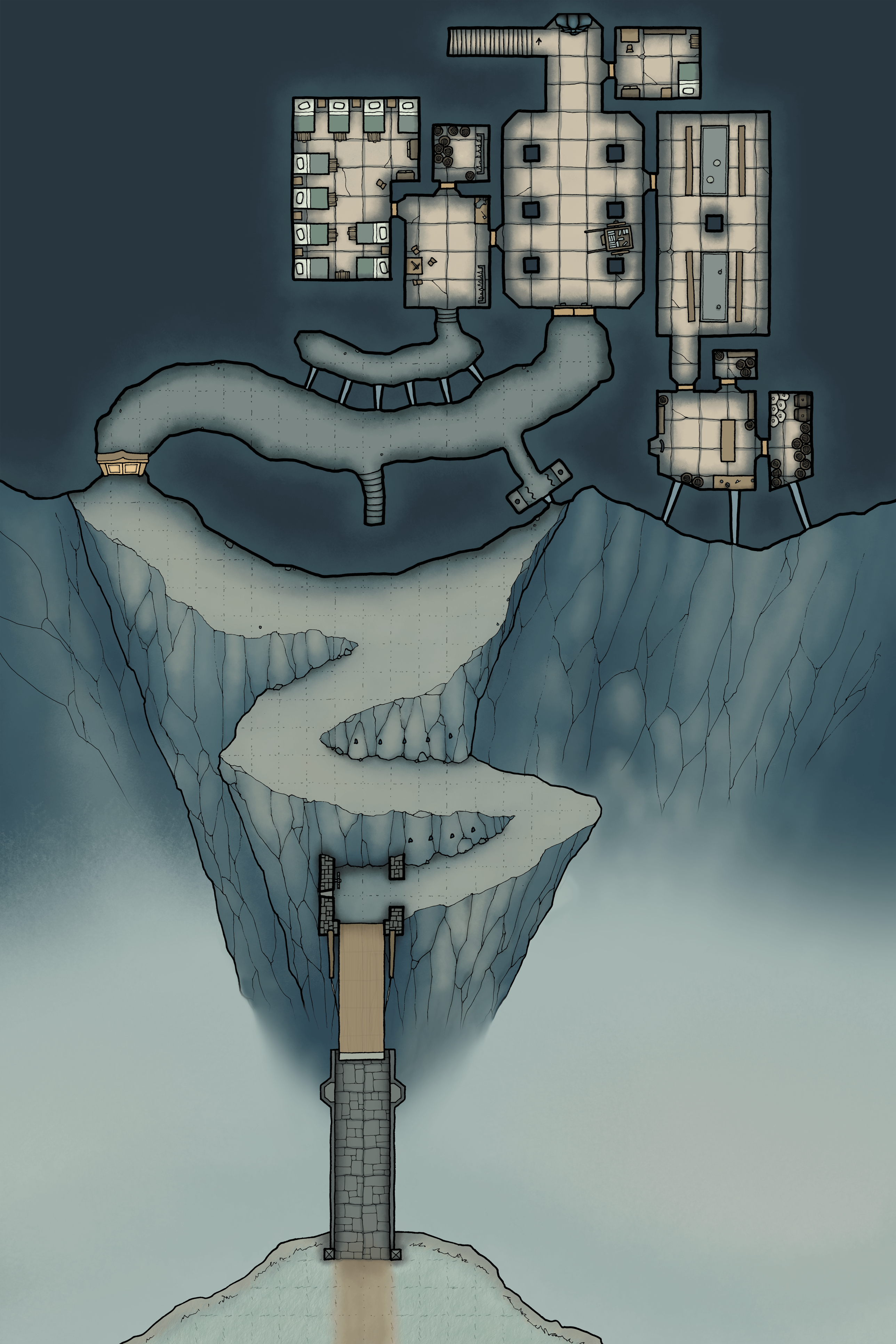
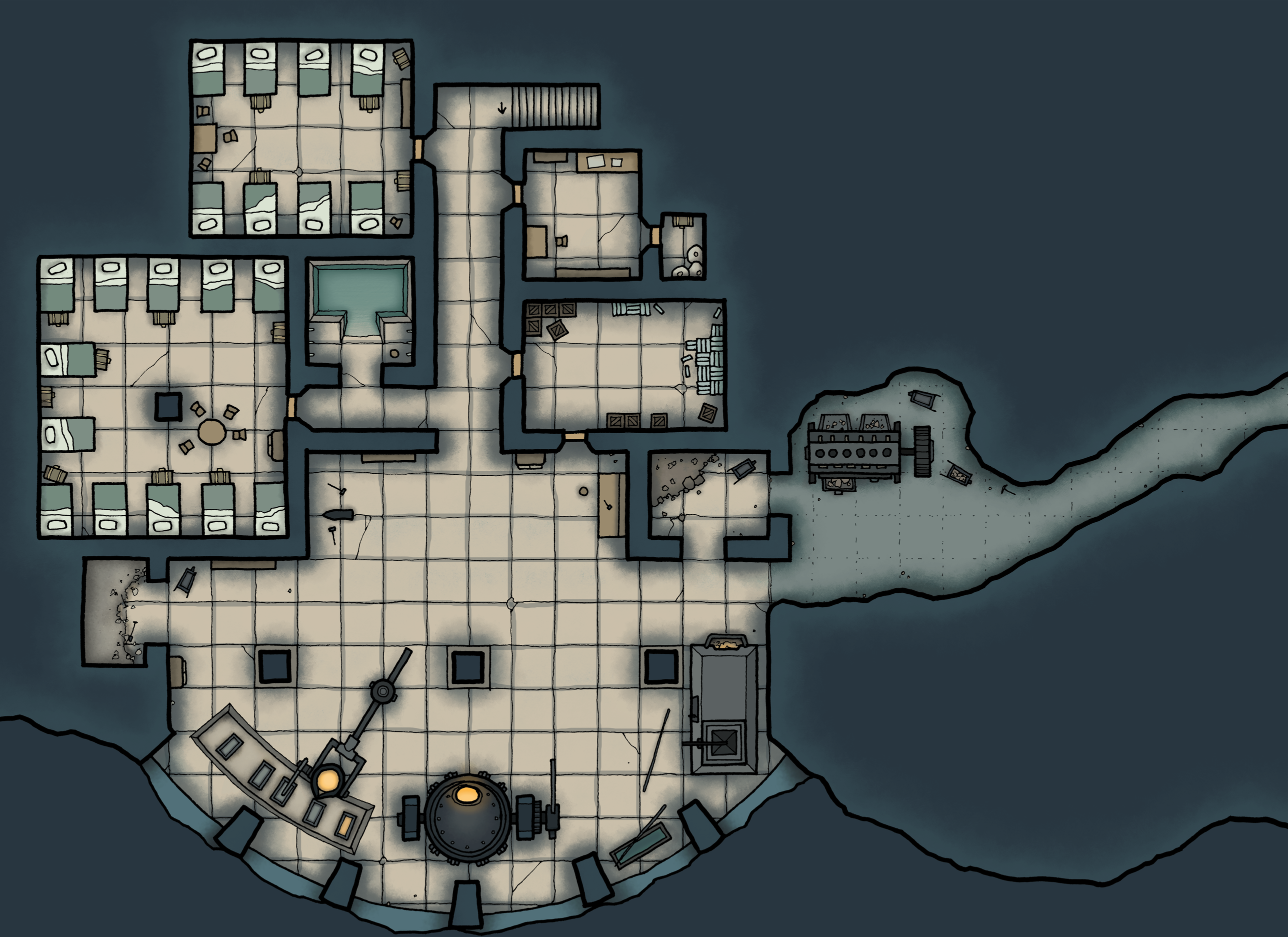
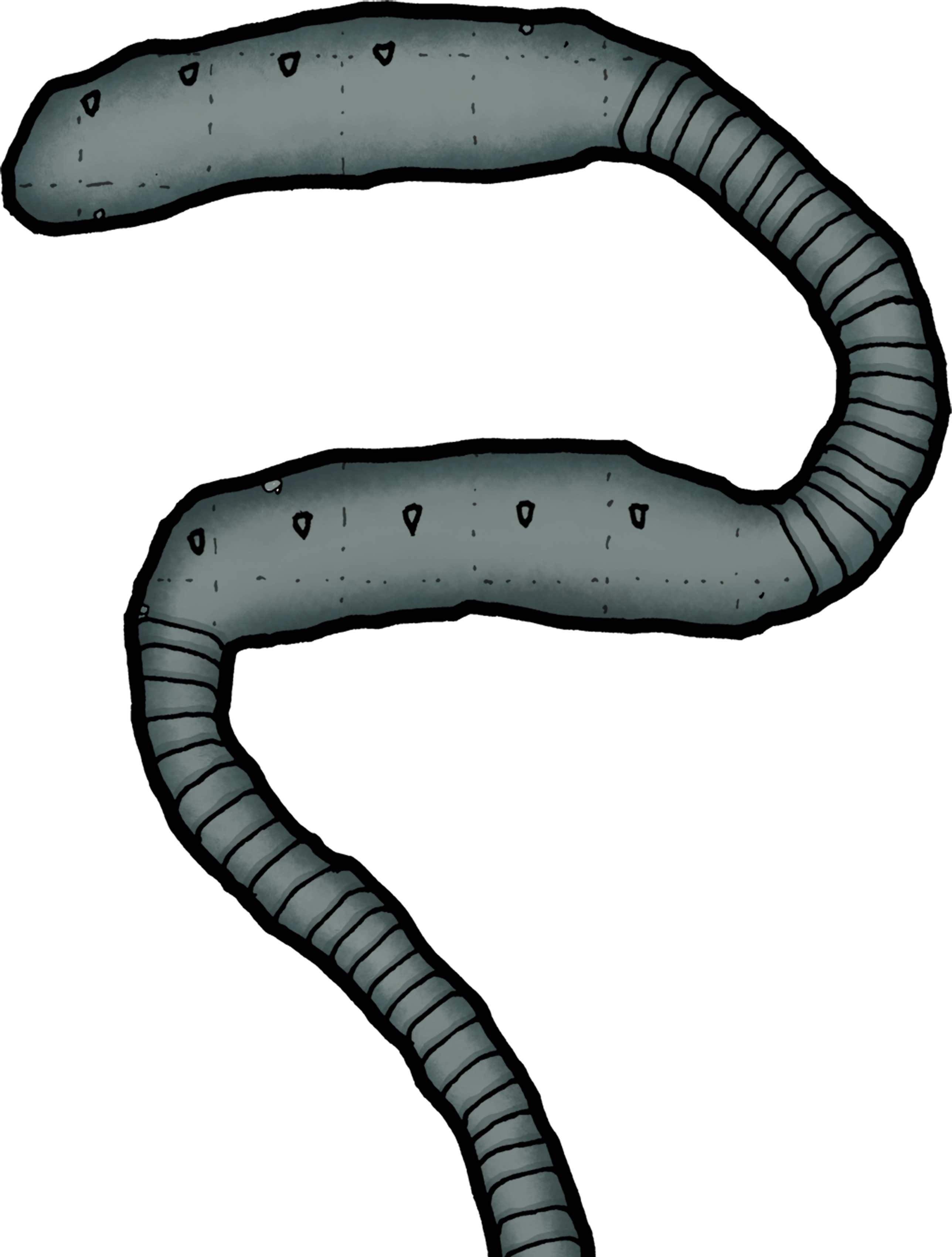


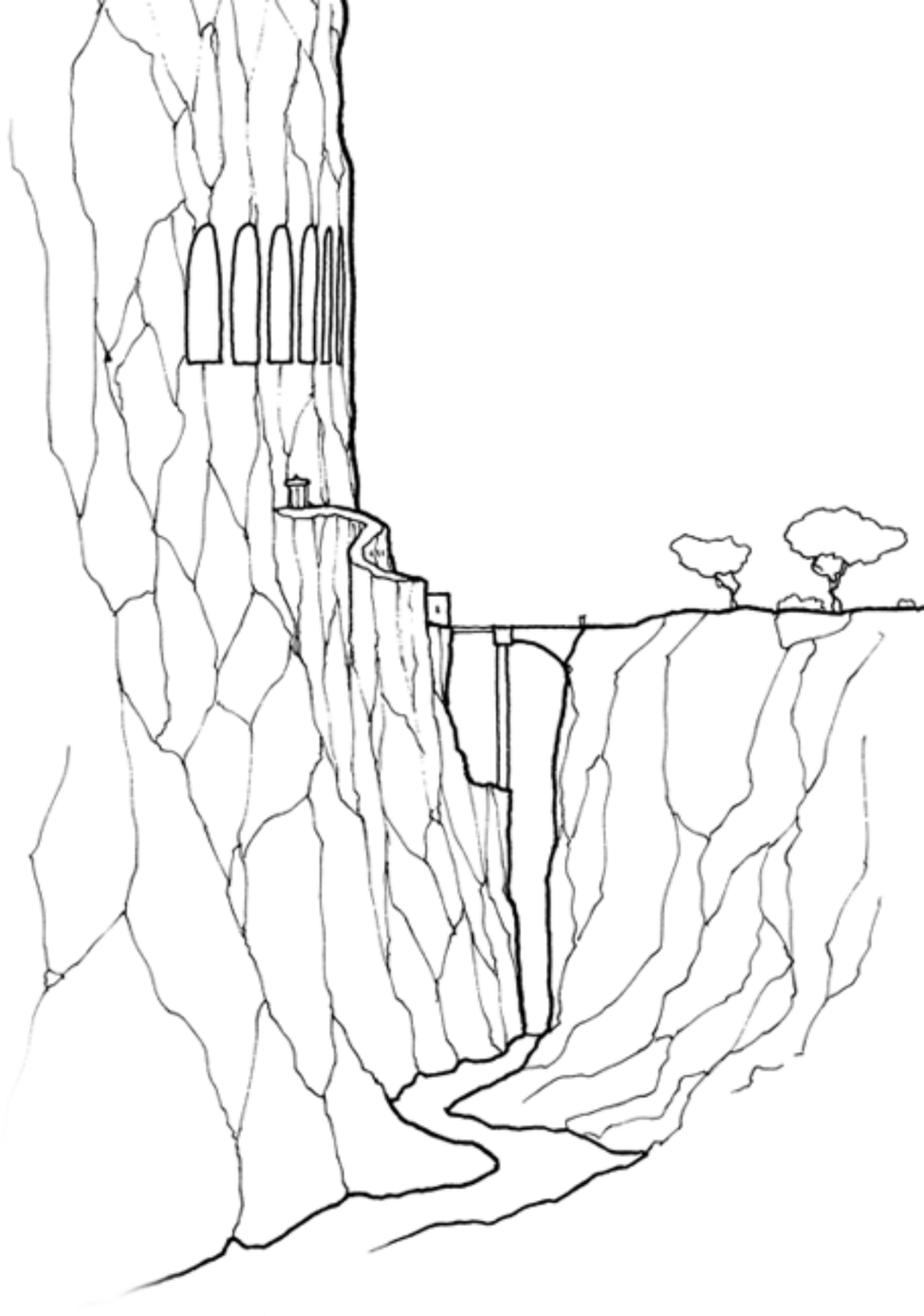




Kasan-Tir Mining Outpost

ABOUT

- Kasan-Tir is a small dwarven mining outpost built into a cliffside. In addition to mines (which are not included in the map), the outpost has facilities for smelting ore and making it into steel.
- The area's natural geography provides security to the outpost, which can only be reached by a drawbridge, followed by a narrow path up to the cliff.
- Here's an explanation of the equipment at the outpost:
  - (12) *Stamp Mill* - This machine crushes mined ore into smaller pieces, preparing it for smelting.
  - (10) *Smelter* - There are a number of different types of smelters. This one is properly known as a "puddling furnace." The poles are used to stir the molten metal through the door in the side, refining the iron.
  - (9) *Crucible* - The proper name for this device is a "Bessemer Converter." It's a large metal tank used for making refined iron into steel. It is suspended by axles on the sides and can be tilted backward to load it with iron and coke, or forward to pour the finished steel into the casting ladle.
  - (8) *Casting Pit* - This is a swiveling ladle used to pour molten steel into molds, creating steel ingots.



NOTES

- The large windows on the upper level are for ventilation. Smelting ore and making steel is a smoky business.
- The coke pile at 7 is fuel for the equipment here. Coke is made from refined coal.
- The baths here are not a luxury. No one would survive for long in confined quarters with miners who do not bathe.
- The outer gate is about twenty feet above the drawbridge. The path rises about five feet every time it changes directions.