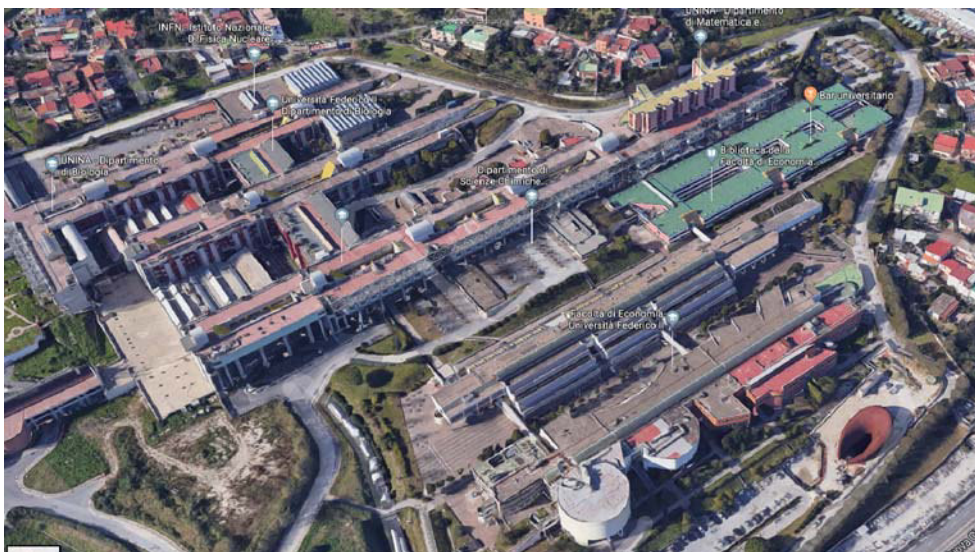




# UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II COMPLESSO DI MONTE SANT'ANGELO

Strada Vicinale Cupa Cintia n. 21, 80126 Napoli NA



## DATI PROGETTO

**PROGETTO: C.I.P.:MSA00.1802L**

LAVORI DI RIFACIMENTO DELLA COPERTURA E DEI SISTEMI DI SMALTIMENTO DELLE ACQUE METEORICHE (GRONDE E PLUVIALI), DEI LABORATORI DENOMINATI "HANGAR" E "BUCO NERO" PRESSO EDIFICIO 6

## LIVELLO PROGETTAZIONE

- ☐ FATTIBILITÀ TECNICA ED ECONOMICA  
☐ DEFINITIVO  
☒ ESECUTIVO

## DATI ELABORATO

### TIPOLOGIA PROGETTO

- ☒ OPERE EDILI  
☐ IMPIANTI ELETTRICI  
☐ IMPIANTI MECCANICI  
☐ ANTINCENDIO

### TIPO ELABORATO

- ☐ ARCHITETTONICO  
☐ SICUREZZA  
☒ CALCOLI PROGETTUALI  
☐ RELAZIONI  
☐ CONTABILITÀ

TAVOLA: ST-02

SCALA: // // // //

DATA: DICEMBRE 2019

## CALCOLI DI VERIFICA STRUTTURALE

**RESPONSABILE DEL PROCEDIMENTO:** Ing. Raffaele D'Alessio

## TECNICI INCARICATI

**Coordinatore progettuale - Progettista Strutturale:**

Ing. Vincenzo Di Lauro

**Coordinatore per la sicurezza in fase di progettazione:**

Ing. Massimo Di Palma

**Progettisti:**

Ing. Vincenzo Di Lauro

Ing. Massimo Di Palma

Ing. Raffaele Pelliccia

# 1- VERIFICHE SLU ANTE OPERAM

TABLE: Steel Design 1 - Summary Data - Italian NTC 2018						
Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo
Text	Text	Text	Text	Unitless	Text	Text
1	120x120x4	Beam	No Messages	0.156	PMM	SLU-ST-06
2	120x120x4	Beam	No Messages	0.861	PMM	SLU-ST-05
3	120x120x4	Beam	No Messages	0.171	PMM	SLU-ST-05
4	120x120x4	Beam	No Messages	0.467	PMM	SLU-ST-04
5	120x120x4	Beam	No Messages	0.147	PMM	SLU-ST-05
6	120x120x4	Beam	No Messages	0.151	PMM	SLU-ST-05
7	120x120x4	Beam	No Messages	0.482	PMM	SLU-ST-04
8	120x120x4	Beam	No Messages	0.147	PMM	SLU-ST-05
9	120x120x4	Beam	No Messages	0.176	PMM	SLU-ST-05
10	120x120x4	Beam	No Messages	0.492	PMM	SLU-ST-04
11	120x120x4	Beam	No Messages	0.148	PMM	SLU-ST-05
12	120x120x4	Beam	No Messages	0.152	PMM	SLU-ST-05
13	120x120x4	Beam	No Messages	0.492	PMM	SLU-ST-04
14	120x120x4	Beam	No Messages	0.165	PMM	SLU-ST-05
15	120x120x4	Beam	No Messages	0.167	PMM	SLU-ST-05
16	120x120x4	Beam	No Messages	0.495	PMM	SLU-ST-04
17	120x120x4	Beam	No Messages	0.149	PMM	SLU-ST-05
18	120x120x4	Beam	No Messages	0.149	PMM	SLU-ST-05
19	120x120x4	Beam	No Messages	0.493	PMM	SLU-ST-04
20	120x120x4	Beam	No Messages	0.167	PMM	SLU-ST-05
21	120x120x4	Beam	No Messages	0.165	PMM	SLU-ST-05
22	120x120x4	Beam	No Messages	0.496	PMM	SLU-ST-04
23	120x120x4	Beam	No Messages	0.152	PMM	SLU-ST-05
24	120x120x4	Beam	No Messages	0.148	PMM	SLU-ST-05
25	120x120x4	Beam	No Messages	0.493	PMM	SLU-ST-04
26	120x120x4	Beam	No Messages	0.176	PMM	SLU-ST-05
27	120x120x4	Beam	No Messages	0.147	PMM	SLU-ST-05
28	120x120x4	Beam	No Messages	0.495	PMM	SLU-ST-04
29	120x120x4	Beam	No Messages	0.150	PMM	SLU-ST-05
30	120x120x4	Beam	No Messages	0.147	PMM	SLU-ST-05
31	120x120x4	Beam	No Messages	0.495	PMM	SLU-ST-04
32	120x120x4	Beam	No Messages	0.171	PMM	SLU-ST-05
33	120x120x4	Beam	No Messages	0.168	PMM	SLU-ST-04
34	120x120x4	Beam	No Messages	0.508	PMM	SLU-ST-04
915	80x80x3	Beam	No Messages	0.140	PMM	SLU-ST-01
916	80x80x3	Brace	No Messages	0.175	PMM	SLU-ST-01

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917	80x80x3	Brace	No Messages	0.092	PMM	SLU-ST-06
918	80x80x3	Brace	No Messages	0.205	PMM	SLU-ST-01
919	80x80x3	Brace	No Messages	0.336	PMM	SLU-ST-01
920	80x80x3	Brace	No Messages	0.096	PMM	SLU-ST-01
921	80x80x3	Brace	No Messages	0.160	PMM	SLU-ST-06
922	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-06
923	80x80x3	Brace	No Messages	0.087	PMM	SLU-ST-06
924	80x80x3	Brace	No Messages	0.055	PMM	SLU-ST-06
925	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-06
926	80x80x3	Brace	No Messages	0.106	PMM	SLU-ST-06
927	80x80x3	Brace	No Messages	0.057	PMM	SLU-ST-01
928	80x80x3	Brace	No Messages	0.189	PMM	SLU-ST-06
929	80x80x3	Brace	No Messages	0.116	PMM	SLU-ST-01
930	80x80x3	Brace	No Messages	0.330	PMM	SLU-ST-01
931	80x80x3	Brace	No Messages	0.202	PMM	SLU-ST-01
932	80x80x3	Brace	No Messages	0.410	PMM	SLU-ST-01
933	80x80x3	Brace	No Messages	0.265	PMM	SLU-ST-04
934	80x80x3	Brace	No Messages	0.070	PMM	SLU-ST-05
935	80x80x3	Brace	No Messages	0.311	PMM	SLU-ST-05
936	80x80x3	Brace	No Messages	0.496	PMM	SLU-ST-05
937	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-04
938	80x80x3	Brace	No Messages	0.217	PMM	SLU-ST-04
939	80x80x3	Brace	No Messages	0.060	PMM	SLU-ST-04
940	80x80x3	Brace	No Messages	0.095	PMM	SLU-ST-04
941	80x80x3	Brace	No Messages	0.031	PMM	SLU-ST-04
942	80x80x3	Brace	No Messages	0.027	PMM	SLU-ST-04
943	80x80x3	Brace	No Messages	0.130	PMM	SLU-ST-04
944	80x80x3	Brace	No Messages	0.082	PMM	SLU-ST-04
945	80x80x3	Brace	No Messages	0.234	PMM	SLU-ST-04
946	80x80x3	Brace	No Messages	0.153	PMM	SLU-ST-04
947	80x80x3	Brace	No Messages	0.416	PMM	SLU-ST-04
948	80x80x3	Brace	No Messages	0.264	PMM	SLU-ST-04
949	80x80x3	Brace	No Messages	0.832	PMM	SLU-ST-05
950	80x80x3	Brace	No Messages	0.151	PMM	SLU-ST-01
951	80x80x3	Brace	No Messages	0.065	PMM	SLU-ST-06
952	80x80x3	Brace	No Messages	0.221	PMM	SLU-ST-01
953	80x80x3	Brace	No Messages	0.163	PMM	SLU-ST-06
954	80x80x3	Brace	No Messages	0.281	PMM	SLU-ST-01
955	80x80x3	Brace	No Messages	0.167	PMM	SLU-ST-06
956	80x80x3	Brace	No Messages	0.220	PMM	SLU-ST-06
957	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-06
958	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-06
959	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-06

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960	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-06
961	80x80x3	Brace	No Messages	0.203	PMM	SLU-ST-06
962	80x80x3	Brace	No Messages	0.166	PMM	SLU-ST-06
963	80x80x3	Brace	No Messages	0.251	PMM	SLU-ST-01
964	80x80x3	Brace	No Messages	0.168	PMM	SLU-ST-06
965	80x80x3	Brace	No Messages	0.227	PMM	SLU-ST-01
966	80x80x3	Brace	No Messages	0.125	PMM	SLU-ST-01
967	80x80x3	Brace	No Messages	0.193	PMM	SLU-ST-04
968	80x80x3	Brace	No Messages	0.155	PMM	SLU-ST-05
969	80x80x3	Brace	No Messages	0.313	PMM	SLU-ST-04
970	80x80x3	Brace	No Messages	0.196	PMM	SLU-ST-04
971	80x80x3	Brace	No Messages	0.314	PMM	SLU-ST-04
972	80x80x3	Brace	No Messages	0.175	PMM	SLU-ST-04
973	80x80x3	Brace	No Messages	0.212	PMM	SLU-ST-04
974	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-04
975	80x80x3	Brace	No Messages	0.175	PMM	SLU-ST-04
976	80x80x3	Brace	No Messages	0.206	PMM	SLU-ST-04
977	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
978	80x80x3	Brace	No Messages	0.301	PMM	SLU-ST-04
979	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
980	80x80x3	Brace	No Messages	0.379	PMM	SLU-ST-04
981	80x80x3	Brace	No Messages	0.182	PMM	SLU-ST-04
982	80x80x3	Brace	No Messages	0.346	PMM	SLU-ST-04
983	80x80x3	Brace	No Messages	0.137	PMM	SLU-ST-04
984	80x80x3	Beam	No Messages	0.076	PMM	SLU-ST-02
985	80x80x3	Beam	No Messages	0.078	PMM	SLU-ST-02
986	80x80x3	Beam	No Messages	0.077	PMM	SLU-ST-02
987	80x80x3	Beam	No Messages	0.075	PMM	SLU-ST-02
988	80x80x3	Beam	No Messages	0.077	PMM	SLU-ST-02
989	80x80x3	Beam	No Messages	0.095	PMM	SLU-ST-04
990	80x80x3	Beam	No Messages	0.150	PMM	SLU-ST-01
991	80x80x3	Brace	No Messages	0.044	PMM	SLU-ST-02
992	80x80x3	Brace	No Messages	0.118	PMM	SLU-ST-05
993	80x80x3	Brace	No Messages	0.537	PMM	SLU-ST-05
994	80x80x3	Brace	No Messages	0.363	PMM	SLU-ST-01
995	80x80x3	Brace	No Messages	0.071	PMM	SLU-ST-05
996	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-01
997	80x80x3	Brace	No Messages	0.453	PMM	SLU-ST-04
998	80x80x3	Brace	No Messages	0.394	PMM	SLU-ST-06
999	80x80x3	Beam	No Messages	0.231	PMM	SLU-ST-05
1000	80x80x3	Brace	No Messages	0.120	PMM	SLU-ST-05
1001	80x80x3	Brace	No Messages	0.047	PMM	SLU-ST-06
1002	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-05

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1003	80x80x3	Brace	No Messages	0.132	PMM	SLU-ST-06
1004	80x80x3	Brace	No Messages	0.082	PMM	SLU-ST-06
1005	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-06
1006	80x80x3	Brace	No Messages	0.036	PMM	SLU-ST-06
1007	80x80x3	Brace	No Messages	0.064	PMM	SLU-ST-06
1008	80x80x3	Brace	No Messages	0.045	PMM	SLU-ST-06
1009	80x80x3	Brace	No Messages	0.030	PMM	SLU-ST-02
1010	80x80x3	Brace	No Messages	0.132	PMM	SLU-ST-06
1011	80x80x3	Brace	No Messages	0.083	PMM	SLU-ST-06
1012	80x80x3	Brace	No Messages	0.230	PMM	SLU-ST-06
1013	80x80x3	Brace	No Messages	0.151	PMM	SLU-ST-06
1014	80x80x3	Brace	No Messages	0.380	PMM	SLU-ST-06
1015	80x80x3	Brace	No Messages	0.244	PMM	SLU-ST-06
1016	80x80x3	Brace	No Messages	0.244	PMM	SLU-ST-06
1017	80x80x3	Brace	No Messages	0.123	PMM	SLU-ST-05
1018	80x80x3	Brace	No Messages	0.058	PMM	SLU-ST-04
1019	80x80x3	Brace	No Messages	0.068	PMM	SLU-ST-04
1020	80x80x3	Brace	No Messages	0.120	PMM	SLU-ST-04
1021	80x80x3	Brace	No Messages	0.080	PMM	SLU-ST-04
1022	80x80x3	Brace	No Messages	0.130	PMM	SLU-ST-04
1023	80x80x3	Brace	No Messages	0.039	PMM	SLU-ST-04
1024	80x80x3	Brace	No Messages	0.068	PMM	SLU-ST-04
1025	80x80x3	Brace	No Messages	0.035	PMM	SLU-ST-04
1026	80x80x3	Brace	No Messages	0.023	PMM	SLU-ST-04
1027	80x80x3	Brace	No Messages	0.120	PMM	SLU-ST-04
1028	80x80x3	Brace	No Messages	0.074	PMM	SLU-ST-04
1029	80x80x3	Brace	No Messages	0.221	PMM	SLU-ST-04
1030	80x80x3	Brace	No Messages	0.143	PMM	SLU-ST-04
1031	80x80x3	Brace	No Messages	0.397	PMM	SLU-ST-04
1032	80x80x3	Brace	No Messages	0.252	PMM	SLU-ST-04
1033	80x80x3	Brace	No Messages	0.225	PMM	SLU-ST-04
1034	80x80x3	Brace	No Messages	0.067	PMM	SLU-ST-01
1035	80x80x3	Brace	No Messages	0.119	PMM	SLU-ST-04
1036	80x80x3	Brace	No Messages	0.350	PMM	SLU-ST-04
1037	80x80x3	Brace	No Messages	0.168	PMM	SLU-ST-06
1038	80x80x3	Brace	No Messages	0.254	PMM	SLU-ST-01
1039	80x80x3	Brace	No Messages	0.165	PMM	SLU-ST-06
1040	80x80x3	Brace	No Messages	0.186	PMM	SLU-ST-06
1041	80x80x3	Brace	No Messages	0.166	PMM	SLU-ST-06
1042	80x80x3	Brace	No Messages	0.166	PMM	SLU-ST-06
1043	80x80x3	Brace	No Messages	0.168	PMM	SLU-ST-06
1044	80x80x3	Brace	No Messages	0.170	PMM	SLU-ST-06
1045	80x80x3	Brace	No Messages	0.202	PMM	SLU-ST-06

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1046	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-06
1047	80x80x3	Brace	No Messages	0.261	PMM	SLU-ST-01
1048	80x80x3	Brace	No Messages	0.185	PMM	SLU-ST-06
1049	80x80x3	Brace	No Messages	0.256	PMM	SLU-ST-01
1050	80x80x3	Brace	No Messages	0.096	PMM	SLU-ST-06
1051	80x80x3	Brace	No Messages	0.079	PMM	SLU-ST-04
1052	80x80x3	Brace	No Messages	0.112	PMM	SLU-ST-06
1053	80x80x3	Brace	No Messages	0.394	PMM	SLU-ST-04
1054	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1055	80x80x3	Brace	No Messages	0.316	PMM	SLU-ST-04
1056	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1057	80x80x3	Brace	No Messages	0.219	PMM	SLU-ST-04
1058	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1059	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1060	80x80x3	Brace	No Messages	0.189	PMM	SLU-ST-04
1061	80x80x3	Brace	No Messages	0.170	PMM	SLU-ST-04
1062	80x80x3	Brace	No Messages	0.277	PMM	SLU-ST-04
1063	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-04
1064	80x80x3	Brace	No Messages	0.348	PMM	SLU-ST-04
1065	80x80x3	Brace	No Messages	0.183	PMM	SLU-ST-04
1066	80x80x3	Brace	No Messages	0.311	PMM	SLU-ST-04
1067	80x80x3	Brace	No Messages	0.122	PMM	SLU-ST-05
1068	80x80x3	Beam	No Messages	0.081	PMM	SLU-ST-05
1069	80x80x3	Beam	No Messages	0.054	PMM	SLU-ST-02
1070	80x80x3	Beam	No Messages	0.053	PMM	SLU-ST-02
1071	80x80x3	Beam	No Messages	0.051	PMM	SLU-ST-02
1072	80x80x3	Beam	No Messages	0.089	PMM	SLU-ST-05
1073	80x80x3	Beam	No Messages	0.207	PMM	SLU-ST-05
1074	80x80x3	Beam	No Messages	0.258	PMM	SLU-ST-05
1075	80x80x3	Brace	No Messages	0.049	PMM	SLU-ST-05
1076	80x80x3	Brace	No Messages	0.047	PMM	SLU-ST-01
1077	80x80x3	Brace	No Messages	0.434	PMM	SLU-ST-04
1078	80x80x3	Brace	No Messages	0.399	PMM	SLU-ST-06
1079	80x80x3	Beam	No Messages	0.307	PMM	SLU-ST-05
1080	80x80x3	Brace	No Messages	0.232	PMM	SLU-ST-04
1081	80x80x3	Brace	No Messages	0.065	PMM	SLU-ST-04
1082	80x80x3	Brace	No Messages	0.262	PMM	SLU-ST-06
1083	80x80x3	Brace	No Messages	0.412	PMM	SLU-ST-04
1084	80x80x3	Brace	No Messages	0.132	PMM	SLU-ST-06
1085	80x80x3	Brace	No Messages	0.199	PMM	SLU-ST-06
1086	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-06
1087	80x80x3	Brace	No Messages	0.082	PMM	SLU-ST-06
1088	80x80x3	Brace	No Messages	0.027	PMM	SLU-ST-04

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1089	80x80x3	Brace	No Messages	0.018	PMM	SLU-ST-04
1090	80x80x3	Brace	No Messages	0.122	PMM	SLU-ST-06
1091	80x80x3	Brace	No Messages	0.080	PMM	SLU-ST-06
1092	80x80x3	Brace	No Messages	0.219	PMM	SLU-ST-06
1093	80x80x3	Brace	No Messages	0.147	PMM	SLU-ST-06
1094	80x80x3	Brace	No Messages	0.365	PMM	SLU-ST-06
1095	80x80x3	Brace	No Messages	0.237	PMM	SLU-ST-06
1096	80x80x3	Brace	No Messages	0.742	PMM	SLU-ST-04
1097	80x80x3	Brace	No Messages	0.220	PMM	SLU-ST-04
1098	80x80x3	Brace	No Messages	0.061	PMM	SLU-ST-05
1099	80x80x3	Brace	No Messages	0.279	PMM	SLU-ST-04
1100	80x80x3	Brace	No Messages	0.436	PMM	SLU-ST-05
1101	80x80x3	Brace	No Messages	0.136	PMM	SLU-ST-04
1102	80x80x3	Brace	No Messages	0.208	PMM	SLU-ST-04
1103	80x80x3	Brace	No Messages	0.058	PMM	SLU-ST-04
1104	80x80x3	Brace	No Messages	0.093	PMM	SLU-ST-04
1105	80x80x3	Brace	No Messages	0.025	PMM	SLU-ST-02
1106	80x80x3	Brace	No Messages	0.025	PMM	SLU-ST-02
1107	80x80x3	Brace	No Messages	0.115	PMM	SLU-ST-04
1108	80x80x3	Brace	No Messages	0.071	PMM	SLU-ST-04
1109	80x80x3	Brace	No Messages	0.218	PMM	SLU-ST-04
1110	80x80x3	Brace	No Messages	0.141	PMM	SLU-ST-04
1111	80x80x3	Brace	No Messages	0.389	PMM	SLU-ST-04
1112	80x80x3	Brace	No Messages	0.247	PMM	SLU-ST-04
1113	80x80x3	Brace	No Messages	0.757	PMM	SLU-ST-04
1114	80x80x3	Brace	No Messages	0.165	PMM	SLU-ST-04
1115	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1116	80x80x3	Brace	No Messages	0.264	PMM	SLU-ST-01
1117	80x80x3	Brace	No Messages	0.160	PMM	SLU-ST-06
1118	80x80x3	Brace	No Messages	0.254	PMM	SLU-ST-01
1119	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-06
1120	80x80x3	Brace	No Messages	0.175	PMM	SLU-ST-01
1121	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1122	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-06
1123	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1124	80x80x3	Brace	No Messages	0.136	PMM	SLU-ST-06
1125	80x80x3	Brace	No Messages	0.205	PMM	SLU-ST-01
1126	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-06
1127	80x80x3	Brace	No Messages	0.269	PMM	SLU-ST-01
1128	80x80x3	Brace	No Messages	0.146	PMM	SLU-ST-06
1129	80x80x3	Brace	No Messages	0.259	PMM	SLU-ST-04
1130	80x80x3	Brace	No Messages	0.124	PMM	SLU-ST-04
1131	80x80x3	Brace	No Messages	0.174	PMM	SLU-ST-04

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1132	80x80x3	Brace	No Messages	0.145	PMM	SLU-ST-04
1133	80x80x3	Brace	No Messages	0.307	PMM	SLU-ST-04
1134	80x80x3	Brace	No Messages	0.201	PMM	SLU-ST-04
1135	80x80x3	Brace	No Messages	0.315	PMM	SLU-ST-04
1136	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1137	80x80x3	Brace	No Messages	0.225	PMM	SLU-ST-04
1138	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1139	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1140	80x80x3	Brace	No Messages	0.183	PMM	SLU-ST-04
1141	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1142	80x80x3	Brace	No Messages	0.269	PMM	SLU-ST-04
1143	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-04
1144	80x80x3	Brace	No Messages	0.339	PMM	SLU-ST-04
1145	80x80x3	Brace	No Messages	0.182	PMM	SLU-ST-04
1146	80x80x3	Brace	No Messages	0.306	PMM	SLU-ST-04
1147	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1148	80x80x3	Beam	No Messages	0.166	PMM	SLU-ST-05
1149	80x80x3	Beam	No Messages	0.101	PMM	SLU-ST-05
1150	80x80x3	Beam	No Messages	0.076	PMM	SLU-ST-05
1151	80x80x3	Beam	No Messages	0.077	PMM	SLU-ST-05
1152	80x80x3	Beam	No Messages	0.092	PMM	SLU-ST-05
1153	80x80x3	Beam	No Messages	0.087	PMM	SLU-ST-05
1154	80x80x3	Beam	No Messages	0.309	PMM	SLU-ST-05
1155	80x80x3	Brace	No Messages	0.050	PMM	SLU-ST-06
1156	80x80x3	Brace	No Messages	0.044	PMM	SLU-ST-01
1157	80x80x3	Brace	No Messages	0.426	PMM	SLU-ST-04
1158	80x80x3	Brace	No Messages	0.399	PMM	SLU-ST-04
1159	80x80x3	Beam	No Messages	0.330	PMM	SLU-ST-05
1160	80x80x3	Brace	No Messages	0.041	PMM	SLU-ST-01
1161	80x80x3	Brace	No Messages	0.036	PMM	SLU-ST-04
1162	80x80x3	Brace	No Messages	0.097	PMM	SLU-ST-05
1163	80x80x3	Brace	No Messages	0.132	PMM	SLU-ST-06
1164	80x80x3	Brace	No Messages	0.083	PMM	SLU-ST-06
1165	80x80x3	Brace	No Messages	0.127	PMM	SLU-ST-06
1166	80x80x3	Brace	No Messages	0.039	PMM	SLU-ST-06
1167	80x80x3	Brace	No Messages	0.060	PMM	SLU-ST-06
1168	80x80x3	Brace	No Messages	0.033	PMM	SLU-ST-04
1169	80x80x3	Brace	No Messages	0.023	PMM	SLU-ST-04
1170	80x80x3	Brace	No Messages	0.117	PMM	SLU-ST-06
1171	80x80x3	Brace	No Messages	0.077	PMM	SLU-ST-06
1172	80x80x3	Brace	No Messages	0.208	PMM	SLU-ST-06
1173	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-06
1174	80x80x3	Brace	No Messages	0.356	PMM	SLU-ST-04

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1175	80x80x3	Brace	No Messages	0.229	PMM	SLU-ST-04
1176	80x80x3	Brace	No Messages	0.244	PMM	SLU-ST-06
1177	80x80x3	Brace	No Messages	0.049	PMM	SLU-ST-04
1178	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-04
1179	80x80x3	Brace	No Messages	0.065	PMM	SLU-ST-04
1180	80x80x3	Brace	No Messages	0.114	PMM	SLU-ST-04
1181	80x80x3	Brace	No Messages	0.076	PMM	SLU-ST-04
1182	80x80x3	Brace	No Messages	0.126	PMM	SLU-ST-04
1183	80x80x3	Brace	No Messages	0.037	PMM	SLU-ST-04
1184	80x80x3	Brace	No Messages	0.065	PMM	SLU-ST-04
1185	80x80x3	Brace	No Messages	0.038	PMM	SLU-ST-04
1186	80x80x3	Brace	No Messages	0.023	PMM	SLU-ST-02
1187	80x80x3	Brace	No Messages	0.122	PMM	SLU-ST-04
1188	80x80x3	Brace	No Messages	0.075	PMM	SLU-ST-04
1189	80x80x3	Brace	No Messages	0.219	PMM	SLU-ST-04
1190	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-04
1191	80x80x3	Brace	No Messages	0.385	PMM	SLU-ST-04
1192	80x80x3	Brace	No Messages	0.244	PMM	SLU-ST-04
1193	80x80x3	Brace	No Messages	0.226	PMM	SLU-ST-04
1194	80x80x3	Brace	No Messages	0.063	PMM	SLU-ST-01
1195	80x80x3	Brace	No Messages	0.112	PMM	SLU-ST-04
1196	80x80x3	Brace	No Messages	0.351	PMM	SLU-ST-04
1197	80x80x3	Brace	No Messages	0.147	PMM	SLU-ST-04
1198	80x80x3	Brace	No Messages	0.255	PMM	SLU-ST-01
1199	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1200	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-01
1201	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1202	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1203	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1204	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1205	80x80x3	Brace	No Messages	0.206	PMM	SLU-ST-01
1206	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-06
1207	80x80x3	Brace	No Messages	0.271	PMM	SLU-ST-01
1208	80x80x3	Brace	No Messages	0.145	PMM	SLU-ST-06
1209	80x80x3	Brace	No Messages	0.260	PMM	SLU-ST-04
1210	80x80x3	Brace	No Messages	0.078	PMM	SLU-ST-05
1211	80x80x3	Brace	No Messages	0.079	PMM	SLU-ST-04
1212	80x80x3	Brace	No Messages	0.103	PMM	SLU-ST-04
1213	80x80x3	Brace	No Messages	0.392	PMM	SLU-ST-04
1214	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1215	80x80x3	Brace	No Messages	0.315	PMM	SLU-ST-04
1216	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1217	80x80x3	Brace	No Messages	0.222	PMM	SLU-ST-04

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1218	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1219	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1220	80x80x3	Brace	No Messages	0.182	PMM	SLU-ST-04
1221	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1222	80x80x3	Brace	No Messages	0.266	PMM	SLU-ST-04
1223	80x80x3	Brace	No Messages	0.176	PMM	SLU-ST-04
1224	80x80x3	Brace	No Messages	0.336	PMM	SLU-ST-04
1225	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1226	80x80x3	Brace	No Messages	0.307	PMM	SLU-ST-04
1227	80x80x3	Brace	No Messages	0.121	PMM	SLU-ST-05
1228	80x80x3	Beam	No Messages	0.215	PMM	SLU-ST-05
1229	80x80x3	Beam	No Messages	0.148	PMM	SLU-ST-05
1230	80x80x3	Beam	No Messages	0.121	PMM	SLU-ST-05
1231	80x80x3	Beam	No Messages	0.130	PMM	SLU-ST-05
1232	80x80x3	Beam	No Messages	0.182	PMM	SLU-ST-05
1233	80x80x3	Beam	No Messages	0.336	PMM	SLU-ST-05
1234	80x80x3	Beam	No Messages	0.405	PMM	SLU-ST-05
1235	80x80x3	Brace	No Messages	0.052	PMM	SLU-ST-06
1236	80x80x3	Brace	No Messages	0.042	PMM	SLU-ST-01
1237	80x80x3	Brace	No Messages	0.420	PMM	SLU-ST-04
1238	80x80x3	Brace	No Messages	0.407	PMM	SLU-ST-04
1239	80x80x3	Beam	No Messages	0.334	PMM	SLU-ST-05
1240	80x80x3	Brace	No Messages	0.217	PMM	SLU-ST-04
1241	80x80x3	Brace	No Messages	0.065	PMM	SLU-ST-04
1242	80x80x3	Brace	No Messages	0.267	PMM	SLU-ST-04
1243	80x80x3	Brace	No Messages	0.423	PMM	SLU-ST-04
1244	80x80x3	Brace	No Messages	0.130	PMM	SLU-ST-04
1245	80x80x3	Brace	No Messages	0.201	PMM	SLU-ST-04
1246	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-06
1247	80x80x3	Brace	No Messages	0.083	PMM	SLU-ST-06
1248	80x80x3	Brace	No Messages	0.022	PMM	SLU-ST-04
1249	80x80x3	Brace	No Messages	0.018	PMM	SLU-ST-04
1250	80x80x3	Brace	No Messages	0.110	PMM	SLU-ST-04
1251	80x80x3	Brace	No Messages	0.073	PMM	SLU-ST-04
1252	80x80x3	Brace	No Messages	0.206	PMM	SLU-ST-04
1253	80x80x3	Brace	No Messages	0.137	PMM	SLU-ST-04
1254	80x80x3	Brace	No Messages	0.361	PMM	SLU-ST-04
1255	80x80x3	Brace	No Messages	0.232	PMM	SLU-ST-04
1256	80x80x3	Brace	No Messages	0.746	PMM	SLU-ST-04
1257	80x80x3	Brace	No Messages	0.214	PMM	SLU-ST-04
1258	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-05
1259	80x80x3	Brace	No Messages	0.274	PMM	SLU-ST-04
1260	80x80x3	Brace	No Messages	0.419	PMM	SLU-ST-04

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1261	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-04
1262	80x80x3	Brace	No Messages	0.203	PMM	SLU-ST-04
1263	80x80x3	Brace	No Messages	0.055	PMM	SLU-ST-04
1264	80x80x3	Brace	No Messages	0.089	PMM	SLU-ST-04
1265	80x80x3	Brace	No Messages	0.026	PMM	SLU-ST-04
1266	80x80x3	Brace	No Messages	0.024	PMM	SLU-ST-02
1267	80x80x3	Brace	No Messages	0.118	PMM	SLU-ST-04
1268	80x80x3	Brace	No Messages	0.073	PMM	SLU-ST-04
1269	80x80x3	Brace	No Messages	0.217	PMM	SLU-ST-04
1270	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-04
1271	80x80x3	Brace	No Messages	0.381	PMM	SLU-ST-04
1272	80x80x3	Brace	No Messages	0.241	PMM	SLU-ST-04
1273	80x80x3	Brace	No Messages	0.750	PMM	SLU-ST-04
1274	80x80x3	Brace	No Messages	0.159	PMM	SLU-ST-04
1275	80x80x3	Brace	No Messages	0.131	PMM	SLU-ST-04
1276	80x80x3	Brace	No Messages	0.265	PMM	SLU-ST-04
1277	80x80x3	Brace	No Messages	0.159	PMM	SLU-ST-06
1278	80x80x3	Brace	No Messages	0.254	PMM	SLU-ST-01
1279	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-06
1280	80x80x3	Brace	No Messages	0.174	PMM	SLU-ST-01
1281	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1282	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-06
1283	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1284	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1285	80x80x3	Brace	No Messages	0.208	PMM	SLU-ST-01
1286	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-06
1287	80x80x3	Brace	No Messages	0.272	PMM	SLU-ST-01
1288	80x80x3	Brace	No Messages	0.145	PMM	SLU-ST-06
1289	80x80x3	Brace	No Messages	0.259	PMM	SLU-ST-04
1290	80x80x3	Brace	No Messages	0.119	PMM	SLU-ST-04
1291	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1292	80x80x3	Brace	No Messages	0.141	PMM	SLU-ST-04
1293	80x80x3	Brace	No Messages	0.310	PMM	SLU-ST-04
1294	80x80x3	Brace	No Messages	0.200	PMM	SLU-ST-04
1295	80x80x3	Brace	No Messages	0.316	PMM	SLU-ST-04
1296	80x80x3	Brace	No Messages	0.180	PMM	SLU-ST-04
1297	80x80x3	Brace	No Messages	0.227	PMM	SLU-ST-04
1298	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1299	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1300	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1301	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1302	80x80x3	Brace	No Messages	0.266	PMM	SLU-ST-04
1303	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-04

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1304	80x80x3	Brace	No Messages	0.337	PMM	SLU-ST-04
1305	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1306	80x80x3	Brace	No Messages	0.309	PMM	SLU-ST-04
1307	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-04
1308	80x80x3	Beam	No Messages	0.237	PMM	SLU-ST-05
1309	80x80x3	Beam	No Messages	0.171	PMM	SLU-ST-05
1310	80x80x3	Beam	No Messages	0.138	PMM	SLU-ST-05
1311	80x80x3	Beam	No Messages	0.136	PMM	SLU-ST-05
1312	80x80x3	Beam	No Messages	0.155	PMM	SLU-ST-05
1313	80x80x3	Beam	No Messages	0.153	PMM	SLU-ST-05
1314	80x80x3	Beam	No Messages	0.327	PMM	SLU-ST-05
1315	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-06
1316	80x80x3	Brace	No Messages	0.042	PMM	SLU-ST-01
1317	80x80x3	Brace	No Messages	0.415	PMM	SLU-ST-04
1318	80x80x3	Brace	No Messages	0.413	PMM	SLU-ST-04
1319	80x80x3	Beam	No Messages	0.335	PMM	SLU-ST-05
1320	80x80x3	Brace	No Messages	0.038	PMM	SLU-ST-01
1321	80x80x3	Brace	No Messages	0.036	PMM	SLU-ST-04
1322	80x80x3	Brace	No Messages	0.084	PMM	SLU-ST-06
1323	80x80x3	Brace	No Messages	0.132	PMM	SLU-ST-06
1324	80x80x3	Brace	No Messages	0.082	PMM	SLU-ST-06
1325	80x80x3	Brace	No Messages	0.126	PMM	SLU-ST-06
1326	80x80x3	Brace	No Messages	0.039	PMM	SLU-ST-06
1327	80x80x3	Brace	No Messages	0.062	PMM	SLU-ST-06
1328	80x80x3	Brace	No Messages	0.030	PMM	SLU-ST-06
1329	80x80x3	Brace	No Messages	0.021	PMM	SLU-ST-04
1330	80x80x3	Brace	No Messages	0.113	PMM	SLU-ST-04
1331	80x80x3	Brace	No Messages	0.075	PMM	SLU-ST-04
1332	80x80x3	Brace	No Messages	0.209	PMM	SLU-ST-04
1333	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-04
1334	80x80x3	Brace	No Messages	0.365	PMM	SLU-ST-04
1335	80x80x3	Brace	No Messages	0.235	PMM	SLU-ST-04
1336	80x80x3	Brace	No Messages	0.245	PMM	SLU-ST-06
1337	80x80x3	Brace	No Messages	0.054	PMM	SLU-ST-04
1338	80x80x3	Brace	No Messages	0.056	PMM	SLU-ST-04
1339	80x80x3	Brace	No Messages	0.061	PMM	SLU-ST-04
1340	80x80x3	Brace	No Messages	0.109	PMM	SLU-ST-04
1341	80x80x3	Brace	No Messages	0.074	PMM	SLU-ST-04
1342	80x80x3	Brace	No Messages	0.122	PMM	SLU-ST-04
1343	80x80x3	Brace	No Messages	0.035	PMM	SLU-ST-04
1344	80x80x3	Brace	No Messages	0.062	PMM	SLU-ST-04
1345	80x80x3	Brace	No Messages	0.040	PMM	SLU-ST-04
1346	80x80x3	Brace	No Messages	0.022	PMM	SLU-ST-04

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1347	80x80x3	Brace	No Messages	0.122	PMM	SLU-ST-04
1348	80x80x3	Brace	No Messages	0.075	PMM	SLU-ST-04
1349	80x80x3	Brace	No Messages	0.217	PMM	SLU-ST-04
1350	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-04
1351	80x80x3	Brace	No Messages	0.377	PMM	SLU-ST-04
1352	80x80x3	Brace	No Messages	0.239	PMM	SLU-ST-04
1353	80x80x3	Brace	No Messages	0.218	PMM	SLU-ST-04
1354	80x80x3	Brace	No Messages	0.062	PMM	SLU-ST-04
1355	80x80x3	Brace	No Messages	0.112	PMM	SLU-ST-04
1356	80x80x3	Brace	No Messages	0.346	PMM	SLU-ST-04
1357	80x80x3	Brace	No Messages	0.144	PMM	SLU-ST-04
1358	80x80x3	Brace	No Messages	0.253	PMM	SLU-ST-01
1359	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1360	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-01
1361	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1362	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1363	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1364	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-06
1365	80x80x3	Brace	No Messages	0.208	PMM	SLU-ST-01
1366	80x80x3	Brace	No Messages	0.138	PMM	SLU-ST-06
1367	80x80x3	Brace	No Messages	0.271	PMM	SLU-ST-01
1368	80x80x3	Brace	No Messages	0.144	PMM	SLU-ST-06
1369	80x80x3	Brace	No Messages	0.257	PMM	SLU-ST-04
1370	80x80x3	Brace	No Messages	0.097	PMM	SLU-ST-05
1371	80x80x3	Brace	No Messages	0.081	PMM	SLU-ST-04
1372	80x80x3	Brace	No Messages	0.104	PMM	SLU-ST-04
1373	80x80x3	Brace	No Messages	0.399	PMM	SLU-ST-04
1374	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1375	80x80x3	Brace	No Messages	0.319	PMM	SLU-ST-04
1376	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1377	80x80x3	Brace	No Messages	0.224	PMM	SLU-ST-04
1378	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1379	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1380	80x80x3	Brace	No Messages	0.180	PMM	SLU-ST-04
1381	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1382	80x80x3	Brace	No Messages	0.265	PMM	SLU-ST-04
1383	80x80x3	Brace	No Messages	0.176	PMM	SLU-ST-04
1384	80x80x3	Brace	No Messages	0.337	PMM	SLU-ST-04
1385	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1386	80x80x3	Brace	No Messages	0.311	PMM	SLU-ST-04
1387	80x80x3	Brace	No Messages	0.099	PMM	SLU-ST-04
1388	80x80x3	Beam	No Messages	0.244	PMM	SLU-ST-05
1389	80x80x3	Beam	No Messages	0.182	PMM	SLU-ST-05

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1390	80x80x3	Beam	No Messages	0.153	PMM	SLU-ST-05
1391	80x80x3	Beam	No Messages	0.161	PMM	SLU-ST-05
1392	80x80x3	Beam	No Messages	0.213	PMM	SLU-ST-05
1393	80x80x3	Beam	No Messages	0.364	PMM	SLU-ST-05
1394	80x80x3	Beam	No Messages	0.404	PMM	SLU-ST-05
1395	80x80x3	Brace	No Messages	0.055	PMM	SLU-ST-06
1396	80x80x3	Brace	No Messages	0.042	PMM	SLU-ST-01
1397	80x80x3	Brace	No Messages	0.409	PMM	SLU-ST-04
1398	80x80x3	Brace	No Messages	0.418	PMM	SLU-ST-04
1399	80x80x3	Beam	No Messages	0.334	PMM	SLU-ST-05
1400	80x80x3	Brace	No Messages	0.225	PMM	SLU-ST-04
1401	80x80x3	Brace	No Messages	0.067	PMM	SLU-ST-04
1402	80x80x3	Brace	No Messages	0.271	PMM	SLU-ST-04
1403	80x80x3	Brace	No Messages	0.430	PMM	SLU-ST-04
1404	80x80x3	Brace	No Messages	0.132	PMM	SLU-ST-04
1405	80x80x3	Brace	No Messages	0.205	PMM	SLU-ST-04
1406	80x80x3	Brace	No Messages	0.056	PMM	SLU-ST-04
1407	80x80x3	Brace	No Messages	0.085	PMM	SLU-ST-04
1408	80x80x3	Brace	No Messages	0.021	PMM	SLU-ST-02
1409	80x80x3	Brace	No Messages	0.018	PMM	SLU-ST-04
1410	80x80x3	Brace	No Messages	0.110	PMM	SLU-ST-04
1411	80x80x3	Brace	No Messages	0.073	PMM	SLU-ST-04
1412	80x80x3	Brace	No Messages	0.209	PMM	SLU-ST-04
1413	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-04
1414	80x80x3	Brace	No Messages	0.368	PMM	SLU-ST-04
1415	80x80x3	Brace	No Messages	0.237	PMM	SLU-ST-04
1416	80x80x3	Brace	No Messages	0.757	PMM	SLU-ST-04
1417	80x80x3	Brace	No Messages	0.206	PMM	SLU-ST-04
1418	80x80x3	Brace	No Messages	0.051	PMM	SLU-ST-04
1419	80x80x3	Brace	No Messages	0.270	PMM	SLU-ST-04
1420	80x80x3	Brace	No Messages	0.413	PMM	SLU-ST-04
1421	80x80x3	Brace	No Messages	0.130	PMM	SLU-ST-04
1422	80x80x3	Brace	No Messages	0.200	PMM	SLU-ST-04
1423	80x80x3	Brace	No Messages	0.053	PMM	SLU-ST-04
1424	80x80x3	Brace	No Messages	0.087	PMM	SLU-ST-04
1425	80x80x3	Brace	No Messages	0.028	PMM	SLU-ST-04
1426	80x80x3	Brace	No Messages	0.023	PMM	SLU-ST-02
1427	80x80x3	Brace	No Messages	0.118	PMM	SLU-ST-04
1428	80x80x3	Brace	No Messages	0.073	PMM	SLU-ST-04
1429	80x80x3	Brace	No Messages	0.214	PMM	SLU-ST-04
1430	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-04
1431	80x80x3	Brace	No Messages	0.374	PMM	SLU-ST-04
1432	80x80x3	Brace	No Messages	0.236	PMM	SLU-ST-04

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1433	80x80x3	Brace	No Messages	0.740	PMM	SLU-ST-04
1434	80x80x3	Brace	No Messages	0.159	PMM	SLU-ST-04
1435	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-04
1436	80x80x3	Brace	No Messages	0.260	PMM	SLU-ST-04
1437	80x80x3	Brace	No Messages	0.158	PMM	SLU-ST-06
1438	80x80x3	Brace	No Messages	0.251	PMM	SLU-ST-01
1439	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-06
1440	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-01
1441	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1442	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-06
1443	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1444	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1445	80x80x3	Brace	No Messages	0.209	PMM	SLU-ST-01
1446	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-06
1447	80x80x3	Brace	No Messages	0.271	PMM	SLU-ST-01
1448	80x80x3	Brace	No Messages	0.145	PMM	SLU-ST-06
1449	80x80x3	Brace	No Messages	0.255	PMM	SLU-ST-04
1450	80x80x3	Brace	No Messages	0.118	PMM	SLU-ST-04
1451	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1452	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-04
1453	80x80x3	Brace	No Messages	0.316	PMM	SLU-ST-04
1454	80x80x3	Brace	No Messages	0.199	PMM	SLU-ST-04
1455	80x80x3	Brace	No Messages	0.320	PMM	SLU-ST-04
1456	80x80x3	Brace	No Messages	0.180	PMM	SLU-ST-04
1457	80x80x3	Brace	No Messages	0.229	PMM	SLU-ST-04
1458	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1459	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1460	80x80x3	Brace	No Messages	0.179	PMM	SLU-ST-04
1461	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1462	80x80x3	Brace	No Messages	0.265	PMM	SLU-ST-04
1463	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-04
1464	80x80x3	Brace	No Messages	0.338	PMM	SLU-ST-04
1465	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1466	80x80x3	Brace	No Messages	0.314	PMM	SLU-ST-04
1467	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-04
1468	80x80x3	Beam	No Messages	0.237	PMM	SLU-ST-05
1469	80x80x3	Beam	No Messages	0.171	PMM	SLU-ST-05
1470	80x80x3	Beam	No Messages	0.138	PMM	SLU-ST-05
1471	80x80x3	Beam	No Messages	0.136	PMM	SLU-ST-05
1472	80x80x3	Beam	No Messages	0.155	PMM	SLU-ST-05
1473	80x80x3	Beam	No Messages	0.153	PMM	SLU-ST-05
1474	80x80x3	Beam	No Messages	0.327	PMM	SLU-ST-05
1475	80x80x3	Brace	No Messages	0.056	PMM	SLU-ST-06

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1476	80x80x3	Brace	No Messages	0.042	PMM	SLU-ST-01
1477	80x80x3	Brace	No Messages	0.400	PMM	SLU-ST-04
1478	80x80x3	Brace	No Messages	0.425	PMM	SLU-ST-04
1479	80x80x3	Beam	No Messages	0.330	PMM	SLU-ST-05
1480	80x80x3	Brace	No Messages	0.042	PMM	SLU-ST-06
1481	80x80x3	Brace	No Messages	0.035	PMM	SLU-ST-04
1482	80x80x3	Brace	No Messages	0.087	PMM	SLU-ST-06
1483	80x80x3	Brace	No Messages	0.136	PMM	SLU-ST-06
1484	80x80x3	Brace	No Messages	0.083	PMM	SLU-ST-06
1485	80x80x3	Brace	No Messages	0.128	PMM	SLU-ST-06
1486	80x80x3	Brace	No Messages	0.040	PMM	SLU-ST-06
1487	80x80x3	Brace	No Messages	0.063	PMM	SLU-ST-06
1488	80x80x3	Brace	No Messages	0.029	PMM	SLU-ST-06
1489	80x80x3	Brace	No Messages	0.020	PMM	SLU-ST-02
1490	80x80x3	Brace	No Messages	0.112	PMM	SLU-ST-04
1491	80x80x3	Brace	No Messages	0.075	PMM	SLU-ST-04
1492	80x80x3	Brace	No Messages	0.211	PMM	SLU-ST-04
1493	80x80x3	Brace	No Messages	0.141	PMM	SLU-ST-04
1494	80x80x3	Brace	No Messages	0.372	PMM	SLU-ST-04
1495	80x80x3	Brace	No Messages	0.240	PMM	SLU-ST-04
1496	80x80x3	Brace	No Messages	0.250	PMM	SLU-ST-06
1497	80x80x3	Brace	No Messages	0.058	PMM	SLU-ST-04
1498	80x80x3	Brace	No Messages	0.058	PMM	SLU-ST-04
1499	80x80x3	Brace	No Messages	0.097	PMM	SLU-ST-05
1500	80x80x3	Brace	No Messages	0.103	PMM	SLU-ST-04
1501	80x80x3	Brace	No Messages	0.072	PMM	SLU-ST-04
1502	80x80x3	Brace	No Messages	0.119	PMM	SLU-ST-04
1503	80x80x3	Brace	No Messages	0.033	PMM	SLU-ST-04
1504	80x80x3	Brace	No Messages	0.059	PMM	SLU-ST-04
1505	80x80x3	Brace	No Messages	0.042	PMM	SLU-ST-04
1506	80x80x3	Brace	No Messages	0.023	PMM	SLU-ST-04
1507	80x80x3	Brace	No Messages	0.124	PMM	SLU-ST-04
1508	80x80x3	Brace	No Messages	0.077	PMM	SLU-ST-04
1509	80x80x3	Brace	No Messages	0.216	PMM	SLU-ST-04
1510	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-04
1511	80x80x3	Brace	No Messages	0.371	PMM	SLU-ST-04
1512	80x80x3	Brace	No Messages	0.234	PMM	SLU-ST-04
1513	80x80x3	Brace	No Messages	0.210	PMM	SLU-ST-04
1514	80x80x3	Brace	No Messages	0.060	PMM	SLU-ST-04
1515	80x80x3	Brace	No Messages	0.111	PMM	SLU-ST-04
1516	80x80x3	Brace	No Messages	0.339	PMM	SLU-ST-04
1517	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-04
1518	80x80x3	Brace	No Messages	0.249	PMM	SLU-ST-01

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1519	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1520	80x80x3	Brace	No Messages	0.169	PMM	SLU-ST-01
1521	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1522	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1523	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1524	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-06
1525	80x80x3	Brace	No Messages	0.209	PMM	SLU-ST-01
1526	80x80x3	Brace	No Messages	0.138	PMM	SLU-ST-06
1527	80x80x3	Brace	No Messages	0.270	PMM	SLU-ST-01
1528	80x80x3	Brace	No Messages	0.145	PMM	SLU-ST-06
1529	80x80x3	Brace	No Messages	0.253	PMM	SLU-ST-04
1530	80x80x3	Brace	No Messages	0.121	PMM	SLU-ST-05
1531	80x80x3	Brace	No Messages	0.084	PMM	SLU-ST-04
1532	80x80x3	Brace	No Messages	0.104	PMM	SLU-ST-04
1533	80x80x3	Brace	No Messages	0.406	PMM	SLU-ST-04
1534	80x80x3	Brace	No Messages	0.170	PMM	SLU-ST-04
1535	80x80x3	Brace	No Messages	0.323	PMM	SLU-ST-04
1536	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1537	80x80x3	Brace	No Messages	0.226	PMM	SLU-ST-04
1538	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1539	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1540	80x80x3	Brace	No Messages	0.178	PMM	SLU-ST-04
1541	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1542	80x80x3	Brace	No Messages	0.263	PMM	SLU-ST-04
1543	80x80x3	Brace	No Messages	0.176	PMM	SLU-ST-04
1544	80x80x3	Brace	No Messages	0.338	PMM	SLU-ST-04
1545	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1546	80x80x3	Brace	No Messages	0.316	PMM	SLU-ST-04
1547	80x80x3	Brace	No Messages	0.098	PMM	SLU-ST-04
1548	80x80x3	Beam	No Messages	0.215	PMM	SLU-ST-05
1549	80x80x3	Beam	No Messages	0.148	PMM	SLU-ST-05
1550	80x80x3	Beam	No Messages	0.121	PMM	SLU-ST-05
1551	80x80x3	Beam	No Messages	0.130	PMM	SLU-ST-05
1552	80x80x3	Beam	No Messages	0.182	PMM	SLU-ST-05
1553	80x80x3	Beam	No Messages	0.336	PMM	SLU-ST-05
1554	80x80x3	Beam	No Messages	0.405	PMM	SLU-ST-05
1555	80x80x3	Brace	No Messages	0.059	PMM	SLU-ST-06
1556	80x80x3	Brace	No Messages	0.049	PMM	SLU-ST-05
1557	80x80x3	Brace	No Messages	0.381	PMM	SLU-ST-04
1558	80x80x3	Brace	No Messages	0.438	PMM	SLU-ST-04
1559	80x80x3	Beam	No Messages	0.307	PMM	SLU-ST-05
1560	80x80x3	Brace	No Messages	0.233	PMM	SLU-ST-04
1561	80x80x3	Brace	No Messages	0.068	PMM	SLU-ST-04

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1562	80x80x3	Brace	No Messages	0.275	PMM	SLU-ST-04
1563	80x80x3	Brace	No Messages	0.436	PMM	SLU-ST-04
1564	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1565	80x80x3	Brace	No Messages	0.209	PMM	SLU-ST-04
1566	80x80x3	Brace	No Messages	0.058	PMM	SLU-ST-04
1567	80x80x3	Brace	No Messages	0.089	PMM	SLU-ST-04
1568	80x80x3	Brace	No Messages	0.019	PMM	SLU-ST-04
1569	80x80x3	Brace	No Messages	0.019	PMM	SLU-ST-04
1570	80x80x3	Brace	No Messages	0.106	PMM	SLU-ST-06
1571	80x80x3	Brace	No Messages	0.071	PMM	SLU-ST-04
1572	80x80x3	Brace	No Messages	0.209	PMM	SLU-ST-04
1573	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-04
1574	80x80x3	Brace	No Messages	0.377	PMM	SLU-ST-04
1575	80x80x3	Brace	No Messages	0.243	PMM	SLU-ST-04
1576	80x80x3	Brace	No Messages	0.766	PMM	SLU-ST-04
1577	80x80x3	Brace	No Messages	0.203	PMM	SLU-ST-04
1578	80x80x3	Brace	No Messages	0.050	PMM	SLU-ST-04
1579	80x80x3	Brace	No Messages	0.267	PMM	SLU-ST-04
1580	80x80x3	Brace	No Messages	0.409	PMM	SLU-ST-04
1581	80x80x3	Brace	No Messages	0.128	PMM	SLU-ST-04
1582	80x80x3	Brace	No Messages	0.197	PMM	SLU-ST-04
1583	80x80x3	Brace	No Messages	0.051	PMM	SLU-ST-04
1584	80x80x3	Brace	No Messages	0.083	PMM	SLU-ST-04
1585	80x80x3	Brace	No Messages	0.033	PMM	SLU-ST-04
1586	80x80x3	Brace	No Messages	0.021	PMM	SLU-ST-02
1587	80x80x3	Brace	No Messages	0.125	PMM	SLU-ST-04
1588	80x80x3	Brace	No Messages	0.078	PMM	SLU-ST-04
1589	80x80x3	Brace	No Messages	0.219	PMM	SLU-ST-04
1590	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-04
1591	80x80x3	Brace	No Messages	0.370	PMM	SLU-ST-04
1592	80x80x3	Brace	No Messages	0.233	PMM	SLU-ST-04
1593	80x80x3	Brace	No Messages	0.734	PMM	SLU-ST-04
1594	80x80x3	Brace	No Messages	0.160	PMM	SLU-ST-04
1595	80x80x3	Brace	No Messages	0.138	PMM	SLU-ST-04
1596	80x80x3	Brace	No Messages	0.256	PMM	SLU-ST-04
1597	80x80x3	Brace	No Messages	0.159	PMM	SLU-ST-06
1598	80x80x3	Brace	No Messages	0.250	PMM	SLU-ST-01
1599	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-06
1600	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-01
1601	80x80x3	Brace	No Messages	0.136	PMM	SLU-ST-06
1602	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1603	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-01
1604	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06

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1605	80x80x3	Brace	No Messages	0.211	PMM	SLU-ST-01
1606	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-06
1607	80x80x3	Brace	No Messages	0.272	PMM	SLU-ST-01
1608	80x80x3	Brace	No Messages	0.145	PMM	SLU-ST-06
1609	80x80x3	Brace	No Messages	0.250	PMM	SLU-ST-04
1610	80x80x3	Brace	No Messages	0.117	PMM	SLU-ST-04
1611	80x80x3	Brace	No Messages	0.175	PMM	SLU-ST-04
1612	80x80x3	Brace	No Messages	0.139	PMM	SLU-ST-04
1613	80x80x3	Brace	No Messages	0.320	PMM	SLU-ST-04
1614	80x80x3	Brace	No Messages	0.200	PMM	SLU-ST-04
1615	80x80x3	Brace	No Messages	0.321	PMM	SLU-ST-04
1616	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1617	80x80x3	Brace	No Messages	0.230	PMM	SLU-ST-04
1618	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1619	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1620	80x80x3	Brace	No Messages	0.177	PMM	SLU-ST-04
1621	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-04
1622	80x80x3	Brace	No Messages	0.263	PMM	SLU-ST-04
1623	80x80x3	Brace	No Messages	0.178	PMM	SLU-ST-04
1624	80x80x3	Brace	No Messages	0.338	PMM	SLU-ST-04
1625	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1626	80x80x3	Brace	No Messages	0.319	PMM	SLU-ST-04
1627	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-04
1628	80x80x3	Beam	No Messages	0.166	PMM	SLU-ST-05
1629	80x80x3	Beam	No Messages	0.101	PMM	SLU-ST-05
1630	80x80x3	Beam	No Messages	0.076	PMM	SLU-ST-05
1631	80x80x3	Beam	No Messages	0.077	PMM	SLU-ST-05
1632	80x80x3	Beam	No Messages	0.092	PMM	SLU-ST-05
1633	80x80x3	Beam	No Messages	0.087	PMM	SLU-ST-05
1634	80x80x3	Beam	No Messages	0.309	PMM	SLU-ST-05
1635	80x80x3	Brace	No Messages	0.066	PMM	SLU-ST-06
1636	80x80x3	Brace	No Messages	0.071	PMM	SLU-ST-05
1637	80x80x3	Brace	No Messages	0.338	PMM	SLU-ST-04
1638	80x80x3	Brace	No Messages	0.467	PMM	SLU-ST-04
1639	80x80x3	Beam	No Messages	0.231	PMM	SLU-ST-05
1640	80x80x3	Brace	No Messages	0.123	PMM	SLU-ST-05
1641	80x80x3	Brace	No Messages	0.034	PMM	SLU-ST-01
1642	80x80x3	Brace	No Messages	0.087	PMM	SLU-ST-06
1643	80x80x3	Brace	No Messages	0.136	PMM	SLU-ST-06
1644	80x80x3	Brace	No Messages	0.083	PMM	SLU-ST-06
1645	80x80x3	Brace	No Messages	0.127	PMM	SLU-ST-06
1646	80x80x3	Brace	No Messages	0.040	PMM	SLU-ST-06
1647	80x80x3	Brace	No Messages	0.064	PMM	SLU-ST-06

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1648	80x80x3	Brace	No Messages	0.027	PMM	SLU-ST-06
1649	80x80x3	Brace	No Messages	0.020	PMM	SLU-ST-02
1650	80x80x3	Brace	No Messages	0.108	PMM	SLU-ST-06
1651	80x80x3	Brace	No Messages	0.071	PMM	SLU-ST-04
1652	80x80x3	Brace	No Messages	0.208	PMM	SLU-ST-04
1653	80x80x3	Brace	No Messages	0.138	PMM	SLU-ST-04
1654	80x80x3	Brace	No Messages	0.383	PMM	SLU-ST-04
1655	80x80x3	Brace	No Messages	0.247	PMM	SLU-ST-04
1656	80x80x3	Brace	No Messages	0.248	PMM	SLU-ST-06
1657	80x80x3	Brace	No Messages	0.120	PMM	SLU-ST-05
1658	80x80x3	Brace	No Messages	0.070	PMM	SLU-ST-04
1659	80x80x3	Brace	No Messages	0.173	PMM	SLU-ST-05
1660	80x80x3	Brace	No Messages	0.107	PMM	SLU-ST-05
1661	80x80x3	Brace	No Messages	0.072	PMM	SLU-ST-04
1662	80x80x3	Brace	No Messages	0.119	PMM	SLU-ST-04
1663	80x80x3	Brace	No Messages	0.031	PMM	SLU-ST-04
1664	80x80x3	Brace	No Messages	0.055	PMM	SLU-ST-04
1665	80x80x3	Brace	No Messages	0.047	PMM	SLU-ST-04
1666	80x80x3	Brace	No Messages	0.027	PMM	SLU-ST-04
1667	80x80x3	Brace	No Messages	0.133	PMM	SLU-ST-04
1668	80x80x3	Brace	No Messages	0.084	PMM	SLU-ST-04
1669	80x80x3	Brace	No Messages	0.229	PMM	SLU-ST-04
1670	80x80x3	Brace	No Messages	0.150	PMM	SLU-ST-04
1671	80x80x3	Brace	No Messages	0.376	PMM	SLU-ST-04
1672	80x80x3	Brace	No Messages	0.238	PMM	SLU-ST-04
1673	80x80x3	Brace	No Messages	0.176	PMM	SLU-ST-04
1674	80x80x3	Brace	No Messages	0.061	PMM	SLU-ST-04
1675	80x80x3	Brace	No Messages	0.115	PMM	SLU-ST-04
1676	80x80x3	Brace	No Messages	0.330	PMM	SLU-ST-04
1677	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-06
1678	80x80x3	Brace	No Messages	0.247	PMM	SLU-ST-01
1679	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1680	80x80x3	Brace	No Messages	0.165	PMM	SLU-ST-01
1681	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-04
1682	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-04
1683	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-01
1684	80x80x3	Brace	No Messages	0.135	PMM	SLU-ST-06
1685	80x80x3	Brace	No Messages	0.217	PMM	SLU-ST-01
1686	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-06
1687	80x80x3	Brace	No Messages	0.278	PMM	SLU-ST-01
1688	80x80x3	Brace	No Messages	0.147	PMM	SLU-ST-06
1689	80x80x3	Brace	No Messages	0.250	PMM	SLU-ST-01
1690	80x80x3	Brace	No Messages	0.122	PMM	SLU-ST-05

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1691	80x80x3	Brace	No Messages	0.090	PMM	SLU-ST-04
1692	80x80x3	Brace	No Messages	0.109	PMM	SLU-ST-04
1693	80x80x3	Brace	No Messages	0.428	PMM	SLU-ST-04
1694	80x80x3	Brace	No Messages	0.169	PMM	SLU-ST-04
1695	80x80x3	Brace	No Messages	0.328	PMM	SLU-ST-04
1696	80x80x3	Brace	No Messages	0.170	PMM	SLU-ST-04
1697	80x80x3	Brace	No Messages	0.241	PMM	SLU-ST-04
1698	80x80x3	Brace	No Messages	0.170	PMM	SLU-ST-04
1699	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1700	80x80x3	Brace	No Messages	0.172	PMM	SLU-ST-04
1701	80x80x3	Brace	No Messages	0.174	PMM	SLU-ST-04
1702	80x80x3	Brace	No Messages	0.259	PMM	SLU-ST-04
1703	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1704	80x80x3	Brace	No Messages	0.336	PMM	SLU-ST-04
1705	80x80x3	Brace	No Messages	0.186	PMM	SLU-ST-04
1706	80x80x3	Brace	No Messages	0.319	PMM	SLU-ST-04
1707	80x80x3	Brace	No Messages	0.099	PMM	SLU-ST-04
1708	80x80x3	Beam	No Messages	0.081	PMM	SLU-ST-05
1709	80x80x3	Beam	No Messages	0.049	PMM	SLU-ST-02
1710	80x80x3	Beam	No Messages	0.048	PMM	SLU-ST-02
1711	80x80x3	Beam	No Messages	0.051	PMM	SLU-ST-05
1712	80x80x3	Beam	No Messages	0.089	PMM	SLU-ST-05
1713	80x80x3	Beam	No Messages	0.207	PMM	SLU-ST-05
1714	80x80x3	Beam	No Messages	0.258	PMM	SLU-ST-05
1715	80x80x3	Brace	No Messages	0.118	PMM	SLU-ST-05
1716	80x80x3	Brace	No Messages	0.048	PMM	SLU-ST-04
1717	80x80x3	Brace	No Messages	0.437	PMM	SLU-ST-04
1718	80x80x3	Brace	No Messages	0.547	PMM	SLU-ST-04
1719	80x80x3	Beam	No Messages	0.169	PMM	SLU-ST-04
1720	80x80x3	Brace	No Messages	0.304	PMM	SLU-ST-04
1721	80x80x3	Brace	No Messages	0.070	PMM	SLU-ST-05
1722	80x80x3	Brace	No Messages	0.311	PMM	SLU-ST-05
1723	80x80x3	Brace	No Messages	0.496	PMM	SLU-ST-05
1724	80x80x3	Brace	No Messages	0.134	PMM	SLU-ST-05
1725	80x80x3	Brace	No Messages	0.211	PMM	SLU-ST-05
1726	80x80x3	Brace	No Messages	0.056	PMM	SLU-ST-04
1727	80x80x3	Brace	No Messages	0.085	PMM	SLU-ST-05
1728	80x80x3	Brace	No Messages	0.022	PMM	SLU-ST-02
1729	80x80x3	Brace	No Messages	0.020	PMM	SLU-ST-02
1730	80x80x3	Brace	No Messages	0.111	PMM	SLU-ST-04
1731	80x80x3	Brace	No Messages	0.076	PMM	SLU-ST-04
1732	80x80x3	Brace	No Messages	0.213	PMM	SLU-ST-04
1733	80x80x3	Brace	No Messages	0.144	PMM	SLU-ST-04

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1734	80x80x3	Brace	No Messages	0.408	PMM	SLU-ST-05
1735	80x80x3	Brace	No Messages	0.256	PMM	SLU-ST-04
1736	80x80x3	Brace	No Messages	0.832	PMM	SLU-ST-05
1737	80x80x3	Brace	No Messages	0.215	PMM	SLU-ST-04
1738	80x80x3	Brace	No Messages	0.106	PMM	SLU-ST-04
1739	80x80x3	Brace	No Messages	0.247	PMM	SLU-ST-04
1740	80x80x3	Brace	No Messages	0.412	PMM	SLU-ST-04
1741	80x80x3	Brace	No Messages	0.116	PMM	SLU-ST-04
1742	80x80x3	Brace	No Messages	0.200	PMM	SLU-ST-04
1743	80x80x3	Brace	No Messages	0.053	PMM	SLU-ST-04
1744	80x80x3	Brace	No Messages	0.103	PMM	SLU-ST-04
1745	80x80x3	Brace	No Messages	0.053	PMM	SLU-ST-04
1746	80x80x3	Brace	No Messages	0.052	PMM	SLU-ST-04
1747	80x80x3	Brace	No Messages	0.130	PMM	SLU-ST-04
1748	80x80x3	Brace	No Messages	0.070	PMM	SLU-ST-04
1749	80x80x3	Brace	No Messages	0.238	PMM	SLU-ST-04
1750	80x80x3	Brace	No Messages	0.142	PMM	SLU-ST-04
1751	80x80x3	Brace	No Messages	0.409	PMM	SLU-ST-04
1752	80x80x3	Brace	No Messages	0.246	PMM	SLU-ST-04
1753	80x80x3	Brace	No Messages	0.498	PMM	SLU-ST-04
1754	80x80x3	Brace	No Messages	0.179	PMM	SLU-ST-04
1755	80x80x3	Brace	No Messages	0.159	PMM	SLU-ST-04
1756	80x80x3	Brace	No Messages	0.253	PMM	SLU-ST-01
1757	80x80x3	Brace	No Messages	0.160	PMM	SLU-ST-06
1758	80x80x3	Brace	No Messages	0.242	PMM	SLU-ST-01
1759	80x80x3	Brace	No Messages	0.138	PMM	SLU-ST-06
1760	80x80x3	Brace	No Messages	0.156	PMM	SLU-ST-01
1761	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-04
1762	80x80x3	Brace	No Messages	0.141	PMM	SLU-ST-04
1763	80x80x3	Brace	No Messages	0.155	PMM	SLU-ST-01
1764	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-04
1765	80x80x3	Brace	No Messages	0.235	PMM	SLU-ST-01
1766	80x80x3	Brace	No Messages	0.140	PMM	SLU-ST-06
1767	80x80x3	Brace	No Messages	0.301	PMM	SLU-ST-01
1768	80x80x3	Brace	No Messages	0.151	PMM	SLU-ST-06
1769	80x80x3	Brace	No Messages	0.275	PMM	SLU-ST-01
1770	80x80x3	Brace	No Messages	0.121	PMM	SLU-ST-04
1771	80x80x3	Brace	No Messages	0.198	PMM	SLU-ST-04
1772	80x80x3	Brace	No Messages	0.079	PMM	SLU-ST-04
1773	80x80x3	Brace	No Messages	0.300	PMM	SLU-ST-04
1774	80x80x3	Brace	No Messages	0.170	PMM	SLU-ST-04
1775	80x80x3	Brace	No Messages	0.376	PMM	SLU-ST-04
1776	80x80x3	Brace	No Messages	0.179	PMM	SLU-ST-04

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1777	80x80x3	Brace	No Messages	0.283	PMM	SLU-ST-04
1778	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1779	80x80x3	Brace	No Messages	0.184	PMM	SLU-ST-04
1780	80x80x3	Brace	No Messages	0.183	PMM	SLU-ST-04
1781	80x80x3	Brace	No Messages	0.181	PMM	SLU-ST-04
1782	80x80x3	Brace	No Messages	0.265	PMM	SLU-ST-04
1783	80x80x3	Brace	No Messages	0.180	PMM	SLU-ST-04
1784	80x80x3	Brace	No Messages	0.343	PMM	SLU-ST-04
1785	80x80x3	Brace	No Messages	0.171	PMM	SLU-ST-04
1786	80x80x3	Brace	No Messages	0.310	PMM	SLU-ST-04
1787	80x80x3	Brace	No Messages	0.158	PMM	SLU-ST-04
1788	80x80x3	Beam	No Messages	0.076	PMM	SLU-ST-04
1789	80x80x3	Beam	No Messages	0.072	PMM	SLU-ST-04
1790	80x80x3	Beam	No Messages	0.071	PMM	SLU-ST-04
1791	80x80x3	Beam	No Messages	0.072	PMM	SLU-ST-04
1792	80x80x3	Beam	No Messages	0.076	PMM	SLU-ST-04
1793	80x80x3	Beam	No Messages	0.107	PMM	SLU-ST-04
1794	80x80x3	Beam	No Messages	0.186	PMM	SLU-ST-04
1795	HE340A	Beam	No Messages	0.294	PMM	SLU-ST-05
1796	HE340A	Beam	No Messages	0.274	PMM	SLU-ST-05
1797	HE340A	Beam	No Messages	0.287	PMM	SLU-ST-05
1798	HE340A	Beam	No Messages	0.285	PMM	SLU-ST-05
1799	HE340A	Beam	No Messages	0.288	PMM	SLU-ST-05
1800	HE340A	Beam	No Messages	0.288	PMM	SLU-ST-05
1801	HE340A	Beam	No Messages	0.285	PMM	SLU-ST-05
1802	HE340A	Beam	No Messages	0.287	PMM	SLU-ST-05
1803	HE340A	Beam	No Messages	0.344	PMM	SLU-ST-05
1804	120x120x4	Beam	No Messages	0.580	PMM	SLU-ST-05
1805	120x120x4	Beam	No Messages	0.689	PMM	SLU-ST-05
1806	120x120x4	Beam	No Messages	0.572	PMM	SLU-ST-05
1807	120x120x4	Beam	No Messages	0.691	PMM	SLU-ST-05
1808	120x120x4	Beam	No Messages	0.572	PMM	SLU-ST-05
1809	120x120x4	Beam	No Messages	0.691	PMM	SLU-ST-05
1810	120x120x4	Beam	No Messages	0.572	PMM	SLU-ST-05
1811	120x120x4	Beam	No Messages	0.689	PMM	SLU-ST-05
1812	120x120x4	Beam	No Messages	0.580	PMM	SLU-ST-05
1813	120x120x4	Beam	No Messages	0.861	PMM	SLU-ST-05
1822	80x80x3	Beam	No Messages	0.193	PMM	SLU-ST-05
1824	80x80x3	Beam	No Messages	0.193	PMM	SLU-ST-05

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## 2- VERIFICHE SLU POST OPERAM

**TABLE: Steel Design 1 - Summary Data - Italian NTC 2018**

Frame	DesignSect	DesignType	Status	Ratio	RatioType	Combo
Text	Text	Text	Text	Unitless	Text	Text
1	120x120x4	Beam	No Messages	0.19	PMM	SLU-ST-01
2	120x120x4	Beam	No Messages	0.98	PMM	SLU-ST-05
3	120x120x4	Beam	No Messages	0.20	PMM	SLU-ST-05
4	120x120x4	Beam	No Messages	0.64	PMM	SLU-ST-01
5	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
6	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
7	120x120x4	Beam	No Messages	0.66	PMM	SLU-ST-01
8	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-01
9	120x120x4	Beam	No Messages	0.20	PMM	SLU-ST-05
10	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-01
11	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
12	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
13	120x120x4	Beam	No Messages	0.69	PMM	SLU-ST-01
14	120x120x4	Beam	No Messages	0.19	PMM	SLU-ST-05
15	120x120x4	Beam	No Messages	0.19	PMM	SLU-ST-05
16	120x120x4	Beam	No Messages	0.70	PMM	SLU-ST-01
17	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
18	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
19	120x120x4	Beam	No Messages	0.69	PMM	SLU-ST-01
20	120x120x4	Beam	No Messages	0.19	PMM	SLU-ST-05
21	120x120x4	Beam	No Messages	0.19	PMM	SLU-ST-05
22	120x120x4	Beam	No Messages	0.70	PMM	SLU-ST-01
23	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
24	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
25	120x120x4	Beam	No Messages	0.69	PMM	SLU-ST-01
26	120x120x4	Beam	No Messages	0.20	PMM	SLU-ST-05
27	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-01
28	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-01
29	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
30	120x120x4	Beam	No Messages	0.17	PMM	SLU-ST-05
31	120x120x4	Beam	No Messages	0.66	PMM	SLU-ST-01
32	120x120x4	Beam	No Messages	0.20	PMM	SLU-ST-05
33	120x120x4	Beam	No Messages	0.19	PMM	SLU-ST-01
34	120x120x4	Beam	No Messages	0.64	PMM	SLU-ST-01
915	80x80x3	Beam	No Messages	0.20	PMM	SLU-ST-01
916	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
917	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
918	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01

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919	80x80x3	Brace	No Messages	0.46	PMM	SLU-ST-01
920	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
921	80x80x3	Brace	No Messages	0.21	PMM	SLU-ST-01
922	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
923	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
924	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
925	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
926	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
927	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
928	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
929	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
930	80x80x3	Brace	No Messages	0.45	PMM	SLU-ST-01
931	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
932	80x80x3	Brace	No Messages	0.56	PMM	SLU-ST-01
933	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
934	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-05
935	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
936	80x80x3	Brace	No Messages	0.59	PMM	SLU-ST-05
937	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
938	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
939	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
940	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
941	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
942	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
943	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
944	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
945	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
946	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
947	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
948	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
949	80x80x3	Brace	Overstressed	1.01	PMM	SLU-ST-01
950	80x80x3	Brace	No Messages	0.22	PMM	SLU-ST-01
951	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
952	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
953	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
954	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
955	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
956	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
957	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
958	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
959	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
960	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
961	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01

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962	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
963	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
964	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
965	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
966	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
967	80x80x3	Brace	No Messages	0.22	PMM	SLU-ST-01
968	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
969	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
970	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
971	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
972	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
973	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
974	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
975	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
976	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
977	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
978	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
979	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
980	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
981	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
982	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
983	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
984	80x80x3	Beam	No Messages	0.10	PMM	SLU-ST-01
985	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-01
986	80x80x3	Beam	No Messages	0.05	PMM	SLU-ST-01
987	80x80x3	Beam	No Messages	0.05	PMM	SLU-ST-01
988	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-01
989	80x80x3	Beam	No Messages	0.14	PMM	SLU-ST-01
990	80x80x3	Beam	No Messages	0.22	PMM	SLU-ST-01
991	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
992	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-05
993	80x80x3	Brace	No Messages	0.68	PMM	SLU-ST-01
994	80x80x3	Brace	No Messages	0.50	PMM	SLU-ST-01
995	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-05
996	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
997	80x80x3	Brace	No Messages	0.65	PMM	SLU-ST-01
998	80x80x3	Brace	No Messages	0.40	PMM	SLU-ST-01
999	80x80x3	Beam	No Messages	0.21	PMM	SLU-ST-05
1000	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-05
1001	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1002	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-05
1003	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-05
1004	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01

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1005	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1006	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1007	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1008	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1009	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1010	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1011	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1012	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1013	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1014	80x80x3	Brace	No Messages	0.42	PMM	SLU-ST-01
1015	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1016	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1017	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-05
1018	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1019	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1020	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1021	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1022	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1023	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1024	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1025	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1026	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1027	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1028	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1029	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1030	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1031	80x80x3	Brace	No Messages	0.54	PMM	SLU-ST-01
1032	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1033	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1034	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1035	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1036	80x80x3	Brace	No Messages	0.48	PMM	SLU-ST-01
1037	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1038	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
1039	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1040	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1041	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1042	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1043	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1044	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1045	80x80x3	Brace	No Messages	0.26	PMM	SLU-ST-01
1046	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1047	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01

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1048	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1049	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
1050	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-05
1051	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-06
1052	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1053	80x80x3	Brace	No Messages	0.49	PMM	SLU-ST-01
1054	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1055	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1056	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1057	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1058	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1059	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1060	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1061	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1062	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1063	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1064	80x80x3	Brace	No Messages	0.41	PMM	SLU-ST-01
1065	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1066	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1067	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-05
1068	80x80x3	Beam	No Messages	0.08	PMM	SLU-ST-01
1069	80x80x3	Beam	No Messages	0.07	PMM	SLU-ST-01
1070	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-01
1071	80x80x3	Beam	No Messages	0.05	PMM	SLU-ST-01
1072	80x80x3	Beam	No Messages	0.08	PMM	SLU-ST-05
1073	80x80x3	Beam	No Messages	0.21	PMM	SLU-ST-05
1074	80x80x3	Beam	No Messages	0.27	PMM	SLU-ST-05
1075	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1076	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1077	80x80x3	Brace	No Messages	0.61	PMM	SLU-ST-01
1078	80x80x3	Brace	No Messages	0.52	PMM	SLU-ST-01
1079	80x80x3	Beam	No Messages	0.30	PMM	SLU-ST-05
1080	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1081	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1082	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1083	80x80x3	Brace	No Messages	0.52	PMM	SLU-ST-01
1084	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1085	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1086	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1087	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1088	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1089	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1090	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01

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1091	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1092	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1093	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1094	80x80x3	Brace	No Messages	0.46	PMM	SLU-ST-01
1095	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1096	80x80x3	Brace	No Messages	0.95	PMM	SLU-ST-01
1097	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1098	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-05
1099	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1100	80x80x3	Brace	No Messages	0.60	PMM	SLU-ST-01
1101	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1102	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1103	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1104	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1105	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1106	80x80x3	Brace	No Messages	0.01	PMM	SLU-ST-01
1107	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1108	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1109	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1110	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1111	80x80x3	Brace	No Messages	0.53	PMM	SLU-ST-01
1112	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1113	80x80x3	Brace	Overstressed	1.03	PMM	SLU-ST-01
1114	80x80x3	Brace	No Messages	0.22	PMM	SLU-ST-01
1115	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1116	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1117	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1118	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1119	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1120	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
1121	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1122	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1123	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1124	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1125	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1126	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1127	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1128	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1129	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1130	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1131	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1132	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1133	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01

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1134	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1135	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1136	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1137	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1138	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1139	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1140	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1141	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1142	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1143	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1144	80x80x3	Brace	No Messages	0.40	PMM	SLU-ST-01
1145	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1146	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1147	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1148	80x80x3	Beam	No Messages	0.15	PMM	SLU-ST-05
1149	80x80x3	Beam	No Messages	0.08	PMM	SLU-ST-05
1150	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-05
1151	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-05
1152	80x80x3	Beam	No Messages	0.07	PMM	SLU-ST-05
1153	80x80x3	Beam	No Messages	0.12	PMM	SLU-ST-01
1154	80x80x3	Beam	No Messages	0.28	PMM	SLU-ST-05
1155	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1156	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1157	80x80x3	Brace	No Messages	0.60	PMM	SLU-ST-01
1158	80x80x3	Brace	No Messages	0.55	PMM	SLU-ST-01
1159	80x80x3	Beam	No Messages	0.33	PMM	SLU-ST-05
1160	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1161	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1162	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-05
1163	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1164	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1165	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1166	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1167	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1168	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1169	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1170	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1171	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1172	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1173	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1174	80x80x3	Brace	No Messages	0.48	PMM	SLU-ST-01
1175	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1176	80x80x3	Brace	No Messages	0.26	PMM	SLU-ST-01

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1177	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-06
1178	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1179	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1180	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1181	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1182	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1183	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1184	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1185	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1186	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1187	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1188	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1189	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1190	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1191	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1192	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
1193	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1194	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1195	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1196	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1197	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1198	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1199	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1200	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1201	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1202	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1203	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1204	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1205	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1206	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1207	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1208	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1209	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1210	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1211	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1212	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1213	80x80x3	Brace	No Messages	0.49	PMM	SLU-ST-01
1214	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1215	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1216	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1217	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1218	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1219	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01

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1220	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1221	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1222	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1223	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1224	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1225	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1226	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1227	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-05
1228	80x80x3	Beam	No Messages	0.20	PMM	SLU-ST-05
1229	80x80x3	Beam	No Messages	0.13	PMM	SLU-ST-05
1230	80x80x3	Beam	No Messages	0.10	PMM	SLU-ST-05
1231	80x80x3	Beam	No Messages	0.11	PMM	SLU-ST-05
1232	80x80x3	Beam	No Messages	0.17	PMM	SLU-ST-05
1233	80x80x3	Beam	No Messages	0.35	PMM	SLU-ST-05
1234	80x80x3	Beam	No Messages	0.43	PMM	SLU-ST-05
1235	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1236	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1237	80x80x3	Brace	No Messages	0.59	PMM	SLU-ST-01
1238	80x80x3	Brace	No Messages	0.57	PMM	SLU-ST-01
1239	80x80x3	Beam	No Messages	0.33	PMM	SLU-ST-05
1240	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1241	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1242	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1243	80x80x3	Brace	No Messages	0.56	PMM	SLU-ST-01
1244	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1245	80x80x3	Brace	No Messages	0.26	PMM	SLU-ST-01
1246	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1247	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1248	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1249	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1250	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1251	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1252	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1253	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1254	80x80x3	Brace	No Messages	0.49	PMM	SLU-ST-01
1255	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1256	80x80x3	Brace	No Messages	0.99	PMM	SLU-ST-01
1257	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1258	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1259	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1260	80x80x3	Brace	No Messages	0.58	PMM	SLU-ST-01
1261	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1262	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01

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1263	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1264	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1265	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1266	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1267	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1268	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1269	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1270	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1271	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1272	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1273	80x80x3	Brace	Overstressed	1.02	PMM	SLU-ST-01
1274	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1275	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1276	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1277	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1278	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1279	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1280	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
1281	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1282	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1283	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1284	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1285	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1286	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1287	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1288	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1289	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1290	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1291	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1292	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1293	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1294	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1295	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1296	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1297	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1298	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1299	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1300	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1301	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1302	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1303	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1304	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1305	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01

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1306	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1307	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1308	80x80x3	Beam	No Messages	0.23	PMM	SLU-ST-05
1309	80x80x3	Beam	No Messages	0.16	PMM	SLU-ST-05
1310	80x80x3	Beam	No Messages	0.12	PMM	SLU-ST-05
1311	80x80x3	Beam	No Messages	0.12	PMM	SLU-ST-05
1312	80x80x3	Beam	No Messages	0.14	PMM	SLU-ST-05
1313	80x80x3	Beam	No Messages	0.13	PMM	SLU-ST-05
1314	80x80x3	Beam	No Messages	0.30	PMM	SLU-ST-05
1315	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1316	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1317	80x80x3	Brace	No Messages	0.58	PMM	SLU-ST-01
1318	80x80x3	Brace	No Messages	0.58	PMM	SLU-ST-01
1319	80x80x3	Beam	No Messages	0.33	PMM	SLU-ST-05
1320	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1321	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1322	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1323	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1324	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1325	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1326	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1327	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1328	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1329	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1330	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1331	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1332	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1333	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1334	80x80x3	Brace	No Messages	0.50	PMM	SLU-ST-01
1335	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1336	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1337	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1338	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1339	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1340	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1341	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1342	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1343	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1344	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1345	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1346	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1347	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1348	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01

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1349	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1350	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1351	80x80x3	Brace	No Messages	0.50	PMM	SLU-ST-01
1352	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1353	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1354	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1355	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1356	80x80x3	Brace	No Messages	0.50	PMM	SLU-ST-01
1357	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1358	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1359	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1360	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1361	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1362	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1363	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1364	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1365	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1366	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1367	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1368	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1369	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1370	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-05
1371	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1372	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1373	80x80x3	Brace	No Messages	0.50	PMM	SLU-ST-01
1374	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1375	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1376	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1377	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1378	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1379	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1380	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1381	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1382	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1383	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1384	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1385	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1386	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1387	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-05
1388	80x80x3	Beam	No Messages	0.24	PMM	SLU-ST-05
1389	80x80x3	Beam	No Messages	0.17	PMM	SLU-ST-05
1390	80x80x3	Beam	No Messages	0.14	PMM	SLU-ST-05
1391	80x80x3	Beam	No Messages	0.15	PMM	SLU-ST-05

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1392	80x80x3	Beam	No Messages	0.21	PMM	SLU-ST-05
1393	80x80x3	Beam	No Messages	0.38	PMM	SLU-ST-05
1394	80x80x3	Beam	No Messages	0.43	PMM	SLU-ST-05
1395	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1396	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1397	80x80x3	Brace	No Messages	0.57	PMM	SLU-ST-01
1398	80x80x3	Brace	No Messages	0.59	PMM	SLU-ST-01
1399	80x80x3	Beam	No Messages	0.33	PMM	SLU-ST-05
1400	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1401	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1402	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1403	80x80x3	Brace	No Messages	0.58	PMM	SLU-ST-01
1404	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1405	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1406	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1407	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1408	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1409	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1410	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1411	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1412	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1413	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1414	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1415	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1416	80x80x3	Brace	Overstressed	1.02	PMM	SLU-ST-01
1417	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1418	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1419	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1420	80x80x3	Brace	No Messages	0.56	PMM	SLU-ST-01
1421	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1422	80x80x3	Brace	No Messages	0.26	PMM	SLU-ST-01
1423	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1424	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1425	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1426	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1427	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1428	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1429	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1430	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1431	80x80x3	Brace	No Messages	0.49	PMM	SLU-ST-01
1432	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1433	80x80x3	Brace	No Messages	0.99	PMM	SLU-ST-01
1434	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01

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1435	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1436	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1437	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1438	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1439	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1440	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1441	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1442	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1443	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1444	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1445	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1446	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1447	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1448	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1449	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1450	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1451	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1452	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1453	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1454	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1455	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1456	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1457	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
1458	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1459	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1460	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1461	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1462	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1463	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1464	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1465	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1466	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1467	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1468	80x80x3	Beam	No Messages	0.23	PMM	SLU-ST-05
1469	80x80x3	Beam	No Messages	0.16	PMM	SLU-ST-05
1470	80x80x3	Beam	No Messages	0.12	PMM	SLU-ST-05
1471	80x80x3	Beam	No Messages	0.12	PMM	SLU-ST-05
1472	80x80x3	Beam	No Messages	0.14	PMM	SLU-ST-05
1473	80x80x3	Beam	No Messages	0.13	PMM	SLU-ST-05
1474	80x80x3	Beam	No Messages	0.30	PMM	SLU-ST-05
1475	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1476	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1477	80x80x3	Brace	No Messages	0.55	PMM	SLU-ST-01

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1478	80x80x3	Brace	No Messages	0.60	PMM	SLU-ST-01
1479	80x80x3	Beam	No Messages	0.33	PMM	SLU-ST-05
1480	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1481	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1482	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1483	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1484	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1485	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1486	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1487	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1488	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1489	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1490	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1491	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1492	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1493	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1494	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1495	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
1496	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1497	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1498	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1499	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-05
1500	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1501	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1502	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1503	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1504	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1505	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1506	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1507	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1508	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1509	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1510	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1511	80x80x3	Brace	No Messages	0.48	PMM	SLU-ST-01
1512	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1513	80x80x3	Brace	No Messages	0.26	PMM	SLU-ST-01
1514	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1515	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1516	80x80x3	Brace	No Messages	0.49	PMM	SLU-ST-01
1517	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1518	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1519	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1520	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01

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1521	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1522	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1523	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1524	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1525	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1526	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1527	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1528	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1529	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1530	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-05
1531	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1532	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1533	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1534	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1535	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1536	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1537	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1538	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1539	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1540	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1541	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1542	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1543	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1544	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1545	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1546	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1547	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1548	80x80x3	Beam	No Messages	0.20	PMM	SLU-ST-05
1549	80x80x3	Beam	No Messages	0.13	PMM	SLU-ST-05
1550	80x80x3	Beam	No Messages	0.10	PMM	SLU-ST-05
1551	80x80x3	Beam	No Messages	0.11	PMM	SLU-ST-05
1552	80x80x3	Beam	No Messages	0.17	PMM	SLU-ST-05
1553	80x80x3	Beam	No Messages	0.35	PMM	SLU-ST-05
1554	80x80x3	Beam	No Messages	0.43	PMM	SLU-ST-05
1555	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1556	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1557	80x80x3	Brace	No Messages	0.52	PMM	SLU-ST-01
1558	80x80x3	Brace	No Messages	0.61	PMM	SLU-ST-01
1559	80x80x3	Beam	No Messages	0.30	PMM	SLU-ST-05
1560	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1561	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-05
1562	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1563	80x80x3	Brace	No Messages	0.60	PMM	SLU-ST-01

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1564	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1565	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1566	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1567	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1568	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1569	80x80x3	Brace	No Messages	0.01	PMM	SLU-ST-01
1570	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1571	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1572	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1573	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1574	80x80x3	Brace	No Messages	0.53	PMM	SLU-ST-01
1575	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1576	80x80x3	Brace	Overstressed	1.03	PMM	SLU-ST-01
1577	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1578	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1579	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1580	80x80x3	Brace	No Messages	0.52	PMM	SLU-ST-01
1581	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1582	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1583	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1584	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1585	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1586	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1587	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1588	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1589	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1590	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1591	80x80x3	Brace	No Messages	0.46	PMM	SLU-ST-01
1592	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1593	80x80x3	Brace	No Messages	0.95	PMM	SLU-ST-01
1594	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1595	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1596	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1597	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1598	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1599	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1600	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1601	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1602	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1603	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1604	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1605	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1606	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01

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1607	80x80x3	Brace	No Messages	0.40	PMM	SLU-ST-01
1608	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1609	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1610	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1611	80x80x3	Brace	No Messages	0.22	PMM	SLU-ST-01
1612	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1613	80x80x3	Brace	No Messages	0.39	PMM	SLU-ST-01
1614	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1615	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1616	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1617	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1618	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1619	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1620	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1621	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1622	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1623	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1624	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1625	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1626	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1627	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1628	80x80x3	Beam	No Messages	0.15	PMM	SLU-ST-05
1629	80x80x3	Beam	No Messages	0.08	PMM	SLU-ST-05
1630	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-05
1631	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-05
1632	80x80x3	Beam	No Messages	0.07	PMM	SLU-ST-05
1633	80x80x3	Beam	No Messages	0.12	PMM	SLU-ST-01
1634	80x80x3	Beam	No Messages	0.28	PMM	SLU-ST-05
1635	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1636	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-05
1637	80x80x3	Brace	No Messages	0.40	PMM	SLU-ST-01
1638	80x80x3	Brace	No Messages	0.65	PMM	SLU-ST-01
1639	80x80x3	Beam	No Messages	0.21	PMM	SLU-ST-05
1640	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-05
1641	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1642	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1643	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1644	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1645	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1646	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1647	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1648	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1649	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01

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1650	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1651	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1652	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1653	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1654	80x80x3	Brace	No Messages	0.54	PMM	SLU-ST-01
1655	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1656	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1657	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-05
1658	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1659	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-05
1660	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-05
1661	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1662	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1663	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1664	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1665	80x80x3	Brace	No Messages	0.05	PMM	SLU-ST-01
1666	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1667	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1668	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1669	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1670	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1671	80x80x3	Brace	No Messages	0.42	PMM	SLU-ST-01
1672	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1673	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1674	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1675	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1676	80x80x3	Brace	No Messages	0.49	PMM	SLU-ST-01
1677	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1678	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1679	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1680	80x80x3	Brace	No Messages	0.24	PMM	SLU-ST-01
1681	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1682	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1683	80x80x3	Brace	No Messages	0.20	PMM	SLU-ST-01
1684	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1685	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1686	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1687	80x80x3	Brace	No Messages	0.41	PMM	SLU-ST-01
1688	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1689	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1690	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-05
1691	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1692	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01

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1693	80x80x3	Brace	No Messages	0.48	PMM	SLU-ST-01
1694	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1695	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
1696	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1697	80x80x3	Brace	No Messages	0.23	PMM	SLU-ST-01
1698	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1699	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1700	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1701	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1702	80x80x3	Brace	No Messages	0.26	PMM	SLU-ST-01
1703	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1704	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1705	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1706	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01
1707	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-05
1708	80x80x3	Beam	No Messages	0.08	PMM	SLU-ST-01
1709	80x80x3	Beam	No Messages	0.07	PMM	SLU-ST-01
1710	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-01
1711	80x80x3	Beam	No Messages	0.05	PMM	SLU-ST-06
1712	80x80x3	Beam	No Messages	0.08	PMM	SLU-ST-05
1713	80x80x3	Beam	No Messages	0.21	PMM	SLU-ST-05
1714	80x80x3	Beam	No Messages	0.27	PMM	SLU-ST-05
1715	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-05
1716	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1717	80x80x3	Brace	No Messages	0.50	PMM	SLU-ST-01
1718	80x80x3	Brace	No Messages	0.68	PMM	SLU-ST-01
1719	80x80x3	Beam	No Messages	0.20	PMM	SLU-ST-01
1720	80x80x3	Brace	No Messages	0.36	PMM	SLU-ST-01
1721	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-05
1722	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1723	80x80x3	Brace	No Messages	0.58	PMM	SLU-ST-05
1724	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1725	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1726	80x80x3	Brace	No Messages	0.07	PMM	SLU-ST-01
1727	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1728	80x80x3	Brace	No Messages	0.03	PMM	SLU-ST-01
1729	80x80x3	Brace	No Messages	0.02	PMM	SLU-ST-01
1730	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1731	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1732	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1733	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1734	80x80x3	Brace	No Messages	0.51	PMM	SLU-ST-01
1735	80x80x3	Brace	No Messages	0.33	PMM	SLU-ST-01

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1736	80x80x3	Brace	Overstressed	1.01	PMM	SLU-ST-01
1737	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
1738	80x80x3	Brace	No Messages	0.10	PMM	SLU-ST-01
1739	80x80x3	Brace	No Messages	0.28	PMM	SLU-ST-01
1740	80x80x3	Brace	No Messages	0.46	PMM	SLU-ST-01
1741	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1742	80x80x3	Brace	No Messages	0.21	PMM	SLU-ST-01
1743	80x80x3	Brace	No Messages	0.06	PMM	SLU-ST-01
1744	80x80x3	Brace	No Messages	0.11	PMM	SLU-ST-01
1745	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1746	80x80x3	Brace	No Messages	0.04	PMM	SLU-ST-01
1747	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1748	80x80x3	Brace	No Messages	0.08	PMM	SLU-ST-01
1749	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
1750	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1751	80x80x3	Brace	No Messages	0.45	PMM	SLU-ST-01
1752	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1753	80x80x3	Brace	No Messages	0.56	PMM	SLU-ST-01
1754	80x80x3	Brace	No Messages	0.22	PMM	SLU-ST-01
1755	80x80x3	Brace	No Messages	0.19	PMM	SLU-ST-01
1756	80x80x3	Brace	No Messages	0.32	PMM	SLU-ST-01
1757	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1758	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1759	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1760	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1761	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1762	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1763	80x80x3	Brace	No Messages	0.18	PMM	SLU-ST-01
1764	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1765	80x80x3	Brace	No Messages	0.29	PMM	SLU-ST-01
1766	80x80x3	Brace	No Messages	0.14	PMM	SLU-ST-01
1767	80x80x3	Brace	No Messages	0.38	PMM	SLU-ST-01
1768	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1769	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1770	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1771	80x80x3	Brace	No Messages	0.22	PMM	SLU-ST-01
1772	80x80x3	Brace	No Messages	0.09	PMM	SLU-ST-01
1773	80x80x3	Brace	No Messages	0.31	PMM	SLU-ST-01
1774	80x80x3	Brace	No Messages	0.12	PMM	SLU-ST-01
1775	80x80x3	Brace	No Messages	0.37	PMM	SLU-ST-01
1776	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1777	80x80x3	Brace	No Messages	0.27	PMM	SLU-ST-01
1778	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01

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1779	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1780	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1781	80x80x3	Brace	No Messages	0.16	PMM	SLU-ST-01
1782	80x80x3	Brace	No Messages	0.25	PMM	SLU-ST-01
1783	80x80x3	Brace	No Messages	0.15	PMM	SLU-ST-01
1784	80x80x3	Brace	No Messages	0.34	PMM	SLU-ST-01
1785	80x80x3	Brace	No Messages	0.13	PMM	SLU-ST-01
1786	80x80x3	Brace	No Messages	0.30	PMM	SLU-ST-01
1787	80x80x3	Brace	No Messages	0.17	PMM	SLU-ST-01
1788	80x80x3	Beam	No Messages	0.10	PMM	SLU-ST-01
1789	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-01
1790	80x80x3	Beam	No Messages	0.05	PMM	SLU-ST-01
1791	80x80x3	Beam	No Messages	0.05	PMM	SLU-ST-01
1792	80x80x3	Beam	No Messages	0.06	PMM	SLU-ST-01
1793	80x80x3	Beam	No Messages	0.14	PMM	SLU-ST-01
1794	80x80x3	Beam	No Messages	0.22	PMM	SLU-ST-01
1795	HE340A	Beam	No Messages	0.30	PMM	SLU-ST-05
1796	HE340A	Beam	No Messages	0.28	PMM	SLU-ST-05
1797	HE340A	Beam	No Messages	0.30	PMM	SLU-ST-05
1798	HE340A	Beam	No Messages	0.30	PMM	SLU-ST-05
1799	HE340A	Beam	No Messages	0.31	PMM	SLU-ST-05
1800	HE340A	Beam	No Messages	0.31	PMM	SLU-ST-05
1801	HE340A	Beam	No Messages	0.30	PMM	SLU-ST-05
1802	HE340A	Beam	No Messages	0.30	PMM	SLU-ST-05
1803	HE340A	Beam	No Messages	0.37	PMM	SLU-ST-05
1804	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-05
1805	120x120x4	Beam	No Messages	0.79	PMM	SLU-ST-05
1806	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-05
1807	120x120x4	Beam	No Messages	0.80	PMM	SLU-ST-05
1808	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-05
1809	120x120x4	Beam	No Messages	0.80	PMM	SLU-ST-05
1810	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-05
1811	120x120x4	Beam	No Messages	0.79	PMM	SLU-ST-05
1812	120x120x4	Beam	No Messages	0.68	PMM	SLU-ST-05
1813	120x120x4	Beam	No Messages	0.98	PMM	SLU-ST-05
1822	80x80x3	Beam	No Messages	0.19	PMM	SLU-ST-05
1824	80x80x3	Beam	No Messages	0.19	PMM	SLU-ST-05

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