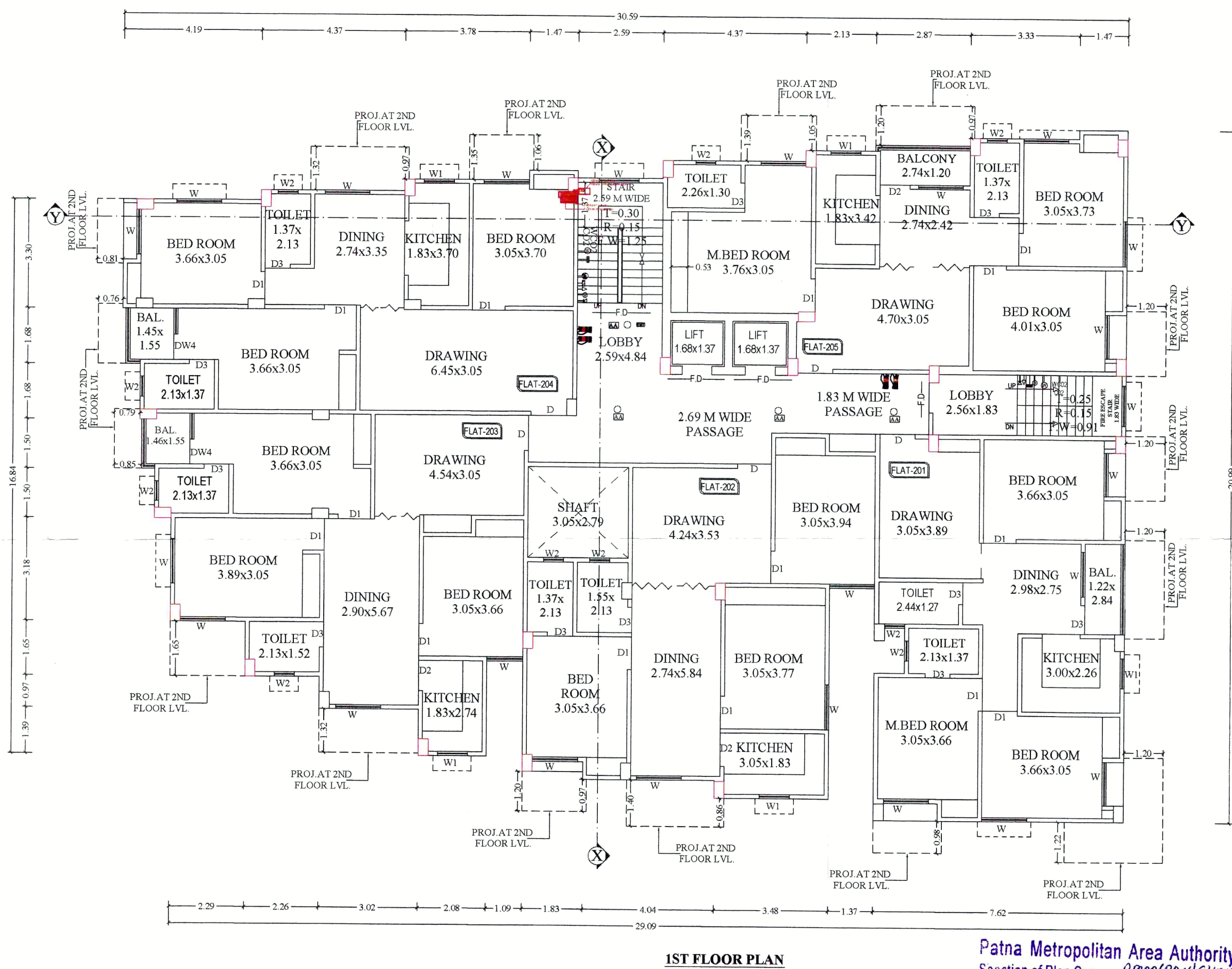
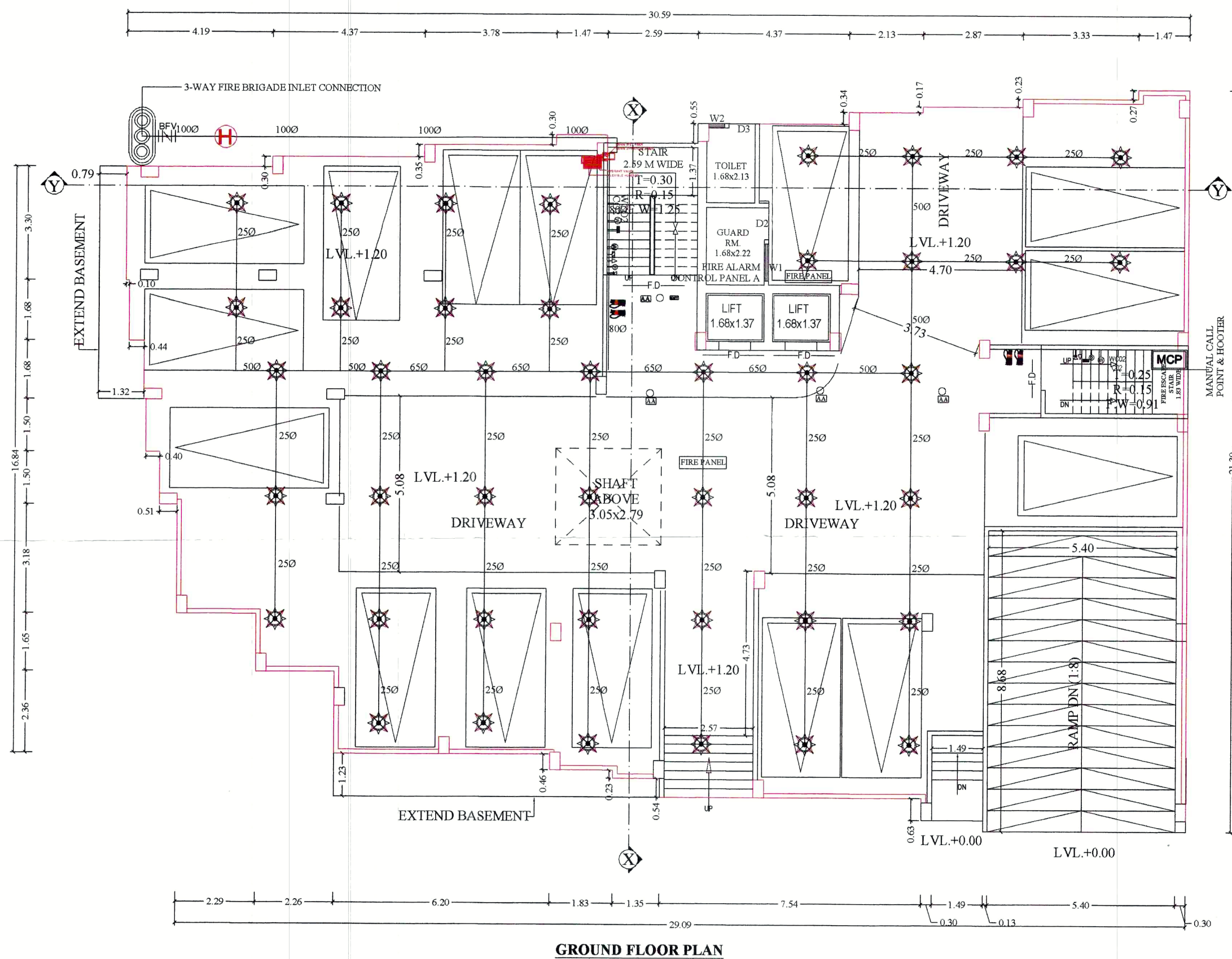
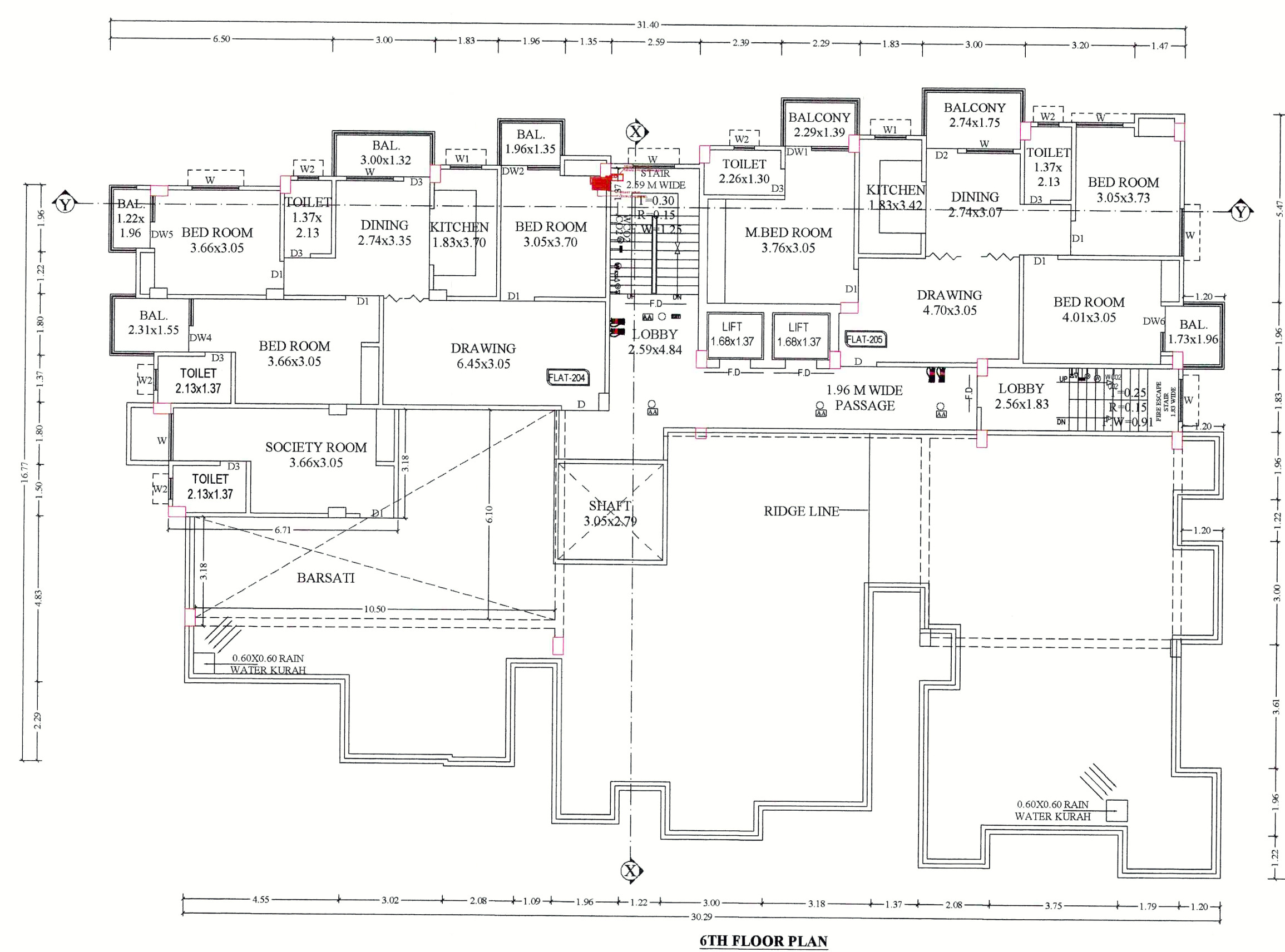
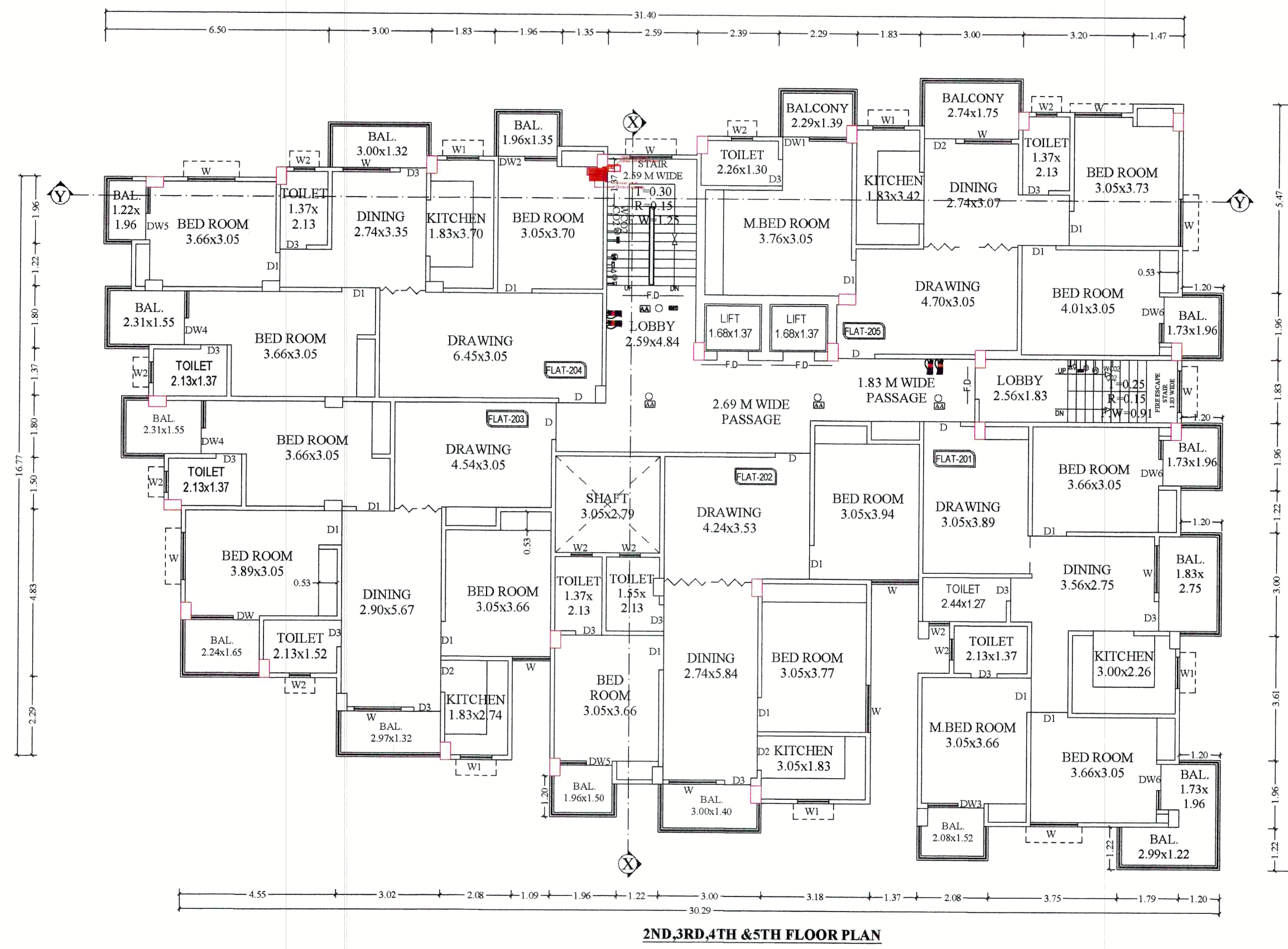




WATER TANK CALCULATION

TOTAL NO. OF FLAT = 27 NOS.
NO. OF PERSON @ 5 PERSON/FLAT = 5 X 27 = 135 PERSONS
TAKING 20% EXTRA = (135 X 20) / 100 = 27 PERSONS
TOTAL NO. OF PERSONS = 135 + 27 = 162 WATER NEEDED @ 135LTR/PERSON = 135X162 = 21870 LTRS
LTRS 21870 = 21.87 CUM.
PROVIDED WATER TANK SIZE
2.59x6.69x1.50 = 25.99 CUM.
TOTAL PROVIDED = 25.99 CUM.

SEPTIC TANK CALCULATION

TOTAL NOS OF PERSON @ 5 PERSONS
IN EACH FLAT = 5X27 = 135
20% EXTRA = 27, TOTAL NOS OF PERSONS = 162
REQUIRED @ 0.112 CUM / PERSON = 162X 0.112 = 18.14 CUM.
PROVIDED SEPTIC TANK OF SIZE
5.00X2.50X1.5 = 18.75 CUM.
TOTAL = 18.75 CUM.

WATER HARVESTING CALCULATION

TERRACE AREA = 250.43 SQM.
REQUIRED W.H CAPACITY 6 CUM FOR 100 SQ.M
TERRACE AREA
TOTAL TERRACE = 250.43 SQM.
REQUIRED WATER HARVESTING 250.43 X 6 / 100 = 15.02 CUM
PROVIDES WATER HARVESTING SIZE
1.50X1.50X5.00 = 11.25 CUM. X 2 = 22.50 CUM.

PLOT STETMENT

PROPOSED RESIDENTIAL BUILDING OF
(1) SMT. MEENA SINHA W/O SURENDRA NATH SINHA.
(2) SRI ANSHUMAN S/O SURENDRA NATH SINHA.
(3) SMT. KUSUM DEVI W/O RAMESHWAR CHAUDHARY.
PLOT NO - 186 (PART), KHATA NO-54, THANA NO-101
MAUZA-CHAMPUR,
THANA-PHULWARI
DIST.-PATNA.
DIRECTOR - SRI RAJESH KUMAR
(MUSKAN CONSTRUCTION PVT.LTD)
OFFICE - G - 70, P.C COLONY KANKARBAGH PATNA.

ALL DIMENSION ARE IN M

SCALE :- 1:100
1:200 NORTH :- DRG. NO. :- 02/03

Meena Sinha
Rajesh Kumar
For Muskan Constructions Pvt. Ltd.
Rajesh Kumar
Managing Director

SUNIL KUMAR
ARCHITECT
CPA New Delhi, U.D.H.D. Patna, (Bihar)
Engagement No./C.O.A No.-CA/1991/13699
BRAJESH KUMAR SINHA
Registration No.
BR/UDHD/SE/23-0071
UDHD Government of Bihar

SYMBOL	DESCRIPTION	QUANTITY
	SPRINKLER	43
	63MM LANDING VALVE (HYDRANT)	09
	3-WAY FIRE BRIGADE INLET CONNECTION	01
	HOSE REEL	08
	RRL HOSE COUPLING	08
	SINGLE DOOR HOSE BOX	08
	SHORT BRANCH PIPE	08
	1000 M.S. PIPE	48 Mtr.
	800 M.S. PIPE	12 Mtr.
	500 M.S. PIPE	18 Mtr.
	650 M.S. PIPE	12 Mtr.
	250 M.S. PIPE	108 Mtr.
	4X10 SQ.M AL. ARMoured CABLE	60 Mtr.
	ABC TYPE FIRE EXTINGUISHERS	16
	CO2 TYPE FIRE EXTINGUISHERS	16
	NON-RETURN VALVE (3" & 4")	1 & 1
	BUTTERFLY VALVE	2 & 2
	FIRE ALARM CONTROL PANEL	01
	MANUAL CALL POINT (MCP)	08
	HOOTER	08
	TERRACE PUMP 900LPM	01
	2CX1.5SQ.MM WIRE PRLS	120 Mtr.
	25MM AIR RELEASE VALVE	01
	25MM BALL VALVE	08
	3-PHASE 10HP PUMP PANEL	01

Patna Metropolitan Area Authority

Sanction of Plan Case no. 22/2023/CHAMPUR dated. 22.02.2023. accorded under Development Control Regulations For Patna Master Plan 2031 (Byelaws no 8) of Bihar Bldg Byelaws 2014 (as amended 2022) on Date. 26.06.2024

अध्यक्ष नगर योजना पर्यवेक्षक, अशोक अभिव्यंता
पटना महानगर क्षेत्र प्राधिकार पटना महानगर क्षेत्र प्राधिकार

बेहार भू-सम्पदा (विनियमन विकास) नियामक, 2017 की शर्तों के अधीन राज्य में गठित विनियमन प्राधिकरण से इस परियोजना का निबंधन अनिवार्य होगा।

LEGEND FOR FIRE FIGHTING.

- (1) UNDER GROUND WATER STATIC TANK FOR FIRE FIGHTING Tower-A
- (2) WET RISKING SYSTEM WITH FIRE HYDRANT
- (3) HOSE REEL
- (4) ISI MARKED FIRE EXT.
- (5) YARD HYDRANT
- (6) AUTOMATIC SPRINKLER INSTALLATION
- (7) MANUAL CALL ALARM POINT
- (8) F.R CHECK DOOR
- (9) SIAMESE CONNECTION
- (10) EMERGENCY LIGHTING SYSTEM
- (11) AUTOMATIC DEDUCTION & ALARM SYSTEM
- (12) FIRE RESISTANCE CHECK DOOR
- (13) P.A. SYSTEM
- (14) ILLUMINATED EXIT SING
- (15) SPRINKLER SYSTEM
- (16) EMERGENCY LIGHT

60,000LTR

25,000LTR

PLOT STETMENT

PROPOSED RESIDENTIAL BUILDING OF
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OFFICE - G -70, P.C COLONY KANKARBAGH PATNA.

ALL DIMENSION ARE IN M

SCALE :- 1:100 1:200 NORTH :- DRG. NO :- 03/03

Meena Sinha
Signature of Owner
For Muskan Constructions Pvt. Ltd
Rajesh Kumar
Managing Director
Signature of Builders (MS MUSKAN CONSTRUCTIONS PVT.LTD)

SUNIL KUMAR
ARCHITECT
CQA New Delhi, U.D.H.D. Patna, (Bihar)
Registration No. BR/UDHD/SE/23-0071
UDHD, Government of Bihar
Signature of ARCHITECT
Signature of STRUCTURE ENGINEER

Patna Metropolitan Area Authority
Sanction of Plan Case no. 1116184
dated. 22.08.2023 accorded under
Development Control Regulations For Patna
Master Plan 2031 (Byelaws no 8) of Bihar Building
Byelaws 2014 (as amended 2022) on Date. 22.08.2024
अधीक्षण अभियंता
पटना महानगर क्षेत्र प्राधिकरण

विहार भू-सम्पदा (विनियमन विकास)
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