

BASIC REQUIREMENTS FOR FIRE FIGHTING INSTALLATIONS AS PER NBC 2008

(1.0) FOR MERCHANTILE BUILDING

(0) Less Than 15 m of Height (Ground + one Story), Wh Total Covered Area Not Exceeding 500 M²

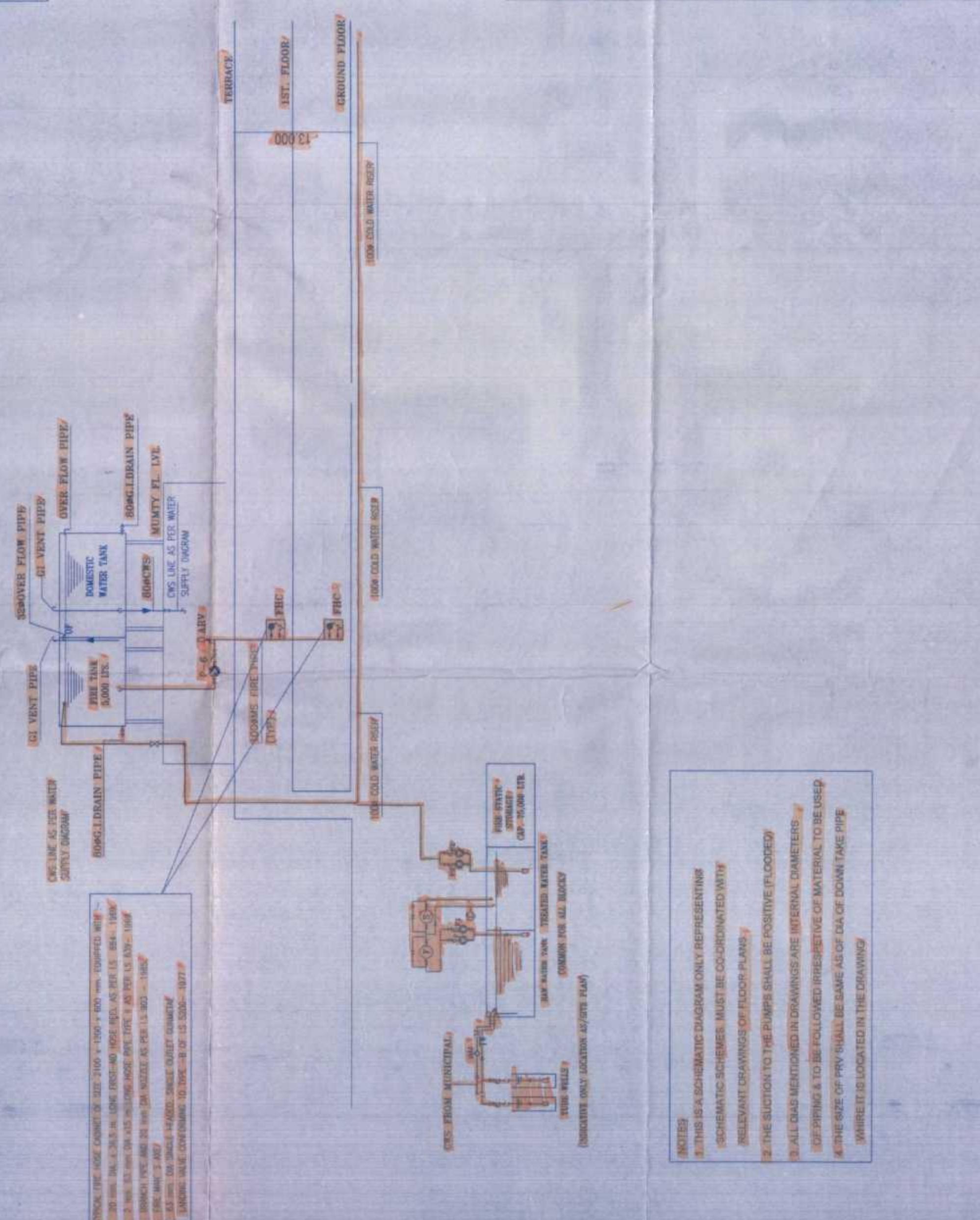
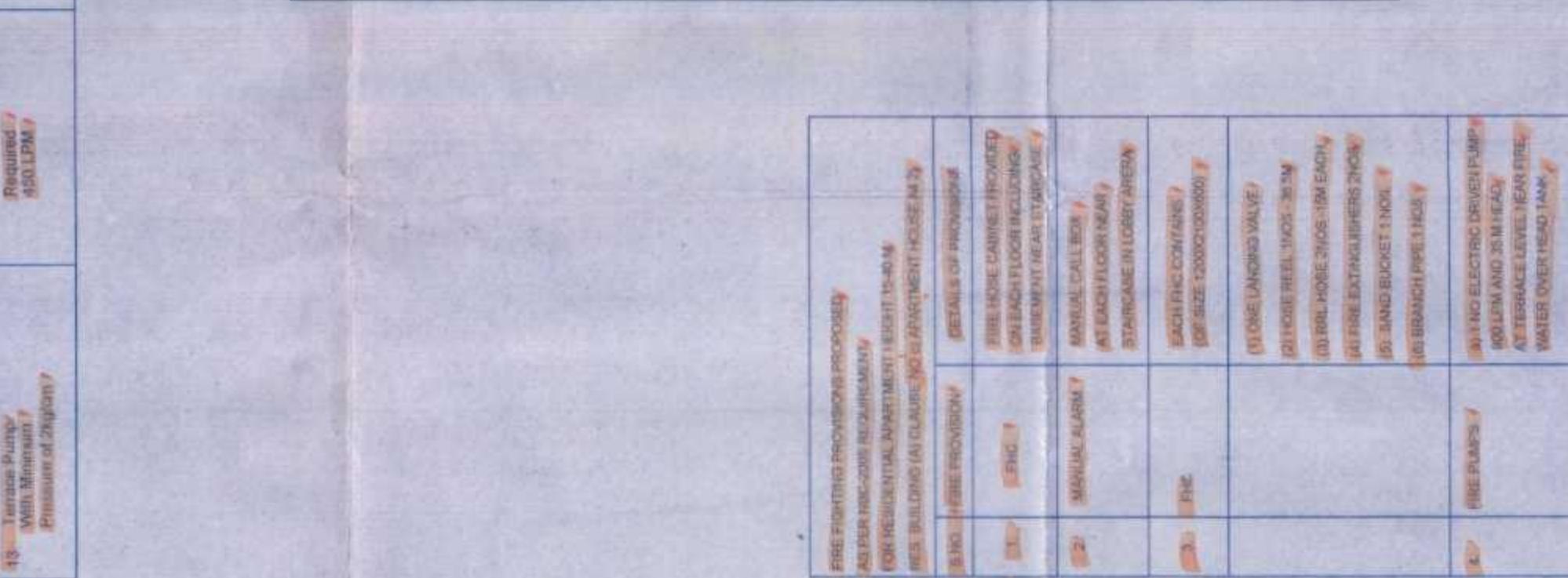
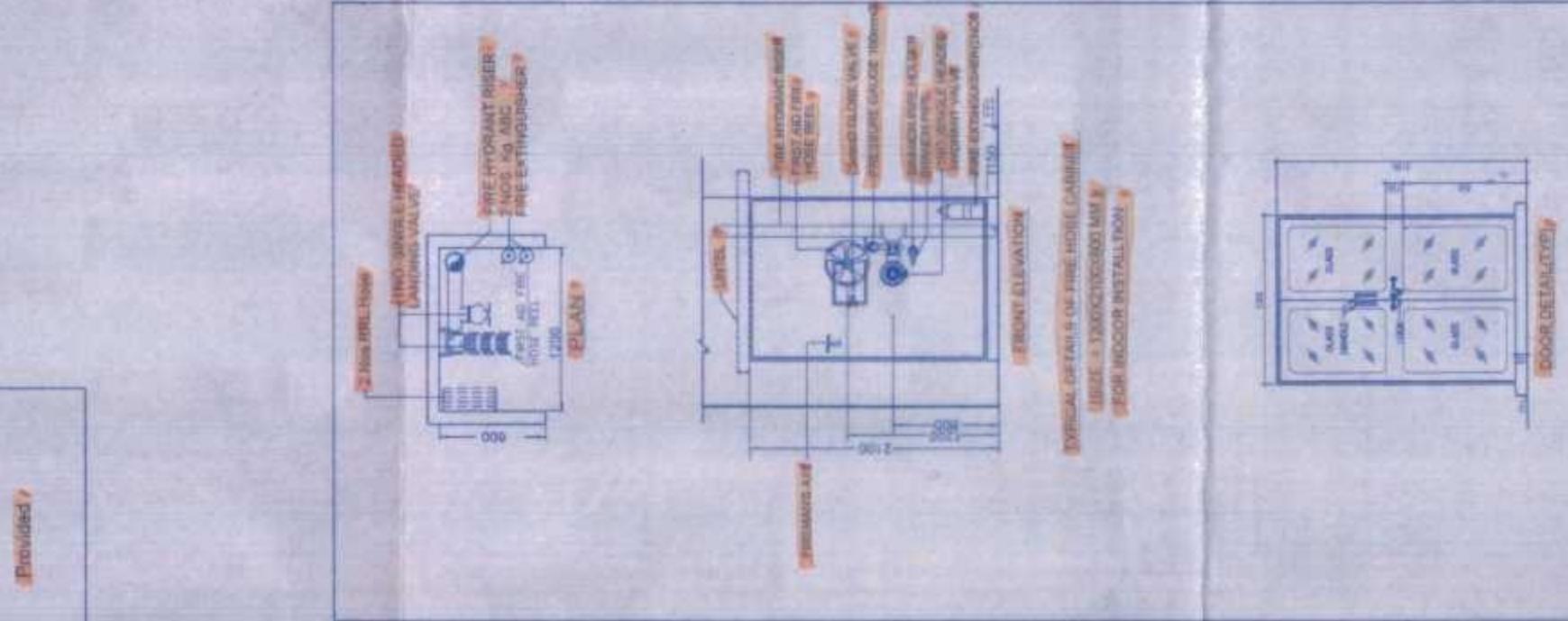
Planned height of building = 6000 mm

AIR FORCE NEVEL HOUSING BOARD AT SECTOR 4B (PART) MEERUT

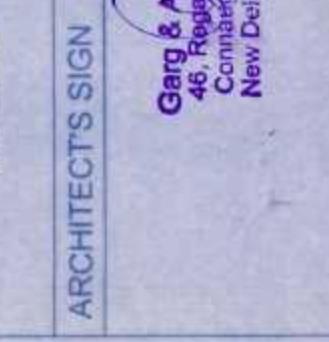
1.0 of installation

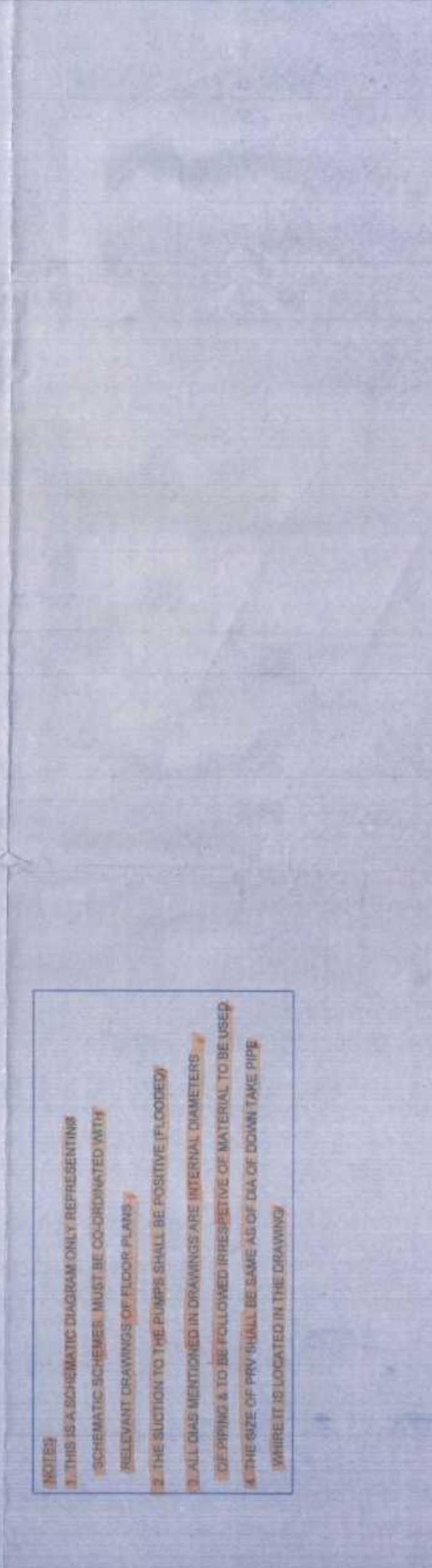
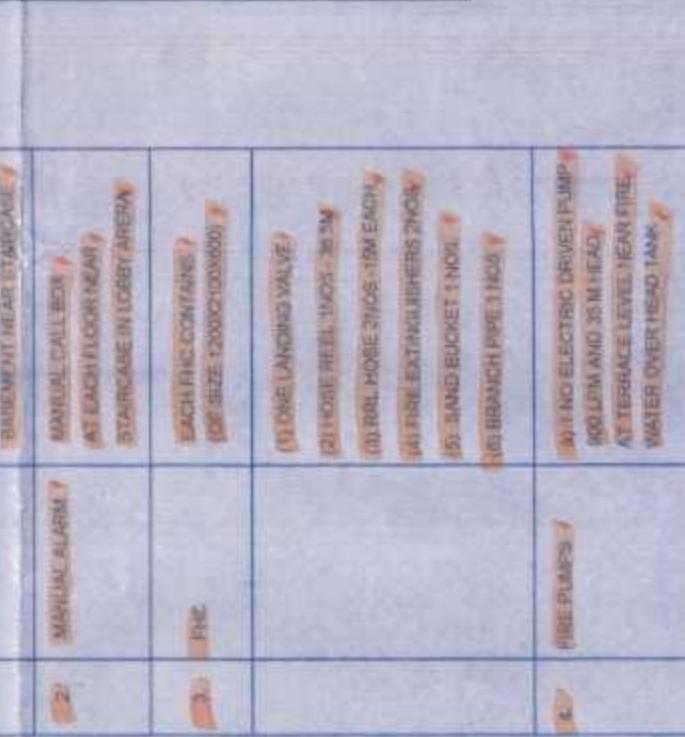
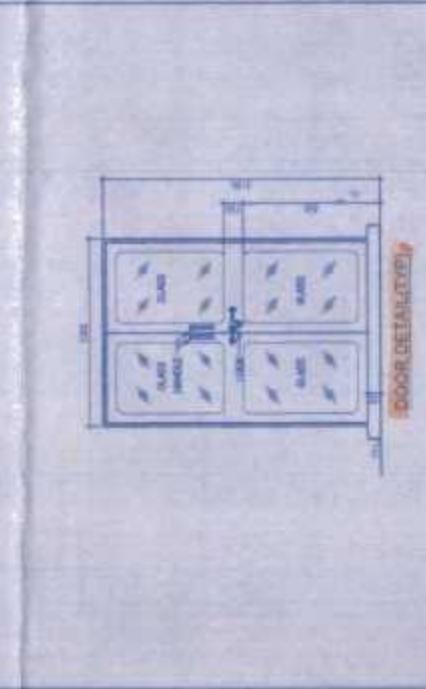
Requirement as per NBC	Provisions in the building
1. Fire Extinguisher	Provided
2. Hose Reel	Provided
3. Dry Riser	Required ✓
4. Wet Risers	NOT Required ✓
5. Down Caster	Provided
6. Yard Hydrant	NOT Required ✓
7. Automatic Sprinkler System	NOT Required
8. Manually Operated Electric Fire Alarm System	NOT Required ✓
9. Automatic Detection and Alarm System	NOT Required ✓
10. Underground Static Water Storage Tank	NOT Required
11. Terrace Tank	Required 6000 litres ✓
12. Pump House Underground Static Water Storage Tank (Pump with Minimum Pressure of 3.5 kg/cm ² at Service Level)	NOT Required ✓
13. Service Bunker with Minimum Fire Resistance of 2 hours	Required ✓ 500 LPM ✓

SYMBOL	DESCRIPTION	
	LEGEND 1	LEGEND 2
P.1	TREATMENT PLANT PUMP	11500 MS FIRE PIPE
P.2	DOMESTIC WATER SUPPLY PUMP	11500 MS FIRE PIPE
P.3	JOCKEY PUMP	
P.4	ELECTRIC MAIN PUMP	
P.5	DIESEL PUMP	
P.6	TERRACE PUMP (FOR DOWN COMER)	
H.	Hose Reel	
H.	SINGLE LANDING VALVE	
D. AW	AIR RELEASE VALVE	
D.2	FULLWAY VALVE	
L.1	NON RETURN VALVE	
F.	TOPS OFF FIRE PIPE	
TW. 1	TUBE WELL LINE	
M. 2	MUNICIPAL WATERLINE	
D.	COLD WATER SUPPLY LINE	
F.	FILTER	
S.	SOFTNER	
W. Q.	WATER METER	
OF.	OVER FLOW PIPE	
S.	STRENUOUE	



SYMBOL	DESCRIPTION
ARCHITECTS:-	GARG & ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS	48 REGAL BUILDING, CONN PLACE
PHONE	NEW DELHI - 110001
JOB TITLE	PROPOSED GROUP HOUSING FOR AIR FORCE NAVAL HOUSING BOARD AT PLOT NO. - SECTOR 4 B PART MEERUT
SHEET TITLE	SCHEMATIC DIAGRAM FOR FIRE FIGHTING SYSTEM (CONVENIENT SHOPPING)
draft by	date
draft no	FF-09
draft by	scale
draft no	FF-09
draft by	scale
draft no	FF-09

ARCHITECT'S SIGN

 Garg & Associates
 46 Regal Building
 Connaught Place
 New Delhi - 110001



SYMBOL	DESCRIPTION
NOTES	1. THIS IS A SCHEMATIC DIAGRAM ONLY REPRESENTING SCHEMATIC SCHEMES. MUST BE CO-ORDINATED WITH RELEVANT DRAWINGS OR FLOOR PLANS.
	2. ALL DIA'S MENTIONED IN DRAWINGS ARE INTERNAL DIAMETERS OF PIPING & TO BE FOLLOWED IRRESPECTIVE OF MATERIAL TO BE USED.
	3. THE SIZE OF PIPES SHALL BE SAME AS DIA OF DIA OF DRAIN TAKE PIPE WHERE IT IS LOCATED IN THE DRAWING.

