

Arches Focus Group Survey: Areas of Interest for the South Pole Station Master Plan (SPSMP)

Please indicate the level of importance of each concern identified by your focus group as it relates to the future of the South Pole Station (your personal opinion). Participation in this focus group is voluntary, and should take about 15 minutes to complete.

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[Scale from 1 (Least Important) – 10 (Most Important) will be provided below each line item in SurveyMonkey.]

Evaluate Arches burial at construction (starting life below grade) or surface building options and alternatives (includes conceptual design & siting possibilities)
Address urgency of snow load on Arches structural integrity, including fuel Arch
Address urgency of floor doming & buckling (deflection) on buildings within Arches
Address urgency of Vertical & Horizontal Differential Movement stress on Arches structural integrity
Address urgency of differential snow loading, snow drift, and ice fall issues on Arches Face/End Wall/Bulk Head
Address urgency of age and lifespan of existing Arches construction
Evaluate Arches Utility installation method, placement, and maintenance method options
Address urgency of Arches Ventilation issues
Rightsize Arches relative to uses (includes conceptual design & siting possibilities)
Evaluate Arches Maintenance procedures & options.
Evaluate the future Arches functional alternatives & options (includes conceptual design & siting possibilities)
Evaluate the location of the Power Plant within the Arches (includes conceptual design & siting possibilities)
Plan for a Standardized Monitoring Method & Yearly Reporting for Arches movement and conditions