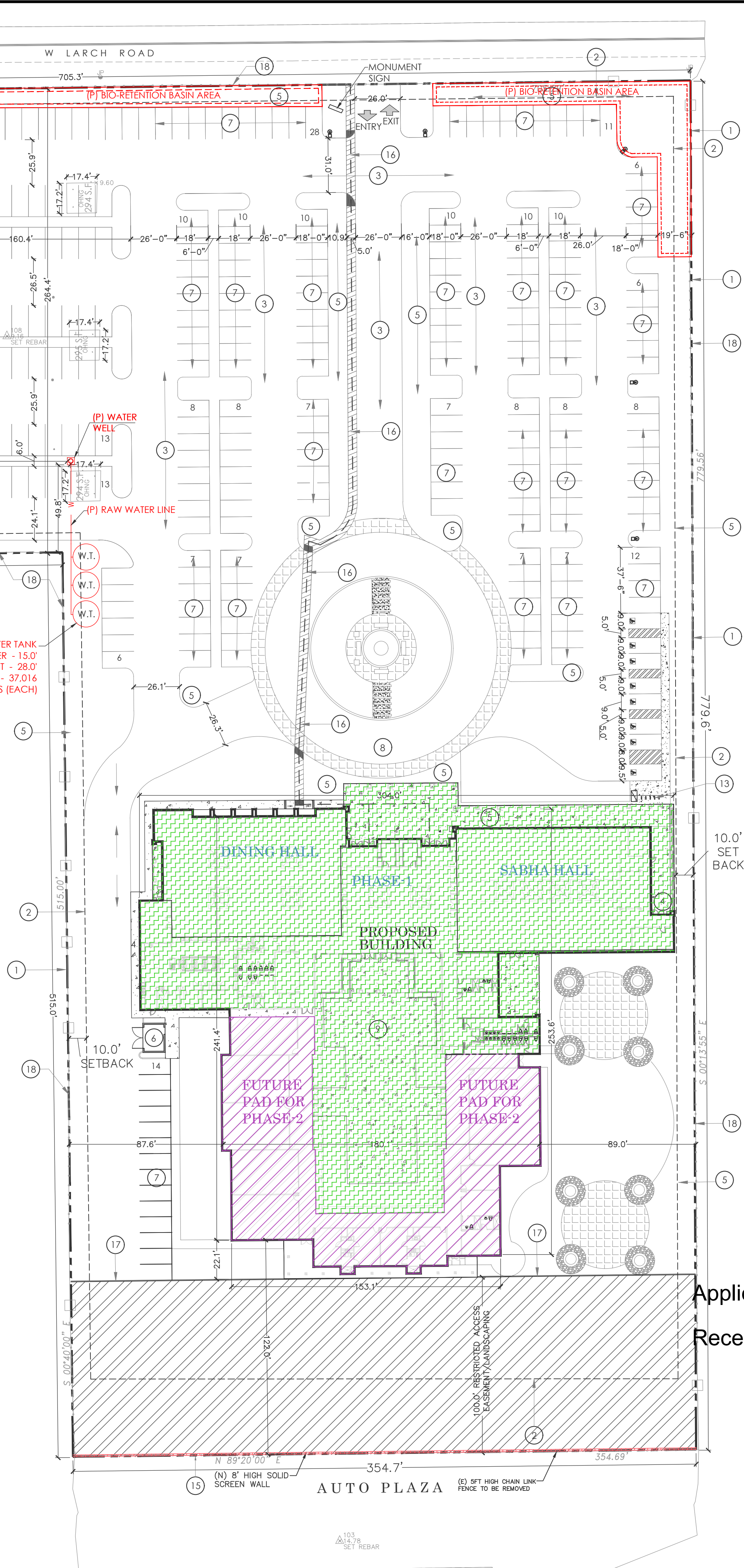


Fire Flow Calculation - Sikh Temple (30 Minute Storage)		Volume in CFT	Number of Tanks provided	Volume of each Tank in CFT	Dia of Each Tank in Ft	Height of each Tank in Ft
Gross Area of building	51226 SFT					
Building Type	V A					
Fire Flow Required	4250 GPM					
Flow Duration	4 hours					
Automatic Fire Sprinkler System	Yes					
Required Fire Flow Considering 50% reduction due to Sprinkler system	2125 GPM					
Storage Required for	2125 GPM					
Storage Volume - considering 0.50 hour storage	63,750 Gallon					
Add 0.5 day Storage for Domestic Use including Irrigation	7,500 Gallon					
Total Required Storage	71,250 Gallon					
Required Fire Flow Considering flow reduced to 25% due to Sprinkler system	1062.5 GPM					
Storage Required for Sprinkler system	1062.5 GPM					
Storage Volume - considering 0.50 hour storage for Sprinkler system	31,875 Gallon					
Total Required Storage	104,188 Gallon	13,927	3	4,642.32	14.5	28.00



VICINITY MAP:
N.T.S.



LEGEND :

	PROPERTY LINE
	BLDG LINE
	SETBACK LINE
	WATER TANK
	ACCESSIBLE ROUTE/AISLE
	(E) WELL
	(N) 8' HIGH SOLID SCREEN WALL
	PHASE-1
	PHASE-2
	BIO-RETENTION AREA
	LEACH FIELD AREA
	WATER LINE

KEYNOTES

- PROPERTY LINE
- PROPERTY SETBACK LINE
- NEW A/C PAVED DRIVEWAY
- CONCRETE SIDEWALK
- LANDSCAPING
- TRASH ENCLOSURE
- CAR PARKING STALLS
- DROP OFF/PICKUP
- COURTYARD
- BIO RETENTION PLANTER
- EXTERIOR POLE
- HANDICAP RAMP
- BICYCLE RACK AND LOCKER (TOTAL OF 12 BICYCLES)
- EXISTING STRUCTURE TO BE REMOVED
- SOLID SCREEN WALL
- 5'-0" WIDE ACCESSIBLE ROUTE
- A-TYPE CURB
- (E) 5FT HIGH CHAIN LINK FENCE

SUMMARY OF PHASES

PHASE-1	PHASE-2
LOBBY	FUTURE CLASSROOM
SABHA HALL	HALLWAY
DINING HALL	FUTURE PRAYER HALL
STORAGE	FUTURE OFFICE
WASH AREA	FUTURE GUEST RM.
UTENSIL STOR.	FUTURE PRIEST RM.
DRY PANTRY	COVERED WALKWAY
WALK-IN COOLER	
WOMEN'S RESTROOM	
MEN'S RESTROOM	
OFFICE	
KITCHEN	
STORAGE	
VESTIBULE	
JANITOR RM.	
MEETING ROOM	
COVERED PATIO	
GROOM'S RM.	
BRIDE'S RM.	
SHOE RM.	
HALLWAY	

REVISED SITE PLAN

Application # **PA-1900085**

Received By **AG** On **11/27/2024**

PROJECT DATA

- PROJECT NAME: SIKH TEMPLE
- PROJECT LOCATION: GURUDWARA SAHIB TRACY
21356 NAGLEE ROAD
TRACY, CA 95304
- ASSESSOR'S PARCEL NUMBER: 212-050-01
- ZONING: RE (RESIDENTIAL ESTATE ZONE)
- LAND USE DESCRIPTION: RURAL RESIDENCE-1
- JURISDICTION: TRACY, CA
- CONSTRUCTION TYPE: VA
- BUILDING CODES: 2022 CALIFORNIA BUILDING CODE,
2022 CALIFORNIA PLUMBING CODE,
2022 CALIFORNIA MECHANICAL CODE,
2022 CALIFORNIA ELECTRICAL CODE,
2022 CALIFORNIA FIRE CODE,
2022 CALIFORNIA ENERGY CODE,
AKA ENERGY EFFICIENCY STANDARDS (EES)

BUILDING INFORMATION DATA (2022 CBC)

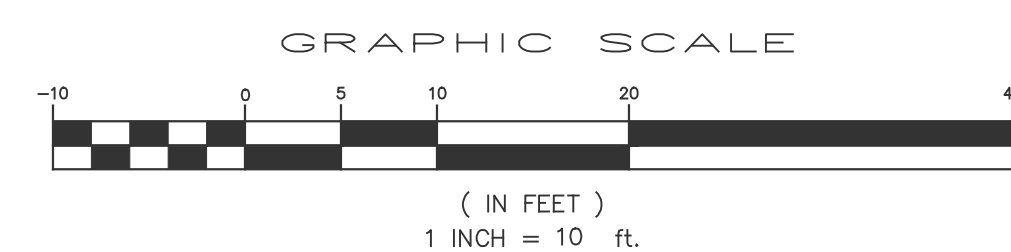
- OCCUPANCY GROUP: A3-WORSHIP (PROPOSED)
A2-DINING HALL
NON-SEPARATED OCCUPANCIES
PLACE OF RELIGIOUS WORSHIP
- FIRE SPRINKLERS: YES (NFPA-13 COMPLYING
PER 903.3.1.1)
ALLOWABLE: 70'-0" (TOP OF TOWER) AS PER
504.3 EXCEP.
50' (TABLE 504.3)
52'-0" (TOP OF DOME)
28'-6" (TOP OF PARAPET)
- STORIES: 2 (TABLE 504.4)
ALLOWABLE: 1
- EXIT: REQUIRED: 4 (SEC. 1006.3.1)
PROVIDED: 13 (REFER FLOOR PLANS)
- REQUIRED FIRE RESISTANCE OF EXTERIOR WALLS AND PROTECTION OF OPENINGS DUE TO LOCATION ON PROPERTY: NO
- FIRE RESISTIVE CONSTRUCTION REQUIREMENTS: YES
- SPECIAL INSPECTIONS REQUIRED: YES
- BUILDING AREA: 51353 S.F.
BUILDING AREA: 51353 S.F.
PORCH & WALKWAY AREA: 6235 S.F.
GROSS AREA: 57588 S.F.
- LOT COVERAGE: 369966 S.F. (8.49 AC)
TOTAL SITE AREA: 369966 S.F. (8.49 AC)
ALL PHASES BLDG FOOTPRINT: 57588 S.F. (15.56%)
PROVIDED LANDSCAPE AREA: 126145 S.F. (34.09%)
PROVIDED PAVED AREA: 186233 S.F. (50.34%)
PHASE AREA BREAKDOWN:
PHASE 1 AREA: 34439 S.F.
PHASE 2 AREA: 13818 S.F.
COURTYARD: 9331 S.F.
GROSS AREA: 57588 S.F.
BUILDING AREA BREAKDOWN:
FUTURE PRIEST RM.: 1765 S.F.
FUTURE GUEST RM.: 782 S.F.
FUTURE OFFICE: 295+313 = 608 S.F.
FUTURE PRAYER HALL: 2170 S.F.
FUTURE CLASS ROOM: 4856 S.F.
PORCH & WALKWAY & PATIO: 6235 S.F.
BRIDE'S RM. & GROOM'S RM.: 834 S.F.
MEETING ROOM: 646 S.F.
HALLWAY: 4558 S.F.
DINING HALL: 7040 S.F.
LOBBY: 3546 S.F.
SABHA HALL (ASSEMBLY): 7466 S.F.
PUBLIC RESTROOM: 850+974 = 1824 S.F.
KITCHEN: 2175 S.F.
SHOE RM.: 165+165 S.F.
STORAGE: 308+188+51+400 = 947 S.F.
MISCELLANEOUS: 2475 S.F.
NOTE: USE TYPE FOR THE INDIVIDUAL ROOMS HAVE BEEN MENTIONED ON A1.0 SHEET.

PARKING ANALYSIS:

- 1 SPACE/60 @ ASSEMBLY GROSS FLOOR AREA 7466 SQ.FT. = 124 SPACES
(IN SIKH TEMPLE, PERSON COMING IN PRAYER HALL GO TO DINING AREA. IN DINING AREA THERE WILL NOT BE SEPARATE OCCUPANCY)
- TOTAL PARKING REQUIRED = 124 SPACES
TOTAL PARKING PROVIDED = 365 SPACES
TOTAL ACCESSIBLE PARKING REQUIRED: 5 SPACES
TOTAL ACCESSIBLE PARKING PROVIDED: 8 SPACES

DRAWINGS INDEX

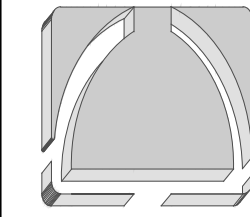
SHEET NO.	SHEET TITLES
A1.0.0	SITE PLAN
A1.1.0	FIRST FLOOR PLAN (BLDG A)
A2.0.0	EXTERIOR ELEVATIONS
A2.1.0	EXTERIOR ELEVATIONS
A5.0.0	ROOF PLAN
LANDSCAPE	
L1.0.0	LANDSCAPE PLAN



REVISIONS:	DATED
1	

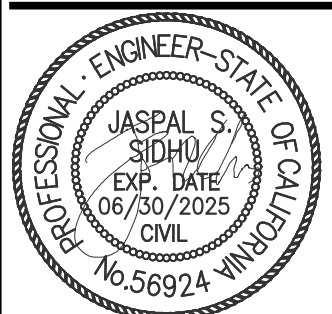
ACE Design LLC

1024 Iron Point Road, Suite 1046
Folsom, CA 95630
Phone: (707) 396-5113, Fax: (707) 446-8155



SITE PLAN
GURUDWARA SAHIB TRACY
21356 NAGLEE ROAD
TRACY, CA 95304

PROJECT



DATE: 10/23/2023
JOB: 22-46
DWG. BY: HS
CHK. BY: MG

A1.0.0
SHEET
1 OF 5