

B.ARCH. SEM – VII (2010 COURSE) : SUMMER - 2018**10.00 AM TO 04.00 PM
(Without Break First Day)
10.00 AM TO 05.00 PM
(Break 01.00 PM TO 02.00
PM)****Wednesday
02/05/2018
To Friday
04/05/2018****SUBJECT: ARCHITECTURAL DESIGN - VII****S-2018-3327****Time:
Max Marks. 200****N.B.:**

- 1) The design will be evaluated as a whole.
- 2) Assume suitable data wherever necessary.
- 3) The candidate is to submit single line drawings of the site layout and floor plans at the scale specified at the end of first day. These sketches shall not be returned to the candidates. Therefore due record of the same should be kept for reference on the subsequent days. Candidates should refrain from making any serious deviation from the sketches submitted on First day.
- 4) The drawings should be self explanatory with structural clarity in drawing.

PRIMARY SCHOOL AT MAHAD

A primary school for boys is to be built on the outskirts of Mahad city. The climate of Mahad is hot-humid with high rainfall during monsoon season. The site for the school is quite undulating. The school building is proposed to be climate responsive.

The Space Requirements:

A. Academic		Numbers	Area in m²
	Classrooms Strength 50 Students	8	50
	Library	1	120
	a) Reading Hall	1	30
	b) Store	1	10
	c) Issue Counter	1	15
	d) Librarian Office		
	Computer Lab	1	50
	a) Computer Lab for 50 Computers		
	b) Store	1	20
	c) Incharge Cabin	1	15
	Multipurpose Hall	1	150
	Crafts Room	1	50
	Audio Visual Room	1	80
B. Other Facilities	Sick Room	1	30
	Counseling Rooms	3	10
C. Open Play Area	(Uncovered)	1	2000
D. Toilets for Students	Indian WCs.	8	Adequate
	Urinals	20	Adequate
	Wash hand basins	10	Adequate
	Washing place	4	Adequate
	Toilet for Handicapped Students	1	Adequate
E. Drinking Water Facility (space for coolers)		2	10

P.T.O.

F. Staff Areas	a) staff room for female teachers (10 teachers)		50
	b) Staff room for male teachers (10 teachers)		50
	c) Staff Conference Room	1	40
	d) Staff toilets Gents - 2wcs, 4 urinals , 2 washbasins Ladies - 2 wcs, 2 washbasins		Adequate
G. Principal's office	a) Principal's Office	1	20
	b) Waiting Room	1	10
H. Admin	a) Admin Office	1	50
	b) Registrar Office	1	15
	c) Store	1	20
	d) Furniture store	1	50
	e) Watchmen Cabin	1	4
I. Canteen for Staff	a) Dining	1	30
	b) Kitchen / Pantry	1	10
	c) Store	1	10
J. Students' drop off and pick up	a) Parking for 5 school buses		Adequate
	b) Drop off points	2	Adequate
	c) School bus regulator Office	1	20
	d) Drivers restrooms	1	20
	e) Toilet for drivers and security persons	2	Adequate
K. Parking for Visitors and Staff	Cars : 10 numbers Scooters : 25 numbers		

Design Parameters:

- 1) Minimum set back 6.0 meter from plot boundary.
- 2) Watchman cabin allowed in side- margin.
- 3) Necessary passages, staircases and lobbies etc. to be provided as per design standards.

Drawing Requirements:

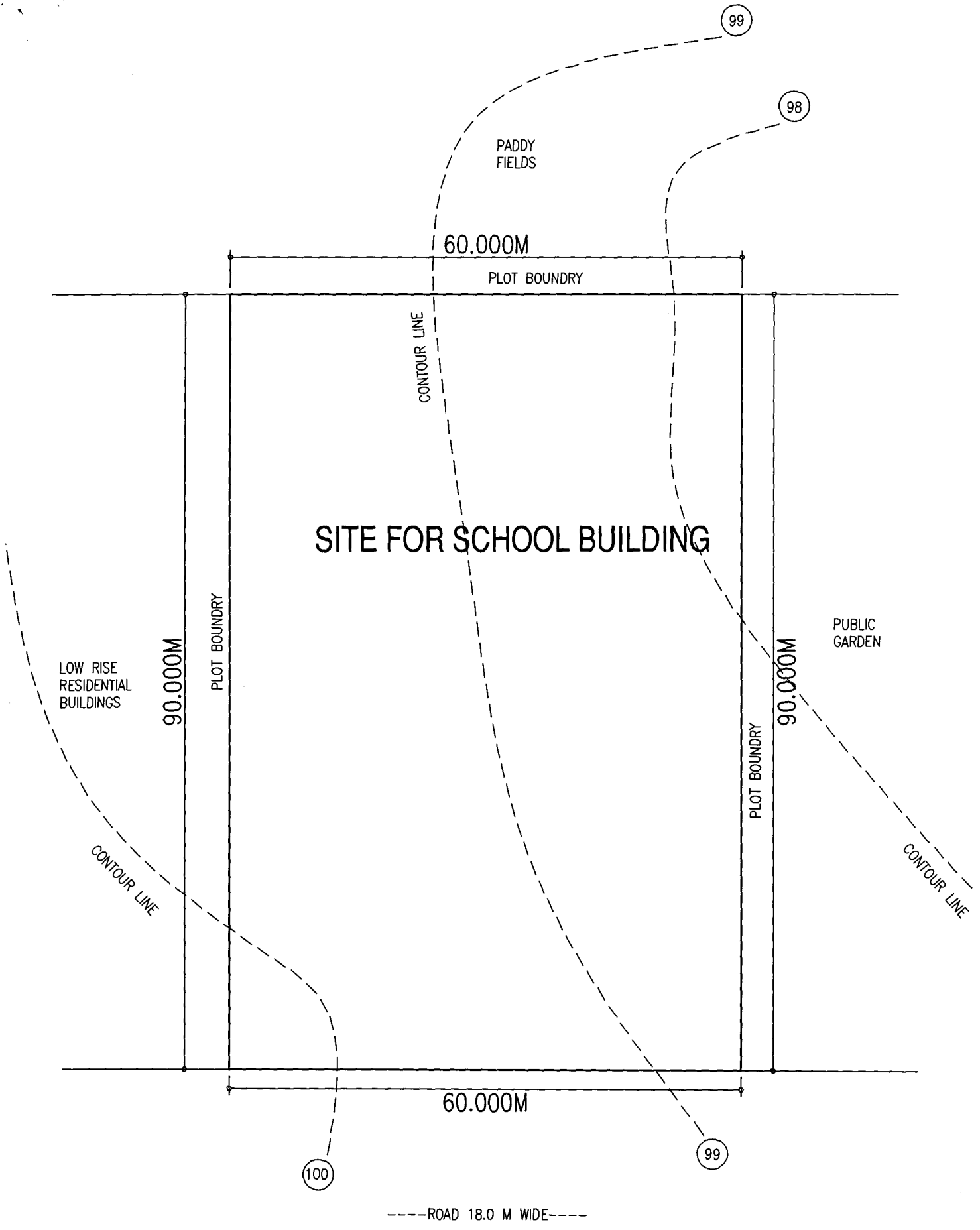
First Day:

1	Site plan showing building outline roads, parking etc.	Scale 1:200
2	Single line floor plans at all levels	Scale 1:100

Final Day:

1	Site plan and site section showing building block, roads, pathways, landscaping and compound wall.	Scale 1:200
2	Floor plans at all levels with furniture layout.	Scale 1:100
3	Two sections passing through at list one staircase and toilet.	Scale 1:100
4	Elevations 2 numbers	Scale 1:100
5	Minimum one view	

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SITE PLAN

