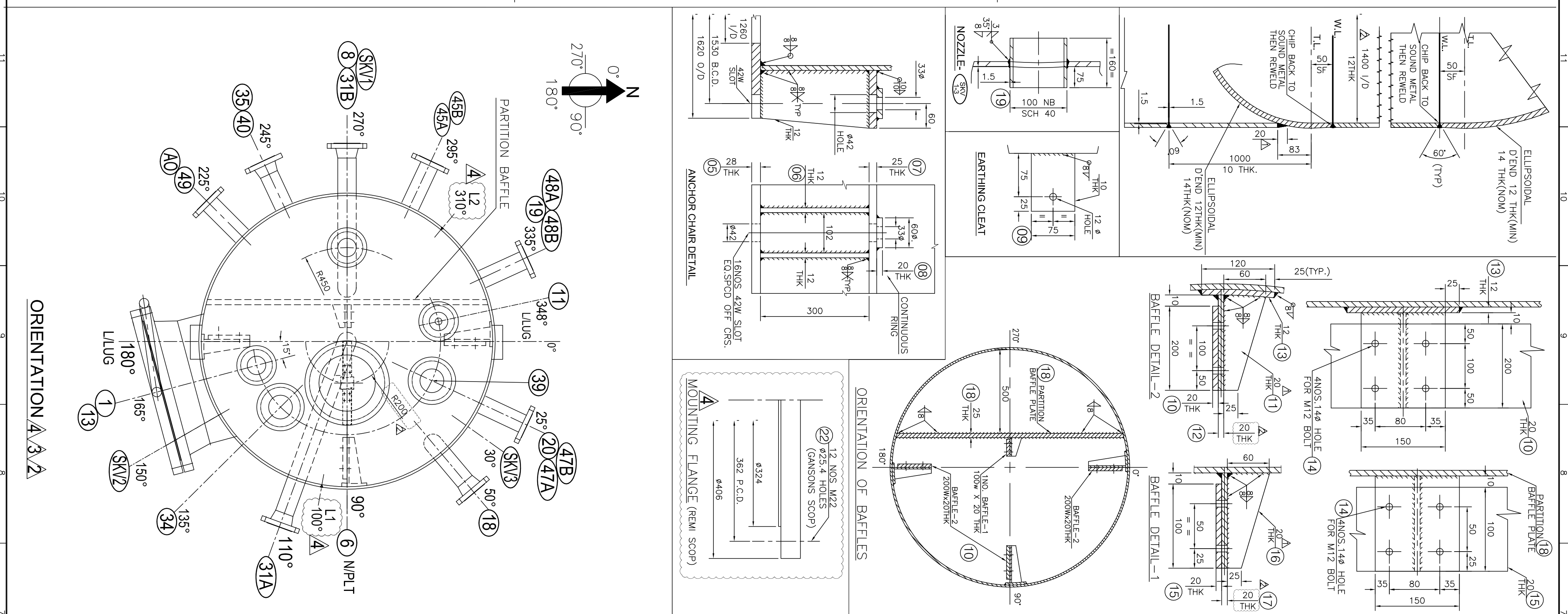
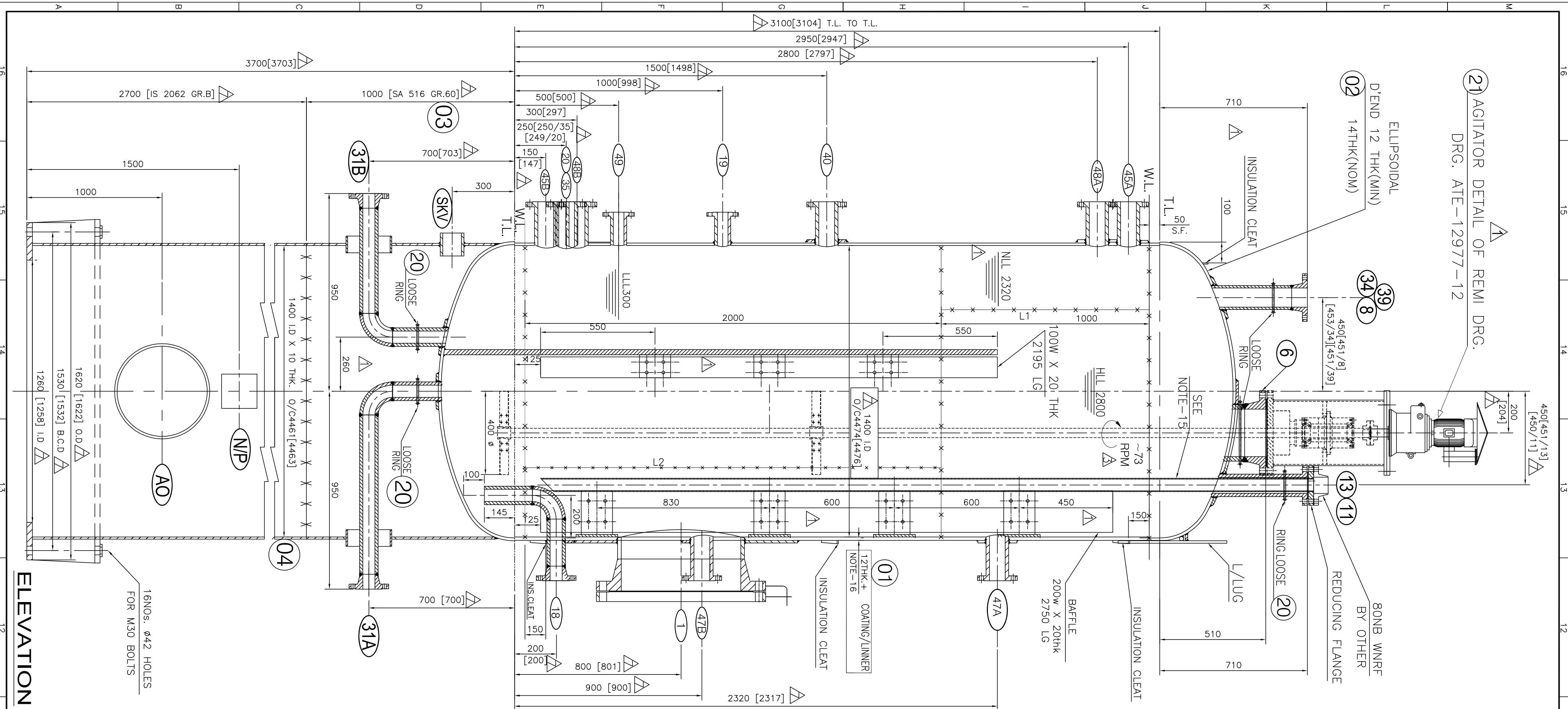




NOTES :-	
1)	ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2)	ALL ANCHOR BOLT HOLES TO STRADDLE N/S CENTRE LINE.
3)	NORTH DIRECTION WHEREVER SHOWN IS WITH RESPECT TO PLAN VIEW.
4)	FOR NOZZLES ON SHELL, PROTECTIONS ARE REFERRED TO FROM
5)	HEAD T.L. TO FLANGE CONTACT FACE.
6)	THE INDICATED THICKNESS IS THE MINIMUM ACCEPTABLE AFTER CONSTRUCTION.
7)	FLANGE GASKET FACE SHALL HAVE 125 AASH FINISH.
8)	IF OF NW FLANGES SHALL BE AS PER ASME B16.5 UNLESS OTHERWISE STATED.
9)	NOZZLES 50NB AND BELOW SHALL BE STIFFENED WITH 200S, 40X67HK, 125X250X1000 LG.
10)	NOZZLES 60" AND ABOVE SHALL BE STIFFENED WITH 200S, 40X67HK, 125X250X1000 LG.
11)	ALL FABRICATED NOZZLE SHALL BE FULLY RADIOGRAPHED.
12)	ALL BUTT WELDS SHALL HAVE FULL PENETRATION WELDS.
13)	VESSEL SHALL BE POST WELD HEAT TREATED. HARDNESS OF MATERIAL, WELDS & HAZ, SHALL BE LIMITED TO 200 BHN.
14)	WELDS SHALL BE RADIOGRAPHED THROUGH NOZZLE (N/S).
15)	INTERNAL DIP PIPE FEED FROM 116-12-801/113-CC-202) TO BE FLANGED INSERT REMOVABLE THROUGH VESSEL NOZZLE. PIPE INSERTS TO BE SAME MATERIAL AS CONNECTING PIPING(HASTELLOY B OR C).
16)	INSERT ENDS TO BE LOCATED JUST ABOVE AGITATOR IMPELLER. VIBRATION, PROVIDE SUFFICIENT SUPPORT (NOT WELDED TO DIP PIPE) FOR REMOVABLE DIP PIPE.
17)	VESSEL AND NOZZLES TO BE INTERNALLY COATED/LINED TO PROTECT AGAINST CORROSION. CELCOTE 2000 SHALL BE USED AS COATING.
18)	WELDING/COMBINATION FLANGES FOR THE AGITATOR NOZZLE SHALL BE SUPPLIED IN ACCORDANCE WITH ANSI B31.3 BY THE AGITATOR SUPPLIER.
19)	NOZZLE LENGTH TO BE DETERMINED BY THE AGITATOR SUPPLIER.
20)	NOZZLE SHALL BE SUPPLIED WITH 200S, 40X67HK, 125X250X1000 LG. SUPPORTS TO BE PROVIDED BY THE AGITATOR SUPPLIER.
21)	DESIGNED & SUPPLIED BY THE AGITATOR SUPPLIER BASED ON APPLICABLE AGITATOR DATA SHEET AND STD.SPEC.
22)	2 NOS. LIFTING LUG TO BE PROVIDED ON SHELL TO LIFT THE WHOLE AGITATOR TO BE SUPPLIED TO SITE.
23)	PAINTING :- EXTERNAL SURFACE.

DESIGN DATA:	
DESIGN CODE:-	ASME SEC. VIII DIV. 1, 2007 + ADD. 2008
WORKING PRESSURE	kg/cm ² g
DESIGN PRESSURE	kg/cm ² g
WORKING TEMPERATURE	°C
DESIGN TEMPERATURE	°C
WATER	°C
CORROSION ALLOWANCE	mm
TYPE OF HEADS	2:1 ELLIPSOID
JOINT EFFICIENCY	0.85 / 1.0
JOINT EFFICIENCY	0.85 / 1.0
HEAT TREATMENT	YES
WELD SPECIFICATION	IS 875
EARTH-QUAKE SPECIFICATION	IS 1893/SITE SPECTRA
OPERATING MEDIUM	WASTE WATER
SP. GRAVITY	1.08
CAPACITY	5.56 m ³
SHIP PRIMER/CLEANING	AS PER SPEC.
INSULATION THICKNESS(MM)	25mm
FIRE PROOFING	YES
HYDROSTATIC TEST	POSITION
HYDROSTATIC PRESSURE	kg/cm ² g
HYDROSTATIC TEST WEIGHT	KGS
EMPTY WEIGHT	KGS
INSPECTION BY	EL

NOZZLE SCHEDULE:-	
MNO QTY	SIZE
1	600NB
2	200NB
3	80NB
4	80NB
5	80NB
6	80NB
7	80NB
8	80NB
9	80NB
10	80NB
11	80NB
12	80NB
13	80NB
14	80NB
15	80NB
16	80NB
17	80NB
18	80NB
19	80NB
20	80NB
21	80NB
22	80NB
23	80NB
24	80NB
25	80NB
26	80NB
27	80NB
28	80NB
29	80NB
30	80NB
31	80NB
32	80NB
33	80NB
34	80NB
35	80NB
36	80NB
37	80NB
38	80NB
39	80NB
40	80NB
41	80NB
42	80NB
43	80NB
44	80NB
45	80NB
46	80NB
47	80NB
48	80NB
49	80NB
50	80NB
51	80NB
52	80NB
53	80NB
54	80NB
55	80NB
56	80NB
57	80NB
58	80NB
59	80NB
60	80NB
61	80NB
62	80NB
63	80NB
64	80NB
65	80NB
66	80NB
67	80NB
68	80NB
69	80NB
70	80NB
71	80NB
72	80NB
73	80NB
74	80NB
75	80NB
76	80NB
77	80NB
78	80NB
79	80NB
80	80NB
81	80NB
82	80NB
83	80NB
84	80NB
85	80NB
86	80NB
87	80NB
88	80NB
89	80NB
90	80NB
91	80NB
92	80NB
93	80NB
94	80NB
95	80NB
96	80NB
97	80NB
98	80NB
99	80NB
100	80NB
101	80NB
102	80NB
103	80NB
104	80NB
105	80NB
106	80NB
107	80NB
108	80NB
109	80NB
110	80NB
111	80NB
112	80NB
113	80NB
114	80NB
115	80NB
116	80NB
117	80NB
118	80NB
119	80NB
120	80NB
121	80NB
122	80NB
123	80NB
124	80NB
125	80NB
126	80NB
127	80NB
128	80NB
129	80NB
130	80NB
131	80NB
132	80NB
133	80NB
134	80NB
135	80NB
136	80NB
137	80NB
138	80NB
139	80NB
140	80NB
141	80NB
142	80NB
143	80NB
144	80NB
145	80NB
146	80NB
147	80NB
148	80NB
149	80NB
150	80NB
151	80NB
152	80NB
153	80NB
154	80NB
155	80NB
156	80NB
157	80NB
158	80NB
159	80NB
160	80NB
161	80NB
162	80NB
163	80NB
164	80NB
165	80NB
166	80NB
167	80NB
168	80NB
169	80NB
170	80NB
171	80NB
172	80NB
173	80NB
174	80NB
175	80NB
176	80NB
177	80NB
178	80NB
179	80NB
180	80NB
181	80NB
182	80NB
183	80NB
184	80NB
185	80NB
186	80NB
187	80NB
188	80NB
189	80NB
190	80NB
191	80NB
192	80NB
193	80NB
194	80NB
195	80NB
196	80NB
197	80NB
198	80NB
199	80NB
200	80NB
201	80NB
202	80NB
203	80NB
204	80NB
205	80NB
206	80NB
207	80NB
208	80NB
209	80NB
210	80NB
211	80NB
212	80NB
213	80NB
214	80NB
215	80NB
216	80NB
217	80NB
218	80NB
219	80NB
220	80NB
221	80NB
222	80NB
223	80NB
224	80NB
225	80NB
226	80NB
227	80NB
228	80NB
229	80NB
230	80NB
231	80NB
232	80NB
233	80NB
234	80NB
235	80NB
236	80NB
237	80NB
238	80NB
239	80NB
240	80NB
241	80NB
242	80NB
243	80NB
244	80NB
245	80NB
246	80NB
247	80NB
248	80NB
249	80NB
250	80NB
251	80NB
252	80NB
253	80NB
254	80NB
255	80NB
256	80NB
257	80NB
258	80NB
259	80NB
260	80NB
261	80NB
262	80NB
263	80NB
264	80NB
265	80NB
266	80NB
267	80NB
268	80NB
269	80NB
270	80NB
271	80NB
272	80NB
273	80NB
274	80NB
275	80NB
276	80NB
277	80NB
278	80NB
279	80NB
280	80NB
281	80NB
282	80NB
283	80NB
284	80NB
285	80NB
286	80NB
287	80NB
288	80NB
289	80NB
290	80NB
291	80NB
292	80NB
293	80NB
294	80NB
295	80NB
296	80NB
297	80NB
298	80NB
299	80NB
300	80NB
301	80NB
302	80NB
303	80NB
304	80NB
305	80NB
306	80NB
307	80NB
308	80NB
309	80NB
310	80NB
311	80NB
312	80NB
313	80NB
314	80NB
315	80NB
316	80NB
317	80NB
318	80NB
319	80NB
320	80NB
321	80NB
322	80NB
323	80NB
324	80NB
325	80NB
326	80NB
327	80NB
328	80NB
329	80NB
330	80NB
331	80NB
332	80NB
333	80NB
334	80NB
335	80NB
336	80NB
337	80NB
338	80NB
339	80NB
340	80NB
341	80NB
342	80NB
343	80NB
344	80NB
345	80NB
346	80NB
347	80NB
348	80NB
349	80NB
350	80NB
351	80NB
352	80NB
353	80NB
354	80NB
355	80NB
356	80NB
357	80NB
358	80NB
359	80NB
360	80NB
361	80NB
362	80NB
363	80NB
364	80NB
365	80NB
366	80NB
367	80NB
368	80NB
369	80NB
370	80NB
371	80NB
372	80NB
373	80NB
374	80NB
375	80NB
376	80NB
377	80NB
378	80NB
379	80NB
380	80NB
381	80NB
382	80NB
383	80NB
384	80NB
385	80NB
386	80NB
387	80NB
388	80NB
389	80NB
390	80NB
391	80NB
392	80NB
393	80NB
394	80NB
395	80NB
396	80NB
397	80NB
398	80NB
399	80NB
400	80NB
401	80NB
402	80NB
403	80NB
404	80NB
405	80NB
406	80NB
407	80NB
408	80NB
409	80NB
410	80NB
411	80NB
412	80NB
413	80NB
414	80NB
415	80NB
416	80NB
417	80NB
418	80NB
419	80NB
420	80NB
421	80NB
422	80NB
423	80NB
424	80NB
425	80NB
426	80NB
427	80NB
428	80NB
429	80NB
430	80NB
431	80NB
432	80NB
433	80NB
434	80NB
435	80NB
436	80NB
437	80NB
438	80NB
439	80NB
440	80NB
441	80NB
442	80NB
443	80NB
444	80NB
445	80NB
446	80NB
447	80NB
448	80NB
449	80NB
450	80NB
451	80NB
452	80NB
453	80NB
454	80NB
455	80NB
456	80NB
457	80NB
458	80NB
459	80NB
460	80NB
461	80NB
462	80NB
463	80NB
464	80NB
465	80NB
466	80NB
467	80NB
468	80NB
469	80NB
470	80NB
471	80NB
472	80NB
473	80NB
474	80NB
475	80NB
476	80NB
477	80NB
478	80NB
479	80NB
480	80NB
481	80NB
482	80NB
483	80NB
484	80NB
485	80NB
486	80NB
487	80NB
488	80NB
489	80NB
490	80NB
491	80NB
492	80NB
493	80NB
494	80NB
495	80NB
496	80NB
497	80NB
498	80NB
499	80NB
500	80NB
501	80NB
502	80NB
503	80NB
504	80NB
505	80NB
506	80NB
507	80NB
508	80NB
509	80NB
510	80NB
511	80NB
512	80NB
513	80NB
514	80NB
515	80NB
516	80NB
517	80NB
518	80NB
519	80NB
520	80NB
521	80NB
522	80NB
523	80NB
524	80NB
525	80NB
526	80NB