2024/05/17 20:49 1/3 Neshaten She'na Hallway

# **Neshaten She'na Hallway**

Used within She'na Academy, a school part of the Kingdom of Neshaten, the primary hallway is as its name implies, a hallway found in the primary division of the school. The hallway itself is designed with the aesthetics to appeal to primary and even secondary students, and still maintains the natural features found through the Kingdom. Its walls are designed to allow items to be tacked onto it, such as pictures or photos, overhead light is provided not by electronics but rather by bio-luminescence creatures.

# **Design**

The following lists the way the hall is designed and the materials used.

### **Walls**

The walls of the hallway are made out of a very tough wood, designed in nature and reinforced utilizing several bio-organic materials that allows them to be strengthened to the point of being able to handle an N4 Windstrike with minimal damage, a Magnitude 10 groundquake and a D3 Electrical Storm. The walls themselves are fireproof, and actually, because they are organic they can be used to help fight and extinguish fires due to the moisture that is trapped inside the wood. Groves in the wall allows water to run down the sides and into collection points on the floor.

Every ten feet the walls are further reinforced utilizing Titanium braces, the walls natural color is that of a dark brown; but in the primary hallway, it is treated to appear light blue. While in the secondary and upper hallways, its more of a dark orange or faint red.

#### **Floors**

The floors are made out of an artificial material that resembles wood but really isn't. This material was made to allow architects to easily engrave symbols and other items into it, because of this; the engravings are painted using a special kind of glow in the dark paint which gives off just enough of a glow to make it easy for Neshies to see in pitch black conditions. For hallways located in primary school buildings, the engravings are a mixture of plants, animals, and monuments related to their Kingdom. For the rest of the school, those engraving are mainly monuments.

## **Ceiling**

The ceiling is created out of hte same material that was used to create the floor, the ceiling posses bioluminescent creatures that help create a gentle glow during the night hours - when the Neshaten are most active and when school is actually in session.

### **Windows**

The windows used in the hallway are entirely made out of Heu'trane, which makes them one of the most expensive civilian hallways.

# **Civilian Emergency Systems**

The room is equipped with a number of emergency systems, including fire suppression, CO2 monitors, gas and other sensors to help protect whomever is using the room from potential harm. These systems are linked to a schools main office so that they can be easily monitored and responded to.

## **Fire Systems**

Internal fire suppression systems utilize a specialized kind of foam that is an all in one, the kind of foam used is designed to smoother gas, liquid, electrical and chemical fires.

### Co<sub>2</sub> Systems

Designed to detect the presence of Carbon dioxide through the use NDIR.

### **Gas Detectors**

Designed to detect gas emissions from the natural gas, the gas is also mixed in with a chemical agent that reacts to a person's sense of smell so that they can more easily detect its presence.

# **Groundquake Sensors**

A specialized sensor designed to monitor the movement around it, the sensor is smart enough to tell the difference between regular - everyday movement such as that from people and from more irregular movement such as that which comes from ground quakes. These sensors are interconnected with a central monitoring station located somewhere near a school, this means that if the outside sensors pick on the movement 'first', then the sensors inside of the building will emit an emergency signal alerting individuals of an approaching quake.

### Other sensors

There are other sensors found within the CES which are designed to serve functions different from those listed above, they are more wide-range systems designed for multiple roles such as measuring air and

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2024/05/17 20:49 3/3 Neshaten She'na Hallway

wind pressure, rain water, along with the electrical current in the air which can sometimes predict whether a lightning strike might occur.

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