By 2050, the ozone layer has thinned beyond repair, and the sun no longer nurtures—it sears. The land is dry and cracked, livestock have vanished, and the outside air pulses with radiation. Earth's surface is no longer a place for human life. In response, the world has turned to survival—inhabiting a new kind of water tower. This structure, standing alone in a scorched landscape, is wrapped in three protective skins. The outermost, inspired by the Warka Tower, harvests atmospheric moisture and deflects heat with its sun-resistant fibers. The middle layer, an ETFE membrane, shields the inner biosphere while embedded sensors transmit real-time data about solar flares, air quality, and radiation levels. The innermost skin is alive, a vertical garden of edible vegetation where people now live, breathe, and grow. Here, wrapped in greenery and data, they are sheltered from the hostile world beyond. The tower is no longer just for water. It is a climate buffer, a communicator, a home.

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HIGH POINT JOINT DETAIL

EYE HOOK

TENSION CABLE

STEEL MAST

WEBBING

AIRFLOW

INTERCONNECTED TEXAS MAP OF

POTENTIAL WATER TOWER LOCATIONS

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