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1  <?xml version="1.0"?>
2  <Areas>
3    <Area name="sunkenGladesRunaway">
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6          <X>92</X>
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8          <Item>EX15</Item>
9        </Location>
10       <Location>
11         <X>-154</X>
12         <Y>-271</Y>
13         <Item>EX15</Item>
14       </Location>
15       <Location>
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17         <Y>-222</Y>
18         <Item>KS</Item>
19       </Location>
20       <Location>
21         <X>-11</X>
22         <Y>-206</Y>
23         <Item>KS</Item>
24       </Location>
25     </Locations>
26     <Connections>
27       <Connection>
28         <Home name="sunkenGladesRunaway"/>
29         <Target name="sunkenGladesNadePool"/>
30         <Requirements>
31           <Requirement mode="normal">Water+Grenade</Requirement>
32           <Requirement mode="dboost">Grenade+HC+HC+HC+HC+HC+HC</Requirement>
33           <Requirement mode="dboost">Grenade+HC+HC+HC+HC+HC+Stomp</Requirement>
34         </Requirements>
35       </Connection>
36       <Connection>
37         <Home name="sunkenGladesRunaway"/>
38         <Target name="sunkenGladesNadeTree"/>
39         <Requirements>
40           <Requirement mode="speed">Grenade+WallJump+DoubleJump</Requirement>
41           <Requirement mode="normal">Grenade+ChargeJump</Requirement>
42           <Requirement mode="normal">Grenade+Bash</Requirement>
43         </Requirements>
44       </Connection>
45       <Connection>
46         <Home name="sunkenGladesRunaway"/>
47         <Target name="sunkenGladesMainPool"/>
48         <Requirements>
49           <Requirement mode="normal">Water</Requirement>
50           <Requirement mode="dboost">Bash</Requirement>
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53     </Requirements>
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55 <Connection>
56     <Home name="sunkenGladesRunaway"/>
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60         <Requirement mode="dboost">HC+HC+HC+HC+HC+HC+HC</Requirement>
61     </Requirements>
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64     <Home name="sunkenGladesRunaway"/>
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67         <Requirement mode="normal">KS+KS</Requirement>
68     </Requirements>
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71     <Home name="sunkenGladesRunaway"/>
72     <Target name="DashArea"/>
73     <Requirements>
74         <Requirement mode="normal">WallJump</Requirement>
75         <Requirement mode="normal">Climb</Requirement>
76         <Requirement mode="normal">ChargeJump</Requirement>
77         <Requirement mode="normal">Bash+Grenade</Requirement>
78     </Requirements>
79 </Connection>
80 <Connection>
81     <Home name="sunkenGladesRunaway"/>
82     <Target name="fronkeyWalkRoof"/>
83     <Requirements>
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85         <Requirement mode="lure">Bash</Requirement>
86         <Requirement mode="normal">Glide+Wind</Requirement>
87     </Requirements>
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96             <Item>EX200</Item>
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105         <X>82</X>
106         <Y>-196</Y>
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128             <Y>-239</Y>
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148         <Location>
149             <X>-80</X>
150             <Y>-189</Y>
151             <Item>HC</Item>
152         </Location>
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154             <X>-59</X>
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156             <Item>KS</Item>
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157     </Location>
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160         <Y>-308</Y>
161         <Item>SKWallJump</Item>
162     </Location>
163     <Location>
164         <X>-283</X>
165         <Y>-236</Y>
166         <Item>EX15</Item>
167     </Location>
168 </Locations>
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171         <Home name="WallJump"/>
172         <Target name="moonGrotto"/>
173         <Requirements>
174             <Requirement mode="normal">EC+EC+EC+EC+WallJump</Requirement>
175             <Requirement mode="normal">EC+EC+EC+EC+Climb</Requirement>
176             <Requirement mode="normal">EC+EC+EC+EC+ChargeJump+Bash</Requirement>
177             <Requirement mode="normal">EC+EC+EC+EC+Grenade+Bash</Requirement>
178             <Requirement mode="timed-level">EC+EC+WallJump</Requirement>
179             <Requirement mode="timed-level">EC+EC+Climb</Requirement>
180             <Requirement mode="timed-level">EC+EC+ChargeJump+Bash</Requirement>
181             <Requirement mode="timed-level">EC+EC+Grenade+Bash</Requirement>
182         </Requirements>
183     </Connection>
184     <Connection>
185         <Home name="WallJump"/>
186         <Target name="WallJumpAbove"/>
187         <Requirements>
188             <Requirement mode="normal">Bash+WallJump</Requirement>
189             <Requirement mode="normal">Bash+Climb</Requirement>
190             <Requirement mode="speed">WallJump+DoubleJump</Requirement>
191             <Requirement mode="normal">ChargeJump</Requirement>
192         </Requirements>
193     </Connection>
194     <Connection>
195         <Home name="WallJump"/>
196         <Target name="rightWallJump"/>
197         <Requirements>
198             <Requirement mode="normal">ChargeJump</Requirement>
199             <Requirement mode="normal">Bash+Grenade</Requirement>
200             <Requirement mode="lure-hard">Bash</Requirement>
201         </Requirements>
202     </Connection>
203     <Connection>
204         <Home name="WallJump"/>
205         <Target name="leftWallJump"/>
206         <Requirements>
207             <Requirement mode="normal">WallJump</Requirement>
208             <Requirement mode="normal">Climb</Requirement>
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209         <Requirement mode="normal">ChargeJump</Requirement>
210         <Requirement mode="normal">Bash+Grenade</Requirement>
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212     </Requirements>
213 </Connection>
214 <Connection>
215     <Home name="WallJump"/>
216     <Target name="sunkenGladesSpiritCavernB"/>
217     <Requirements>
218         <Requirement mode="normal">KS+KS+Climb</Requirement>
219         <Requirement mode="normal">KS+KS+WallJump</Requirement>
220         <Requirement mode="normal">KS+KS+ChargeJump</Requirement>
221         <Requirement mode="normal">KS+KS+Bash+Grenade</Requirement>
222     </Requirements>
223 </Connection>
224 <Connection>
225     <Home name="WallJump"/>
226     <Target name="upperGladesBelowSpiritTree"/>
227     <Requirements>
228         <Requirement mode="normal">ChargeJump+Climb</Requirement>
229         <Requirement mode="normal">ChargeJump+WallJump+DoubleJump</
230             Requirement>
231         <Requirement mode="normal">Bash+DoubleJump+Glide</Requirement>
232         <Requirement mode="normal">Bash+Grenade+Climb</Requirement>
233         <Requirement mode="normal">Bash+Grenade+WallJump</Requirement>
234         <Requirement mode="lure">Bash+WallJump</Requirement>
235         <Requirement mode="dbash">Bash</Requirement>
236     </Requirements>
237 </Connection>
238 <Connection>
239     <Home name="WallJump"/>
240     <Target name="ChargeFlame"/>
241     <Requirements>
242         <Requirement mode="normal">WallJump+Grenade</Requirement>
243         <Requirement mode="normal">WallJump+ChargeFlame</Requirement>
244         <Requirement mode="normal">Climb+Grenade</Requirement>
245         <Requirement mode="normal">Climb+ChargeFlame</Requirement>
246         <Requirement mode="normal">ChargeJump+Grenade</Requirement>
247         <Requirement mode="normal">ChargeJump+ChargeFlame</Requirement>
248         <Requirement mode="normal">Bash+Grenade</Requirement>
249         <Requirement mode="glitched">Dash+Bash+WallJump</Requirement>
250         <Requirement mode="glitched">Dash+Bash+Climb</Requirement>
251         <Requirement mode="glitched">Dash+WallJump+DoubleJump</Requirement>
252         <Requirement mode="glitched">Dash+ChargeJump</Requirement>
253     </Requirements>
254 </Connection>
255 <Connection>
256     <Home name="WallJump"/>
257     <Target name="WallJumpMapStone"/>
258     <Requirements>
259         <Requirement mode="normal">MS</Requirement>
260     </Requirements>

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260     </Connection>
261   </Connections>
262 </Area>
263 <Area name="WallJumpMapStone">
264   <Locations>
265     <Location>
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268       <Item>MapStone</Item>
269     </Location>
270   </Locations>
271   <Connections>
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274 <Area name="WallJumpAbove">
275   <Locations>
276     <Location>
277       <X>-48</X>
278       <Y>-166</Y>
279       <Item>AC</Item>
280     </Location>
281   </Locations>
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285 <Area name="rightWallJump">
286   <Locations>
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290       <Item>EX200</Item>
291     </Location>
292   </Locations>
293   <Connections>
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296 <Area name="leftWallJump">
297   <Locations>
298     <Location>
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300       <Y>-288</Y>
301       <Item>EC</Item>
302     </Location>
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304       <X>-247</X>
305       <Y>-207</Y>
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311       <Item>KS</Item>
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312     </Location>
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317     </Location>
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321 </Area>
322 <Area name="sunkenGladesSpiritCavernB">
323     <Locations>
324         <Location>
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326             <Y>-193</Y>
327             <Item>KS</Item>
328         </Location>
329         <Location>
330             <X>-217</X>
331             <Y>-183</Y>
332             <Item>KS</Item>
333         </Location>
334         <Location>
335             <X>-177</X>
336             <Y>-154</Y>
337             <Item>KS</Item>
338         </Location>
339     </Locations>
340     <Connections>
341         <Connection>
342             <Home name="sunkenGladesSpiritCavernB"/>
343             <Target name="sunkenGladesSpiritCavernTopLeft"/>
344             <Requirements>
345                 <Requirement mode="normal">WallJump</Requirement>
346                 <Requirement mode="normal">DoubleJump</Requirement>
347                 <Requirement mode="normal">ChargeJump</Requirement>
348                 <Requirement mode="normal">Bash</Requirement>
349             </Requirements>
350         </Connection>
351         <Connection>
352             <Home name="sunkenGladesSpiritCavernB"/>
353             <Target name="upperGladesBelowSpiritTree"/>
354             <Requirements>
355                 <Requirement mode="normal">EC+EC+EC+EC+DoubleJump</Requirement>
356                 <Requirement mode="normal">EC+EC+EC+EC+Bash</Requirement>
357                 <Requirement mode="normal">EC+EC+EC+EC+ChargeJump</Requirement>
358             </Requirements>
359         </Connection>
360         <Connection>
361             <Home name="sunkenGladesSpiritCavernB"/>
362             <Target name="sunkenGladesSpiritCavernRoof"/>
363             <Requirements>

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364         <Requirement mode="speed">WallJump+DoubleJump</Requirement>
365         <Requirement mode="normal">ChargeJump</Requirement>
366         <Requirement mode="normal">Bash</Requirement>
367     </Requirements>
368 </Connection>
369 <Connection>
370     <Home name="sunkenGladesSpiritCavernB"/>
371     <Target name="spiritTreeRefined"/>
372     <Requirements>
373         <Requirement mode="normal">KS+KS+KS+KS+ChargeFlame</Requirement>
374         <Requirement mode="normal">KS+KS+KS+KS+Grenade</Requirement>
375         <Requirement mode="speed">KS+KS+KS+KS+Stomp</Requirement>
376     </Requirements>
377 </Connection>
378 </Connections>
379 </Area>
380 <Area name="sunkenGladesSpiritCavernTopLeft">
381     <Locations>
382         <Location>
383             <X>-217</X>
384             <Y>-146</Y>
385             <Item>KS</Item>
386         </Location>
387     </Locations>
388     <Connections>
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390 </Area>
391 <Area name="sunkenGladesSpiritCavernRoof">
392     <Locations>
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395             <Y>-176</Y>
396             <Item>AC</Item>
397         </Location>
398     </Locations>
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402 <Area name="upperGladesBelowSpiritTree">
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406             <Y>-186</Y>
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408         </Location>
409     </Locations>
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411         <Connection>
412             <Home name="upperGladesBelowSpiritTree"/>
413             <Target name="WallJump"/>
414             <Requirements>
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416         </Requirements>
417     </Connection>
418     <Connection>
419         <Home name="upperGladesBelowSpiritTree"/>
420         <Target name="sunkenGladesSpiritCavernB"/>
421         <Requirements>
422             <Requirement mode="normal">EC+EC+EC+EC</Requirement>
423         </Requirements>
424     </Connection>
425     <Connection>
426         <Home name="upperGladesBelowSpiritTree"/>
427         <Target name="sunkenGladesRunning"/>
428         <Requirements>
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430             <Requirement mode="speed">Grenade+ChargeJump+Water</Requirement>
431             <Requirement mode="normal">Grenade+Bash+Climb</Requirement>
432             <Requirement mode="speed">Grenade+Bash+DoubleJump+Water</Requirement>
433             <Requirement mode="dboost">Grenade+Bash+DoubleJump</Requirement>
434         </Requirements>
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436 </Connections>
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442             <Y>-140</Y>
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444         </Location>
445     </Locations>
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454             <Item>SKChargeFlame</Item>
455         </Location>
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458             <Y>-196</Y>
459             <Item>EX100</Item>
460         </Location>
461     </Locations>
462     <Connections>
463         <Connection>
464             <Home name="ChargeFlame"/>
465             <Target name="spiritTreeRefined"/>
466             <Requirements>
467                 <Requirement mode="normal">ChargeJump+ChargeFlame</Requirement>

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468         <Requirement mode="normal">ChargeJump+Grenade</Requirement>
469         <Requirement mode="speed">ChargeJump+Stomp</Requirement>
470     </Requirements>
471 </Connection>
472 <Connection>
473     <Home name="ChargeFlame"/>
474     <Target name="ChargeFlamePlant"/>
475     <Requirements>
476         <Requirement mode="normal">ChargeFlame</Requirement>
477         <Requirement mode="normal">Grenade</Requirement>
478         <Requirement mode="hard">Dash</Requirement>
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483 <Area name="ChargeFlamePlant">
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488             <Item>Plant</Item>
489         </Location>
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497     <Connections>
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499             <Home name="spiritTreeRefined"/>
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511                 <Requirement mode="speed">Stomp</Requirement>
512             </Requirements>
513         </Connection>
514         <Connection>
515             <Home name="spiritTreeRefined"/>
516             <Target name="ChargeFlameTree"/>
517             <Requirements>
518                 <Requirement mode="normal">DoubleJump</Requirement>
519             </Requirements>

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520     </Connection>
521     <Connection>
522         <Home name="spiritTreeRefined"/>
523         <Target name="upperGladesSpiderCavernPuzzle"/>
524         <Requirements>
525             <Requirement mode="normal">ChargeFlame+WallJump</Requirement>
526             <Requirement mode="normal">ChargeFlame+ChargeJump</Requirement>
527             <Requirement mode="normal">ChargeFlame+DoubleJump</Requirement>
528             <Requirement mode="normal">ChargeFlame+Glide</Requirement>
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532             <Requirement mode="normal">Grenade+DoubleJump</Requirement>
533             <Requirement mode="normal">Grenade+Glide</Requirement>
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536             <Requirement mode="hard">ChargeFlame</Requirement>
537             <Requirement mode="hard">Grenade</Requirement>
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552 </Area>
553 <Area name="upperGladesSpiderCavernPuzzle">
554     <Locations>
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559             <Target name="upperGladesSpiderHealth"/>
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562             </Requirements>
563         </Connection>
564         <Connection>
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566             <Target name="upperGladesGrenade"/>
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570                 <Requirement mode="normal">Grenade+ChargeJump</Requirement>
571             </Requirements>

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572     </Connection>
573     <Connection>
574         <Home name="upperGladesSpiderCavernPuzzle"/>
575         <Target name="upperGladesEnergyDoor"/>
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577             <Requirement mode="normal">EC+EC+EC+EC</Requirement>
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582         <Target name="moonGrotto"/>
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585             <Requirement mode="normal">DoubleJump</Requirement>
586         </Requirements>
587     </Connection>
588     <Connection>
589         <Home name="upperGladesSpiderCavernPuzzle"/>
590         <Target name="sunkenGladesLaserStomp"/>
591         <Requirements>
592             <Requirement mode="normal">Stomp+Water</Requirement>
593             <Requirement mode="dboost">Bash+HC+HC+HC+HC</Requirement>
594             <Requirement mode="dboost">HC+HC+HC+HC+HC</Requirement>
595         </Requirements>
596     </Connection>
597 </Connections>
598 </Area>
599 <Area name="upperGladesEnergyDoor">
600     <Locations>
601         <Location>
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603             <Y>-109</Y>
604             <Item>AC</Item>
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606     </Locations>
607     <Connections>
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609 </Area>
610 <Area name="upperGladesSpiderHealth">
611     <Locations>
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616         </Location>
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625 </Area>
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637 <Area name="DashArea">
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644         <Location>
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648         </Location>
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650             <X>197</X>
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652             <Item>EX100</Item>
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662             <Home name="DashArea"/>
663             <Target name="moonGrotto"/>
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665                 <Requirement mode="normal">EC+EC+EC+EC+WallJump</Requirement>
666                 <Requirement mode="normal">EC+EC+EC+EC+Climb</Requirement>
667                 <Requirement mode="normal">EC+EC+EC+EC+ChargeJump+Bash</Requirement>
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670                 <Requirement mode="timed-level">EC+EC+Climb</Requirement>
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672                 <Requirement mode="timed-level">EC+EC+Grenade+Bash</Requirement>
673             </Requirements>
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675     </Connections>
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676     <Home name="DashArea"/>
677     <Target name="LowerBlackRoot"/>
678     <Requirements>
679         <Requirement mode="normal">Stomp+ChargeJump</Requirement>
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681         <Requirement mode="normal">Stomp+Dash+DoubleJump</Requirement>
682         <Requirement mode="normal">Stomp+Dash+Grenade+Bash</Requirement>
683         <Requirement mode="normal">Stomp+Dash</Requirement>
684         <Requirement mode="normal">Stomp+ChargeJump+DoubleJump</Requirement>
685         <Requirement mode="normal">Stomp+Grenade</Requirement>
686         <Requirement mode="normal">Stomp+Grenade+Water</Requirement>
687         <Requirement mode="timed-level">Stomp</Requirement>
688         <Requirement mode="hard">Stomp</Requirement>
689         <Requirement mode="glitched">Free</Requirement>
690     </Requirements>
691 </Connection>
692 <Connection>
693     <Home name="DashArea"/>
694     <Target name="RazielNo"/>
695     <Requirements>
696         <Requirement mode="normal">Dash</Requirement>
697         <Requirement mode="speed">Free</Requirement>
698     </Requirements>
699 </Connection>
700 <Connection>
701     <Home name="DashArea"/>
702     <Target name="blackrootMap"/>
703     <Requirements>
704         <Requirement mode="normal">Dash</Requirement>
705         <Requirement mode="hard">Free</Requirement>
706     </Requirements>
707 </Connection>
708 <Connection>
709     <Home name="DashArea"/>
710     <Target name="DashAreaPlant"/>
711     <Requirements>
712         <Requirement mode="normal">ChargeJump+Climb+ChargeFlame</Requirement>
713         <Requirement mode="normal">ChargeJump+WallJump+ChargeFlame</
714         Requirement>
715         <Requirement mode="normal">Bash+Grenade</Requirement>
716         <Requirement mode="normal">Glide+WallJump+Grenade</Requirement>
717         <Requirement mode="hard">Bash+Grenade</Requirement>
718         <Requirement mode="hard">ChargeJump+Climb+Dash</Requirement>
719         <Requirement mode="hard">ChargeJump+WallJump+Dash</Requirement>
720         <Requirement mode="hard">DoubleJump+Grenade</Requirement>
721         <Requirement mode="hard">DoubleJump+ChargeFlame</Requirement>
722         <Requirement mode="hard">DoubleJump+Dash</Requirement>
723     </Requirements>
724 </Connection>
725 </Connections>
726 </Area>
727 <Area name="DashAreaPlant">

```

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727     <Locations>
728         <Location>
729             <X>313</X>
730             <Y>-232</Y>
731             <Item>Plant</Item>
732         </Location>
733     </Locations>
734     <Connections>
735 </Connections>
736 </Area>
737 <Area name="RazielNo">
738     <Locations>
739         <Location>
740             <X>304</X>
741             <Y>-303</Y>
742             <Item>EX100</Item>
743         </Location>
744     </Locations>
745     <Connections>
746         <Connection>
747             <Home name="RazielNo"/>
748             <Target name="BoulderExp"/>
749             <Requirements>
750                 <Requirement mode="normal">Dash+Stomp</Requirement>
751                 <Requirement mode="glitched">Free</Requirement>
752             </Requirements>
753         </Connection>
754         <Connection>
755             <Home name="RazielNo"/>
756             <Target name="blackrootGrottoConnection"/>
757             <Requirements>
758                 <Requirement mode="normal">Dash+DoubleJump</Requirement>
759                 <Requirement mode="normal">Dash+ChargeJump</Requirement>
760                 <Requirement mode="normal">Dash+Bash+Grenade</Requirement>
761                 <Requirement mode="hard">WallJump</Requirement>
762                 <Requirement mode="hard">Dash</Requirement>
763             </Requirements>
764         </Connection>
765         <Connection>
766             <Home name="RazielNo"/>
767             <Target name="GumoHideout"/>
768             <Requirements>
769                 <Requirement mode="glitched">Dash</Requirement>
770             </Requirements>
771         </Connection>
772     </Connections>
773 </Area>
774 <Area name="blackrootMap">
775     <Locations>
776         <Location>
777             <X>346</X>
778             <Y>-255</Y>
```

```
779     <Item>MS</Item>
780   </Location>
781 </Locations>
782 <Connections>
783 </Connections>
784 </Area>
785 <Area name="blackrootGrottoConnection">
786   <Locations>
787     <Location>
788       <X>394</X>
789       <Y>-309</Y>
790       <Item>HC</Item>
791     </Location>
792   </Locations>
793   <Connections>
794     <Connection>
795       <Home name="blackrootGrottoConnection"/>
796       <Target name="sideFallCell"/>
797       <Requirements>
798         <Requirement mode="normal">Stomp</Requirement>
799       </Requirements>
800     </Connection>
801     <Connection>
802       <Home name="blackrootGrottoConnection"/>
803       <Target name="blackrootMapStone"/>
804       <Requirements>
805         <Requirement mode="normal">MS</Requirement>
806       </Requirements>
807     </Connection>
808   </Connections>
809 </Area>
810 <Area name="blackrootMapStone">
811   <Locations>
812     <Location>
813       <X>418</X>
814       <Y>-291</Y>
815       <Item>MapStone</Item>
816     </Location>
817   </Locations>
818   <Connections>
819 </Connections>
820 </Area>
821 <Area name="BoulderExp">
822   <Locations>
823     <Location>
824       <X>432</X>
825       <Y>-324</Y>
826       <Item>EX100</Item>
827     </Location>
828   </Locations>
829   <Connections>
830 </Connections>
```



```

831 </Area>
832 <Area name="LowerBlackRoot">
833   <Locations>
834 </Locations>
835   <Connections>
836     <Connection>
837       <Home name="LowerBlackRoot"/>
838       <Target name="LowerBlackRootCell"/>
839       <Requirements>
840         <Requirement mode="normal">ChargeJump</Requirement>
841         <Requirement mode="normal">Grenade+Bash</Requirement>
842         <Requirement mode="timed-level">Free</Requirement>
843       </Requirements>
844     </Connection>
845     <Connection>
846       <Home name="LowerBlackRoot"/>
847       <Target name="FarRightBlackRoot"/>
848       <Requirements>
849         <Requirement mode="speed">Dash+DoubleJump</Requirement>
850         <Requirement mode="normal">Dash+Grenade+Bash</Requirement>
851         <Requirement mode="hard">DoubleJump</Requirement>
852         <Requirement mode="hard">Grenade+Bash</Requirement>
853         <!-- for hard mode, this and the right blackroot connection can be
            done without dash, using a laser crouch -->
854       </Requirements>
855     </Connection>
856     <Connection>
857       <Home name="LowerBlackRoot"/>
858       <Target name="RightBlackRoot"/>
859       <Requirements>
860         <Requirement mode="normal">Dash</Requirement>
861         <Requirement mode="hard">Free</Requirement>
862       </Requirements>
863     </Connection>
864     <Connection>
865       <Home name="LowerBlackRoot"/>
866       <Target name="LeftBlackRoot"/>
867       <Requirements>
868         <Requirement mode="speed">ChargeJump+DoubleJump</Requirement>
869         <Requirement mode="normal">Grenade</Requirement>
870       </Requirements>
871     </Connection>
872     <Connection>
873       <Home name="LowerBlackRoot"/>
874       <Target name="BottomBlackRoot"/>
875       <Requirements>
876         <Requirement mode="normal">Grenade+Bash</Requirement>
877         <Requirement mode="normal">Grenade+Water</Requirement>
878         <Requirement mode="dboost-hard">Grenade+Bash+HC+HC+HC+HC+HC+HC+HC+HC+
            HC+HC+HC+HC</Requirement>
879       </Requirements>
880     </Connection>

```

```

881     <Connection>
882         <Home name="LowerBlackRoot"/>
883         <Target name="GrenadeArea"/>
884         <Requirements>
885             <Requirement mode="normal">Dash</Requirement>
886         </Requirements>
887     </Connection>
888 </Connections>
889 </Area>
890 <Area name="GrenadeArea">
891     <Locations>
892         <Location>
893             <X>72</X>
894             <Y>-380</Y>
895             <Item>SKGrenade</Item>
896         </Location>
897     </Locations>
898     <Connections>
899         <Connection>
900             <Home name="GrenadeArea"/>
901             <Target name="RightGrenadeArea"/>
902             <Requirements>
903                 <Requirement mode="normal">Bash</Requirement>
904                 <Requirement mode="normal">ChargeJump</Requirement>
905                 <Requirement mode="normal">DoubleJump</Requirement>
906                 <Requirement mode="normal">Glide</Requirement>
907             </Requirements>
908         </Connection>
909         <Connection>
910             <Home name="GrenadeArea"/>
911             <Target name="UpperGrenadeArea"/>
912             <Requirements>
913                 <Requirement mode="normal">Grenade+Bash</Requirement>
914                 <Requirement mode="normal">Grenade+ChargeJump</Requirement>
915             </Requirements>
916         </Connection>
917     </Connections>
918 </Area>
919 <Area name="RightGrenadeArea">
920     <Locations>
921         <Location>
922             <X>224</X>
923             <Y>-359</Y>
924             <Item>EX100</Item>
925         </Location>
926     </Locations>
927     <Connections>
928 </Connections>
929 </Area>
930 <Area name="UpperGrenadeArea">
931     <Locations>
932         <Location>

```

```
933         <X>252</X>
934         <Y>-331</Y>
935         <Item>AC</Item>
936     </Location>
937 </Locations>
938 <Connections>
939 </Connections>
940 </Area>
941 <Area name="LowerBlackRootCell">
942     <Locations>
943         <Location>
944             <X>279</X>
945             <Y>-375</Y>
946             <Item>AC</Item>
947         </Location>
948     </Locations>
949     <Connections>
950 </Connections>
951 </Area>
952 <Area name="FarRightBlackRoot">
953     <Locations>
954         <Location>
955             <X>391</X>
956             <Y>-423</Y>
957             <Item>AC</Item>
958         </Location>
959     </Locations>
960     <Connections>
961 </Connections>
962 </Area>
963 <Area name="RightBlackRoot">
964     <Locations>
965         <Location>
966             <X>339</X>
967             <Y>-418</Y>
968             <Item>EX100</Item>
969         </Location>
970     </Locations>
971     <Connections>
972 </Connections>
973 </Area>
974 <Area name="LeftBlackRoot">
975     <Locations>
976         <Location>
977             <X>208</X>
978             <Y>-431</Y>
979             <Item>AC</Item>
980         </Location>
981     </Locations>
982     <Connections>
983 </Connections>
984 </Area>
```

```

985 <Area name="BottomBlackRoot">
986 <Locations>
987 </Locations>
988 <Connections>
989 <Connection>
990 <Home name="BottomBlackRoot"/>
991 <Target name="FinalBlackRoot"/>
992 <Requirements>
993 <Requirement mode="normal">Bash</Requirement>
994 </Requirements>
995 </Connection>
996 <Connection>
997 <Home name="BottomBlackRoot"/>
998 <Target name="BlackRootWater"/>
999 <Requirements>
1000 <Requirement mode="normal">Water</Requirement>
1001 <Requirement mode="dboost-hard">Grenade+Bash+HC+HC+HC+HC+HC+HC+HC+HC
    +HC+HC+HC+HC</Requirement>
1002 </Requirements>
1003 </Connection>
1004 </Connections>
1005 </Area>
1006 <Area name="FinalBlackRoot">
1007 <Locations>
1008 <Location>
1009 <X>459</X>
1010 <Y>-506</Y>
1011 <Item>AC</Item>
1012 </Location>
1013 <Location>
1014 <X>462</X>
1015 <Y>-489</Y>
1016 <Item>EX100</Item>
1017 </Location>
1018 <Location>
1019 <X>307</X>
1020 <Y>-525</Y>
1021 <Item>EX100</Item>
1022 </Location>
1023 </Locations>
1024 <Connections>
1025 </Connections>
1026 </Area>
1027 <Area name="BlackRootWater">
1028 <Locations>
1029 <Location>
1030 <X>527</X>
1031 <Y>-544</Y>
1032 <Item>AC</Item>
1033 </Location>
1034 </Locations>
1035 <Connections>

```

```
1036     </Connections>
1037 </Area>
1038 <Area name="moonGrotto">
1039   <Locations>
1040     <Location>
1041       <X>303</X>
1042       <Y>-190</Y>
1043       <Item>EX100</Item>
1044     </Location>
1045     <Location>
1046       <X>423</X>
1047       <Y>-169</Y>
1048       <Item>EC</Item>
1049     </Location>
1050     <Location>
1051       <X>300</X>
1052       <Y>-94</Y>
1053       <Item>MS</Item>
1054     </Location>
1055     <Location>
1056       <X>703</X>
1057       <Y>-82</Y>
1058       <Item>AC</Item>
1059     </Location>
1060     <Location>
1061       <X>618</X>
1062       <Y>-98</Y>
1063       <Item>EX100</Item>
1064     </Location>
1065   </Locations>
1066   <Connections>
1067     <Connection>
1068       <Home name="moonGrotto"/>
1069       <Target name="upperGladesSpiderCavernPuzzle"/>
1070       <Requirements>
1071         <Requirement mode="normal">Bash</Requirement>
1072         <Requirement mode="normal">DoubleJump</Requirement>
1073       </Requirements>
1074     </Connection>
1075     <Connection>
1076       <Home name="moonGrotto"/>
1077       <Target name="groveWater"/>
1078       <Requirements>
1079         <Requirement mode="normal">Water</Requirement>
1080         <Requirement mode="dboost">HC+HC+HC+HC+HC+HC</Requirement>
1081         <Requirement mode="dboost">HC+HC+HC+HC+HC+Bash</Requirement>
1082       </Requirements>
1083     </Connection>
1084     <Connection>
1085       <Home name="moonGrotto"/>
1086       <Target name="upperGroveSpiderArea"/>
1087       <Requirements>
```

```

1088         <Requirement mode="normal">Bash+WallJump</Requirement>
1089         <Requirement mode="normal">ChargeJump+WallJump+DoubleJump</
Requirement>
1090         <Requirement mode="dbash">Bash</Requirement>
1091     </Requirements>
1092 </Connection>
1093 <Connection>
1094     <Home name="moonGrotto"/>
1095     <Target name="deathWater"/>
1096     <Requirements>
1097         <Requirement mode="normal">Water+EC+EC+EC+EC</Requirement>
1098         <Requirement mode="dboost">EC+EC+EC+EC</Requirement>
1099     </Requirements>
1100 </Connection>
1101 <Connection>
1102     <Home name="moonGrotto"/>
1103     <Target name="sunkenGladesLaserStomp"/>
1104     <Requirements>
1105         <Requirement mode="normal">ChargeJump</Requirement>
1106         <Requirement mode="normal">Stomp+Water</Requirement>
1107         <Requirement mode="dboost">Bash+HC+HC+HC+HC</Requirement>
1108         <Requirement mode="dboost">HC+HC+HC+HC+HC</Requirement>
1109     </Requirements>
1110 </Connection>
1111 <Connection>
1112     <Home name="moonGrotto"/>
1113     <Target name="deathStomp"/>
1114     <Requirements>
1115         <Requirement mode="normal">Stomp+Water</Requirement>
1116         <Requirement mode="dboost">Stomp</Requirement>
1117     </Requirements>
1118 </Connection>
1119 <Connection>
1120     <Home name="moonGrotto"/>
1121     <Target name="upperGrottoOrbs"/>
1122     <Requirements>
1123         <Requirement mode="normal">WallJump+DoubleJump</Requirement>
1124         <Requirement mode="normal">ChargeJump</Requirement>
1125     </Requirements>
1126 </Connection>
1127 <Connection>
1128     <Home name="moonGrotto"/>
1129     <Target name="upperGrotto200"/>
1130     <Requirements>
1131         <Requirement mode="normal">WallJump+DoubleJump</Requirement>
1132         <Requirement mode="normal">Climb+DoubleJump+ChargeJump</Requirement>
1133     </Requirements>
1134 </Connection>
1135 <Connection>
1136     <Home name="moonGrotto"/>
1137     <Target name="mortarCell"/>
1138     <Requirements>

```

```

1139         <Requirement mode="normal">ChargeJump</Requirement>
1140     <Requirement mode="normal">Bash</Requirement>
1141 </Requirements>
1142 </Connection>
1143 <Connection>
1144     <Home name="moonGrotto"/>
1145     <Target name="swampGrottWater"/>
1146     <Requirements>
1147         <Requirement mode="normal">Water</Requirement>
1148         <Requirement mode="dboost">Free</Requirement>
1149     </Requirements>
1150 </Connection>
1151 <Connection>
1152     <Home name="moonGrotto"/>
1153     <Target name="swamp"/>
1154     <Requirements>
1155         <Requirement mode="normal">Stomp+ChargeJump</Requirement>
1156         <Requirement mode="normal">ChargeJump+ChargeFlame</Requirement>
1157         <Requirement mode="normal">ChargeJump+Grenade</Requirement>
1158         <Requirement mode="dboost-hard">ChargeFlame+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC</Requirement>
1159         <Requirement mode="glitched">Dash</Requirement>
1160     </Requirements>
1161 </Connection>
1162 <Connection>
1163     <Home name="moonGrotto"/>
1164     <Target name="swampEnergy"/>
1165     <Requirements>
1166         <Requirement mode="glitched">Dash</Requirement>
1167     </Requirements>
1168 </Connection>
1169 <Connection>
1170     <Home name="moonGrotto"/>
1171     <Target name="drainlessCell"/>
1172     <Requirements>
1173         <Requirement mode="normal">Stomp</Requirement>
1174     </Requirements>
1175 </Connection>
1176 <Connection>
1177     <Home name="moonGrotto"/>
1178     <Target name="rightGrottoHealth"/>
1179     <Requirements>
1180         <Requirement mode="normal">DoubleJump+Bash</Requirement>
1181         <Requirement mode="normal">DoubleJump+ChargeJump</Requirement>
1182         <Requirement mode="normal">Glide+ChargeJump</Requirement>
1183     </Requirements>
1184 </Connection>
1185 <Connection>
1186     <Home name="moonGrotto"/>
1187     <Target name="moonGrottoEnergyWater"/>
1188     <Requirements>
1189         <Requirement mode="normal">EC+EC+Water</Requirement>

```

```
1190         <Requirement mode="dboost">EC+EC</Requirement>
1191     </Requirements>
1192 </Connection>
1193 <Connection>
1194     <Home name="moonGrotto"/>
1195     <Target name="moonGrottoEnergyTop"/>
1196     <Requirements>
1197         <Requirement mode="normal">EC+EC+ChargeJump</Requirement>
1198         <Requirement mode="normal">EC+EC+WallJump+DoubleJump</Requirement>
1199         <Requirement mode="speed">EC+EC+WallJump</Requirement>
1200     </Requirements>
1201 </Connection>
1202 <Connection>
1203     <Home name="moonGrotto"/>
1204     <Target name="GumoHideout"/>
1205     <Requirements>
1206         <Requirement mode="normal">Free</Requirement>
1207     </Requirements>
1208 </Connection>
1209 <Connection>
1210     <Home name="moonGrotto"/>
1211     <Target name="moonGrottoAirCell"/>
1212     <Requirements>
1213         <Requirement mode="normal">ChargeJump+DoubleJump</Requirement>
1214         <Requirement mode="normal">Bash</Requirement>
1215     </Requirements>
1216 </Connection>
1217 <Connection>
1218     <Home name="moonGrotto"/>
1219     <Target name="moonGrottoWaterStomp"/>
1220     <Requirements>
1221         <Requirement mode="normal">Water+Stomp</Requirement>
1222         <Requirement mode="dboost">Stomp+HC+HC+HC+HC+HC</Requirement>
1223     </Requirements>
1224 </Connection>
1225 <Connection>
1226     <Home name="moonGrotto"/>
1227     <Target name="leftGinsoCell"/>
1228     <Requirements>
1229         <Requirement mode="normal">ChargeJump+DoubleJump+Glide</Requirement>
1230         <Requirement mode="normal">Wind+Glide</Requirement>
1231         <Requirement mode="lure-hard">Dash</Requirement>
1232     </Requirements>
1233 </Connection>
1234 <Connection>
1235     <Home name="moonGrotto"/>
1236     <Target name="rightGinsoOrb"/>
1237     <Requirements>
1238         <Requirement mode="normal">Grenade</Requirement>
1239     </Requirements>
1240 </Connection>
1241 <Connection>
```



```

1242     <Home name="moonGrotto"/>
1243     <Target name="lowerGinsoTree"/>
1244     <Requirements>
1245         <Requirement mode="normal">GinsoKey+WallJump+DoubleJump</Requirement>
1246         <Requirement mode="normal">GinsoKey+ChargeJump</Requirement>
1247     </Requirements>
1248 </Connection>
1249 <Connection>
1250     <Home name="moonGrotto"/>
1251     <Target name="HoruFields"/>
1252     <Requirements>
1253         <Requirement mode="normal">Bash+DoubleJump</Requirement>
1254         <Requirement mode="normal">Bash+Glide</Requirement>
1255         <Requirement mode="normal">Stomp+ChargeJump+Glide+WallJump</
1256             Requirement>
1257         <Requirement mode="normal">Stomp+ChargeJump+Glide+Climb</Requirement>
1258         <Requirement mode="dbash">Bash</Requirement>
1259     </Requirements>
1259 </Connection>
1260 <Connection>
1261     <Home name="moonGrotto"/>
1262     <Target name="HoruFieldsStomp"/>
1263     <Requirements>
1264         <Requirement mode="normal">Stomp</Requirement>
1265         <Requirement mode="lure">Free</Requirement>
1266     </Requirements>
1267 </Connection>
1268 <Connection>
1269     <Home name="moonGrotto"/>
1270     <Target name="moonGrottoPlants"/>
1271     <Requirements>
1272         <Requirement mode="normal">ChargeFlame</Requirement>
1273         <Requirement mode="normal">Grenade</Requirement>
1274         <Requirement mode="hard">Dash</Requirement>
1275     </Requirements>
1276 </Connection>
1277 <Connection>
1278     <Home name="moonGrotto"/>
1279     <Target name="moonGrottoStompPlant"/>
1280     <Requirements>
1281         <Requirement mode="normal">Stomp+ChargeFlame</Requirement>
1282         <Requirement mode="normal">Stomp+Grenade</Requirement>
1283         <Requirement mode="hard">Stomp+Dash</Requirement>
1284     </Requirements>
1285 </Connection>
1286 <Connection>
1287     <Home name="moonGrotto"/>
1288     <Target name="moonGrottoMortarPlant"/>
1289     <Requirements>
1290         <Requirement mode="normal">DoubleJump+ChargeFlame</Requirement>
1291         <Requirement mode="normal">DoubleJump+Grenade</Requirement>
1292         <Requirement mode="normal">ChargeJump+ChargeFlame</Requirement>

```

```
1293         <Requirement mode="normal">ChargeJump+Grenade</Requirement>
1294         <Requirement mode="normal">Bash+ChargeFlame</Requirement>
1295         <Requirement mode="normal">Bash+Grenade</Requirement>
1296         <Requirement mode="normal">Glide+ChargeFlame</Requirement>
1297         <Requirement mode="normal">Glide+Grenade</Requirement>
1298         <Requirement mode="speed">Dash+ChargeFlame</Requirement>
1299         <Requirement mode="speed">Dash+Grenade</Requirement>
1300         <Requirement mode="hard">Dash</Requirement>
1301     </Requirements>
1302 </Connection>
1303 <Connection>
1304     <Home name="moonGrotto"/>
1305     <Target name="moonGrottoMapStone"/>
1306     <Requirements>
1307         <Requirement mode="normal">MS</Requirement>
1308     </Requirements>
1309 </Connection>
1310 </Connections>
1311 </Area>
1312 <Area name="moonGrottoMapStone">
1313     <Locations>
1314         <Location>
1315             <X>351</X>
1316             <Y>-119</Y>
1317             <Item>MapStone</Item>
1318         </Location>
1319     </Locations>
1320     <Connections>
1321     </Connections>
1322 </Area>
1323 <Area name="moonGrottoPlants">
1324     <Locations>
1325         <Location>
1326             <X>365</X>
1327             <Y>-119</Y>
1328             <Item>Plant</Item>
1329         </Location>
1330         <Location>
1331             <X>628</X>
1332             <Y>-120</Y>
1333             <Item>Plant</Item>
1334         </Location>
1335         <Location>
1336             <X>330</X>
1337             <Y>-78</Y>
1338             <Item>Plant</Item>
1339         </Location>
1340     </Locations>
1341     <Connections>
1342     </Connections>
1343 </Area>
1344 <Area name="moonGrottoStompPlant">
```

```
1345     <Locations>
1346     <Location>
1347     <X>435</X>
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1381     <Y>-48</Y>
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1383     </Location>
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1418       </Requirements>
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1454 </Area>
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1495     <Connection>
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1497       <Target name="upperGrottoOrbsPlant"/>
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1499         <Requirement mode="normal">ChargeFlame</Requirement>
1500         <Requirement mode="normal">Grenade</Requirement>
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1502     </Requirements>
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1504 </Connections>
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1549 </Area>
1550 <Area name="rightGrottoHealth">
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1555         <Item>HC</Item>
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1557 </Locations>
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1597                 <Requirement mode="normal">Stomp+Grenade</Requirement>
1598                 <Requirement mode="hard">Stomp+Dash</Requirement>
1599             </Requirements>
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1603 <Area name="moonGrottoAirCellPlant">
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1614 todo
1615 <Area name="sideFallCell">
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1622     </Locations>
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1629             </Requirements>
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1644         </Location>
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1648             <Item>EX100</Item>
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1651             <X>590</X>
1652             <Y>-384</Y>
1653             <Item>KS</Item>
1654         </Location>
1655     </Locations>
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1659         <Target name="DoubleJumpArea"/>
1660         <Requirements>
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1662         </Requirements>
1663     </Connection>
1664     <Connection>
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1666         <Target name="MobileGumoHideout"/>
1667         <Requirements>
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1669             <Requirement mode="normal">Climb+ChargeJump</Requirement>
1670             <Requirement mode="normal">WallJump+ChargeJump</Requirement>
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1673     <Connection>
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1675         <Target name="GumoHideoutMapStone"/>
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1677             <Requirement mode="normal">MS</Requirement>
1678         </Requirements>
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1703             <Home name="DoubleJumpArea"/>
1704             <Target name="MobileDoubleJumpArea"/>
1705             <Requirements>
1706                 <Requirement mode="normal">WallJump+DoubleJump</Requirement>
1707                 <Requirement mode="normal">ChargeJump</Requirement>
1708                 <Requirement mode="normal">Bash</Requirement>

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```
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1710     </Requirements>
1711 </Connection>
1712 </Connections>
1713 </Area>
1714 <Area name="MobileDoubleJumpArea">
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1718             <Y>-398</Y>
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1751         </Location>
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1766     </Location>
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1774     <Connection>
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1779         </Requirements>
1780     </Connection>
1781     <Connection>
1782         <Home name="MobileGumoHideout"/>
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1784         <Requirements>
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1786         </Requirements>
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1788     <Connection>
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1790         <Target name="GumoHideoutWater"/>
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1793             <Requirement mode="dboost">Free</Requirement>
1794         </Requirements>
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1796     <Connection>
1797         <Home name="MobileGumoHideout"/>
1798         <Target name="HideoutRedirect"/>
1799         <Requirements>
1800             <Requirement mode="normal">EC+EC+EC+EC</Requirement>
1801         </Requirements>
1802     </Connection>
1803     <Connection>
1804         <Home name="MobileGumoHideout"/>
1805         <Target name="MobileGumoHideoutPlants"/>
1806         <Requirements>
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1808             <Requirement mode="normal">Grenade</Requirement>
1809             <Requirement mode="hard">Dash</Requirement>
1810         </Requirements>
1811     </Connection>
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1842   </Locations>
1843   <Connections>
1844   </Connections>
1845 </Area>
1846 <Area name="HideoutRedirect">
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1850       <Y>-441</Y>
1851       <Item>EC</Item>
1852     </Location>
1853     <Location>
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1855       <Y>-439</Y>
1856       <Item>EX200</Item>
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1868     </Location>
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1871 </Connections>
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1880     </Locations>
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1884             <Target name="moonGrotto"/>
1885             <Requirements>
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1887             </Requirements>
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1889         <Connection>
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1891             <Target name="sunkenGladesLaserStompPlant"/>
1892             <Requirements>
1893                 <Requirement mode="normal">ChargeFlame</Requirement>
1894                 <Requirement mode="normal">Grenade</Requirement>
1895                 <Requirement mode="hard">Dash</Requirement>
1896             </Requirements>
1897         </Connection>
1898     </Connections>
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1900 <Area name="sunkenGladesLaserStompPlant">
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1927     </Location>
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1940         <Y>328</Y>
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1942     </Location>
1943 </Locations>
1944 <Connections>
1945     <Connection>
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1947         <Target name="upperGinsoTree"/>
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1951         </Requirements>
1952     </Connection>
1953     <Connection>
1954         <Home name="lowerGinsoTree"/>
1955         <Target name="lowerGinsoTreePlant"/>
1956         <Requirements>
1957             <Requirement mode="normal">ChargeFlame</Requirement>
1958             <Requirement mode="normal">Grenade</Requirement>
1959             <Requirement mode="hard">Dash</Requirement>
1960         </Requirements>
1961     </Connection>
1962 </Connections>
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1964 <Area name="lowerGinsoTreePlant">
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1967             <X>540</X>
1968             <Y>101</Y>

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```

1969     <Item>Plant</Item>
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1974 </Area>
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1994       <Y>502</Y>
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1996     </Location>
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2002   </Locations>
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2004     <Connection>
2005       <Home name="upperGinsoTree"/>
2006       <Target name="topGinsoTree"/>
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2009         <Requirement mode="normal">KS+KS+KS+KS+Bash+Climb</Requirement>
2010         <Requirement mode="normal">KS+KS+KS+KS+Bash+ChargeJump</Requirement>
2011         <Requirement mode="dboost">KS+KS+KS+KS+ChargeJump+WallJump+HC+HC+HC+HC ➤
2012           +HC</Requirement>
2013         <Requirement mode="dboost">KS+KS+KS+KS+ChargeJump+Climb+HC+HC+HC+HC ➤
2014           +HC</Requirement>
2015         <Requirement mode="hard">KS+KS+KS+KS+ChargeJump+HC+HC+HC+HC+HC</ ➤
2016           Requirement>
2017         <!-- this can be reached with chargejump only due to a micro ledge-->
2018       </Requirements>
2019     </Connection>
2020   </Connections>

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```
2018     <Home name="upperGinsoTree"/>
2019     <Target name="upperGinsoFloors"/>
2020     <Requirements>
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2022         <Requirement mode="normal">Stomp</Requirement>
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2042             <Y>434</Y>
2043             <Item>EC</Item>
2044         </Location>
2045     </Locations>
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2055         </Location>
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2065             <Target name="GinsoEscape"/>
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2068                 <Requirement mode="speed">Stomp</Requirement>
2069             </Requirements>
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```
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2071     <Connection>
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2073         <Target name="topGinsoTreePlant"/>
2074         <Requirements>
2075             <Requirement mode="normal">ChargeFlame</Requirement>
2076             <Requirement mode="normal">Grenade</Requirement>
2077             <Requirement mode="hard">Dash</Requirement>
2078         </Requirements>
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2087             <Item>Plant</Item>
2088         </Location>
2089     </Locations>
2090     <Connections>
2091     </Connections>
2092 </Area>
2093 <Area name="GinsoEscape">
2094     <Locations>
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2097             <Y>661</Y>
2098             <Item>EX200</Item>
2099         </Location>
2100         <Location>
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2102             <Y>733</Y>
2103             <Item>EX100</Item>
2104         </Location>
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2107             <Y>827</Y>
2108             <Item>EX100</Item>
2109         </Location>
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2112             <Y>867</Y>
2113             <Item>EX100</Item>
2114         </Location>
2115         <Location>
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2117             <Y>4</Y>
2118             <Item>EVWater</Item>
2119         </Location>
2120     </Locations>
2121     <Connections>
```

```

2122     </Connections>
2123 </Area>
2124 <Area name="swamp">
2125     <Locations>
2126     </Locations>
2127     <Connections>
2128         <Connection>
2129             <Home name="swamp"/>
2130             <Target name="drainlessCell"/>
2131             <Requirements>
2132                 <Requirement mode="normal">Stomp</Requirement>
2133             </Requirements>
2134         </Connection>
2135         <Connection>
2136             <Home name="swamp"/>
2137             <Target name="swampWater"/>
2138             <Requirements>
2139                 <Requirement mode="normal">Water</Requirement>
2140             </Requirements>
2141         </Connection>
2142         <Connection>
2143             <Home name="swamp"/>
2144             <Target name="swampStomp"/>
2145             <Requirements>
2146                 <Requirement mode="normal">Stomp</Requirement>
2147             </Requirements>
2148         </Connection>
2149         <Connection>
2150             <Home name="swamp"/>
2151             <Target name="swampEnergy"/>
2152             <Requirements>
2153                 <Requirement mode="normal">Wind+Glide</Requirement>
2154                 <Requirement mode="normal">ChargeJump+Climb+Glide</Requirement>
2155                 <Requirement mode="normal">ChargeJump+Climb+DoubleJump</Requirement>
2156                 <Requirement mode="dbash">Bash</Requirement>
2157                 <!-- dbash here requires dboosting, but only 2 if done right -->
2158             </Requirements>
2159         </Connection>
2160         <Connection>
2161             <Home name="swamp"/>
2162             <Target name="rightSwamp"/>
2163             <Requirements>
2164                 <Requirement mode="normal">KS+KS+WallJump</Requirement>
2165                 <Requirement mode="normal">KS+KS+Climb</Requirement>
2166             </Requirements>
2167         </Connection>
2168         <Connection>
2169             <Home name="swamp"/>
2170             <Target name="swampMapStone"/>
2171             <Requirements>
2172                 <Requirement mode="normal">MS</Requirement>
2173             </Requirements>

```

```
2174     </Connection>
2175   </Connections>
2176 </Area>
2177 <Area name="swampMapStone">
2178   <Locations>
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2181       <Y>-129</Y>
2182       <Item>MapStone</Item>
2183     </Location>
2184   </Locations>
2185   <Connections>
2186   </Connections>
2187 </Area>
2188 <Area name="swampWater">
2189   <Locations>
2190     <Location>
2191       <X>636</X>
2192       <Y>-162</Y>
2193       <Item>EX100</Item>
2194     </Location>
2195     <Location>
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2197       <Y>-173</Y>
2198       <Item>EX100</Item>
2199     </Location>
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2202       <Y>-205</Y>
2203       <Item>KS</Item>
2204     </Location>
2205     <Location>
2206       <X>766</X>
2207       <Y>-183</Y>
2208       <Item>KS</Item>
2209     </Location>
2210     <Location>
2211       <X>796</X>
2212       <Y>-210</Y>
2213       <Item>MS</Item>
2214     </Location>
2215   </Locations>
2216   <Connections>
2217   </Connections>
2218 </Area>
2219 <Area name="swampStomp">
2220   <Locations>
2221     <Location>
2222       <X>770</X>
2223       <Y>-148</Y>
2224       <Item>EX100</Item>
2225     </Location>
```

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2226     </Locations>
2227     <Connections>
2228     </Connections>
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2230 <Area name="swampEnergy">
2231     <Locations>
2232         <Location>
2233             <X>722</X>
2234             <Y>-95</Y>
2235             <Item>EC</Item>
2236         </Location>
2237     </Locations>
2238     <Connections>
2239     </Connections>
2240 </Area>
2241 <Area name="rightSwamp">
2242     <Locations>
2243         <Location>
2244             <X>860</X>
2245             <Y>-96</Y>
2246             <Item>SKStomp</Item>
2247         </Location>
2248     </Locations>
2249     <Connections>
2250         <Connection>
2251             <Home name="rightSwamp"/>
2252             <Target name="rightSwampStomp"/>
2253             <Requirements>
2254                 <Requirement mode="normal">Stomp</Requirement>
2255                 <Requirement mode="normal">Bash</Requirement>
2256             </Requirements>
2257         </Connection>
2258         <Connection>
2259             <Home name="rightSwamp"/>
2260             <Target name="rightSwampCJump"/>
2261             <Requirements>
2262                 <Requirement mode="normal">ChargeJump</Requirement>
2263             </Requirements>
2264         </Connection>
2265         <Connection>
2266             <Home name="rightSwamp"/>
2267             <Target name="rightSwampGrenade"/>
2268             <Requirements>
2269                 <Requirement mode="normal">Grenade+Water</Requirement>
2270                 <Requirement mode="dboost">Grenade</Requirement>
2271             </Requirements>
2272         </Connection>
2273     </Connections>
2274 </Area>
2275 <Area name="rightSwampCJump">
2276     <Locations>
2277         <Location>
```

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2278         <X>914</X>
2279         <Y>-71</Y>
2280         <Item>EX200</Item>
2281     </Location>
2282 </Locations>
2283 <Connections>
2284 </Connections>
2285 </Area>
2286 <Area name="rightSwampStomp">
2287     <Locations>
2288         <Location>
2289             <X>884</X>
2290             <Y>-98</Y>
2291             <Item>EX100</Item>
2292         </Location>
2293     </Locations>
2294     <Connections>
2295 </Connections>
2296 </Area>
2297 <Area name="rightSwampGrenade">
2298     <Locations>
2299         <Location>
2300             <X>874</X>
2301             <Y>-143</Y>
2302             <Item>EX200</Item>
2303         </Location>
2304     </Locations>
2305     <Connections>
2306 </Connections>
2307 </Area>
2308 <Area name="HoruFields">
2309     <Locations>
2310         <Location>
2311             <X>97</X>
2312             <Y>-37</Y>
2313             <Item>EX200</Item>
2314         </Location>
2315         <Location>
2316             <X>176</X>
2317             <Y>-34</Y>
2318             <Item>AC</Item>
2319         </Location>
2320     </Locations>
2321     <Connections>
2322         <Connection>
2323             <Home name="HoruFields"/>
2324             <Target name="HoruFieldsEnergy"/>
2325             <Requirements>
2326                 <Requirement mode="normal">Bash</Requirement>
2327                 <Requirement mode="normal">DoubleJump</Requirement>
2328             </Requirements>
2329         </Connection>
```

```

2330     <Connection>
2331         <Home name="HoruFields"/>
2332         <Target name="Horu"/>
2333         <Requirements>
2334             <Requirement mode="normal">HoruKey+Bash+DoubleJump+Glide+WallJump</
                Requirement>
2335             <Requirement mode="normal">HoruKey+Bash+DoubleJump+Glide+Climb</
                Requirement>
2336             <Requirement mode="dbash">HoruKey+Bash</Requirement>
2337         </Requirements>
2338     </Connection>
2339 </Connections>
2340 </Area>
2341 <Area name="HoruFieldsEnergy">
2342     <Locations>
2343         <Location>
2344             <X>175</X>
2345             <Y>1</Y>
2346             <Item>EC</Item>
2347         </Location>
2348     </Locations>
2349     <Connections>
2350     <Connection>
2351         <Home name="HoruFieldsEnergy"/>
2352         <Target name="HoruFieldsEnergyPlant"/>
2353         <Requirements>
2354             <Requirement mode="normal">ChargeFlame</Requirement>
2355             <Requirement mode="normal">Grenade</Requirement>
2356             <Requirement mode="hard">Dash</Requirement>
2357         </Requirements>
2358     </Connection>
2359 </Connections>
2360 </Area>
2361 <Area name="HoruFieldsEnergyPlant">
2362     <Locations>
2363         <Location>
2364             <X>124</X>
2365             <Y>21</Y>
2366             <Item>Plant</Item>
2367         </Location>
2368     </Locations>
2369     <Connections>
2370 </Connections>
2371 </Area>
2372 <Area name="HoruFieldsStomp">
2373     <Locations>
2374         <Location>
2375             <X>160</X>
2376             <Y>-78</Y>
2377             <Item>HC</Item>
2378         </Location>
2379     </Locations>

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```
2380     <Connections>
2381     </Connections>
2382 </Area>
2383 <Area name="Horu">
2384     <Locations>
2385         <Location>
2386             <X>193</X>
2387             <Y>384</Y>
2388             <Item>EX100</Item>
2389         </Location>
2390         <Location>
2391             <X>148</X>
2392             <Y>363</Y>
2393             <Item>MS</Item>
2394         </Location>
2395         <Location>
2396             <X>249</X>
2397             <Y>403</Y>
2398             <Item>EC</Item>
2399         </Location>
2400     </Locations>
2401     <Connections>
2402         <Connection>
2403             <Home name="Horu"/>
2404             <Target name="HoruStomp"/>
2405             <Requirements>
2406                 <Requirement mode="normal">Stomp</Requirement>
2407             </Requirements>
2408         </Connection>
2409         <Connection>
2410             <Home name="Horu"/>
2411             <Target name="HoruMapStone"/>
2412             <Requirements>
2413                 <Requirement mode="normal">MS</Requirement>
2414             </Requirements>
2415         </Connection>
2416     </Connections>
2417 </Area>
2418 <Area name="HoruMapStone">
2419     <Locations>
2420         <Location>
2421             <X>56</X>
2422             <Y>343</Y>
2423             <Item>MapStone</Item>
2424         </Location>
2425     </Locations>
2426     <Connections>
2427     </Connections>
2428 </Area>
2429 <Area name="HoruStomp">
2430     <Locations>
2431         <Location>
```

```
2432     <X>191</X>
2433     <Y>165</Y>
2434     <Item>EX200</Item>
2435 </Location>
2436 <Location>
2437     <X>253</X>
2438     <Y>194</Y>
2439     <Item>EX200</Item>
2440 </Location>
2441 <Location>
2442     <X>163</X>
2443     <Y>136</Y>
2444     <Item>EX200</Item>
2445 </Location>
2446 <Location>
2447     <X>-191</X>
2448     <Y>194</Y>
2449     <Item>EX200</Item>
2450 </Location>
2451 <Location>
2452     <X>-29</X>
2453     <Y>148</Y>
2454     <Item>EX200</Item>
2455 </Location>
2456 <Location>
2457     <X>13</X>
2458     <Y>164</Y>
2459     <Item>EX200</Item>
2460 </Location>
2461 <Location>
2462     <X>129</X>
2463     <Y>165</Y>
2464     <Item>EX200</Item>
2465 </Location>
2466 <Location>
2467     <X>98</X>
2468     <Y>130</Y>
2469     <Item>EX200</Item>
2470 </Location>
2471 <Location>
2472     <X>106</X>
2473     <Y>112</Y>
2474     <Item>EX200</Item>
2475 </Location>
2476 <Location>
2477     <X>0</X>
2478     <Y>20</Y>
2479     <Item>EVWarmth</Item>
2480 </Location>
2481 </Locations>
2482 <Connections>
2483 <Connection>
```



```

2484     <Home name="HoruStomp"/>
2485     <Target name="HoruStompPlant"/>
2486     <Requirements>
2487         <Requirement mode="normal">ChargeFlame</Requirement>
2488         <Requirement mode="normal">Grenade</Requirement>
2489         <Requirement mode="hard">Dash</Requirement>
2490     </Requirements>
2491 </Connection>
2492 </Connections>
2493 </Area>
2494 <Area name="HoruStompPlant">
2495     <Locations>
2496         <Location>
2497             <X>318</X>
2498             <Y>245</Y>
2499             <Item>Plant</Item>
2500         </Location>
2501     </Locations>
2502     <Connections>
2503 </Connections>
2504 </Area>
2505 <Area name="valleyEntry">
2506     <Locations>
2507         <Location>
2508             <X>-205</X>
2509             <Y>-113</Y>
2510             <Item>AC</Item>
2511         </Location>
2512     </Locations>
2513     <Connections>
2514         <Connection>
2515             <Home name="valleyEntry"/>
2516             <Target name="valleyEntryTree"/>
2517             <Requirements>
2518                 <Requirement mode="normal">Bash+WallJump</Requirement>
2519                 <Requirement mode="normal">Bash+Climb</Requirement>
2520                 <Requirement mode="normal">DoubleJump</Requirement>
2521                 <Requirement mode="normal">ChargeJump+WallJump</Requirement>
2522                 <Requirement mode="normal">ChargeJump+Climb</Requirement>
2523                 <Requirement mode="dboost">ChargeJump+HC+HC+HC+HC</Requirement>
2524                 <!-- this can be reached with cjump only + 3 damage -->
2525             </Requirements>
2526         </Connection>
2527         <Connection>
2528             <Home name="valleyEntry"/>
2529             <Target name="valleyMain"/>
2530             <Requirements>
2531                 <Requirement mode="normal">Stomp+Bash+WallJump+DoubleJump</
2532                 Requirement>
2533                 <Requirement mode="normal">Stomp+Bash+WallJump+Glide</Requirement>
2534                 <Requirement mode="normal">Stomp+Bash+Climb+ChargeJump</Requirement>
2535             </Requirements>

```

```

2535         </Connection>
2536     </Connections>
2537 </Area>
2538 <Area name="valleyEntryTree">
2539     <Locations>
2540         <Location>
2541             <X>-221</X>
2542             <Y>-84</Y>
2543             <Item>EX100</Item>
2544         </Location>
2545     </Locations>
2546     <Connections>
2547         <Connection>
2548             <Home name="valleyEntryTree"/>
2549             <Target name="valleyEntryWater"/>
2550             <Requirements>
2551                 <Requirement mode="normal">Water+Grenade</Requirement>
2552                 <Requirement mode="dboost-hard">Grenade+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC
                +HC+HC+HC+HC</Requirement>
2553                 <Requirement mode="dboost-hard">Grenade+HC+HC+HC+HC+HC+HC+HC+HC+HC+HC
                +HC+HC+HC+Bash</Requirement>
2554             </Requirements>
2555         </Connection>
2556         <Connection>
2557             <Home name="valleyEntryTree"/>
2558             <Target name="valleyEntryTreePlant"/>
2559             <Requirements>
2560                 <Requirement mode="normal">ChargeJump+Climb+ChargeFlame</Requirement>
2561                 <Requirement mode="normal">ChargeJump+Climb+Grenade</Requirement>
2562                 <Requirement mode="normal">ChargeJump+DoubleJump+ChargeFlame</
                Requirement>
2563                 <Requirement mode="normal">ChargeJump+DoubleJump+Grenade</Requirement>
2564                 <Requirement mode="normal">Bash+ChargeFlame</Requirement>
2565                 <Requirement mode="normal">Bash+Grenade</Requirement>
2566                 <Requirement mode="normal">Glide+ChargeFlame</Requirement>
2567                 <Requirement mode="normal">Glide+Grenade</Requirement>
2568                 <Requirement mode="hard">Dash</Requirement>
2569             </Requirements>
2570         </Connection>
2571     </Connections>
2572 </Area>
2573 <Area name="valleyEntryTreePlant">
2574     <Locations>
2575         <Location>
2576             <X>-179</X>
2577             <Y>-88</Y>
2578             <Item>Plant</Item>
2579         </Location>
2580     </Locations>
2581     <Connections>
2582 </Connections>
2583 </Area>

```

```
2584 <Area name="valleyEntryWater">
2585   <Locations>
2586     <Location>
2587       <X>-320</X>
2588       <Y>-162</Y>
2589       <Item>EC</Item>
2590     </Location>
2591   </Locations>
2592   <Connections>
2593   </Connections>
2594 </Area>
2595 <Area name="valleyMain">
2596   <Locations>
2597     <Location>
2598       <X>-292</X>
2599       <Y>20</Y>
2600       <Item>AC</Item>
2601     </Location>
2602     <Location>
2603       <X>-355</X>
2604       <Y>65</Y>
2605       <Item>AC</Item>
2606     </Location>
2607     <Location>
2608       <X>-418</X>
2609       <Y>67</Y>
2610       <Item>EX100</Item>
2611     </Location>
2612     <Location>
2613       <X>-460</X>
2614       <Y>-20</Y>
2615       <Item>SKGlide</Item>
2616     </Location>
2617     <Location>
2618       <X>-546</X>
2619       <Y>54</Y>
2620       <Item>EX200</Item>
2621     </Location>
2622     <Location>
2623       <X>-561</X>
2624       <Y>-89</Y>
2625       <Item>MS</Item>
2626     </Location>
2627     <Location>
2628       <X>-538</X>
2629       <Y>-104</Y>
2630       <Item>EX100</Item>
2631     </Location>
2632     <Location>
2633       <X>-350</X>
2634       <Y>-98</Y>
2635       <Item>AC</Item>
```

```

2636     </Location>
2637     <Location>
2638         <X>-443</X>
2639         <Y>-152</Y>
2640         <Item>MS</Item>
2641     </Location>
2642     <Location>
2643         <X>-538</X>
2644         <Y>-234</Y>
2645         <Item>EX200</Item>
2646     </Location>
2647     <Location>
2648         <X>-460</X>
2649         <Y>-255</Y>
2650         <Item>EX100</Item>
2651     </Location>
2652     <Location>
2653         <X>-678</X>
2654         <Y>-29</Y>
2655         <Item>EX100</Item>
2656     </Location>
2657     <Location>
2658         <X>-822</X>
2659         <Y>-9</Y>
2660         <Item>EX100</Item>
2661     </Location>
2662 </Locations>
2663 <Connections>
2664     <Connection>
2665         <Home name="valleyMain"/>
2666         <Target name="valleyMainWater"/>
2667         <Requirements>
2668             <Requirement mode="normal">Water</Requirement>
2669             <Requirement mode="dboost">Free</Requirement>
2670         </Requirements>
2671     </Connection>
2672     <Connection>
2673         <Home name="valleyMain"/>
2674         <Target name="preSorrowOrb"/>
2675         <Requirements>
2676             <Requirement mode="normal">ChargeJump</Requirement>
2677             <Requirement mode="dbash">Bash</Requirement>
2678         </Requirements>
2679     </Connection>
2680     <Connection>
2681         <Home name="valleyMain"/>
2682         <Target name="sorrow"/>
2683         <Requirements>
2684             <Requirement mode="normal">Wind+Glide</Requirement>
2685             <Requirement mode="speed">Glide+DoubleJump+Bash+Dash</Requirement>
2686             <Requirement mode="dbash">Bash+Glide</Requirement>
2687             <Requirement mode="hard">Bash</Requirement>

```

```
2688     </Requirements>
2689 </Connection>
2690 <Connection>
2691     <Home name="valleyMain"/>
2692     <Target name="misty"/>
2693     <Requirements>
2694         <Requirement mode="normal">Glide</Requirement>
2695         <Requirement mode="dboost">DoubleJump+HC+HC+HC+HC</Requirement>
2696     </Requirements>
2697 </Connection>
2698 <Connection>
2699     <Home name="valleyMain"/>
2700     <Target name="forlorn"/>
2701     <Requirements>
2702         <Requirement mode="normal">ForlornKey</Requirement>
2703     </Requirements>
2704 </Connection>
2705 <Connection>
2706     <Home name="valleyMain"/>
2707     <Target name="valleyMainGrenade"/>
2708     <Requirements>
2709         <Requirement mode="normal">Grenade</Requirement>
2710     </Requirements>
2711 </Connection>
2712 <Connection>
2713     <Home name="valleyMain"/>
2714     <Target name="valleyMainFACS"/>
2715     <Requirements>
2716         <Requirement mode="normal">Climb+ChargeJump</Requirement>
2717         <Requirement mode="hard">Dash+Glide</Requirement>
2718     </Requirements>
2719 </Connection>
2720 <Connection>
2721     <Home name="valleyMain"/>
2722     <Target name="valleyMainPlant"/>
2723     <Requirements>
2724         <Requirement mode="normal">ChargeFlame</Requirement>
2725         <Requirement mode="normal">Grenade</Requirement>
2726         <Requirement mode="hard">Dash</Requirement>
2727     </Requirements>
2728 </Connection>
2729 <Connection>
2730     <Home name="valleyMain"/>
2731     <Target name="valleyMapStone"/>
2732     <Requirements>
2733         <Requirement mode="normal">MS</Requirement>
2734     </Requirements>
2735 </Connection>
2736 </Connections>
2737 </Area>
2738 <Area name="valleyMapStone">
2739     <Locations>
```

```
2740     <Location>
2741         <X>-408</X>
2742         <Y>-170</Y>
2743         <Item>MapStone</Item>
2744     </Location>
2745 </Locations>
2746 <Connections>
2747 </Connections>
2748 </Area>
2749 <Area name="valleyMainPlant">
2750     <Locations>
2751         <Location>
2752             <X>-468</X>
2753             <Y>-67</Y>
2754             <Item>Plant</Item>
2755         </Location>
2756     </Locations>
2757     <Connections>
2758     </Connections>
2759 </Area>
2760 <Area name="preSorrowOrb">
2761     <Locations>
2762         <Location>
2763             <X>-572</X>
2764             <Y>157</Y>
2765             <Item>EX200</Item>
2766         </Location>
2767     </Locations>
2768     <Connections>
2769     </Connections>
2770 </Area>
2771 <Area name="valleyMainWater">
2772     <Locations>
2773         <Location>
2774             <X>-359</X>
2775             <Y>-87</Y>
2776             <Item>EX100</Item>
2777         </Location>
2778         <Location>
2779             <X>-514</X>
2780             <Y>-277</Y>
2781             <Item>EX100</Item>
2782         </Location>
2783     </Locations>
2784     <Connections>
2785     </Connections>
2786 </Area>
2787 <Area name="valleyMainFACS">
2788     <Locations>
2789         <Location>
2790             <X>-415</X>
2791             <Y>-80</Y>
```

```
2792     <Item>AC</Item>
2793   </Location>
2794 </Locations>
2795 <Connections>
2796 </Connections>
2797 </Area>
2798 <Area name="valleyMainGrenade">
2799   <Locations>
2800     <Location>
2801       <X>-460</X>
2802       <Y>-187</Y>
2803       <Item>AC</Item>
2804     </Location>
2805   </Locations>
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2841   </Locations>
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2848     </Requirements>
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2855         <Requirement mode="normal">Grenade</Requirement>
2856         <Requirement mode="hard">Dash</Requirement>
2857     </Requirements>
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2866 </Connections>
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2894             <Y>-315</Y>
2895             <Item>HC</Item>
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2965         </Requirements>
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2998             <Y>299</Y>
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3045 </Connection>
3046 <Connection>
3047 <Home name="leftSorrow"/>
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3049 <Requirements>
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3051 </Requirements>

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3215 <Connection>
3216     <Home name="misty"/>
3217     <Target name="mistyPlant"/>
3218     <Requirements>
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3258             <Target name="mistyEndGrenade"/>
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