Silicon Valley Architectural Project & Specifier Pack

Private estates • architect-led outdoor spaces • private observatories • dedicated entertainment systems

Edition: November 2026 | Market: Atherton, Woodside, Los Altos Hills, Palo Alto, Menlo Park and surrounding Bay Area communities.

A practical early-stage specification and procurement guide for property owners, architects, landscape designers, owners' representatives and appointed local contractors. This is a product-selection document, not an engineering design, tender approval, certified performance declaration or quotation.

Purpose and supply responsibilities

Apollo NZ Global supplies eligible manufactured systems and the associated available product information on a project-by-project basis. Apollo does not carry out California site visits, measurements, installation, engineering, permitting, commissioning or statutory approvals. The buyer appoints qualified local professionals for these functions. No blanket US or California product compliance is asserted.

A concise system selection overview

Brand / pathway	Design purpose	Initial questions
ARKEN Architectural Louvre Systems	Bespoke motorised rotating and retractable louvre roofs; large-span and integrated perimeter arrangements.	What roof motion is needed? What are the clear spans, headroom, drainage and supporting interfaces?
ASTRAVYR Observatory & Celestial Systems	Private observatory domes, all-sky enclosures and roll-off roof options.	What is the observing purpose, telescope, horizon, vibration, power and opening strategy?
VELTHORN Private Cinema	Dedicated private cinema/theatre system procurement.	What room geometry, acoustics, cooling, screen and controls are planned?
FÍSVOR / VELARIS / SVALDR	Outdoor displays, privacy/sun screens and architectural steel elements.	What site exposure, dimensions, finish and model-specific evidence are required?

System links and current documents should be requested for a specifically identified model or configuration. Generic range descriptions must not be treated as specifications for any single product.

ARKEN — operable roof specification checklist

• Geometry: dimensioned width × projection, finished heights, column positions, bay strategy, adjacent doors/glazing and setbacks.

• Roof operation: rotating, retracting, rotate + retract, inset retrofit or larger-span configuration; desired open-sky proportion.

• Support and weather: intended substrate and existing structure, known wind criteria, rainfall drainage, downpipe locations and thermal expansion.

• Interfaces: perimeter glazing, blinds, lighting, sensors, controls, local electrical supply, safe access and maintenance.

• Evidence request: model identification, drawings where available, component material/finish, motor information, verified performance evidence and installation instructions for local consultant review.

Design hold point: Do not assume that a planning span, example image or supplier reference equals an approved span for the actual California property. Final loads, connections, drainage, seismic interfaces and local approval route require project-specific assessment.

ASTRAVYR — private observatory checklist

• Observing programme: visual, astrophotography, automated use or teaching; expected telescope and instrument envelopes.

• Site conditions: horizon obstructions, light pollution, night use, access, security, moisture, wind, rain and maintenance.

• Structure: dome versus roll-off roof, independent telescope pier, vibrations, opening clearances, protection and emergency operation.

• Services: power, networking, cable routing, automation, ventilation and condensation management.

• Evidence: model-specific dimensions, drawings, drive/shutter details, documented environmental limits and control integration requirements.

Design hold point: California structural, earthquake, electrical and permit requirements remain for local designers and authorities. Telescope compatibility, dome aperture and required safe operating wind condition must be validated together.

California destination review

Decision	Responsible lead	Evidence or action
System selection and available product documents	Apollo / manufacturer	Exact model, configuration, controlled drawings and current product records.
Site measures and interfaces	Local architect / contractor	Survey, site photographs, support geometry, services, drainage and access.
Structural, seismic, wind and wildfire requirements	Local licensed team / authority	Determine applicable project standards and local permitting pathway; validate with model-specific evidence.
US electrical listing and installation	Local qualified electrical team	Check whether selected components and installation approach meet applicable local requirements.
Importer, freight, customs and delivery	Buyer / agreed logistics parties	Confirm commercial terms, importer of record, receiving ZIP and delivery constraints.
Installation, testing and acceptance	Appointed local contractors	Project-specific inspection, acceptance and maintenance records.

What is needed before a firm quotation

A project quote requires a sufficiently defined model or outcome, proposed sizes, quantity, destination and ZIP code, configuration/finish details, delivery basis, documentary requirements and procurement timing. Unconfirmed selections remain subject to clarification; no automated price is published.

Documents to request, where available

Model-specific product technical sheet; configuration drawing or dimension schedule; materials/finish information; installation and maintenance instructions; motor/electrical requirements where relevant; documented test reports or certificates applicable to the selected product. Not every document is available for every model. Any claim must be independently matched to that exact product and use.

Silicon Valley estate project — initial request

Project name / organisation: _____

Project contact and role: _____

Property city and ZIP code: _____

Primary system(s) / preferred brand: _____

Project type (new-build / renovation / retrofit):

_____

Approximate dimensions and quantities: _____

Mounting, support, access and site exposure: _____

Desired materials, finishes and controls: _____

Local architect / engineer / installer appointed?:

_____

Required evidence / approval questions: _____

Target procurement and receiving date: _____

Drawings, site photos and file references: _____

Enquiry and technical submission

Start a project quotation: https://apollonzglobal.com/global-projects/usa/silicon-valley

Submit drawings and project documents: https://apollonzglobal.com/project-upload

Architects & Specifiers Centre: https://apollonzglobal.com/architects-specifiers

Contact: sales@apollonzglobal.com

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