

ANTARCTIC STATION PLANNING MAP

STRATEGIC LOGISTICS & INFRASTRUCTURE LAYOUT

PROJECT ID: AS-2024-OMEGA
CLASSIFICATION: RESTRICTED

SITE TOPOGRAPHY / MODULE PLACEMENT GRID

Coordinates	7506â€²S 12319â€²E
Elevation	3,233m AMSL
Mean Temp	-54.5C
Max Wind	120 kt
Foundation	Blue Ice / Permafrost
Occupancy	12 Winter / 40 Summer

Primary Core

- Command & Comms
- Medical Bay (Level 2)
- Biosphere/Hydroponics
- Galley & Mess Hall

Power & Life Support

- Dual Diesel Generators
- Solar/Wind Array
- Water Melt Recovery
- Waste Treatment

Scientific Labs

- Seismology Vault
- Meteorology Tower
- Glaciology Workshop
- Clean Room (A-1)

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