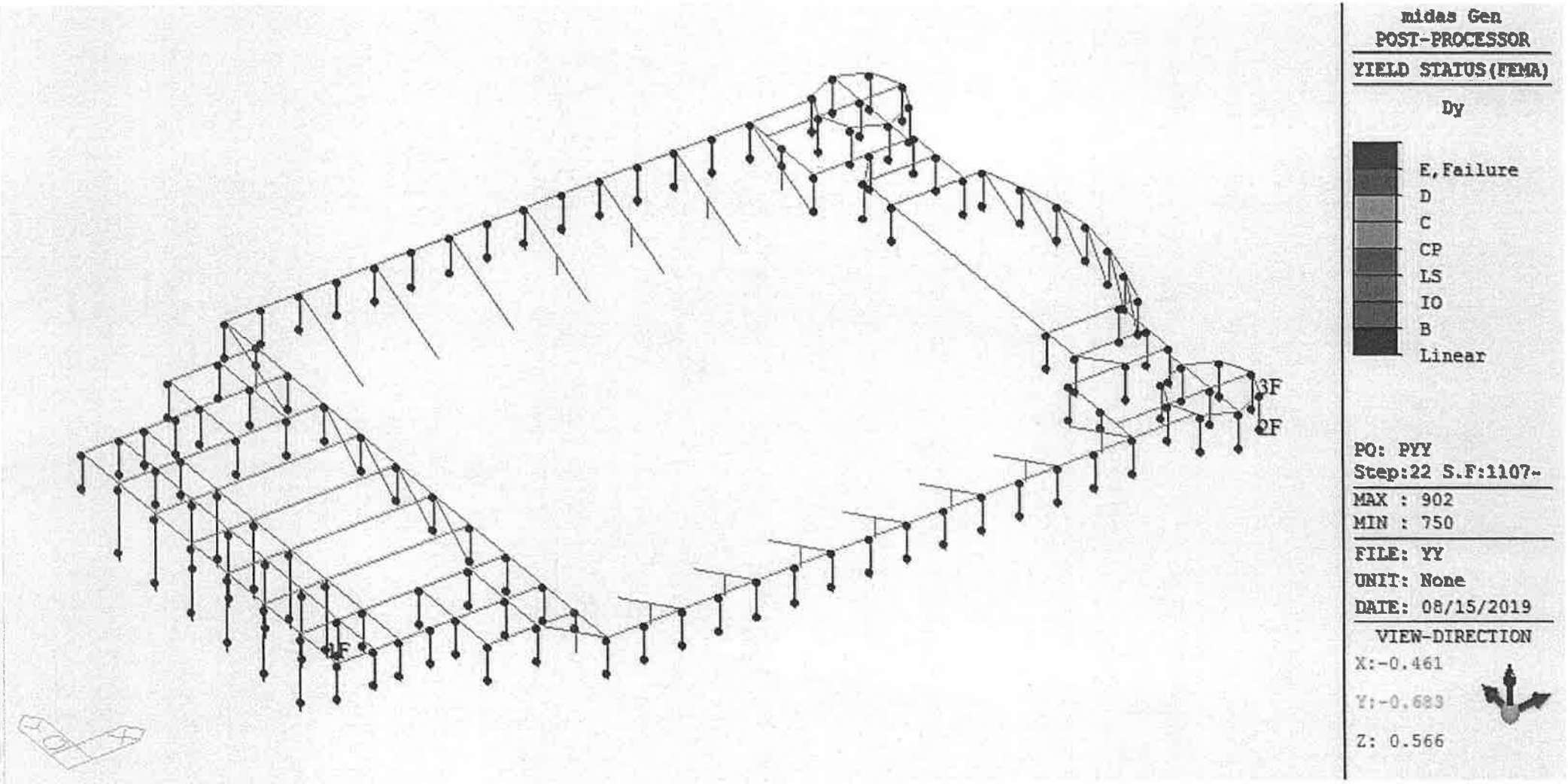
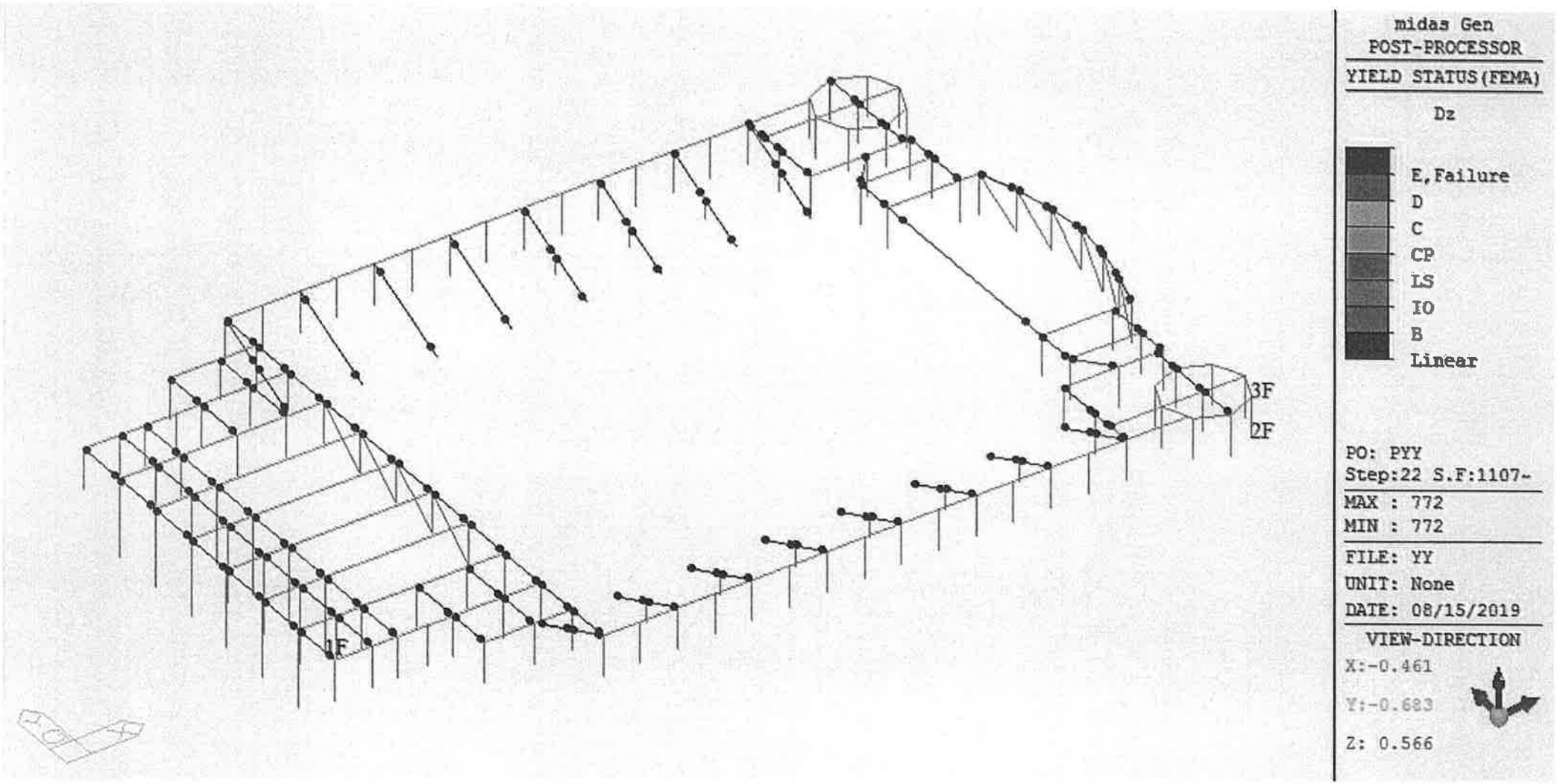
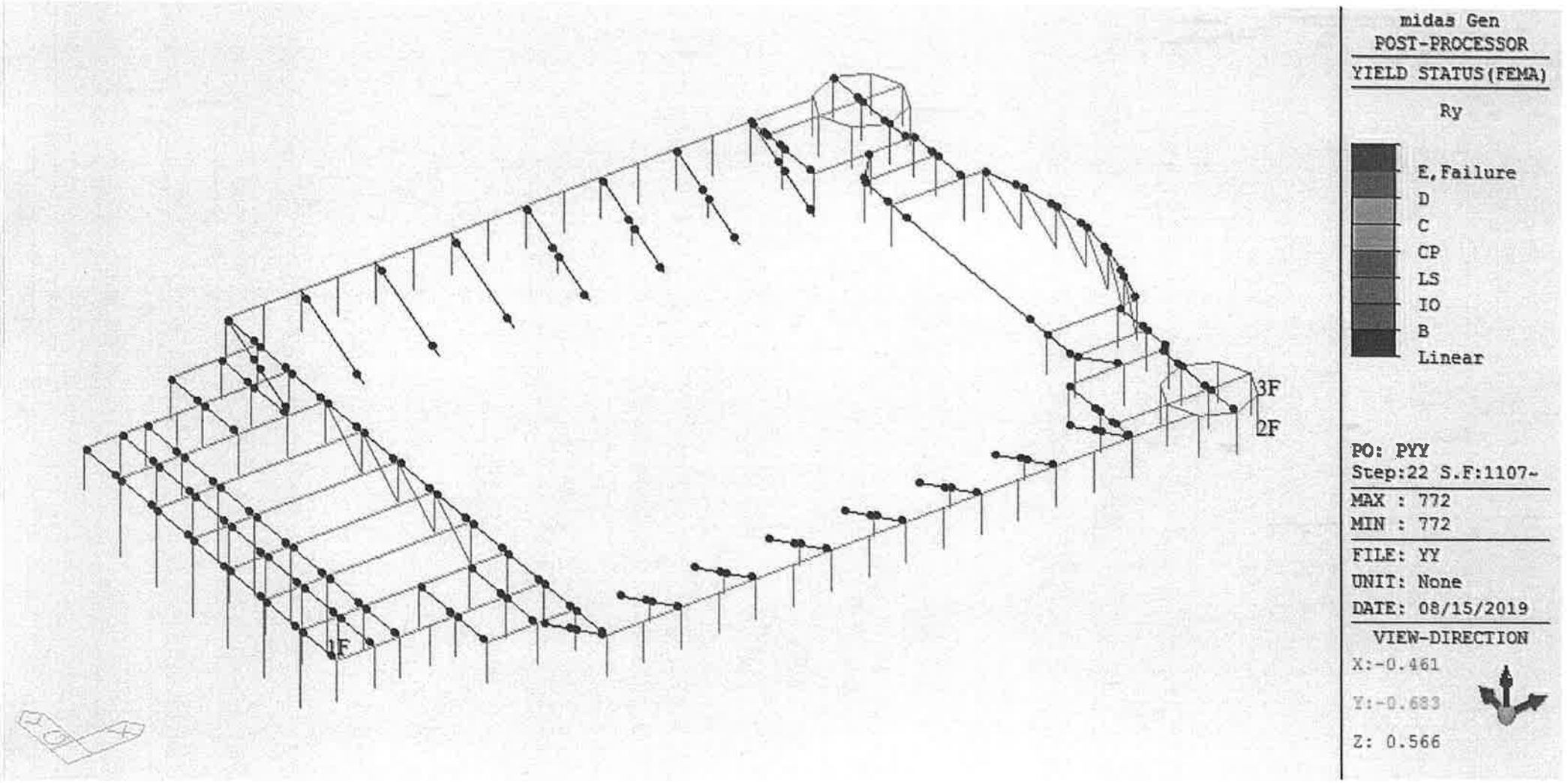
Z: 0.566

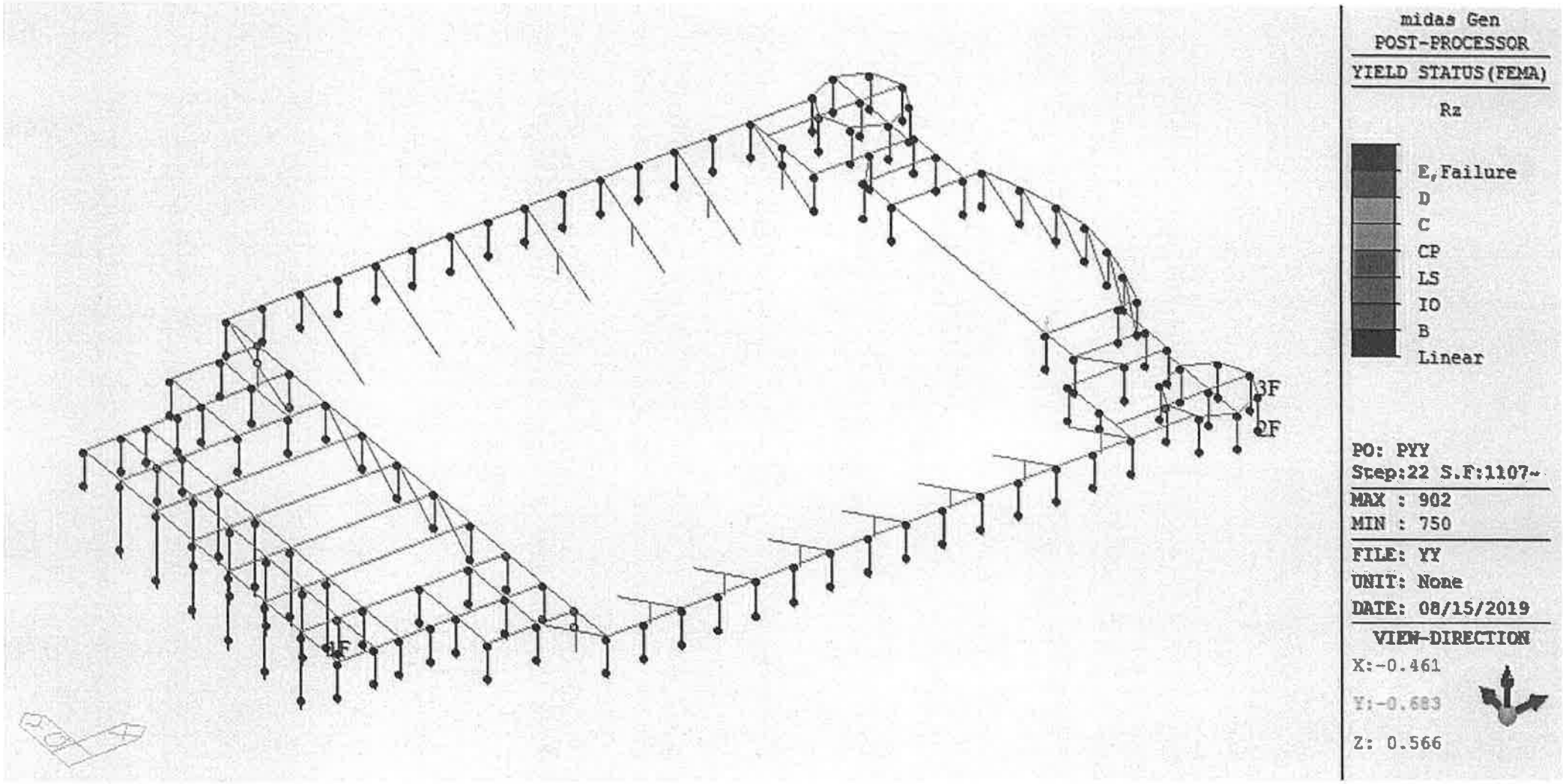

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
2F
1F
PO: PYY
Step:22 S.F:1107-
MAX : 466
MIN : 462
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566

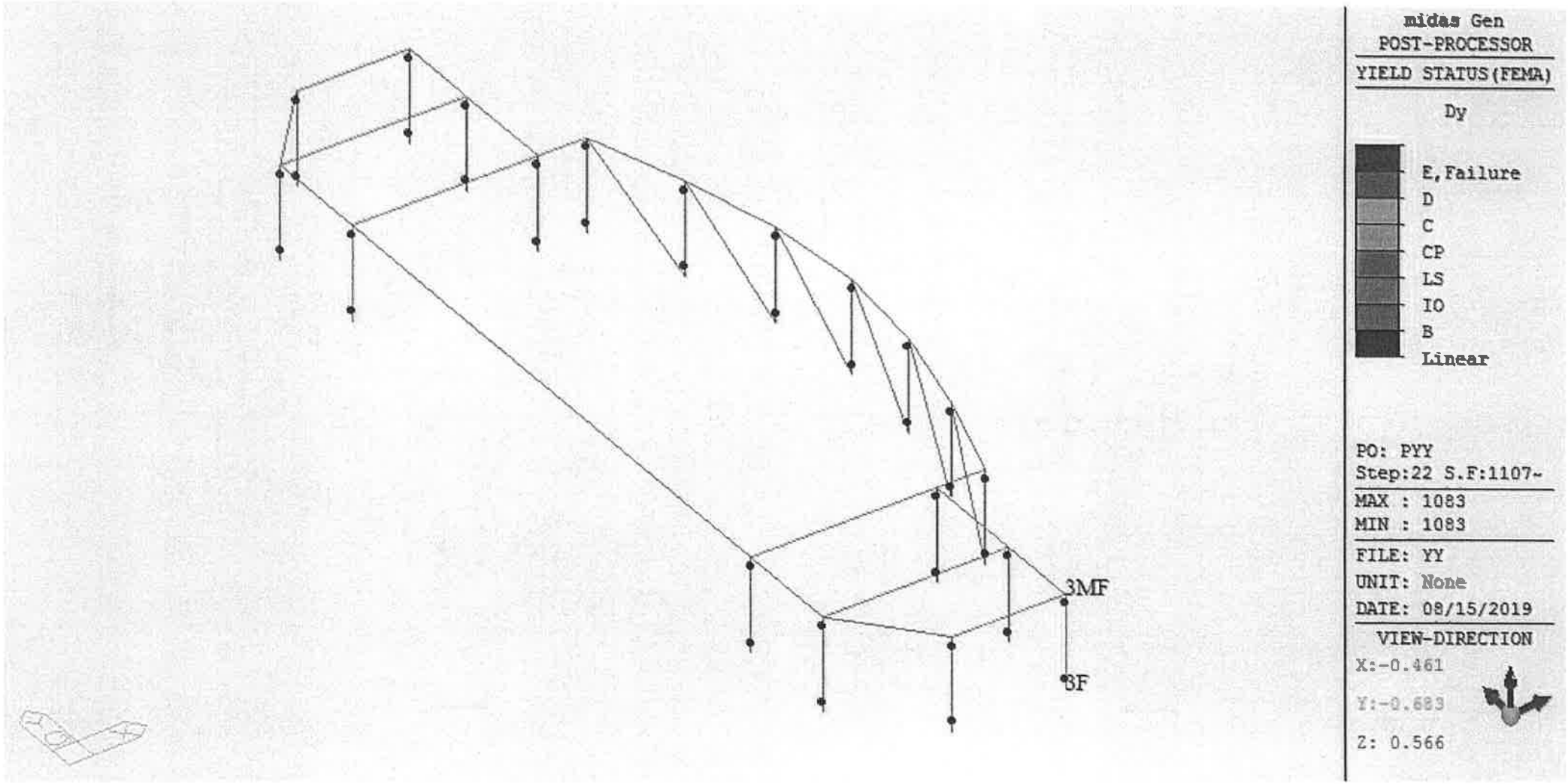

2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 306
MIN : 303
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.693
Z: 0.566

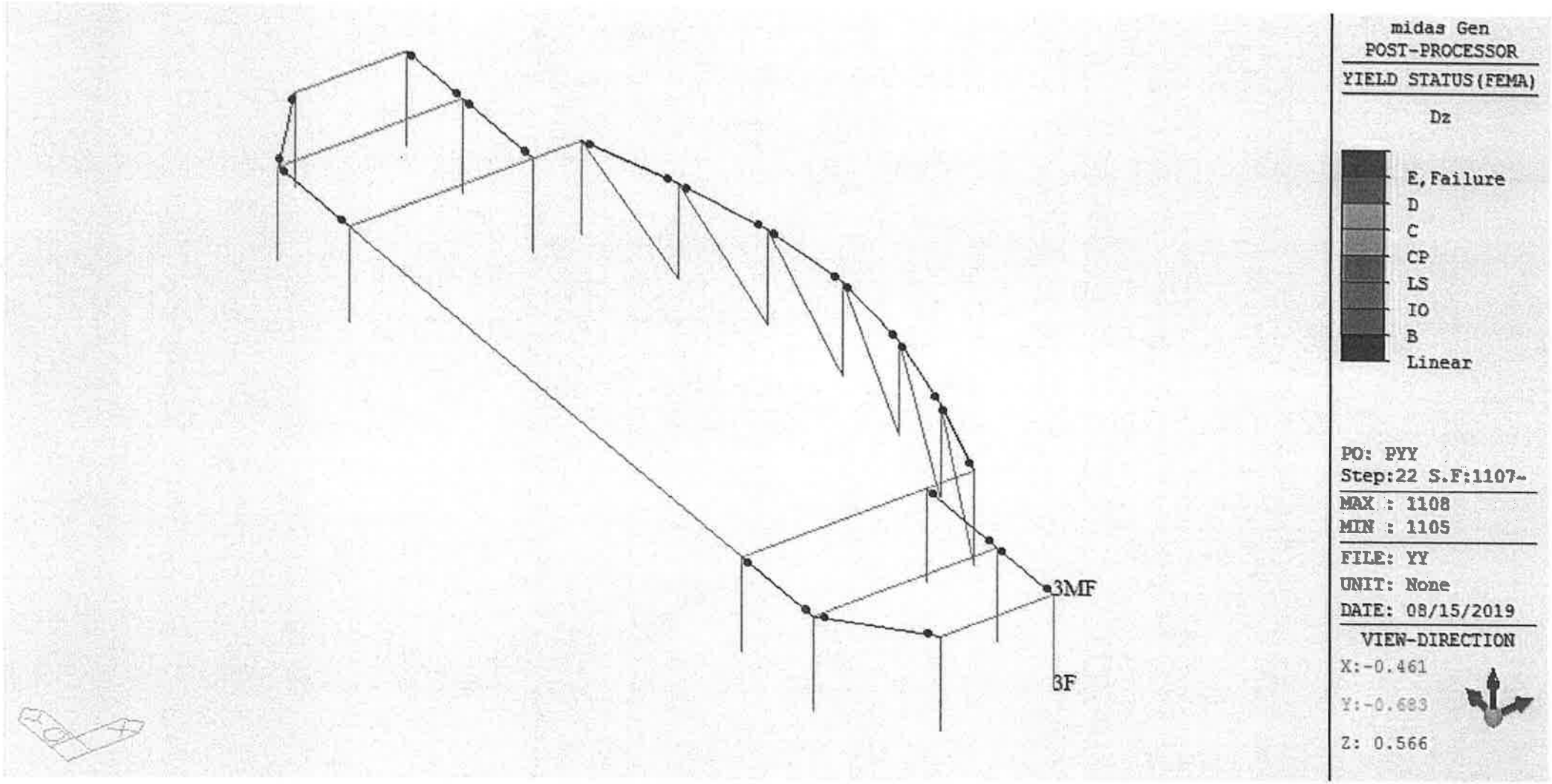

3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 902
MIN : 750
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566

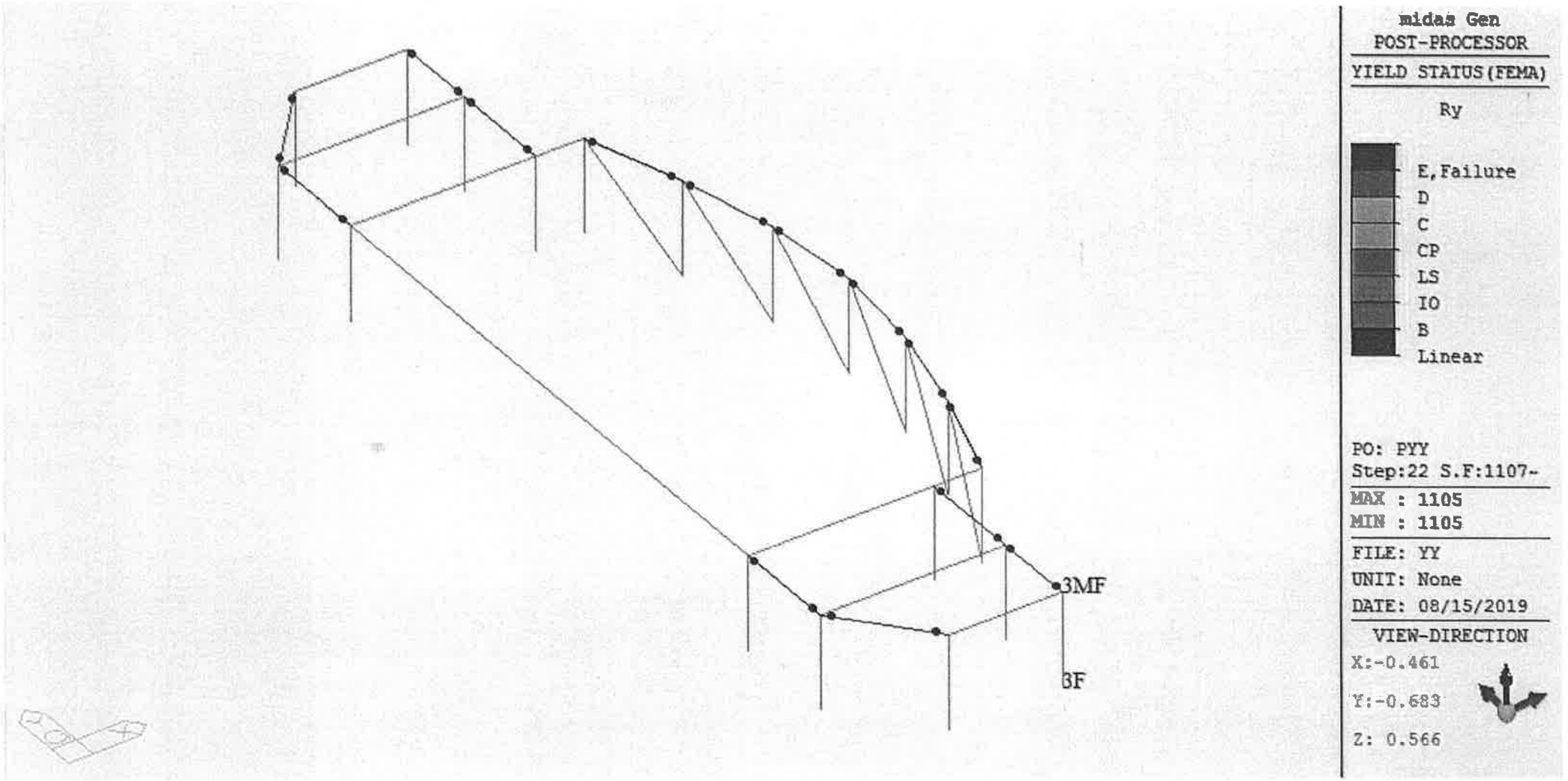

3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 772
MIN : 772
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566

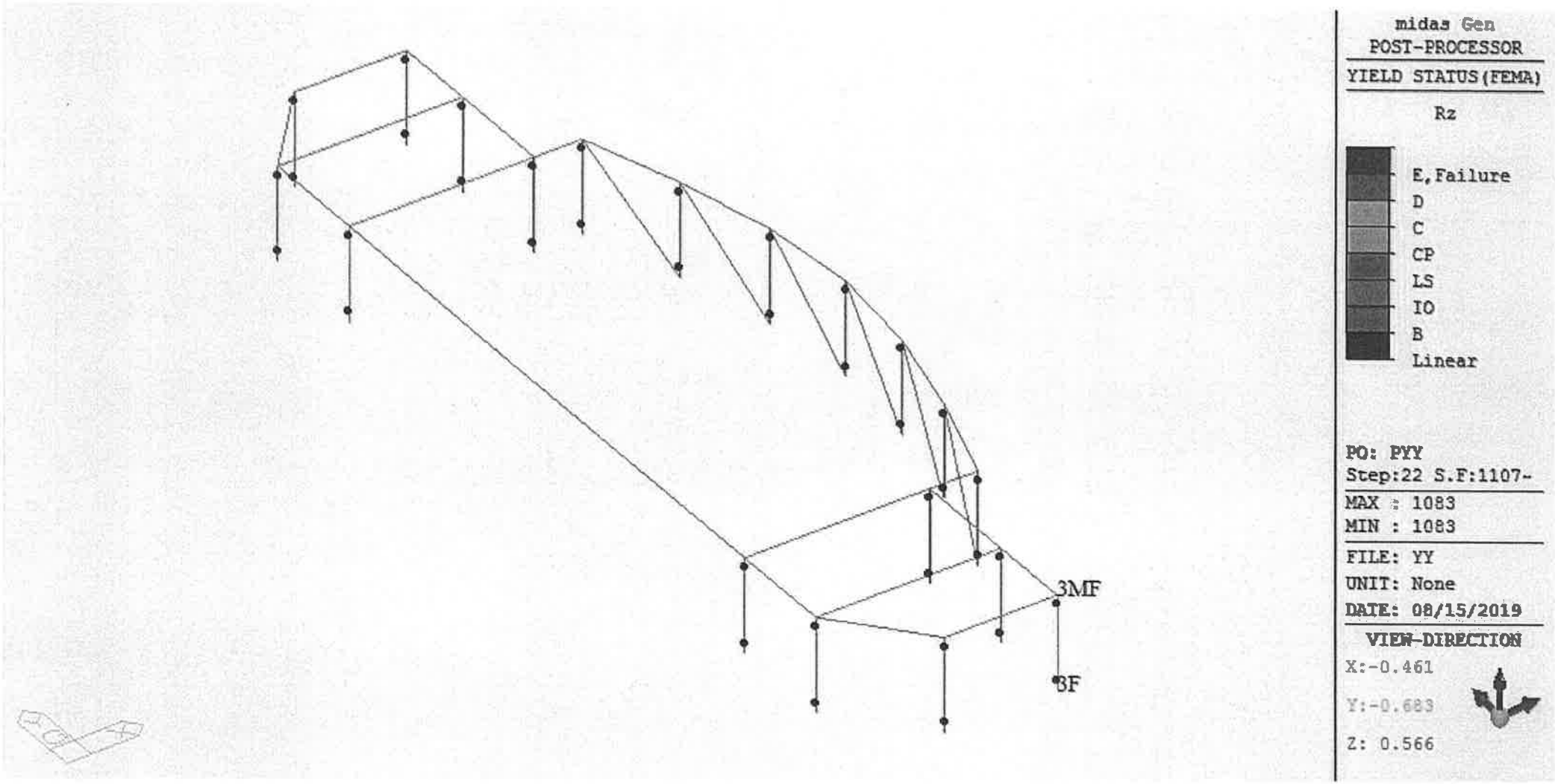

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 772
MIN : 772
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566
3F
2F
1F

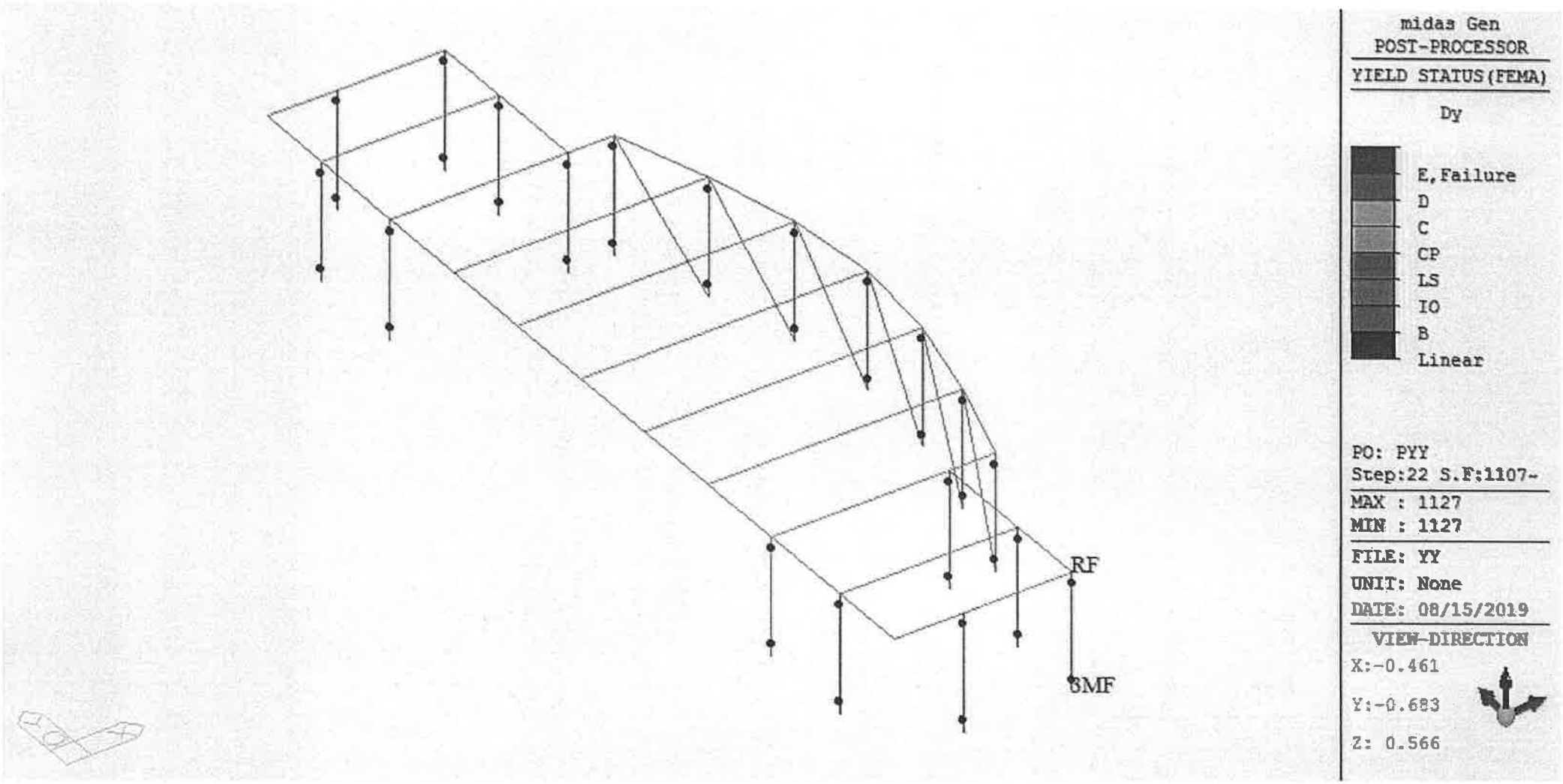

3F
2F
1F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 902
MIN : 750
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566

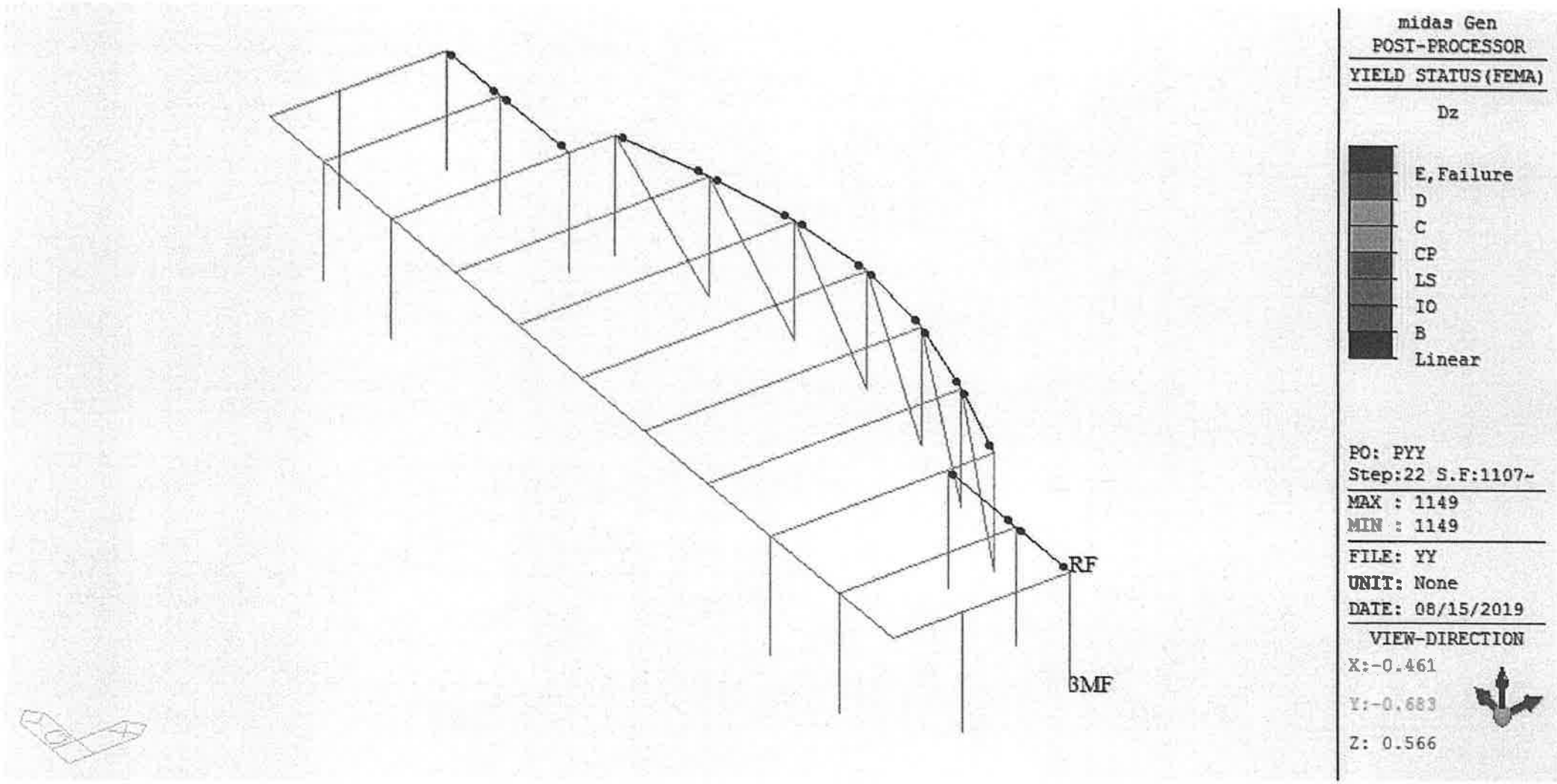

3MF
3F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 1083
MIN : 1083
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566

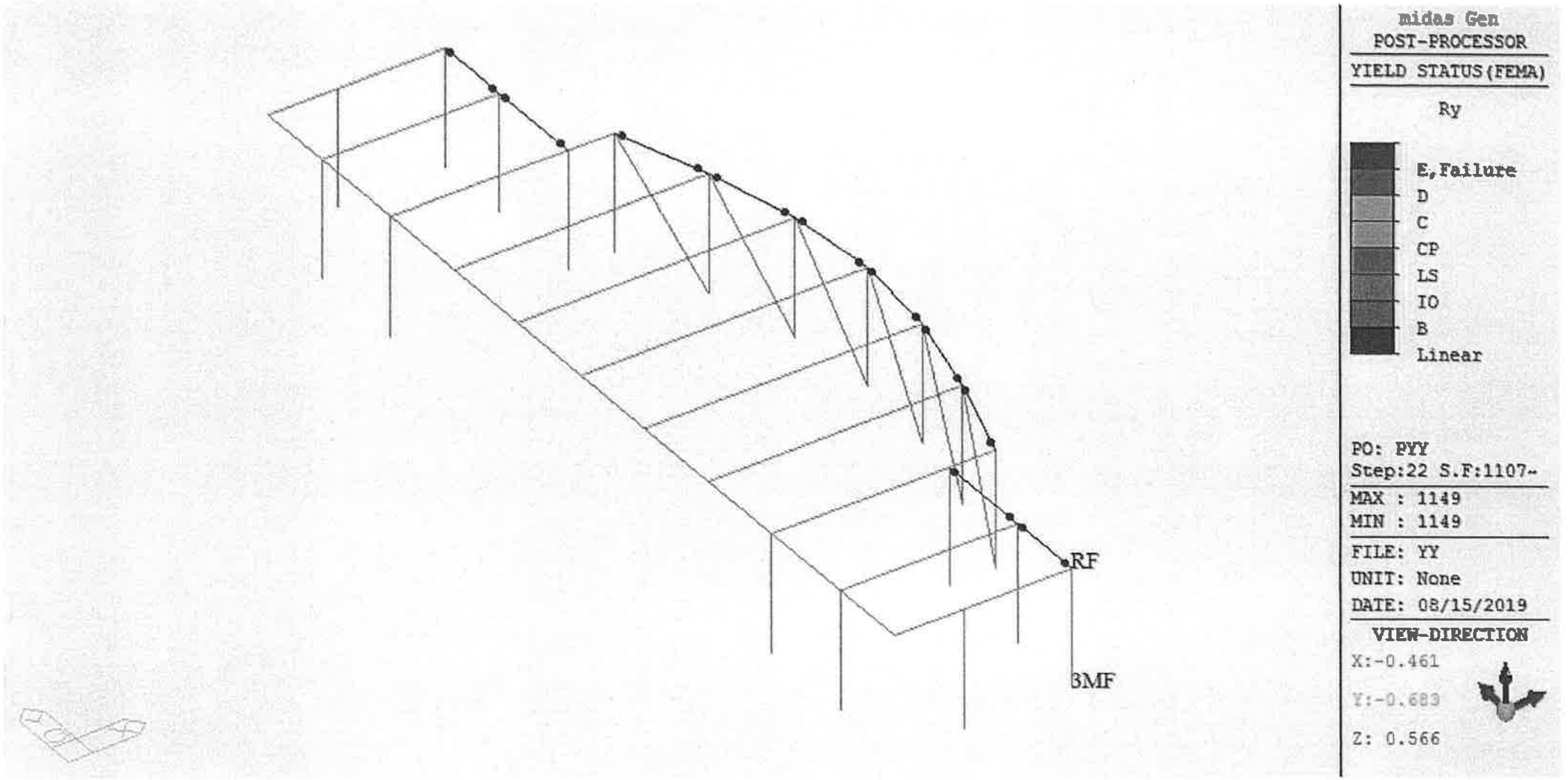

3MF
3F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 1108
MIN : 1105
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566

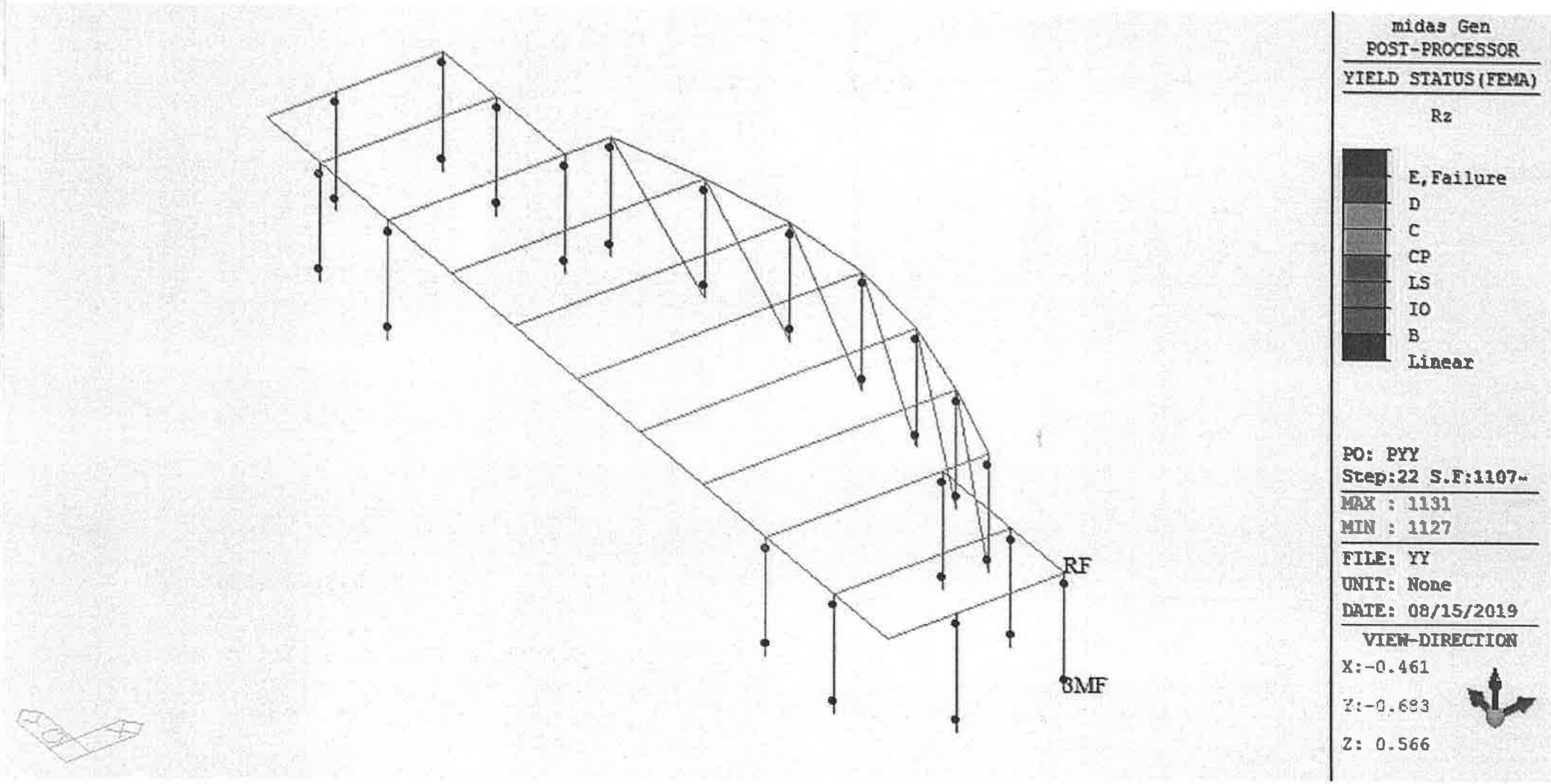

midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 1105
MIN : 1105
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566
3MF
3F


3MF
3F
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E, Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 1083
MIN : 1083
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566


midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dy
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107-
MAX : 1127
MIN : 1127
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566
RF
SMF


RF
BMF
midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Dz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 1149
MIN : 1149
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566


midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Ry
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 1149
MIN : 1149
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Y:-0.683
Z: 0.566
RF
BMF


midas Gen
POST-PROCESSOR
YIELD STATUS(FEMA)
Rz
E,Failure
D
C
CP
LS
IO
B
Linear
PO: PYY
Step:22 S.F:1107~
MAX : 1131
MIN : 1127
FILE: YY
UNIT: None
DATE: 08/15/2019
VIEW-DIRECTION
X:-0.461
Z:-0.693
Z: 0.566
RF
BMF

$ Automatically build input file of phgen from MGT file

$ BUILDING PROPERTIES
$Weight Mode
254414 0.0203
98883 0.008
1744127 0.0189
1559501 0.0091
1514215 0.0003

$ SITE SPECTRUM PARAMETER
$S_s S_1
0.8 0.675

$ BRICK WALL PROPERTIES

$Name	width	height	thick	f_mc	f_bc	P	Bond	Confinement
BW1	255	205	24	100	100	0	3	4
BW2	605	205	24	100	100	0	3	4
BW3	255	240	24	100	100	0	3	4
BW4	255	140	24	100	100	0	3	2

$ COLUMN PROPERTIES

$Name	f_cp	f_yl	f_yt	cover	hoop	spacing	num_hoop	TR	EI		
BC045X45		210	2800	2800	5.93	3	12	4	0	0.7	
BC145X90		210	2800	2800	5.93	3	12	4	0	0.7	
BC245X45		210	2800	2800	5.93	3	12	4	0	0.7	
BC330X45		210	2800	2800	5.93	3	12	4	0	0.7	
BC445X45		210	2800	2800	5.93	3	12	4	0	0.7	
1C730X45		210	2800	2800	6.2	3	12	3	0	0.7	
1C845X45		210	2800	2800	6.2	3	12	4	0	0.7	
1C945X45		210	2800	2800	6.2	3	12	4	0	0.7	
1C1045X75		210	2800	2800	6.2	3	12	4	0	0.7	
1C11a45X60		210	2800	2800	6.2	3	12	4	0	0.7	
1C1140X60		210	2800	2800	6.2	3	12	4	0	0.7	
1C1240X60		210	2800	2800	6.2	3	12	4	0	0.7	
1C1360X30		210	2800	2800	6.2	3	12	3	0	0.7	
1C1430X60		210	2800	2800	6.2	3	12	4	0	0.7	

							NX		
1C1530X60	210	2800	2800	6.2	3	12	4	0	0.7
1C1630X60	210	2800	2800	6.2	3	12	4	0	0.7
1P220X60	205	2800	2800	6.2	3	12	4	0	0.7
1C045X45	210	2800	2800	6.2	3	12	4	0	0.7
1C145X90	210	2800	2800	6.2	3	12	4	0	0.7
1C245X45	205	2800	2800	6.2	3	12	4	0	0.7
1C330X45	210	2800	2800	6.2	3	12	4	0	0.7
1C445X45	210	2800	2800	6.2	3	12	4	0	0.7
1C545X75	210	2800	2800	6.2	3	12	4	0	0.7
1C645X45	210	2800	2800	6.2	3	12	4	0	0.7
2C730X45	205	2800	2800	5.78	3	12	3	0	0.7
2C845X45	205	2800	2800	5.78	3	12	4	0	0.7
2C945X45	205	2800	2800	5.78	3	12	4	0	0.7
2C1045X75	205	2800	2800	5.78	3	12	4	0	0.7
2C11a45X70	205	2800	2800	5.78	3	12	4	0	0.7
2C1140X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1240X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1360X30	205	2800	2800	5.78	3	12	3	0	0.7
2C1430X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1530X60	205	2800	2800	5.78	3	12	4	0	0.7
2C1630X60	205	2800	2800	5.78	3	12	4	0	0.7
2C145X90	205	2800	2800	5.78	3	12	4	0	0.7
2C245X45	205	2800	2800	5.78	3	12	4	0	0.7
2C330X45	205	2800	2800	5.78	3	12	4	0	0.7
2C445X45	205	2800	2800	5.78	3	12	4	0	0.7
2C545X75	205	2800	2800	5.78	3	12	4	0	0.7
3C945X45	210	2800	2800	4.6	3	12	4	0	0.7
3C1045X75	210	2800	2800	4.6	3	12	4	0	0.7
3C11a45X70	210	2800	2800	4.6	3	12	4	0	0.7
3C1140X60	210	2800	2800	4.6	3	12	4	0	0.7
3C1240X60	210	2800	2800	4.6	3	12	4	0	0.7

$ COLUMN DATA

$element	section	direction	L
9	BC245X45	x	275
48	BC045X45	x	275
49	BC330X45	x	275

50	BC330X45	x	275
51	BC445X45	x	275
52	BC445X45	x	275
53	BC445X45	x	275
54	BC445X45	x	275
59	BC045X45	x	275
60	BC045X45	x	275
61	BC045X45	x	275
62	BC145X90	x	275
63	BC245X45	x	275
64	BC145X90	x	275
65	BC245X45	x	275
66	BC145X90	x	275
67	BC245X45	x	275
68	BC145X90	x	275
69	BC245X45	x	275
70	BC145X90	x	275
71	BC245X45	x	275
72	BC145X90	x	275
73	BC245X45	x	275
74	BC145X90	x	275
75	BC145X90	x	275
82	BC045X45	x	275
83	BC045X45	x	275
93	BC045X45	x	260
98	BC045X45	x	275
99	BC045X45	x	275
100	BC045X45	x	275
101	BC045X45	x	260
102	BC045X45	x	260
107	BC045X45	x	275
108	BC045X45	x	275
109	BC045X45	x	275
110	BC045X45	x	260
111	BC045X45	x	260
116	BC045X45	x	275
117	BC045X45	x	275

118	BC045X45	x	275
119	BC045X45	x	260
120	BC045X45	x	260
303	1C1360X30	x	240
304	1C1630X60	x	240
305	1C1530X60	x	240
306	1C045X45	x	240
307	1C145X90	x	240
308	1C045X45	x	240
309	1C145X90	x	240
310	1C045X45	x	240
311	1C145X90	x	240
312	1C045X45	x	240
313	1C145X90	x	240
314	1C045X45	x	240
315	1C145X90	x	240
316	1C045X45	x	240
317	1C145X90	x	240
318	1C045X45	x	240
319	1C145X90	x	240
320	1C045X45	x	240
321	1C145X90	x	240
322	1C1430X60	x	240
323	1C1530X60	x	240
324	1C1430X60	x	240
325	1C330X45	x	230
326	1C330X45	x	230
327	1C445X45	x	230
328	1C445X45	x	240
329	1C445X45	x	240
330	1C445X45	x	240
331	1C445X45	x	240
332	1C445X45	x	240
333	1C445X45	x	240
334	1C445X45	x	240
335	1C1530X60	x	240
336	1C1630X60	x	240

337	1C1360X30	x	240
338	1C245X45	x	220
339	1C245X45	x	220
340	1C330X45	x	240
341	1C330X45	x	240
342	1C330X45	x	240
343	1C545X75	x	240
344	1C645X45	x	240
345	1C545X75	x	240
346	1C645X45	x	240
347	1C545X75	x	240
348	1C645X45	x	240
349	1C545X75	x	240
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356	1C645X45	x	240
357	1C545X75	x	240
358	1C945X45	x	240
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362	1C245X45	x	240
363	1C730X45	x	240
364	1C730X45	x	240
365	1C730X45	x	240
366	1C845X45	x	240
367	1C1140X60	x	240
368	1C11a45X60	x	240
369	1C1240X60	x	240
370	1C845X45	x	240
371	1C1240X60	x	240
372	1C1240X60	x	240
373	1C845X45	x	240

374	1C1240X60	x	240
375	1C845X45	x	240
376	1C1240X60	x	240
377	1C1240X60	x	240
378	1C845X45	x	240
379	1C1140X60	x	240
380	1C11a45X60	x	240
381	1C1240X60	x	240
382	1C245X45	x	240
383	1C730X45	x	240
384	1C730X45	x	240
385	1C730X45	x	240
386	1C845X45	x	240
387	1C1045X75	x	240
388	1C1045X75	x	240
389	1C245X45	x	220
390	1C245X45	x	220
391	1C330X45	x	240
392	1C330X45	x	240
393	1C330X45	x	240
394	1C545X75	x	240
395	1C645X45	x	240
396	1C545X75	x	240
397	1C645X45	x	240
398	1C545X75	x	240
399	1C645X45	x	240
400	1C545X75	x	240
401	1C645X45	x	240
402	1C545X75	x	240
403	1C645X45	x	240
404	1C545X75	x	240
405	1C645X45	x	240
406	1C545X75	x	240
407	1C645X45	x	240
408	1C545X75	x	240
409	1C945X45	x	240
410	1C945X45	x	240

411	1C1360X30	x	240
412	1C1530X60	x	240
413	1C1630X60	x	240
414	1C330X45	x	230
415	1C330X45	x	230
416	1C445X45	x	230
417	1C445X45	x	240
418	1C445X45	x	240
419	1C445X45	x	240
420	1C445X45	x	240
421	1C1430X60	x	240
422	1C1530X60	x	240
423	1C1430X60	x	240
424	1C045X45	x	240
439	1C145X90	x	240
440	1C1630X60	x	240
441	1C1530X60	x	240
442	1C1360X30	x	240
750	1C245X45	x	556
751	1C245X45	x	556
752	1C245X45	x	556
753	1P220X60	x	556
754	1C245X45	x	556
755	1C245X45	x	556
756	1P220X60	x	556
757	1C245X45	x	556
758	1C245X45	x	556
759	1P220X60	x	556
760	1C245X45	x	556
761	1C245X45	x	556
762	1P220X60	x	556
763	1C245X45	x	556
790	2C1360X30	x	276
791	2C1630X60	x	276
792	2C1530X60	x	276
793	2C145X90	x	256
794	2C245X45	x	256

795	2C145X90	x	256
796	2C245X45	x	256
797	2C145X90	x	256
798	2C245X45	x	256
799	2C145X90	x	256
800	2C245X45	x	256
801	2C145X90	x	256
802	2C245X45	x	256
803	2C145X90	x	256
804	2C245X45	x	256
805	2C145X90	x	256
806	2C245X45	x	256
807	2C145X90	x	256
808	2C1430X60	x	191
809	2C1530X60	x	276
810	2C1430X60	x	276
811	2C330X45	x	276
812	2C330X45	x	276
813	2C1530X60	x	191
814	2C1630X60	x	276
815	2C1360X30	x	191
816	2C245X45	x	256
817	2C245X45	x	256
818	2C330X45	x	276
819	2C330X45	x	276
820	2C330X45	x	276
821	2C330X45	x	276
822	2C545X75	x	276
823	2C545X75	x	256
824	2C945X45	x	256
825	2C945X45	x	256
826	2C1045X75	x	256
827	2C1045X75	x	256
828	2C245X45	x	256
829	2C730X45	x	256
830	2C730X45	x	256
831	2C330X45	x	256

832	2C845X45	x	256
833	2C1140X60	x	256
834	2C11a45X70	x	256
835	2C1240X60	x	256
836	2C845X45	x	256
837	2C1240X60	x	256
838	2C1240X60	x	256
839	2C845X45	x	256
840	2C1240X60	x	256
841	2C845X45	x	256
842	2C1240X60	x	256
843	2C1240X60	x	256
844	2C845X45	x	256
845	2C1140X60	x	256
846	2C11a45X70	x	256
847	2C1240X60	x	256
848	2C245X45	x	256
849	2C730X45	x	256
850	2C730X45	x	256
851	2C330X45	x	256
852	2C845X45	x	256
853	2C1045X75	x	256
854	2C1045X75	x	256
855	2C245X45	x	256
856	2C245X45	x	256
857	2C330X45	x	276
858	2C330X45	x	276
859	2C330X45	x	276
860	2C330X45	x	276
861	2C545X75	x	276
862	2C545X75	x	256
863	2C945X45	x	256
864	2C945X45	x	256
865	2C1360X30	x	191
866	2C1530X60	x	191
867	2C1630X60	x	276
868	2C330X45	x	276

869	2C330X45	x	276
873	2C1430X60	x	191
874	2C1530X60	x	276
875	2C1430X60	x	276
876	2C145X90	x	256
877	2C245X45	x	256
878	2C145X90	x	256
879	2C245X45	x	256
880	2C145X90	x	256
881	2C245X45	x	256
882	2C145X90	x	256
883	2C245X45	x	256
884	2C145X90	x	256
885	2C245X45	x	256
886	2C145X90	x	256
887	2C245X45	x	256
888	2C145X90	x	256
889	2C245X45	x	256
890	2C145X90	x	256
891	2C1630X60	x	276
892	2C1530X60	x	276
893	2C1360X30	x	276
902	2C445X45	x	108
903	2C445X45	x	108
904	2C445X45	x	108
905	2C445X45	x	108
1083	3C945X45	x	240
1084	3C945X45	x	240
1085	3C1045X75	x	240
1086	3C1045X75	x	240
1087	3C1140X60	x	240
1088	3C11a45X70	x	240
1089	3C1240X60	x	240
1090	2C1240X60	x	240
1091	3C1240X60	x	240
1092	3C1240X60	x	240
1093	3C1240X60	x	240

1094	3C1240X60	x	240
1095	3C1240X60	x	240
1096	3C1140X60	x	240
1097	3C11a45X70	x	240
1098	3C1240X60	x	240
1099	3C1045X75	x	240
1100	3C1045X75	x	240
1101	3C945X45	x	240
1102	3C945X45	x	240
1127	1C945X45	x	334
1128	1C945X45	x	334
1129	1C1045X75	x	334
1130	1C1045X75	x	334
1131	1C1140X60	x	334
1132	1C11a45X60	x	334
1133	3C1240X60	x	334
1134	3C1240X60	x	334
1135	3C1240X60	x	334
1136	3C1240X60	x	334
1137	3C1240X60	x	334
1138	3C1240X60	x	334
1139	1C1140X60	x	334
1140	1C11a45X60	x	334
1141	3C1240X60	x	334
1142	1C1045X75	x	334
1143	1C1045X75	x	334
1144	1C945X45	x	334
1145	1C945X45	x	334
1196	1C145X90	x	100
1197	1C045X45	x	100
1198	1C145X90	x	100
1199	1C045X45	x	100
1200	1C145X90	x	100
1201	1C045X45	x	100
1202	1C145X90	x	100
1203	1C045X45	x	100
1204	1C145X90	x	100

1205	1C045X45	x	100
1206	1C145X90	x	100
1207	1C045X45	x	100
1208	1C145X90	x	100
1209	1C045X45	x	100

$ BEAM PROPERTIES

$Name	f_cp	f_yl	f_yt	cover	hoop	spacing	num_hoop	TR	EI
1B1140X90	210	2800	2800	3.9	3	15	2	0	0.7
1B1240X90	210	2800	2800	3.9	4	15	2	0	0.7
1B1340X90	210	2800	2800	3.9	4	15	2	0	0.7
1B1440X90	210	2800	2800	3.9	4	15	2	0	0.7
1B1540X90	210	2800	2800	3.9	3	15	2	0	0.7
1B1740X90	210	2800	2800	3.9	3	15	2	0	0.7
1B460X105	210	2800	2800	3.9	4	10	2	0	0.7
1B960X105	210	2800	2800	3.9	4	10	2	0	0.7
1B1035X75	210	2800	2800	3.9	4	15	2	0	0.7
1B145X75	210	2800	2800	3.9	4	15	2	0	0.7
1B245X75	210	2800	2800	3.9	4	15	2	0	0.7
1B345X75	210	2800	2800	3.9	4	15	2	0	0.7
2B140X60	210	2800	2800	4.88	4	15	2	0	0.7
2B240X60	210	2800	2800	4.88	4	15	2	0	0.7
2B1840X60	210	2800	2800	4.88	3	20	2	0	0.7
2B1a40X60	210	2800	2800	4.88	4	15	2	0	0.7
2B2a40X60	210	2800	2800	4.88	4	15	2	0	0.7
2B530X60	210	2800	2800	4.88	3	15	2	0	0.7
2B630X60	210	2800	2800	4.88	3	15	2	0	0.7
2B930X60	210	2800	2800	4.88	3	20	2	0	0.7
2B1230X60	210	2800	2800	4.88	3	15	2	0	0.7
2B1330X60	210	2800	2800	4.88	3	15	2	0	0.7
2B1430X60	210	2800	2800	4.88	3	15	2	0	0.7
2B1530X60	210	2800	2800	4.88	3	15	2	0	0.7
2B2330X60	210	2800	2800	4.88	3	15	2	0	0.7
2B9a30X60	210	2800	2800	4.88	3	20	2	0	0.7
2B9b30X60	210	2800	2800	4.88	3	20	2	0	0.7
2B1030X60	210	2800	2800	4.88	4	15	2	0	0.7
2B730X70	210	2800	2800	4.88	3	15	2	0	0.7

									NX
2B7a30X70	210	2800	2800	4.88	3	15	2	0	0.7
2B835X80	210	2800	2800	4.88	3	15	2	0	0.7
2B25a40X35	210	2800	2800	4.88	3	15	2	0	0.7
2B1140X60	210	2800	2800	4.88	4	15	2	0	0.7
2B320X60	210	2800	2800	4.88	3	20	2	0	0.7
3B840X80	205	2800	2800	5.95	3	15	2	0	0.7
3B140X80	205	2800	2800	5.95	4	15	2	0	0.7
3B240X80	205	2800	2800	5.95	4	15	2	0	0.7
3B9a30X60	205	2800	2800	5.95	4	15	2	0	0.7
3B930X60	205	2800	2800	5.95	3	20	2	0	0.7
3B1740X80	205	2800	2800	5.95	4	15	2	0	0.7
3B1840X80	205	2800	2800	5.95	4	15	2	0	0.7
3B1940X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2040X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2140X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2340X80	205	2800	2800	5.95	4	10	2	0	0.7
3B2440X80	205	2800	2800	5.95	4	10	2	0	0.7
3B1a40X80	205	2800	2800	5.95	4	15	2	0	0.7
3B2a40X80	205	2800	2800	5.95	4	15	2	0	0.7
3B1030X60	205	2800	2800	5.95	4	15	2	0	0.7
3B720x60	205	2800	2800	5.95	3	15	2	0	0.7
3B7a20x60	205	2800	2800	5.95	3	15	2	0	0.7
3B9b30X60	205	2800	2800	5.95	4	15	2	0	0.7
3B430X60	205	2800	2800	5.95	3	15	2	0	0.7
3B320X60	205	2800	2800	5.95	3	20	2	0	0.7
3B3a20X145	210	2800	2800	5.95	3	20	2	0	0.7
3B1230X60	205	2800	2800	5.95	3	15	2	0	0.7
3B1430X60	210	2800	2800	5.95	3	15	2	0	0.7
3B1530X60	210	2800	2800	5.95	3	15	2	0	0.7
3B1630X60	205	2800	2800	5.95	4	15	2	0	0.7
3B1330X60	210	2800	2800	5.95	3	15	2	0	0.7
3B530X60	205	2800	2800	5.95	3	15	2	0	0.7
3B630X60	205	2800	2800	5.95	3	15	2	0	0.7
RB030X90	210	2800	2800	5.1	4	10	2	0	0.7
RB1230X60	210	2800	2800	5.1	3	15	2	0	0.7
RB1330X60	210	2800	2800	5.1	3	15	2	0	0.7
RB1430X60	210	2800	2800	5.1	3	15	2	0	0.7

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                                                                    NX
RB1530X60   210   2800   2800   5.1   3   15   2   0   0.7
RB2230X60   210   2800   2800   5.1   4   10   2   0   0.7
RB1630X60   210   2800   2800   5.1   4   15   2   0   0.7

$ BEAM DATA
$element        section    L
154    1B1740X90   255
155    1B1740X90   450
181    1B1740X90   255
182    1B1740X90   612.5
183    1B1740X90   370
184    1B1740X90   262.5
203    1B1140X90   255
204    1B1240X90   605
205    1B1340X90   355
206    1B1440X90   255
207    1B1540X90   255
208    1B1540X90   255
209    1B1540X90   255
210    1B1540X90   255
211    1B1540X90   255
212    1B1540X90   255
213    1B1540X90   255
214    1B1540X90   255
215    1B1540X90   255
216    1B1540X90   255
217    1B1540X90   255
218    1B1540X90   255
219    1B1540X90   255
220    1B1540X90   255
236    1B145X75    255
237    1B245X75    605
238    1B345X75    655
247    1B960X105    1755
248    1B1035X75    255
256    1B145X75    255
257    1B245X75    605
```

258	1B345X75	655
259	1B460X105	1755
260	1B1035X75	255
268	1B145X75	255
269	1B245X75	605
270	1B345X75	655
271	1B460X105	1755
272	1B1035X75	255
280	1B145X75	255
281	1B245X75	605
282	1B345X75	655
283	1B460X105	1755
284	1B1035X75	255
443	2B320X60	224.1
444	2B320X60	224.1
445	2B320X60	40.98
446	2B25a40X35	255
447	2B140X60	255
448	2B140X60	255
449	2B240X60	255
450	2B240X60	255
451	2B240X60	255
452	2B240X60	255
453	2B240X60	255
454	2B240X60	255
455	2B240X60	255
456	2B240X60	255
457	2B240X60	255
458	2B240X60	255
459	2B140X60	255
460	2B140X60	255
461	2B1a40X60	478.5
463	2B320X60	224.1
701	2B320X60	183.1
939	3B3a20X145	224.1
1177	RB030X90	260
464	2B320X60	183.1

474	2B530X60	102.5
475	2B530X60	202.5
476	2B630X60	305
477	2B320X60	224.1
479	2B320X60	224.1
481	2B730X70	370
482	2B7a30X70	262.5
484	2B2330X60	555
485	2B2330X60	555
486	2B2330X60	555
487	2B2330X60	555
488	2B2330X60	555
489	2B2330X60	555
490	2B320X60	224.1
491	2B320X60	224.1
504	2B835X80	255
505	2B930X60	162.5
506	2B930X60	220
507	2B9a30X60	170
508	2B9b30X60	370
509	2B1030X60	262.5
510	2B1140X60	255
511	2B1140X60	255
512	2B1140X60	255
513	2B1140X60	255
514	2B1140X60	255
515	2B1140X60	255
516	2B1140X60	255
517	2B1140X60	255
518	2B1140X60	255
519	2B1140X60	255
520	2B1140X60	255
521	2B1140X60	255
522	2B1140X60	255
523	2B1140X60	255
524	2B1230X60	405
525	2B1330X60	67.5

526	2B1330X60	232.5
527	2B1330X60	50
563	2B1430X60	530
567	2B1840X60	162.5
572	2B1530X60	530
594	2B1530X60	530
596	2B1840X60	162.5
605	2B1430X60	530
641	2B835X80	255
642	2B930X60	162.5
643	2B930X60	220
644	2B9a30X60	170
645	2B9b30X60	370
646	2B1030X60	262.5
647	2B1140X60	255
648	2B1140X60	255
649	2B1140X60	255
650	2B1140X60	255
651	2B1140X60	255
652	2B1140X60	255
653	2B1140X60	255
654	2B1140X60	255
655	2B1140X60	255
656	2B1140X60	255
657	2B1140X60	255
658	2B1140X60	255
659	2B1140X60	255
660	2B1140X60	255
661	2B1230X60	405
662	2B1330X60	67.5
663	2B1330X60	232.5
664	2B1330X60	50
666	2B1330X60	322.5
674	2B320X60	224.1
675	2B320X60	224.1
676	2B730X70	370
677	2B7a30X70	262.5

689	2B320X60	224.1
691	2B320X60	224.1
692	2B530X60	102.5
693	2B530X60	202.5
694	2B630X60	305
702	2B320X60	224.1
704	2B25a40X35	255
705	2B1a40X60	255
706	2B1a40X60	255
707	2B2a40X60	255
708	2B2a40X60	255
709	2B2a40X60	255
710	2B2a40X60	255
711	2B2a40X60	255
712	2B2a40X60	255
713	2B2a40X60	255
714	2B2a40X60	255
715	2B2a40X60	255
716	2B2a40X60	255
717	2B1a40X60	255
718	2B1a40X60	255
719	2B1a40X60	478.5
720	2B320X60	40.98
721	2B320X60	224.1
722	2B320X60	224.1
912	3B320X60	224.1
913	3B320X60	224.1
914	3B320X60	40.98
915	3B140X80	255
916	3B240X80	255
917	3B240X80	255
918	3B240X80	255
919	3B240X80	255
920	3B240X80	255
921	3B240X80	255
922	3B240X80	255
923	3B240X80	255

924	3B240X80	255
925	3B240X80	255
926	3B240X80	255
927	3B240X80	255
928	3B140X80	255
929	3B430X60	478.5
931	3B320X60	224.1
933	3B320X60	183.1
935	3B430X60	400
936	3B530X60	305
937	3B630X60	305
940	3B320X60	224.1
942	3B720x60	370
943	3B7a20x60	262.5
944	3B3a20X145	224.1
945	3B320X60	224.1
951	3B840X80	255
952	3B930X60	162.5
953	3B930X60	220
954	3B9a30X60	170
955	3B9b30X60	370
956	3B1030X60	262.5
957	3B1230X60	405
958	3B1330X60	277.5
959	3B1330X60	27.5
968	3B1430X60	530
971	3B1740X80	255
972	3B1840X80	162.5
973	3B1940X80	420
974	3B2040X80	370
975	3B2140X80	262.5
976	3B1530X60	532.5
977	3B1630X60	107.5
983	3B2340X80	255
984	3B2440X80	167.5
985	3B2440X80	1117.5
991	3B2340X80	255

992	3B2440X80	167.5
993	3B2440X80	1117.5
1001	3B2340X80	255
1002	3B2440X80	167.5
1003	3B2440X80	1117.5
1009	3B2340X80	255
1010	3B2440X80	167.5
1011	3B2440X80	1117.5
1017	3B1530X60	532.5
1018	3B1630X60	107.5
1019	3B1740X80	255
1020	3B1840X80	162.5
1021	3B1940X80	420
1022	3B2040X80	370
1023	3B2140X80	262.5
1026	3B1430X60	530
1035	3B840X80	255
1036	3B930X60	162.5
1037	3B930X60	220
1038	3B9a30X60	170
1039	3B9b30X60	370
1040	3B1030X60	262.5
1041	3B1230X60	405
1042	3B1330X60	277.5
1043	3B1330X60	27.5
1049	3B3a20X145	224.1
1050	3B320X60	224.1
1051	3B720x60	370
1052	3B7a20x60	262.5
1054	3B3a20X145	224.1
1055	3B320X60	224.1
1057	3B430X60	400
1058	3B530X60	305
1059	3B630X60	305
1062	3B320X60	183.1
1063	3B320X60	224.1
1065	3B1a40X80	255

1066	3B1a40X80	255
1067	3B2a40X80	255
1068	3B2a40X80	255
1069	3B2a40X80	255
1070	3B2a40X80	255
1071	3B2a40X80	255
1072	3B2a40X80	255
1073	3B2a40X80	255
1074	3B2a40X80	255
1075	3B2a40X80	255
1076	3B2a40X80	255
1077	3B1a40X80	255
1078	3B1a40X80	255
1079	3B430X60	478.5
1080	3B320X60	40.98
1081	3B320X60	224.1
1082	3B320X60	224.1
1103	3B1330X60	255
1104	3B1330X60	50
1111	3B1630X60	107.5
1118	3B1530X60	532.5
1125	3B1330X60	255
1107	3B1430X60	530
1110	3B1530X60	532.5
1119	3B1630X60	107.5
1122	3B1430X60	530
1126	3B1330X60	50
1146	RB1230X60	225
1147	RB1330X60	305
1148	RB030X90	260
1150	RB1430X60	530
1160	RB2230X60	880
1170	RB030X90	305
1180	RB1330X60	305
1151	RB030X90	330
1157	RB2230X60	805
1163	RB2230X60	910

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1169    RB2230X60    805
1153    RB1530X60    532.5
1154    RB1630X60    107.5
1155    RB030X90    305
1158    RB030X90    305
1161    RB030X90    305
1164    RB030X90    305
1167    RB030X90    305
1166    RB2230X60    880
1172    RB1530X60    532.5
1173    RB1630X60    107.5
1174    RB030X90    330
1176    RB1430X60    530
1179    RB1230X60    202.5

$ SECTION PROPERTIES
BC045X45x
45    45
7.84    2800    6    6    6    6
17.6133    2800    6    6
27.3867    2800    6    6
37.16    2800    6    6    6    6

BC045X45y
45    45
7.84    2800    6    6    6    6
17.6133    2800    6    6
27.3867    2800    6    6
37.16    2800    6    6    6    6

BC145X90x
45    90
8.49    2800    8    10    10    10    10    10    8
15.495    2800    8    8
22.5    2800    8    8
29.505    2800    8    8
36.51    2800    8    10    10    10    10    10    8
```

BC145X90y
90 45
8.49 2800 8 8 8 8 8
20.66 2800 10 10
32.83 2800 10 10
45 2800 10 10
57.17 2800 10 10
69.34 2800 10 10
81.51 2800 8 8 8 8 8

BC245X45x
45 45
8.15 2800 8 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8 8

BC245X45y
45 45
8.15 2800 8 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8 8

BC330X45x
30 45
8.15 2800 8 8 8 8
15 2800 8 8
21.85 2800 8 8 8 8

BC330X45y
45 30
8.15 2800 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8

BC445X45x
45 45
8.15 2800 8 8 8 8
22.5 2800 8 8
36.85 2800 8 8 8 8

BC445X45y
45 45
8.15 2800 8 8 8
17.7167 2800 8 8
27.2833 2800 8 8
36.85 2800 8 8 8

1C730X45x
30 45
8.42 2800 8 8 8
15 2800 8 8
21.58 2800 8 8 8

1C730X45y
45 30
8.42 2800 8 8 8
22.5 2800 8 8
36.58 2800 8 8 8

1C845X45x
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

1C845X45y
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8

```
27.1933    2800    8    8
36.58    2800    8    8    8    8

1C945X45x
45    45
8.42    2800    8    8    8    8
22.5    2800    8    8
36.58    2800    8    8    8    8

1C945X45y
45    45
8.42    2800    8    8    8
17.8067    2800    8    8
27.1933    2800    8    8
36.58    2800    8    8    8

1C1045X75x
45    75
8.42    2800    8    8    8    8    8
22.5    2800    8    8
36.58    2800    8    8    8    8    8

1C1045X75y
75    45
8.42    2800    8    8    8
22.96    2800    8    8
37.5    2800    8    8
52.04    2800    8    8
66.58    2800    8    8    8

1C11a45X60x
45    60
8.76    2800    10    10    10    10    10
22.5    2800    8    8
36.24    2800    10    10    10    10    10

1C11a45X60y
```

60 45
8.76 2800 10 8 10
19.38 2800 10 10
30 2800 10 10
40.62 2800 10 10
51.24 2800 10 8 10

1C1140X60x
40 60
8.76 2800 10 10 10 10 10
20 2800 8 8
31.24 2800 10 10 10 10 10

1C1140X60y
60 40
8.76 2800 10 10 10
19.38 2800 10 10
30 2800 8 8
40.62 2800 10 10
51.24 2800 10 10 10

1C1240X60x
40 60
8.42 2800 8 8 8 8
20 2800 8 8
31.58 2800 8 8 8 8

1C1240X60y
60 40
8.42 2800 8 8 8
22.8067 2800 8 8
37.1933 2800 8 8
51.58 2800 8 8 8

1C1360X30x
60 30
8.11 2800 6 6 6

```
19.055   2800   6   6
30   2800   6   6
40.945   2800   6   6
51.89   2800   6   6   6

1C1360X30y
30   60
8.11   2800   6   6   6   6   6
15   2800   6   6
21.89   2800   6   6   6   6   6

1C1430X60x
30   60
8.11   2800   6   6   6   6   6
15   2800   6   6
21.89   2800   6   6   6   6   6

1C1430X60y
60   30
8.11   2800   6   6   6
19.055   2800   6   6
30   2800   6   6
40.945   2800   6   6
51.89   2800   6   6   6

1C1530X60x
30   60
8.11   2800   6   6   6   6   6
15   2800   6   6
21.89   2800   6   6   6   6   6

1C1530X60y
60   30
8.11   2800   6   6   6
19.055   2800   6   6
30   2800   6   6
40.945   2800   6   6
```

```
51.89    2800    6    6    6

1C1630X60x
30    60
8.11    2800    6    6    6    6    6
15    2800    6    6
21.89    2800    6    6    6    6    6

1C1630X60y
60    30
8.11    2800    6    6    6
19.055    2800    6    6
30    2800    6    6
40.945    2800    6    6
51.89    2800    6    6    6

1P220X60x
20    60
7.69    2800    6    6    6    6
12.31    2800    6    6    6    6

1P220X60y
60    20
7.69    2800    6    6
22.5633    2800    6    6
37.4367    2800    6    6
52.31    2800    6    6

1C045X45x
45    45
8.11    2800    6    6    6    6
17.7033    2800    6    6
27.2967    2800    6    6
36.89    2800    6    6    6    6

1C045X45y
45    45
```

8.11 2800 6 6 6 6
17.7033 2800 6 6
27.2967 2800 6 6
36.89 2800 6 6 6 6

1C145X90x
45 90
8.76 2800 8 10 10 10 10 10 8
15.63 2800 8 8
22.5 2800 8 8
29.37 2800 8 8
36.24 2800 8 10 10 10 10 10 8

1C145X90y
90 45
8.76 2800 8 8 8 8 8
20.84 2800 10 10
32.92 2800 10 10
45 2800 10 10
57.08 2800 10 10
69.16 2800 10 10
81.24 2800 8 8 8 8 8

1C245X45x
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

1C245X45y
45 45
8.42 2800 8 8 8 8
17.8067 2800 8 8
27.1933 2800 8 8
36.58 2800 8 8 8 8

```
1C330X45x
30    45
8.42    2800    8    8    8    8
15    2800    8    8
21.58    2800    8    8    8    8

1C330X45y
45    30
8.42    2800    8    8    8
17.8067    2800    8    8
27.1933    2800    8    8
36.58    2800    8    8    8

1C445X45x
45    45
8.42    2800    8    8    8    8
22.5    2800    8    8
36.58    2800    8    8    8    8

1C445X45y
45    45
8.42    2800    8    8    8
17.8067    2800    8    8
27.1933    2800    8    8
36.58    2800    8    8    8

1C545X75x
45    75
8.11    2800    6    6    6    6    6    6    6
17.7033    2800    6    6
27.2967    2800    6    6
36.89    2800    6    6    6    6    6    6    6

1C545X75y
75    45
8.11    2800    6    6    6    6
17.9067    2800    6    6
```

```
27.7033    2800    6    6
37.5    2800    6    6
47.2967    2800    6    6
57.0933    2800    6    6
66.89    2800    6    6    6    6

1C645X45x
45    45
8.42    2800    8    8    8    8
22.5    2800    8    8
36.58    2800    8    8    8    8

1C645X45y
45    45
8.42    2800    8    8    8
17.8067    2800    8    8
27.1933    2800    8    8
36.58    2800    8    8    8

2C730X45x
30    45
8    2800    8    8    8
15    2800    8    8
22    2800    8    8    8

2C730X45y
45    30
8    2800    8    8    8
22.5    2800    8    8
37    2800    8    8    8

2C845X45x
45    45
8    2800    8    8    8    8
17.6667    2800    8    8
27.3333    2800    8    8
37    2800    8    8    8    8
```

```
2C845X45y
45   45
8   2800   8   8   8   8
17.6667   2800   8   8
27.3333   2800   8   8
37   2800   8   8   8   8

2C945X45x
45   45
8   2800   8   8   8   8
22.5   2800   8   8
37   2800   8   8   8   8

2C945X45y
45   45
8   2800   8   8   8
17.6667   2800   8   8
27.3333   2800   8   8
37   2800   8   8   8

2C1045X75x
45   75
8   2800   8   8   8   8   8
22.5   2800   8   8
37   2800   8   8   8   8   8

2C1045X75y
75   45
8   2800   8   8   8
22.75   2800   8   8
37.5   2800   8   8
52.25   2800   8   8
67   2800   8   8   8

2C11a45X70x
45   70
```

8.34 2800 10 10 10 10 10
22.5 2800 8 8
36.66 2800 10 10 10 10 10

2C11a45X70y
70 45
8.34 2800 10 8 10
21.67 2800 10 10
35 2800 10 10
48.33 2800 10 10
61.66 2800 10 8 10

2C1140X60x
40 60
8.34 2800 10 10 10 10 10
20 2800 8 8
31.66 2800 10 10 10 10 10

2C1140X60y
60 40
8.34 2800 10 8 10
19.17 2800 10 10
30 2800 10 10
40.83 2800 10 10
51.66 2800 10 8 10

2C1240X60x
40 60
8 2800 8 8 8 8
20 2800 8 8
32 2800 8 8 8 8

2C1240X60y
60 40
8 2800 8 8 8
22.6667 2800 8 8
37.3333 2800 8 8

52 2800 8 8 8

2C1360X30x
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1360X30y
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1430X60x
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1430X60y
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1530X60x
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1530X60y

60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C1630X60x
30 60
7.69 2800 6 6 6 6 6
15 2800 6 6
22.31 2800 6 6 6 6 6

2C1630X60y
60 30
7.69 2800 6 6 6
18.845 2800 6 6
30 2800 6 6
41.155 2800 6 6
52.31 2800 6 6 6

2C145X90x
45 90
8.34 2800 10 10 10 10 10 10 10
15.42 2800 10 10
22.5 2800 10 10
29.58 2800 10 10
36.66 2800 10 10 10 10 10 10 10

2C145X90y
90 45
8.34 2800 10 10 10 10 10
20.56 2800 10 10
32.78 2800 10 10
45 2800 10 10
57.22 2800 10 10
69.44 2800 10 10

81.66 2800 10 10 10 10 10

2C245X45x
45 45
8 2800 8 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8 8

2C245X45y
45 45
8 2800 8 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8 8

2C330X45x
30 45
8 2800 8 8 8 8
15 2800 8 8
22 2800 8 8 8 8

2C330X45y
45 30
8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C445X45x
45 45
8 2800 8 8 8 8
22.5 2800 8 8
37 2800 8 8 8 8

2C445X45y
45 45

8 2800 8 8 8
17.6667 2800 8 8
27.3333 2800 8 8
37 2800 8 8 8

2C545X75x
45 75
7.69 2800 6 6 6 6 6 6 6
17.5633 2800 6 6
27.4367 2800 6 6
37.31 2800 6 6 6 6 6 6 6

2C545X75y
75 45
7.69 2800 6 6 6 6
17.6267 2800 6 6
27.5633 2800 6 6
37.5 2800 6 6
47.4367 2800 6 6
57.3733 2800 6 6
67.31 2800 6 6 6 6

3C945X45x
45 45
6.82 2800 8 8 8 8
22.5 2800 8 8
38.18 2800 8 8 8 8

3C945X45y
45 45
6.82 2800 8 8 8
17.2733 2800 8 8
27.7267 2800 8 8
38.18 2800 8 8 8

3C1045X75x
45 75

```
6.82    2800    8    8    8    8    8
22.5    2800    8    8
38.18    2800    8    8    8    8    8

3C1045X75y
75    45
6.82    2800    8    8    8
22.16    2800    8    8
37.5    2800    8    8
52.84    2800    8    8
68.18    2800    8    8    8

3C11a45X70x
45    70
7.16    2800    10    10    10    10    10
22.5    2800    8    8
37.84    2800    10    10    10    10    10

3C11a45X70y
70    45
7.16    2800    10    8    10
21.08    2800    10    10
35    2800    10    10
48.92    2800    10    10
62.84    2800    10    8    10

3C1140X60x
40    60
7.16    2800    10    10    10    10    10
20    2800    10    10
32.84    2800    10    10    10    10    10

3C1140X60y
60    40
7.16    2800    10    10    10
18.58    2800    10    10
30    2800    10    10
```

```
41.42   2800   10   10
52.84   2800   10   10   10

3C1240X60x
40   60
6.82   2800   8   8   8   8
20   2800   8   8
33.18   2800   8   8   8   8

3C1240X60y
60   40
6.82   2800   8   8   8
22.2733   2800   8   8
37.7267   2800   8   8
53.18   2800   8   8   8

1B1140X90
15   75   90   40
2.5   2800   3   3   3   3
6.12   2800   8   8   8   8   8
9.5   2800   3   3   3   3
83.88   2800   8   8   8

1B1240X90
15   162.5   90   40
2.5   2800   3   3   3   3   3   3   3   3   3
6.44   2800   8   8   8   8   8   8   8
9.5   2800   3   3   3   3   3   3   3   3   3
83.56   2800   8   8   8

1B1340X90
15   100   90   40
2.5   2800   3   3   3   3   3   3
6.44   2800   8   8   8   8   8   8   8
9.5   2800   3   3   3   3   3   3
83.56   2800   8   8   8
```

```
1B1440X90
15    75    90    40
2.5    2800    3    3    3    3
6.44    2800    8    8    8    8    8    8    8
9.5    2800    3    3    3    3
83.56    2800    8    8    8

1B1540X90
15    75    90    40
2.5    2800    3    3    3    3
6.12    2800    8    8    8    8
9.5    2800    3    3    3    3
83.88    2800    8    8    8

1B1740X90
15    75    90    40
2.5    2800    3    3    3    3
6.12    2800    8    8    8    8
9.5    2800    3    3    3    3
83.88    2800    8    8    8

1B460X105
15    252    105    60
2.5    2800    3    3    3    3    3    3    3    3    3    3    3    3    3
6.77    2800    10    10    10    10    10    10
9.27    2800    10    10    10    10    10
9.5    2800    3    3    3    3    3    3    3    3    3    3    3    3    3
98.23    2800    10    10    10    10

1B960X105
15    252    105    60
2.5    2800    3    3    3    3    3    3    3    3    3    3    3    3    3
6.77    2800    10    10    10    10    10    10    10    10
9.27    2800    10    10    10    10
9.5    2800    3    3    3    3    3    3    3    3    3    3    3    3    3
98.23    2800    10    10    10    10
```

1B1035X75
15 75 75 35
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8 8 8 8 8
8.94 2800 8 8 8 8
9.5 2800 3 3 3 3
68.56 2800 8 8 8 8

1B145X75
15 75 75 45
2.5 2800 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
9.5 2800 3 3 3 3
68.56 2800 8 8 8

1B245X75
15 162.5 75 45
2.5 2800 3 3 3 3 3 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
9.5 2800 3 3 3 3 3 3 3 3 3
68.56 2800 8 8 8 8

1B345X75
15 175 75 45
2.5 2800 3 3 3 3 3 3 3 3 3
6.44 2800 8 8 8 8 8 8 8
9.5 2800 3 3 3 3 3 3 3 3 3
68.56 2800 8 8 8 8

2B140X60
15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8

2B240X60

15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8

2B1840X60
15 50 60 40
2.5 2800 3 3 3
6.79 2800 6 6 6 6
9.5 2800 3 3 3
53.21 2800 6 6 6 6

2B1a40X60
15 125.25 60 40
2.5 2800 3 3 3 3 3 3 3
9.5 2800 3 3 3 3 3 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8

2B2a40X60
15 75 60 40
2.5 2800 3 3 3 3
9.5 2800 3 3 3 3
8.49 2800 8 8 8 8 8 8
51.51 2800 8 8 8 8

2B530X60
15 25.625 60 30
2.5 2800 3 3
6.79 2800 6 6 6 6 6
9.5 2800 3 3
53.21 2800 6 6 6

2B630X60
15 83.75 60 30
2.5 2800 3 3 3 3 3

```
6.79   2800   6   6   6   6   6
9.5   2800   3   3   3   3   3
53.21   2800   6   6   6

2B930X60
15   50   60   30
2.5   2800   3   3   3
9.5   2800   3   3   3
7.1   2800   8   8   8   8
52.9   2800   8   8   8   8

2B1230X60
15   112.5   60   30
2.5   2800   3   3   3   3   3   3
9.5   2800   3   3   3   3   3   3
7.1   2800   8   8   8   8   8
52.9   2800   8   8   8

2B1330X60
15   16.875   60   30
2.5   2800   3
9.5   2800   3
7.1   2800   8   8   8   8   8
52.9   2800   8   8   8

2B1430X60
15   143.75   60   30
2.5   2800   3   3   3   3   3   3   3   3
9.5   2800   3   3   3   3   3   3   3   3
7.1   2800   8   8   8   8   8
52.9   2800   8   8   8

2B1530X60
15   143.75   60   30
2.5   2800   3   3   3   3   3   3   3   3
9.5   2800   3   3   3   3   3   3   3   3
7.1   2800   8   8   8   8   8
```