Sikh National Center, Inc.

Our Project

The Gurdwara is the first phase of a master-planned, 20-acre campus. These are the plans, drawings and renderings that took it from concept to reality.

Project data

20 acres
Master-planned site

37,500 ft²
Gurdwara, phase one

180 cars
Parking in phase one

460 cars
Parking at full master plan

Master plan buildings

Gurdwara	Phase 1 (complete)
Site maintenance building	Existing
School buildings	Future
Library and museum	Future
School boarding house	Future
Auditorium	Future
Head Granthi house	Future

Building areas

Building overall	37,500 ft²
Ground level	22,100 ft²
Second level	15,400 ft²

Ground level

School	4,070 ft²
Langar Hall	4,300 ft²
Kitchen facilities	2,600 ft²

Guest boarding house	Future

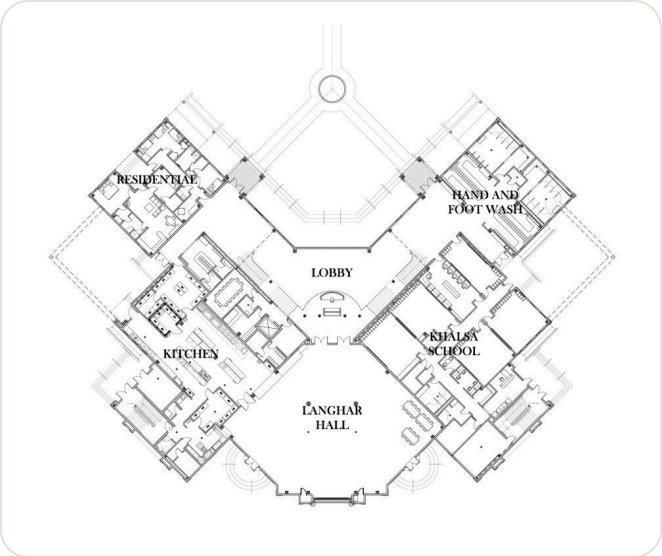
Site features

Pedestrian plaza at the Gurdwara	Phase 1
Covered outdoor basketball court	Phase 1
Retention ponds	Phase 1
Landscaped quadrangle	Partial
Sports fields	Partial
18-wheeler turnaround	Future
Site loop drive	Future

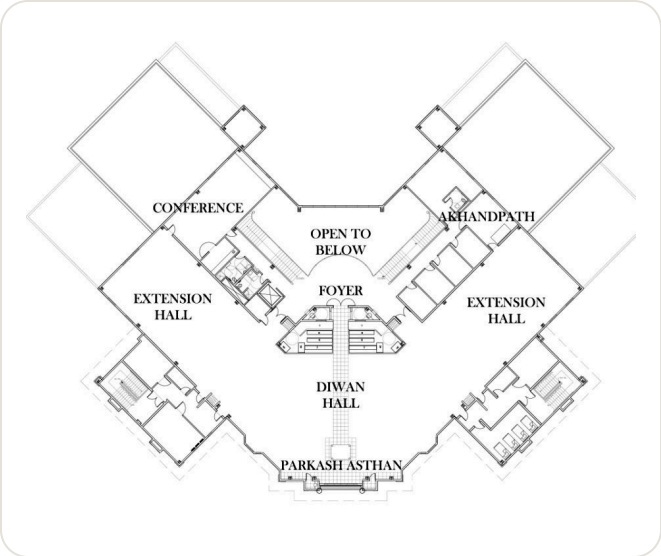
Second level

Main hall	4,500 ft²
Side hall east	2,350 ft²
Side hall west	2,350 ft²
Akhand Paath room	270 ft²
Private Akhand Paath	130 ft²
Private sleeping rooms	260 ft²
Granthi office	120 ft²
Sukhasan and rumalla room	390 ft²
Baby quiet room	460 ft²
Large conference room	865 ft²
Conference coffee room	100 ft²
Granthi apartment (2 bedrooms)	950 ft²
Guest dorm (3 beds)	300 ft²
Single apartment	160 ft²
Small conference room / senior lounge	260 ft²
Medical exam room	200 ft²
Building management office	210 ft²

Floor plans

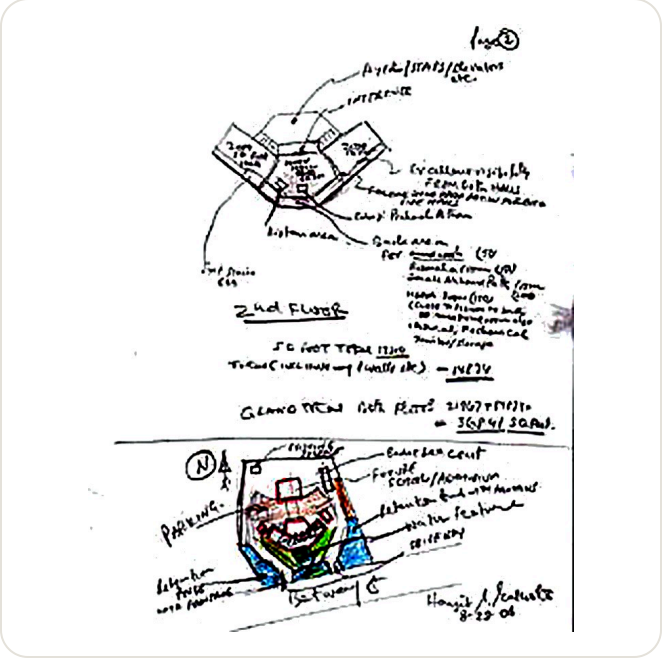


First floor: lobby, Langar Hall, kitchen and school

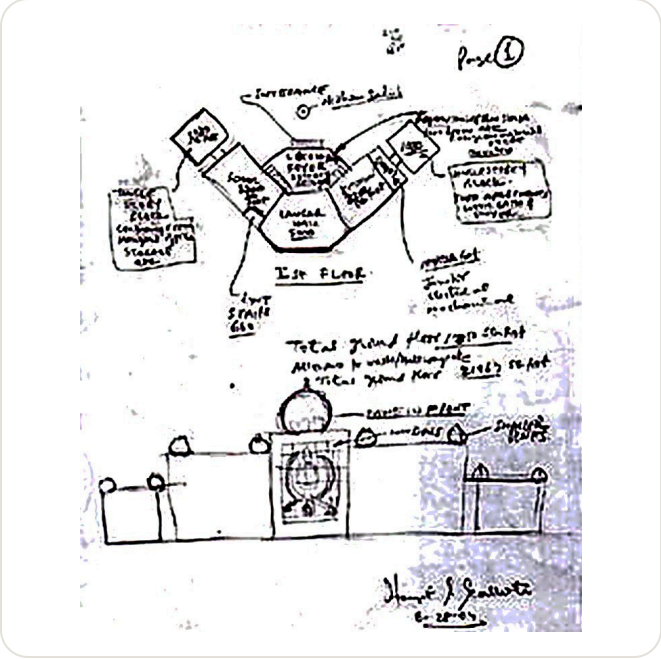


Second floor: Diwan Hall, extension halls, Akhand Paath and conference room

Early blueprints



Early hand sketch of the site and building

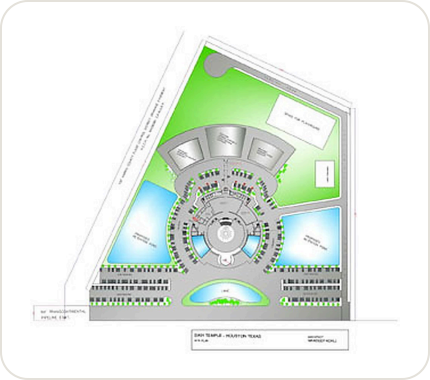


Early hand sketch of the halls and front

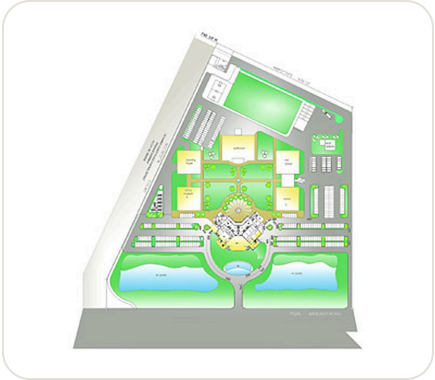
Concept to reality

Phase one of the SNC project provided a Gurdwara of 37,500 gross square feet with parking for the sangat. Future phases are to include school buildings for K-12, a museum and library, an auditorium and multi-purpose hall, a home for the Head Granthi, guest apartments, a boarding house for students, and more site work, including a sports field.

Phase one site work includes plaza paving and landscaping, retention ponds and a concrete parking lot. A large pedestrian plaza and fountain link the Gurdwara to a landscaped quadrangle around which all future buildings will be organized. The plaza and fountain are a gathering place for the sangat before and after services.



Master site plan

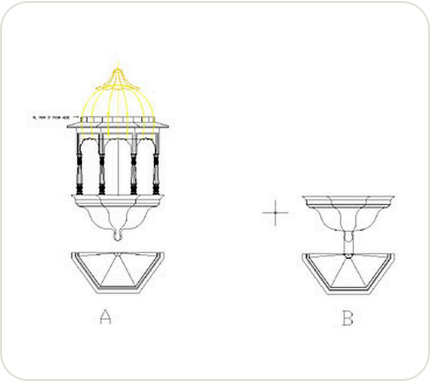


Site plan with the quadrangle and ponds



Aerial view of the master plan

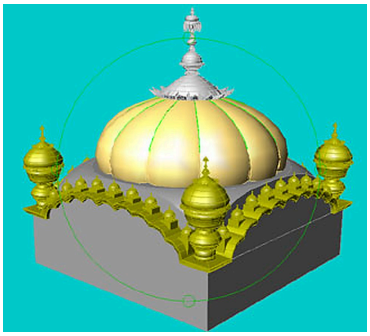
The Gurdwara’s exterior draws on Sri Harmandir Sahib (the Golden Temple), with domes and adornments similar in geometry and proportion. The building is clad in cement stucco with stone accents. The Nishan Sahib stands in the landscaped quadrangle, on axis with the Gurdwara’s entrance, so that it overlooks the Gurdwara and every building planned for the campus.



Chhatri (kiosk) drawings



Chhatri model



Main dome and corner chhatris

The floor plan is unique among Gurdwaras. The second-floor religious halls convert easily into different layouts for different services. The 4,500 ft² main hall has a dramatic open dome above the Parkash Asthan, and the two 2,350 ft² side halls can be closed off for private services. The main hall has accessible seating for elders and visitors with disabilities, and the halls have screens for the English translation of Gurbani.



Front elevation

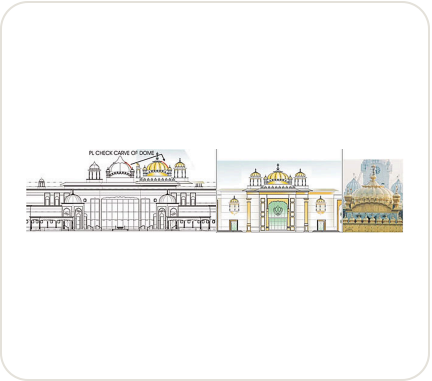


Front elevation, wide view

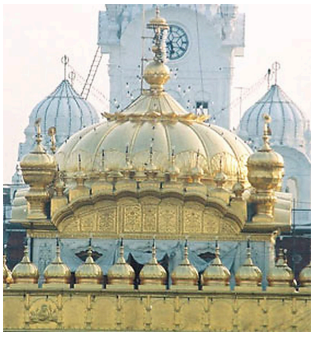


Front elevation, angled view

A private 270 ft² room is set aside for Akhand Paath, the continuous cover-to-cover reading of Sri Guru Granth Sahib. Because an Akhand Paath takes about 48 hours, the second floor also has two private sleeping rooms and restrooms with showers for the paathis. An 800 ft² conference room with a break room serves community meetings and small gatherings.



Elevation drawings and the dome



Dome detail

Project team

Architects

PGAL
Architect of record

Mandeep Singh Kohli, Kohli Design
Design architect

Owner representatives

Dr. Hardam Azad	President, SNC
Harjit Singh Galhotra	Project Manager
Mr. Jolly	School Representative

Engineers and consultants

Walter P. Moore
Structural: Muhammad Cheema, P.E.; Stephen Hegyesi

PGAL design team

Michael Lloyd, AIA
Principal in Charge

David Andrews, AIA
Consulting Senior Principal

San Huynh, Tabitha Ponte, Juan Giraldo, Rick Kremer, Stephen Cheng
Design team

Henry Edwards
Kitchen designer

B.D.M.I. Consulting Engineers

Mechanical, electrical, plumbing: James Angelle, James Lee, Greg Rickert, David Sullivan

Clark Condon

Landscape: Sheila Condon, Matt Funk

A&S

Civil: Jim Ainsworth, P.E.; Ross Palacios

The final structure



The Gurdwara opened on April 26, 2025. Sikh National Center, Inc. · 7500 N Sam Houston Pkwy W, Houston, TX 77064 · (281) 894-8484 · sikhnationalcenter.org