

B.ARCH. SEM – VII (2010 COURSE) : WINTER - 2018

SUBJECT: ARCHITECTURAL DESIGN - VII

Monday
26/11/2018 To
Wednesday
28/11/2018

10.00 AM TO 04.00 PM
Time: (Without Break First Day)
10.00 AM TO 05.00 PM
(Break 01.00 PM TO 02.00 PM)

W-2018-3467

MAX MARKS: 200

N.B.:

- 1) You design proposal shall be evaluated as a whole.
- 2) First day's sketch to be submitted at the end of 6th hour. These drawings shall not be returned to the candidates; therefore a due record of the same should be retained for subsequent days.
- 3) Major deviation from the First day sketch shall not be accepted.
- 4) Assume suitable data if necessary.
- 5) The drawings should be explanatory with structural scheme and should have clarity in the plans and sections.

AHMEDABAD CITY MUSEUM

PREAMBLE:

The city of Ahmedabad is an ancient city charting a history over more than seven centuries. It is currently also being considered for nomination to the World Heritage List. The city boasts of a number of historical sites and buildings that are reminders of its multi-layered past. In a way, the city itself is a museum of its own history!

Nevertheless, the State government of Gujrat has proposed an ambitious project to build a City Museum for Ahmedabad to commemorate the city's past and at the same time inspire the city's future. It is to be located on the newly reclaimed land on the banks of the river Sabarmati as a part of the river development project. The site thus looks over the river and sits at a location on the newer side of Ahmedabad town facing the historic city. It is thus a part of the city life that happens around it and is expected to become a cultural venue for the citizens of Ahmedabad.

The museum is intended to be a modern interpretation of the role of museums for its visitors. It should depart from its usual form of an eclectic collection of artefacts stored in showcases. It is intended to be interactive, educative and entertaining through the use of multimedia, digital technology and state of the art communication methods.

The museum building itself is intended to be representative of the new age Ahmedabad keeping its age old spirit. The architecture of Ahmedabad across ages has evolved from its challenging hot and dry climate and the museum should attempt to use this design driver to evolve its contemporary expression.

P. T. O.

1. SPACE PROGRAM:

SPACE	USERS	CARPET Area (sq m)
ADMINISTRATION		
Office	3 clerks, 1 accountant	20
Facilities Manager	1	15
Facilities Staff (Technical)	3	20
Curator	1	15
Curating assistants	2	20
Material conservator	1	15
History expert	1	15
Publication Dept	1 editor, 1 designer	20
Museum Director	1	15
PA to Director	1	5
Meeting room	10 persons	20
Consultant's room	2 consultants	20
PUBLIC AMENITIES		
Book and Souvenir shop		50
Mini theatre (screen and stage)	50 persons	75
Reference Library		75
Multipurpose Hall (Lectures, Conferences, demonstrations etc.)	100 persons	150
Display space for NGOs	5 NGOs	50
GALLERIES		
Gallery 1	Defining Moments	200
Gallery 2	The Physical City	200
Gallery 3	People and Society	100
Gallery 4	Economy	100
Gallery 5	Culture	200
Gallery 6	City today	200
Gallery 7	Future City	100
Gallery 8	Topical Display	100
RECREATION		
Cafeteria	100 persons	200
Public Open Area	Outside building	
SERVICES		Adequate & proportionate and as required per standards
Ticket and Booking office	3 persons	
Toilets, Janitor Rooms		
Electrical Rooms		
A/C Rooms		
Server Room		
Sound and Light Control Rooms		
Passenger and Service lifts		
Store and Maintenance Rooms		
Parking	Visitors 50 cars, 100 Scooters, 1 bus	
Security		
Adequate lobbies and circulation areas		

Design Parameters:

- i) Minimum side margins from all sides 6.0. or 50% of maximum height whichever is greater.
- ii) No height restriction.
- iii) Maximum ground coverage is 30% of the plot area.
- iv) Max 10% variation in space program areas permissible.

Drawings Required:

First Day:

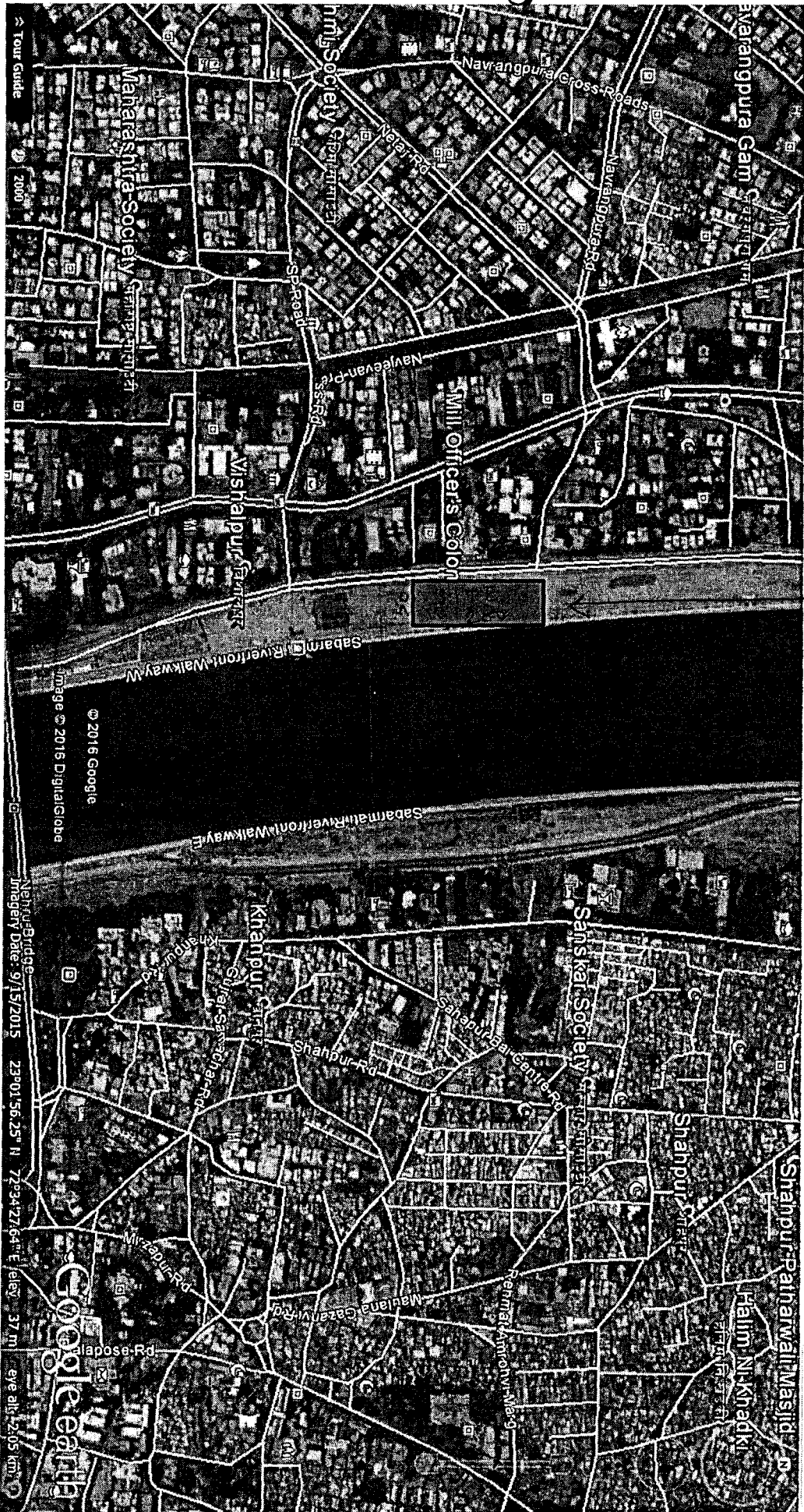
- i) Single line layout plans showing site, buildings, parking, driveways, pathways, landscaping etc. 1: 300
- ii) Single line plans at all levels 1: 200

Final Day:

- i) Layout plan showing site, building, parking driveways, pathways, landscape, services etc. 1: 200
- ii) Plans at all levels should be shown with internal layout 1: 200
- iii) Minimum two sections to explain the scheme 1: 200
Minimum one section to explain climatic response 1: 100
- iv) Minimum two elevations 1: 200
- v) A sketch perspective or bird's eye view 1: 200

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INDICATIVE LOCATION OF SITE Z



PROPOSED
SITE FOR
MUSEUM.

© 2016 Google
Image © 2016 DigitalGlobe

Shahpur Bridge
Imagery Date: 9/15/2015 23°01'56.25" N 72°39'47.64" E elev: 37 m eye alt: 2105 km

Google Earth



AHMEDABAD CITY.

1.5M FOOTPATH A

12M WIDE ROAD.

1.5M FOOTPATH

50 M

PROPOSED SITE FOR
AHMEDABAD CITY MUSEUM
(10,000 sqm)
(200 X 50) M

NO COMPOUND

200 M

RCC RETAINING WALL

6M WIDE UPPER PROMENADE

RCC RETAINING WALL

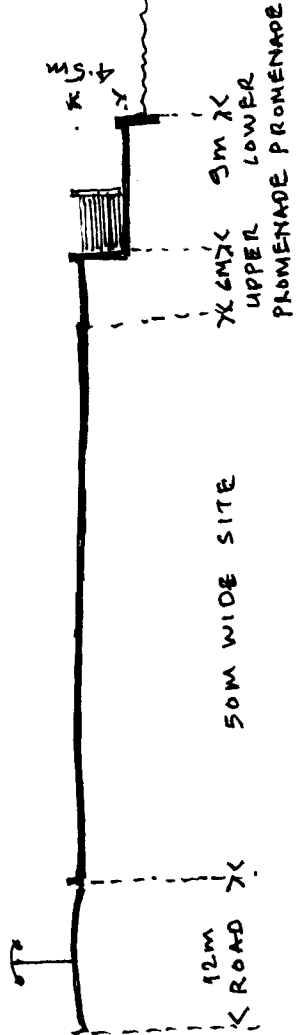
3M WIDE LOWER PROMENADE

A

150M WIDE RIVER

- 6000 (WATER LEVEL)

SITE PLAN.



150M WIDE RIVER

150M WIDE RIVER

SITE SEC AA

* DO NOT SCALE THE DRG.