

NAME OF WORK-CONSTRUCTION OF FIRE STATION (3/4)				
UNITS) AT GANDHINAGAR				
DISTT.- UNNAO (U.P.)				
BOQ FOR TENDER				
S.N.	DESCRIPTION OF ITEM			AMOUNT (IN LACS)
1	COST OF WORK (P-1A) (BUILDING+EXTERNAL SITE DEVELOPMENT)			1383.43
	COST OF LIFT AND D.G. SET			
2	(i) PASSENGER LIFT (8 PERSONS - 1.5 MT./SEC. SPEED) (P-84)	1	17.66	17.66 ✓
3	(ii) PASSENGER LIFT (13 PERSONS - 1.5 MT./SEC. SPEED) (P-84)	1	19.95	19.95 ✓
4	COST OF D.G. SET (125 KVA) (P-85)	1	6.68	6.68 ✓
			TOTAL C	44.29
	NOTE:- GST will be Paid Extra as applicable.	G.TOTAL/TENDER COST	1427.72 ✓	LACS

Simmi Singh
 जेवर अभियन्ता
 उ० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई-लखनऊ

P. L.
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BOQ of Rs. 1427.72 Lacs, checked as per T.S.No. 6811 dt. 15.05.2026

Sachin
 02.06.26
 JE Ho (Gen)
 (Electri).

Himanshu
 02/06/2026
 J.E Ho (Gen)

Shrey
 02062026
 AE

Shrey
 02.06.26
 AE Ho

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UNITS) AT GANDHINAGAR				
DISTT.- UNNAO (U.P.)				
BOQ FOR TENDER				
S.N.	DESCRIPTION OF ITEM			AMOUNT (IN LACS)
A	COST OF FIRE STATION			
1	COST OF CIVIL WORKS (UPTO PLINTH) (P-5)	(AS PER DETAILS ATTACHED)		211.77 ✓
2	COST OF CIVIL WORKS (ABOVE PLINTH) (P-18)	(AS PER DETAILS ATTACHED)		851.09 ✓
3	COST FOR INTERNAL W/S AND SANITATION (P-26)	(AS PER DETAILS ATTACHED)		32.06 ✓
4	COST FOR INTERNAL ELECTRIFICATION AND POWER WIRING (P-27)	(AS PER DETAILS ATTACHED)		84.56 ✓
5	COST FOR FIRE FIGHTING (P-36)	(AS PER DETAILS ATTACHED)		114.03 ✓
6	COST OF BORING WITH SUBMERSIBLE PUMP (P-49)	(AS PER DETAILS ATTACHED)		6.53 ✓
			TOTAL A	1300.04 ✓
B	COST OF EXTERNAL SITE DEVELOPMENT			
7	COST OF EXTERNAL SANITATION & WATER SUPPLY (P-52)	(AS PER DETAILS ATTACHED)		7.67 ✓
8	COST OF SEPTIC TANK & SOAK PIT (P-54)	(AS PER DETAILS ATTACHED)		3.15 ✓
9	COST FOR EXTERNAL ELECTRICAL WORK (ELECTRICAL POLE AND LIGHT) (P-58)	(AS PER DETAILS ATTACHED)		21.64 ✓
10	COST OF U.G. TANK (FIRE FIGHTING TANK) (225 KL) (P-61)	(AS PER DETAILS ATTACHED)		39.38 ✓
11	COST OF PUMP ROOM (P-66)	(AS PER DETAILS ATTACHED)		2.74 ✓
12	COST FOR C.C. INTERLOCKING (PARKING) (P-68)	717.44 ✓	SQM	1336.65 ✓ 9.59 ✓
13	COST OF DRAIN (300 X 450) MM (P-69)	154.48 ✓	RM	2075.35 ✓ 3.21 ✓
14	COST OF C.C. ROAD (P-70)	926.88 ✓	SQM	1847.60 ✓ 17.13 ✓
15	COST OF RAIN WATER HARVESTING (P-74)	(AS PER DETAILS ATTACHED)		5.78 ✓
16	COST BOUNDARY WALL (P-76)	243.57 ✓	RM	15021.76 ✓ 36.59 ✓
17	COST OF 6.0 M WIDE M.S. GATE (P-78)	1.00 ✓	NOS.	135010.63 ✓ 1.35 ✓
18	COST OF 15 M WIDE M.S. GATE (P-79)	1.00 ✓	NOS.	160233.36 ✓ 1.60 ✓
19	DG SET PLATFORM (P-81)	(AS PER DETAIL ATTACHED)		0.71 ✓
20	TRANSFORMER PLATFORM (P-83)	(AS PER DETAIL ATTACHED)		0.67 ✓
21	EARTH FILLING IN CAMPUS (i/c Royalty) layer by layer upto 20 cm, i/c watering, ramming as per E/I	1352.00 ✓	cum	370.00 ✓ 5.00 ✓
			TOTAL B	156.20 ✓
			TOTAL[A+B]	1456.24 ✓
22	LESS 5% DUE TO COMPETITIVE PRICE EFFICIENCY	1456.24 ✓	@	5.00% ✓ 72.81 ✓
			NET TOTAL	1383.43

Sumi Singh

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DETAILED ESTIMATE OF PROPOSED CONSTRUCTION OF					
FIRE STATION (3/4 UNITS) AT GANDHINAGAR					
DISTT. - UNNAO (U.P.)					
[ABSTRACT OF COST - UPTO PLINTH LVL.]					
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
1	Excavation in foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.				
(a)	0.00 LVL. TO 1.50 MTR.	1052.724	CUM	198.89	209374.94
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand (zone-iii) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	143.250	CUM	5204.88	745597.44
3	Sand filling in plinth including supply of necessary quantity of sand from a distance not exceeding 8 kms. from the site of work and including watering, dressing etc rate to include cost of all materials labour T & P etc required for proper completion of work.	100.473	CUM	1622.70	163037.30
4	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement:2 coarse sand) to match the existing floor.				
	With Chlorpyrifos/ Linadane E.C. 20% with 1% concentration.	668.080	SQM	236.90	158269.07
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	32.102	CUM	5449.57	174942.03

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6	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge;				
	All works upto plinth level concrete of M35 grade with minimum cement content of 370 kg /cum R.C.C. work Upto plinth Lvl. (M-35)				
	R.C.C. Tie Beam	31.390	CUM	7493.05	235208.05
7	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works upto plinth level concrete of M35 grade with minimum cement content of 370 kg /cum R.C.C. work Upto plinth Lvl. (M-35)				
	R.C.C. Footing or Raft	669.662	CUM	7493.05	5017808.90

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8	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge;				
	All works upto plinth level concrete of M35 grade with minimum cement content of 370 kg /cum R.C.C. work Upto plinth Lvl. (M-35)				
	R.C.C. Column	18.344	CUM	7493.05	137454.42
9	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size)	26.184	SQM	313.92	8219.65
10	Painting on D.P.C. with two coats of air blown bitumen VG -10 Grade @ 1.70 Kg/Sqm approx including cost of fuel if any	26.184	SQM	111.67	2923.94
11	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-35 of specified diameter and length below the pile cap, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and temporary casing of appropriate length for setting out and removal of same and the length of the pile to be embedded in the pile cap etc. by percussion drilling using Direct mud circulation (DMC) or Bailer and chisel technique by tripod and mechanical Winch Machine all complete, including removal of excavated earth with all its lifts and leads (length of pile for payment shall be measured up to bottom of pile cap). Note: Truck Mounted rotary/TMR/Tubewell boring machine shall not be used. (450 mm dia piles)	2040.00	RM	3278.13	6687375.51

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12	Vertical load testing of piles in accordance with IS 2911 (Part IV) including installation of loading platform by Kentledge method and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge. Single pile upto 50 tonne Safe capacity				
	Initial test (Test Load 2.5 times the Safe capacity)	2.00	NOS.	41849.52	83699.04
	Routine test (Test Load 1.5 times the Safe capacity)	4.00	NOS.	15000.62	60002.49
13	Thermo-mechanically treated bars of grade fe-550D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	863.891	QTL	8240.55	7118932.40
14	15 mm thick plinth plaster [1 cement : 4 coarse sand]	58.096	SQM	314.61	18277.42
15	Centering and shuttering including strutting, propping etc. and removal of form for :				
a)	Foundations, footings, bases of columns, etc. for mass concrete	219.694	SQM	299.63	65827.33
b)	Columns, Pillars, Piers, Abutments, Posts and Struts	128.495	SQM	734.51	94380.23
(c)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	347.677	Sqm	562.66	195625.60
				G. TOTAL	21176955.76
		Say Rs.		211.77	Lacs.

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DETAILED ESTIMATE OF PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT GANDHINAGAR DISTT.- UNNAO (U.P.)					
[ABSTRACT OF COST - ABOVE PLINTH LVL.]					
S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATES	AMOUNT
1	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. Lintel)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	2.044 ✓	CUM	7764.80 ✓	15872.21
(b)	First Floor (M-35)	1.064 ✓	CUM	7764.80 ✓	8259.80
(c)	Second Floor(M-35)	3.491 ✓	CUM	7764.80 ✓	27110.01
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	3.206 ✓	CUM	7649.42 ✓	24521.17
(e)	Fourth Floor (M-30)	3.615 ✓	CUM	7649.42 ✓	27653.72
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	3.264 ✓	CUM	7921.16 ✓	25857.77
(g)	Sixth Floor (M-30)	3.046 ✓	CUM	7921.16 ✓	24126.99
(h)	Seventh Floor (M-30)	3.046 ✓	CUM	7921.16 ✓	24126.99
(i)	Eighth Floor (M-30)	2.973 ✓	CUM	7921.16 ✓	23553.10
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	3.046 ✓	CUM	8192.91 ✓	24954.69
(k)	Terrace Floor (M-30)	11.196 ✓	CUM	8192.91 ✓	91727.78
2	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. SLAB)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	25.733 ✓	CUM	7764.80 ✓	199807.63
(b)	First Floor (M-35)	63.244 ✓	CUM	7764.80 ✓	491078.17
(c)	Second Floor (M-35)	70.975 ✓	CUM	7764.80 ✓	551105.00

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	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	82.783 ✓	CUM	7649.42 ✓	633240.90
(e)	Fourth Floor (M-30)	64.854 ✓	CUM	7649.42 ✓	496097.73
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	63.545 ✓	CUM	7921.16 ✓	503351.38
(g)	Sixth Floor (M-30)	63.545 ✓	CUM	7921.16 ✓	503351.38
(h)	Seventh Floor (M-30)	62.723 ✓	CUM	7921.16 ✓	496840.84
(i)	Eighth Floor (M-30)	68.336 ✓	CUM	7921.16 ✓	541299.55
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	68.792 ✓	CUM	8192.91 ✓	563607.52
(k)	Terrace Floor (M-30)	25.695 ✓	CUM	8192.91 ✓	210520.56
3	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. BEAM)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	32.183 ✓	CUM	7764.80 ✓	249891.49
(b)	First Floor (M-35)	56.739 ✓	CUM	7764.80 ✓	440565.09
(c)	Second Floor (M-35)	57.967 ✓	CUM	7764.80 ✓	450104.49
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	57.977 ✓	CUM	7649.42 ✓	443488.78
(e)	Fourth Floor (M-30)	55.962 ✓	CUM	7649.42 ✓	428074.92
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	54.344 ✓	CUM	7921.16 ✓	430469.27
(g)	Sixth Floor (M-30)	54.344 ✓	CUM	7921.16 ✓	430469.27
(h)	Seventh Floor (M-30)	57.303 ✓	CUM	7921.16 ✓	453907.22
(i)	Eighth Floor (M-30)	54.344 ✓	CUM	7921.16 ✓	430469.27
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	54.344 ✓	CUM	8192.91 ✓	445236.94
(k)	Terrace Floor (M-30)	15.340 ✓	CUM	8192.91 ✓	125678.85

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4	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland / portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. COLUMN)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	31.955 ✓	CUM	7764.80 ✓	248120.15
(b)	First Floor (M-35)	35.505 ✓	CUM	7764.80 ✓	275689.05
(c)	Second Floor (M-35)	37.274 ✓	CUM	7764.80 ✓	289421.09
(d)	Third Floor (M-35)	37.274 ✓	CUM	7764.80 ✓	289421.09
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(e)	Fourth Floor (M-30)	35.492 ✓	CUM	7649.42 ✓	271489.39
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	35.492 ✓	CUM	7921.16 ✓	281133.96
(g)	Sixth Floor (M-30)	35.492 ✓	CUM	7921.16 ✓	281133.96
(h)	Seventh Floor (M-30)	35.492 ✓	CUM	7921.16 ✓	281133.96
(i)	Eighth Floor (M-30)	35.492 ✓	CUM	7921.16 ✓	281133.96
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	35.492 ✓	CUM	8192.91 ✓	290778.53
(k)	Terrace Floor (M-30)	16.913 ✓	CUM	8192.91 ✓	138568.67
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
(a)	Ground Floor	51.235 ✓	CUM	6957.63 ✓	356473.76
(b)	First Floor	74.216 ✓	CUM	6957.63 ✓	516368.19
(c)	Second Floor	172.161 ✓	CUM	6957.63 ✓	1197834.41
(d)	Third Floor	132.306 ✓	CUM	6957.63 ✓	920533.01
(e)	Fourth Floor	100.571 ✓	CUM	6957.63 ✓	699735.63
(f)	Fifth Floor	82.240 ✓	CUM	7087.10 ✓	582842.62
(g)	Sixth Floor	86.723 ✓	CUM	7087.10 ✓	614612.29
(h)	Seventh Floor	88.896 ✓	CUM	7087.10 ✓	630016.10
(i)	Eighth Floor	89.528 ✓	CUM	7087.10 ✓	634490.54
(j)	Ninth Floor	89.528 ✓	CUM	7216.57 ✓	646081.89
(k)	Terrace Floor	93.703 ✓	CUM	7216.57 ✓	676215.89
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in .Cement mortar 1:4 (1 cement : 4 coarse sand)				
(a)	Ground Floor	8.338 ✓	CUM	7139.78 ✓	59529.99
(b)	First Floor	15.213 ✓	CUM	7139.78 ✓	108614.05
(c)	Second Floor	27.866 ✓	CUM	7139.78 ✓	198957.75
(d)	Third Floor	30.369 ✓	CUM	7139.78 ✓	216827.21
(e)	Fourth Floor	57.415 ✓	CUM	7139.78 ✓	409928.39
(f)	Fifth Floor	48.395 ✓	CUM	7269.25 ✓	351795.05
(g)	Sixth Floor	50.065 ✓	CUM	7269.25 ✓	363938.64
(h)	Seventh Floor	50.065 ✓	CUM	7269.25 ✓	363938.64

अवधि अधिकारी
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निर्माण इकाई-लखनऊ

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(i)	Eighth Floor	50.065	CUM	7269.25	363938.64
(j)	Ninth Floor	50.065	CUM	7398.73	370420.74
(k)	Terrace Floor	0.270	CUM	7398.73	1997.66
6a.	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of half brick masonry.				
(a)	Ground Floor	0.000	SQM	80.08	0.00
(b)	First Floor	0.000	SQM	80.08	0.00
(c)	Second Floor	0.000	SQM	80.08	0.00
(d)	Third Floor	0.000	SQM	80.08	0.00
(e)	Fourth Floor	0.000	SQM	80.08	0.00
(f)	Fifth Floor	0.000	SQM	80.08	0.00
(g)	Sixth Floor	0.000	SQM	80.08	0.00
(h)	Seventh Floor	0.000	SQM	80.08	0.00
(i)	Eighth Floor	0.000	SQM	80.08	0.00
(j)	Ninth Floor	0.000	SQM	80.08	0.00
(k)	Terrace Floor	0.000	SQM	80.08	0.00
7	Thermo-mechanically treated bars of grade Fe-550-D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.				
(a)	Ground Floor	165.225	QTL	8240.55	1361540.34
(b)	First Floor	243.699	QTL	8240.55	2008216.71
(c)	Second Floor	259.049	QTL	8240.55	2134701.89
(d)	Third Floor	267.071	QTL	8240.55	2200812.25
(e)	Fourth Floor	246.432	QTL	8240.55	2030732.03
(f)	Fifth Floor	242.237	QTL	8240.55	1996163.55
(g)	Sixth Floor	241.980	QTL	8240.55	1994043.39
(h)	Seventh Floor	246.625	QTL	8240.55	2032324.66
(i)	Eighth Floor	245.279	QTL	8240.55	2021231.77
(j)	Ninth Floor	245.687	QTL	8240.55	2024591.14
(k)	Terrace Floor	104.900	QTL	8240.55	864437.41
8	15 mm cement plaster on rough side of single or half brick wall of mix. 1:6 (1 cement: 6 coarse sand)				
(a)	Ground Floor	765.671	SQM	302.08	231291.59
(b)	First Floor	938.250	SQM	302.08	283423.71
(c)	Second Floor	1520.772	SQM	302.08	459390.08
(d)	Third Floor	1389.481	SQM	302.08	419730.14
(e)	Fourth Floor	1431.473	SQM	302.08	432414.97
(f)	Fifth Floor	1473.886	SQM	302.08	445227.01
(g)	Sixth Floor	1171.579	SQM	302.08	353907.04
(h)	Seventh Floor	1171.579	SQM	302.08	353907.04
(i)	Eighth Floor	1174.054	SQM	302.08	354654.68
(j)	Ninth Floor	1174.324	SQM	302.08	354736.25
(k)	Terrace Floor	154.525	SQM	302.08	46678.29
9	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)				
(a)	Ground Floor	221.886	SQM	262.57	58261.43
(b)	First Floor	261.280	SQM	262.57	68605.49
(c)	Second Floor	501.435	SQM	262.57	131663.94
(d)	Third Floor	501.435	SQM	262.57	131663.94
(e)	Fourth Floor	501.435	SQM	262.57	131663.94
(f)	Fifth Floor	501.435	SQM	262.57	131663.94
(g)	Sixth Floor	501.435	SQM	262.57	131663.94
(h)	Seventh Floor	501.435	SQM	262.57	131663.94
(i)	Eighth Floor	501.435	SQM	262.57	131663.94
(j)	Ninth Floor	501.435	SQM	262.57	131663.94
(k)	Terrace Floor	754.182	SQM	262.57	198028.92

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10	12mm thick plaster in 1:3 on ceiling and soffits of stairs upto floor two level.	[For Ceiling Paint only]			
(a)	Ground Floor	259.100	SQM		0.00
(b)	First Floor	600.417	SQM		0.00
(c)	Second Floor	663.732	SQM		0.00
(d)	Third Floor	655.034	SQM		0.00
(e)	Fourth Floor	523.237	SQM		0.00
(f)	Fifth Floor	509.112	SQM		0.00
(g)	Sixth Floor	509.112	SQM		0.00
(h)	Seventh Floor	509.112	SQM		0.00
(i)	Eighth Floor	548.781	SQM		0.00
(j)	Ninth Floor	549.204	SQM		0.00
(k)	Terrace Floor	160.315	SQM		0.00
11	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.				
(a)	Ground Floor	651.962 ✓	RM	59.90 ✓	39054.78
(b)	First Floor	685.000 ✓	RM	59.90 ✓	41033.87
(c)	Second Floor	1045.816 ✓	RM	59.90 ✓	62648.00
(d)	Third Floor	955.658 ✓	RM	59.90 ✓	57247.22
(e)	Fourth Floor	988.310 ✓	RM	59.90 ✓	59203.19
(f)	Fifth Floor	1005.587 ✓	RM	59.90 ✓	60238.13
(g)	Sixth Floor	809.758 ✓	RM	59.90 ✓	48507.31
(h)	Seventh Floor	809.758 ✓	RM	59.90 ✓	48507.31
(i)	Eighth Floor	809.758 ✓	RM	59.90 ✓	48507.31
(j)	Ninth Floor	809.758 ✓	RM	59.90 ✓	48507.31
(k)	Terrace Floor	123.700 ✓	RM	59.90 ✓	7410.06
12	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble [GRANITE FLOORING]				
(a)	Ground Floor	8.707 ✓	SQM	2609.16 ✓	22718.70
(b)	First Floor	0.000	SQM	2609.16	0.00
(c)	Second Floor	11.653 ✓	SQM	2609.16 ✓	30405.29
(d)	Third Floor	16.147 ✓	SQM	2609.16 ✓	42130.86
(e)	Fourth Floor	20.137 ✓	SQM	2609.16 ✓	52541.42
(f)	Fifth Floor	20.137 ✓	SQM	2609.16 ✓	52541.42
(g)	Sixth Floor	20.137 ✓	SQM	2609.16 ✓	52541.42
(h)	Seventh Floor	20.137 ✓	SQM	2609.16 ✓	52541.42
(i)	Eighth Floor	20.137 ✓	SQM	2609.16 ✓	52541.42
(j)	Ninth Floor	20.137 ✓	SQM	2609.16 ✓	52541.42
13	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm				
(a)	Ground Floor	51.356 ✓	SQM	1186.95 ✓	60957.02
(b)	First Floor	72.515 ✓	SQM	1186.95 ✓	86072.35
(c)	Second Floor	318.311 ✓	SQM	1186.95 ✓	377819.65
(d)	Third Floor	292.886 ✓	SQM	1186.95 ✓	347642.05
(e)	Fourth Floor	227.253 ✓	SQM	1186.95 ✓	269737.86
(f)	Fifth Floor	196.051 ✓	SQM	1186.95 ✓	232702.82
(g)	Sixth Floor	196.051 ✓	SQM	1186.95 ✓	232702.82

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(11)

(h)	Seventh Floor	196.051 ✓	SQM	1186.95 ✓	232702.82
(i)	Eighth Floor	196.051 ✓	SQM	1186.95 ✓	232702.82
(j)	Ninth Floor	196.051 ✓	SQM	1186.95 ✓	232702.82
14	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm				
(a)	Ground Floor	5.985 ✓	SQM	1240.13 ✓	7422.19
(b)	First Floor	7.194 ✓	SQM	1240.13 ✓	8921.51
(c)	Second Floor	27.180 ✓	SQM	1240.13 ✓	33706.78
(d)	Third Floor	21.734 ✓	SQM	1240.13 ✓	26953.02
(e)	Fourth Floor	23.945 ✓	SQM	1240.13 ✓	29694.95
(f)	Fifth Floor	24.311 ✓	SQM	1240.13 ✓	30148.84
(g)	Sixth Floor	24.311 ✓	SQM	1240.13 ✓	30148.84
(h)	Seventh Floor	24.311 ✓	SQM	1240.13 ✓	30148.84
(i)	Eighth Floor	24.311 ✓	SQM	1240.13 ✓	30148.84
(j)	Ninth Floor	24.311 ✓	SQM	1240.13 ✓	30148.84
15	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick				
(a)	Ground Floor	256.304 ✓	SQM	1488.61 ✓	381535.95
(b)	First Floor	127.359 ✓	SQM	1488.61 ✓	189587.58
(c)	Second Floor	196.897 ✓	SQM	1488.61 ✓	293103.03
(d)	Third Floor	229.939 ✓	SQM	1488.61 ✓	342288.96
(e)	Fourth Floor	248.111 ✓	SQM	1488.61 ✓	369340.48
(f)	Fifth Floor	272.699 ✓	SQM	1488.61 ✓	405942.39
(g)	Sixth Floor	277.905 ✓	SQM	1488.61 ✓	413691.16
(h)	Seventh Floor	277.905 ✓	SQM	1488.61 ✓	413691.16
(i)	Eighth Floor	313.021 ✓	SQM	1488.61 ✓	465966.33
(j)	Ninth Floor	277.905 ✓	SQM	1488.61 ✓	413691.16
(k)	Terrace Floor	0.000	SQM	1488.61 ✓	0.00
16	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete				
(a)	Ground Floor	22.361 ✓	SQM	1799.17 ✓	40231.53
(b)	First Floor	11.831 ✓	SQM	1799.17 ✓	21286.66
(c)	Second Floor	20.603 ✓	SQM	1799.17 ✓	37067.87
(d)	Third Floor	24.882 ✓	SQM	1799.17 ✓	44766.87
(e)	Fourth Floor	23.884 ✓	SQM	1799.17 ✓	42971.30
(f)	Fifth Floor	28.600 ✓	SQM	1799.17 ✓	51456.17
(g)	Sixth Floor	28.735 ✓	SQM	1799.17 ✓	51699.06
(h)	Seventh Floor	28.735 ✓	SQM	1799.17 ✓	51699.06
(i)	Eighth Floor	34.071 ✓	SQM	1799.17 ✓	61299.41
(j)	Ninth Floor	28.735 ✓	SQM	1799.17 ✓	51699.06
(k)	Terrace Floor	0.000	SQM	1799.17 ✓	0.00

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17	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.				
(a)	Ground Floor	10.484 ✓	SQM	837.85 ✓	8784.36
(b)	First Floor	0.000	SQM	837.85 ✓	0.00
(c)	Second Floor	31.502 ✓	SQM	837.85 ✓	26393.94
(d)	Third Floor	26.730 ✓	SQM	837.85 ✓	22395.63
(e)	Fourth Floor	22.979 ✓	SQM	837.85 ✓	19252.76
(f)	Fifth Floor	22.979 ✓	SQM	837.85 ✓	19252.76
(g)	Sixth Floor	22.979 ✓	SQM	837.85 ✓	19252.76
(h)	Seventh Floor	22.979 ✓	SQM	837.85 ✓	19252.76
(i)	Eighth Floor	22.979 ✓	SQM	837.85 ✓	19252.76
(j)	Ninth Floor	22.979 ✓	SQM	837.85 ✓	19252.76
18	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement				
(a)	Ground Floor	49.466 ✓	SQM	968.81 ✓	47922.60
(b)	First Floor	0.000	SQM	968.81 ✓	0.00
(c)	Second Floor	121.179	SQM	968.81 ✓	117399.26
(d)	Third Floor	108.765	SQM	968.81 ✓	105372.47
(e)	Fourth Floor	104.436 ✓	SQM	968.81 ✓	101178.49
(f)	Fifth Floor	104.436 ✓	SQM	968.81 ✓	101178.49
(g)	Sixth Floor	104.436 ✓	SQM	968.81 ✓	101178.49
(h)	Seventh Floor	104.436 ✓	SQM	968.81 ✓	101178.49
(i)	Eighth Floor	104.436 ✓	SQM	968.81 ✓	101178.49
(j)	Ninth Floor	104.436 ✓	SQM	968.81 ✓	101178.49
19	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12-20mm nominal size laid in one layer neat cement (40 mm thick floor).	108.252 ✓	SQM	469.29 ✓	50802.09
20	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete. (Trimix)	452.024 ✓	SQM	758.76 ✓	342975.91
21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws				

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	(a) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	229.320 ✓	SQM	1828.16 ✓	419234.45
	(b) Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	22.680 ✓	SQM	1909.69 ✓	43311.78
	both side laminated	252.00 ✓	SQM	730.46 ✓	184074.78
	Extra for providing lipping with 2nd class eak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).		SQM	353.27	0.00
22	M.S. or Iron work of small sizes and sections such as holding down bolts, hold fast tie rods, gratings etc. wrought to required from including supply of steel bolts, nuts wastage etc and fixing required for proper completion of the work.				
	(a) Providing & fixing of hold fast for chaukhats of doors and windows.	0.000	KG	149.15	0.00
	(b) Providing & fixing of door / windows grill.	32807.622	KG	131.88 ✓	4326646.35
(c)	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.)Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	6431.384 ✓	KG	149.15 ✓	959224.18
(d)	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. <i>Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides</i>	334.044 ✓	SQM	866.12 ✓	289321.17
(e)	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :35 mm thick shutters				
	Second class teak wood	121.905 ✓	SQM	3707.52 ✓	451965.22
23	Distempering (Two coat) with oil bound distemper of approved brand and manufacture & of required shade on undecorated wall surface to give an even shade over & including a priming coat with cement primer of approved brand & manufacture such as Berger, J&N, Shalimar, Asian paints after thoroughly brushing the surface free from mortar droppings & other foreign matters & also including preparing the surface even with plaster of paris or approved synthetic material & sand papered smooth including cost of all materials. (For Internal wall surface)				
(a)	Ground Floor	1014.286 ✓	SQM	141.85 ✓	143876.99
(b)	First Floor	1538.667 ✓	SQM	141.85 ✓	218260.67
(c)	Second Floor	2184.504 ✓	SQM	141.85 ✓	309872.95
(d)	Third Floor	1961.480 ✓	SQM	141.85 ✓	278236.82
(e)	Fourth Floor	1931.731 ✓	SQM	141.85 ✓	274017.01
(f)	Fifth Floor	1960.019 ✓	SQM	141.85 ✓	278029.65
(g)	Sixth Floor	1657.712 ✓	SQM	141.85 ✓	235147.26

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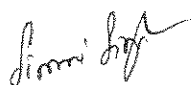
(h)	Seventh Floor	1657.712 ✓	SQM	141.85 ✓	235147.26
(i)	Eighth Floor	1699.856 ✓	SQM	141.85 ✓	241125.37
(j)	Ninth Floor	1700.549 ✓	SQM	141.85 ✓	241223.71
(k)	Terrace Floor	314.840 ✓	SQM	141.85 ✓	44660.18
24	Finishing walls with Acrylic smooth exterior paint of required shade: - New work (Two or more coat applied @ 1.67 Ltr./10 Sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 Sqm.				
(a)	Ground Floor	221.886 ✓	SQM	122.71 ✓	27227.66
(b)	First Floor	261.280 ✓	SQM	122.71 ✓	32061.81
(c)	Second Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(d)	Third Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(e)	Fourth Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(f)	Fifth Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(g)	Sixth Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(h)	Seventh Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(i)	Eighth Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(j)	Ninth Floor	501.435 ✓	SQM	122.71 ✓	61531.29
(k)	Terrace Floor	754.182 ✓	SQM	122.71 ✓	92546.03
25	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.				
(a)	Ground Floor	1236.172 ✓	SQM	119.23 ✓	147393.53
(b)	First Floor	1799.947 ✓	SQM	119.23 ✓	214614.69
(c)	Second Floor	2685.939 ✓	SQM	119.23 ✓	320254.90
(d)	Third Floor	2462.915 ✓	SQM	119.23 ✓	293662.83
(e)	Fourth Floor	2433.166 ✓	SQM	119.23 ✓	290115.82
(f)	Fifth Floor	2461.454 ✓	SQM	119.23 ✓	293488.69
(g)	Sixth Floor	2159.147 ✓	SQM	119.23 ✓	257443.46
(h)	Seventh Floor	2159.147 ✓	SQM	119.23 ✓	257443.46
(i)	Eighth Floor	2201.291 ✓	SQM	119.23 ✓	262468.42
(j)	Ninth Floor	2201.984 ✓	SQM	119.23 ✓	262551.08
(k)	Terrace Floor	1069.022 ✓	SQM	119.23 ✓	127463.66
26	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	142.000 ✓	NOS.	92.95 ✓	13198.86
27	Providing & fixing stainless steel sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc complete. (a) 300mm x 16mm	196.000 ✓	NOS	540.00 ✓	105840.00
28	P/Fixing stainless steel tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as / IS : 1868) transparent or dyed to required colour or shade with necessary screws etc.				
	(a) 250 mm x 10mm	376.000 ✓	NOS	405.00 ✓	152280.00
29	Providing & fixing stainless steel handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete. 125 mm	392.000 ✓	NOS	270.00 ✓	105840.00
30	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:				


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	(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.				
	(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				
	(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.				
	(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep.				
	(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge :				
	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	641.307	SQM	1287.16	825465.30
31	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	997.015	SQM	130.43	130038.17
32	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 4.0 mm thick glass panes	486.063	SQM	1062.18	516285.69
33	Construction of drain alongwith apron. (P-89)	89.020	RM	627.07	55821.64
34	Providing & laying of light under-sling under floor of toilets & other small rooms.	0.000	CUM		0.00


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35	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	277.828	SQM	471.47	130988.25
36	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering : 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	42.647	CUM	6019.76	256726.09
37	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Suspended floors, roofs, landings, balconies and access platform.	6340.147	Sqm	708.49	4491920.01
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	5434.066	Sqm	562.66	3057556.87
(c)	Columns, Pillars, Piers, Abutments, Posts and Struts	2678.830	Sqm	734.51	1967614.22
38	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge	222.000	RMT.	1305.99	289930.84
39	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/m ²) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge.	139.860	SQM.	5755.93	805024.09
40	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer-in-charge, all complete.	37.000	NO.	6392.36	236517.47

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41	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces	95.928	NO.	4434.96	425434.37
42	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	10.710	SQM	8740.71	93613.00
43	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint. all complete for all GI Metal Ceiling Lay in plain Tegular edge Global white colour tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	564.329	SQM	1454.00	820531.90
44	Providing and fixing cupboard shutter with 19mm thick one side decorative and other side balancing laminated factory pressed BWP grade marine ply as per IS 710 of approved brand including 2mm thick PVC edge banding tape with hot glue by edge banding machine etc. with auto closing spring loaded hinges (hydraulic type) etc. complete as per direction of Engineer in charge. (Payment of providing and fixing auto closing hinges shall be paid separately)	0.000	SQM	2461.76	0.00

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45	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Ordinary cement without any pigment.	29.250	Sqm.	1171.94	34279.18
46	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge.	156.000	KG	590.17	92066.73
47	Design supply & installation of suspended Spider Glazing system designed to withstand the wind pressure as per IS 875 (Part-III). The Suspended System held with Spider Fittings of SS-316 Grade Steel of approved manufacturer with glass panel having 12 mm thick clear toughened glass held together with SS- 316 Grade Stainless steel Spider & bolt assembly with laminated glass fins 21 mm thick. The Glass fins and glass panel assembly shall be connected to Slab/beams by means of SS- 316 Grade stainless steel brackets & Anchor bolts and at the bottom using SS channel of 50x25x2mm using fastener & anchor bolts, non staining weather sealants of approved make, Teflon/ nylon bushes and separators to prevent bi-metallic contacts, all complete to perform as per specification and approved drawings. The complete system to be designed to accommodate thermal expansion & seismic movements etc. The joints between glass panels (6 to 8 mm) and gaps at the perimeter & in U channel of the assembly to be filled with non staining weather sealant, so as to make the entire system fully water proof & dust proof.				
	The rate shall include all design, Engineering and shop drawing including approval from structural designer, labour, T&P, scaffolding, other incidental charges including wastage, enabling temporary services all fitting fixers nut bolts, washer, Buffer plates, fastener, anchors, SS channel laminated glass etc. all complete. For the purpose of payment, actual elevation area of Glazing including thickness of joints and the portion of Glass panel inside the SS channel shall be measured.(FIX GLASS)	5.940	Sqm.	7260.51	43127.40
				G. TOTAL	85108563.41
				851.09	Lacs.

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DETAILED ESTIMATE OF PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT GANDHINAGAR DISTT.- UNNAO (U.P.)

Plumbing Work					
Sr. No.	Description	Unit	Qty	RATE	Amount (In Rs.)
	SUB HEAD-I-SANITARY INSTALLATIONS				
1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	40	5170.80	206831.98
2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
	W.C. pan with ISI marked white solid plastic seat and lid	Each	8	4978.37	39826.94
3	Providing & fixing toilet paper holder				
	C.P. brass	Each	8	614.09	4912.70
4	Providing and fixing Jaquar Make Hand Shower (Health Faucet) with 8mm Dia, 1.2 Meter Long Flexible Tube & Wall Hook of quality and make as approved by Engineer - in - charge.	Each	8	1458.00	11664.00
5	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	Each	13	1701.10	22114.27
6	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-				
	(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	Each	36	3026.16	108941.63
7	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	49	790.66	38742.56

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8	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	49	128.63	6302.97
9	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	49	177.23	8684.13
10	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	49	1228.59	60201.11
11	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 (including angle valve for WC flushing cistern & jet) 15 mm nominal bore	Each	222	438.81	97415.41
12	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	Each	222	74.69	16580.80
13	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 100 mm diameter	Each	41	148.19	6075.88
14	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	Each	5	512.27	2561.37
15	Providing and fixing CP Brass wall mixer of quality & make as approved by Engineer in charge. 15 mm nominal dia	Each	36	3600.00	129600.00
16	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Each	41	541.69	22209.32
17	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	41	85.16	3491.40
18	Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink withOUT drain board 610 X 460 mm bowl depth 200 mm	Each	21	2959.87	62157.33

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19	Providing & fixing PVC waste pipe for sink including PVC waste fittings Complete				
	Flexible Pipe				
	40mm Dia	Each	21	91.35	1918.25
20	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
	15mm nominal bore	Each	48	387.23	18587.19
21	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
	15mm nominal bore	Each	49	610.46	29912.42
22	Providing and fixing C.P. Brass extension nipple (size 15 mm x 50 mm) of approved make and quality as per direction of Engineer-in-charge.	Each	97	57.15	5543.82
23	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of of 430 x 260 x 350 mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standar flush pipe and cp brass spreaders with brass unions and g.i clamps complete, including painting of fitting and brackets, cutting and making good the walls and floors wherever required	Each			
	One urinal basin with 5 litre white p.v.c automatic flushing cistern.	Each	1	4693.59	4693.59
	Range of three urinal basin with 10 litre white p.v.c automatic flushing cistern.	Each	2	10061.97	20123.94
24	Providing and fixing stone slab with table rubbed , edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.				
	Granite Stone of approved shade	sqm	2.6	3095.92	8126.78
2.0	SUB HEAD-II-WATER SUPPLY				
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
	Concealed work , including cutting chases and making good the walls etc.				
	For Internal Toilet				
	15 mm nominal outer dia Pipes	Metre	300	380.36	114106.93
	20 mm nominal outer dia Pipes	Metre	400	410.77	164306.64

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२००० ई.स. १२ मार्च १२ दिनांक
१२ मार्च २००० ई.स. १२ दिनांक

2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	Internal work - Exposed on wall				
	20 mm nominal bore	Metre	180	255.97	46073.71
	25 mm nominal bore	Metre	200	306.81	61362.84
	32 mm nominal bore	Metre	106	396.36	41856.02
3	Providing and fixing GI pipes complete with GI fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on Wall				
	Terrace loop & Tank Filling Pipe				
	65 mm nominal bore	Metre	196	685.07	134273.61
	80 mm nominal bore	Metre	25	795.94	19898.42
4	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :				
	65mm diameter pipe	Metre	196	28.92	5668.37
	80mm diameter pipe	Metre	25	33.62	840.48
5	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
	65mm diameter pipe	Each	65	868.60	56748.55
	80mm diameter pipe	Each	8	922.96	7691.37
6	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	For vertical pipe connection with terrace ringmain				
	20 mm nominal bore	Each	54	412.56	22278.36
	25mm nominal bore	Each	20	475.56	9511.20
	32mm nominal bore (including valve for PRV Station)	Each	19	526.91	10011.21
	50mm nominal bore	Each	2	784.44	1568.87
	65mm nominal bore	Each	2	1331.13	2662.27
	80mm nominal bore	Each	1	1990.07	1990.07
8	Providing, Fixing, Testing & Commissioning of XLPE Insulation of 9mm thickness on hot water supply pipes. Astral or equivalent approved complete in all respect as directed by Engineer-in-charge.				
	15mm dia (9 mm thickness)	Metre	108	67.50	7276.50
	20mm dia (9 mm thickness)	Metre	90	63.00	5670.00
9	Supply, fixing, testing and commissioning of following Electrical Actuator Single Phase 220V AC Operated Wafer Type Butterfly Valve - IP65CB - 230VAC, as per specifications:-				
	Lehry Make Automatic OHT Level Control System Consist of Following Items				

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	1) LEHRY Make On-Off Type Electrical Actuator Single Phase 220V AC Operated Wafer Type Butterfly Valve with CI Body & SS Disc 2) Level Float Switch- 5M 3) Control Box (a) IP 65 Finishing(250 x 160 x 115)mm (b) LED Lamps: Tank FULL, Tank EMPTY, Power (c) Power supply toggle switch (d) Accepts 230V Single Phase power supply and provides 24VAC to float switch and 230VAC to valve coil. (e) Accepts NO/NC feedback from float switch.				
	65mm	Each	1	42601.50	42601.50
10	Pressure Reducing Valve (PRV) & its Valve Station				
	Providing , checking, storing, fixing in position of approved quality Screwed ends DIRECT ACTIVATED PRESSURE REDUCING VALVE WITH INTERNAL BALANCING LINE , SDT SEMI PILOT DIAPHRAGM OPERATED SCREWED FOR WATER / GAS /AIR. of the following sizes: The ratio of outlet pressure to inlet pressure should not be more than 1/3.				
	32mm dia.	Each	4	3379.50	13518.00
11	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required	No.	8	1139.24	9113.88
12	Providing and fixing MS pipe puddle flanges of required size with 600mm long with 6mm thick MS plate of size 300mm x 300mm of suitable size properly fixed in RCC walls of water tanks, including necessary welding complete in all respect as per details shown on drawings and directions of Engineer-in-charge for water tanks.				
	25mm dia.	Each	12	1161.00	13932.00
	50mm dia.	Each	6	1435.50	8613.00
	65mm dia.	Each	4	1570.50	6282.00
	80mm dia.	Each	5	1813.50	9067.50
	100mm dia.	Each	4	2272.50	9090.00
	150mm dia.	Each	15	3258.00	48870.00
	200mm dia.	Each	2	4572.00	9144.00
	250mm dia.	Each	1	6052.50	6052.50
	SUB HEAD : III - ROOFING				
1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS :13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	110 mm dia (for rain water)	Metre	280	288.36	80741.31
2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	Single Push Fit Coupler				
	110 mm dia	Each	40	97.50	3899.84

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	Single tee with door				
	110x110x110 mm	Each	10	178.91	1789.08
	Plain bend 87.5 deg				
	110 mm dia	Each	10	114.88	1148.79
3	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	110 mm dia	Each	144	283.70	40852.94
4	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	Each	10	227.89	2278.85
5	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.				
	All kind of soil				
	Pipes, cables etc. exceeding 80 mm dia . But not exceeding 300mm dia.	Metre	35	269.07	9417.41
6	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design:				
	100mm dia SW pipe	Metre	35	737.14	25799.94
	SUB HEAD : IV - INTERNAL DRAINAGE				


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8	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :				
	150 x 100mm size P-type				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	4	2089.13	8356.53
10	Excavating trenches by mechinical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.				
	All kind of soil				
	Pipes, cables etc. exceeding 80 mm dia . But not exceeding 300mm dia.	Metre	95	269.07	25561.55
11	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design:				
	100mm dia SW pipe	Metre	95	737.14	70028.41
TOTAL OF SUBHEAD-IV				Rs.	3205978.14
G.TOTAL					32.06


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PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT UNNAO U.P.			
SUMMARY OF COST INTERNAL ELECTRICAL WORKS			
S. No.	WORK	UNIT	AMOUNT
1	SUB-HEAD - I : INTERNAL WIRING	RS.	3272662.31
2	SUB-HEAD II - FANS & LIGHT FIXTURES:	RS.	799853.65
3	SUBHEAD- III: DISTRIBUTION BOARD	RS.	669312.70
4	SUBHEAD: - IV - MV PANEL	RS.	1435225.64
5	SUBHEAD: - V - EARTHING	RS.	59457.01
6	SUB-HEAD -VI- TELEPHONE & LAN SYSTEM	RS.	525078.66
7	SUB-HEAD -VII : L.T. CABLES	RS.	1532246.54
8	SUB-HEAD - VIII : CABLE TRAY	RS.	37657.89
10	SUBHEAD - IX :LIGHTING COUNDUCTOR	RS.	124623.32
	TOTAL		8456117.70
	GRAND TOTAL		84.56

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SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR

PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT UNNAO U.P.

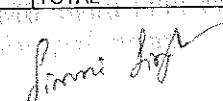

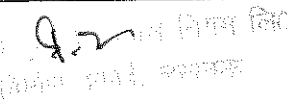
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
	SUB-HEAD - I : INTERNAL WIRING				
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.				
a)	Group - C	483	Point	1,286.52	6,21,389.16
2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.				
	Group -C	322	Point	750.47	2,41,651.34
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	805	Metre	201.59	1,62,275.93
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	1344	Metre	234.81	3,15,662.45
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	1150	Metre	281.62	3,23,716.44
	4 x 6 sq.mm + 2 x 6 sq.mm. earth wire	480	Metre	613.82	2,94,631.20
	4 x 10 sq.mm + 2 x 6 sq.mm. earth wire	480	Metre	813.89	3,90,667.20
	4 x 16 sq.mm + 2 x 6 sq.mm. earth wire	390	Metre	1,097.77	4,28,130.30
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 amps modular switch, connection etc. as required.	408	Each	411.48	1,67,881.80
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	209	Each	497.55	1,03,986.91
6	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	31	Each	609.29	18,887.84
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required	164	Each	303.51	49,775.64
8	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	81	Each	35.49	2,874.29
9	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
	5/6 A switch	408	Each	91.36	37,272.84
	3 pin 5/6 A socket outlet	408	Each	102.68	41,893.44
10	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	485	Each	78.52	38,082.20
11	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	164	Each	166.59	27,320.88
12	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	164	Each	40.02	6,562.46
	TOTAL				3272662.31
	SUB-HEAD II - FANS & LIGHT FIXTURES:				

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13	LED Down lighter (SMD Type) (System lumen efficacy >135lm/Watt) Supplying, installation, Testing & Commissioning of LED Recessed/surface Down lighter (Round /square/Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range - 5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.>0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), life time of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K/ 4000°K /5700°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with: 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body including trim .				
	8-10 watt	274 ✓	Each	496.04	1,35,913.59
14	LED Batten light (System lumen efficacy >135 lm/Watt) Supplying, installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency >85% ,Operating voltage AC 140- 270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.>0.95, IP20, CRI >80, Flicker free (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)				
	18- 22 Watt	263 ✓	Each	594.19	1,56,270.66
15	Supplying of Bulkhead type light fitting complete with, wire guard, holder, electronic ballast 1 x 10 W lamp including connections etc.Including connection with 1.5 sqmm FRLS PVC insulated copper conductor as required.	28 ✓	Each	1505.70	42159.60
16	Brush Less Direct Current (BLDC) Fan with Remote Supply, Installation, Testing and Commissioning of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal(Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body. Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, remote (preferably mobile app based) for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 0C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC supply Ceiling Fan compliant to IS 374:2019 fan i/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required.	164 ✓	Each	2,034.73	3,33,694.90
17	Supplying of following size exhaust fan complete with gravity louver and connection with 3 core flexible wire as required. 300mm EXHAUST FAN	61 ✓	Each	2160.90	131814.90
	TOTAL				799853.65

	SUBHEAD- III: DISTRIBUTION BOARD				
18	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required				
	100 A, 30KA, FPMCCB	1 ✓	Each	6,135.89	6,135.89
19	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	8 way, Double door	10 ✓	Nos.	2,093.62	20,936.15
20	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	6 way Double door	16 ✓	Nos.	4,000.75	64,011.92
	8 way Double door	7 ✓	Nos.	4,784.44	33,491.05
	12 way Double door	3 ✓	Nos.	7029.00	21087.00
21	Supplying and fixing following way surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TP DB is normally used where 3 phase outlet are required.)				
	4 way (4 + 12), Double door	11 ✓	Nos.	6,003.01	66,033.06
22	Supplying and fixing TP/FP sheet steel enclosure on surface/ recess. Suitable for upto 125 A 415 V MCCB complete with connections, testing and commissioning etc. as required.	38 ✓	Each	2700.00	102600.00
23	Supplying and fixing following rating, four pole, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required				
	40 amps TP MCB	28 ✓	Each	1743.30	48812.40
	63 amps TP MCB	3 ✓	Each	1823.40	5470.20
	40 amps 4P MCB	16 ✓	Each	2301.30	36820.80
	63 amps 4P MCB	8 ✓	Each	2392.20	19137.60
	100 amps 4P MCB	5 ✓	Each	8733.60	43668.00
24	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single pole	415 ✓	Nos.	215.18	89,297.63
	Double pole	10 ✓	Nos.	525.48	5,254.80
	Triple pole	6 ✓	Nos.	807.85	4,847.10
25	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	42 ✓	Each	10.57	438.66
26	Supplying and fixing 1P LCD Energy Meter 5-30A with BOX	11 ✓	Each	1808.10	19889.10
27	Supplying and fixing 3Ph 4 W kWh Dir base mtg 240V 10- 60 A Energy Meter	11 ✓	Each	4477.50	49252.50
28	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	31 ✓	Each	949.79	29,443.49
29	Supplying and fixing 4P sheet steel enclosure on surface/ recess complete with connections, testing and commissioning etc. as required.	1 ✓	Each	612.90	612.90
30	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.				
	90 mm dia (OD-90 mm & ID-76 mm nominal)	15 ✓	Metre	138.17	2,072.48
	TOTAL				669312.70
	SUBHEAD: - IV - MV PANEL				

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31	Supply, installation, testing and commissioning of electrical panel, modular type, front accessible only, free floor standing conforming to Minimum IP:43 degree of protection. The panel sheet structure shall undergo seven tank pre-treatment process before painting. The sheet steel shall be all of 2.0mm thick CRCA sheet. All the openable compartments of the panel shall be completely shrouded and provided with padlocking arrangement on all compartments including bus bar and cable alley chambers. The panel height shall not exceed 2200mm and the maximum operating height for any switchgear shall not be more than 1700mm. The panel shall be provided with minimum 75mm base channel frame fabricated from ISMC sections. All bus bar links in the panel shall be solid bus bars with coloured PVC shrinkable sleeves, no wires will be acceptable. Continuous earth bus shall run around the panel with earthing studs provided at minimum 2 places. The control wiring shall be carried out with minimum 1.5/2.5 sqmm copper wires and adequate number of NO/NC, potential free contacts incorporated for remote operation of the starters. Proper sized cable termination gland plates shall be provided on cable alleys and knockouts for same shall be provided during fabrication stage itself. The panel shall be provided with a thermostatically controlled heating arrangement (200 W) to take care of high humidity conditions. A 5A socket service outlet (single phase) shall be provided in one of the compartments as ervice outlet in the panel. Panel shall be so designed at to have minimum 20% spare feeders/space. Panel shall undergo epoxy powder coated paint, colour as per IS:5 requirement. All cable terminations shall be from top. The complete panel shall be fuse less type, for control circuits 2A/6A MCB's to be used. All bus bars shall be of aluminium, electrolytic grade only. Maximum design density shall not exceed 1 Amps/Sqmm. All bus bars shall be insulated with coloured heat shrinkable PVC sleeved. All bus bar supports shall be non hygroscopic DMC/SMC supports.				
	The panel shall be manufactured in conformance to requirements of local electrical inspector and it shall be contractors responsibility to get initial approval of drawings and also final approval of complete electrical works related to this section.				
	The minimum clearances between bus bars shall be as follows :				
	Phase to phase - minimum 20mm				
	Phase to neutral-minimum 15mm				
	i. MAIN LT PANEL				
	Incoming :				
	2 No 400 Amp. MCCB of 25 KA Breaking capacity(Transformer 1)				
	2 No 320 Amp. MCCB of 25 KA Breaking capacity(DG 1)				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	2 No. 500 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	2 No. 400 Amp 4P MCCB of 25KA Breaking capacity				
	2 No. 250 Amp 4P MCCB of 25KA Breaking capacity				
	3 No. 160 Amp 4P MCCB of 25KA Breaking capacity				
	1 No. 125 Amp 4P MCCB of 25KA Breaking capacity				
	1 No. 100 Amp 4P MCCB of 25KA Breaking capacity				
	3 No. 63 Amp 4P MCCB of 25KA Breaking capacity				
	2 No. 40 Amp 4P MCCB of 25KA Breaking capacity				
	2 No. Space for Spare				
	Panel described as above	1	Nos.	525438.90	525438.90
	ii EM SIDE PANEL				
	Incoming :				
	1 No. 160 Amp 4P MCCB of 25 KA Breaking capacity Transformer Side				
	1 No. 63 Amp 4P MCCB of 25 KA Breaking capacity(DG Side				
	1 No. 160 Amp 4P MCCB of 25 KA Breaking capacity Bus Coupler				
	Metering :				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	2 No. 200 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	1 No. 160 Amp 4P MCCB of 16KA Breaking capacity (Power VTPN)				
	2 No. 100 Amp 4P MCCB of 16KA Breaking capacity (Power VTPN+Spare				
	7 No. 63 Amp 4P MCCB of 16KA Breaking capacity (Light VTPN+Spare				
	2 No. Space for Spare				
	Panel described as above	1	Nos.	358970.85	358970.85
	iii Lift Panel				
	Incoming :				
	1 No. 125 Amp 4P MCCB of 25 KA Breaking capacity				
	1 No. 125 Amp 4P MCCB of 25 KA Breaking capacity Changeover				
	Metering :				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				

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	Bus Bar : 1 No. 160 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing : Phase indication lamps on each outgoing to be provided. 3 No. 63 Amp 4P MCB of 16KA Breaking capacity 3 No. 32 Amp 4P MCB of 16KA Breaking capacity 2 No. Space for Spare Panel described as above	1 ✓	Nos.	73773.00 ✓	73773.00 ✓
iii	UPS Panel Incoming : 2 No. 63 Amp 4P MCCB of 25 KA Breaking capacity Metering : 1 Set of CT's & Multifunction Meter For all Incoming & Outgoing 1 Set of Phase Indication Lamp For all Incoming & Outgoing Bus Bar : 1 No. 100 Amp.TPN aluminium bus bar of suitable length. Outgoing : Phase indication lamps on each outgoing to be provided. 3 No. 63 Amp 4P MCB of 16KA Breaking capacity 2 No. 40 Amp 4P MCB of 16KA Breaking capacity 2 No. Space for Spare Panel described as above	1 ✓	Nos.	34875.00 ✓	34875.00 ✓
iii	METER BOARD Panel Incoming : 1 No. 250 Amp 4P MCCB of 25 KA Breaking capacity Metering : 1 Set of CT's & Multifunction Meter For all Incoming & Outgoing 1 Set of Phase Indication Lamp For all Incoming & Outgoing Bus Bar : 1 No. 315 Amp.TPN aluminium bus bar of suitable length. Outgoing : Phase indication lamps on each outgoing to be provided. 20 No. 63 Amp 4P MCB of 16KA Breaking capacity 1 No. 40 Amp 4P MCB of 16KA Breaking capacity 2 No. Space for Spare Panel described as above	1 ✓	Nos.	168750.00 ✓	168750.00 ✓
iii	CAPACITOR PANEL SITC APFC Panel of 160 KVAR capacity suitable for operation on 415 + 5% Volt, 3 Phase, 50Hz, AC supply, having MPP type, resin bounded, static 5,10,15,25 KVAR capacitors (without oil) in tier formation complete with following TPN MCCB as in comer of the panel, 8 step microprocessor based power factor controller relay capable to select the rating from 1 KVAR to multiples thereon up to max rating of the panel, current limiting contactors for each capacitors protected with MCBs, Ammeter (Analogue type) with CTs, Voltmeter (Analogue type) selector switches indicating lights, cooling fans for panel, earthing the panel with 2 Nos. 25mm x 5mm thick GI steel flat from existing earth bar, connection of APFC panel with suitable size 3.5 core aluminium conductor armoured XLPE cable from main LT panel (maximum length of cable 10 mtrs.) and compression glands etc. as reqd. The panel should have provision of timer based circuit in APFC relay to switch ON and OFF the static part automatically as and when required. Capacity of Static capacitors should be accommodated from the overall rating of the panel and should be designed to switch in independently. The panel should be manufactured with 1.6mm thick CRCA sheet duly powder coated.				
	Incoming One (1) No 400 Amp. 4P MCCB of 35 KA Breaking capacity BUS BAR 1 Set of 500Amps TPN Aluminium Bus Bars OUT GOING 05 No. 63 Amps. TP MCCB (25 KA)-20 KVAR 05 No. 32 Amps. TP MCCB (25 KA)- 10 KVAR 02 No. 25 Amps. TP MCCB (25 KA)- 5 KVAR Panel described as above	1 ✓	Set	2,73,417.89 ✓	2,73,417.89 ✓
	TOTAL				1435225.64 ✓
	SUBHEAD: - V - EARTHING				
32	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required. Details of cost for one each	1 ✓	Each	237.83 ✓	237.83 ✓
33	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories , and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but with charcoal or coke and salt) as required.	6 ✓	Set	6,305.01 ✓	37,830.03 ✓
34	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	120 ✓	Meter	120.80 ✓	14,496.00 ✓

उपरोक्त प्रमाणित किया गया है
निर्माण इकाई, राखनऊ

महानगर प्रभियन्ता
राखनऊ
निर्माण नियम लि०

उपरोक्त प्रमाणित किया गया है
निर्माण इकाई, राखनऊ

35	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	20	Metre	236.32	4,726.30
36	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.	10	Meter	216.69	2,166.85
	TOTAL				59457.01
	SUB-HEAD -VI- TELEPHONE & LAN SYSTEM				
37	Supplying, drawing, connecting and testing of 0.5 mm dia annealed copper conductor PVC insulated PVC sheathed telephone wire in existing conduit/wire way duct etc. as required of following sizes:				
a.	2 Pair (4 core)	350	Metre	29.45	10,305.75
38	Providing, laying, connecting and testing of multi-core telephone armoured cable of conductor size 0.5mm dia annealed copper conductor PVC insulated PVC sheathed jelly filled (as per DOT specification) cable along wall or ceiling or through existing pipe.				
	50 Pair telephone cable	100	Metre	727.20	72720.00
	20 Pair telephone cable	60	Metre	342.90	20574.00
	10 Pair telephone cable	40	Metre	238.50	9540.00
	5 Pair telephone cable	85	Metre	315.00	26775.00
39	Providing, fixing connecting and testing of under noted size of solderless telephone tag block Krone make in surface/recess in wall required size of M.S. box with hinged lockable cover duly stove enamel painted.				
	5 Pair tag block	2	Each	2277.00	4554.00
	10 pair tag block	4	Each	3115.80	12463.20
40	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20mm dia PVC conduit	950	Metre	114.01	1,08,304.75
b)	25mm dia PVC conduit	450	Metre	126.84	57,078.00
c)	32mm dia PVC conduit	225	Metre	157.80	35,503.88
41	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required				
	1 or 2 Module (75mmX75mm)	120	Each	267.27	32,072.40
42	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
	Telephone socket outlet	28	Each	126.84	3,551.52
	TV antenna socket outlet	63	Each	126.84	7,990.92
	Bell Push	18	Each	120.05	2,160.81
	RJ-45 Data Socket outlet	29	Each	563.40	16338.60
43	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	18	Each	84.56	1,522.08
44	Supplying, drawing, Installation, Testing and commissioning of CAT6 UTP LSZH 23AWG Twisted Pair Cable in existing conduit/ on surface, Category 6 Unshielded Twisted Pair, 4 pair should be complied as per UL/ETL verification program for compliance with ANSI/TIA-568.2-D standard. Outer diameter should be in the range of 6.1mm nominal with Operating Temperature Range : -5° to +60°C, Bending Radius : < 4 X Cable Diameter at -5°C ± 1°C and Pulling Force : 11.5Kg etc. complete as required.				
	1 run of cable	870	Metre	45.30	39,411.00
45	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	1575	Metre	40.77	64,212.75
	TOTAL RS.				525078.66
	SUB-HEAD -VII : L.T. CABLES				
46	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required				
	Up to 35 sq.mm.	50	Metre	85.49	1,774.25
	Above 35 sq.mm. and up to 400 sq.mm.	15	Metre	128.35	1,925.25

उ०प्र० पुनिस आवास निगम लि०
निर्माण विभाग, लखनऊ

उ० प्र० पुनिस आवास निगम लि०
निर्माण विभाग, लखनऊ

उ०प्र० पुनिस आवास निगम लि०
निर्माण विभाग, लखनऊ

33

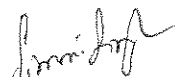
47	Supply of following size of 1.1KV grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS 7098:1988 with up to date amendment				
	3.5 x 300 sq.mm.	240 ✓	Metre	3,051.00	7,32,240.00
	3.5 x 95 sq.mm	211 ✓	Metre	1,066.50	2,25,031.50
	3.5 x 70 sq.mm	150 ✓	Metre	853.20	1,27,980.00
	3.5 x 50 sq.mm	100 ✓	Metre	630.90	63,090.00
	3.5 x 35 sq.mm	150 ✓	Metre	470.70	70,605.00
	3.5 x 25 sq.mm.	150 ✓	Metre	381.60	57,240.00
	4 x 25 sq.mm	255 ✓	Metre	369.00	94,095.00
	4 x 16 sq.mm	250 ✓	Metre	355.50	88,875.00
48	Supplying and making cable end terminations with brass compression gland and aluminium lugs for following size of PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade, complete as required.				
	2 X 6 sq. mm (19mm)	12 ✓	Each	221.97	2,663.64
	3½ X 25 sq. mm (28mm)	4 ✓	Each	280.11	1,120.42
	3½ X 35 sq. mm (32mm)	4 ✓	Each	329.94	1,319.74
	3½ X 300 sq. mm (70mm)	4 ✓	Each	1,008.68	4,034.72
	4 X 16 sq. mm (28mm)	4 ✓	Each	276.33	1,105.32
49	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				
	100 mm dia	10 ✓	Meter	1,448.09	14,480.90
50	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc as required.				
	150 mm dia	60 ✓	Meter	638.73	38,323.80
51	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.				
	90 mm dia (OD-90 mm & ID-76 mm nominal)	25 ✓	Metre	253.68	6,342.00
	TOTAL				1532246.54 ✓
	SUB-HEAD - VIII : CABLE TRAY				
52	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	25 ✓	Meter	569.27	14,231.75
	150 mm wide x 50 mm depth x 1.6 mm thickness.	8 ✓	Meter	606.27	4,850.12
	300 mm wide x 50 mm depth x 1.6 mm thickness.	5 ✓	Meter	801.81	4,009.05
53	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "bends" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	2 ✓	EACH	945.26	1,890.52
	150 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,032.84	1,032.84
	300 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,492.64	1,492.64
54	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "Tee" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	2 ✓	EACH	1,077.39	2,154.77
	150 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,121.93	1,121.93
	300 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,731.97	1,731.97

उपरोक्त प्रमाणित
निर्माण इकाई-राजमंडल


सहयोगी अभियन्ता
उपरोक्त प्रमाणित
निर्माण इकाई-राजमंडल

इकाई प्रभारी
उपरोक्त प्रमाणित
निर्माण इकाई, राजमंडल

55	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "Reducer" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastener etc as required.			-	-
	100 mm wide x 50 mm depth x 1.6 mm thickness.	1	EACH	1,337.11	1,337.11
	150 mm wide x 50 mm depth x 1.6 mm thickness.	1	EACH	1,547.00	1,547.00
	300 mm wide x 50 mm depth x 1.6 mm thickness.	1	EACH	2,258.21	2,258.21
				-	-
	TOTAL				37657.89
	SUBHEAD - IX :LIGHTING COUNDUCTOR				
57	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories , and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but with charcoal or coke and salt) as required. For lightning Conductor	6	Each	6,305.01	37,830.03
				-	-
58	Providing and fixing of lightning conductor finial , made of 25mm dia 300mm long Copper tube, having single prong at top, with 85mm dia 6mm thick G.I. base plate including holes etc. complete as required.	2	Each	459.80	919.59
				-	-
59	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	20	Each	104.95	2,098.90
				-	-
60	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	220	Metre	111.74	24,582.80
				-	-
61	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	300	Metre	179.69	53,907.00
				-	-
62	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	50	Set.	105.70	5,285.00
				-	-
	TOTAL RS.				124623.32


 J. S. Singh
 10/10/2020


 P. Singh
 10/10/2020


 P. Singh
 10/10/2020

SUMMARY SHEET OF FIRE-FIGHTING WORK		
Sr.No.	ITEMS	AMOUNT
		9329640.57
1	TOTAL COST FOR FIRE FIGHTING SERVICES (P-44)	
2	TOTAL COST FOR FIRE ALARM SERVICES (P-46)	2073726.79
	TOTAL Rs.	11403367.36
	SAY IN LACS	114.03

अवर अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

इकाई प्रभारी
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

DETAILED ESTIMATE OF PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT GANDHINAGAR DISTT.- UNNAO (U.P.)					
SCHEDULE OF QUANTITIES FOR FIRE FIGHTING SYSTEM					
Sr. No.	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	Amount (In Rs.)
SUB HEAD-I: FIRE PUMP ROOM & EXTERNAL WORKS					
1	FIRE PUMPS - ELECTRICAL Supplying, installation, testing and commissioning of Electric driven Main Fire Pump suitable for automatic operation and consisting of following, complete in all respects, as required : (a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (b) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz, AC supply with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.				
	2850 lpm at 88 m Head	Set	2	358919.45	717838.90
2	FIRE PUMPS - DIESEL ENGINE DRIVEN Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required : (Diesel Driven Pump) Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. M.S. fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads				
	2850 lpm at 88 m Head	Set	1	532416.91	532416.91
3	JOCKEY PUMP:- Supplying, installation, testing and commissioning of electric driven pressurisation pump suitable for automatic operation and consisting of following, complete in all respects, as required : (Jockey Pump) Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS : 1520. Suitable HP squirell cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS : 325. M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads.				
	180 lpm at 88m Head	Set	2	101299.11	202598.21
4	Providing & fixing of pressure switch in M.S. pipe line including connection etc. as required.	Nos.	5	1260.85	6304.25

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5	Pressure Vessel Providing, fixing, testing and commissioning of pressure vessel for pressurization of fire system complete with valves at outlet / drain to operate as per operating sequences including 25 mm dia drain valve, air release valve with stop cock on the top, outside with one coat of primer & two coats of synthetic enamel paint of approved shade complete as required to operate commonly main fire pump, sprinkler pump & jockey pump at drop of pressure, automatically at required pressure setting. It should be complete as per manufacturer's specifications & as directed by Engineer- in-charge. working pressure:- 7 kg/sqcm test pressure:- 10 kg/sqcm (450 mm dia & 2000 mm height)	Nos.	2 ✓	32850.00 ✓	65700.00 ✓
6	Providing & fixing of Anti vibration Expansion Bellow at pump inlet and outlet etc. as required. 200 mm dia. 150 mm dia. 100 mm dia. 80 mm dia.	Nos.	3 ✓ 3 ✓ 2 ✓ 2 ✓	16650.00 ✓ 11250.00 ✓ 9450.00 ✓ 7650.00 ✓	49950.00 ✓ 33750.00 ✓ 18900.00 ✓ 15300.00 ✓
7	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required	No.	7 ✓	1125.71 ✓	7879.94 ✓
8	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : 200 mm dia. 150 mm dia. 100 mm dia. 80 mm dia.	Nos.	3 ✓ 3 ✓ 2 ✓ 8 ✓	12267.24 ✓ 7351.44 ✓ 5489.61 ✓ 4081.53 ✓	36801.72 ✓ 22054.31 ✓ 10979.21 ✓ 32652.24 ✓
9	Providing, installation, testing and commissioning of non-return valve of following sizes conforming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required : 200 mm dia. 150 mm dia. 80 mm dia.	Nos.	1 ✓ 2 ✓ 1 ✓	23326.48 ✓ 14257.42 ✓ 6232.53 ✓	23326.48 ✓ 28514.84 ✓ 6232.53 ✓
10	Providing, installation, testing and commissioning of stainless steel Y-strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flange. 200 mm dia.	Nos.	1 ✓	17796.11 ✓	17796.11 ✓
11	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required. (EXTERNAL WORKS) 150 mm dia. 100 mm dia. 80 mm dia.	Rmt	310 ✓ 30 ✓ 20 ✓	3853.52 ✓ 3150.00 ✓ 2520.00 ✓	1194591.20 ✓ 94500.00 ✓ 50400.00 ✓
12	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : (PUMP ROOM WORKS) 80 mm nominal bore 100 mm nominal bore 150 mm nominal bore 200 mm dia (wall thickness 6.3 mm) 250 mm dia (wall thickness 6.3 mm)	Rmt	22 ✓ 22 ✓ 22 ✓ 22 ✓ 11 ✓	1719.14 ✓ 2323.14 ✓ 3245.75 ✓ 4998.10 ✓ 6057.37 ✓	37820.97 ✓ 51108.97 ✓ 71406.39 ✓ 109958.20 ✓ 66631.02 ✓

अवर जेनरल
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई-तखनऊ

सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
तखनऊ

इकाई अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, तखनऊ

13	Providing, fixing, testing & commissioning of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm when the wet riser/sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required :				
	150mm dia	Nos.	1 ✓	38357.78 ✓	38357.78 ✓
14	Supplying and fixing Single headed external yard hydrant valve with 1 No. 63 mm dia instantaneous FM Gunmetal/Stainless Steel coupling and cast iron wheel, ISI marked, conforming to IS 5290 (type A) with blank Gunmetal/Stainless Steel cap and chain as required :				
	Single headed Gunmetal	Set	6 ✓	6197.04 ✓	37182.24 ✓
15	Supplying and fixing orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm ² complete as required.	Nos.	6 ✓	1084.18 ✓	6505.08 ✓
16	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required :				
	Gun metal	Set	12 ✓	4118.53 ✓	49422.30 ✓
17	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required :				
	Gun metal	Set	6 ✓	3757.64 ✓	22545.81 ✓
18	Providing and fixing standard fire mans axe with heavy duty insulated rubber handle.	Set	6 ✓	1476.00 ✓	8856.00 ✓
19	Providing & Fixing of M.S. fire hose weather proof cabinet (750x600x250mm) made out of 16 gauge M.S. sheet capable of accommodating landing valve, hose pipes, fittings & accessories. The box shall have a front glass door with lock and key arrangement & shall be painted with one coat of primer & two coat of finished stove enamelled post office red colour paint & "FIRE HOSE" written on front.	Sets	6 ✓	4365.00 ✓	26190.00 ✓
20	Supplying and fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd. for suitable dia MS pipe connection conforming to IS 904 as required :				
	2 way - 100 mm dia M.S. Pipe (Siamese Connection)	Set	1 ✓	5482.81 ✓	5482.81 ✓
	4 way - 150 mm dia M.S. Pipe	Set	1 ✓	11189.10 ✓	11189.10 ✓
	TOTAL OF SUBHEAD-I				3711143.49 ✓
SUB HEAD-II: INTERNAL FIRE FIGHTING WORKS (HYDRANT SYSTEM)					
1	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required (for terrace booster pump)	No.	2 ✓	1125.71 ✓	2251.41 ✓
2	Providing, installation, testing and commissioning of stainless steel Y-strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flange.				
	100 mm dia.	Nos.	1 ✓	5488.85 ✓	5488.85 ✓

140 Jimmi Bp
 30/05/2018 10:00 AM
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30/05/2018 10:00 AM
 30/05/2018 10:00 AM

3	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
	100 mm dia.	Nos.	3	5489.61	16468.82
4	Providing, installation, testing and commissioning of non-return valve of following sizes conforming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :				
	100 mm dia.	Nos.	1	8949.02	8949.02
5	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :				
	80 mm nominal bore	Rmt	20	1719.14	34382.70
	100 mm nominal bore	Rmt	132	2323.14	306653.82
6	Supplying and fixing single headed internal hydrant valve with instantaneous Gunmetal/Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required :				
	Single headed Gunmetal	Set	20	6197.04	123940.80
7	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required.				
	20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS: 12585				
	20 mm nominal internal dia gun metal globe valve & nozzle. Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket.				
	40 m	Set	20	12860.67	257213.40
8	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required :				
	Gun metal	Set	40	4118.53	164741.00
9	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required :				
	Gun metal	Set	20	3757.64	75152.70
10	Providing and fixing standard fire mans axe with heavy duty insulated rubber handle.	Set	20	1476.00	29520.00
11	Providing of FHC Door made of 16 gauge MS Sheet with frame of size 105x70mm complete door and frame assembly including all hardware (Concealed Flush handle, Allen Key Lock, MS Hinges, 5mm Thick Float glass) & accessories . The door to be painted with fire resistance paint. The scope shall also include the painting of the frame with the same paint as the shutter or complete as per direction of Engineer-in-charge. (Approx. size of door: 900mm Wide & 1500mm Height)	Sets	20	8550.00	171000.00
12	Supplying and fixing orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm2 complete as required.	Nos.	20	1084.18	21683.60

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प्रमुख प्रभारी
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निर्माण इकाई, लखनऊ

13	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	No.	2 ✓	14382.17 ✓	28764.35 ✓
TOTAL OF SUBHEAD-II					1246210.46 ✓
SUB HEAD-III: SPRINKLER SYSTEM					
1	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories :				
	Pendent type sprinkler	Nos.	289 ✓	452.25 ✓	130698.81 ✓
	Upright Sprinkler	Nos.	123 ✓	452.25 ✓	55626.14 ✓
	Horizontal side wall sprinkler	Nos.	93 ✓	527.75 ✓	49080.29 ✓
2	Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL Listed or FM approved complete as required.	Each	123 ✓	199.32 ✓	24516.36 ✓
3	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stockbar of following sizes complete as required.				
	Length upto 700 mm	Each	505 ✓	1128.73 ✓	570006.13 ✓
4	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :				
	150 mm nominal bore	Rmt	77 ✓	3245.75 ✓	249922.37 ✓
	100 mm nominal bore	Rmt	50 ✓	2323.14 ✓	114995.18 ✓
	80 mm nominal bore	Rmt	110 ✓	1719.14 ✓	189104.85 ✓
	65 mm nominal bore	Rmt	165 ✓	1476.03 ✓	243544.13 ✓
	50 mm nominal bore	Rmt	286 ✓	1175.54 ✓	336203.01 ✓
	40 mm nominal bore	Rmt	275 ✓	950.55 ✓	261399.88 ✓
	32 mm nominal bore	Rmt	84 ✓	784.45 ✓	65579.60 ✓
	25 mm nominal bore	Rmt	759 ✓	694.60 ✓	527201.40 ✓
5	Providing & fixing flow switch in following sizes M.S. pipe including connection etc as required.				
	100mm dia	Nos.	20 ✓	6092.10 ✓	121841.90 ✓
6	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
	100 mm dia.	Nos.	5 ✓	5489.61 ✓	27448.03 ✓
	65 mm dia.	Nos.	12 ✓	3557.56 ✓	42690.72 ✓
	50 mm dia.	Nos.	23 ✓	3106.07 ✓	71439.61 ✓
7	Supplying, installation, testing & commissioning of Test and Drain Valve Assembly, including accessories such as test valve, unions, sight glass & drain valve for 50mm pipes size complete as required.	Set	20 ✓	5040.00 ✓	100800.00 ✓

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8	Supplying, installation, testing and commissioning of annunciation panel made out of not less 1.6 mm thick CRCA sheet powder coated in approved colour with locking arrangement, audio and visual indication of fault and operation of automatic sprinkler, system monitoring including providing and fixing the following, connections interconnections etc. complete as required. The Panel shall be Micro processor type/solid state type. a) Monitoring Nos. of flow switches. b) Monitoring the open circuit, short circuit & earth fault in control cable between panel and flow switches. c) Battery charger trickle cum boost to take complete load of annunciation panel complete with indication of low battery voltage, mains failure and other accessories including providing and fixing of 2 Nos. 12 volts 24 AH each sealed maintenance free batteries. d) Audible alarm	Set	1	121500.00/-	121500.00/-
TOTAL OF SUBHEAD-III					3303598.37
SUB HEAD-IV: FIRE EXTINGUISHER					
1	Supply and fixing of CO2 type fire extinguisher 4.5 kg. capacity (ISI Marked IS : 2878 & TAC approved) complete with initial charge and wall bracket, along with supply of all materials and labour for proper completion of work.	Each	20	10782	215640
2	Supply and fixing of fire extinguisher, ABC Type 6.00 kg. capacity (ISI Marked IS : 15683 & TAC approved) complete with initial charge and wall bracket, along with supply of all materials and labour for proper completion of work.	Each	20	8190	163800
3	Providing and fixing Fire related signages printed on photoluminescent U1000 aluminium sheet of 1.0 mm (+/-10%) containing Lumigen II as base chemical, covered under UV stabilized coating and of appropriate size including fixing on wall, door, ceiling etc. with proper clamps, hangers, cleats, anchor fasteners etc. complete in all respects as directed by Engineer-in-charge.	Nos.	20	900	18000
TOTAL OF SUBHEAD-IV					397440.00
SUB HEAD-V: ELECTRICAL WORKS					
FIRE FIGHTING PANEL					
1	Fabrication, supply, Installation testing & commissioning of Electrical control panel of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalised with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, interconnection with suitable size copper conductor cable/solid copper strip, having switchgears and accessories, mountings and internal wiring, earth terminals, numbering etc. complete in all respect, suitable for main fire pump, pressurisation pump & diesel pump set complete as per CPWD specification with following in coming and Outgoings, suitable for operation on 415V, 3 phase, 50Hz Ac Supply with enclosure protection class IP 42 as required :				
INCOMING					
	800A, 50kA 4 Pole MCCB, Ics=100% Icu rating Digital Voltmeter 0 500V with selector switch Digital Ammeter (0-800 A) with selector switch & CTs etc. LED type RYB phase indicating lamps, ON, OFF, trip indicating lamps Set of Copper Bus Bar 1000A				
OUTGOING					
	(Note : All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps)				

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	Main Fire Pump 250 A, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 100 HP pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. -2 sets				
	Jockey Pump 125 A, 50kA TPN MCCB, Ics=100% Icu, with suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. -2 sets				
	DIESEL ENGINE CONTROL Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0- 20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller Designing, Supply, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specification	Set	1 ✓	480212.85 ✓	480212.85 ✓
2	Supply, installation , testing & commissioning of XLPE insulated and PVC outer sheathed Aluminium conductor armoured cable of 1.1 KV grade confirming to IS : 7098:1988 (with upto date amendments) of following sizes.				
	3-1/2 core, X 120 sqmm.	Mtr	55 ✓	741.60 ✓	40788 ✓
	4 Core, X 6 sqmm.	Mtr	55 ✓	248.40 ✓	13662 ✓
3	Supplying and making end termination with brass compression gland & Al.lugs for following sizes of PVC insulated, PVC sheathed/ XLPE Al.conductor cables of 1.1 KV grade as required.				
	3-1/2 core, X 120 sqmm.	Nos.	12 ✓	218.70 ✓	2624.4 ✓
	4 Core, X 6 sqmm.	Nos.	8 ✓	68.40 ✓	547.2 ✓
4	Supplying and laying control wiring with multicore copper stranded conductor of following sizes PVC insulated, PVC sheathed armoured cable between various sensors and system controller/starter etc.in pump house & out side on surface/existing cable tray complete with connections at both end with glands etc.as required				
	8 x 2.5 sq.mm	Mtr	55 ✓	504.00 ✓	27720 ✓
	6 x 2.5 sq.mm	Mtr	55 ✓	382.50 ✓	21037.5 ✓
	4 x 2.5 sq.mm	Mtr	55 ✓	238.50 ✓	13117.5 ✓
	2 x 2.5 sq.mm	Mtr	55 ✓	130.50 ✓	7177.5 ✓
5	Supply and fixing in position 1 m wide Insulation mat made of elastomeric polymers Material (Class -A) of 415V grade as per IS 15642-2006 . Thickness of insulation mat shall be not less than 2 mm to withstand 1.1 KV dielectric strength AS PER IS 15652 : 2006. It should be complete as per specifications & directions of Engineer-in-charge. It should be complete as per specifications & directions of Engineer-in-charge.	Mtr	10 ✓	738.90 ✓	7389.00 ✓

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6	Supplying and installing following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastener etc as required.				
	150 mm width x 50mm depth x 1.6 mm thickness.	Mtr	110	517.93	56972.30
	TOTAL OF SUBHEAD-V				671248.25
	TOTAL COST FOR FIRE FIGHTING SERVICES				93,29,640.51

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निर्माण इकाई, लखनऊ

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DETAILED ESTIMATE OF PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT GANDHINAGAR DISTT.- UNNAO (U.P.)					
SCHEDULE OF QUANTITIES FOR FIRE ALARM SYSTEM					
S.N.	DESCRIPTION OF ITEM	UNIT	QTY.	RATE	AMOUNT
SUB HEAD-I: INTERNAL FIRE ALARM SYSTEM					
1	Supplying, installation, testing and commissioning of micro processor based intelligent addressable main fire alarm panel , central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors per loop and loop length up to 2 km, network communication card, minimum 320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM), power supply unit (230± 5% V, 50 hz), 48 hrs back-up with 24 volt sealed maintenance free batteries with automatic charger. The panel shall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system (which is part of the schedule of work under SH: PA System) and shall be complete with all accessories . The panel shall be compatible for IBMS system with open protocol BACnet/ Modbus over IP complete as per specifications.				
	Two Loop Panel.	Each	1 ✓	189067.10 ✓	189067.10 ✓
2	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	Each	150 ✓	2268.02 ✓	340203.00 ✓
3	Supplying, installation, testing & commissioning of response indicator on surface/recessed MS Box having two LED, metallic cover complete with all connections etc as required.	Each	135 ✓	231.03 ✓	31189.05 ✓
4	Supplying, installation, testing & commissioning of addressable manual call point complete as required.	Each	20 ✓	3067.57 ✓	61351.30 ✓
5	Supplying, installation, testing & commissioning of intelligent addressable programmable sounder complete as required.	Each	20 ✓	2104.19 ✓	42083.70 ✓
6	Supplying, installation, testing & commissioning talk back slave station in surface/recess suitable for operation on simplex mode complete with P.T.T. knob & speaker/microphone enclosed in a M.S.(16 SWG)/ ABS box with break glass in front etc. complete as required.	Each	20 ✓	727.07 ✓	14541.30 ✓
7	Supplying, installation, testing & commissioning of fault isolator complete with base as required.	Each	65 ✓	2592.67 ✓	168523.55 ✓
8	Supplying, installation, testing & commissioning of fire fighter telephone handset complete as required.	Each	1 ✓	4542.08 ✓	4542.08 ✓
9	Supplying, installation, testing & commissioning of fire fighter phone jack complete as required.	Each	1 ✓	1275.20 ✓	1275.20 ✓
10	Supplying, installation, testing & commissioning of addressable fire control module complete as required.	Each	20 ✓	2382.78 ✓	47655.60 ✓
11	Supplying, installation, testing & commissioning of intelligent addressable thermal detector with rate of rise cum fixed temperature thermistor complete with base as required.	Each	30 ✓	2163.83 ✓	64914.90 ✓
12	Supplying & laying of 2x1.5 sqmm fire alarm armoured cable , 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS/HFFR outer sheath complete as required.	Mtr	2772 ✓	144.96 ✓	401829.12 ✓
TOTAL OF SUBHEAD-I					13,67,175.90

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SUB HEAD-II: PUBLIC ADDRESS (PA) SYSTEM					
1	Supplying, installation, testing & commissioning of 6 zone, voice alarm controller with USB, MP4 player (including 6 zone button paging station) with seamless integration facility with main fire alarm panel for voice evacuation complete as required.	Each	1	99746.83	99746.83
2	Supplying, installation, testing & commissioning of 1.5/3/6W metal box ceiling/wall speakers complete as required	Each	30	1427.71	42831.15
3	Supplying, installation, testing & commissioning of digital audio amplifier 75 Watt, 25V rms operating at 240 Volt AC Supply complete as required.	Each	3	115037.84	345113.52
4	Supplying, installation, testing & commissioning of exit point directional sound speaker with voice and integral audio amplifier with selectable sound pulse patterns complete as required.	Each	20	8016.59	160331.80
5	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnections etc. as required.				
	speaker cable Two pair, 2-core, 1.5 sqmm	Metre	180	73.24	13182.30
	speaker cable Three pair, 2-core, 1.5 sqmm	Metre	90	101.17	9105.30
	speaker cable Four pair, 2-core, 1.5 sqmm	Metre	15	129.11	1936.58
8	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20mm dia PVC conduit	Metre	180	114.01	20520.90
b)	25mm dia PVC conduit	Metre	90	126.84	11415.60
c)	32mm dia PVC conduit	Metre	15	157.80	2366.93
TOTAL OF SUBHEAD-II					7,06,550.90
TOTAL COST FOR FIRE ALARM & PUBLIC ADDRESS SERVICES					20,73,726.79

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**DETAILED ESTIMATE OF PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT
GANDHINAGAR DISTT.- UNNAO (U.P.)**

BILL OF QUANTITY OF TUBEWELL

Sr. No.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT (Rs.)
A	ESTIMATE FOR 400MM X200 MM DIA TUBE WELL DRILLED BY ROTARY RIG TO A DEPTH OF 150 METER BELOW GROUND LEVEL WITH 800 LPM SUBMERSABLE PUMP SET AND PIPE LINE WORK				
1	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
	All types of soil				
	400 mm dia	90	M	757.05	68134.08
	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level				
	400 mm dia	60	M	946.31	56778.40
	Providing & lowering of assembly pipe including cutting & welding by providing a collar:				
2	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including painted with outside surface with two coats of anticorrosive paint of approved brand and manufacture, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.				
	200 mm nominal size dia having minimum wall thickness 5.40 mm	100	M	1866.44	186644.36

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	50 mm dia nominal bore	100	M	582.34	58233.96
10	Supplying and drawing following sizes of FRLS PVC insulated Aluminium cable conductor, single core cable in the existing surface/recessed steel/PVC conduit as required.				
	16 Sq.mm 4 core	25	M	343.00	8575.00
11	Development Of Tubewell by O.P. Unit	45	Hrs.	600.00	27000.00
12	Supply and installation of 800 LPM 7.5HP discharge submersable pump complete INCLUDING COST OF CONTROL PANEL, REQUIRED COPPER CABLE, STEEL WIRE ROPE	1	NOS	63000.00	63000.00
13	Transportation of heavy rig machine 1 job	1	JOB	10000.00	10000.00
14	Water supply charge	1	JOB	10000.00	10000.00
15	WATER TESTING REPORT	1	JOB	5000.00	5000.00
16	HYDROGEOLOGICAL SURVEY, GEOPHYSICAL EXPLORATION FOR UNDERGROUND WATER	1	JOB	10000.00	10000.00
	COST OF 1 NOS				652587.61
	Cost of 1 Tubewell	1.0	JOB		652587.61
	Say Rs.		6.53		

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ED ESTIMATE OF PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT GANDHINAGAR DISTT.- UNNAO
(COST OF EXTERNAL SEWERAGE & EXTERNAL WATER SUPPLY WORKS)

S.N.	DESCRIPTION	UNIT	QTY.	RATE	Amount (In Rs.)
1	COST OF SEWERAGE WORKS				
1	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.				
	up to 1.50 m depth				
	Pipes 80 mm to 300 mm diameter	metre	130	269.07	34978.96
3	Providing and laying Non pressure NP 2 class (light duty) RCC pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement : 2 fine sand) including testing of joints etc. complete.				
	150 mm. dia. RCC Pipes	metre	130	425.17	55272.02
4	Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand : 10 graded stone aggregate 40mm nominal size) upto the haunches of pipes including bed concrete as per standard design				
	150 mm. dia. RCC Pipes	metre	130	567.78	73811.91
5	Constructing brick masonry manhole in cement mortar 1:4 (1 cement :4 coarse sand) RCC top slab with 1:2:4 mix (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with floating coat fo neat cement and making channels in cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm nminal size) finished with a floating coat of neat cement complete as per standard design.				
	Inside size 90x80cms and 45cms deep including CI cover with frame (light duty) 455x610mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15kg).				
	With common burnt clay FPS (non modular) bricks of class designation 75				
	(i) For Sewer Line	each	11.00	9757.66	107334.21

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6	Providing orange colour safety foot rests of minimum 6 mm thick plastic encapsulated as per IS:10910 on 12 mm dia steel bar conforming to IS:1786 having minimum cross section as 23 mm x 25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm thread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	each	11.00	423.07	4653.75
	TOTAL COST OF SEWERAGE				276050.85
II	COST OF EXTERNAL WATER SUPPLY WORKS				
1	Providing & fixing G.I. pipes complete with G.I. fittings including tenching and refilling etc. (external work)				
	80mm nominal bore.	Rm.	40	795.94	31837.47
	65mm nominal bore.	Rm.	50	685.07	34253.47
2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	80mm nominal bore.	Nos.	1	1990.07	1990.07
	65mm nominal bore.	Rm.	1	1331.13	1331.13
3	Providing and fixing gun metal non- return valve of approved quality (screwed end) : (horizontal)				
	80mm nominal bore.	Nos.	1	2800.14	2800.14
	65mm nominal bore.	Rm.	1	1870.49	1870.49
4	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	2.00	8299.69	16599.37
6	Supply, Installation, testing & commissioning of Vertical in line pumping set complete. The rate shall include the cost of electrical panel and piping work complete				
	Domestic Water Supply pumps :				

अवर अभियन्ता
उ०प्र० पुनर्वसन विभाग लि०
निर्माण इकाई-वायनरुड

महायुक्त अभियन्ता
उ० प्र० पुनर्वसन विभाग लि०
निर्माण इकाई

इकाई-वायनरुड
उ०प्र० पुनर्वसन विभाग लि०
निर्माण इकाई, वायनरुड

Capacity/Flow Rate - 18 m3/hr (Each Pump)				
Head - 55 m				
Location - 1 set in UGT (1 set = 2nos(1W+1S))	Job	1.00	400200	400200
TOTAL COST OF EXTERNAL WATER SUPPLY WORKS				490882.15
				766933.00
			G.TOTAL	7.67

Simmi Singh
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NAME OF WORK-CONSTRUCTION OF FIRE STATION(3/4 UNITS)AT GANDHINAGAR,DIST.UNNAO(U.P.					
(COST OF EXTERNAL SEWERAGE (SEPTIC TANK) WORKS)					
S.N.	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
I	SEPTIC TANK & SOAK PIT				
	Size :- Length = 7.50 M. Width = 2.65M Total Depth =3.00M				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width aswell as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5 m, as directed by Engineer-incharge.				
	In all kind of soil upto 1.5m depth	Cum	47.38	198.89	9422.66
	In all kind of soil upto 1.5m to 3.0m. depth	Cum	45.09	295.77	13336.15
	In all kind of soil upto 3.0m to 4.5m. depth	Cum	12.02	392.66	4721.23
2	Providing and laying of cement concrete in base excluding the cost of centring and shuttering by 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	Cum	4.68	5204.88	24384.17
3	Brick work with brick of class designation 150 in foundation and plinth in cement mortar (1 cement : 4 coarse sand)	Cum	19.51	5631.73	109896.13
4	Reinforcement cement concrete work in RCC culvert slab with 1:1.5:3 (1 cement : 1.5 coarse sand and 3 graded stone aggregate of 20 mm nominal size) excluding centering and shuttering and reinforcement.	Cum	3.98	6911.63	27489.49
4,a	Suspended floors, roofs, landings, balconies and access platform.	Sqm.	26.52	708.49	18785.71
5	P/F Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	QTL.	3.12	8240.55	25710.50

अवधि अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, जलानऊ

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, जलानऊ

इकाई प्रभारी
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, जलानऊ

6	12mm cement plaster on rough side of mix 1:3 (1 cement : 3 coarse sand)	Sqm	82.60	335.62	27721.36
7	Providing M.S. foot rest including fixing with 20x20x10 cm. cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded aggregate of nominal size 20mm) as per standard design with 20x20mm sq bars.	Nos.	12	416.19	4994.30
8	Providing and fixing C.I. tee at the inlet and outlet of septic tank.	Nos.	2	474.49	948.98
9	Providing & fixing 75mm dia vent pipes.	Rm.	1	798.27	798.27
10	Providing & fixing of 75mm dia cast iron terminal guard.	No.	1	260.32	260.32
11	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
	M.D. -10- Circular shape 500mm internal diameter	No.	2	895.95	1791.91
	M.D. -2.5- Circular shape 450mm internal diameter	No.	4	893.70	3574.80
12	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8m long complete as per standard design.				
	With F.P.S. bricks	No.	2	20524.50	41049.00
	TOTAL COST OF EACH SEPTIC TANK				314884.98
	Total No. of Septic Tank	No.	1		
	TOTAL COST OF SEPTIC TANK				3.15

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SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.					
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
	SUBHEAD - : HT PANEL EQUIPMENTS				
1	HT PANEL				
	H.T. VCB (11KV) (LOCATED IN METER ROOM)				
	Design, manufacturing, testing at works, supply of HT Panel as per specification and comprising of the following :-				
	Supplying, installation, testing & commissioning of indoor type floor mounted metal clad, 11 KV VCB panel with 1 No. VCB, totally enclosed & fully interlocked, horizontal drawout ,horizontal isolation type breaker as per IS 13118, as ammended upto date and additional specifications, having capacities as mentioned below, single break, trip free mechanism, manually charged and manually closing breaker suitable for use on 11 KV ,3 Phase,50 Hz A.C. supply with short circuit fault level of 350 MVA, complete with self contained ,fully interlocked ,rack in and rack out mechanism,air insulated but encapsulated copper bus bars of 1000 Amps capacity, breaker featured with mechanical ON/OFF indicator with hand trip device, spring release coil, shunt trip coil and auxiliary switch of 3 NO + 3 NC and equipped with following switch gears and accessories i/c connections suitable for 3 x 300 sqmm XLPE cable (cable entry from bottom),end termination with heat shrinkable jointing material etc. as required				
A	a) Incoming - 1 No. 630A VCB				
	b) 1 No.- 11 KV /110 volts PT class 0.5 accuracy and 200 VA burden with 1 No. Voltmeter (0 - 15 KV) , digital type , selector switch for voltmeter and protection fuses/MCB for HT metering upto 12 KV on incomer.				
	c) 1 No.- (0 - 80 A) dual scale Ammeter, digital type ,selector switches for ammeters .				
	d) 1 No.- Microprocessor based numerical relay with O/L, E/F and S/C protection				
	e) 1 No.- set of dual core dual ratio 3 CTs of 80/5/Amps of 15 VA burden and accuracy Class 0.5 for metering and class 5 P 10 for protection.				
B	Outgoing panel:-				
	a) Out going: 2 No. 630A VCB				
	b) 2 No.- (0 - 40 A) dual scale Ammeter, digital type ,selector switches for ammeters .				
	c) 2 No.- Microprocessor based numerical relay with O/L, E/F and S/C protection				
	d) 2 No.- set of dual core dual ratio 3 CTs of 40/5 Amps of 15 VA burden and accuracy Class 1.0 for metering and class 5 P 10 for protection.	1	Set	1080000.00	1080000.00
	SUBHEAD - :HT CABLES				
2	Supply of 3 core stranded aluminium conductor 11KV grade XLPE (E) (Cross linked Polyethylene) insulated PVC bedded, Galvanised flat steel strip armoured cable conforming to IS : 7098 (part II with latest amendments).				
	70 sq. mm 3 core	50	Metre	1562	78387.30
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	Upto 120 sq. mm	50	Metre	474.14	23801.83
5	Supply and making indoor cable end jointing with cast resin compound, including lugs and other jointing materials, for 3 core 70Sq.mm. XLPE aluminium conductor cable of 11 kV grage as required.	4	Each	1800.68	7202.70
6	Supply and making outdoor cable end jointing with cast resin compound, including lugs and other jointing materials, for 3 core 70 Sq.mm. XLPE aluminium conductor cable of 11 kV grage as required.	6	Each	3926.76	23560.53
	SUBHEAD - : M.V. PANELS				

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अवध प्रमोद निगम लि०

अवध प्रमोद निगम लि०
अवध प्रमोद निगम लि०

अवध प्रमोद निगम लि०
अवध प्रमोद निगम लि०

<p align="center">SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.</p>					
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
7	Supply & Erection of factory fabricated & wired metal clad dust and vermin proof mounting, M.S Channel Base with bottom and top cable entreis Electrical control panel with TPN ACB (65KA, 4 Pole Elect draw out Micor Processor Release IPR2) and TPN MCCB's (four Pole 36 KA with thermal magnatic release) switches and instrument chamber etc. complete in all respect. The instrument chamber shall be separate and shall comprise of flush type/digital ammeter Voltmeter, Selector switches for ammeter and Voltmeter, instrument fuses current transformer etc. The Board shall have suitable capacity electrolytic aluminium busbars as per IS8623 insulated with heat shrink sleeving and mounted on non hygroscopic supports such as CMC/DMC support with detachable side covers and shall be suitable for extension on the sides. The switches enty boxes shall be complete with suitable cable end boxes reverse. The job includes the grouting of the board as per directions of Engineer-in-charge. All out goings of 100 Amp. and above will be provided with Amp. Metre, curent transformer and selector switches etc. and insurment fuse The switch board shall be fabricated with CRCA sheet with a minimum thickness of 1.6mm/2mm. Cubical type switch board shall be of cat A & B only.				
vi	SFP (OUTDOOR TYPE) IP 65				
	Incoming :				
	One (1) No 40 Amp. 4P MCCB of 25KA Breaking capacity				
	Metering :				
	One (1) No. Sets Multifunction Meter each incoming				
	One (1) No. of Phase Indication Lamp each incoming				
	Bus Bar :				
	One (1) No. 60 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	10 No. 16 Amp DP MCB. (10 KA)				
	2 No. SPACE & SPARE				
	Panel described as above	1 ✓	Nos.	76,500.00 ✓	76500.00 ✓
	SUBHEAD: - - EARTHING				
8	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required. Details of cost for one each	2 ✓	Each	237.83 ✓	475.65 ✓
9	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	4 ✓	Nos.	5781.79 ✓	23127.16 ✓
10	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories , and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but with charcoal or coke and salt) as required.	10 ✓	Set	6305.01 ✓	63050.05 ✓
11	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	4 ✓	Set	11328.02 ✓	45312.08 ✓
12	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	20 ✓	Meter	773.12 ✓	15462.40 ✓
13	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	100 ✓	Meter	120.80 ✓	12080.00 ✓
14	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	140 ✓	Metre	236.32 ✓	33084.10 ✓
15	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	40 ✓	Meter	940.73 ✓	37629.20 ✓
16	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.	100 ✓	Meter	216.69 ✓	21668.50 ✓
	TOTAL				
	SUB-HEAD - : L.T. CABLES				

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SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.					
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
17	Laying of one number PVC insulated and PVC sheathed / XLPE power Cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	Up to 35 sq.mm.	420 ✓	Meter	342.02 ✓	143646.30 ✓
18	Supply of following size of 1.1KV grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS 7098:1988 with up to date amendment				
	4 x 10 sq.mm	150 ✓	Metre	276.30 ✓	41,445.00 ✓
	2 x 6 sq.mm.	270 ✓	Metre	198.00 ✓	53,460.00 ✓
19	Supplying and making cable end terminations with brass compression gland and aluminium lugs for following size of PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade, complete as required.				
	2 X 6 sq. mm (19mm)	18 ✓	Each	221.97 ✓	3995.46 ✓
	4 X 10 sq. mm (19mm)	2 ✓	Each	245.38 ✓	490.75 ✓
	TOTAL				
	SUBHEAD - :Miscellaneous				
20	Providing and fixing HT danger notice plate 250 mm x 200 mm made of mild steel at least 2mm thick & vitreous enamelled white on both sides and with inscription in signal red colour on front side as required.	1 ✓	Each	256.70 ✓	256.70 ✓
21	Supplying and Fixing of Fire buckets, round bottom made of G.I. Sheet 9-11 litres capacity duly painted as per fire brigade design, supported on hanging bracket chained and locked, initially filled with fine river sand, water as per directions of Engineer-in-charge.	4 ✓	Sets	1350 ✓	5400.00 ✓
22	Supplying and Laying of Rubber mat 1000 mm. Wide to withstand 11 KV dielectric strength as per latest IS 15652-2006 etc. as reqd.	2 ✓	Nos.	2700 ✓	5400.00 ✓
23	Supply and fixing of fire extinguishers, ABC Type 9.00 kg. capacity (ISI Marked IS : 15683 & TAC approved) complete with initial charges and wall bracket, along with supply of all materials and labour for proper completion of work.	2 ✓	Each	11700 ✓	23400.00 ✓
24	Supply and fixing of CO2 type fire extinguishers, 4.50 kg. capacity (ISI Marked IS : 2878 & TAC approved) complete with initial charges and wall bracket, along with supply of all materials and labour for proper completion of work.	2 ✓	Each	8100 ✓	16200.00 ✓
25	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	4 ✓	Each	18897 ✓	75586.80 ✓
	TOTAL RS.				
	SUBHEAD - : EXTERNAL LIGHTING				
26	Supplying, installation & testing of 7.0 m high octagonal GI pole with single arm as per approved sample made from 3 mm sheet steel (Grade S 355 J0) with top diameter as 75mm and bottom dia as 150mm and base plate of 240x240x16 mm with suitable slot shaped holes for mounting the same on a shallow foundation, GI weather proof junction box with 16A SP MCB, loop-in-loop out terminals for 2nos. 2Cx6 sq.mm YWY cables and 2x2.5 sq.mm copper conductor from junction box to fitting and connected accessories as required etc.	9 ✓	Nos.	19,800.00 ✓	1,78,200.00 ✓
27	Supply and fixing of LED Street light Fitting with mandatory driver set having die cast aluminium body and lenses suitable for 45Watt. to 50 Watt and Confirming to IP66 protection having Company LOGO Engraved complete in all respect with 4000-5000 system lumens High Power LED with lenses, >110lm/W, PF>0.95, THD <10% at full load, CRI>70, Avg Life Class 50000Hrs@L70, fitting itself suitable for 60-65mm OD pipe	9 ✓	Nos.	1175.54 ✓	10579.82 ✓
28	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Double pole	9 ✓	Nos.	525.48 ✓	4729.32 ✓

SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.					
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
29	Supply and fixing of LED Gate light fitting having die cast aluminium body and diffuser with driver set suitable for 6 watt to 10 watt. Confirming to IP 54 and above protection complete in all respect.	2 ✓	Nos.	1,172.70	2,345.40
	Supplying, installation, testing and commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required.				
30	1 output per phase and suitable for single phase supply	3 ✓	Set	3528.12 ✓	10584.35 ✓
31	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.				
	Above 6.5 metre and upto 8.0 metre	9 ✓	each	4579.83 ✓	41218.47 ✓
32	Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required				
	32 mm dia	15 ✓	Mtr	396.38 ✓	5945.63 ✓
	TOTAL			TOTAL	21,64,225.48
				SAY IN LACS	21.64

Simi Singh

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BILL OF QUANTITY OF PROPOSED UNDER GROUND WATER STORAGE WITH PUMP ROOM
225 KL FOR FIRE & DOMESTIC TANK
ABSTRACT OF COST

S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	1577.05	CUM	198.89	313656.87
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone aggregate 40 mm nominal size) and curing complete,including cost of form- work, in foundation and floors.	18.032	CUM	5204.88	93855.91
3	R.C.C. work with cement approved coarse sand and 20 mm. guage approved stone grit im the proportion of in lintels of doors and windows excluding supply of reinforcement and its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc.and also including supply of all materials, labour and tools and plants etc, required for proper completion of the works. strength of the concrete shall not beless than M-30. As in item no. 3 above but for slabs	14.748	CUM	7377.68	108808.93
4	As in item 3 but for the lighter beams i.e. having spans upto 6 m.	5.774	CUM	7377.68	42595.02
5	As in item 3 above but in R.C.C. Raft foundation and footing with approved stone ballast.	72.129	CUM	7377.68	532145.92
6	As in item 3 above but in Column with approved stone ballast.	96.453	CUM	7377.68	711600.99
7	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)				
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand	8.396	CUM	6957.63	58413.28
9	Thermo-Mechanically Treated bars of grade Fe-500D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level. Fe 500	130.528	QTL	8240.55	1075624.34
10	15 mm cement plaster on rough side of single or half brick wall of mix:1:6 (1 cement: 6 coarse sand)	28.725	SQM	302.08	8677.16
11	12 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand)	84.913	SQM	262.57	22295.87

उपरोक्त पुस्तिका धारणा निम्न लि०
निर्माण इकाई लखनऊ

महानगर निगम
उ० प्र० पुस्तिका धारणा निम्न लि०
निर्माण इकाई लखनऊ

उपरोक्त पुस्तिका धारणा निम्न लि०
निर्माण इकाई लखनऊ

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12	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	155.20	RM	59.90	9296.78
13	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	131.570	SQM	806.98	106173.63
14	Mild steel or iron work of small sizes and sections such as holding down bolts, hold fast tierods, gratings etc. (when not included in an over all rates) wrought to required from including supply of steel and its wastage including cost of bolts, nuts if required for and welding, grinding and making holes as required completion of work fabrication of holes doors, chaukhats nosing.				
(a)	Fabrication of hold fast for door chaukhats and windows Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing	3.60	KG	102.16	367.76
(b)	T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	16.20	KG	99.71	1615.33
15	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws. (a) 35mm thick	2.520	SQM	2558.62	6447.72
16	Fixing of Door, windows/ventilators chaukhats in position. (a) Door chaukhats	1.000	NOS	165.46	165.46
17	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm	51.422	SQM	89.32	4592.99
18	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	232.540	SQM	141.85	32985.91
19	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete. (a) 250mm x 16mm	1.000	NOS	165.46	165.46

20	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete (a) 250 mm x 10mm	1.000	NOS	64.11	64.11
21	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete. 125mm	2.000	NOS	30.52	61.05
22	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	0.009	CUM	5944.73	53.50
23	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture.	1.512	SQM	130.43	197.21
24	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture.	5.040	SQM	134.67	678.73
25	Making drain along apron (P-89)	53.420	RM	627.07	33498.00
26	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick	221.882	RM	70.10	15554.76
27	Providing and laying water proofing treatment in underground structure by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry	536.503	SQM	471.47	252946.09
28	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Suspended floors, roofs, landings, balconies and access platform.	94.775	Sqm	708.49	67146.98
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	48.113	Sqm	562.66	27071.20
(c)	Foundations, footings, bases of columns, etc. for mass concrete	21.528	SQM	299.63	6450.48
(d)	Columns, Pillars, Piers, Abutments, Posts and Struts	551.162	Sqm	734.51	404830.92
				TOTAL	3937952.88
				G. TOTAL	3937952.88
				Say Rs.	39.38 Lacs.

उ०प्र० पुनर्वसन विभाग
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सहायक निरीक्षक
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निर्माण इकाई

शुकांत प्रतापी
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निर्माण इकाई, लखनऊ

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BILL OF QUANTITY OF PROPOSED PUMP ROOM					
S.N.	DESCRIPTION OF ITEM	QTL	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	10.43	CUM	198.89	2074.56
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	9.25	CUM	535.23	4948.66
3	Sand filling in plinth under floors including watering, ramming, consolidating and dressing complete including lead up to 50m and lift upto 1.5m and including cost of sand.	1.35	CUM	1622.70	2190.65
4	Providing and laying cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone aggregate 40 mm nominal size) including supply of all materials, labour T & P etc required for proper completion of the work and curing complete also including cost of formwork in foundation & floors.	2.69	CUM	5204.88	14019.31
5	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement:2 coarse sand) to match the existing floor.				
	With Chlorpyrifos/ Linadane E.C. 20% with 1% concentration.	11.97	SQM	236.90	2836.09
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources. [R.C.C. WORK IN TIE BEAM]	0.82	CUM	6911.63	5648.11
7	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (FOR SLAB)	1.64	CUM	8791.06	14405.47

for Mr. Singh
 10/11/2019
 10/11/2019

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for Mr. Singh
 10/11/2019
 10/11/2019

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8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	9.81	CUM	5449.57	53453.46
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand)	6.95	CUM	6957.63	48367.68
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:4 (1 cement : 4 coarse sand)	0.46	CUM	7139.78	3305.65
11	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	2.97	SQM	313.92	932.85
12	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	2.97	SQM	111.67	331.84
13	Mild steel or iron work of small sizes and sections such as holding down bolts, hold fast tierods, gratings etc. (when not included in an over all rates) wrought to required from including supply of steel and its wastage including cost of bolts, nuts if required for and welding, grinding and making holes as required completion of work fabrication of holes doors, chaukhats nosing.				
(a)	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete (Hold fast)	6.00	KG	131.88	791.28
(b)	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. [M.S.GRILL]	36.00	KG	149.15	5369.31
(c)	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. [Z-SECTION]	45.00	KG	149.15	6711.63

उ०प्र० पुलिस अधीनस्थ निगम लि०
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निर्माण इकाई 2

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निर्माण इकाई, लखनऊ

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(d)	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.. [angle 40x40x5]	15.30	KG	149.15	2281.96
14	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	1.89	SQM	1828.16	3455.23
15	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm	2.00	NOS	148.00	296.00
16	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : (a) 250 mm x 10mm	2.00	NOS	64.11	128.21
17	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 125 mm	2.00	NOS	30.52	61.05
18	Thermo-Mechanically Treated bars of grade Fe-500D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level. Fe 500	2.25	QTL	8240.55	18529.54
19	12 mm cement plaster on rough side of single or half brick wall of mix : 1:3 (1 cement: 3 coarse sand) plinth plaster.	10.10	SQM	343.49	3470.62
20	15 mm cement plaster on rough side of single or half brick wall of mix:1:6 (1 cement: 6 coarse sand)	29.61	SQM	302.08	8944.50
21	12 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand)	49.73	SQM	262.57	13058.16
22	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete (40 mm thick with 20 mm nominal size stone aggregate.)	9.00	SQM	469.29	4223.65

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23	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete (40 mm thick with 20 mm nominal size stone aggregate.)	9.74	SQM	469.29	4572.81
24	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement. 18 mm thick	3.84	SQM	505.86	1942.49
25	Supply & fixing of glass strips for flooring 35mm wide - 3.00 mm thick.	40.50	RM	70.10	2839.21
26	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture.	4.73	SQM	130.43	617.44
27	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture.	3.78	SQM	134.67	509.04
28	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre (Inner Surface).	40.03	SQM	141.85	5678.56
29	Finishing walls with Acrylic smooth exterior paint of required shade: - New work (Two or more coat applied @ 1.67 Ltr./10 Sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 Sqm.	49.73	SQM	122.71	6102.55
30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 4.0 mm thick glass panes	1.80	SQM	813.47	1464.25
31	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including				

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	(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				
	(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.				
	(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and				
	(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	9.00	SQM	1287.16	11584.44
32	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
(a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers. with water proof ply 12 mm thick	13.05	SQM	643.31	8394.72
(b)	Suspended floors, roofs, landings, balconies and access platform. with water proof ply 12 mm thick.	13.39	SQM	785.77	10524.35
				TOTAL	274065.32
				2.74	Lacs

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उत्तर प्रदेश सरकार
निर्माण एवं विकास

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संयुक्त विकास
निर्माण एवं विकास

उत्तर प्रदेश सरकार
निर्माण एवं विकास

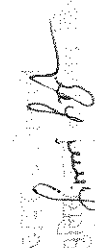


ANALYSIS OF RATES FOR P/L OF C.C. INTERLOCKING										
[ANALYSIS FOR 4.0 MT. WIDE AND 10.0 RM LENGTH = 40.00 SQM]										
S.NO	DESCRIPTION OF ITEM	NO.	L	B	H	QTY	UNIT	RATE	AMOUNT	
1	Earth work in excavation in trenches for foundations and for pipes cables etc. in ordinary soil (loam clay or sand) including lift upto 1.5 m and dressing of sides and ramming of bottom sand disposal of surplus excavated earth as directed by the Engineer i/c with in a lead of 50m.	2	10.000	0.380	0.200	1.520	CUM	198.89	302.31	
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size) and curing complete, including cost of form- work, in foundation and floors.	2	10.000	0.380	0.100	0.760	CUM	5204.88	3955.71	
3	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.									
	With material conforming to Grade-III (size range 26.5 mm to 0.075 mm) having CBR Value-20	1	10.000	3.540	0.150	5.310	CUM	2145.94	11394.95	
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2	10.000	0.230	0.320	1.472				
					TOTAL	1.472	CUM	5631.73	8289.90	

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निर्माण इकाई-तखनऊ

निर्माण इकाई-तखनऊ
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5	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding/laying of interlocking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	1	10.000	3.540	35.400	SQM	833.99	29523.16
							G. TOTAL	53466.03
							DST PER SQ	1336.65

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 निर्माण इकाई-सखनफ़

ANALYSIS OF RATE FOR OPEN SURFACE DRAIN					
FOR 10.00 RM (DRAIN SIZE 300X450mm)					
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	4.778	CUM	198.89	950.19
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone ballast 40 mm nominal size) and curing complete,including cost of form- work, in foundation and floors.	0.683	CUM	5204.88	3552.33
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2.070	CUM	5631.73	11657.68
4	12 mm cement plaster on rough side of single or half brick wall of mix : 1:4 (1 cement: 4 coarse sand) with neat cement finish.	13.600	SQM	273.04	3713.37
5	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 25 mm thick with 20 mm nominal size stone aggregate	3.000	SQM	293.31	879.93
				TOTAL	20753.50
				COST	
				PER RM	2075.35

अवधि अभियन्ता
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इकाई प्रभारी
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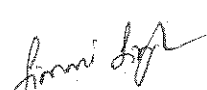
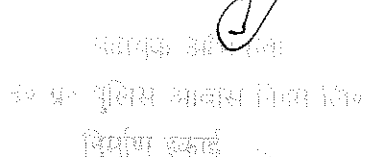
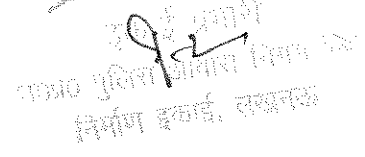
ANALYSIS RATE FOR 4.5 Mt. WIDE P.C.C. ROAD WITH BRICK EDGING (for 2.0 M LENGTH)									
S.N.	DESCRIPTION OF ITEM	NO	L	B	H	QTY	UNIT	RATE	AMOUNT
1	Earth work in excavation in trenches for foundations and for pipes cables etc. in ordinary soil(loan clay or sand) including lift upto 1.5 m and dressing of sides and ramming of bottom sand disposal of surplus excavated earth as directed by the Engineer i/c with in ahead of 50m.	2	2.00	0.38	0.230	0.35			
		0	4.50	2.00	0.225	0.00			
					TOTAL	0.35	CUM	198.89	69.53
2	Providing and laying in 1:4:8 (1 cement : 4 coarse sand (zone-iii) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	2	2.00	0.38	0.075	0.11			
		1	4.04	2.00	0.15	1.21			
					TOTAL	1.33	CUM	5204.88	6901.67
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	0	2.00	0.345	0.15	0.00			
		2	2.00	0.23	0.45	0.41			
					TOTAL	0.41	CUM	5631.73	2331.54
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-iii) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	1	4.04	2.00	0.150	1.21	CUM	6019.76	7295.95
5	Providing and laying in position bitumen hot sealing compound for expansion joints etc.								
	Using grade 'A' sealing compound.	1	4.50			4.50	RM	6.61	29.74
								TOTAL	16628.43
HENCE COST OF 1.00 SQM. P.C.C. ROAD								SAY RS.	1847.60

अवर सिकरि हाथ
उपप्र. पुलिस आयुक्त निगम लि०
अर्द्धक १५/११/२०१८

सहायक अभियन्ता
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उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

NAME OF WORK-CONSTRUCTION OF FIRE STATION(3/4 UNITS)AT GANDHINAGAR,DIST.UNNAO(U.P.)					
(COST OF EXTERNAL RAIN WATER HARVESTING WORKS)					
S.N.	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
I	RAIN WATER HARVESTING				
	RECHARGE PITS				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width aswell as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5 m, as directed by Engineer-incharge.				
(A)	In all kind of soil upto 1.5m depth	Cum	22.59	198.89	4492.89
(B)	In all kind of soil upto 1.5m to 3.0m. depth	Cum	22.59	295.77	6681.52
(C)	In all kind of soil upto 3.0m to 4.5m. depth	Cum	22.59	392.66	8870.14
(D)	In all kind of soil upto 4.5 m to 6.0m. depth	Cum	10.54	489.54	5159.78
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone aggregate 40 mm nominal size) and curing complete,including cost of form- work,in foundation and floors.	Cum	1.20	5204.88	6245.85
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	24.14	5631.73	135949.91
4	Reinforcement cement concrete work in RCC culvert slab with 1:1.5:3 (1 cement : 1.5 coarse sand and 3 graded stone aggregate of 20 mm nominal size) excluding centering and shuttering and reinforcement.	Cum	1.61	6911.63	11127.72
4,a	Suspended floors, roofs, landings, balconies and access platform.	Sqm.	10.75	708.49	7613.42
5	Providing & Fixing Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	qtl.	1.90	8240.55	15657.04
6	12mm cement plaster on rough side of single or half brick wall mix				
	1:3 (1 cement : 3 Coarse sand)	Sqm	46.16	335.62	15492.21
7	Providing M.S. foot rests including fixing in manoholes with 20x20x10 cm cement concrete blocks 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) as per standard design:				
	With 20x20mm square bar	Nos.	10.00	416.19	4161.92

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8	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
	M.D. -10- Circular shape 500mm internal diameter	No.	1.00	895.95	895.95
9	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.				
	Drilling of 300mm dia bore hole manually.	M	15.00	630.90	9463.45
10	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
	150 mm nominal size dia	M	15.00	616.95	9254.28
11	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	12.13	1153.60	13993.17
12	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	13.11	1175.34	15408.68
13	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -in-charge.	cum	13.11	1175.34	15408.68
14	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	Cum	1.00	1546.87	1546.87
	DESILTING CHAMBER				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5 m, as directed by Engineer-in-charge.				
(a)	In all kind of soil upto 1.5m depth	Cum	10.05	198.89	1998.83

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इकाई प्रभारी
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(b)	In all kind of soil upto 1.5m to 3.0m. depth	Cum	4.06	295.77	1200.84
2	Providing and laying in cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded Stone aggregate 20 mm nominal size) and curing complete, including cost of form- work, in foundation and floors.	Cum	1.04	5204.88	5413.07
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	3.52	5631.73	19823.68
4	Reinforcement cement concrete work in RCC culvert slab with 1:1.5:3 (1 cement : 1.5 coarse sand and 3 graded stone aggregate of 20 mm nominal size) excluding centering and shuttering and reinforcement.	Cum	1.38	6911.63	9538.05
4,a	Suspended floors, roofs, landings, balconies and access platform.	Sqm.	7.27	708.49	5150.71
5	Providing & Fixing Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	QTL	1.63	8240.55	13432.09
6	12mm cement plaster on rough side of single or half brick wall mix 1:3 (1 cement : 3 Coarse sand)	Sqm	17.60	335.62	5906.91
7	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) as per standard design:				
	With 20x20mm square bar	Nos.	12.00	416.19	4994.30
8	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
	M.D. -10- Circular shape 500mm internal diameter	No.	2.00	895.95	1791.91
	COST OF EACH RAIN WATER HARVESTING				356673.88
	TOTAL NO. OF RAIN WATER HARVESTING	No.	1.00		
	TOTAL COST OF RAIN WATER HARVESTING				356673.88
II	DRAINAGE NETWORK				

DATE 10/01/2020
 13-09-2019
 10/01/2020

13-09-2019
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13-09-2019
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1	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.				
	up to 1.50 m depth				
	Pipes 80 mm to 300 mm diameter	metre	90	269.07	24216.20
2	Providing and laying Non pressure NP 2 class (light duty) RCC pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement : 2 fine sand) including testing of joints etc. complete.				
	150 mm. dia. RCC Pipes	metre	90	425.17	38265.25
3	Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand : 10 graded stone aggregate 40mm nominal size) upto the haunches of pipes including bed concrete as per standard design				
	150 mm. dia.	metre	90	567.78	51100.56
4	Constructing brick masonry INSPECTION chamber 60x60x75 cm with bricks of class designation 50 in cement mortar 1:4 (1 cement : 4 coarse sand) including CI cover with frame LIGHT WEIGHT complete as per design. With FPS bricks (P- 88)	Nos.	8.00	6579.00	52632.00
	TOTAL COST OF DRAINAGE WORKS				166214.01
6	Supply, installing, testing and commissioning of non clog submersible type drainage / dewatering pumpset				
	Product Type: SUBMERSIBLE DRAINAGE PUMP Product Configuration Pump Classification: Standard Pump Component Materials Volute Material: Cast Iron FG 260 Impeller Material: Cast Iron FG 260 Shaft Material: S.S AISI 410 Seal Material: Carbon/Ceramic/NBR/S.S 304 Motor Specifications Phase: 3 Voltage: 380-415V Cable Length: Standard - 5 metres Cable Length: Additional - 0 metres: 0 Pipework Connection Float Switch: With Float Switch Solids Diameter Limit Maximum Solids Diameter: 10 mm Flow Rate = 205 LPM Each Pump Head = 9m Each Pump Set Detail = 1W+1S (FOR UCT)	Nos.	1.00		55590.00
	TOTAL COST				578477.88

5.78

अवर
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NAME OF WORK-CONSTRUCTION OF FIRE STATION(3/4 UNITS) AT GANDHIN					
DISTT.- UNNAO (U.P.)					
BILL OF QUANTITY FOR 24.325 RM. 2.4 MTR. HEIGHT PROPOSED BOUNDARY WALL					
S.N.	DESCRIPTION OF ITEM	QTY.	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	13.63	CUM	198.89	2710.85
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	2.272	CUM	5204.88	11825.48
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level				
a	R.C.C. work in lighter Tie beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete)	3.888	CUM	6911.63	26872.41
b	R.C.C. work in R.C.C. Raft foundation and footing with approved stone ballast.(Using 1:1.5:3 Mix concrete)	3.036	CUM	6911.63	20983.71
c	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	1.296	CUM	6911.63	8957.47
4	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work above the plinth				
a	R.C.C. work in lighter Tie beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete)	0.745	CUM	8791.06	6551.10
b	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	1.944	CUM	8791.06	17089.82
5	Thermo-Mechanically Treated bars of grade Fe-500D or more work such as in reinforced concreted or reinforced brick work (when not included in overall rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage.	12.57	QTL.	8240.55	103568.54

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BOQ OF BOUNDARY WALL

6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	3.478	CUM	5449.57	18951.43
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand)	3.353	CUM	6957.63	23331.71
8	12mm cement plaster in single coat on fair side of single or half brick wall for exterior plastering up to floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80mm in girth and finished even and smooth no extra for mixing any additive. (1)1 cement : 6 coarse sand , F.M. 2.25	49.380	SQM	262.57	12965.85
9	15 mm cement plaster in single coat on rough side of single or half brick wall for exterior plastering up to floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80 mm in girth and finished even and smooth no extra for mixing any additive. (1)1 cement : 6 coarse sand , F.M. 2.25.	65.678	SQM	302.08	19839.66
10	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	121.537	SQM	89.32	10855.75
11	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	76.800	RM	59.90	4600.59
12	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works (Grill steel work)	199.066	KG	94.44	18799.68
13	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specificationsPainting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	12.960	SQM	130.43	1690.34
14	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Foundations, footings, bases of columns, etc. for mass concrete	10.800	SQM	299.63	3236.02
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12 mm thick	32.400	SQM	643.31	20843.33
(c)	Columns, Pillars, Piers, Abutments, Posts and Struts	43.200	SQM	734.51	31730.62
	COST OF 24.345 RM BOUNDARY WALL			TOTAL	365404.38
	COST OF 1 RM BOUNDARY WALL			COST OF 1 RM.	15021.76

उप. पु. लि. निर्माण इकाई-सहयक

सहायक अभियंता
उ. प्र. पुलिस भावनाय विभाग लि.
निर्माण इकाई

उप. पु. लि. निर्माण इकाई-सहयक

NAME OF WORK-CONSTRUCTION OF FIRE STATION(3/4 UNITS) AT GANDHINAGAR					
DISTT.- UNNAO (U.P.)					
BILL OF QUANTITY OF 6.00 MT. WIDE M.S. GATE					
S.N.	DESCRIPTION OF ITEM	QTY.	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	5.45	CUM	198.89	1082.95
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	0.540	CUM	5204.88	2810.63
3	R.C.C. work in lighter beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete)	0.540	CUM	6911.63	3732.28
4	R.C.C. work in R.C.C. Raft foundation and footing with approved stone ballast.(Using 1:1.5:3 Mix concrete)	1.350	CUM	6911.63	9330.70
5	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	0.840	CUM	6911.63	5805.77
6	Thermo-Mechanically Treated bars of grade Fe-500D or more work such as in reinforced concreted or reinforced brick work (when not included in overall rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage.	3.28	QTL.	8240.55	27028.99
7	12 mm cement plaster 1:6 (1 cement: 6 coarse sand)	6.240	SQM	262.57	1638.46
8	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	6.240	SQM	89.32	557.36
9	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works (Gate steel work)	540.000	KG	131.88	71214.82

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BOQ OF GATE

10	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	21.600	SQM	130.43	2817.24
11	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (c.c. moulding)	0.046	CUM	6019.76	273.90
12	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Foundations, footings, bases of columns, etc. for mass concrete	3.600	SQM	299.63	1078.67
(b)	Columns, Pillars, Piers, Abutments, Posts and Struts	10.400	SQM	734.51	7638.85
				TOTAL	135010.63

सिद्धि
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STRUCTURAL WEIGHT & COST ANALYSIS REPORT

Project: Heavy-Duty M.S. Security Gate

Dimensions: 15.0 m (Width) x 1.8 m (Height)

Total Surface Area: 27.0 sq. m

1. Bill of Materials (BOM) & Weight Calculation

S.No	Component	Specification	Qty	Unit	Unit Wt (kg)	Total Wt (kg)	
1	Main Outer Frame	ISMC 200 Channel	35	Mtr	22.3		
2	Internal Bracing	ISMC 100 Channel	45	Mtr	9.56		
3	Security Infill	6.0 mm MS Plate	27	Sqm	47.1		
4	Bottom Track Rail	50mm Solid Square Bar	16	Mtr	19.63		
5	Reinforcement Ribs	50x50x6 mm MS Angle	60	Mtr	4.5		
6	Heavy Duty Rollers	150mm Forged Steel	6	Nos	12		
TOTAL	Net Structural Weight						
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works (Gate steel work)		1215.000	KG	172.60	131.88	160233.36
						SAYS IN LACS	~ 1.602

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NAME OF WORK-CONSTRUCTION OF FIRE STATION(3/4 UNITS) AT GANDHINAGAR					
DISTT.- UNNAO (U.P.)					
ABSTRACT OF COST- D.G. SET PLATFORM					
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.	4.140	CUM	198.89	823.40
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources	1.420	CUM	5204.88	7390.93
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	0.522	CUM	1622.70	847.05
5	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels,bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering,finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (FOR SLAB)	4.200	CUM	8791.06	36922.46
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	0.120	CUM	5449.57	653.95

अपर अभियन्ता
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NAME OF WORK-CONSTRUCTION OF FIRE STATION(3/4 UNITS) AT GANDHINAGAR					
DISTT.- UNNAO (U.P.)					
ABSTRACT OF COST- TRANSFORMER PLATFORM					
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.	8.470	CUM	198.89	1684.59
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources	0.970	CUM	5204.88	5048.73
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	0.360	CUM	1622.70	584.17
5	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels,bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering,finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (FOR SLAB)	0.600	CUM	8791.06	5274.64
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	6.740	CUM	5449.57	36730.12
7	Thermo-Mechanically Treated bars of grade Fe-500D in plain work such as reinforced concrete/brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel,its wastage over lapping shall be measured.	0.471	QTL	8240.55	3881.30
8	15mm thick plaster with cement mortar in proportion of 1:4 cement & coarse sand of 2.25 F.M.	1.500	SQM	314.61	471.91

उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई-बखनऊ

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

प्रभारी
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, बखनऊ

9	12 mm thick plaster with cement mortar in consisting of 1:6 cement and approved coarse sand of minimum thickness not be less than 10 mm including supply of all materials, labour T&P etc. required for proper completion of the work. On smooth surface of wall.	7.500	SQM	262.57	1969.31
10	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12-20mm nominal size laid in one layer neat cement (40 mm thick floor).	6.000	SQM	469.29	2815.77
11	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement. 18 mm thick	3.150	SQM	505.86	1593.45
12	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	35.640	KG	149.15	5315.61
13	Finishing walls with Water proof Cement Paint (New work)	7.500	SQM	89.32	669.90
15	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	1.728	SQM	130.43	225.38
16	Welded steel wire fabric fencing with posts of specified material and of standard design placed and embedded in cement concrete blocks 45x45x 60 cm of mix 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size), every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and struts embedded in cement concrete blocks 70x45x50 cm of the same mix, provided with welded steel wire fabric fixed between the posts fitted and fixed with G.I. staples on wooden plugs or tied to 6 mm bar nibs with G.I. binding wire (cost of posts, welded steel wire fabric, painting, earth work in excavation and concrete to be paid for separately).	9.600	SQM	50.54	485.22
				TOTAL	66750.09
		Say Rs. 0.67		Lacs.	

NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT UNNAO

DISTT.- UNNAO (U.P.)

FIRE STATION

BILL OF QUANTITY LIFT WORK(FIRE STATION BUILDING)

S.No.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN RS	AMOUNT IN LACS
1	8 PASSENGER LIFT (G+9)					
	Supply Installation , Testing & Commissioning of 8 Passenger, 544Kg,1.5 mps. Automatic Elevator, with VVVF and Microprocessor based Simplex Collective Selective with/without Provision of attendant control. Separate Landing Push Button Box for all Landings with scrolling indicator. with provision of Attendant control, having 10 stops , 10 Openings with SS Cabin (Hair Line Finish) having Cross flow fan for Ventillation , having sleek (SS hair Line finish-PVC) and LED small Circular lighting all complete.	SET	1	1765522.20	1765522.20	17.66
	Other Features					
1	Battery Operated Emergency Light And Alarm Bell					
2	Call Register Signal And Vf Door Operator					
3	False Ceiling In Car					
4	Vandal Proof S.S. Button With S.S. Cover					
5	Firemans Switch					
6	Infra Red Door Screen					
7	Full Car Operating Panel					
8	3 Way Intercom / Press And Speak Phone					
9	Push Button - Orange L E D Illumination					
10	Dot Matrix Led D & P Indicators In Car & Landings -Orange Colour					
11	Automatic Rescue Device					
12	Minor Builders Work					
13	Scaffolding					
14	Floor Annunciator With Music					
15	Braille Buttons					
16	Sill Support					
17	Lift License					
18	Overload Warning Indicator With Audio Announcement					
19	Pit Ladder					
20	Auto Light & Fan Switch Off (Pod)					
21	Free Service & Maintenance For Two Years					
2	13 PASSENGER LIFT - (G+9)					
	Supply Installation , Testing & Commissioning of 13 Passenger, 884 Kg,1.5 mps. Automatic Elevator, with VVVF and Microprocessor based Simplex Collective with/without Provision of attendant control. Separate Landing Push Button Box for all Landings with scrolling indicator. with provision of Attendant control, having 10 stops , 10 Openings with SS Cabin (Hair Line Finish) having Cross flow fan for Ventillation , having sleek (SS hair Line finish-PVC) and LED small Circular lighting all complete.	SET	1	1995000.00	1995000.00	19.95
	Other Features					
1	Battery Operated Emergency Light And Alarm Bell					
2	Call Register Signal And Vf Door Operator					
3	False Ceiling In Car					
4	Vandal Proof S.S. Button With S.S. Cover					
5	Firemans Switch					
6	Infra Red Door Screen					
7	Full Car Operating Panel					
8	3 Way Intercom / Press And Speak Phone					
9	Push Button - Orange L E D Illumination					
10	Dot Matrix Led D & P Indicators In Car & Landings -Orange Colour					
11	Automatic Rescue Device					
12	Minor Builders Work					
13	Scaffolding					
14	Floor Annunciator With Music					
15	Braille Buttons					
16	Sill Support					
17	Lift License					
18	Overload Warning Indicator With Audio Announcement					
19	Pit Ladder					
20	Auto Light & Fan Switch Off (Pod)					
21	Free Service & Maintenance For Two Years					

अपर अभियन्ता
उ०प्र० पुलिस अधीनस्थ निगम लि०
निर्माण इकाई-लखनऊ

महायक अभियन्ता
उ० प्र० पुलिस अधीनस्थ निगम लि०
निर्माण इकाई

निर्माण इकाई
उ०प्र० पुलिस अधीनस्थ निगम लि०
निर्माण इकाई, लखनऊ

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SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR					
EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.					
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
	SUBHEAD - D.G. SETS				
1	Supplying, Installation, Testing & Commissioning of 'Silent Type Diesel Generating set as per CPCB IV + or better norms along with having Prime Power Rating of KVA as below, 415 volts at 1500 RPM, 0.8 lagging power factor at 415 V suitable for 50 Hz, 3 phase system & for 0.85 Load Factor, including testing at factory and site with fuel, load for test and other necessary arrangements Complete as per CPWD specifications, should have QR code which should contain drawing, test report OEM manual, Geo- Tag of manufacturing location, rating plate as per relevant IS Code etc. and consisting of the followings:				
	(A) Diesel Engine: Toubocharged Diesel engine 4 stroke water cooled, multi cylinder, dynamically balanced fly wheel, electric start of suitable BHP at 1500 RPM suitable for above output of alternator at 40 OC, 50% RH & at 1000 Meter MSL , capable of taking 10% over loading for one hour after 12 hours of continuous operation. The engine will be with Electronic governor, Dry type Air filter with service indicator, first filling of engine fuel (after commissioning) lubricating Oil, Coolant and other consumables complete with all the required accessories, the Electronic governor shall be as per ISO 8528. The engine shall comply to the latest CPCB norms (CPCB IV + or better) and Conforming to BS 5514, BS 649, IS 10000, IS 10002, IS 13018 and as per CPWD specifications.				
	125 KVA	1	SET	668464.17	668464.17
					6,68,464.17
	TOTAL RS.			SAY IN LACS	6.68

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 30/07/2022

A.R.-II									
ANALYSIS RATE FOR 100.0 Sqm. C.C. FLOOR									
S.N.	DESCRIPTION OF ITEM	NO	L	B	H	QTY	UNIT	RATE	AMOUNT
1	Providing and laying in cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) and curing complete,including cost of form-work,in foundation and floors. (work in place),								
		1	10.00	10.00	0.100	10.00	CUM	6019.96	60199.60
2	Trimixing of the surface of the cement concrete laid. (M.R.)								
		1	10.00	10.00		100.00	SQM	152.82	15282.00
3	Providing and laying in position bitumen hot sealing compound for expansion joints etc. (work in place)								
	Using grade 'A' sealing compound.	6	10.00			60.00	RM	6.58	394.80
COST OF 100.00 SQM. P.C.C. FLOOR								TOTAL	75876.40
HENCE COST OF 1.00 SQM. P.C.C. FLOOR								SAY RS.	758.76

Signature

Signature

Signature

Signature

Signature

Signature

Analysis of Rate for Man Hole 600X600

Constructing brick masonry INSPECTION chamber 60x60x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including CI cover with frame LIGHT WEIGHT complete as per design. With FPS bricks.					
S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATES	AMOUNT
1-	Earth in excavation	1.003	Cum	198.89	199.58
2-	Cement concrete in 1:5:10	0.208	Cum	4980.70	1036.05
3-	Cement concrete in 1:2:4	0.01	Cum	6019.76	54.18
4-	Plaster 12mm in 1:4	1.88	Sqm	265.17	498.42
5-	Brick work in 1:6	0.419	Cum	5449.57	2282.00
6-	RCC in slab in 1:1.5:3	0.100	Cum	8791.06	879.11
7-	Steel reinforcement	5.495	kg	82.41	452.82
8-	C.I. Rectangular cover 455*610mm with frame(low duty)	1	NOS	1176.68	1176.68
					6578.81
				Total	6578.81
				Say	6579.00

Limmi Singh
अंतर अभियन्ता
उ० प्र० पुलिस थाना निगम लि०
निर्माण इकाई-लखनऊ

B
सहायक अभियन्ता
उ० प्र० पुलिस थाना निगम लि०
निर्माण इकाई

P.2
इकाई प्रभारी
उ० प्र० पुलिस थाना निगम लि०
निर्माण इकाई, लखनऊ

ANALYSIS OF RATE									
APRON DRAIN (SIZE = 150 MM. X 150 MM)									
									AR-I
S.No.	Description of Item	Measurement				Qty.	Unit	Rate	Amount
		No.	L (m)	B (m)	H/D (m)				
					[0.15+0.075]				
1	Earth work in excavation	1	1.00	0.53	0.225	0.120	Cum	198.90	23.87
					[0.46+0.15]				
2	P.C.C. 1:4:8	1	1.00	0.530	0.075	0.04	Cum	5205.05	208.20
3	Brick work in 1:4 in foundation.	2	1.00	0.115	0.150	0.03	Cum	5631.91	168.96
4	12 MM thick plaster (1:3) cement : Coarse sand <i>with neat cement finish</i>	2	1.00		0.15	0.30	Sqm.	343.50	103.05
		2	1.00	0.115		0.23	Sqm.	343.50	79.01
5	25 MM thick flooring (1:2:4)	1	1.00	0.150		0.15	Sqm.	293.32	44.00
GRAND TOTAL RS.									627.09

Simmi Singh

अवर अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई-क

P. C.

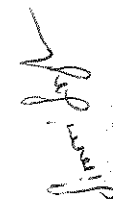





इकाई प्रभारी
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

BAR - CHART

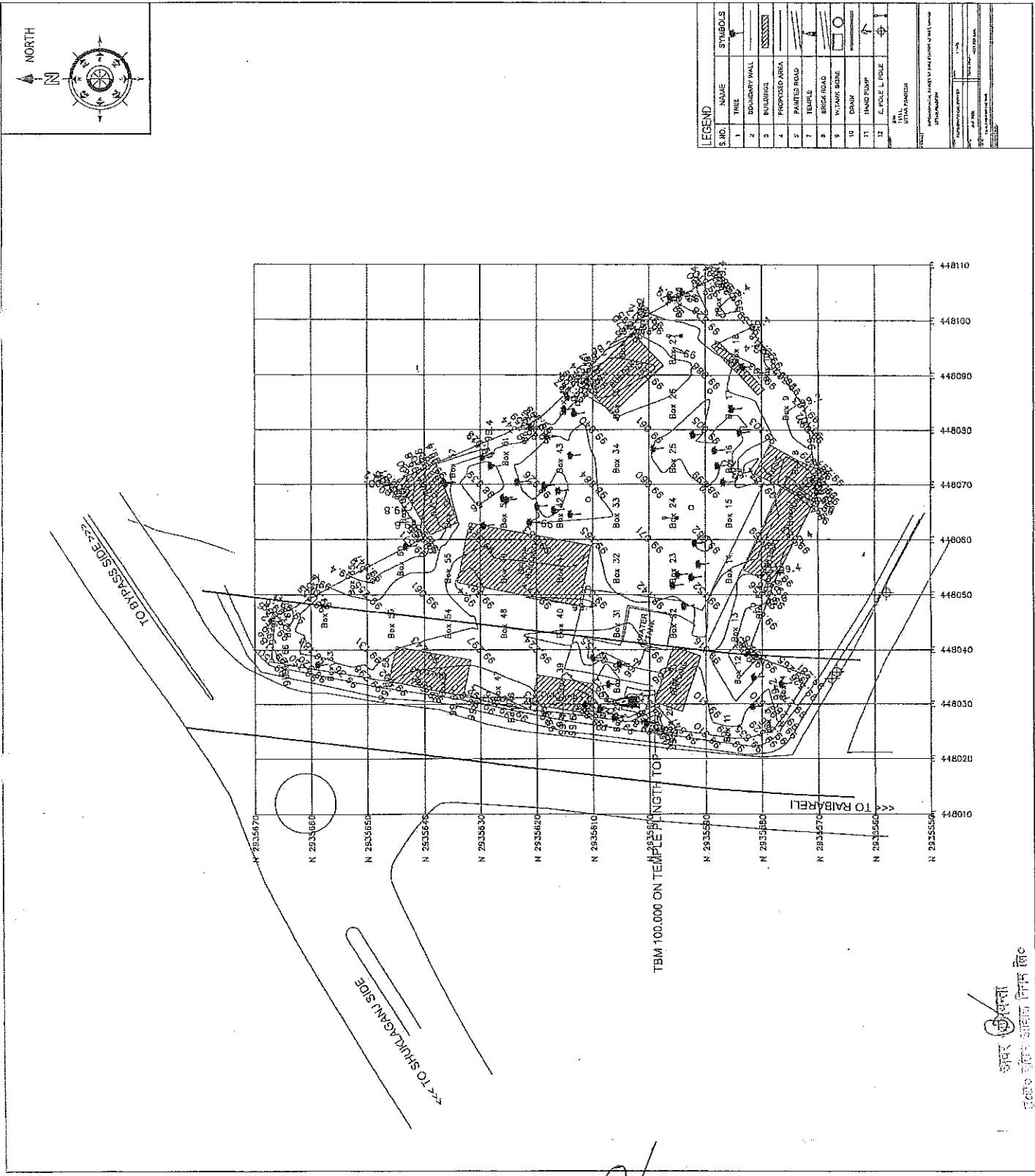
U.P. Police Avas Nigam Ltd., Construction Unit- Lucknow

NAME OF WORK - CONSTRUCTION OF FIRE STATION (G+9) (3/4 UNITS) AT , UNNAO

S.No.	Particular	1 ST MONTH	2 ND MONTH	3 RD MONTH	4 TH MONTH	5 TH MONTH	6 TH MONTH	7 TH MONTH	8 TH MONTH	9 TH MONTH	10 TH MONTH	11 TH MONTH	12 TH MONTH	13 TH MONTH	14 TH MONTH	15 TH MONTH	16 TH MONTH	17 TH MONTH	18 TH MONTH
1	E-Tender Process	T	A																
2	Land Clearance, Lay Out & Foundation Work Up to Plinth Level	T	A																
3	RCC Frame Structure Up to Terrace Level	T	A																
4	Brick Work I/C Fabrication Work Up to Terrace Level	T	A																
5	Water supply and Electrical Conduit work	T	A																
6	Plaster Work Up to Top Floor	T	A																
7	Flooring , wall tiles Work & Electrification work	T	A																
8	Painting & finishing work	T	A																
9	Lift and D.G. Set work																		
10	Development Work	T	A																
11	External electrical Work i/c Transformer, LT Line etc	T	A																
		T	TARGET																
		A	ACHIVE																
	NOTE:-	ACTUAL DATE OF START & COMPLETION WILL BE AS PER AGREEMENT																	

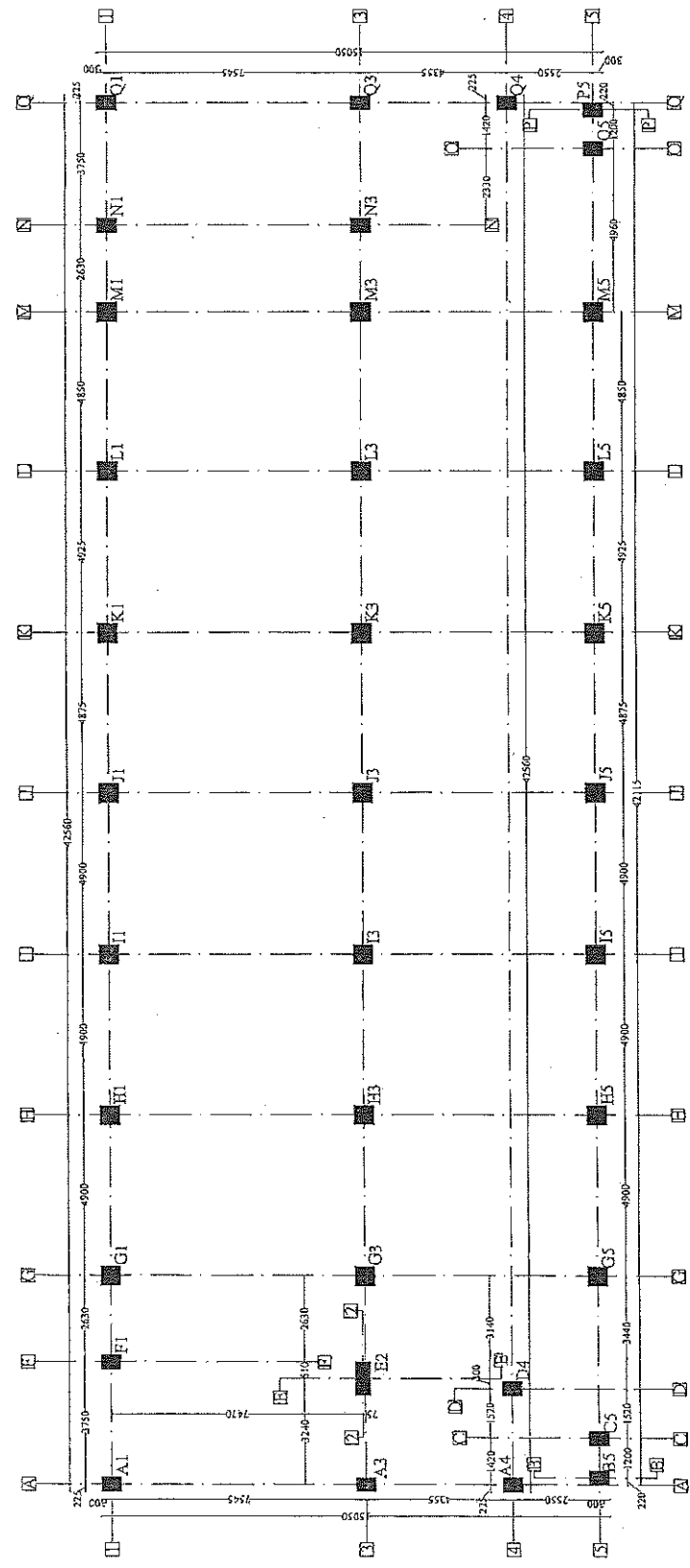
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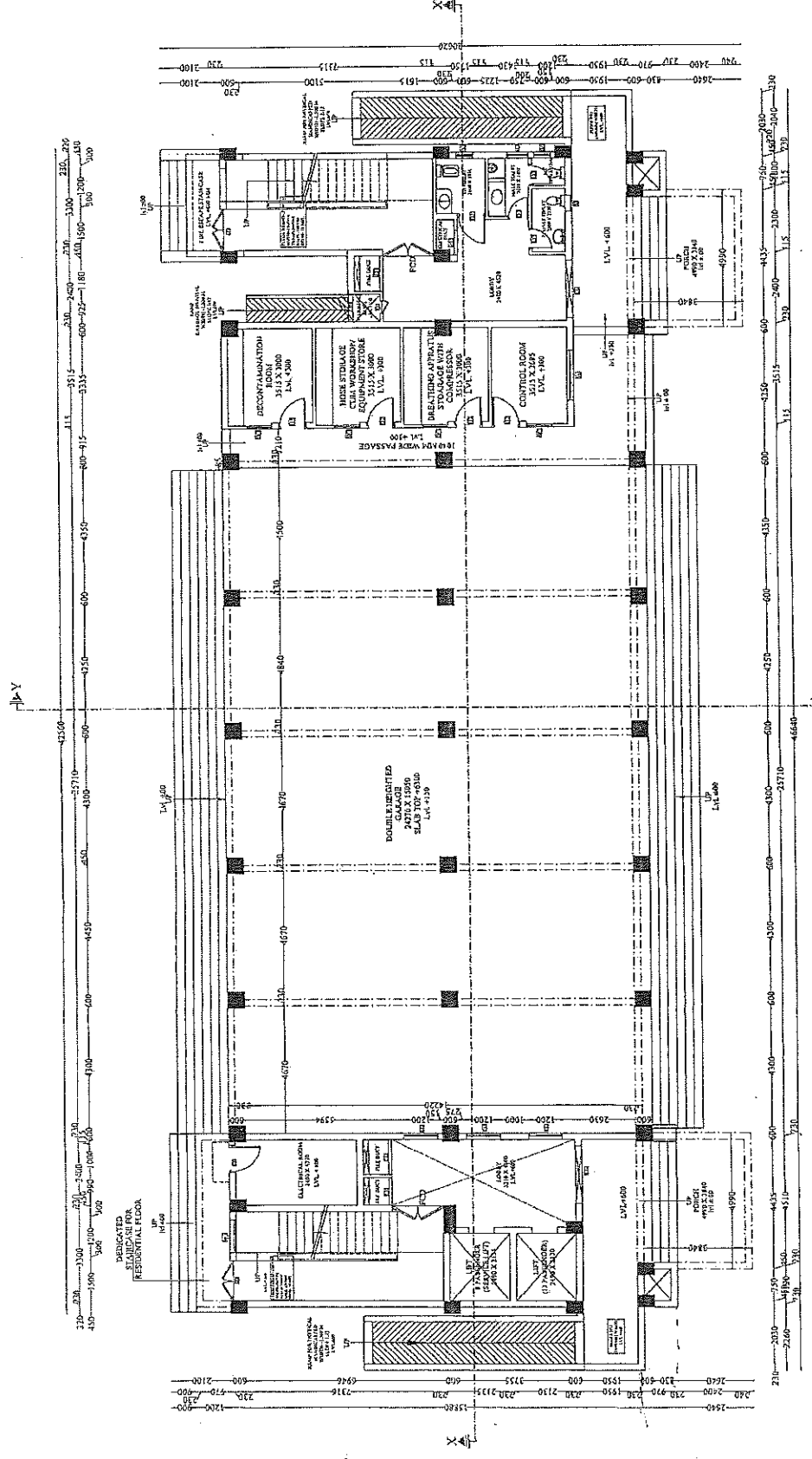
सहायक अभियन्ता
उ० प्र० पब्लिक वर्कस विभाग लि०
लाहौर

अवर अभियन्ता
उ० प्र० पब्लिक वर्कस विभाग लि०
लाहौर

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. UNNAO (U.P.) 309	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DWG. TITLE :- CENTER LINE PLAN (GROUND FLOOR TO FIRST FLOOR)	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSIONS ARE TO BE FOLLOWED, DRAWING NOT TO BE SCALED. 3. THIS DRG. IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE REPORTED TO THE ARCHITECT IMMEDIATELY. 5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWING. 6. ALL THE COLUMN SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE. ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. ALL THE SERVICES (ELECTRICITY, WATER, GAS, TELEPHONE, ETC.) ARE TO BE PROVIDED BY THE RESPECTIVE DEPARTMENTS. THE ARCHITECT WILL BE RESPONSIBLE FOR THE LAYOUT OF THE SERVICES ONLY. 8. ALL THE AREA CALCULATIONS ARE BASED ON AS PER THE CLIENT'S REQUIREMENT. 9. THE ARCHITECT IS NOT RESPONSIBLE FOR THE DEPARTMENT (FIRE & EMERGENCY SERVICE DEPARTMENT).	
MANAGER (ARCH) :- G.M. :-	CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.
DATE :- DRG. NO. :- NORTH :-	DEALT BY :- PRAPHULLA KUMAR GUPTA (B. Arch. M. Plan) PRANSIO GUPTA (B. Arch. M. Plan)
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS 2 AGF-110 SECTOR - D SUSHANT GOLF CITY SHAHED PATH LUCKNOW-226029, MOBILE: 9791453111 swastikaarchitect@gmail.com	



PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. - UNNAO (U.P.)		CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)		DRG. TITLE :- GROUND FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN M/M. 2. WHETHER DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALE. 3. THE PROPERTY OF HIS SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THE DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE HOUR PRELIMINARY OF THE AUTHORITY OF THE ARCHITECT BUT ONE EXECUTION. TO THE NOTICE OF THE ARCHITECT BUT ONE EXECUTION. DEFECTS AT THE STAGE OF PRELIMINARY & TENDER. 4. ALL THE DIMENSIONS ARE SHOWN IN THE DRAWING ARE ONLY INDICATIVE. ACTUAL SIZE AND POSITION WILL BE AS SHOWN IN THE DRAWING. 5. ANY DIMENSION REQUIRED FOR OTHER SERVICES (ELECTRICAL, PLUMBING, MECHANICAL, ETC.) WILL BE PROVIDED AS PER REQUIREMENT. 6. THE DIMENSION OF THE BUILDING, AS FOR THE CLIENT DEPARTMENT FIRE & EMERGENCY SERVICE DEPARTMENT. 7. PLUMBING AREA AS FOR IS 3462/2002. 8. ELECTRICAL AREA AS FOR IS 3462/2002. 9. MECHANICAL AREA AS FOR IS 3462/2002. 10. TOTAL AREA AS FOR IS 3462/2002.			
MANAGER (ARCH) :- G.M.		CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :- DRG. NO. :- AR-02		SCALE :- NORTH	
DEALT BY :- ARCHITECT :- PRANSHU GUPTA		ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AC-110 SECTOR - D SUSANT GOLF CITY SHAHED PATH LUCKNOW-226009. MOBILE: 9793433111 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	68.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.27 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	52.46 SQ.MT.
MUMTY AREA X 2 -	31.62 SQ.MT.
MACHINE ROOM -	546.91 SQ.MT.

सहायक अभियंता
 उ० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई

इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई

उपर अभियंता
 उ० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई

उपर अभियंता
 उ० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई

उपर अभियंता
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 निर्माण इकाई

GROUND FLOOR PLAN

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST - UNNAO (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG, TITLE:-

FIRST FLOOR PLAN

- NOTES:
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN PERMISSION IS TO BE FOLLOWED. DRAWING NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
3. THIS SET IS THE PROPERTY OF THE SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE POLICE PERMISSSION.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXCUTION OF WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MATERIAL DEFECT AT LATER STAGE OF THE PROJECT AND A TENDERER SHALL BE RESPONSIBLE FOR THE MATERIAL DEFECT DURING THE DRAWINGS.
6. ALL THE STRUCTURE SIZE SHOWN IN THE DRAWING ARE AS PER THE STRUCTURE CONSULTANT
7. OTHER ANY REQUIRED DIRECT-ORDER SERVICE CHARGE WILL BE ADDITIONAL ON TOP OF THE FEE.
8. THE FINAL COLLECTION IS MADE ON AS PER IT'S COMPLETION.
9. PAYMENT OF THE FEE IS TO BE MADE AS PER THE CLIENT REQUIREMENT. THERE IS NO CHANGE OF SERVICE REVENUE AFTER THE COMPLETION OF THE PROJECT.

PLANTH AREA AS PER 15 DEC 1982	
GROUND FLOOR AREA -	648.00 SQ.MT.
FIRST FLOOR AREA -	238.40 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.83 SQ.MT.
FOURTH FLOOR AREA -	571.15 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	571.26 SQ.MT.
SEVENTH FLOOR AREA -	571.26 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	580.21 SQ.MT.
TOTAL FLOOR AREA -	5396.81 SQ.MT.

MANAGER(ARCH):	G.M.:
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CONSTRUCTION AGENCY

ITP POLICE A WAS NIGAM LTD.

13 A 9137

DRG. NO. 3

SCALE:

NORTH:-

FIRST FLOOR PLAN

DEALT BY: PRAPHULLA KUMAR GUPTA
ARCHITECT:-
(EX-Act, N.K. Plan)

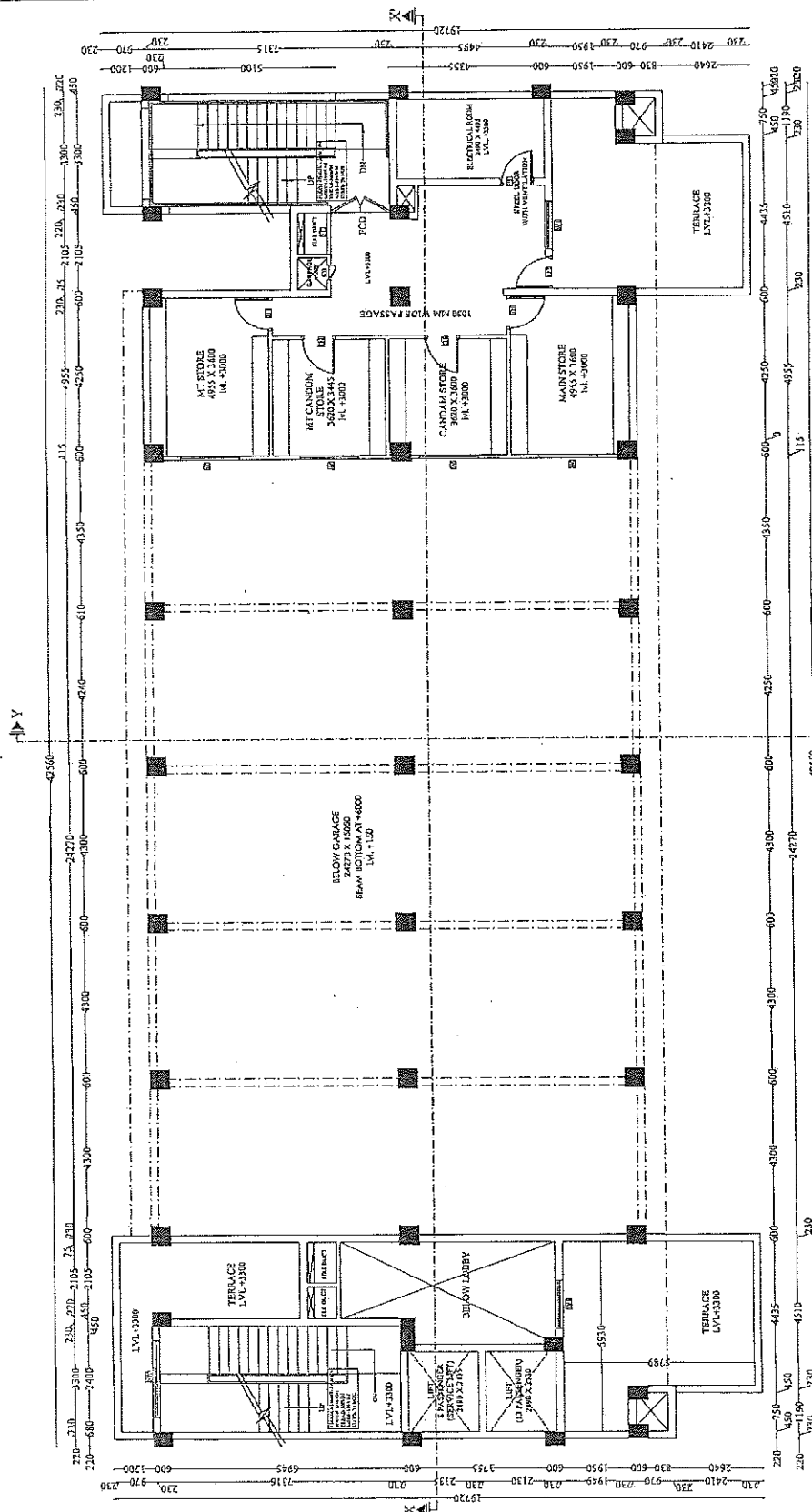
CA/1068/43652
PRANSHU VERMA
J.R. PRABHOLLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
S-2 ACP-110 SECTOR -D SUSHANT GOLF CITY
SHYAMDEE PATH LUCKNOW-226029.
MOBIL: 9793453511

11550566-6-ET)80)M
(8007101066-6)80)M



COVERED AREA STATEMENT SHEET	
GROUND FLOOR AREA -	563.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	631.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	521.26 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	560.21 SQ.MT.
MUMTY AREA X 2 -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

इकाई प्रमारी
उपप्र० पुलिस आवास नि
निर्माण इकाई. लख

सहायक अभियन्ता
उ० प्र० पुलिस आयाम निगम लि०
गुमनांग इकाई

अवर अभियन्ता
उपरा पुलिस आवास निगम लि०
इकाई-लाइनर
नैर्माण

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (U.P.) 832

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

SECOND FLOOR PLAN

- NOTES :-
1. ALL DIMENSIONS ARE IN MM.
 2. THE DRAWING IS TO BE FOLLOWED DRAWING NOT BE SCALE.
 3. THIS DRG. IS THE PROPERTY OF M/S. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE SIGNATURE OF THE ARCHITECT.
 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT THE TIME OF THE DRAWING.
 5. THESE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
 6. ALL DIMENSIONS GIVEN IN THE DRAWING ARE PER THE STRUCTURE CONSULTANT.
 7. OTHER ANY REQUIRED DATA OTHER SERVICES CLUTE SHALL BE PROVIDED BY THE CLIENT.
 8. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 9. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 10. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 11. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 12. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 13. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 14. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.
 15. ALL AREA CALCULATION IS BASED ON AS PER IS CODE.

PLANT AREA AS PER IS 3442:2000
GROUND FLOOR AREA - 668.08 SQ.MT.
FIRST FLOOR AREA - 230.48 SQ.MT.
SECOND FLOOR AREA - 609.83 SQ.MT.
THIRD FLOOR AREA - 651.85 SQ.MT.
FOURTH FLOOR AREA - 571.52 SQ.MT.
FIFTH FLOOR AREA - 521.26 SQ.MT.
SIXTH FLOOR AREA - 521.26 SQ.MT.
SEVENTH FLOOR AREA - 541.06 SQ.MT.
EIGHTH FLOOR AREA - 560.21 SQ.MT.
NINTH FLOOR AREA - 58.46 SQ.MT.
TOTAL FLOOR AREA - 5483.91 SQ.MT.

MANAGER (ARCHT) :

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-04

SCALE :-

NORTH :-

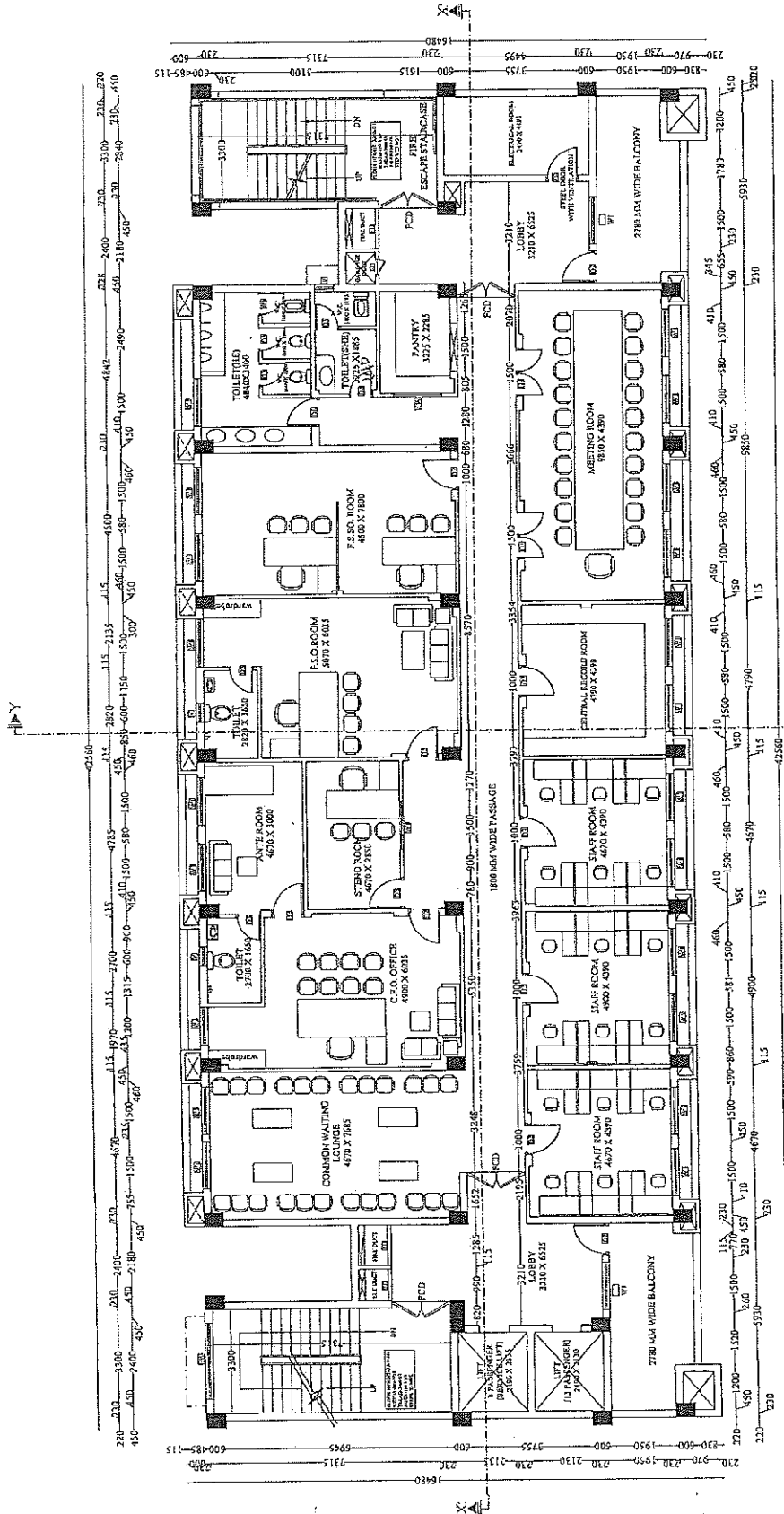
DEALT BY :-

ARCHITECT
PRATAP KUMAR GUPTA
(B.N. Plan)
PIANSHU VERMA
900843652
NEW DELHI

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
S8-2 AGP-116 SECTOR - D, SUSHANT GOLF CITY
SHABED PATH LUCIGNO W-22079,
MOBILE 979343311
jvswastikaarchitect@gmail.com



SECOND FLOOR PLAN

COVERED AREA STATEMENT CHART

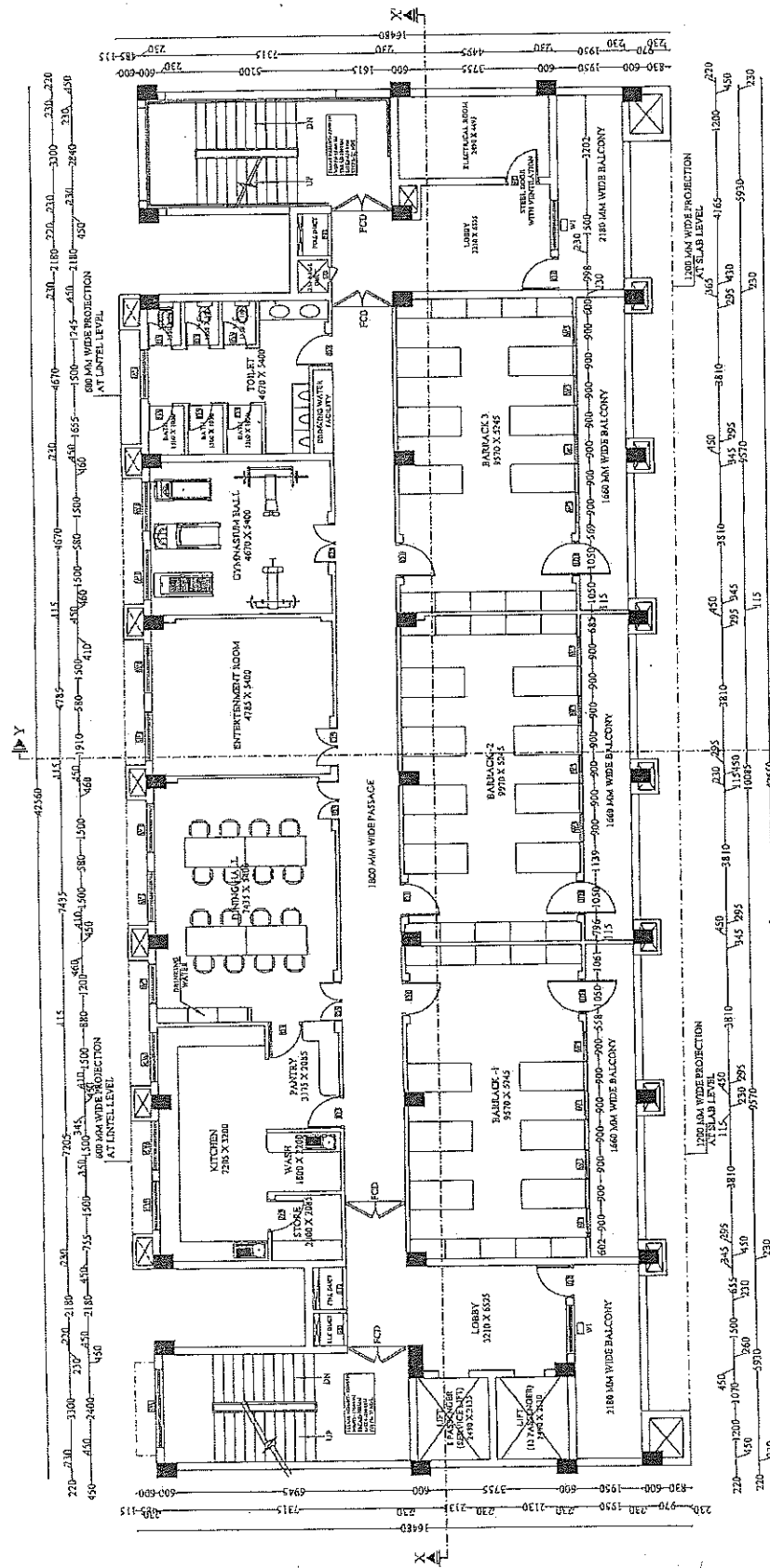
GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.83 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.63 SQ.MT.
TOTAL FLOOR AREA -	5483.91 SQ.MT.

सहायक आभार
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

उपर आभार
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई-राजवाडा

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. UNNAO (U.P.) 833	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- THIRD FLOOR PLAN	
NOTES :- 1. DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE SCALED. 3. THE DRG. IS THE PROPERTY OF SWASTIKA ARCHITECTS. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE EXECUTION. 5. THERE ARE ONLY 3 CONCEPT PLAN ACTUAL AREA MAY DIFFER AT LATER STAGE OF PUBLISHED & TYPICAL DRAWING. 6. THE COLUMN SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. ALL THE ELECTRICAL & SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. ELEVATOR CALCULATION IS BASED ON AS PER CODE REQUIREMENT OF THE BUILDING AS PER THE CLIENT'S REQUIREMENT (SEE A SEPARATE SERVICES DEPARTMENT). PLINTH AREA AS PER IS 3881:1982 GROUND FLOOR AREA - 668.08 SQ. MT. FIRST FLOOR AREA - 230.48 SQ. MT. SECOND FLOOR AREA - 699.82 SQ. MT. THIRD FLOOR AREA - 571.52 SQ. MT. FOURTH FLOOR AREA - 571.52 SQ. MT. FIFTH FLOOR AREA - 571.52 SQ. MT. SIXTH FLOOR AREA - 571.52 SQ. MT. SEVENTH FLOOR AREA - 571.52 SQ. MT. EIGHTH FLOOR AREA - 571.52 SQ. MT. NINTH FLOOR AREA - 571.52 SQ. MT. TOTAL FLOOR AREA - 5485.91 SQ. MT. G.M. : MANAGER (ARCH) : CONSTRUCTION AGENCY : U.P. POLICE AWAS NIGAM LTD. DATE :- DRG. NO. :- AR-05 SCALE :- NORTH :- DEALT BY :- PRAPULLA KUMAR GUPTA (B. Arch. M. Plan) PRANSHU VERMA ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 ACF-10 SECTOR-30 SURABH GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE-9799453111 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ. MT.
FIRST FLOOR AREA -	230.48 SQ. MT.
SECOND FLOOR AREA -	699.82 SQ. MT.
THIRD FLOOR AREA -	571.52 SQ. MT.
FOURTH FLOOR AREA -	571.52 SQ. MT.
FIFTH FLOOR AREA -	571.52 SQ. MT.
SIXTH FLOOR AREA -	571.52 SQ. MT.
SEVENTH FLOOR AREA -	571.52 SQ. MT.
EIGHTH FLOOR AREA -	571.52 SQ. MT.
NINTH FLOOR AREA -	571.52 SQ. MT.
MUMTY AREA X-2 -	58.46 SQ. MT.
MACHINE ROOM -	31.62 SQ. MT.
TOTAL FLOOR AREA -	5485.91 SQ. MT.

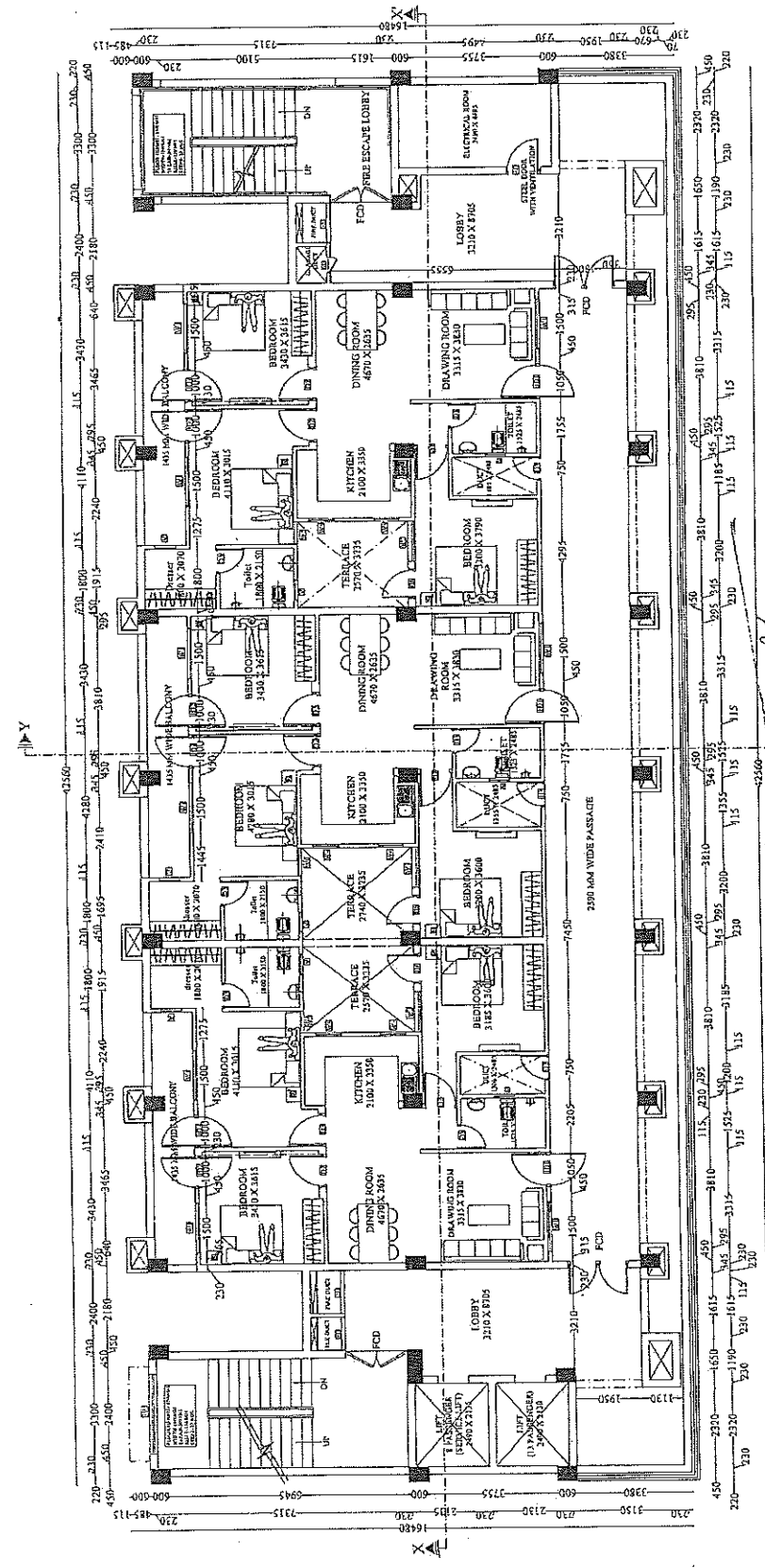
THIRD FLOOR PLAN

उपर आवास निगम लि.
निर्माण इकाई -

उपर आवास निगम लि.
निर्माण इकाई -

उपर आवास निगम लि.
निर्माण इकाई -

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. - UNNAO (U.P.) 334		CLIENT :- HOME DEPARTMENT	BUILDING :- FIRE STATION (3/4 UNIT)	DRG. TITLE :- FOURTH FLOOR PLAN	NOTES: 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT BE SCALED. 3. THE PROPERTY OF THE SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. AS SHOWN IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. DEFER AT LATER STAGE OF PRELIMINARY & TENDER. 5. ALL THE COLUMN SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURAL DRAWING. 6. THE STRUCTURE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENT OF THE BUILDING AS PER THE CLIENT. 7. THE REQUIREMENT OF THE BUILDING AS PER THE CLIENT SHALL BE PROVIDED AS PER REQUIREMENT. 8. THE REQUIREMENT OF THE BUILDING AS PER THE CLIENT SHALL BE PROVIDED AS PER REQUIREMENT. 9. THE REQUIREMENT OF THE BUILDING AS PER THE CLIENT SHALL BE PROVIDED AS PER REQUIREMENT. 10. THE REQUIREMENT OF THE BUILDING AS PER THE CLIENT SHALL BE PROVIDED AS PER REQUIREMENT.	MANAGER (ARCH) :- G.M. :-	CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	DATE :- DRG. NO. :- AR-06	SCALE :- NORTH :-	DEALT BY :- DR. ANSHU VERMA (ARCHITECT) PRANSHU VERMA (ARCHITECT)	ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AG-110 SECTOR - 30 SURSHANT GOLF CITY SHAHIBAD PATH LUCKNOW-226027, MOBILE-979453111 swastikaarch@gmail.com
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COVERED AREA STATEMENT CHART

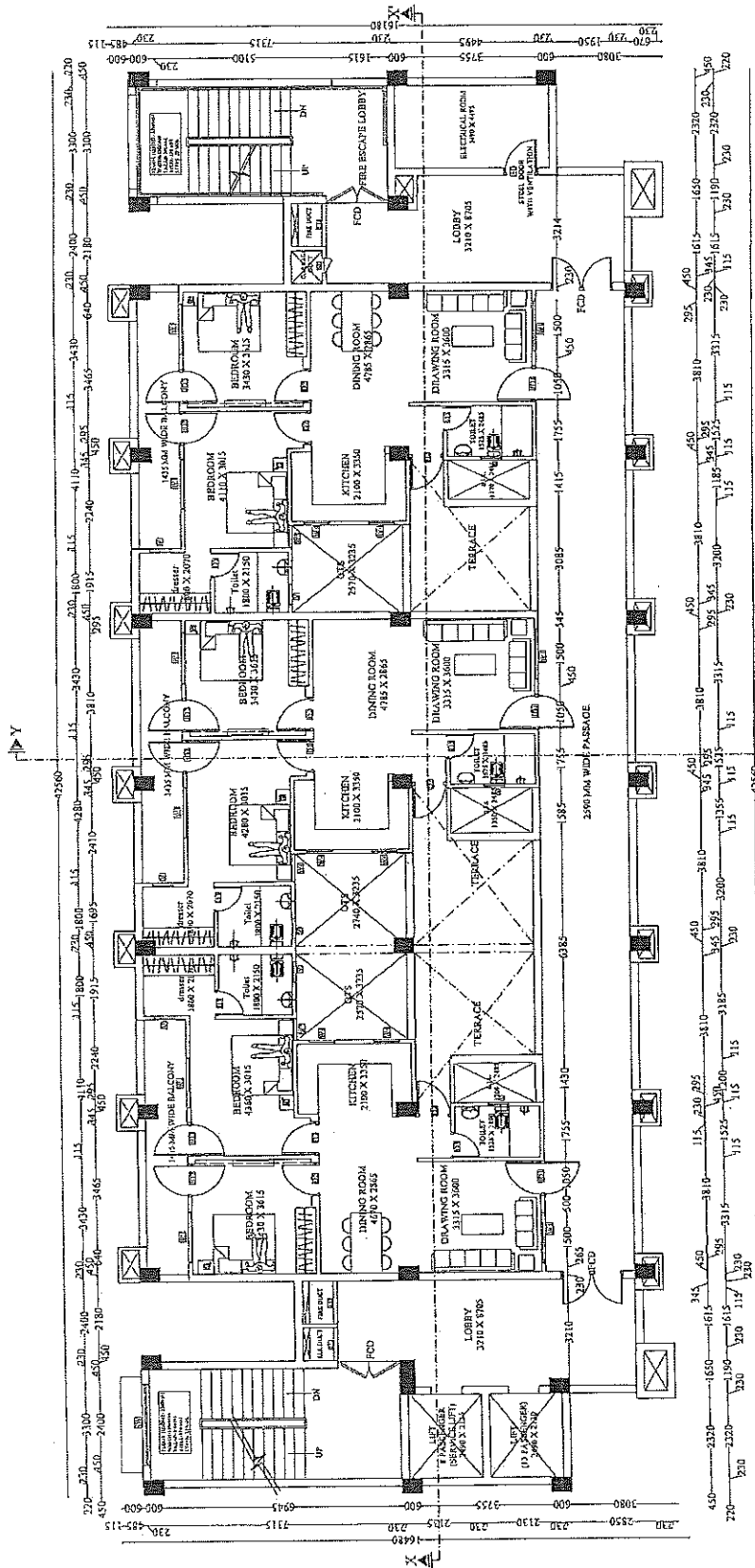
GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	521.26 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	560.21 SQ.MT.
MUMTY AREA X-1 -	55.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

DR. ANSHU VERMA
(ARCHITECT)
PRANSHU VERMA
(ARCHITECT)

उपर दियवता
उमर गुप्त अवतार निगम लि.
द्वारा इकाई-बादल

FOURTH FLOOR PLAN
TYPE A (UNIT AREA-105.00 SQ.MT.)

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO. DIST. - UNNAO (U.P.) 235	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- FIFTH FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. DIMENSIONS TO BE FOLLOWED, DRAWING NOT TO BE SCALED. 3. THIS DRG. IS THE PROPERTY OF MRS. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. ANY REPRODUCTION OR USE WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. 5. THERE ARE ONLY TWO CONCEPT PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWING. 6. DIMENSIONS SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. OTHER ANY ACQUIRED BUT NOTED CHANGES CHUTE SHALL BE INDICATED BY THE ARCHITECT AS PER THE CODE. 8. FIFTH FLOOR AREA CALCULATION IS BASED ON AREA CODE. 9. DIMENSIONS OF THE BUILDING AS PER THE STRUCTURE CONSULTANT SHALL BE INDICATED BY THE ARCHITECT AS PER THE CODE. 10. DIMENSIONS OF THE BUILDING AS PER THE STRUCTURE CONSULTANT SHALL BE INDICATED BY THE ARCHITECT AS PER THE CODE.	
MANAGER (ARCH) :- C.M. :-	
CONSTRUCTION AGENCY U.P. POLICE A WAS NIGAM LTD.	
DATE :- DRG. NO. :- AR-07	SCALE :- NORTH :-
DEALT BY :- ARCHITECT :-	ARCHITECT :- PRANSHU VERMA ARCHITECTURAL CONSULTANT
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 ACP, 110 SECTOR - D, SUSHANT GOLF CITY SHAIBED PATH, LUCKNOW-226029. MOBILE 9793431511 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	660.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.53 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

अवर अभियन्ता
उपपंच पुलिस आवास निगम लि.
निर्माण इकाई-बचक

सहायक अभियन्ता
उप पंच पुलिस आवास निगम लि.
निर्माण इकाई-बचक

FIFTH FLOOR PLAN
TYPE B (UNIT AREA- 90.00 SQ.MT.)

PROJECT :

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST:- UNNAO (U.P.)

CLIENT :

HOME DEPARTMENT

BUILDING :

FIRE STATION (3/4 UNIT)

DRG. TITLE :

SIXTH TO SEVENTH FLOOR PLAN

NOTES :

1. ALL DIMENSIONS ARE IN MM.
2. THE DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED.
3. THE DRG. IS THE PROPERTY OF MRS. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. NO PART OF THE DRG. IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THE DRG. IS ONLY THE CONCEPTUAL ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL DIMENSIONS ARE IN MM. DIMENSIONS IN THE DRAWING ARE TO BE TAKEN AS INDICATED.
7. OTHER ANY REQUIRED DUCT/PIPE/SERVICES/CHUTE SHALL BE PROVIDED BY THE CLIENT.
8. ALL DIMENSIONS ARE IN MM. DIMENSIONS IN THE DRAWING ARE TO BE TAKEN AS INDICATED.
9. ALL DIMENSIONS ARE IN MM. DIMENSIONS IN THE DRAWING ARE TO BE TAKEN AS INDICATED.
10. ALL DIMENSIONS ARE IN MM. DIMENSIONS IN THE DRAWING ARE TO BE TAKEN AS INDICATED.

MANAGER (ARCH) :

G.M. :

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :

DRG. NO. :-

AR-08

SCALE :

NORTH :-

DEALT BY :

ARCHITECT :

PRAPTHAKUMAR GUPTA

(B.Arch, NIT) (I)

PRANSU VERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

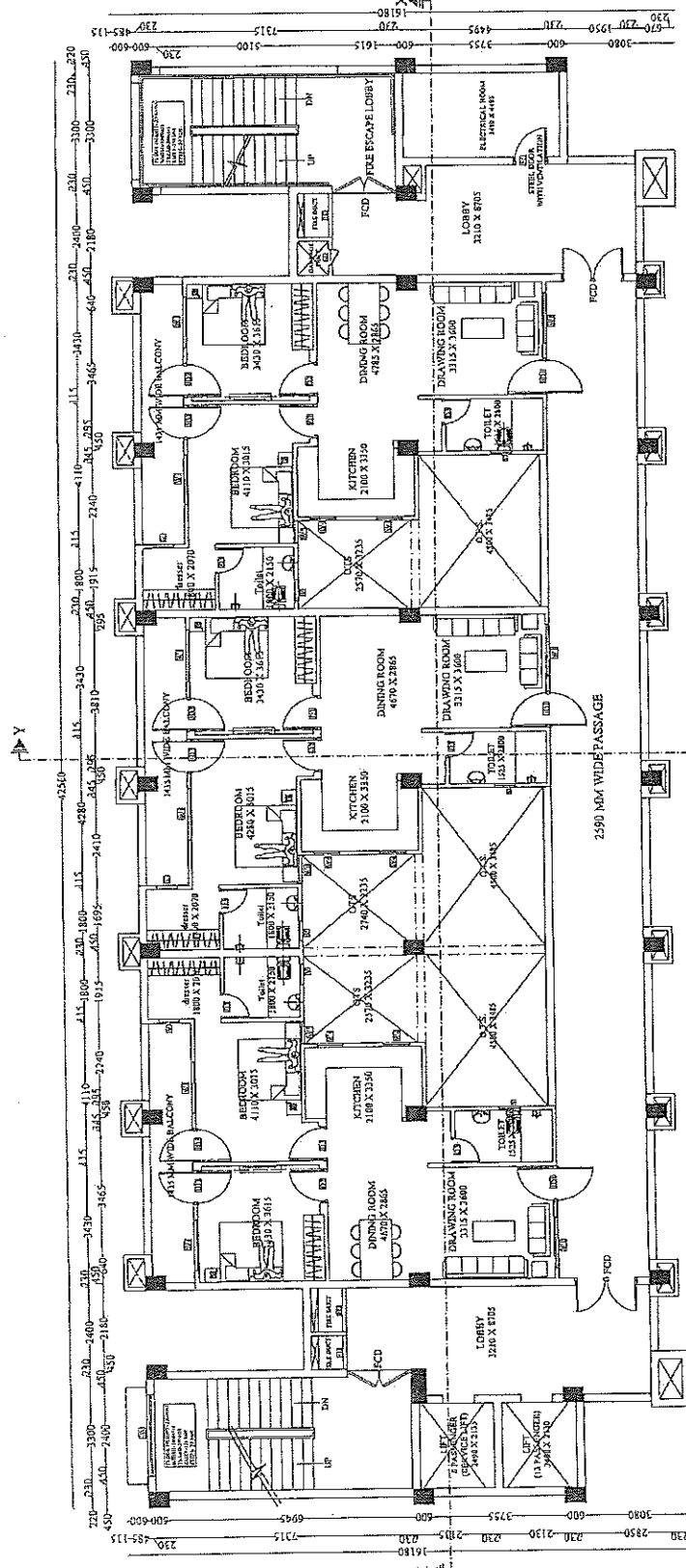
ARCHITECTS & INTERIOR DESIGNERS

SS-4, G-110 SECTOR D, ESHANT GOLF CITY

SHAHED PATH, LUCKNOW-226029,

MOBILE: 9795431311

swastikaarchitect@gmail.com



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	608.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

सहायक अभियन्ता
उपर आशियन्ता
उपर पुलिस आवस निगम लि.
निर्माण इकाई

उपर आशियन्ता
उपर पुलिस आवस निगम लि.
निर्माण इकाई-लवणज

SIXTH TO SEVENTH FLOOR PLAN
TYPE B (UNIT AREA-90.00 SQ.MT.)

PROJECT :

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (U.P.)

337

CLIENT :

HOME DEPARTMENT

BUILDING :

FIRE STATION (3/4 UNIT)

DWG. TITLE :

8TH FLOOR PLAN

NOTES :

1. ALL DIMENSIONS ARE IN MM.
2. THE DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR ANY OTHER PURPOSE.
3. THE DRAWING IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FLOOR PERMISSION IS OBTAINED FROM THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THERE ARE ONLY TWO TOILETS IN THE UNIT.
6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE AS PER THE REQUIREMENT OF THE ARCHITECT.
7. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT OF THE ARCHITECT.
8. THE AREA CALCULATION IS MADE AS PER THE CORNER TO CORNER METHOD.
9. THE AREA OF THE BUILDING IS 90.00 SQ. MT.
10. THE AREA OF THE BUILDING IS 90.00 SQ. MT.

MANAGER (ARCHT) :

G.M. :

CONSTRUCTION AGENCY

U.P. POLICE A WAS NIOAM LTD.

DATE :

AR-09

SCALE :

NORTH :

DEALT BY :

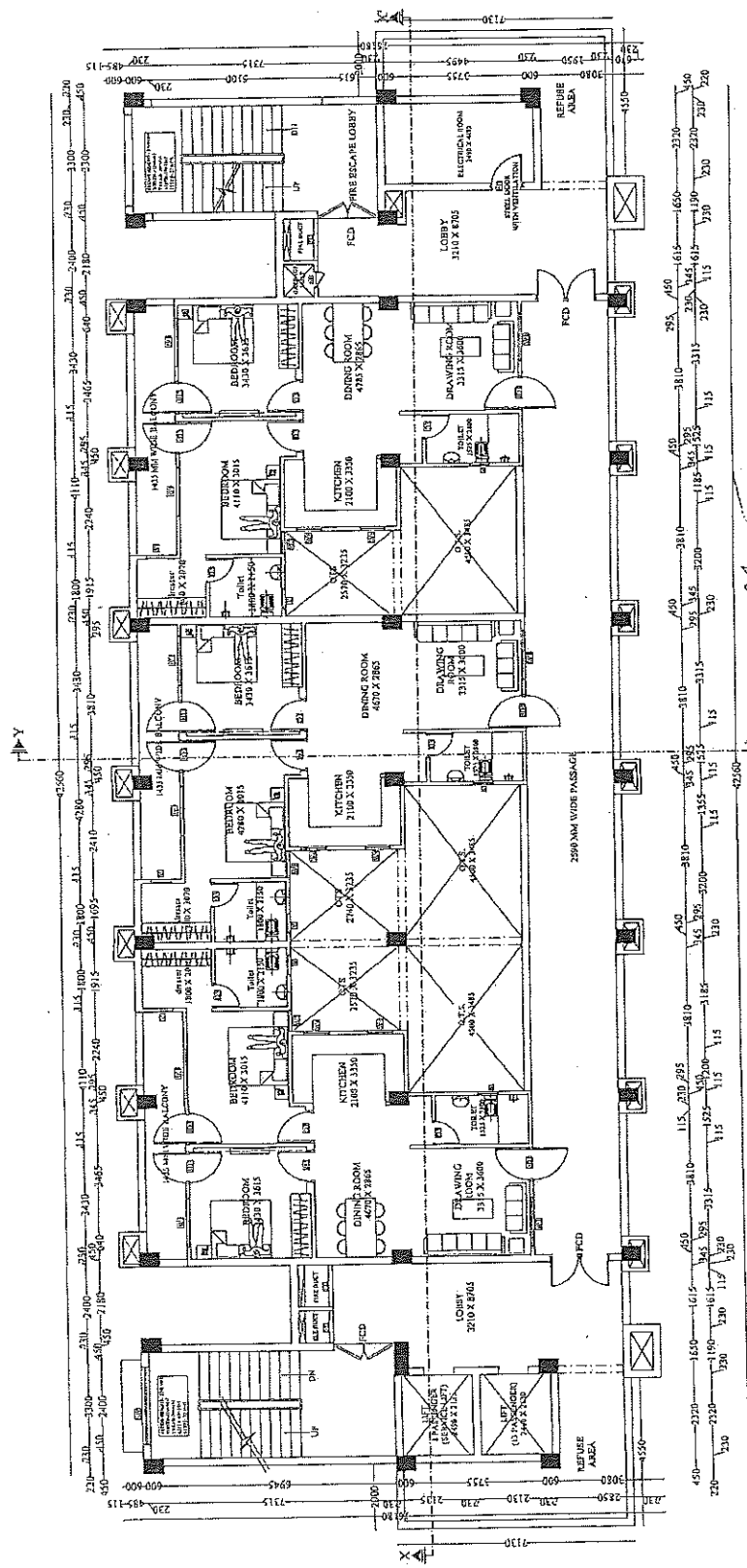
PRATHULLA KUMAR GUPTA
(3 ANS EXP.)

PRANSHU VERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
S-2 AGRI-119 SEC-10 COLONY, GOLF CITY,
SHALIBAHAU, NEW DELHI-110029,
MOBILE-979453411
swastikaarchitect@gmail.com



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	683.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.36 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	560.21 SQ.MT.
MUMTY AREA X 2 -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

उत्तर अभियन्ता
उत्तर पुलिस आवास निगम लि०
निर्माण इकाई-सहायक

उत्तर अभियन्ता
उत्तर पुलिस आवास निगम लि०
निर्माण इकाई-सहायक

8TH FLOOR PLAN
TYPE B (UNIT AREA-90.00 SQ.MT.)

PROJECT:-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (U.P.)

CLIENT:-

HOME DEPARTMENT

BUILDING:-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

NINTH FLOOR PLAN

- NOTES:-
1. DIMENSIONS ARE IN MM.
 2. WALL THICKNESS IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED.
 3. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
 5. THERE ARE ONLY THE CONCEPT PLAN, ACTUAL AREA MAY DIFFER AT LATER STAGE OF PRACTICE.
 6. DRAWINGS ARE TO BE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
 7. OTHER ANY REQUIRED ENLIGHTENED SERVICES CHUTE ARE TO BE PROVIDED AS PER THE REQUIREMENT.
 8. ELECTRICAL CALCULATION SHALL BE AS PER IS CODE.
 9. THE DRAWING IS TO BE SHOWN AS PER THE CLIENT'S REQUIREMENT (FOR EMERGENCY SERVICES (RE-ENTRY)).

GROUND FLOOR AREA - 668.08 SQ.MT.
FIRST FLOOR AREA - 230.48 SQ.MT.
SECOND FLOOR AREA - 609.85 SQ.MT.
THIRD FLOOR AREA - 651.85 SQ.MT.
FOURTH FLOOR AREA - 571.52 SQ.MT.
FIFTH FLOOR AREA - 521.26 SQ.MT.
SIXTH FLOOR AREA - 521.26 SQ.MT.
SEVENTH FLOOR AREA - 541.06 SQ.MT.
EIGHTH FLOOR AREA - 560.21 SQ.MT.
NINTH FLOOR AREA - 31.62 SQ.MT.
TOTAL FLOOR AREA - 5486.91 SQ.MT.

G.M.:

MANAGER/ARCHITECT:

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE:-

DRG. NO.:-

AR-10

SCALE:-

NORTH:-

DEALT BY:-

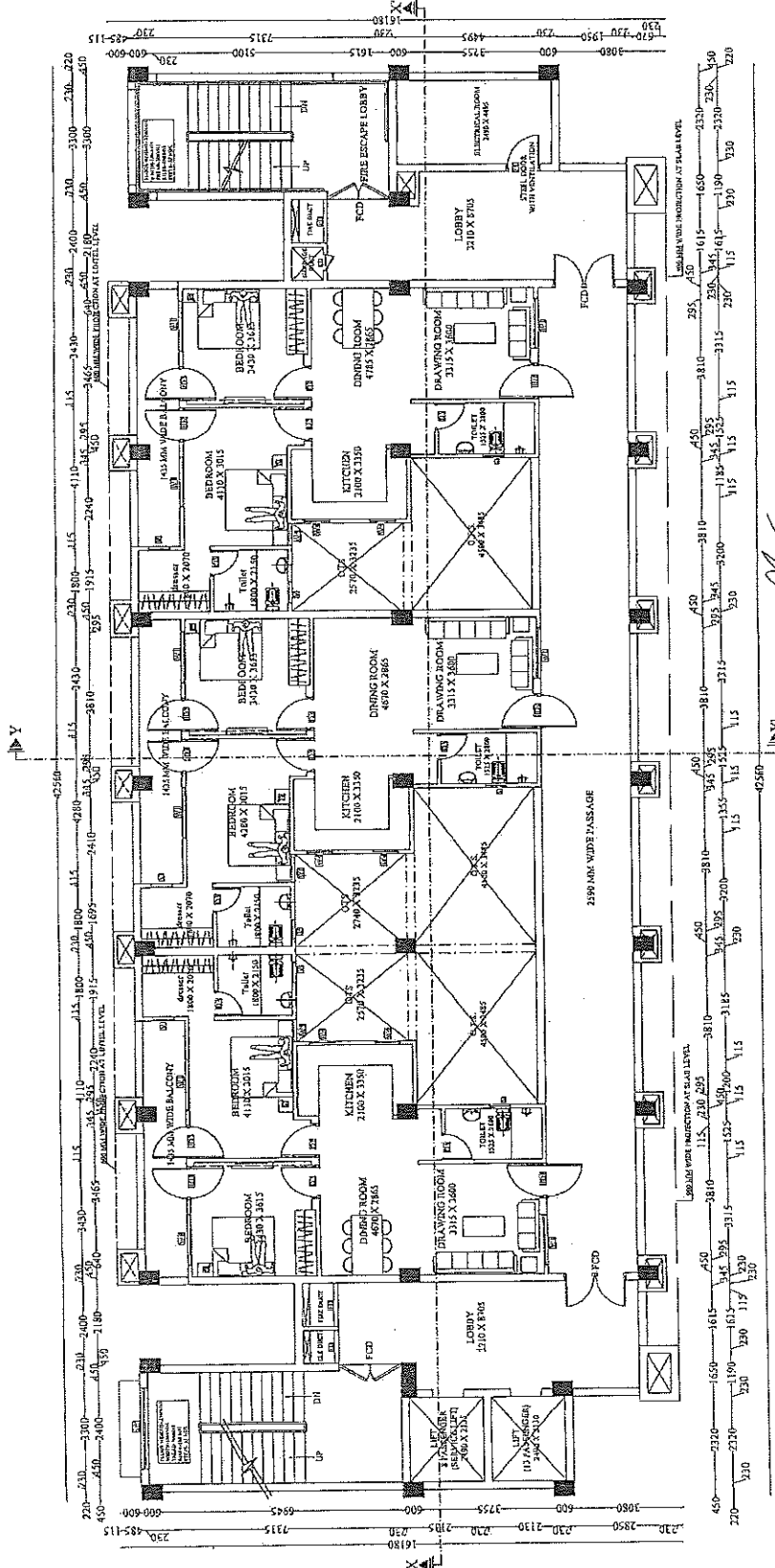
ARCHITECT:-
PRASHANT KUMAR GUPTA
(B.Arch, M.Tech)

PRASHANT KUMAR GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-116 SECTOR-3 SURBANT GOLF CITY
SHARAD PATH LUCKNOW-226007,
MOBILE-9795453111
swastikaarchitect@gmail.com



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
MUMTY AREA X 2 -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

NINTH FLOOR PLAN
TYPE B (UNIT AREA-90.00 SQ.MT.)

PROJECT:-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST:- UNNAO (U.P.) 224

CLIENT:-

HOME DEPARTMENT

BUILDING:-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

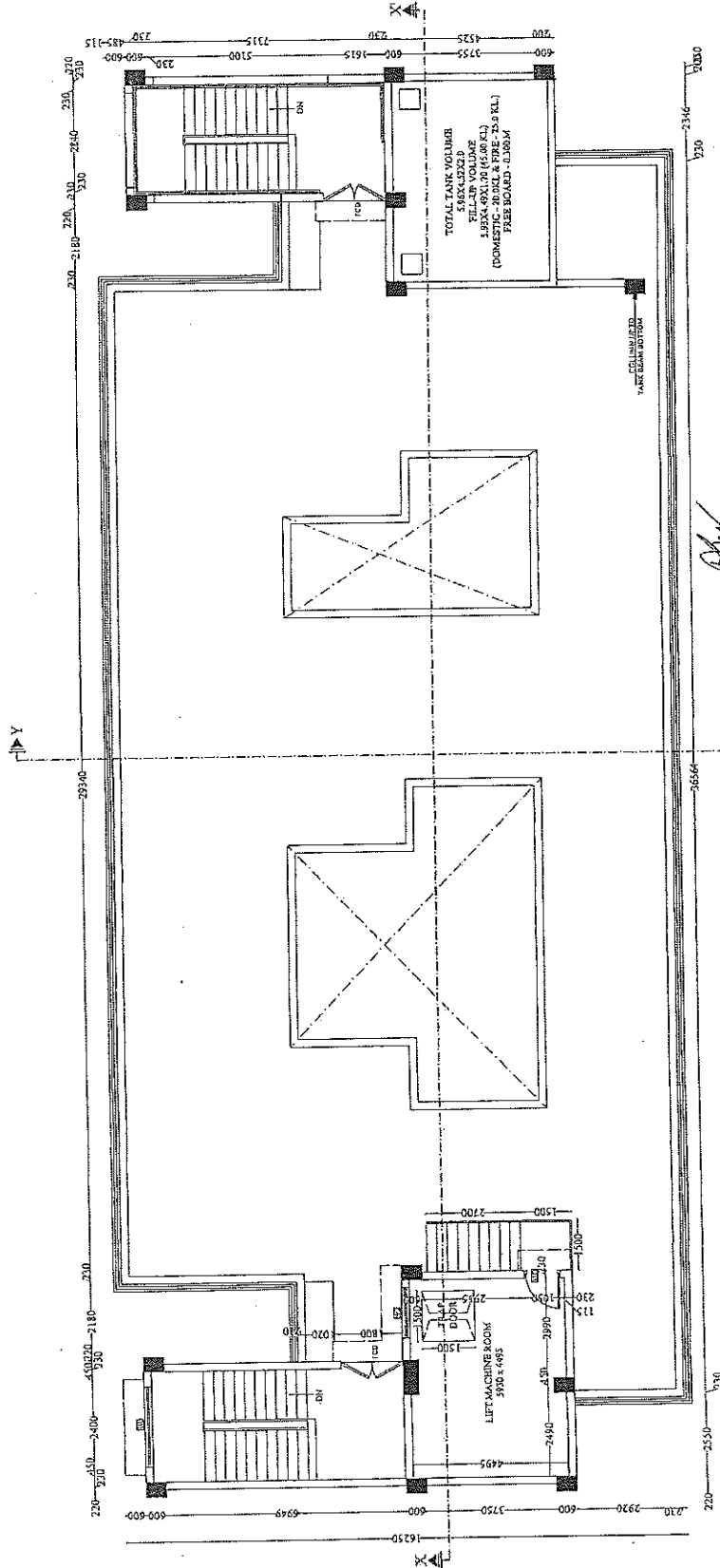
TERRACE FLOOR PLAN

NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. THE DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE REPRODUCED.
3. THIS Dwg. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. NO PART OF THIS Dwg. MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT IMMEDIATELY. NO CLAIM WILL BE MADE FOR THE CONCEPT PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
5. ALL THE DIMENSIONS FOR ANCHORS IN THE DRAWING ARE TO BE AS PER THE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
6. OTHER ANY REQUIRED DUCT OTHER SERVICES CREDIT WILL BE MADE BY THE ARCHITECT AS PER THE CLIENT'S REQUIREMENT.
7. PLUMBING & ELECTRICAL WORKS ARE TO BE DONE BY THE CLIENT'S CONTRACTOR.
8. PLUMBING & ELECTRICAL WORKS ARE TO BE DONE BY THE CLIENT'S CONTRACTOR.
9. PLUMBING & ELECTRICAL WORKS ARE TO BE DONE BY THE CLIENT'S CONTRACTOR.

MANAGER (ARCH):- G.M.
CONSTRUCTION AGENCY
U.P. POLICE AWAS NIGAM LTD.

DATE:- DRG. NO.:- AR-11
SCALE:- NORTH:-
DEALT BY:- ARCHITECT:-
PRASHANT KUMAR GUPTA
(S. No. 1552)
PRASHANT KUMAR GUPTA
ARCHITECTURAL CONSULTANT

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
88-2, KANUNGI, KANUNGI, KANUNGI
SHAHED PATH LUCKNOW-226009,
MOBILE-9994433111
swastikaarchitect@gmail.com



TERRACE PLAN

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

अवर अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई-बालाज

इकाई प्रमाणी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई-बालाज

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (UP) 240

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

ELEVATION

NOTES :-

1. ALL DIMENSIONS ARE IN M.M.
2. THE DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO SCALE.
3. THIS Dwg. IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE THE PROCEEDING OF THE WORK.
5. THE ARCHITECT IS NOT RESPONSIBLE FOR THE STRUCTURAL DESIGN AT LATER STAGE OF DEVELOPMENT & TENDER DRAWINGS.
6. ALL THE COLLUMS SIZE SHOWN IN THE DRAWING ARE TO BE AS PER THE STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED BY THE CLIENT.
8. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ELECTRICAL & PLUMBING WORKS AS PER THE CLIENT.
9. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ROOFING WORKS AS PER THE CLIENT.
10. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LANDSCAPING WORKS AS PER THE CLIENT.
11. THE ARCHITECT IS NOT RESPONSIBLE FOR THE FURNITURE WORKS AS PER THE CLIENT.
12. THE ARCHITECT IS NOT RESPONSIBLE FOR THE SIGNAGE WORKS AS PER THE CLIENT.
13. THE ARCHITECT IS NOT RESPONSIBLE FOR THE PAINTING WORKS AS PER THE CLIENT.
14. THE ARCHITECT IS NOT RESPONSIBLE FOR THE MAINTENANCE WORKS AS PER THE CLIENT.
15. THE ARCHITECT IS NOT RESPONSIBLE FOR THE REPAIR WORKS AS PER THE CLIENT.
16. THE ARCHITECT IS NOT RESPONSIBLE FOR THE REPLACEMENT WORKS AS PER THE CLIENT.
17. THE ARCHITECT IS NOT RESPONSIBLE FOR THE UPGRADE WORKS AS PER THE CLIENT.
18. THE ARCHITECT IS NOT RESPONSIBLE FOR THE MODIFICATION WORKS AS PER THE CLIENT.
19. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ADDITION WORKS AS PER THE CLIENT.
20. THE ARCHITECT IS NOT RESPONSIBLE FOR THE REMOVAL WORKS AS PER THE CLIENT.

MANAGER (ARCH) :-

GM :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-12

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

TRAPPHULAK KUMAR GUPTA
(B.Arch. N.E. Plan)

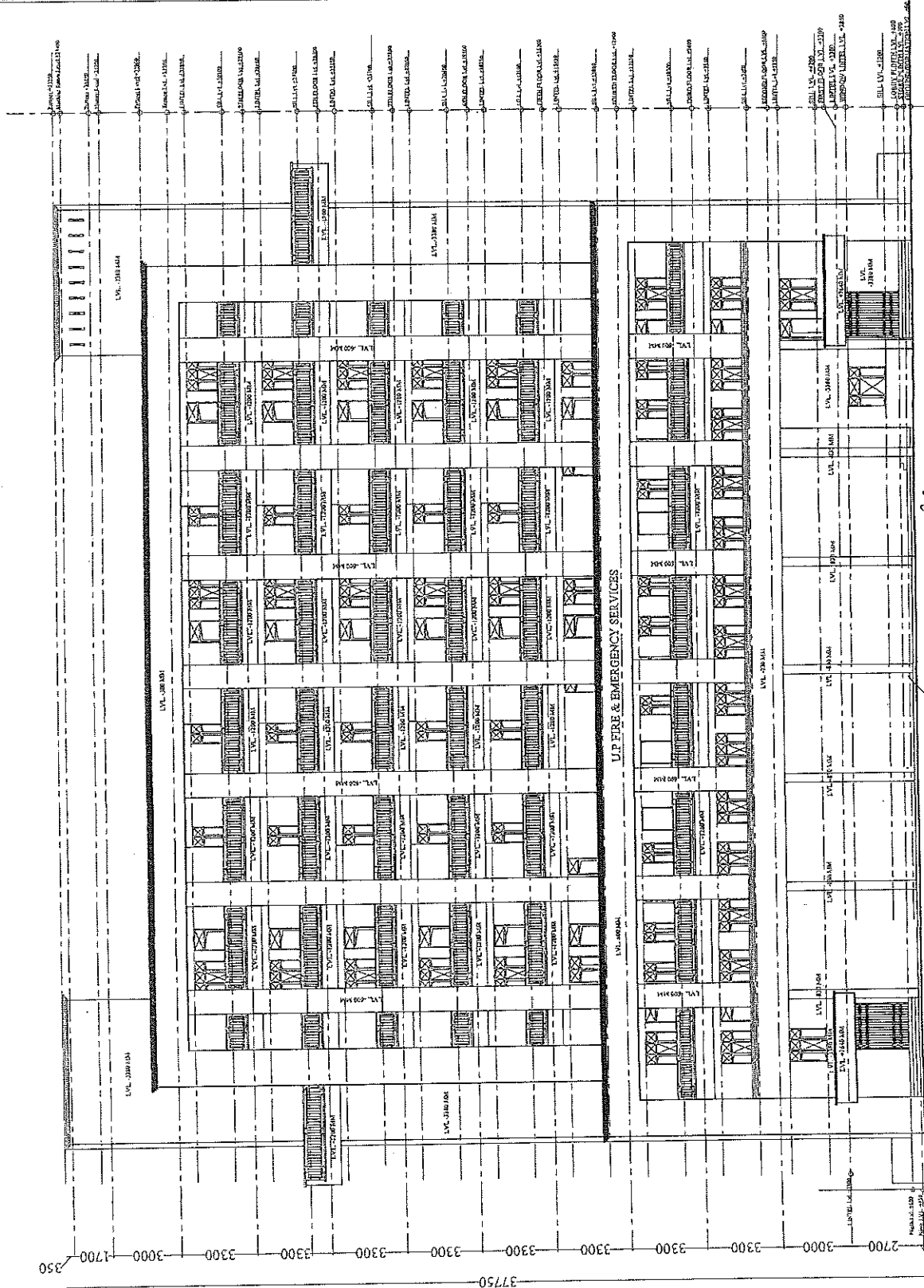
PRANSHU VERMA

CAE/PRANSHU GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2, APT-110 SECTOR-D, SUSANT GOLF CITY
SHANDEE PATH, LUCKNOW-226029
MOBILE: 9795453111
swastikaarchitect@gmail.com

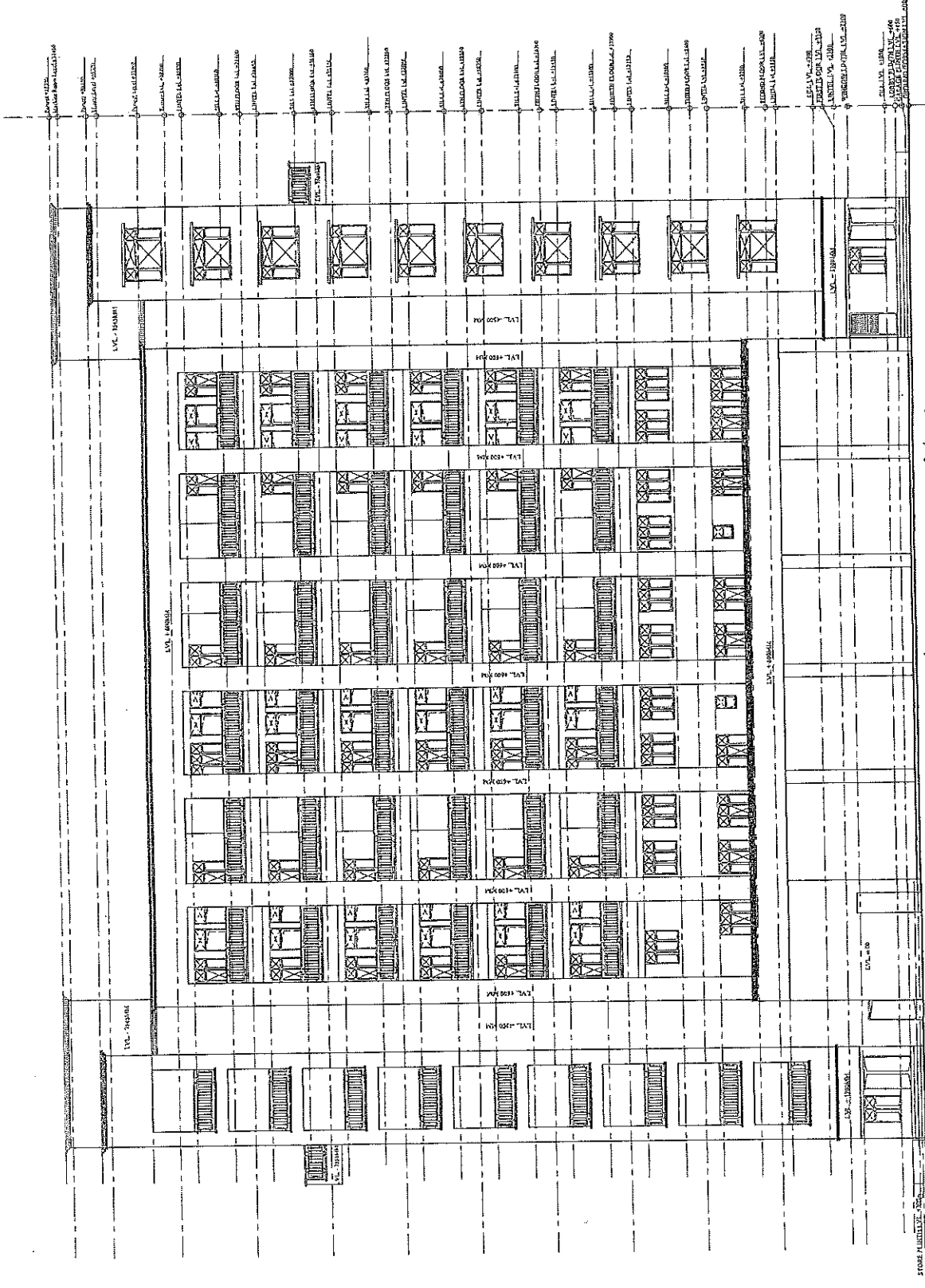


FRONT ELEVATION

सहायक अभियन्ता
उ० प्र० पुलिस अधीनस्थ निगम लि०
निर्माण इकाई नं०
सदर मुख्यालय, लखनऊ

स्वास्तिका प्रभाकृ

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. UNNAO (U.P.) 241	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- REAR ELEVATION	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THIS DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED. 3. THIS DRAWING IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE REPORTED TO THE ARCHITECT IMMEDIATELY. 5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY DIFFER AT LATER STAGE OF FORMALITY & TENDER. 6. DRAWINGS FOR FLOOR, SECTION IN THE DRAWING ARE ONLY INDICATIVE. ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. OTHER ANY REQUIRED DETAIL FOR CONSTRUCTION SHALL BE AS PER THE CLIENT'S REQUIREMENT. 8. NORTH AREA CALCULATION IS BASED ON AS PER IS CODE. 9. ALL DIMENSIONS OF THE BUILDING, AS PER THE CLIENT'S REQUIREMENT, SHALL BE AS PER THE CLIENT'S REQUIREMENT (PDS & EMERGENCY SERVICES DEPARTMENT).	
MANAGER/ARCH :-	QM :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AP-13
SCALE :- NORTH :-	
DEALT BY :- PRAPHUN ANANDMAR GUPTA (B.A. & M. Plan) PHANSUR, CANOOR, 243622 ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2, ACF-110 SECTOR-D, EUSANT GOLF CITY SHAHEED PATH, LUCKNOW-226003, MOBILE-9793433111 swastikaarchitect@gmail.com	



REAR ELEVATION

स्थापक अभियन्ता
 उ. प्र. पुलिस अधीनस्थ निगम लि.
 ए. प्र. पुलिस अधीनस्थ निगम लि.
 ए. प्र. पुलिस अधीनस्थ निगम लि.
 ए. प्र. पुलिस अधीनस्थ निगम लि.

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (U.P.) (242)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

ELEVATIONS

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. THIS DRAWING IS TO BE FOLLOWED, DRAWING NOT BE SCALE.
3. THIS DRG. IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THE DRAWING IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THIS DRAWING IS TO BE USED ONLY FOR THE PROJECT REFERRED AT THE STAGE OF PRELIMINARY & TENDRA DRAWINGS.
6. ALL THE COLUMNS SHOWN IN THE DRAWING ARE TO BE CONSTRUCTED AS PER THE SPECIFICATION WILL BE AS PER THE STRUCTURAL CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE, WILL BE PROVIDED AS PER REQUIREMENT OF THE CLIENT.
8. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING.
9. REQUIREMENT OF THE BUILDING ACT & RULES 1947 SHALL BE FOLLOWED.
10. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-14

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

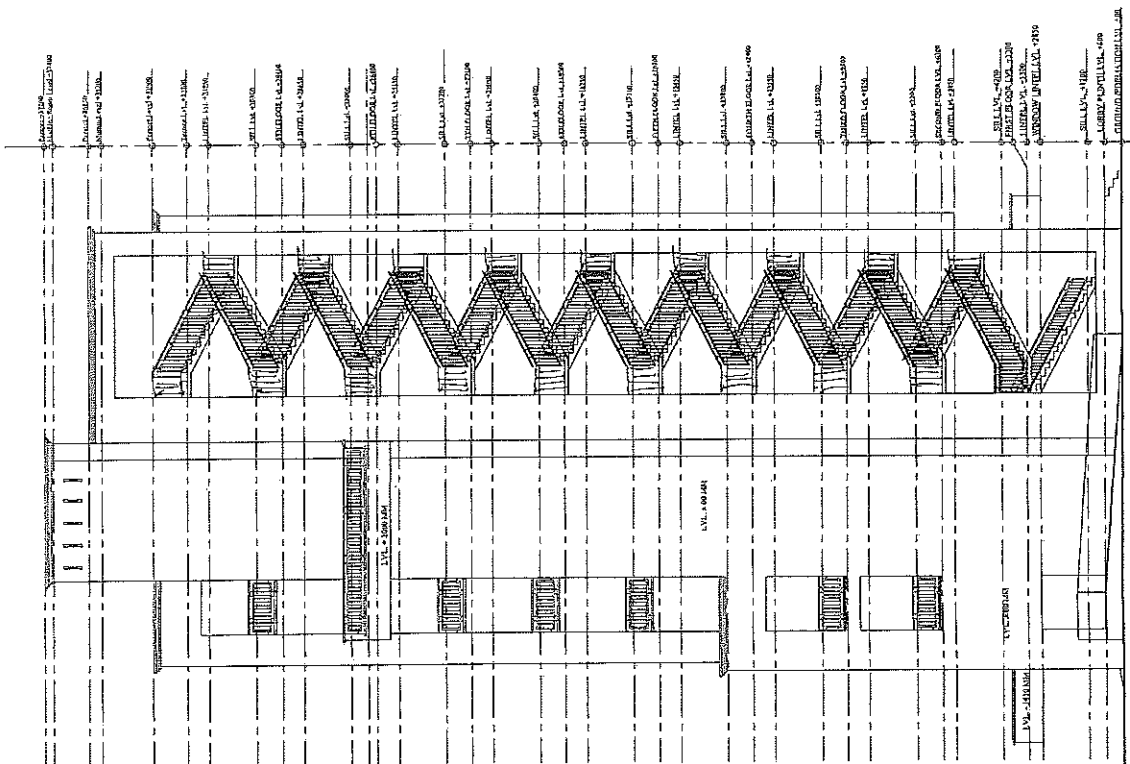
PRAPHULA KUMAR GUPTA
(B. Arch. M. Plan)

FRANSISIO MARGARITA PRAPHULA GUPTA

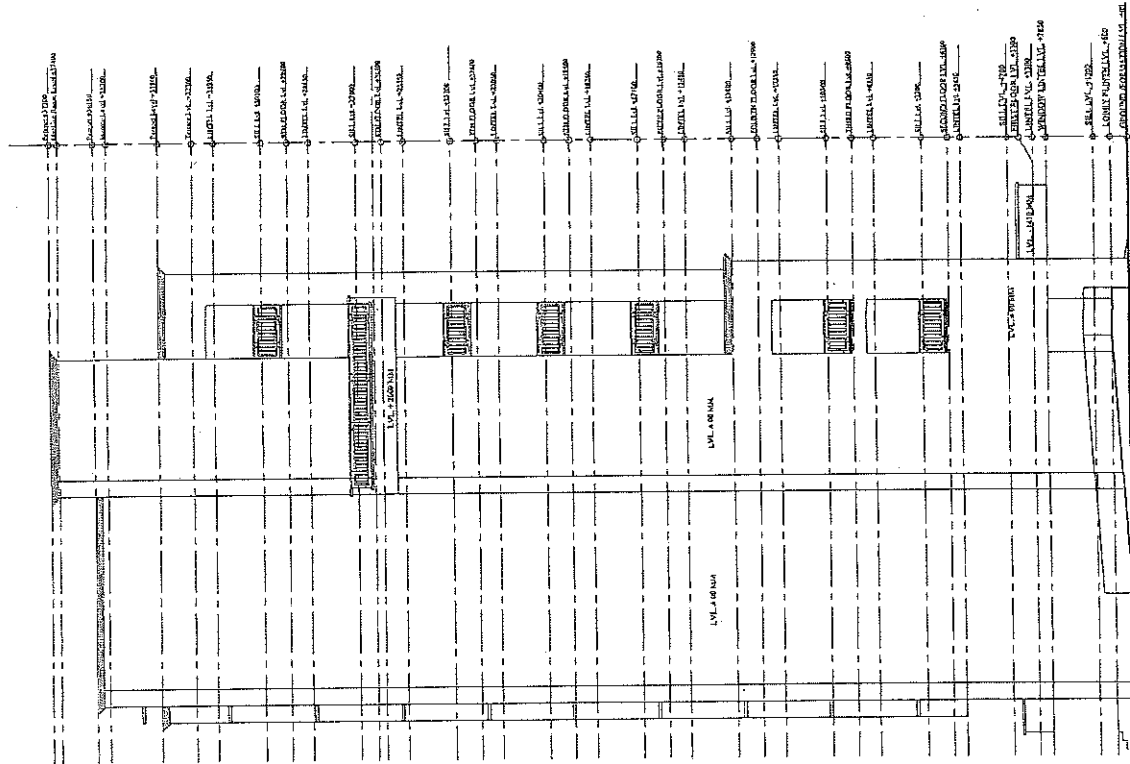
ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
B-2, AGRI-VA SEC-18, KUSHIN, GOLF CITY
SHAHED PATH, LUCKNOW-226029,
MOBILE 979945311
swastikaarchitect@gmail.com



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

उत्तर अधीन
उपरोक्त विवरण सिद्ध है
अभिप्रेत किया जाता है

सहस्रक अधिकारी

उपरोक्त विवरण सिद्ध है

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (U.P.) 343

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DWG. TITLE :-

SECTION AT YY'

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO SCALE.
3. THIS DRAWING IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
4. THE ARCHITECT'S RESPONSIBILITY IS TO BRING TO THE NOTICE OF THE CLIENT BEFORE EXECUTION OF THE WORK, ANY DEFICIENCY OR INADEQUACY IN THE DRAWING, WHICH MAY BE DETECTED AT ANY STAGE OF PRELIMINARY & TENDER.
5. ALL THE COLLARS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER REQUIREMENT OF THE CLIENT.
6. ANY OTHER WORK REQUIRED AS PER REQUIREMENT WILL BE PROVIDED AS PER REQUIREMENT.
7. PLUMB AREA CALCULATION BASED ON AS PER IS CODE.
8. REQUIREMENT OF THE BUILDING AS PER THE CLIENT.
9. REPLACEMENT OF THE BUILDING AS PER THE CLIENT.
10. REPLACEMENT OF THE BUILDING AS PER THE CLIENT.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY
U.P. POLICE AWAS NIGAM LTD.

DATE :-

DWG. NO. :-

AR-15

SCALE :-

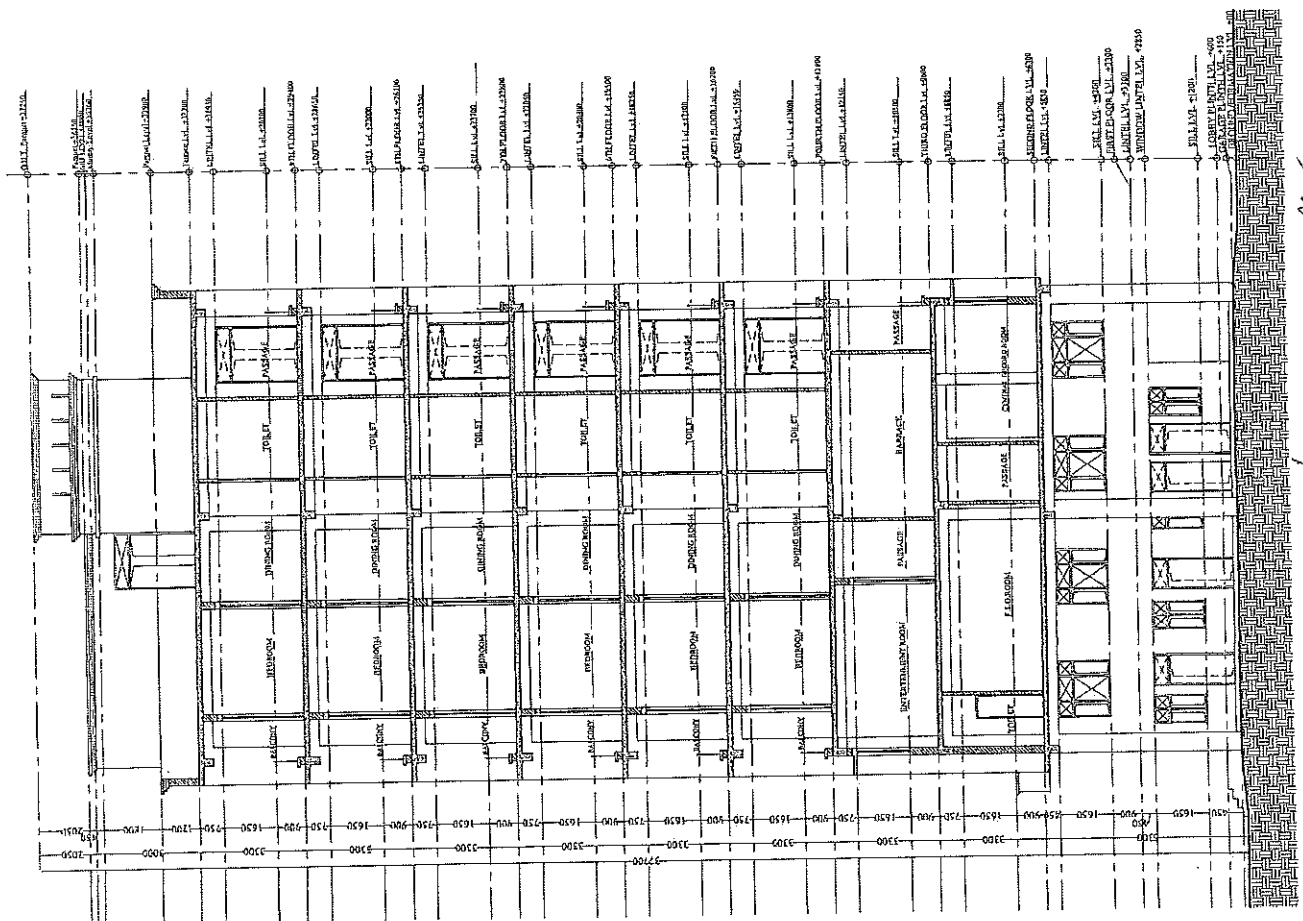
NORTH :-

DEALT BY :-
PRASHANT KUMAR GUPTA
(B.Arch (M. Plan))

FRANSHI 0942243652
CA 200/243652
AK PRASHANT GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGR-110 SECTOR-30 SUSANT GOLF CITY
SHARAD PATH LUCKNOW-226025.
MOB: 982243652
swastikaarchitects@gmail.com



SECTION AT YY'

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

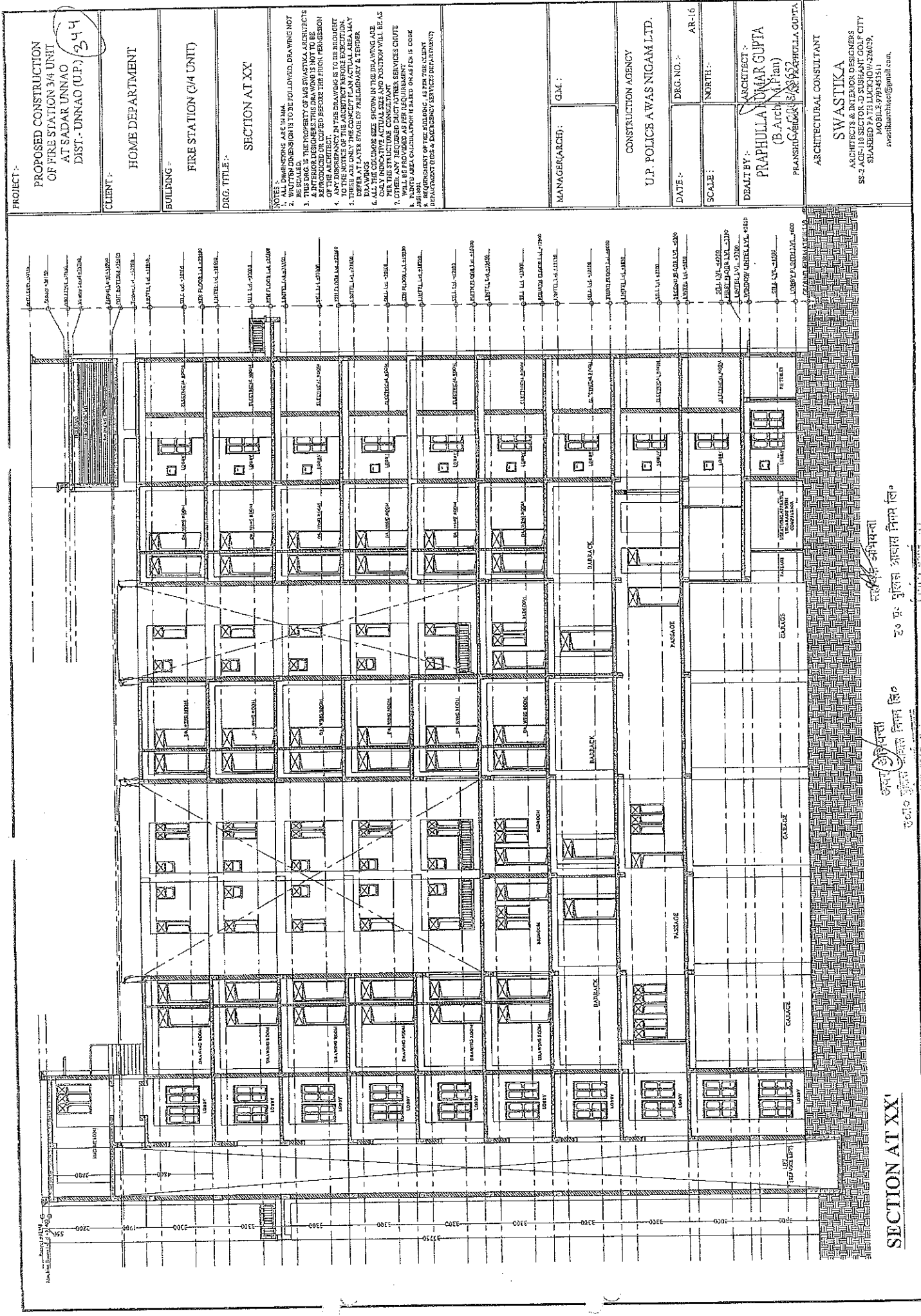
DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA

DR. S. K. GUPTA



PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. - UNNAO (U.P.) 244

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

SECTION AT XX

NOTES :-
1. DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS IN TO BE FOLLOWED. DRAWING NOT TO BE SCALED.
3. THIS DRG. IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE KEPT IN THE OFFICE OF THE ARCHITECT & NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. DIMENSIONS SHOWN IN THE DRAWING ARE ONLY INDICATIVE. ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT'S DRAWINGS.
6. OTHER ANY REQUIRED DETAIL FOR CONSTRUCTION SHALL BE AS PER THE CLIENT'S REQUIREMENT.
7. PLANT AREA CALCULATION IS BASED ON AS PER CODE OF PRACTICE.
8. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CLIENT'S DEPARTMENT BIDDING & EMERGENCY SERVICE DEPARTMENT.

MANAGER (ARCH) :

Q.M. :

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-16

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-
PRAPHULLA ANWAR GUPTA
(B.Arch N.Plan)

PRASHANT GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGT-110 SECTOR-D SUSHANT GOLF CITY
SHAKED PATH LUCKNOW-226029,
MOBILE 999453511
swastikaarchitects@gmail.com

SECTION AT XX

सर्वेक्षण अभियंता

उप. प्र. पुलिस अवसल निगम लि.

अप. अभियंता

उप. प्र. पुलिस अवसल निगम लि.

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST.- UNNAO (U.P.)

CLIENT:-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE:

TOILET DETAILS

[illegible]

MANAGER(ARCH):

MANAGER(ARCH):

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE: _____

Table 1

DRG. 1

SCALES :

1000

DEALT BY:-
ARCHITECT:-

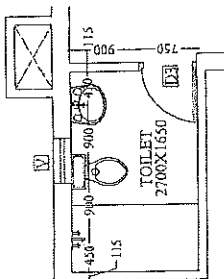
~~PRADEEP KUMAR GUPTA~~
(EAD, 1974)

PRANSHU VERMA
NAREPHULLA GUPTA

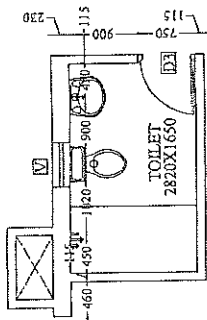
ARCHITECTURAL CONSULTANT

CVXASTTKA

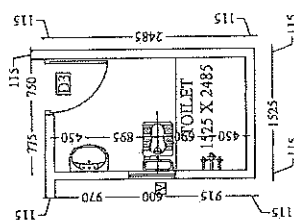
ARCHITECTS & INTERIOR DESIGNERS
ACF-110 SECTOR -D SUSHANT GOLF CITY
SHAHEED PATH LUCKNOW-226029,
MOBILE 9793453511
swastikaonline@yahoo.com,



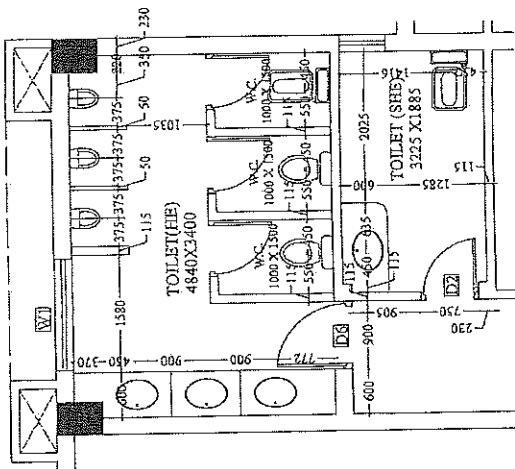
TOILET DETAIL-C



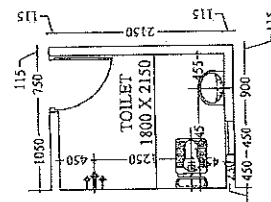
TOILET DETAIL-D



FOULET DETAIL-G

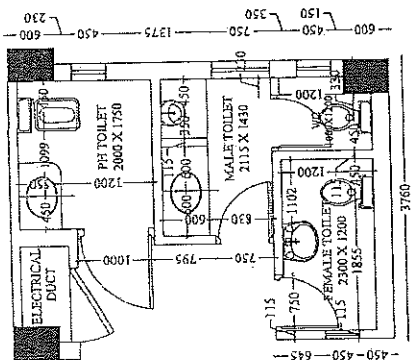


TOILET DETAIL-B

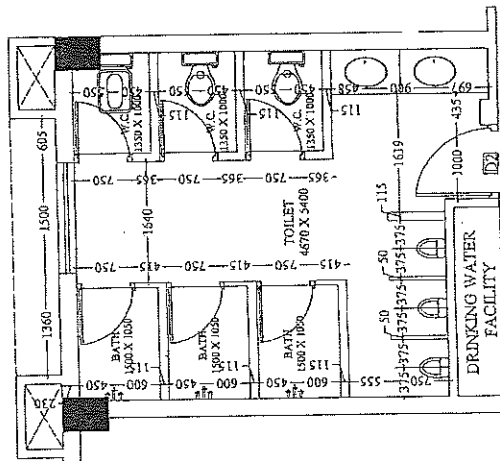


TOILET DETAIL-F

अवर अध्यापिका
पुस्तकालय विभाग
पुस्तकालय विभाग



ROULET DETAIL-A



RONLET DETAIL-E

PROJECT :

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. UNNAO (U.P.) 246

CLIENT :

HOME DEPARTMENT

BUILDING :

FIRE STATION (3/4 UNIT)

DRG. TITLE :

KITCHEN, WASH AREA, STORE
ROOM, PANTRY DINING AREA

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR CONSTRUCTION.
3. THIS DRG. IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THESE ARE ONLY PRELIMINARY DRAWINGS. ANY CHANGES WILL BE MADE AFTER THE STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY FOR REFERENCE. THE FINAL PORTION WILL BE AS PER STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. ALL THE WALLS ARE 230 MM THICK UNLESS OTHERWISE SPECIFIED.
9. REQUIREMENT OF THE BUILDING AS PER THE CLDPP DEPARTMENT (P.W. & DISTRICT) SERVICES DEPARTMENT.

MANAGER (ARCH) :

G.M. :

CONSTRUCTION AGENCY

U.P. POLICE A WAS NIGAM LTD.

DATE :

DRG. NO. :-

AR-18

SCALE :

NORTH :

DEALT BY :

ARCHITECT :

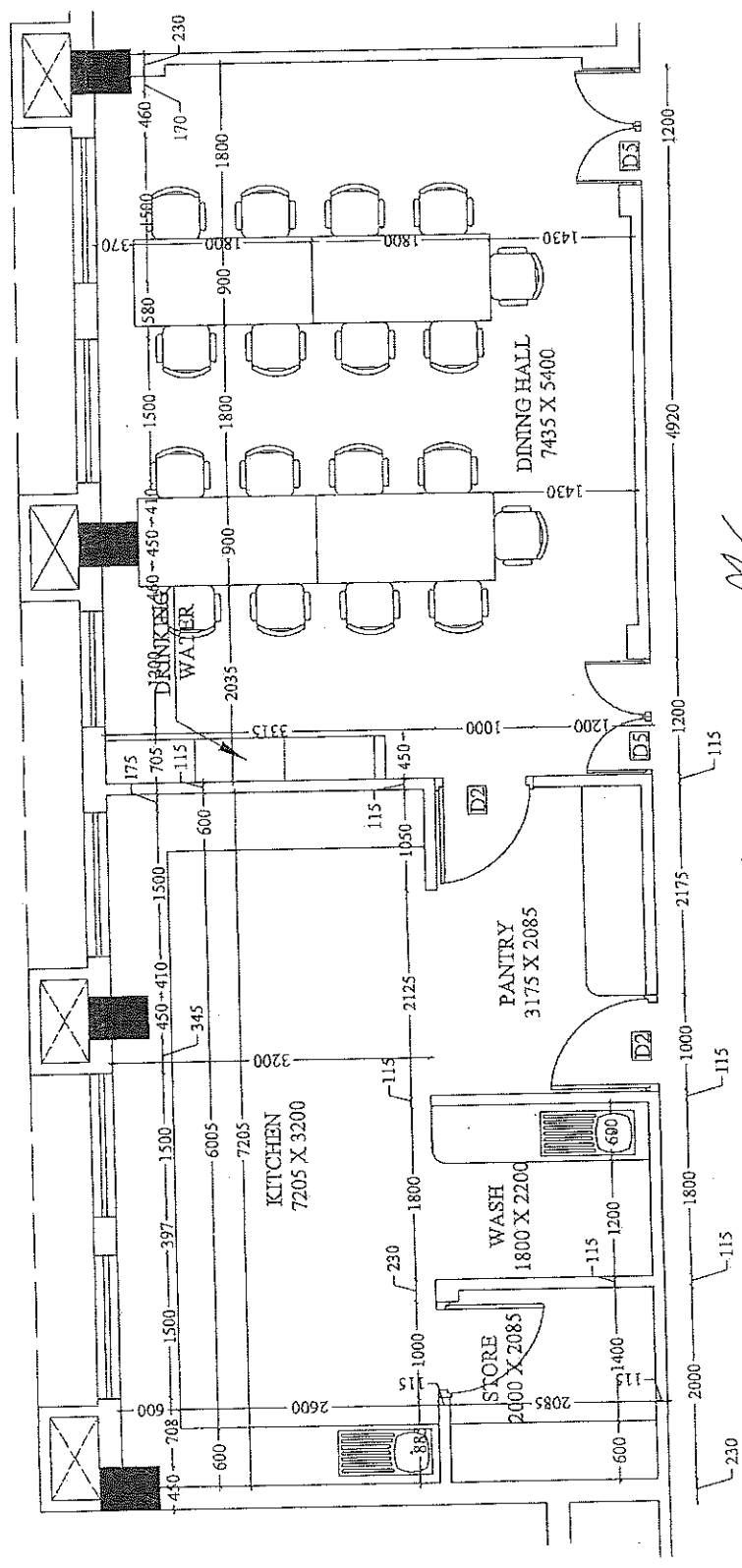
FRANSU VERMA

PR. PRANJULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
85-7 AGF-11 SECTOR-11 GOLF CITY
SHALIBED SAHE LUCKNOW-226009,
MOBILE-9793453111
swastikaarchitect@gmail.com

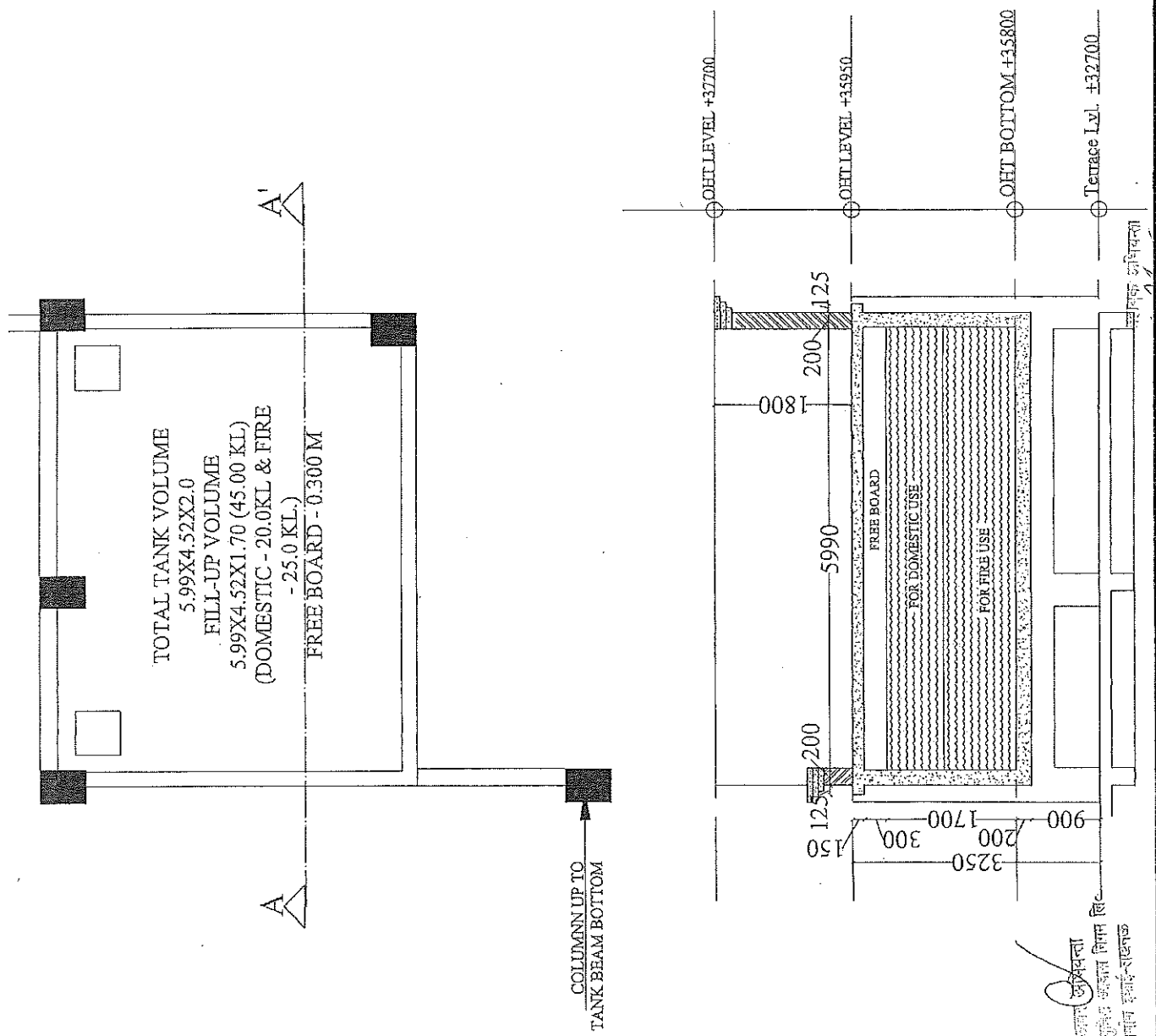


सहायक अभियन्ता
उपर पुलिस अध्याय निगम लि०
निर्माण इकाई 180

उपर अभियन्ता
उपर पुलिस अध्याय निगम लि०
निर्माण इकाई 180

KITCHEN, WASH AREA, STORE ROOM,
PANTRY DINING AREA

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. - UNNAO (U.P.) (347)	CLIENT :- HOME DEPARTMENT	BUILDING :- FIRE STATION (3/4 UNIT)	DRG. TITLE :- O.H.T. DETAIL	NOTE :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE EXCEPTED. 3. THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT. 5. THESE ARE ONLY THE CONCEPT PLANS ACTUAL AREA MAY BE DIFFERENT AT LATER STAGE OF PRELIMINARY & TENDER DRAWING. 6. ALL THE COLLINGS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE ACTUAL CONSTRUCTION. 7. ALL THE DIMENSIONS ARE TO BE PROVIDED AS PER REQUIREMENT. 8. PLUMB AREA CALCULATION IS BASED ON AS PER IN CODE. 9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT. 10. THE DRAWING IS FOR THE ARCHITECT'S OFFICE USE ONLY. 11. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE.	MANAGER (ARCH) :- G.M. :-	CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	DATE :- DRG. NO. :- SCALE :- NORTH :-	DEALT BY :- PRASHU VEDANT PRASHULLA GUPTA (B.Arch, M.Plan) C.A.S. 109/14652 PRASHULLA GUPTA	ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 ACF-110 SECTOR-D SUSHANT GOLF CITY SHARAD PATH LUCKNOW-22602, MOBILE 9799453111 swastikaarchitect@gmail.com
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PROJECT :-

PROPOSED CONSTRUCTION

OF FIRE STATION 3/4 UNIT

AT SADAR UNNAO

DIST. UNNAO (U.P.) 348

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

DOOR / WINDOW SCHEDULE

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. WHEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED.
3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THE ARCHITECT'S SIGNATURE AND SEAL MUST BE AFFIXED AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL THE COLLARS SHOWN IN THE DRAWING ARE TO BE PROVIDED AT THE PORTION WILL BE AS PER THE STRUCTURAL CONSULTANT'S REQUIREMENT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICES CLUTTE WILL BE PROVIDED AS PER REQUIREMENT.
8. THE ARCHITECT'S SIGNATURE AND SEAL MUST BE AFFIXED AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT'S REQUIREMENT SHALL BE FOLLOWED.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

PLANSUB VERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-119 SECTOR-D SUKHANU GOLF CITY

SHANMUKH NAGAR, GATE NO. 26079,

MOBILE 9953535351

swastikaarchitect@gmail.com

<p>D1 1500 X 2550 Third Floor = 03 NOS. Fourth Floor = 03 NOS. Fifth Floor = 03 NOS. Sixth Floor = 03 NOS. Seventh Floor = 03 NOS. Eighth Floor = 03 NOS. Ninth Floor = 03 NOS.</p>	<p>D2 1000 X 2550 Ground Floor = 04 NOS. First Floor = 01 NOS. Second Floor = 12 NOS. Third Floor = 06 NOS. Fourth Floor = 09 NOS. Fifth Floor = 09 NOS. Sixth Floor = 06 NOS. Seventh Floor = 06 NOS. Eighth Floor = 06 NOS. Ninth Floor = 06 NOS.</p>	<p>D3 750 X 2100 Ground Floor = 03 NOS. First Floor = 06 NOS. Second Floor = 06 NOS. Third Floor = 09 NOS. Fourth Floor = 06 NOS. Fifth Floor = 06 NOS. Sixth Floor = 06 NOS. Seventh Floor = 06 NOS. Eighth Floor = 06 NOS. Ninth Floor = 06 NOS.</p>	<p>D4 1500 X 2550 Second Floor = 02 NOS.</p>	<p>D5 1200 X 2550 Third Floor = 04 NOS.</p>	<p>D6 900 X 2550 Fourth Floor = 01 NOS. Fifth Floor = 01 NOS.</p>	<p>D7 1500 X 2100 Ground Floor = 02 NOS.</p>	<p>W1 1500 X 1650 First Floor = 03 NOS. Second Floor = 03 NOS. Third Floor = 03 NOS. Fourth Floor = 03 NOS. Fifth Floor = 03 NOS. Sixth Floor = 03 NOS. Seventh Floor = 03 NOS. Eighth Floor = 03 NOS. Ninth Floor = 03 NOS.</p>	<p>W2 1200 X 1650 Ground Floor = 01 NOS. Second Floor = 01 NOS. Third Floor = 01 NOS. Fourth Floor = 01 NOS. Fifth Floor = 01 NOS. Sixth Floor = 01 NOS. Seventh Floor = 01 NOS. Eighth Floor = 01 NOS. Ninth Floor = 01 NOS.</p>	<p>W3 900 X 1650 Ground Floor = 04 NOS. Third Floor = 12 NOS.</p>	<p>W4 750 X 1650 Ground Floor = 01 NOS. First Floor = 06 NOS. Second Floor = 06 NOS. Third Floor = 06 NOS. Fourth Floor = 06 NOS. Fifth Floor = 06 NOS. Sixth Floor = 06 NOS. Seventh Floor = 06 NOS. Eighth Floor = 06 NOS. Ninth Floor = 06 NOS.</p>	<p>W5 650 X 1650 Fourth Floor = 02 NOS. Fifth Floor = 02 NOS. Sixth Floor = 02 NOS. Seventh Floor = 02 NOS. Eighth Floor = 02 NOS. Ninth Floor = 02 NOS.</p>	<p>W6 800 X 1650 Fourth Floor = 01 NOS. Fifth Floor = 01 NOS. Sixth Floor = 01 NOS. Seventh Floor = 01 NOS. Eighth Floor = 01 NOS. Ninth Floor = 01 NOS.</p>	<p>W7 1800 X 1650 Second Floor = 01 NOS. Third Floor = 03 NOS.</p>	<p>W8 600 X 900 Ground Floor = 01 NOS. Second Floor = 03 NOS. Fourth Floor = 09 NOS. Fifth Floor = 09 NOS. Sixth Floor = 09 NOS. Seventh Floor = 09 NOS. Eighth Floor = 09 NOS. Ninth Floor = 09 NOS.</p>	<p>W9 1200 X 1650 Ground Floor = 03 NOS.</p>	<p>W10 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W11 2400 X 1650 First Floor = 01 NOS. Second Floor = 01 NOS. Third Floor = 01 NOS. Fourth Floor = 01 NOS. Fifth Floor = 01 NOS. Sixth Floor = 01 NOS. Seventh Floor = 01 NOS. Eighth Floor = 01 NOS. Ninth Floor = 01 NOS.</p>	<p>W12 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W13 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W14 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W15 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W16 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W17 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W18 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W19 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W20 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W21 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W22 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W23 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W24 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W25 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W26 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W27 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W28 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W29 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W30 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W31 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W32 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W33 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W34 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W35 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W36 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W37 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W38 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W39 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W40 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W41 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W42 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W43 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W44 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W45 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W46 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W47 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W48 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W49 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W50 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W51 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W52 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W53 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W54 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W55 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W56 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W57 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W58 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W59 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W60 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W61 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W62 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W63 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W64 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W65 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W66 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W67 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W68 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W69 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W70 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W71 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W72 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W73 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W74 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W75 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W76 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W77 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W78 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W79 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W80 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W81 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W82 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W83 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W84 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W85 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W86 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W87 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W88 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W89 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W90 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W91 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W92 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W93 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W94 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W95 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W96 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W97 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W98 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W99 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W100 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W101 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W102 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W103 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W104 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W105 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W106 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W107 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W108 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W109 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W110 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W111 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W112 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W113 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W114 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W115 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W116 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W117 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W118 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W119 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W120 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W121 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W122 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>	<p>W123 1800 X 1650 Ground Floor = 01 NOS. First Floor = 01 NOS.</p>
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PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

FIRE STAIRCASE DETAIL

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. THE DRAWING IS TO BE FOLLOWED DRAWING NOT TO SCALE.
3. THE DRG. IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FLOOR PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BRACED BY THE ARCHITECT'S OFFICE.
5. THE DRAWING IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FLOOR PERMISSION OF THE ARCHITECT.
6. THE DRAWING IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FLOOR PERMISSION OF THE ARCHITECT.
7. OTHER ANY REQUIRED DETAIL TO BE PROVIDED BY THE ARCHITECT'S OFFICE.
8. PLUMBING CALCULATION IS BASED ON AS PER IS CODE.
9. THE DRAWING IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FLOOR PERMISSION OF THE ARCHITECT.
10. THE DRAWING IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FLOOR PERMISSION OF THE ARCHITECT.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AK-21

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

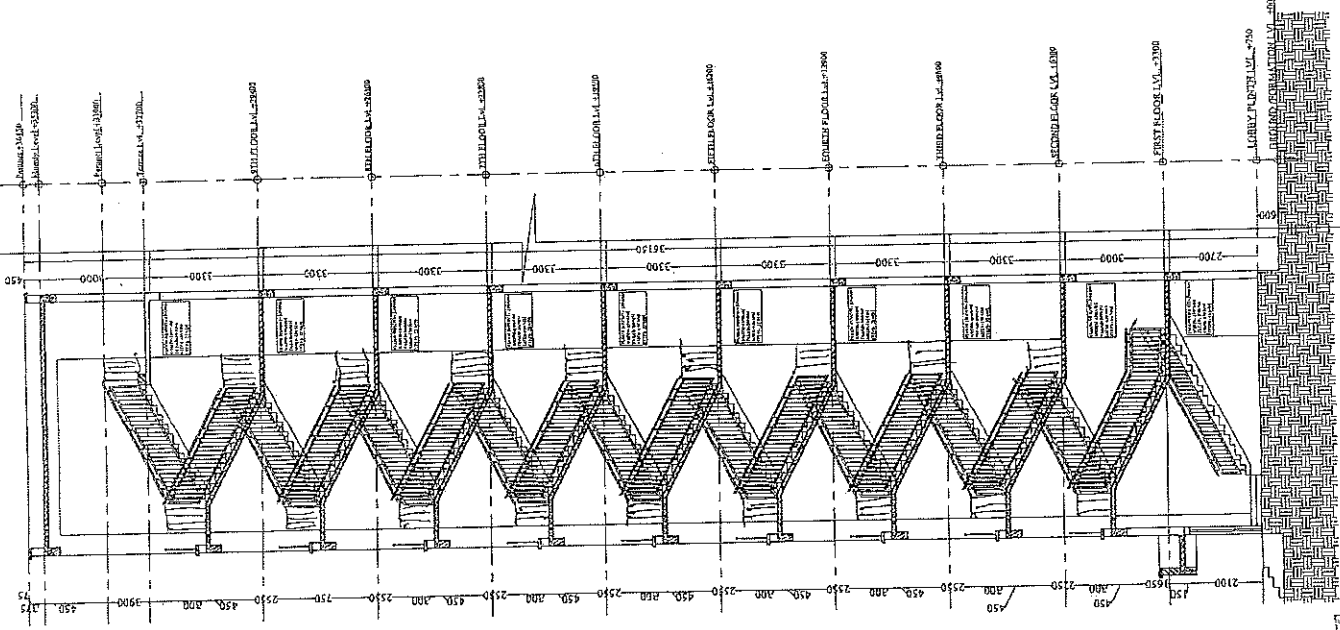
PRAPHULLA KUNAR GUPTA
(B.A. & M.A. in Archt.)

FRANSHU VERMA (B.A. & M.A. in Archt.)

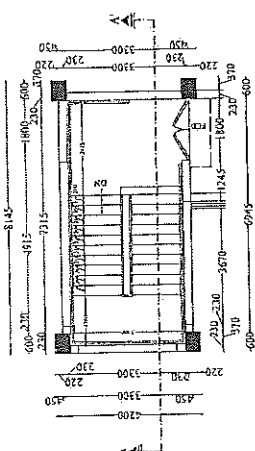
ARCHITECTURAL CONSULTANT

SWASTIKA

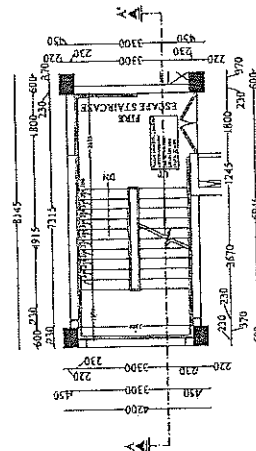
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY
SHALIBED PATH LUCKNOW-226029,
140815E-979345311
swastikaarchitect@gmail.com



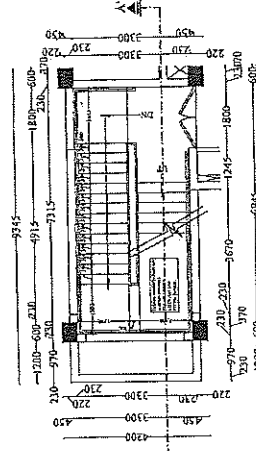
SECTION AT A-A



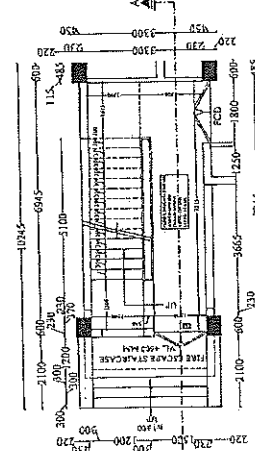
TERRACE FLOOR PLAN



TYPICAL FLOOR PLAN
SECOND & NINTH FLOOR



FIRST FLOOR PLAN



GROUND FLOOR PLAN

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

NOT TO SCALE
FOR REFERENCE ONLY

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST.- UNNAO (U.P.) 25

CLIENT :

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

FIRE STAIRCASE DETAIL

- NOTES
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED DRAWING NOT THIS.
3. THIS DC. IS THE PROPERTY OF GSE SVASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PROJ. PERMISSION.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE RESOLVED TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL THE COLUMNS SUB. DRAWING IN THE DRAWING ARE TO BE CONSIDERED AS PER THE STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED FACT OR DATA SERVICE CHITRE SHALL BE PROVIDED BY THE CLIENT.
8. PLANT, SANITARY, CULINARY ITEMS SHOWN ON PLAN IS COSE TO BE PROVIDED BY THE BUILDING AS PER THE CLIENT REQUIREMENT (PRICE & EMERGENCY SERVICES REFERENCE)

MANAGER(ARCIF) :

G.M.:

CONSTRUCTION AGENCY

TIP POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-2

SCALE:

NORTH:-

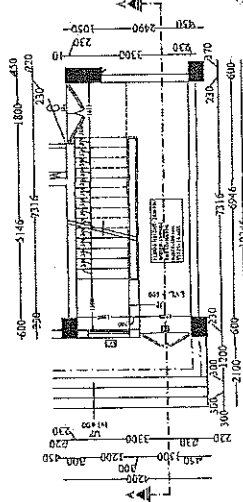
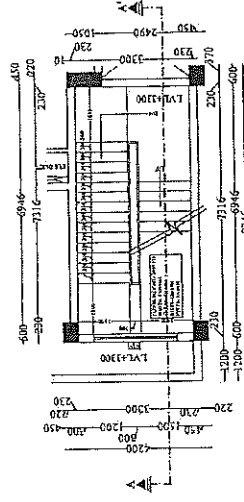
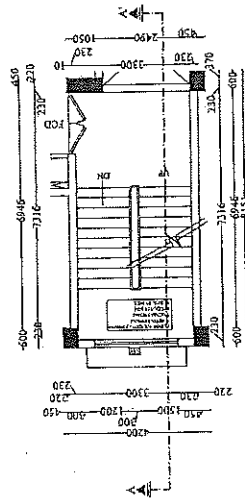
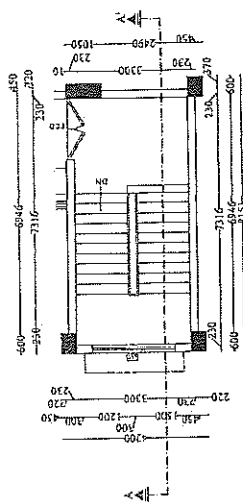
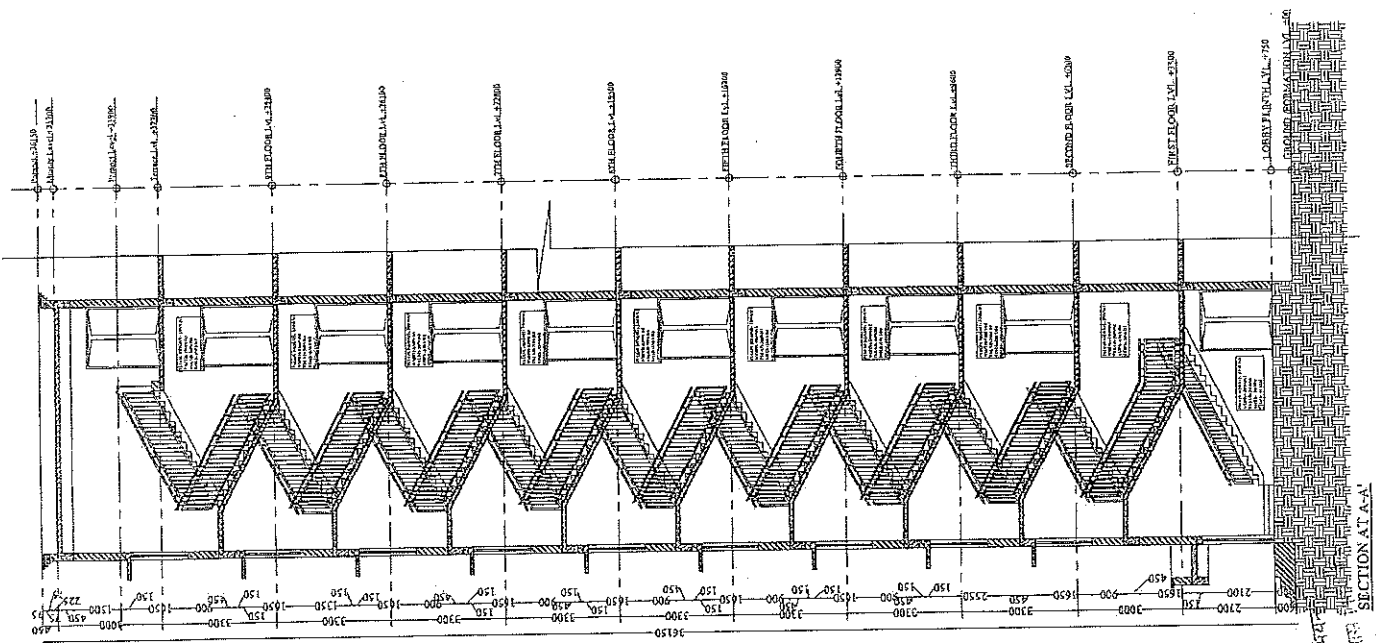
LT BY: ARCHITECT: *W. B. GUTH*
PRAFULLA

PRANSHU AGARMA
ARPKAPHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGR-110 SECTOR-D SUSHANT GOLF CITY
SHYAMLEED PATH LUCKNOW-226029,
INDIA
MOBILE: 9993453511
swastikarchitects@gmail.com,



PROJECT :

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT SADAR UNNAO
DIST. - UNNAO (U.P.) 851

CLIENT :

HOME DEPARTMENT

BUILDING :

FIRE STATION (3/4 UNIT)

DWG. TITLE :

RAILING DETAIL

NOTE :
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED.
3. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THE DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
4. ANY CHANGES IN THE DRAWING IS TO BE REQUESTED TO THE ARCHITECT BEFORE THE COMMENCEMENT OF THE WORK.
5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWING.
6. ALL THE COLLARS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE REQUIREMENT OF THE ARCHITECT.
7. ALL THE MATERIALS TO BE USED SHALL BE AS PER THE REQUIREMENT OF THE ARCHITECT.
8. PLANT AREA CALCULATION IS BASED ON AREA IN CURB.
9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT.
10. DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT)

MANAGER (ARCH) :

C.M. :

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :

DRG. NO. :

SCALE :

NORTH :

DEALT BY :

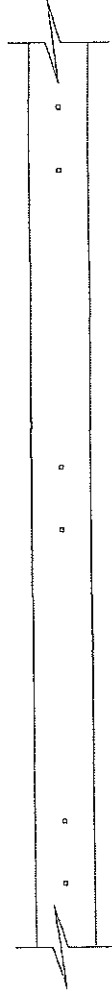
ARCHITECT :
PRAPHUN KUMAR GUPTA
(B Arch. V Plan)

PLANNED VERG. : 1000 X 1000

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY
SHAHED PATH (DICKSON-2802),
MOBILE: 979343311
swastikaarchitect@gmail.com

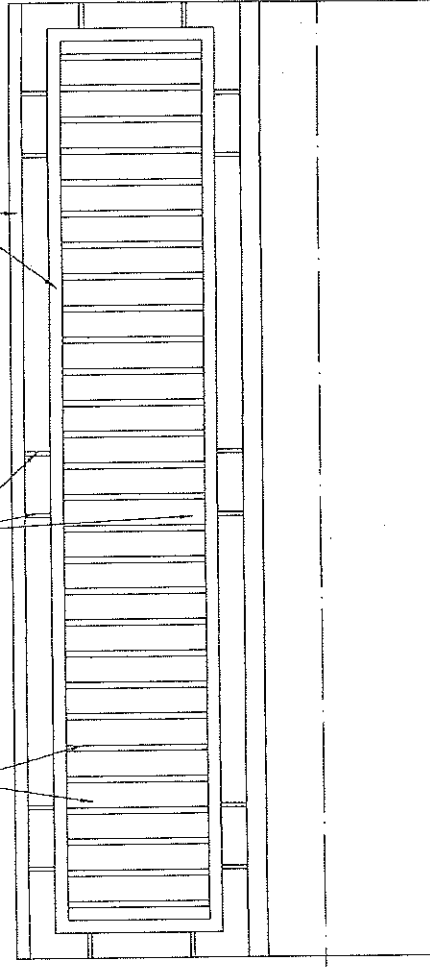


PLAN

50MM DIAM.S. HOLLOW
PIPE @4.08 KG/CM

16X16 MM. M.S BAR
@2.099 KG/CM

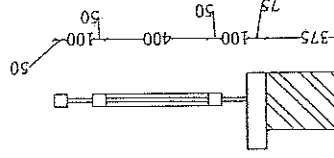
25X25 MM. M.S BAR
@1.74 KG/CM



ELEVATION

SECTION

FLOOR LVL



उत्तर अभियंता
सहायक अभियंता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

उत्तर अभियंता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई-राजपूत

RAILING DETAIL

PROJECT
PROPOSED CONSTRUCTION OF FIRE STATION
344 UNITS AT GANDHINAGAR, DISTT. - UNNAO,
UTTAR PRADESH

BUILDING -
FIRE STATION

Notes:-

1. All dimensions are in mm unless otherwise specified.
2. All dimensions are to be taken to the center line of the wall or column.
3. All dimensions are to be taken to the center line of the beam.
4. All dimensions are to be taken to the center line of the slab.
5. All dimensions are to be taken to the center line of the staircase.
6. All dimensions are to be taken to the center line of the roof.
7. All dimensions are to be taken to the center line of the foundation.
8. All dimensions are to be taken to the center line of the pile.
9. All dimensions are to be taken to the center line of the pile cap.
10. All dimensions are to be taken to the center line of the pile shaft.
11. All dimensions are to be taken to the center line of the pile head.
12. All dimensions are to be taken to the center line of the pile base.
13. All dimensions are to be taken to the center line of the pile top.
14. All dimensions are to be taken to the center line of the pile bottom.
15. All dimensions are to be taken to the center line of the pile side.
16. All dimensions are to be taken to the center line of the pile end.
17. All dimensions are to be taken to the center line of the pile joint.
18. All dimensions are to be taken to the center line of the pile connection.
19. All dimensions are to be taken to the center line of the pile support.
20. All dimensions are to be taken to the center line of the pile foundation.

[Foundation]

[Columns]

[Beams]

[Slabs]

[Staircase]

[Roof]

[Foundation]

[Columns]

[Beams]

[Slabs]

[Staircase]

[Roof]

[Foundation]

[Columns]

[Beams]

[Slabs]

[Staircase]

[Roof]

[Foundation]

[Columns]

[Beams]

[Slabs]

[Staircase]

[Roof]

[Foundation]

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[Beams]

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[Staircase]

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[Beams]

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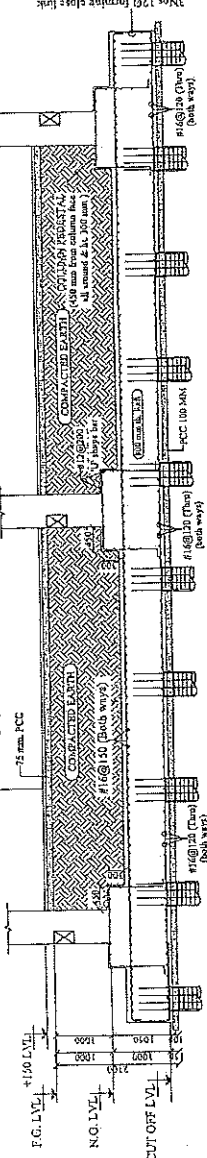
[Staircase]

[Roof]

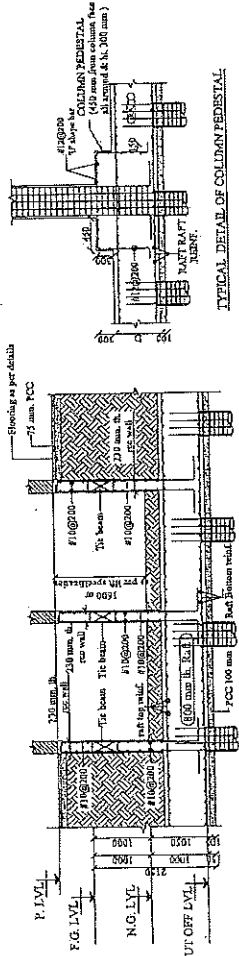
[Foundation]

[Columns]

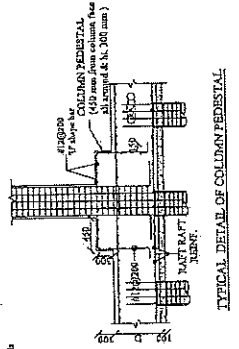
[Beams]



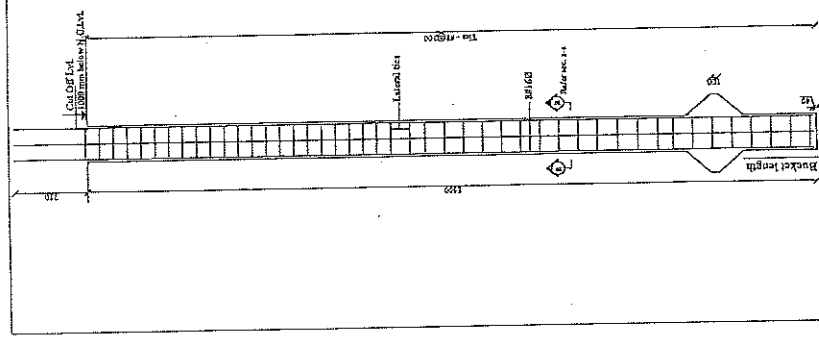
DETAIL OF RAFT AT SEC. R1-R1



DETAIL SEC. OF RAFT AT L1-L1



TYPICAL DETAIL OF COLD-CHAMBER PEDESTAL



DETAILS OF PILE P1 (4500), 800 mm LONG, SINGLE UNDESIGNED CAST IN SITU PILE (C1)

(SAFE LOAD = 42.0 Ton)

(SAFE LOAD = 42.0 Ton)

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(SAFE LOAD = 42.0 Ton)

इकाई प्रभारी
श्री. प्र. गुप्ता
निर्माण इकाई, लखनऊ

श्री. प्र. गुप्ता
निर्माण इकाई, लखनऊ

NOTE - INITIAL LOAD TESTING OF PILES
SHALL BE DONE AS PER IS 2911-PART-IV
1979 TO ASCERTAIN THE SAFE LOAD
CARRYING CAPACITY OF PILES AS GIVEN
BEFORE EXECUTION OF PILE WORK AT SITE.

CONSTRUCTION AGENCY:
U.P. POLICE AWAS NIGAM LTD.

ARCHITECT
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGP-110 SECTOR-D SUSHANT GOLF CITY
SHARAD PATH LUCKNOW-226009
MOBILE 9793453511
swastikaarchitect@gmail.com

Drawn By	Ramesh
Checked By	Dr. P. P. V. V.
Client	Dr. P. P. V. V.
Date	Feb. 2025
Scale	N.T.S.
Sheet No.	ST-02
Project Name	CONSTRUCTION OF FIRE STATION

STRUCTURAL CONSULTANTS:
M.A. TRIX STRUCTURES
(STRUCTURAL ENGINEERS CONSULTANT)
U-13, Vardaan Khadd, Ganga Nagar, Lucknow, Uttar Pradesh - 226010
Ph. - 0522708112, 0522708113, email: matrixstructures@gmail.com
web site: www.matrixstructures.com

२०२० मुक्ति आवास निगम लि.
निर्माण इकाई, वाडकटडी

TYPICAL SECTIONAL DETAILS OF SLAB

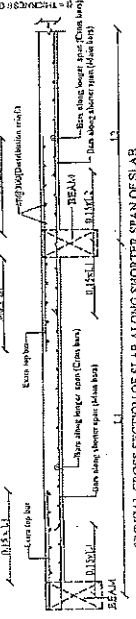


Table-4, Details of slab reinforcement

Slab Depth (mm)	Parallel to Shorter Span (Main bars)		Parallel to Longer Span (Cross bars)	
	At Bottom face (Mid Span)	At Top face (Extra bars at support)	At Bottom face (Mid Span)	At Top face (Extra bars at support)
1. S1 125	#8@200c/c	#8@200c/c	#8@200c/c	#8@200c/c
2. S2 125	#8@150c/c	#8@150c/c	#8@200c/c	#8@200c/c
3. S3 125	#8@150c/c	#8@150c/c	#8@150c/c	#8@150c/c
4. S4 125	#8@150c/c	#8@150c/c	#8@150c/c	#8@150c/c
5. S5 125	#8@150c/c	#8@150c/c	#8@150c/c	#8@150c/c
6. S6 150	#10@100c/c	#10@100c/c	#10@150c/c	#10@150c/c
7. S7 150	#10@100c/c	#10@100c/c	#10@150c/c	#10@150c/c
8. S8 150	#10@125c/c	#10@125c/c	#10@150c/c	#10@150c/c

Note - for reinforcement in cantilever balcony/ projections refer by detail of slab projection

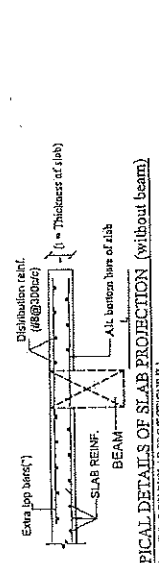
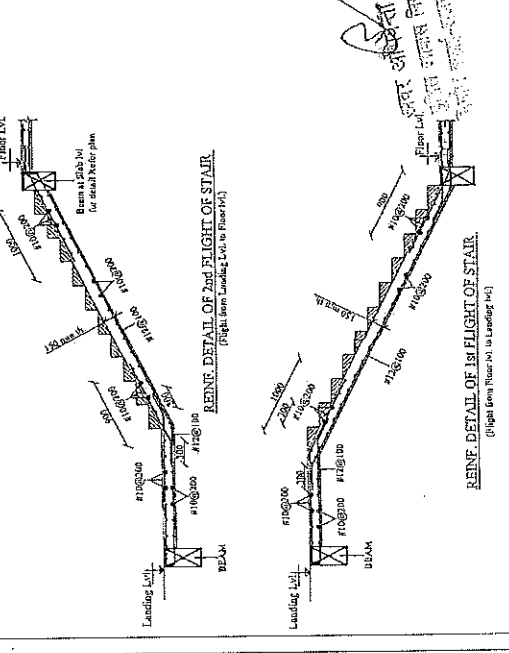


Table-4, Details of slab reinforcement

NOTE - IF BALCONY/SLAB PROJECTIONS [L]
(1) - If Balcony/Slab projection [L] = 600 - 750 mm, then top bars (#) #100 Bars @ 150 c/c
(2) - If Balcony/Slab projection [L] = 900 - 1050 mm, then top bars (#) #100 Bars @ 125 c/c
(3) - If Balcony/Slab projection [L] = 1051 - 1250 mm, then top bars (#) #100 Bars @ 100 c/c

DETAIL OF STAIR FOR SECOND AND ABOVE FLOOR



DETAILS OF LINTELS

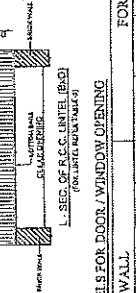


Table-4, Detail of lintels for door/window opening

FOR 210 TH WALL		FOR 115 TH WALL	
DOOR OPENING (mm)	Lintel Reinforcement	DOOR OPENING (mm)	Lintel Reinforcement
1. 1250x2000	#8@150c/c	1. 1250x2000	#8@150c/c
2. 1500x2000	#8@150c/c	2. 1500x2000	#8@150c/c
3. 1800x2000	#8@150c/c	3. 1800x2000	#8@150c/c
4. 2100x2000	#8@150c/c	4. 2100x2000	#8@150c/c

Note - for reinforcement in cantilever balcony/ projections refer by detail of slab projection

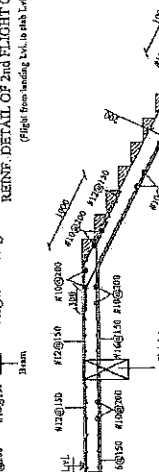
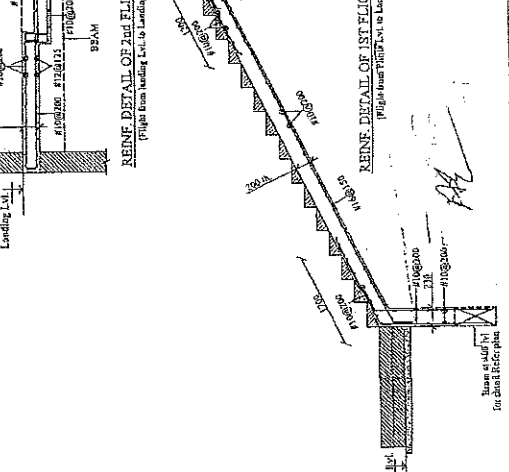


Table-4, Detail of lintels for door/window opening

NOTE - IF BALCONY/SLAB PROJECTIONS [L]
(1) - If Balcony/Slab projection [L] = 600 - 750 mm, then top bars (#) #100 Bars @ 150 c/c
(2) - If Balcony/Slab projection [L] = 900 - 1050 mm, then top bars (#) #100 Bars @ 125 c/c
(3) - If Balcony/Slab projection [L] = 1051 - 1250 mm, then top bars (#) #100 Bars @ 100 c/c

DETAIL OF STAIR FOR SECOND AND ABOVE FLOOR



PROPOSED CONSTRUCTION OF FIRE STATION (3A UNITS) AT GANDHINAGAR, DISTT - UNNAO, UTTAR PRADESH

PROJECT

PROPOSED CONSTRUCTION OF FIRE STATION (3A UNITS) AT GANDHINAGAR, DISTT - UNNAO, UTTAR PRADESH

BUILDING -

FIRE STATION

Notes -

(General)

1. All dimensions are in mm, unless otherwise specified.

2. All reinforcement is to be provided in concrete.

3. All reinforcement is to be provided in concrete.

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CONSTRUCTION AGENCY:

U.P. POLICE AWAS NIGAM LTD.

ARCHITECT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

SS-2, 1ST FLOOR, 1ST CROSSING, GANDHINAGAR, UNNAO, UTTAR PRADESH

MOBILE: 9754531111

swastikaarchitect@gmail.com

Drawn By: Himanshu

Checked: Dr. Pradyumn

Design: Dr. Pradyumn

Date: Feb. 2018

Scale: A1:1

Sheet No: ST-06

Structural Consultants: MATRIX STRUCTURES (STRUCTURAL ENGINEERS CONSULTANT)

1075, Vignesh Choudhary, Lucknow, Uttar Pradesh, 226019

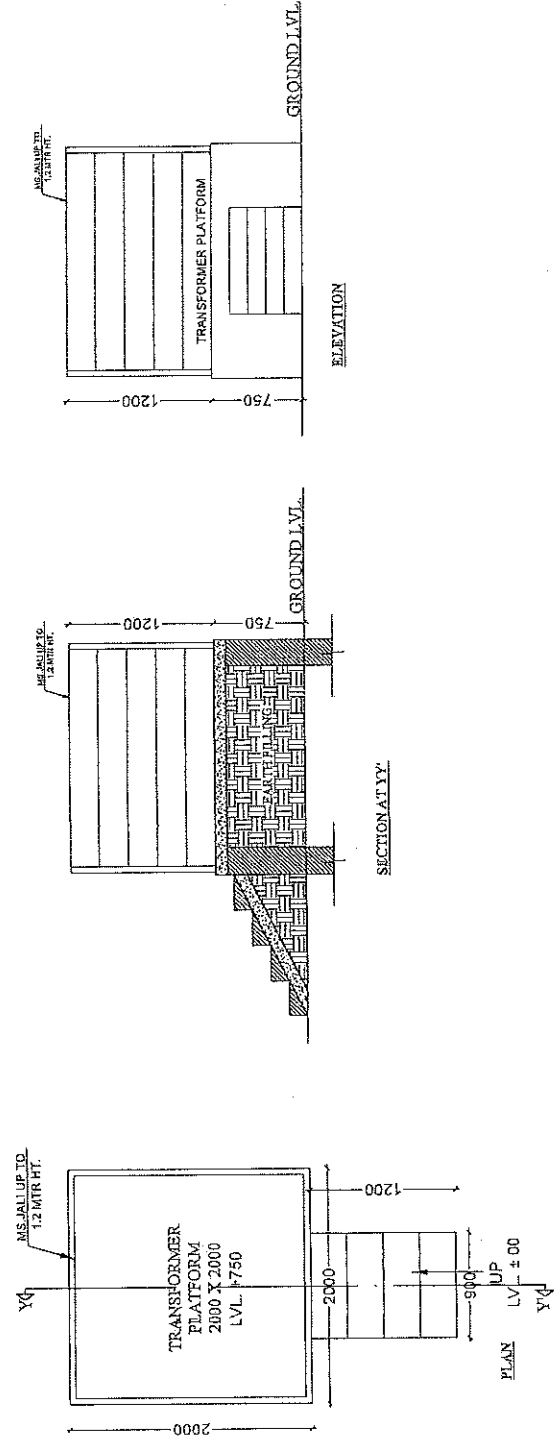
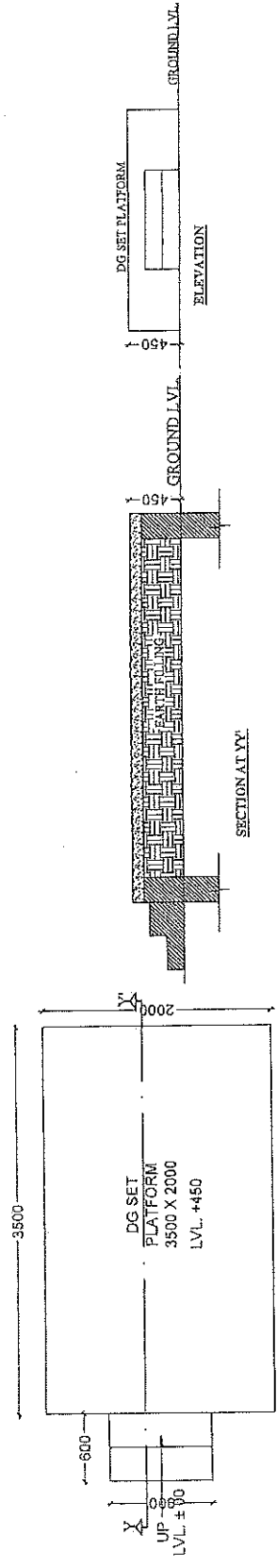
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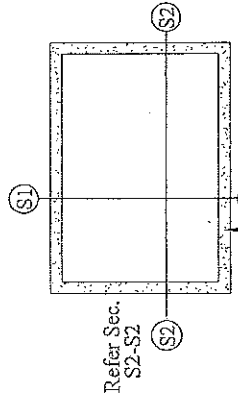
जवाब मुद्रांकन लि०
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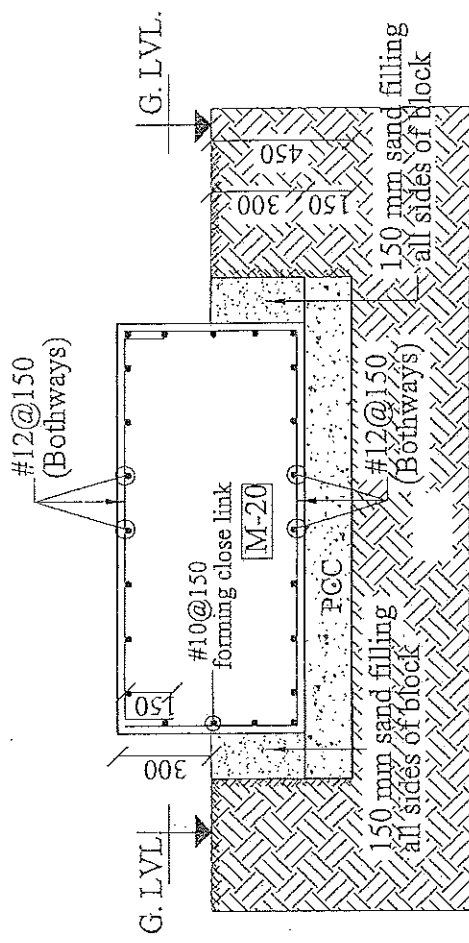
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- WORKING DRAWING DETAIL (DG SET & TRANSFORMER PLATFORM)	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PERMISSION OF THE ARCHITECT. 3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT IMMEDIATELY. 4. THE WORK IS TO BE COMPLETED WITHIN THE STATED TIME FRAME. 5. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE WORK. 6. THE ARCHITECT IS NOT RESPONSIBLE FOR THE MATERIALS USED IN THE WORK. 7. OTHER ANY REQUIRED DUCT OTHER SERVICES (WATER, GAS, ELECTRICITY, ETC.) ARE TO BE PROVIDED BY THE CLIENT. 8. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE WORK. 9. THE ARCHITECT IS NOT RESPONSIBLE FOR THE MATERIALS USED IN THE WORK. 10. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE WORK.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-25
SCALE :-	NORTH :-
DEALT BY :- PRAFUL KUMAR GUPTA (B.Arch, M.Plan) PRASHANT GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-7 APT-111 SECTOR-30 GURGAON-1220029 MOB: 9990311111 swastikaarch@gmail.com	



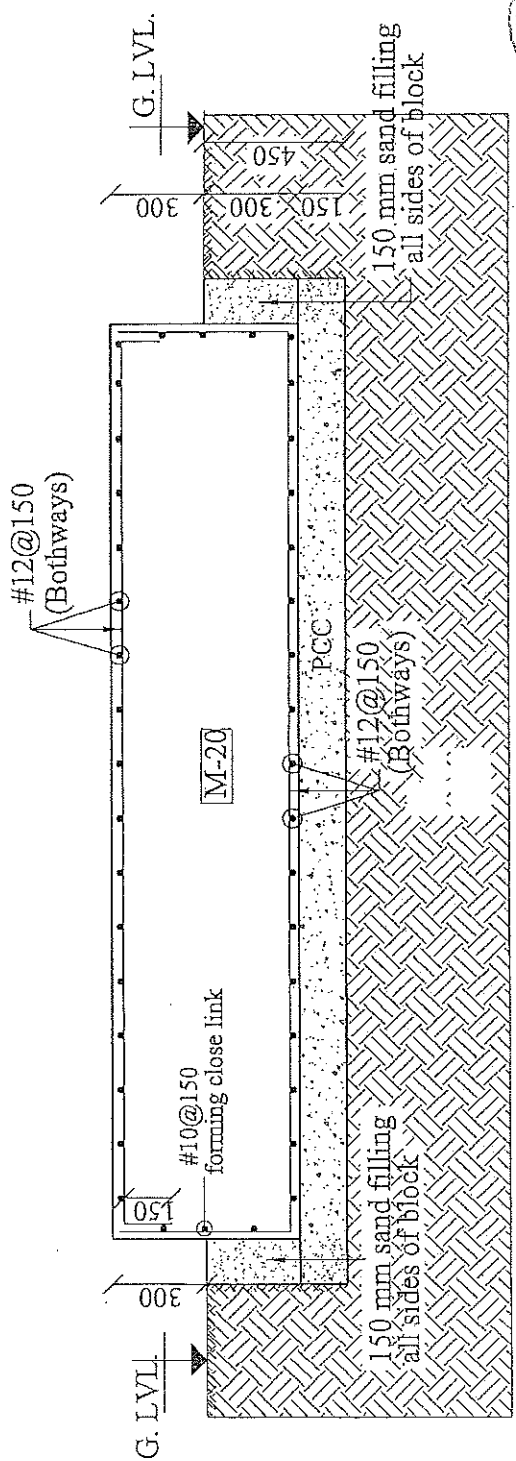


150 mm sand filling
all sides of block

FOUNDATION PLAN



SEC. AT S1-S1



SEC. AT S2-S2

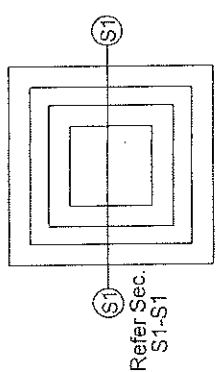
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उपरोक्त आदेश दिए गए
निर्माण इकाई, वाजपेय

महानगर अधिकारी
नं. २० मुंबई नगर निगम लि.

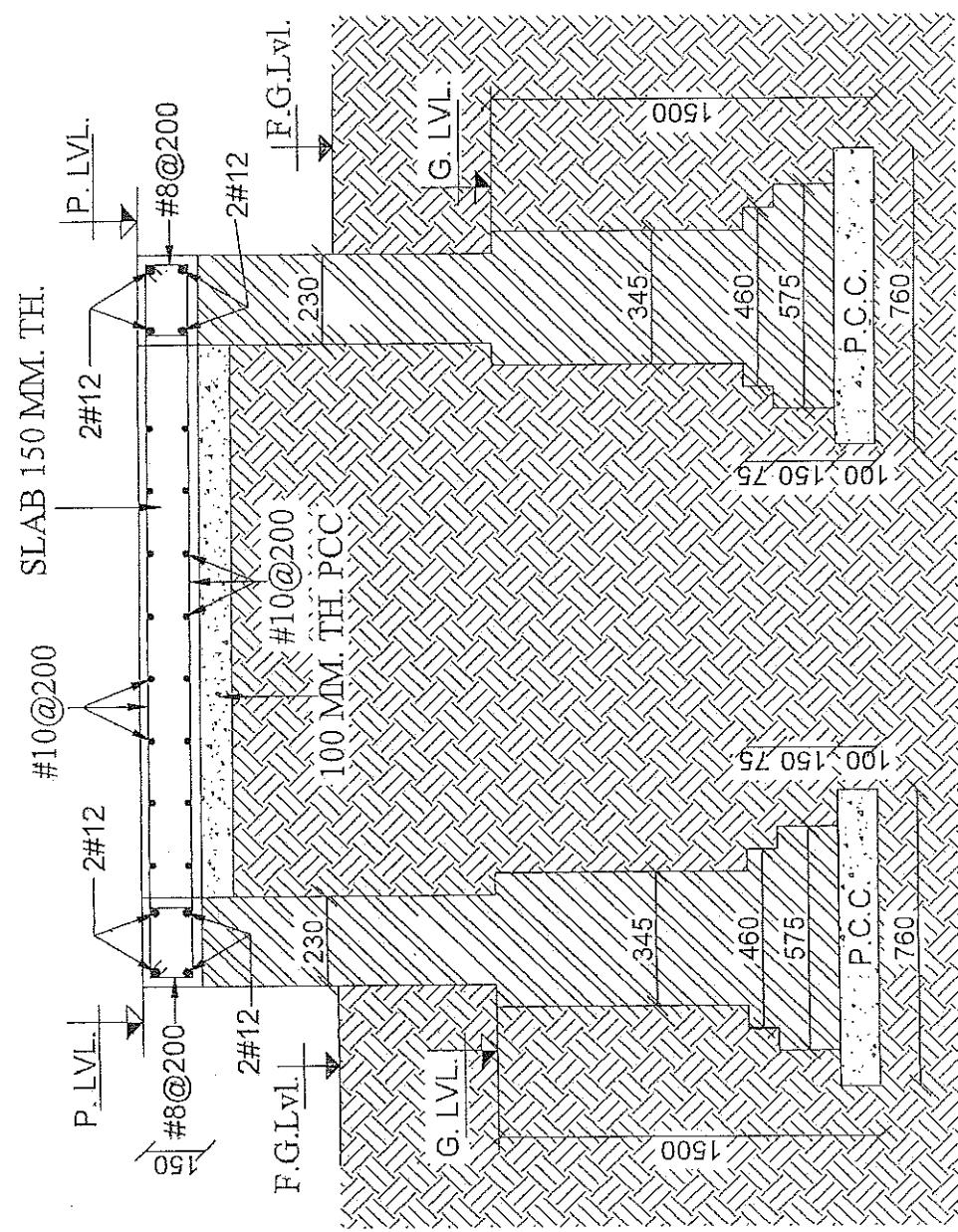


PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	
CLIENT :-	
BUILDING :- D.G. SET PLATFORM	
DRG. TITLE :- PLATFORM DETAIL OF D.G. SET	
NOTES: 1. ALL DIMENSIONS ARE IN MM. 2. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 3. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 4. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 5. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 6. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 7. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 8. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 9. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 10. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 11. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 12. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 13. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 14. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 15. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 16. ALL DIMENSIONS ARE TO BE FOLLOWING DRAWING NOT TO SCALE. 17. 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MANAGER (ARCH):	G.M.:
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-01
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
FRANSHO VERMA	AL. PRATHIHA OUPA
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGP-110 SECTOR-33 SUBHANT GOLF CITY SHAHED PATH LUCKNOW-226025. MOBILE-999433311 pawastika@gmail.com	

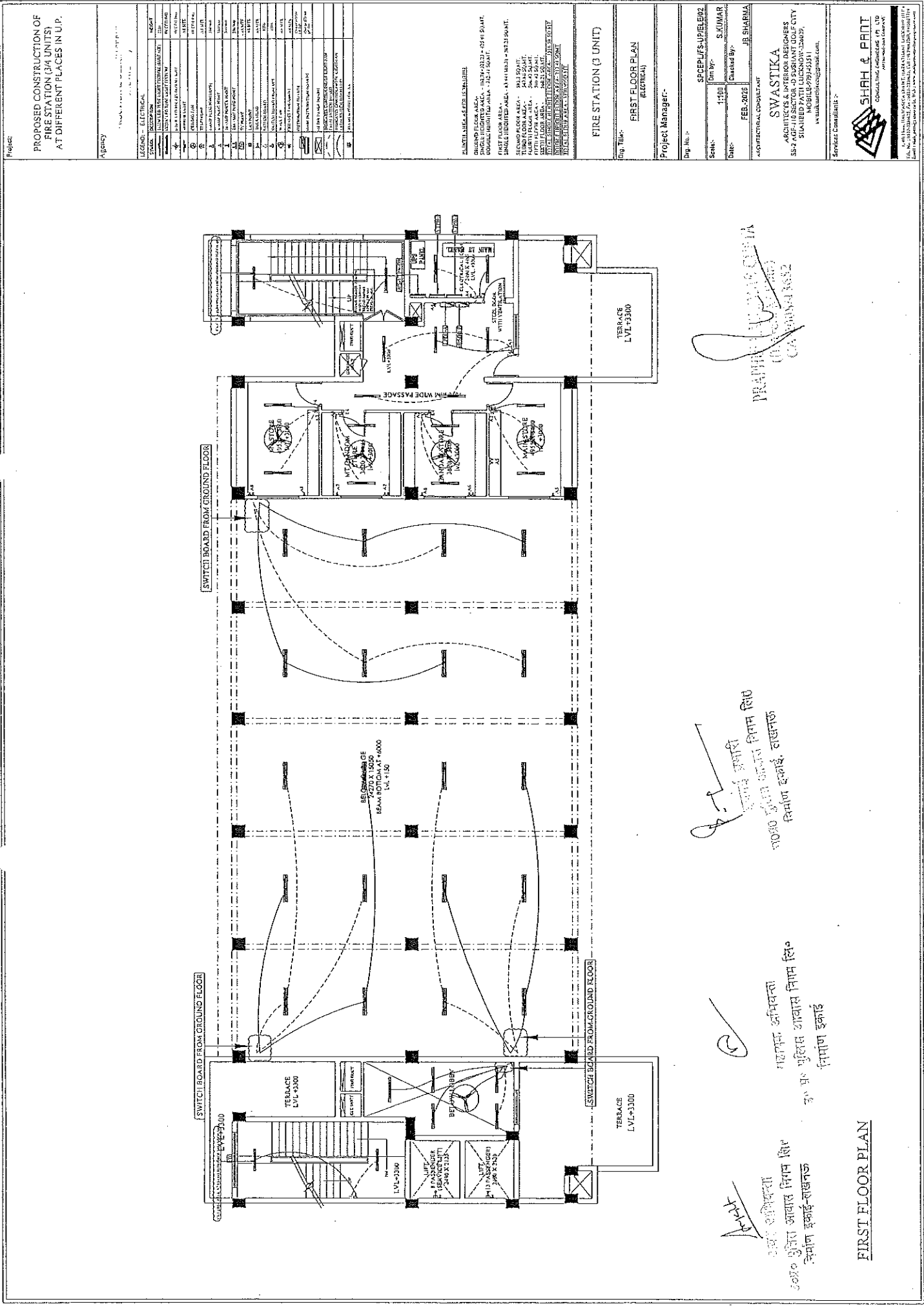
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	
CLIENT :-	
BUILDING :- D.G.SET PLATFORM	
DRG. TITLE :- PLATFORM DETAIL OF TRANSFORM	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN ORDERSHOP IS TO BE FOLLOWED DRAWING NOT BE SCALED. 3. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 4. INTERIOR DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 5. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 6. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 7. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 8. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 9. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE. 10. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE STRUCTURE.	
MANAGER/ARCHITECT :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-02
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :- PRAPHUL KUMAR GUPTA (B.Arch, M. Plan) PRANSHU GUPTA PRANSHU GUPTA
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-7, AG-11, 1st FLOOR, GOLF CITY SEAHED PATH JALCROW-20009, MOBILE-9794131111 swastikaarchitect@gmail.com	



FOUNDATION PLAN



SEC. AT S1-S1



Project:		PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.	
Agency:		SWASTIKA ARCHITECTS & INTERIOR DESIGNERS	
Legend:		ELECTRICAL	
Symbol		Description	
1		MAIN ELECTRICAL PANEL	
2		SUB ELECTRICAL PANEL	
3		WIRING TRAY	
4		CABLE TRAY	
5		CONDUIT	
6		SWITCH	
7		FUSE	
8		BELL ALARM	
9		FIRE ALARM	
10		TELEPHONE	
11		FAN	
12		LIGHT	
13		DOOR	
14		WINDOW	
15		STAIR	
16		ELEVATOR	
17		PARKING	
18		TERRACE	
19		ROOF	
20		GARDEN	
21		WATER TANK	
22		WATER PUMP	
23		WATER PIPE	
24		WATER TAP	
25		WATER VALVE	
26		WATER METER	
27		WATER PUMP	
28		WATER PIPE	
29		WATER TAP	
30		WATER VALVE	
31		WATER METER	
32		WATER PUMP	
33		WATER PIPE	
34		WATER TAP	
35		WATER VALVE	
36		WATER METER	
37		WATER PUMP	
38		WATER PIPE	
39		WATER TAP	
40		WATER VALVE	
41		WATER METER	
42		WATER PUMP	
43		WATER PIPE	
44		WATER TAP	
45		WATER VALVE	
46		WATER METER	
47		WATER PUMP	
48		WATER PIPE	
49		WATER TAP	
50		WATER VALVE	
51		WATER METER	
52		WATER PUMP	
53		WATER PIPE	
54		WATER TAP	
55		WATER VALVE	
56		WATER METER	
57		WATER PUMP	
58		WATER PIPE	
59		WATER TAP	
60		WATER VALVE	
61		WATER METER	
62		WATER PUMP	
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64		WATER TAP	
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66		WATER METER	
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83		WATER PIPE	
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85		WATER VALVE	
86		WATER METER	
87		WATER PUMP	
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89		WATER TAP	
90		WATER VALVE	
91		WATER METER	
92		WATER PUMP	
93		WATER PIPE	
94		WATER TAP	
95		WATER VALVE	
96		WATER METER	
97		WATER PUMP	
98		WATER PIPE	
99		WATER TAP	
100		WATER VALVE	

PRASHANT KUMAR SHARMA
ARCHITECT

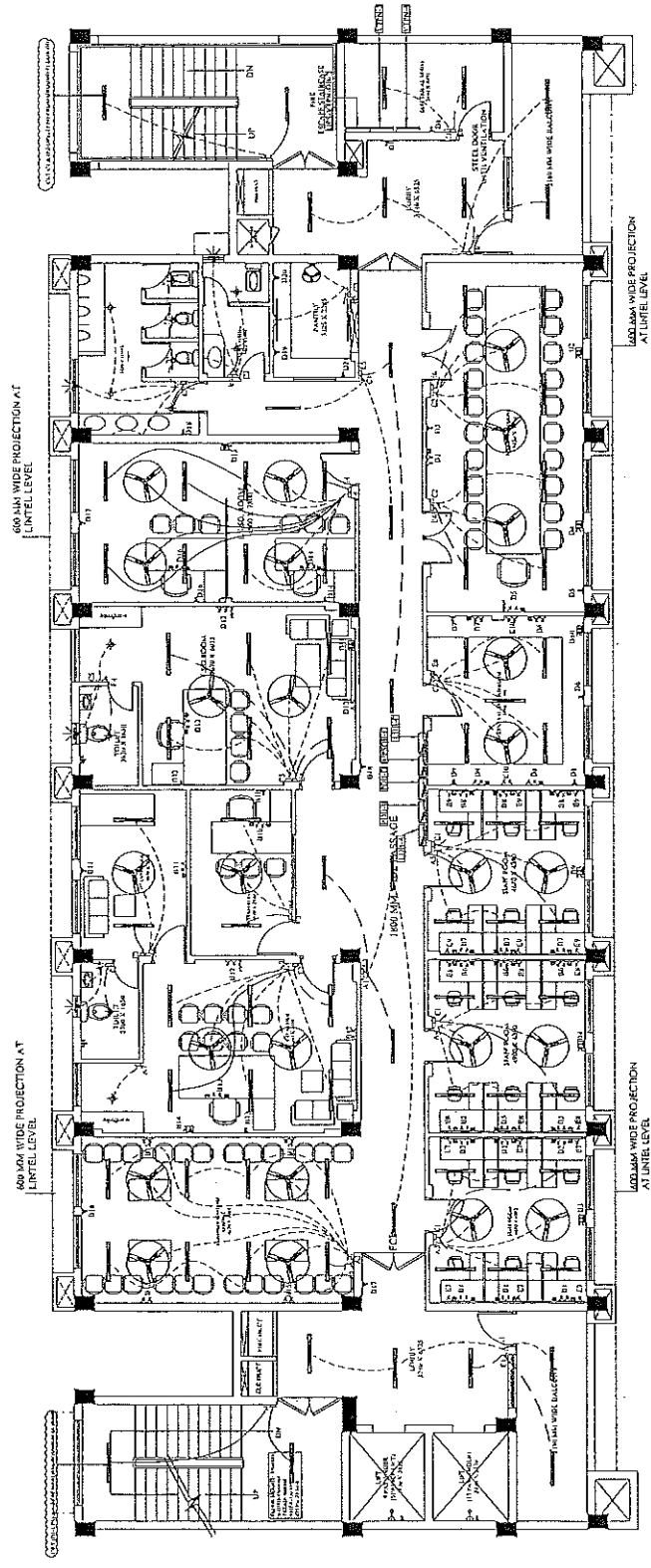
निर्माण इकाई, हावड़ा
निर्माण इकाई, हावड़ा

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निर्माण इकाई, हावड़ा

FIRST FLOOR PLAN

SHAH & PART
CONSULTING ENGINEERS (P. LTD.)
ARCHITECTS & INTERIOR DESIGNERS
30/30, SECTOR-10 SURAT CITY
SHAH NEHRU ROAD, SURAT-392001
MOBILE: 99454551
www.shahandpart.com



PRATT, J. C. (1954)
C-1084-102

निर्माण इकाई, वाखनक
उपराज उपरान्त अन्तर्गत निगम लि०

Pkts अवर अभिवक्ता
सहायक अभियन्ता
पुलिस आवार निगम लि० प्र० मुंबईस आवास निगम लि०
भवन इकाई-वाइजक
SECOND FLOOR PLAN

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency

[illegible]

NORTH AREA AS REQUIRED
 ROUNDING SOUTH AREA
 ROUNDING NORTH AREA - 101.74+327.23 = 423.97 SQ.MET
 SQUARE HATCHING AREA - 312.41 SQ.MET
 EAST FLOOR AREA - 43.84+702.31 = 746.15 SQ.MET
 UNDESIGNATED AREA
 SECOND FLOOR AREA - 243.13 SQ.MET
 ROUNDING FLOOR AREA - 346.48 SQ.MET
 NORTH FLOOR AREA - 346.48 SQ.MET
 SOUTH FLOOR AREA - 346.48 SQ.MET
 TOTAL SQUARE HATCHING FLOOR AREA - 1001.86 SQ.MET
 TOTAL SQUARE HATCHING FLOOR AREA - 1001.86 SQ.MET

FIRE STATION (3 UNIT)

Dr. Title:

FLOOR PLAN
ELECTRICAL

Project Manager:-

Orig. No. :-

SPECIFIC FS-1P/E/ENG

Drum by: _____

Date:-	Checked By:-
--------	--------------

FEB-2026

100-2440

JO SHAW

100-2440

ANALYTICAL CONSEQUENT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

55.2 Acre 110 Sector - DUSILANT GOLF CITY
514 HEPD 14711 LUCK NOW 228/034

115557661-371804
MOBILE-77945511

sw200k@archilect@gmail.com.

Sanjivex Consultants, Inc.

2000

SHAH & PART

CONSULYING ENGINEERS (M) LTD

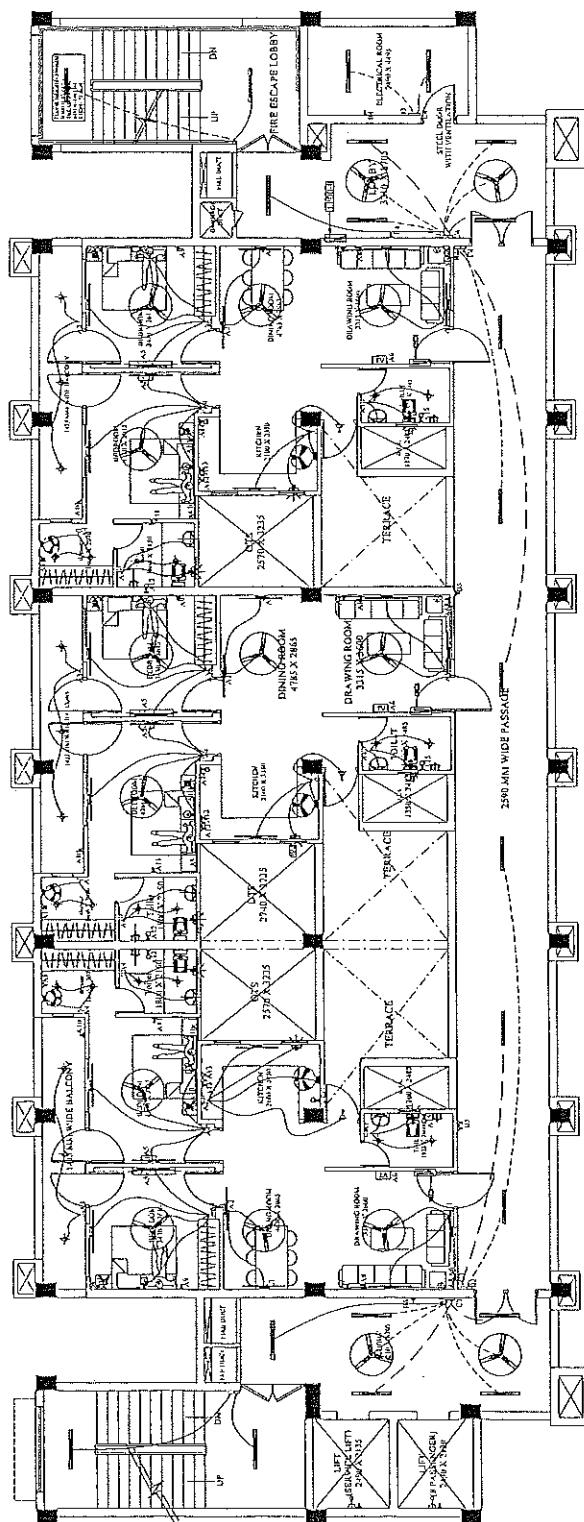
Let Your Radio Be A Good Neighbor

[illegible]

4001 **1000** **2000** **3000** **4000** **5000** **6000** **7000** **8000** **9000** **10000** **11000** **12000** **13000** **14000** **15000** **16000** **17000** **18000** **19000** **20000** **21000** **22000** **23000** **24000** **25000** **26000** **27000** **28000** **29000** **30000** **31000** **32000** **33000** **34000** **35000** **36000** **37000** **38000** **39000** **40000** **41000** **42000** **43000** **44000** **45000** **46000** **47000** **48000** **49000** **50000** **51000** **52000** **53000** **54000** **55000** **56000** **57000** **58000** **59000** **60000** **61000** **62000** **63000** **64000** **65000** **66000** **67000** **68000** **69000** **70000** **71000** **72000** **73000** **74000** **75000** **76000** **77000** **78000** **79000** **80000** **81000** **82000** **83000** **84000** **85000** **86000** **87000** **88000** **89000** **90000** **91000** **92000** **93000** **94000** **95000** **96000** **97000** **98000** **99000** **100000** **101000** **102000** **103000** **104000** **105000** **106000** **107000** **108000** **109000** **110000** **111000** **112000** **113000** **114000** **115000** **116000** **117000** **118000** **119000** **120000** **121000** **122000** **123000** **124000** **125000** **126000** **127000** **128000** **129000** **130000** **131000** **132000** **133000** **134000** **135000** **136000** **137000** **138000** **139000** **140000** **141000** **142000** **143000** **144000** **145000** **146000** **147000** **148000** **149000** **150000** **151000** **152000** **153000** **154000** **155000** **156000** **157000** **158000** **159000** **160000** **161000** **162000** **163000** **164000** **165000** **166000** **167000** **168000** **169000** **170000** **171000** **172000** **173000** **174000** **175000** **176000** **177000** **178000** **179000** **180000** **181000** **182000** **183000** **184000** **185000** **186000** **187000** **188000** **189000** **190000** **191000** **192000** **193000** **194000** **195000** **196000** **197000** **198000** **199000** **200000** **201000** **202000** **203000** **204000** **205000** **206000** **207000** **208000** **209000** **210000** **211000** **212000** **213000** **214000** **215000** **216000** **217000** **218000** **219000** **220000** **221000** **222000** **223000** **224000** **225000** **226000** **227000** **228000** **229000** **230000** **231000** **232000** **233000** **234000** **235000** **236000** **237000** **238000** **239000** **240000** **241000** **242000** **243000** **244000** **245000** **246000** **247000** **248000** **249000** **250000** **251000** **252000** **253000** **254000** **255000** **256000** **257000** **258000** **259000** **260000** **261000** **262000** **263000** **264000** **265000** **266000** **267000** **268000** **269000** **270000** **271000** **272000** **273000** **274000** **275000** **276000** **277000** **278000** **279000** **280000** **281000** **282000** **283000** **284000** **285000** **286000** **287000** **288000** **289000** **290000** **291000** **292000** **293000** **294000** **295000** **296000** **297000** **298000** **299000** **300000** **301000** **302000** **303000** **304000** **305000** **306000** **307000** **308000** **309000** **310000** **311000** **312000** **313000** **314000** **315000** **316000** **317000** **318000** **319000** **320000** **321000** **322000** **323000** **324000** **325000** **326000** **327000** **328000** **329000** **330000** **331000** **332000** **333000** **334000** **335000** **336000** **337000** **338000** **339000** **340000** **341000** **342000** **343000** **344000** **345000** **346000** **347000** **348000** **349000** **35**

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सुकाई अभिरक्षा
गुरुदास गुरुदास गुरुदास
सुकाई-सुखानक

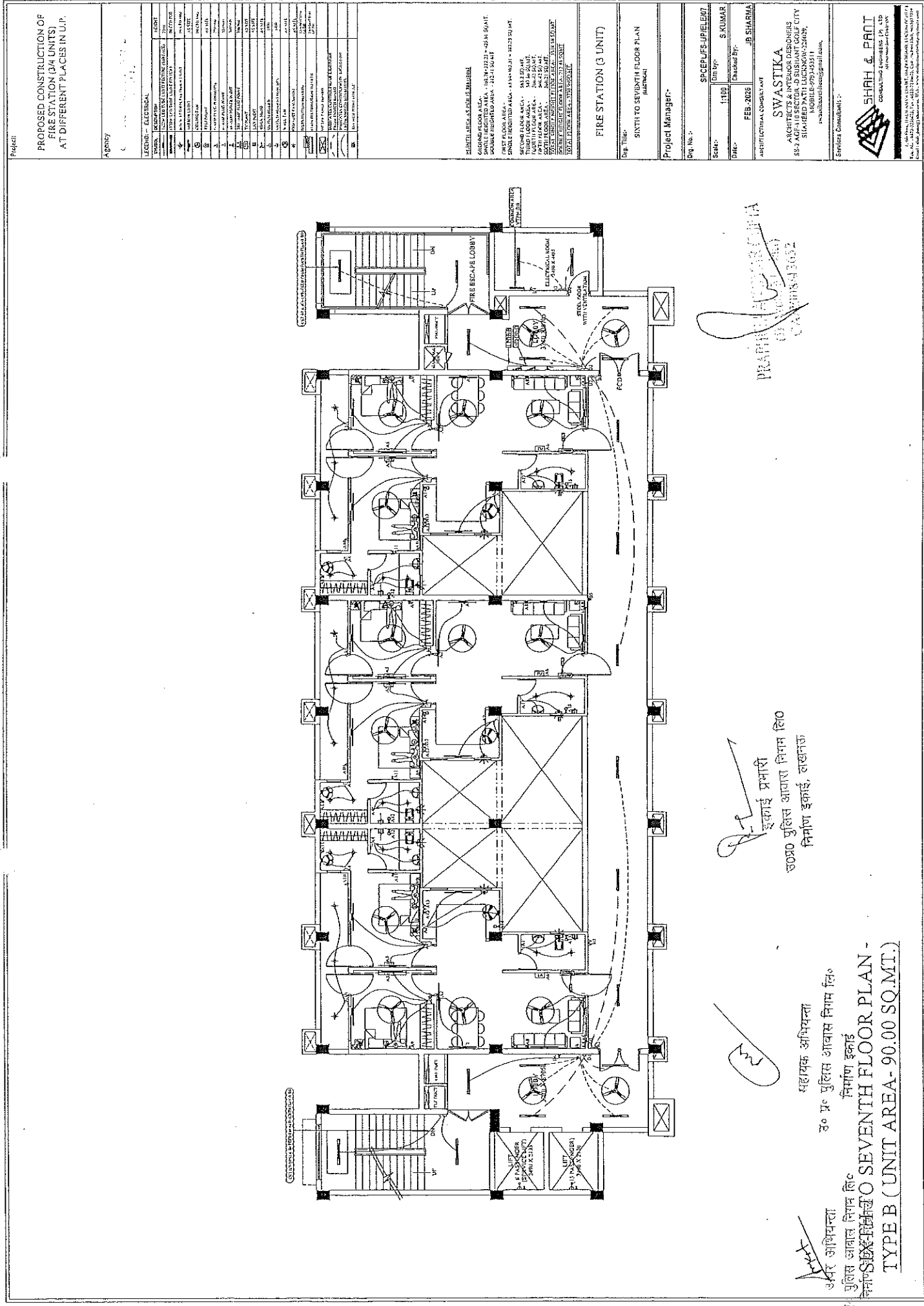
सहायक अभियन्ता
इ० प्र० पुलिस आन्ध्र प्रदेश निगम

अवर अनियन्ता

प्रलिसम्-अवाम्-विगम्-लि०

THE LOOK PLAN

TYPE B (UNIT AREA-90.00 SQ.MT.)



Project:		PROPOSED CONSTRUCTION OF FIRE STATION (34 UNITS) AT DIFFERENT PLACES IN U.P.	
Agency:			
Legend - ELECTRICAL		Legend - MECHANICAL	
SYMBOLS		SYMBOLS	
1. LIGHTING FIXTURE		1. AIR CONDITIONING UNIT	
2. FAN		2. DUCT	
3. ELECTRICAL PANEL		3. EXHAUST FAN	
4. TELEPHONE		4. EXHAUST FAN	
5. TELEVISION		5. EXHAUST FAN	
6. COMPUTER		6. EXHAUST FAN	
7. REFRIGERATOR		7. EXHAUST FAN	
8. WASHING MACHINE		8. EXHAUST FAN	
9. DRYER		9. EXHAUST FAN	
10. STOVE		10. EXHAUST FAN	
11. SINK		11. EXHAUST FAN	
12. CUPBOARD		12. EXHAUST FAN	
13. REFRIGERATOR		13. EXHAUST FAN	
14. WASHING MACHINE		14. EXHAUST FAN	
15. DRYER		15. EXHAUST FAN	
16. STOVE		16. EXHAUST FAN	
17. SINK		17. EXHAUST FAN	
18. CUPBOARD		18. EXHAUST FAN	
19. REFRIGERATOR		19. EXHAUST FAN	
20. WASHING MACHINE		20. EXHAUST FAN	
21. DRYER		21. EXHAUST FAN	
22. STOVE		22. EXHAUST FAN	
23. SINK		23. EXHAUST FAN	
24. CUPBOARD		24. EXHAUST FAN	
25. REFRIGERATOR		25. EXHAUST FAN	
26. WASHING MACHINE		26. EXHAUST FAN	
27. DRYER		27. EXHAUST FAN	
28. STOVE		28. EXHAUST FAN	
29. SINK		29. EXHAUST FAN	
30. CUPBOARD		30. EXHAUST FAN	
31. REFRIGERATOR		31. EXHAUST FAN	
32. WASHING MACHINE		32. EXHAUST FAN	
33. DRYER		33. EXHAUST FAN	
34. STOVE		34. EXHAUST FAN	
35. SINK		35. EXHAUST FAN	
36. CUPBOARD		36. EXHAUST FAN	
37. REFRIGERATOR		37. EXHAUST FAN	
38. WASHING MACHINE		38. EXHAUST FAN	
39. DRYER		39. EXHAUST FAN	
40. STOVE		40. EXHAUST FAN	
41. SINK		41. EXHAUST FAN	
42. CUPBOARD		42. EXHAUST FAN	
43. REFRIGERATOR		43. EXHAUST FAN	
44. WASHING MACHINE		44. EXHAUST FAN	
45. DRYER		45. EXHAUST FAN	
46. STOVE		46. EXHAUST FAN	
47. SINK		47. EXHAUST FAN	
48. CUPBOARD		48. EXHAUST FAN	
49. REFRIGERATOR		49. EXHAUST FAN	
50. WASHING MACHINE		50. EXHAUST FAN	
51. DRYER		51. EXHAUST FAN	
52. STOVE		52. EXHAUST FAN	
53. SINK		53. EXHAUST FAN	
54. CUPBOARD		54. EXHAUST FAN	
55. REFRIGERATOR		55. EXHAUST FAN	
56. WASHING MACHINE		56. EXHAUST FAN	
57. DRYER		57. EXHAUST FAN	
58. STOVE		58. EXHAUST FAN	
59. SINK		59. EXHAUST FAN	
60. CUPBOARD		60. EXHAUST FAN	
61. REFRIGERATOR		61. EXHAUST FAN	
62. WASHING MACHINE		62. EXHAUST FAN	
63. DRYER		63. EXHAUST FAN	
64. STOVE		64. EXHAUST FAN	
65. SINK		65. EXHAUST FAN	
66. CUPBOARD		66. EXHAUST FAN	
67. REFRIGERATOR		67. EXHAUST FAN	
68. WASHING MACHINE		68. EXHAUST FAN	
69. DRYER		69. EXHAUST FAN	
70. STOVE		70. EXHAUST FAN	
71. SINK		71. EXHAUST FAN	
72. CUPBOARD		72. EXHAUST FAN	
73. REFRIGERATOR		73. EXHAUST FAN	
74. WASHING MACHINE		74. EXHAUST FAN	
75. DRYER		75. EXHAUST FAN	
76. STOVE		76. EXHAUST FAN	
77. SINK		77. EXHAUST FAN	
78. CUPBOARD		78. EXHAUST FAN	
79. REFRIGERATOR		79. EXHAUST FAN	
80. WASHING MACHINE		80. EXHAUST FAN	
81. DRYER		81. EXHAUST FAN	
82. STOVE		82. EXHAUST FAN	
83. SINK		83. EXHAUST FAN	
84. CUPBOARD		84. EXHAUST FAN	
85. REFRIGERATOR		85. EXHAUST FAN	
86. WASHING MACHINE		86. EXHAUST FAN	
87. DRYER		87. EXHAUST FAN	
88. STOVE		88. EXHAUST FAN	
89. SINK		89. EXHAUST FAN	
90. CUPBOARD		90. EXHAUST FAN	
91. REFRIGERATOR		91. EXHAUST FAN	
92. WASHING MACHINE		92. EXHAUST FAN	
93. DRYER		93. EXHAUST FAN	
94. STOVE		94. EXHAUST FAN	
95. SINK		95. EXHAUST FAN	
96. CUPBOARD		96. EXHAUST FAN	
97. REFRIGERATOR		97. EXHAUST FAN	
98. WASHING MACHINE		98. EXHAUST FAN	
99. DRYER		99. EXHAUST FAN	
100. STOVE		100. EXHAUST FAN	

PRANJAN KUMAR
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
85/2 AGF-IIII SECTOR-30 SURAJIT GOLF CITY
SHARDA PATTI LUCKNOW-226009,
INDIA
MOBILE: 9994550111
www.swastikaarchitects.com

इकाई प्रमारी
उपरो प्रुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

अपर आभियन्ता
पुलिस आवास निगम लि०
निर्माण इकाई
उपरो प्रुलिस आवास निगम लि०
निर्माण इकाई
TYPE B (UNIT AREA- 90.00 SQ.MT.)

SHAH & PAI
CONSULTING ENGINEERS (P) LTD
201, Park Road, New Delhi-110002

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

LEGEND: ~ ELECTRICAL

SPRINKLER	LOCATION	HEIGHT
1	1ST FLOOR	20'
2	2ND FLOOR	20'
3	3RD FLOOR	20'
4	4TH FLOOR	20'
5	5TH FLOOR	20'
6	6TH FLOOR	20'
7	7TH FLOOR	20'
8	8TH FLOOR	20'
9	9TH FLOOR	20'
10	10TH FLOOR	20'
11	11TH FLOOR	20'
12	12TH FLOOR	20'
13	13TH FLOOR	20'
14	14TH FLOOR	20'
15	15TH FLOOR	20'
16	16TH FLOOR	20'
17	17TH FLOOR	20'
18	18TH FLOOR	20'
19	19TH FLOOR	20'
20	20TH FLOOR	20'
21	21ST FLOOR	20'
22	22ND FLOOR	20'
23	23RD FLOOR	20'
24	24TH FLOOR	20'
25	25TH FLOOR	20'
26	26TH FLOOR	20'
27	27TH FLOOR	20'
28	28TH FLOOR	20'
29	29TH FLOOR	20'
30	30TH FLOOR	20'
31	31ST FLOOR	20'
32	32ND FLOOR	20'
33	33RD FLOOR	20'
34	34TH FLOOR	20'
35	35TH FLOOR	20'
36	36TH FLOOR	20'
37	37TH FLOOR	20'
38	38TH FLOOR	20'
39	39TH FLOOR	20'
40	40TH FLOOR	20'
41	41ST FLOOR	20'
42	42ND FLOOR	20'
43	43RD FLOOR	20'
44	44TH FLOOR	20'
45	45TH FLOOR	20'
46	46TH FLOOR	20'
47	47TH FLOOR	20'
48	48TH FLOOR	20'
49	49TH FLOOR	20'
50	50TH FLOOR	20'
51	51ST FLOOR	20'
52	52ND FLOOR	20'
53	53RD FLOOR	20'
54	54TH FLOOR	20'
55	55TH FLOOR	20'
56	56TH FLOOR	20'
57	57TH FLOOR	20'
58	58TH FLOOR	20'
59	59TH FLOOR	20'
60	60TH FLOOR	20'
61	61ST FLOOR	20'
62	62ND FLOOR	20'
63	63RD FLOOR	20'
64	64TH FLOOR	20'
65	65TH FLOOR	20'
66	66TH FLOOR	20'
67	67TH FLOOR	20'
68	68TH FLOOR	20'
69	69TH FLOOR	20'
70	70TH FLOOR	20'
71	71ST FLOOR	20'
72	72ND FLOOR	20'
73	73RD FLOOR	20'
74	74TH FLOOR	20'
75	75TH FLOOR	20'
76	76TH FLOOR	20'
77	77TH FLOOR	20'
78	78TH FLOOR	20'
79	79TH FLOOR	20'
80	80TH FLOOR	20'
81	81ST FLOOR	20'
82	82ND FLOOR	20'
83	83RD FLOOR	20'
84	84TH FLOOR	20'
85	85TH FLOOR	20'
86	86TH FLOOR	20'
87	87TH FLOOR	20'
88	88TH FLOOR	20'
89	89TH FLOOR	20'
90	90TH FLOOR	20'
91	91ST FLOOR	20'
92	92ND FLOOR	20'
93	93RD FLOOR	20'
94	94TH FLOOR	20'
95	95TH FLOOR	20'
96	96TH FLOOR	20'
97	97TH FLOOR	20'
98	98TH FLOOR	20'
99	99TH FLOOR	20'
100	100TH FLOOR	20'

PLANT AREA AS PER 4/16/1987	
THIRD FLOOR AREA	
THIRD FLOOR AREA	102,797.22 SQ. FT. = 425,101.50 SQ. FT.
FOURTH FLOOR AREA	213.41 SQ. FT.
FIFTH FLOOR AREA	346.21 SQ. FT.
SIXTH FLOOR AREA	346.21 SQ. FT.
SEVENTH FLOOR AREA	346.21 SQ. FT.
EIGHTH FLOOR AREA	346.21 SQ. FT.
NINTH FLOOR AREA	346.21 SQ. FT.
TOTAL FLOOR AREA	425,101.50 SQ. FT.

FIRE STATION (3 UNIT)

Org. Title:

FLOOR PLAN
ELECTRICAL

Project Manager:-

Dr. No. :-

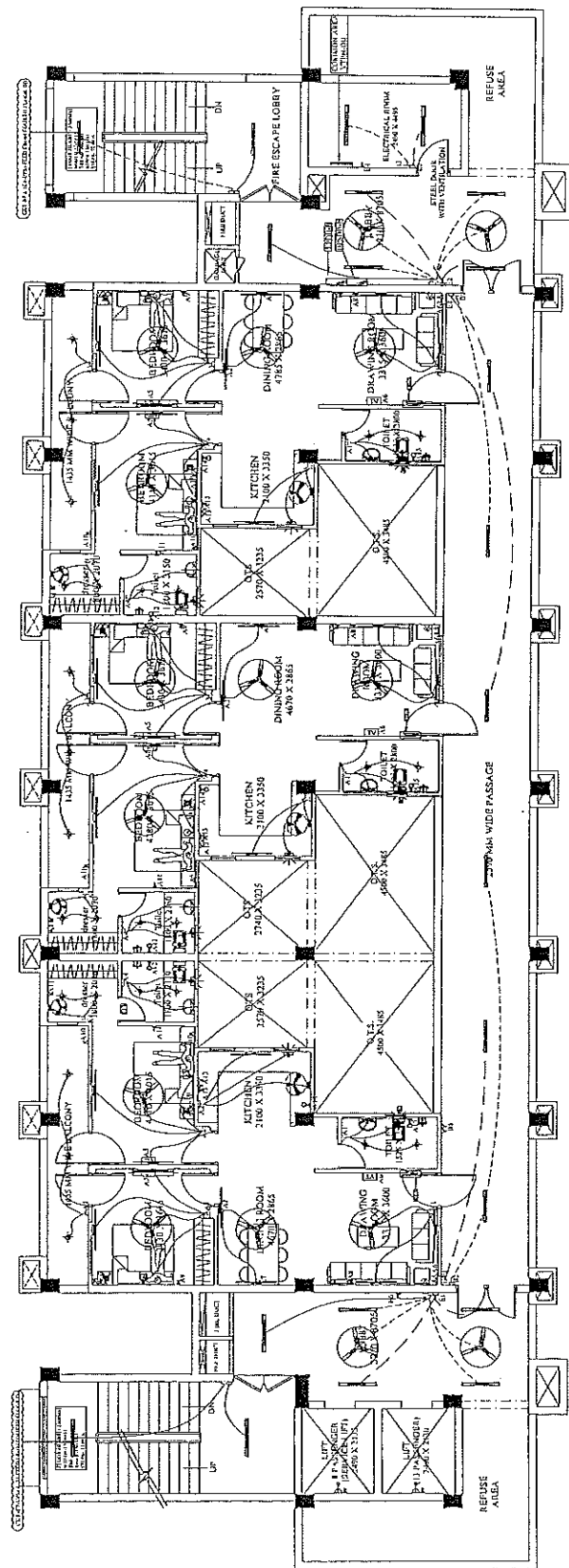
SPCEPLFSJPIELB08		S KUMAR	JR SHARMA
Date:-	1:00	Drn by:-	Ckcd By:-
			FEB-2026

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
AGE-110 SECTOR-D SUSILANT GOLF CITY
SHABIED PATIL LUCKNOW-226619,
MOBILE-97937453511
swastikaarchitects@gmail.com.

Services Consultants :-



SHAH & PANN
CONSULTING ENGINEERS (P) LTD.
AN ISO 9001:2001 CERTIFIED

[illegible]

इकाई प्रभारी
उपनिषद् पुस्तक आचार्य निवास लि०
निमाण इकाई, तखनन

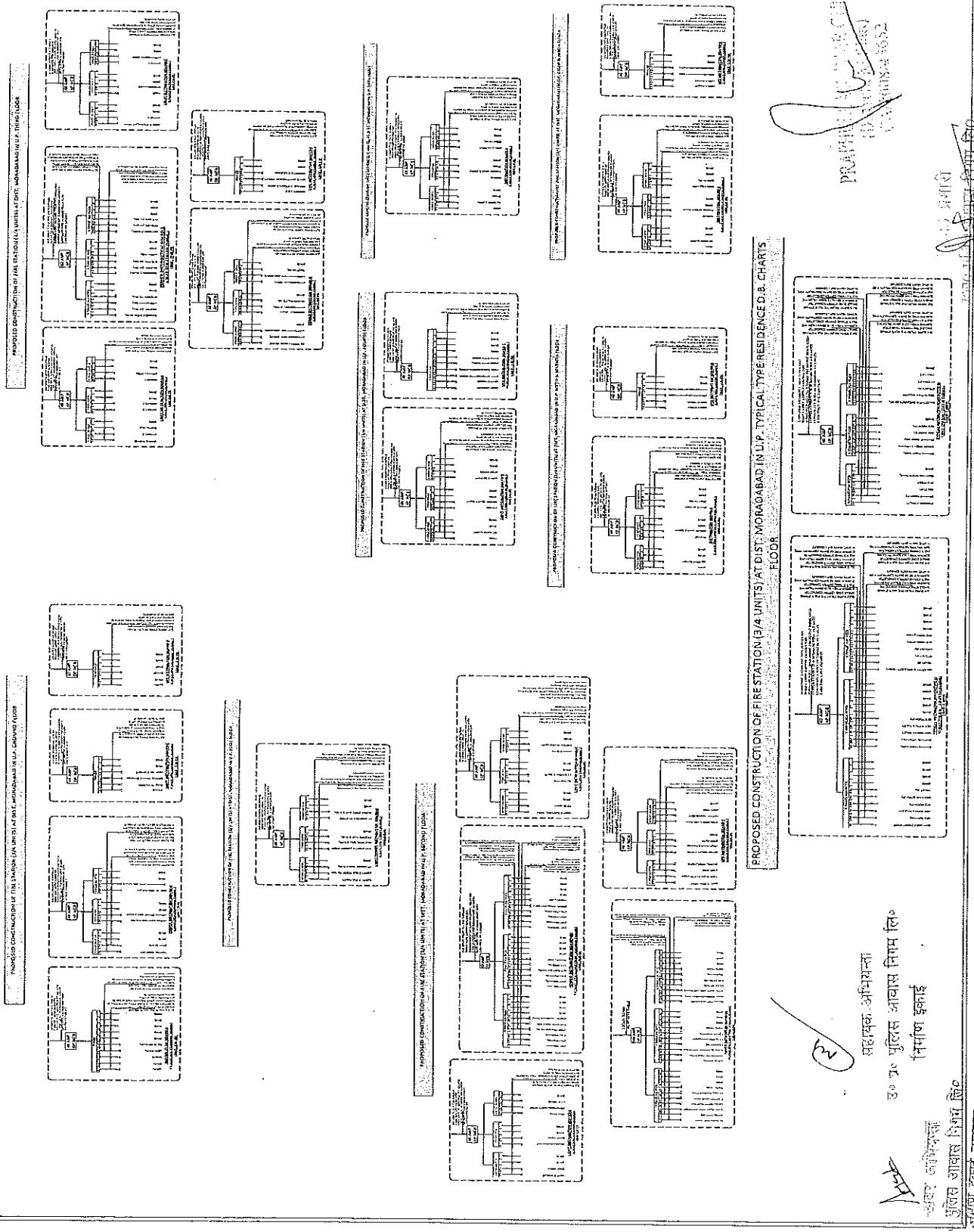
महायुक्त अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

अवर अभियन्ता
प्र० पुलिस आवास निगम लि०

EIGHTH FLOOR PLAN

TYPE B (UNIT AREA- 90.00 SQ.MT.)

Project:		PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIST. MORABAD IN U.P.	
Agency:			
COVERED AREA STATEMENT CHART		GROUND FLOOR AREA - 548.00 SQ.MT. FIRST FLOOR AREA - 284.00 SQ.MT. SECOND FLOOR AREA - 284.00 SQ.MT. THIRD FLOOR AREA - 631.80 SQ.MT. FOURTH FLOOR AREA - 574.33 SQ.MT. FIFTH FLOOR AREA - 571.36 SQ.MT. SIXTH FLOOR AREA - 571.36 SQ.MT. SEVENTH FLOOR AREA - 571.36 SQ.MT. EIGHTH FLOOR AREA - 541.00 SQ.MT. NINTH FLOOR AREA - 541.00 SQ.MT. TENTH FLOOR AREA - 541.00 SQ.MT. ELEVENTH FLOOR AREA - 541.00 SQ.MT. TOTAL FLOOR AREA - 5481.00 SQ.MT.	
FIRE STATION (3 UNIT)			
DB DETAILS (ELECTRICAL)			
Project Manager:			
Date:		APRIL-2024	
Scale:		1:100	
Drawn By:		S. KUMAR	
Checked By:		JB SHARMA	
Architectural Consultant:		SUSHEEL GUPTA ARCHITECTS 235 NEW HAND-2 GOMTI NAGAR LUCKNOW, Ph. 0522655555 Email: sushilguptaarchitects@gmail.com Services Available :-	
SHAH & PROI		CONSULTING ENGINEERS (P) LTD. 10/10, SUBHASH ROAD, DELHI-110005 Ph. 011-26101010, 011-26101011, 011-26101012 Fax. 011-26101013, 011-26101014, 011-26101015 Email: shahproi@gmail.com, shahproi@yahoo.co.uk	



उ० प्र० पुलिस आवास निगम लि०
महामक. अभियन्ता
निर्माण इकाई

उ० प्र० पुलिस आवास निगम लि०
महामक. अभियन्ता
निर्माण इकाई

उ० प्र० पुलिस आवास निगम लि०
महामक. अभियन्ता
निर्माण इकाई

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DEFERENT PLACES IN U.P.

UP POLICE AWAS NIGAM LTD.

[illegible]

FIRE STATION (3/4 UNIT)

PANEL'S SLD
AN ELECTRIC SERVICE COMPANY
(ELECTRICAL)

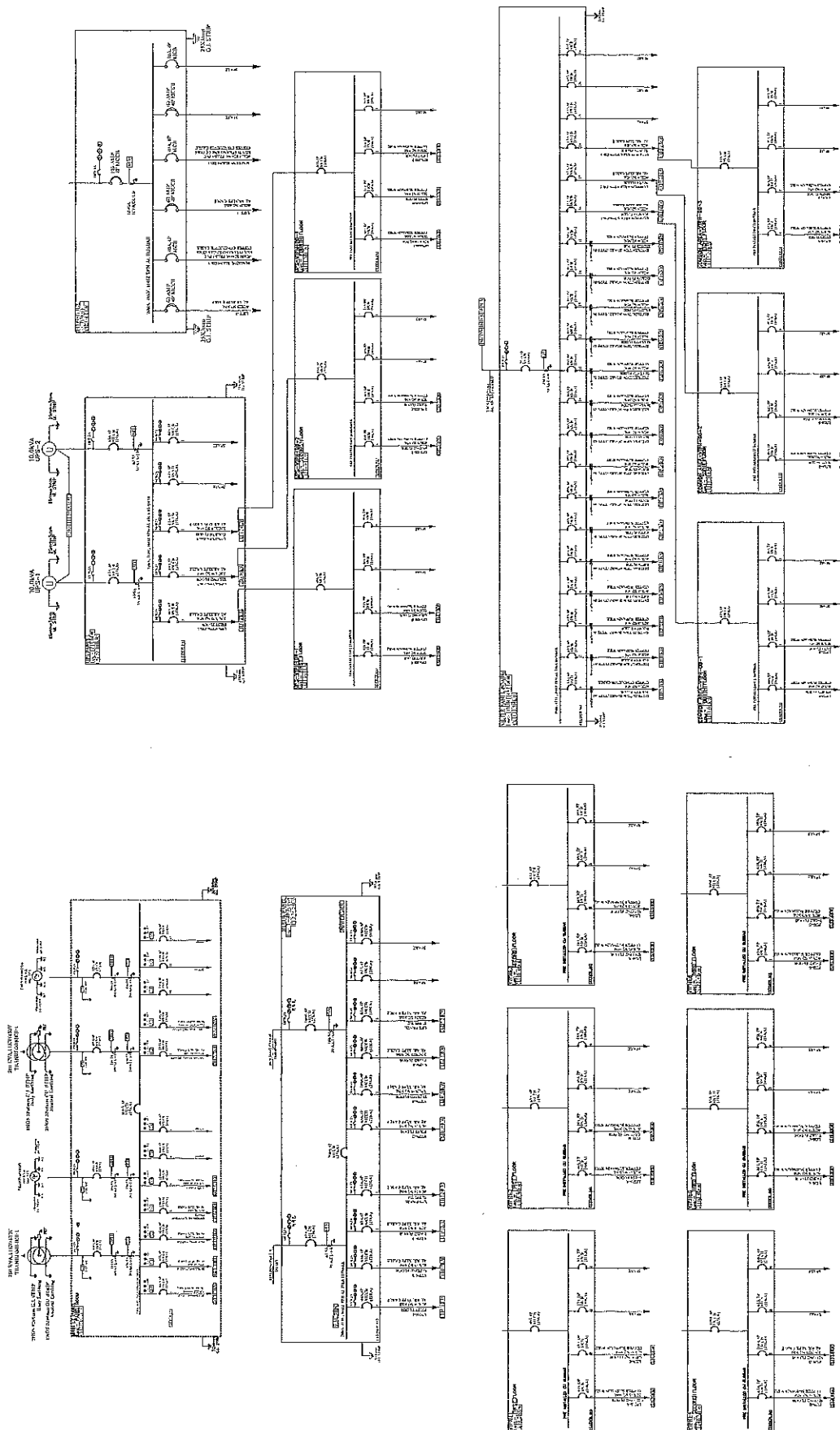
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Date:-	FEB.2026	Checked By:-	JB SHARMA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY
SHAHEED PATH LUCKNOW-226029.
MOBILE-9793453311
swastikarchitect@gmail.com.



SHAH & PANT
CONSULTING ENGINEERS (P) LTD.
101/102, 10th Floor, Naraina Complex,
Naraina, New Delhi - 110028

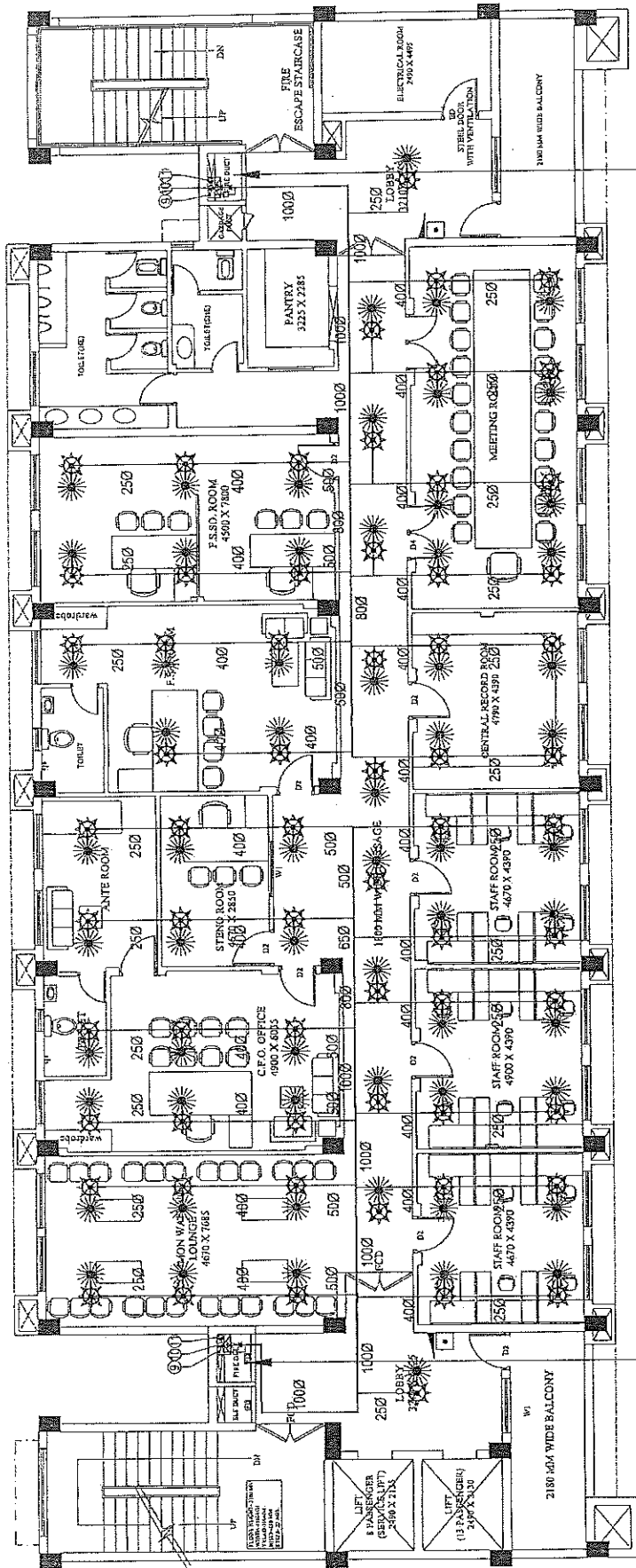
3, 4th Floor, PALMAYANA COURT, JAGGAYYANAGU, LUCKNOW (U.P.)
Tel. No. : 0522-230611, Fax : 0522-224625, Cdn : 9839013366, 9415027719



PRAPHULLA KUMAR GUPTA
(B.Tech., M. Plan)
CAREER-09512650

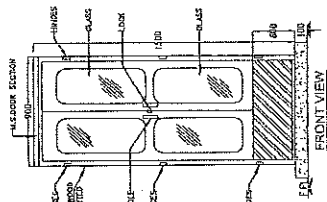
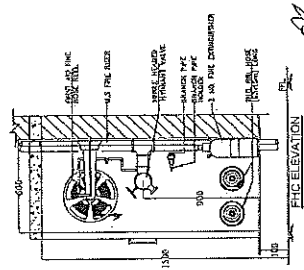
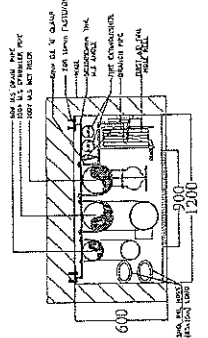
सहायक अभियन्ता
३० प्र० पुलिस आवामस निगम लि०
निर्माण इकाई

अवर अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई-लखनऊ



SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150MM DIA FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWING:
a) 45 MM DIA SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA 20 METER LONG HOSE REEL
c) TWO NOS. 25 MM DIA 15 METER LONG FIRE HOSE PIPES
d) ONE NOS. BRANCH PIPE

PRATHAN KUMAR GUPTA
(B. Arch, M. Plan)
CA/2008/43652



SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150MM DIA FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWING:
a) 45 MM DIA SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA 20 METER LONG HOSE REEL
c) TWO NOS. 25 MM DIA 15 METER LONG FIRE HOSE PIPES
d) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPOSING OF
a) 4.5 Kg. CO2 type fire extinguishers
b) 6 Kg. A.B.C. type fire extinguishers
c) 1.5 Kg. A.B.C. type fire extinguishers
(One pressure fire extinguishers complete with bracket, hose and initial charge as per IS 5001)

S.NO	SYMBOL	DESCRIPTION
1	☼	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	☼	BRANCH PIPE
5	☼	MAIN SPRINKLER PIPE
6	☼	800 DIA PIPE
7	☼	1500 SPRINKLER PIPE
8	☼	1000 HYDRANT PIPE
9	☼	BUTTERFLY VALVE
10	☼	TEST ASSEMBLY
11	☼	FLOW SWITCH
12	☼	FIRE HOSE CABINET

DETAIL A-A

FIG ELEVATION

FRONT VIEW

UNDER CONSTRUCTION

U.P. POLICE AWAS NIGAM LTD.

HOME DEPARTMENT

AGENCY:-

PROJECT:-

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DIFFERENT PLACES IN U.P.

SWASTIKA

ARCHITECTURAL CONSULTANTS

SHRUTI & PRIYI

ARCHITECTS

SHRUTI & PRIYI

ARCHITECTS

SHRUTI & PRIYI

ARCHITECTS

SHRUTI & PRIYI

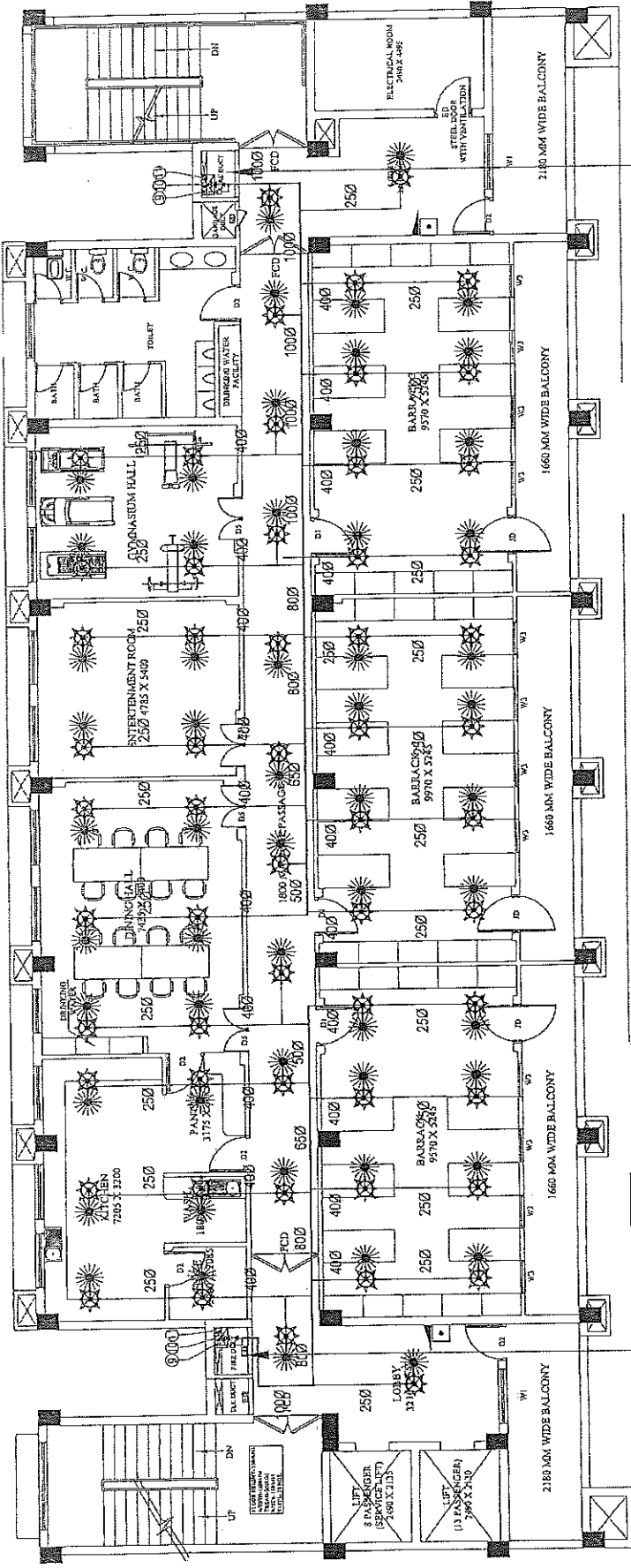
ARCHITECTS

SHRUTI & PRIYI

ARCHITECTS

SHRUTI & PRIYI

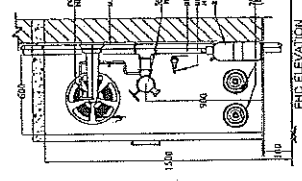
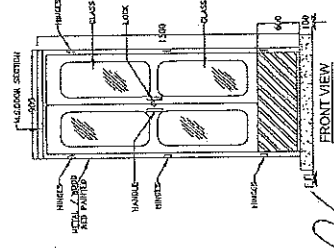
ARCHITECTS



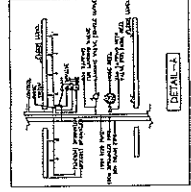
NO	SYMBOL	DESCRIPTION
1	☼	HYDRANT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	☼	800 DRAMA PIPE
7	☼	1500 SPRINKLER PIPE
8	☼	1000 HYDRANT PIPE
9	☼	BUTTERFLY VALVE
10	☼	TEST ASSEMBLY
11	☼	FLOW SWITCH
12	☼	FIRE HOSE CABINET

SPACE FOR DOWN COMER/WET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMER/WET RISER
WITH FOLLOWING:-
a) 150 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE PIPES
d) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPREHENSIVE OF
a) 4.5 Kg. CO₂ type fire extinguishers
b) 1.5 Kg. ABC type fire extinguishers
c) 1.5 Kg. ABC type fire extinguishers
(Gas pressure) fire extinguishers
complete with bracket, Belt and initial
charge as per IS 940.

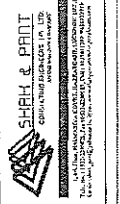


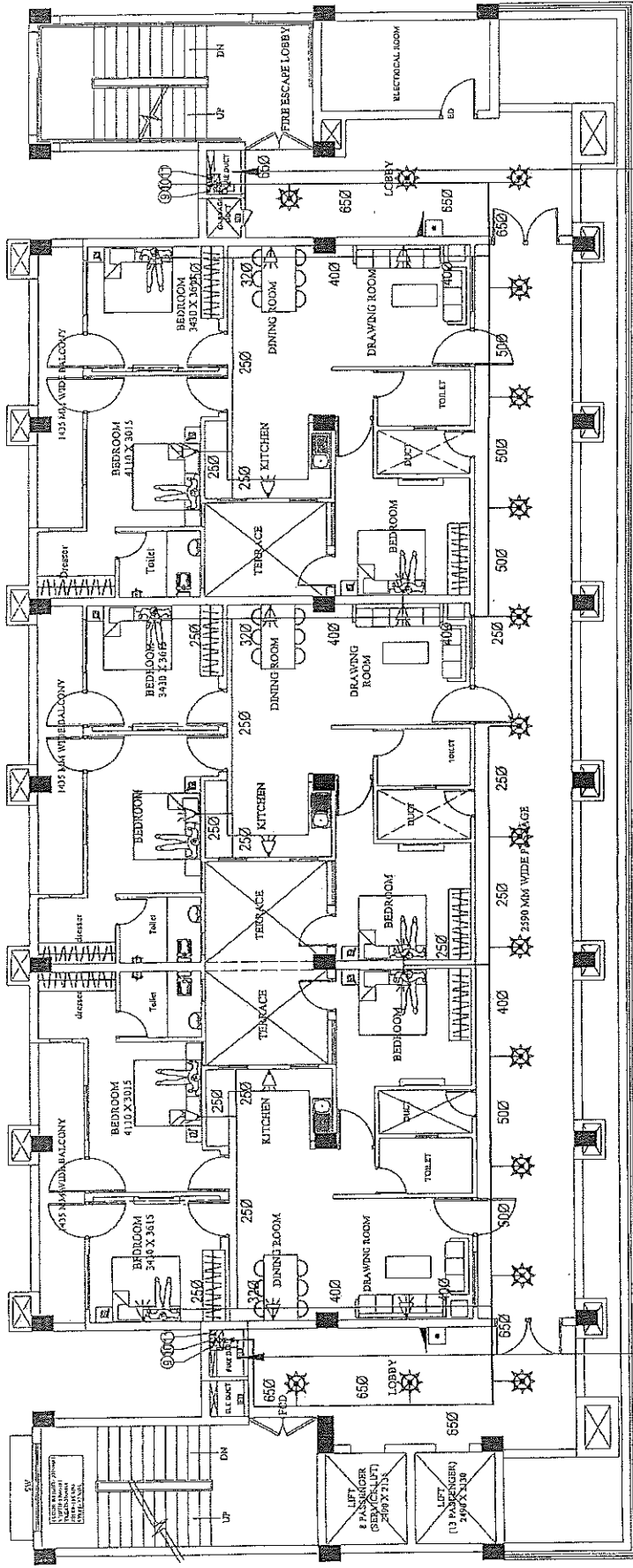
SPACE FOR DOWN COMER/WET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMER/WET RISER
WITH FOLLOWING:-
a) 150 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE PIPES
d) ONE NOS. BRANCH PIPE



PRAPHULA KUNAR GUPTA
(B. Archt. Plan)
CA 2008/43652

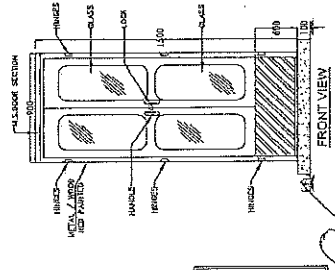
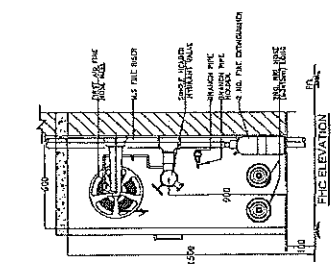
PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.		AGENCY:- U.P. POLICE AWAS NIGAM LTD.		CLIENT:- HOME DEPARTMENT	
DRAWING TITLE:- THIRD FLOOR PLAN (FIRE FIGHTING SERVICES)		DATE: FEB/2023		SCALE: 1:100	
DESIGNED BY: PRAPHULA KUNAR GUPTA		CHECKED BY: M. PANT		DATE: FEB/2023	
ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-1 AGF-110 SECTOR-D SURBANT COLONY SHAHRAD NAGAR, DELHI-110031 swastikaarchitects@gmail.com		PROJECT NO.: 2023/01/01		DATE: FEB/2023	
DESIGNED BY: PRAPHULA KUNAR GUPTA		CHECKED BY: M. PANT		DATE: FEB/2023	





SPACE FOR DOWN COMERWET RISER

FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
2) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
3) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
4) ONE NOS. BRANCH PIPE



SPACE FOR DOWN COMERWET RISER

FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
2) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
3) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
4) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF:

1) 4.5 Kg. CO₂ type fire extinguishers
1.51 marked.
2) 6 Kg. A.B.C. type fire extinguishers
1.51 marked.
(One pressure) fire extinguishers
complete with bucket, 5000 and initial
charge as per IS 940.

LEGEND:	SYMBOL	DESCRIPTION
1	⊗	PENDANT SPRINKLER
2	⊗	UPRIGHT SPRINKLER
3	⊗	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	⊗	500 DRAIN PIPE
7	⊗	1000 SPRINKLER PIPE
8	⊗	1000 HYDRANT PIPE
9	⊗	BUTTERFLY VALVE
10	⊗	TEST ASSEMBLY
11	⊗	FLOW SWITCH
12	⊗	FIRE HOSE CABINET

PROJECT:

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DIFFERENT PLACES IN U.P.

AGENCY:

U.P. POLICE AWAS NIGAM LTD.

CLIENT:

HOME DEPARTMENT

DRAWING TITLE:

FOURTH FLOOR PLAN
(FIRE FIGHTING SERVICES)

DATE:

15/02/2023

DESIGNED BY:

SWASTIKA

CHECKED BY:

M. PANT

ARCHITECTURAL CONSULTANTS:

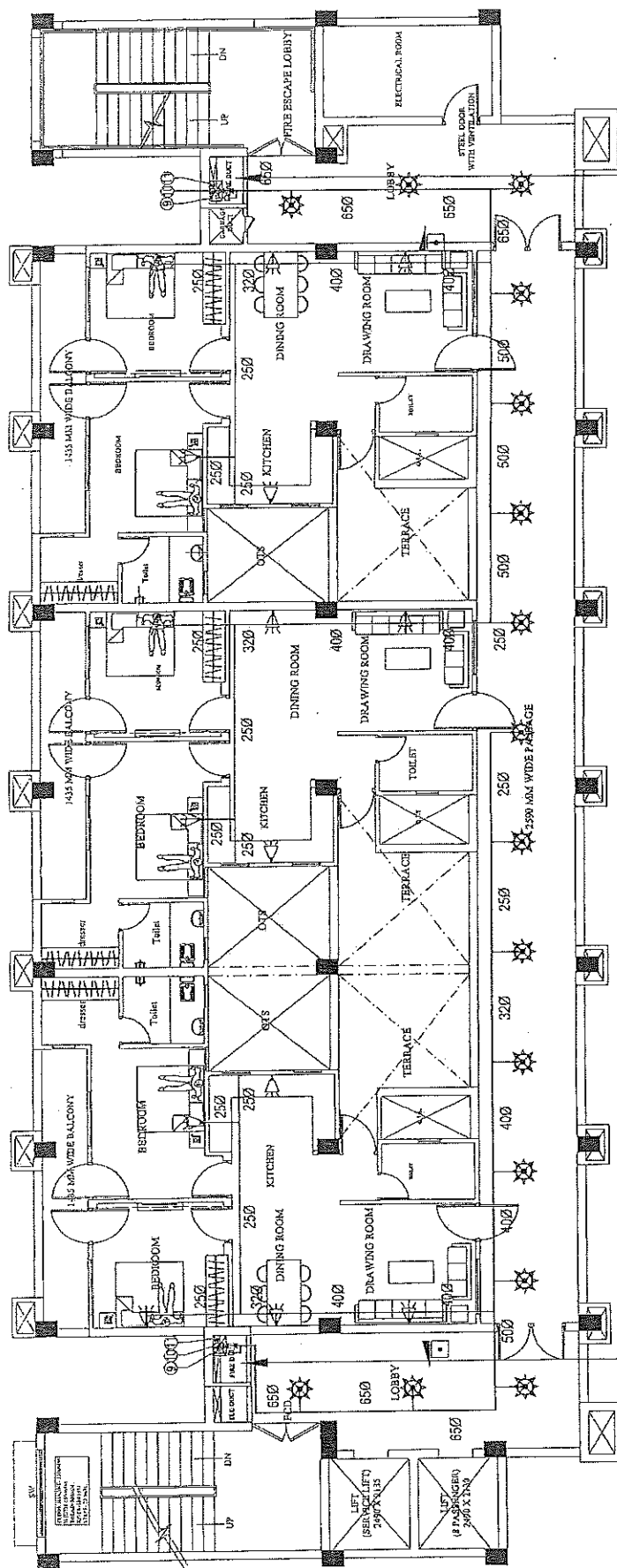
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SE-2 AGF-10 SECTOR-3 GURGAON-122002
MOBILE-979433111
swastikaarchitects@gmail.com

PROJECT NO.:

CA/2008/43652

DATE:

15/02/2023



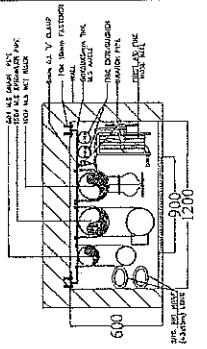
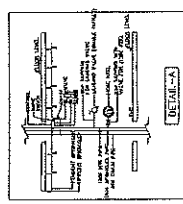
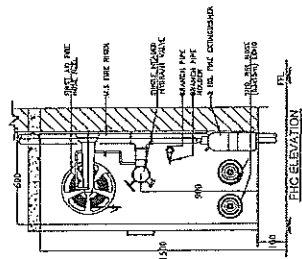
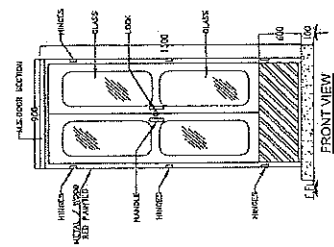
SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
 WITH FOLLOWING:
 1) 25 MM DIA SINGLE HEADED INRANT VALVE
 2) 25 MM DIA SINGLE HEADED INRANT VALVE
 3) TWO NOS. 25 MM DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

LEGEND:-

S.NO	SYMBOL	DESCRIPTION
1	⊗	PENDANT SPRINKLER
2	⊙	UPRIGHT SPRINKLER
3	⊳	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	⊙	800 DIA HIE
7	⊙	1500 SPRINKLER PIPE
8	⊙	1000 HYDRANT PIPE
9	⊙	BUTTERFLY VALVE
10	⊙	TEST ASSEMBLY
11	⊙	FLOW SWITCH
12	⊙	FIRE HOSE CABINET

SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
 WITH FOLLOWING:
 1) 25 MM DIA SINGLE HEADED INRANT VALVE
 2) 25 MM DIA SINGLE HEADED INRANT VALVE
 3) TWO NOS. 25 MM DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
 1) 4.5 Kg. CO₂ type fire extinguishers
 2) 4.5 Kg. B.C. type fire extinguishers
 3) 1.5 Kg. B.C. type fire extinguishers
 (Gas pressure) fire extinguishers
 complete with bracket, Boly and nail
 charge as per IS 940.

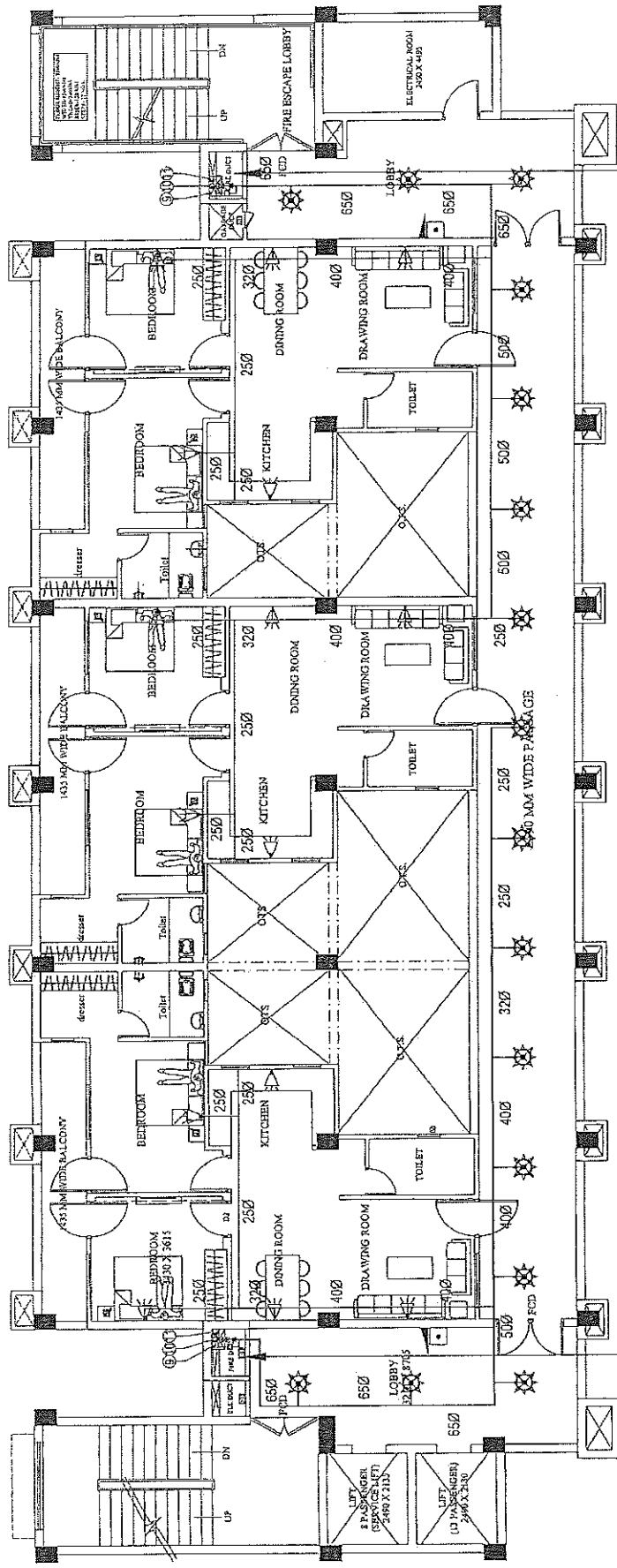


DETAIL - A-A

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	AGENCY:- U.P. POLICE AWAS NIGAM LTD.	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- FIFTH FLOOR PLAN (FIRE FIGHTING SERVICES)	DWG. No. FS-3/4/PS/SP-08	Drawn by ASIF	Checked By M. BANT	DATE FEB/2028
	CLIENT:- HOME DEPARTMENT						

ARCHITECTURAL CONSULTANT:-
SWASTIKA
 ARCHITECTS & INTERIOR DESIGNERS
 SP-2 AG-110 SECTOR-D SURSHANT GOLF CITY
 SHALIBED PATH LUCKNOW-226025.
 MOBILE 9794345111
 swastikarchitect@gmail.com

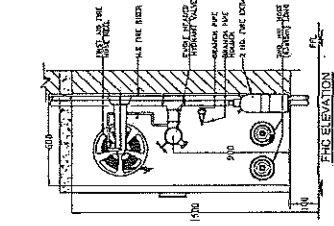
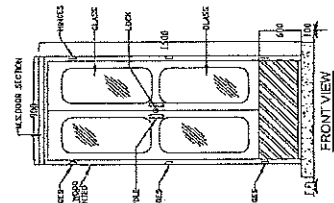
DESIGN CONSULTANT:-
SHRISH & PRITI
 CONSULTING ARCHITECTS & INTERIOR DESIGNERS
 101-A, HANUMANI MARG, LUCKNOW-226001
 MOBILE 9794345111
 shreshpriti@gmail.com



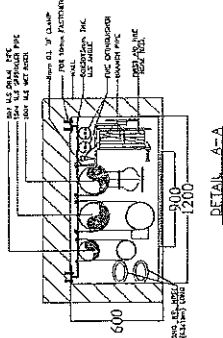
SYMBOL	DESCRIPTION
1	PENDANT SPRINKLER
2	UPFLIGHT SPRINKLER
3	SIDE WALL SPRINKLER
4	BRANCH PIPE
5	MAIN SPINKLER PIPE
6	800 DRAIN PIPE
7	1500 SPRINKLER PIPE
8	1000 HYDRANT PIPE
9	BUTTERFLY VALVE
10	TEST ASSEMBLY
11	FLOW SWITCH
12	FIRE HOSE CABINET

SPACE FOR DOWN CORNER WET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN CORNER WET RISER
 WITH FOLLOWINGS:
 1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 2) TWO NOS. 800 DIA 20 METER LONG HOSE REEL
 3) TWO NOS. 800 DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

SPACE FOR DOWN CORNER WET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN CORNER WET RISER
 WITH FOLLOWINGS:
 1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 2) TWO NOS. 800 DIA 20 METER LONG HOSE REEL
 3) TWO NOS. 800 DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

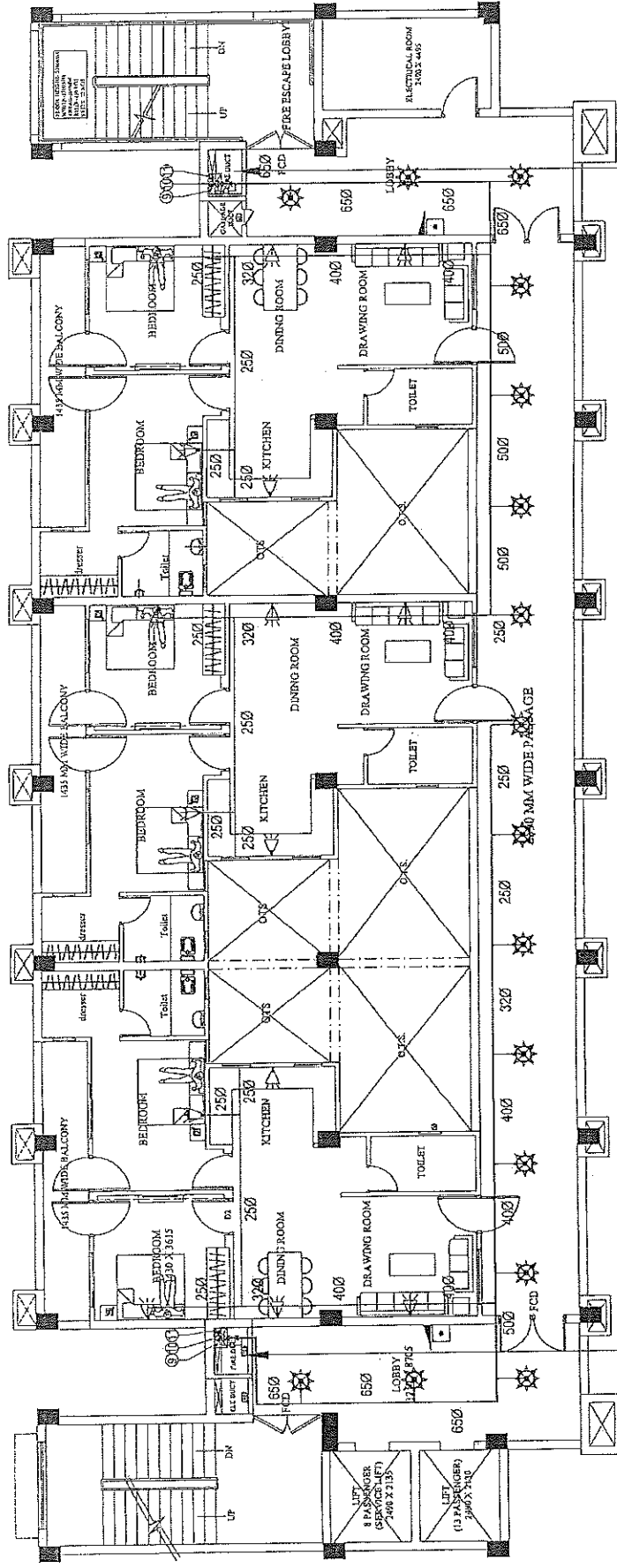


FIRE EXTINGUISHERS COMPRISING OF
 1) 4.5 Kg. CO2 type fire extinguishers
 2) 6 Kg. A.B.C. type fire extinguishers
 3) 1.5 Kg. A.B.C. type fire extinguishers
 (Gas pressure) fire extinguishers
 complete with bracket, Bulb and initial
 charge at per 15 940 -



PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.		CLIENT:- HOME DEPARTMENT		AGENCY:- U.P. POLICE AWAS NIGAM LTD.		DRAWING TITLE:- FIRE STATION (3/4 UNITS)		SIXTH FLOOR PLAN (FIRE FIGHTING SERVICES)		Scale 1/8" = 1'-0"		Date FEB/2005		Checked By M. PANT		Architectural Consultants :- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS 55/4 AGP-110 SECTOR - 8 SURSHANT GOLF CITY SHAHEED PATH, LUCKNOW-226032 MOBILE-979435111 swastikaarchitects@gmail.com		Sheet Count:- SHARH & PART	
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PRAPNULAKUMAR GUPTA
 (B.Arch, M. Plan)
 CA/800843652

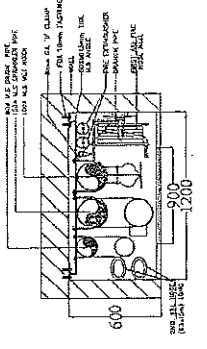
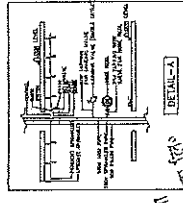
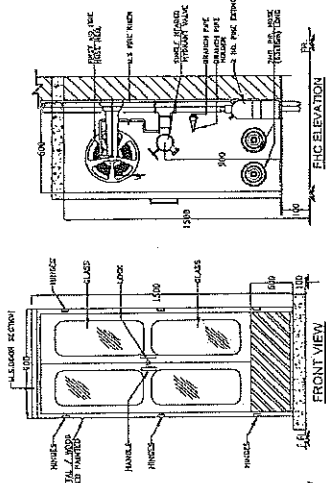


SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
1) 150 MM DIA. SINGLE HEADED HYDRANT VALVE
2) TWO NOS. 150 MM DIA. 15 METER LONG FIRE HOSE PIPES
3) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
1) 150 MM DIA. SINGLE HEADED HYDRANT VALVE
2) TWO NOS. 150 MM DIA. 15 METER LONG FIRE HOSE PIPES
3) ONE NOS. BRANCH PIPE

SNO	SYMBOL	DESCRIPTION
1	⊗	PERCENT SPRINKLER
2	⊙	UPRIGHT SPRINKLER
3	⊕	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	⊖	200 DRAIN PIPE
7	⊙	1500 SPRINKLER PIPE
8	⊙	1000 HYDRANT PIPE
9	⊙	BUTTERFLY VALVE
10	⊗	TEST ASSEMBLY
11	□	FLOW SWITCH
12	⊗	FIRE HOSE CABINET

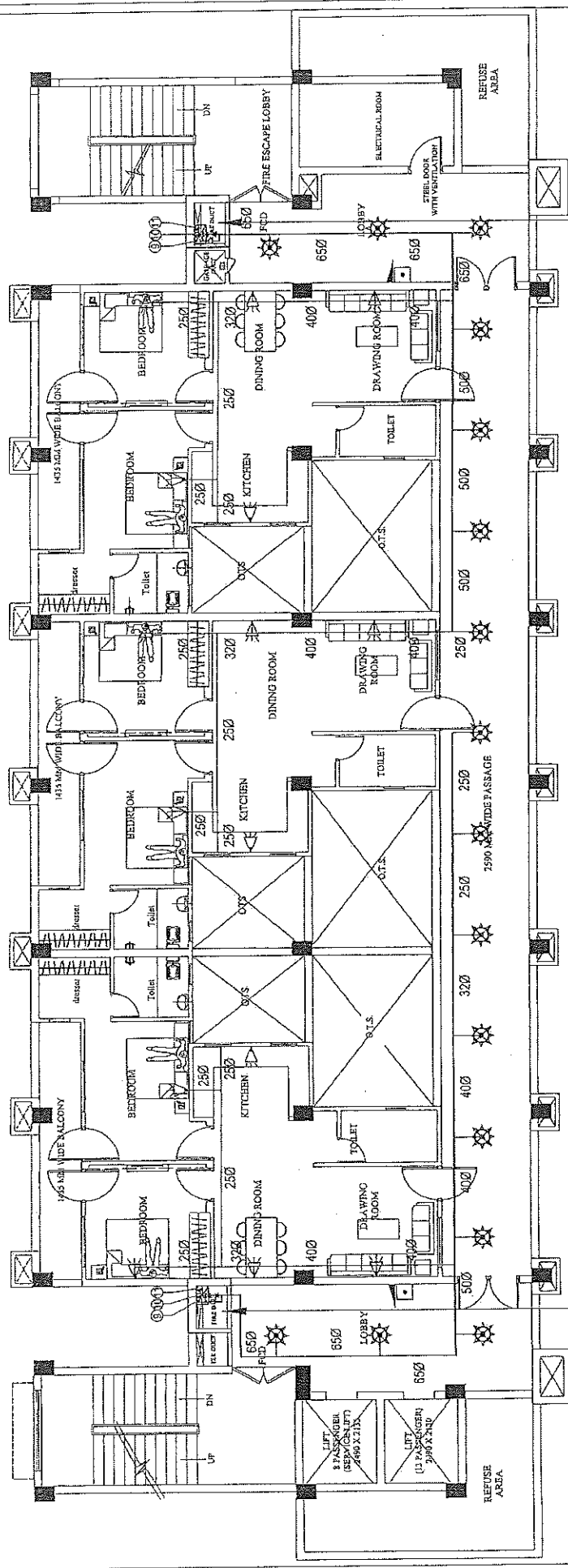
FIRE EXTINGUISHERS COMPRISING OF
1) 4.5 Kg. CO₂ type fire extinguishers
2) 1.5 Kg. water type fire extinguishers
3) 1.5 Kg. foam type fire extinguishers
(Gas pressure) fire extinguishers
complete with bracket, bottle and label
charge no. per IS 140...



PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	AGENCY:- U.P. POLICE AWAS NIGAM LTD.	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- SEVENTH FLOOR PLAN (FIRE FIGHTING SERVICES)	Scale:- 1/8" = 1'-0"	Drawn by:- S. K. SINGH	Checked By:- M. PANT	DATE FEB. 2020
	CLIENT:- HOME DEPARTMENT	ARCHITECTURAL CONSULTANT:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS S52 AGF-110 SECTOR-D RISHANT GOLF CITY SHANDED PATH LUCKNOW-226029 MOBILE-979743311 swastikaarchitect@gmail.com	SHR & PHIL SHRI R. K. SHARMA PHILIP J. HILL 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100				

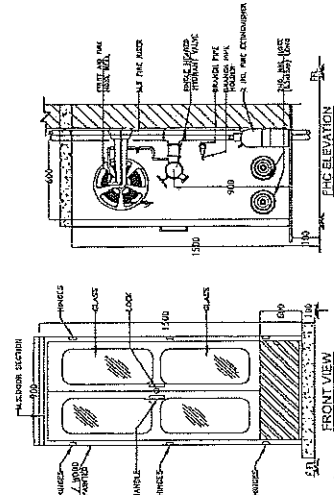
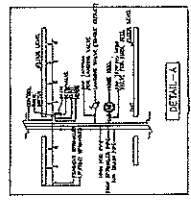
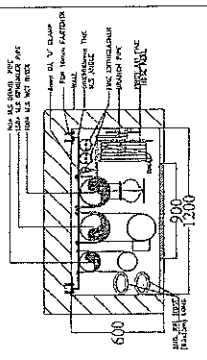
286

154



PRATHY LA KJMAR GUPTA
(B Arch, M Plan)
CAN 50343652

SPACE FOR DOWN COMER/WET RISER
FIRE EXTINGUISHERS COMPRISE OF
a) 45 Kg. CO2 type fire extinguishers
b) 6 Kg. A.B.C. type fire extinguishers
(1500 HYDRANT PIPE)
c) 1000 HYDRANT PIPE
d) BUTTERFLY VALVE
e) TEST ASSEMBLY
f) FLOW SWITCH
g) FIRE HOSE CABINET



SPACE FOR DOWN COMER/WET RISER
FIRE EXTINGUISHERS COMPRISE OF
a) 45 Kg. CO2 type fire extinguishers
b) 6 Kg. A.B.C. type fire extinguishers
(1500 HYDRANT PIPE)
c) 1000 HYDRANT PIPE
d) BUTTERFLY VALVE
e) TEST ASSEMBLY
f) FLOW SWITCH
g) FIRE HOSE CABINET

FIRE EXTINGUISHERS COMPRISE OF
a) 45 Kg. CO2 type fire extinguishers
b) 6 Kg. A.B.C. type fire extinguishers
(1500 HYDRANT PIPE)
c) 1000 HYDRANT PIPE
d) BUTTERFLY VALVE
e) TEST ASSEMBLY
f) FLOW SWITCH
g) FIRE HOSE CABINET

S. NO	SYMBOL	DESCRIPTION
1	⊗	PENDENT SPRINKLER
2	⊙	UPRIGHT SPRINKLER
3	⊠	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	—	800 DEAN PIPE
7	—	1500 SPRINKLER PIPE
8	—	1000 HYDRANT PIPE
9	—	1000 HYDRANT PIPE
10	—	BUTTERFLY VALVE
11	—	TEST ASSEMBLY
12	—	FLOW SWITCH
13	—	FIRE HOSE CABINET

PROJECT: PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.

AGENCY: U.P. POLICE A WAS NIGAM LTD.

CLIENT: HOME DEPARTMENT

DRAWING TITLE: EIGHTH FLOOR PLAN (FIRE FIGHTING SERVICES)

DATE: FEB/2005

SCALE: 1/4" = 1'-0"

DESIGNED BY: M. TANDI

CHECKED BY: M. TANDI

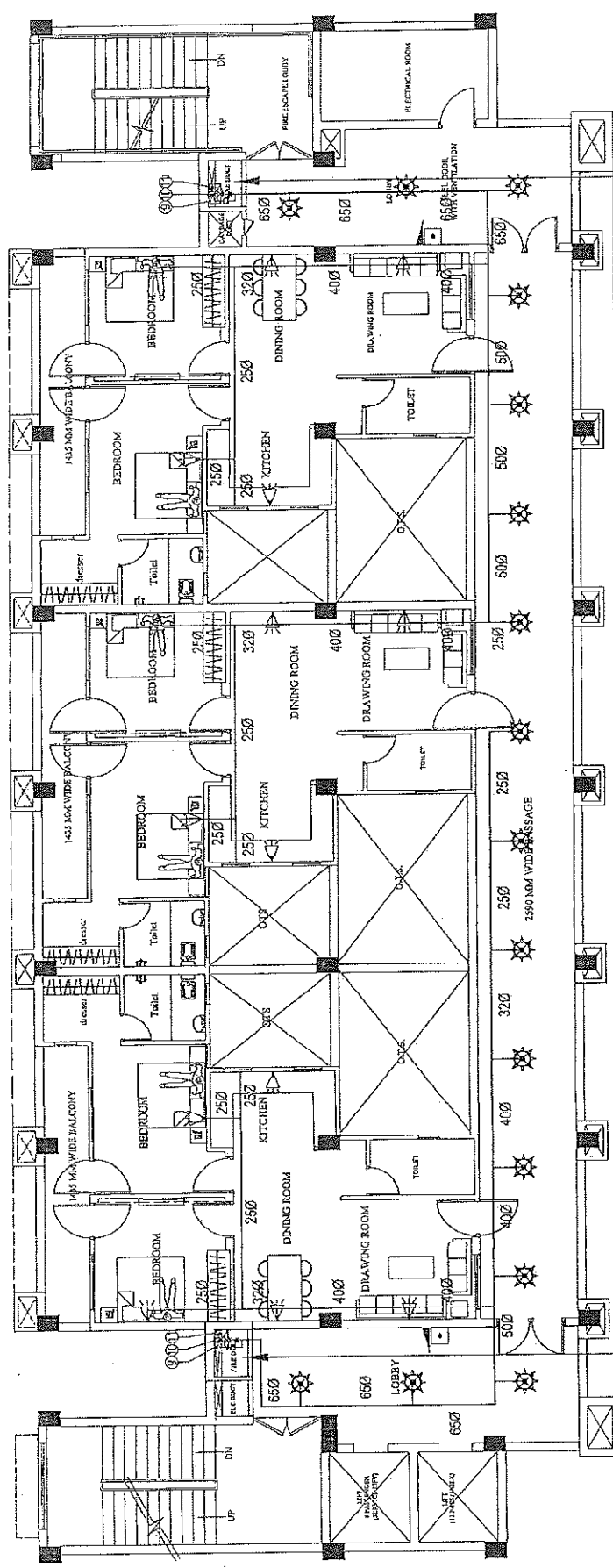
APPROVED BY: M. TANDI

ARCHITECTURAL CONSULTANTS: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS 55-2 AGT-111 SECTOR-20, SUKHANU GOLF CITY SHAHEED PATH LUCKNOW-226002, swastikaarchitect@gmail.com

SHRISH & PRIT

155

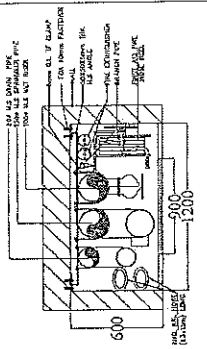
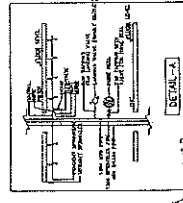
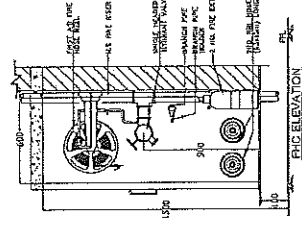
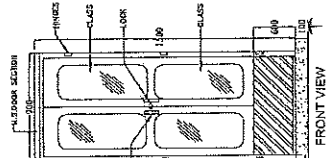
207



SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
 WITH FOLLOWINGS:-
 1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 2) ONE NOS. 20 MM DIA 30 METER LONG ROSE REEL
 3) TWO NOS. 20 MM DIA 30 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
 WITH FOLLOWINGS:-
 1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 2) ONE NOS. 20 MM DIA 30 METER LONG ROSE REEL
 3) TWO NOS. 20 MM DIA 30 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

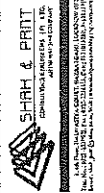
FIRE EXTINGUISHERS COMPOSING OF
 a) 4.5 Kg. CO2 type fire extinguishers
 1.51 marked.
 b) 6 Kg. A.B.C. type fire extinguishers
 1.51 marked.
 c) 1.5 Kg. fire extinguishers
 (One extra) fire extinguishers
 complete with bracket, belt and inlet
 charge as per IS 940.

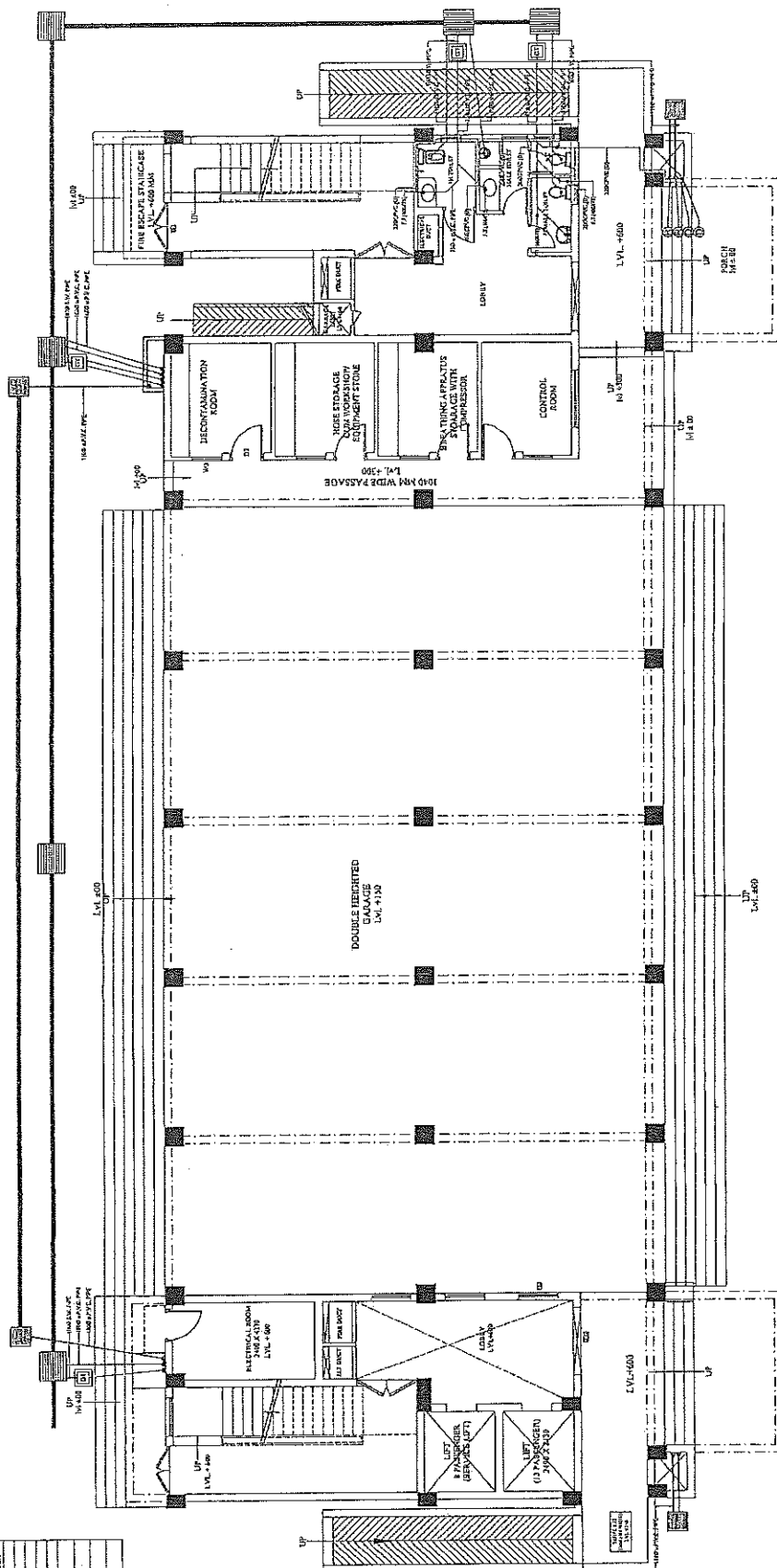


LEGEND:-	SNO	SYMBOL	DESCRIPTION
1	1	⊙	PENDANT SPRINKLER
2	2	⊙	UPRIGHT SPRINKLER
3	3	⊙	SIDE WALL SPRINKLER
4	4	—	BRANCH PIPE
5	5	—	MAIN SPRINKLER PIPE
6	6	⊙	900 DRAIN PIPE
7	7	⊙	1500 SPRINKLER PIPE
8	8	⊙	1000 HYDRANT PIPE
9	9	⊙	BUTTERFLY VALVE
10	10	⊙	TEST ASSEMBLY
11	11	⊙	FLOW SWITCH
12	12	⊙	FIRE HOSE CABINET

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.		AGENCY:- U.P. POLICE AWAS NIGAM LTD. HOME DEPARTMENT		CLIENT:- U.P. POLICE AWAS NIGAM LTD. HOME DEPARTMENT	
DRAWING TITLE:- NINTH FLOOR PLAN (FIRE FIGHTING SERVICES)		DATE: FEB. 1, 2026		BY: S. K. S.	
DESIGNED BY: S. K. S.		CHECKED BY: S. K. S.		DATE: FEB. 1, 2026	
ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGE-118 SECTOR-D SURSHANT GOLF CITY SHAHEED PATH LUCKNOW-226024. MOBILE 9794343111 swastikaarchitect@gmail.com		SCALE: 1/8" = 1'-0"		PROJECT NO.: 155	
DATE: FEB. 1, 2026		BY: S. K. S.		DATE: FEB. 1, 2026	

PRAPHULLA KUMAR GUPTA
 (B.Arch, M.Plan)
 CA/2008/43652



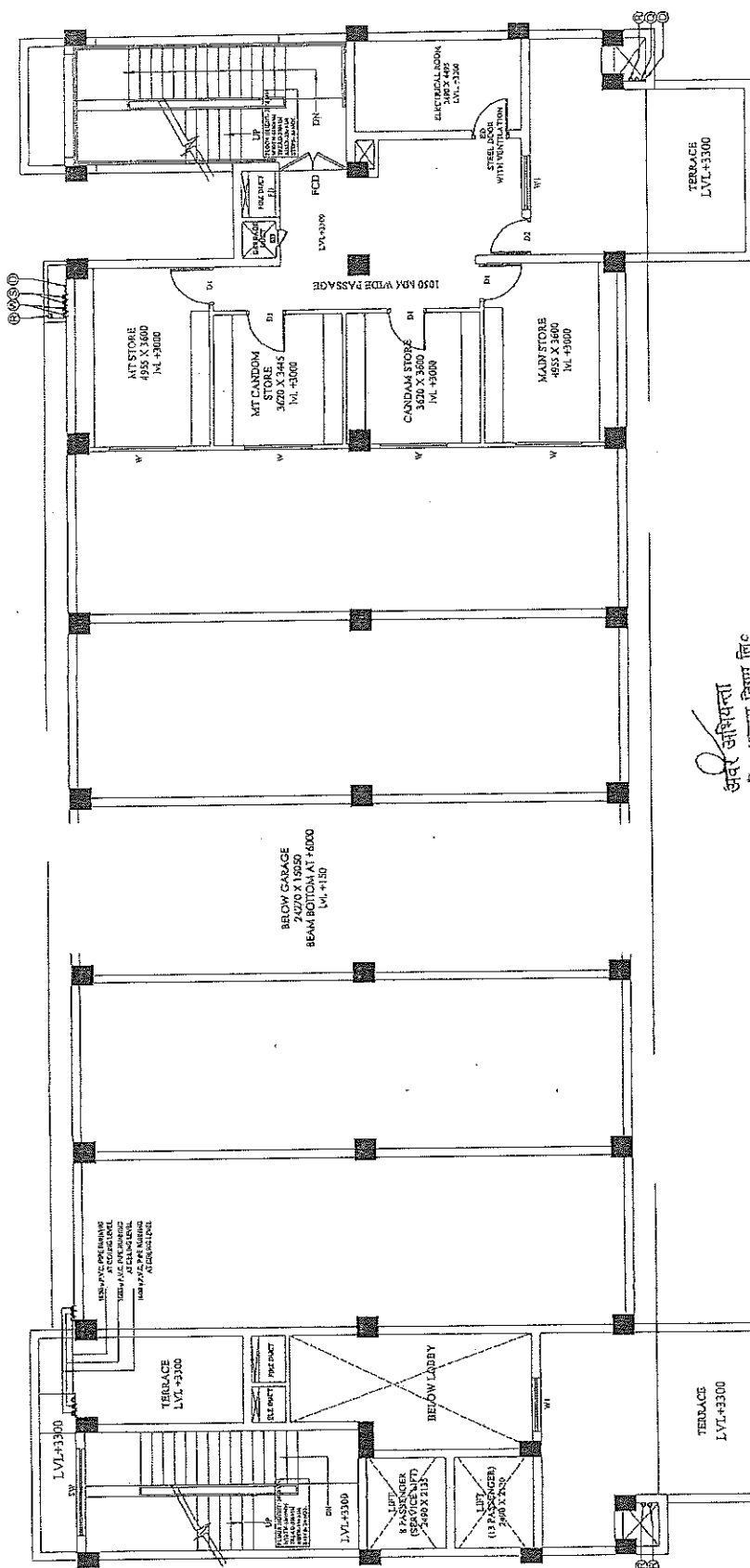


PRAPHULLAKUMAR GUPTA
(B.Arch, M.Planning)
CA/2008/43652

अवर अभियन्ता
पुलिस आवास निगम लि०
पु.अ.अ.० मुंबई महानगर
मुंबई महानगर
लि.०

[illegible]

PROJECT:-	AGENCY:-	BUILDING:-	DRAWING TITLE:-	C.M.:-	Scale	Drawn by	ARCHITECTURAL CONSULTANTS:-
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	U.P. POLICE AWAS NIGAM LTD.	FIRE STATION (3/4 UNITS)	GROUND FLOOR PLAN (PLUMBING SERVICES)	P.M.:-	FS=3/4U/PS/CS	P-14	SWASTIKA ARCHITECTURAL CONSULTANTS SRI AGF-118 SECTOR 9 DUSHANT GOLF CITY SHAHED PATH JACKSON-224012, MOBILE-979434331 PUSHPANAGAR, DELHI-110048.
	CLIENT:-	HOME DEPARTMENT		S.K.E.:-	41100	Checked By	SHAH & PAIT Architects & Engineers C-10, Sector-10, Gurgaon, Haryana-122001 E-mail:- shahpaits@gmail.com Mobile:- 98100 78888, 98100 78889, 98100 78890, 98100 78891
					Date	FEB/2025	



अवर अभियन्ता

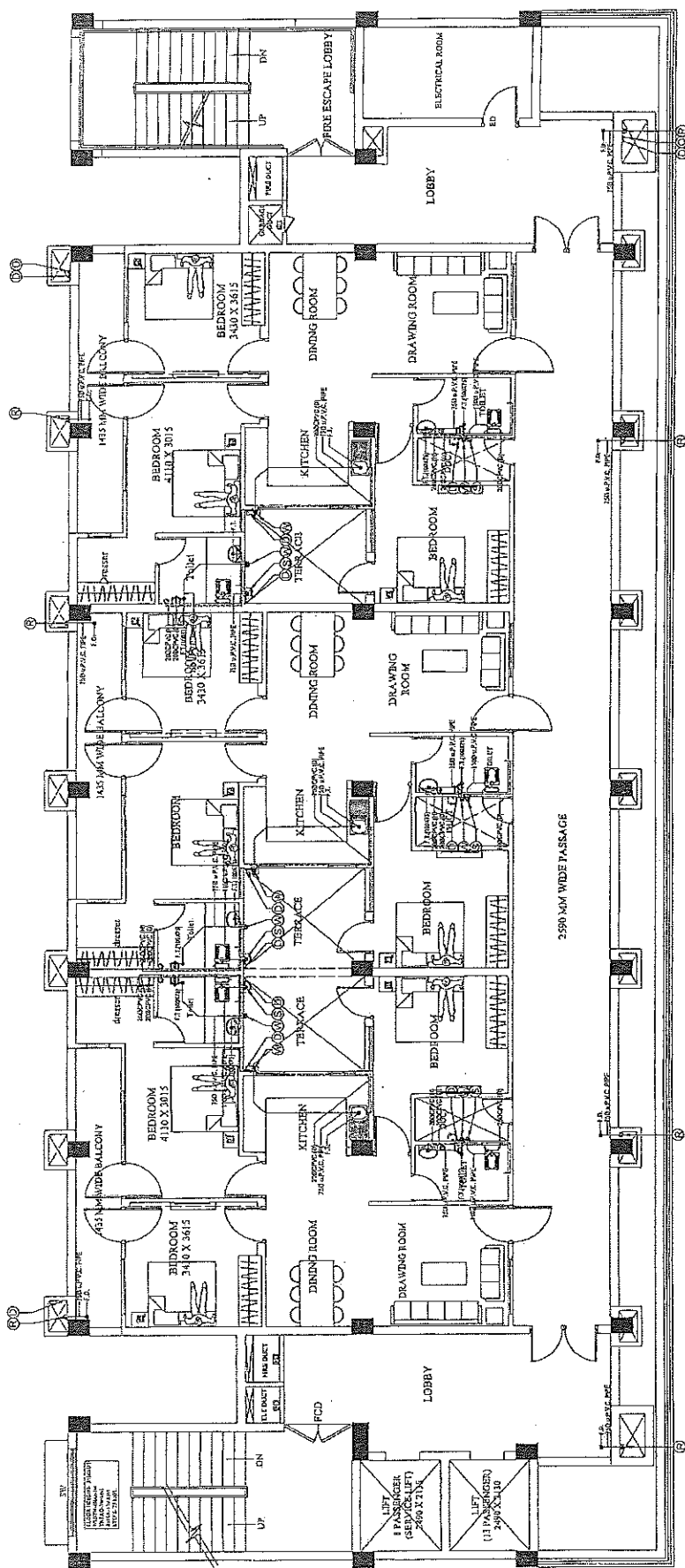
PIPE LEGEND	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	REMARKS
1	1/2" PVC PIPE FOR SOIL AND WENT	150	M	1.50	225.00	
2	1/2" PVC PIPE FOR WASTE AND VENT	150	M	1.50	225.00	
3	1/2" PVC 90° ELBOW	10	PC	1.00	10.00	
4	1/2" PVC 90° ELBOW	10	PC	1.00	10.00	
5	1/2" PVC PIPE FOR DOMESTIC DRAINAGE	150	M	1.50	225.00	
6	1/2" PVC PIPE FOR DOMESTIC DRAINAGE	150	M	1.50	225.00	
7	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
8	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
9	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
10	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
11	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
12	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
13	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
14	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
15	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
16	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
17	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
18	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
19	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
20	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
21	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
22	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
23	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
24	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
25	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
26	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
27	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
28	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
29	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
30	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
31	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
32	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
33	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
34	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
35	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
36	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
37	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
38	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
39	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
40	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
41	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
42	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
43	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
44	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
45	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
46	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
47	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
48	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
49	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
50	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
51	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	
52	1/2" PVC PIPE FOR DOMESTIC TANK FLUING	150	M	1.50	225.00	

QTY	UNIT	PRICE	TOTAL	REMARKS
150	M	1.50	225.00	WASTE WATER PIPE
150	M	1.50	225.00	WASTE WATER PIPE
10	PC	1.00	10.00	90° ELBOW
10	PC	1.00	10.00	90° ELBOW
150	M	1.50	225.00	FLOORS DRAIN (1/2" DRAIN ORATING)
150	M	1.50	225.00	FLOOR TRAP (1/2" DRAIN)
150	M	1.50	225.00	FLOOR TRAP (1/2" DRAIN)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
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150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
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150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
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150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
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150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50	225.00	WATER SUPPLY (1/2" W.P.)
150	M	1.50		

PRAPHULLA KUMAR GUPTA
(E-Arch, M.Plan)
CAY200843652

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
पुणे ४०

PROJECT:-	AGENCY:-	BUILDING:-	DRAWING TITLE:-	G.M. :-	Prep. No.	Issued by	ARCHITECTURAL CONSULTANTS :-	Services Available :-
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	U.P. POLICE AWAS NIGAM LTD.	FIRE STATION (3/4 UNITS)	FIRST FLOOR PLAN (PLUMBING SERVICES)	P. No. :-	FS-24/1/PS/2018-15	Drawn by	SWASTIKA	
				S.E.E. :-	Scale	Checked By	ARCHITECTS & INTERIOR DESIGNERS	
					64-100		35-4 AGH-119 SECTOR-2 SUSHANT GOLF CITY, SHARDA PETH LUCKNOW 226029.	SHRI & PRIYI CONSULTANTS 10/10, Sector-10, Gurgaon, Haryana 101, Street No. 10, Sector-10, Gurgaon, Haryana 101, Street No. 10, Sector-10, Gurgaon, Haryana
	CLIENT:- HOME DEPARTMENT				Date		swastikaemail@gmail.com	
					FEB/2018		M. PANTI	

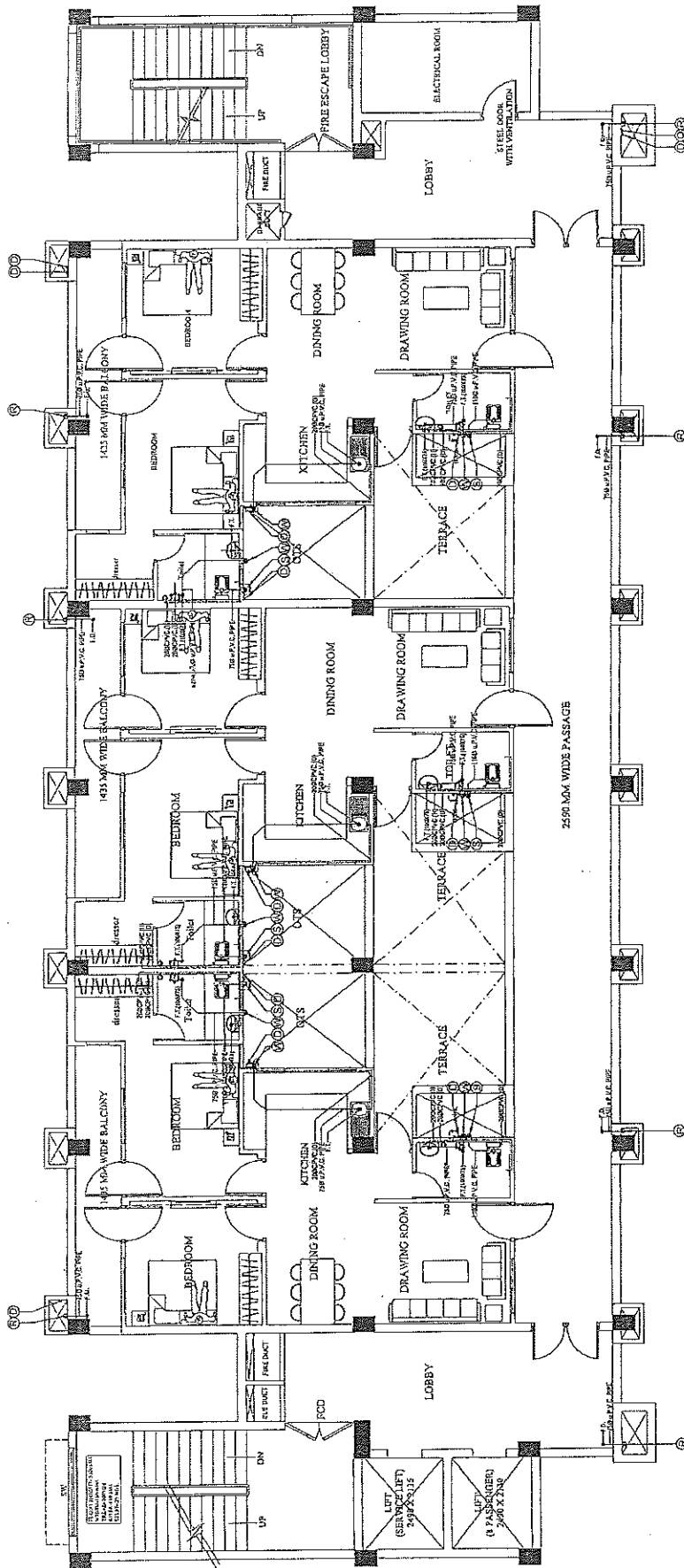


SYMBOL	DESCRIPTION
(A) (1)	1/100 UPVC PIPE FOR SOIL AND WASTE
(A) (2)	1/100 UPVC PIPE FOR HOT WATER AND VENT
(A) (3)	1/100 UPVC PIPE FOR COLD WATER AND VENT
(A) (4)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (5)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (6)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (7)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (8)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (9)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (10)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (11)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (12)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (13)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (14)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (15)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (16)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (17)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (18)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (19)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (20)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (21)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (22)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (23)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (24)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (25)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (26)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (27)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (28)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (29)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (30)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (31)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (32)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (33)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (34)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (35)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (36)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (37)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (38)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (39)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (40)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (41)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (42)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (43)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (44)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (45)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (46)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (47)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (48)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (49)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (50)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (51)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (52)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (53)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (54)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (55)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
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(A) (58)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (59)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (60)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (61)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (62)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (63)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (64)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (65)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (66)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (67)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (68)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (69)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (70)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (71)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (72)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (73)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (74)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (75)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (76)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (77)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (78)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (79)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (80)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (81)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (82)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (83)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (84)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (85)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (86)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (87)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (88)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (89)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (90)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (91)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (92)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (93)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (94)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (95)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (96)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (97)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (98)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (99)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (100)	1/100 UPVC PIPE FOR DOMESTIC DRAINAGE

PRABHUL KUMAR GUPTA
Arch. (M. Plan)

सर्वेक्षण समिति
3/3/2019
सर्वेक्षण समिति
3/3/2019
सर्वेक्षण समिति
3/3/2019

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	AGENCY:- U.P. POLICE AWAS NIGAM LTD.	CLIENT:- HOME DEPARTMENT	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- FOURTH FLOOR PLAN (PLUMBING SERVICES)	C.M. :- P.M. :- S.E. :-	D.P. No. ES-3/4/PS/26-19 Scale 1:100 Date FEB/2020	ARCHITECTURAL CONSULTANTS :- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS B-2 AG-110 SECTOR-10 SUSAPAT GOLF CITY SHAMBAHAI, DELHI-110028 MOBILE: 979243311 swastikaarchitect@gmail.com	SHRIL & PRIET CONSULTANTS B-2 AG-110 SECTOR-10 SUSAPAT GOLF CITY SHAMBAHAI, DELHI-110028 MOBILE: 979243311 swastikaarchitect@gmail.com



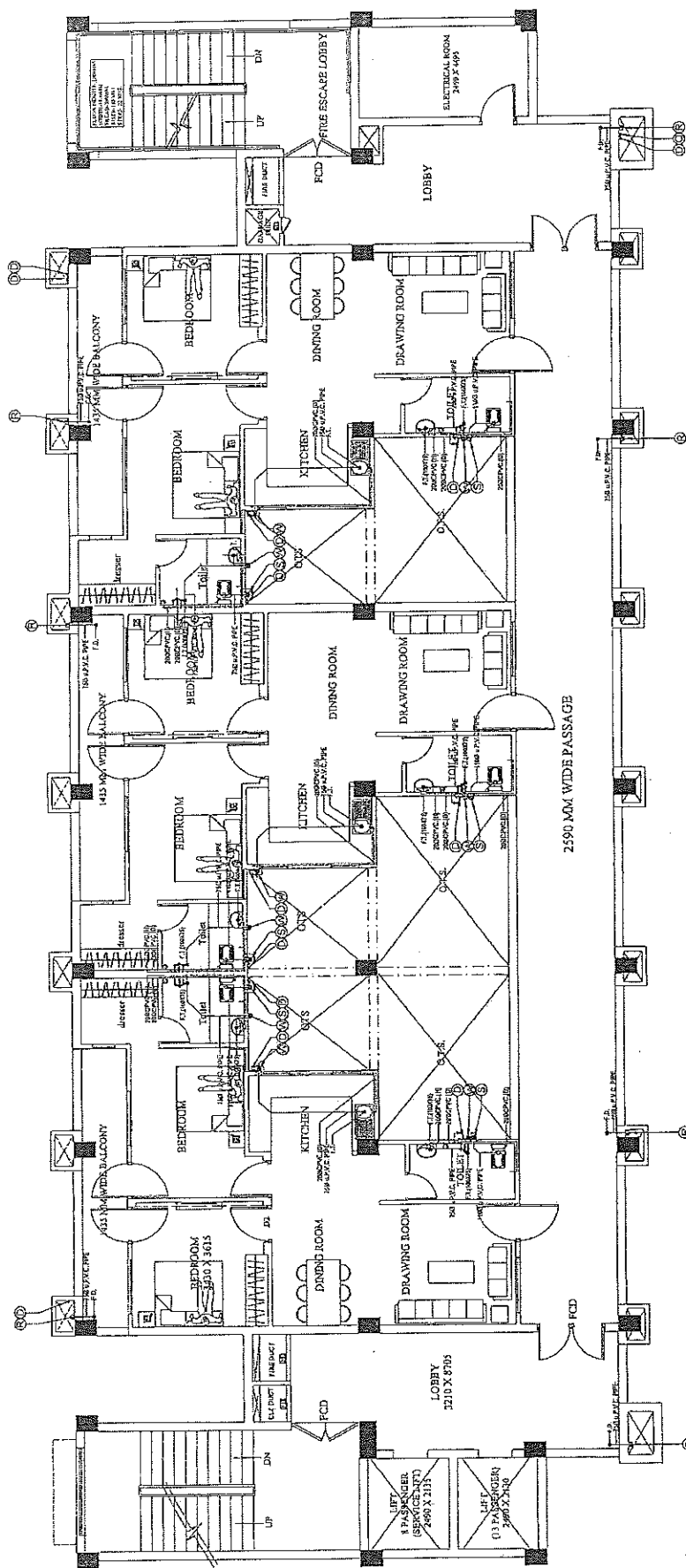
PRATUL KUMAR GUPTA
(R. Arch, M. Plan)
CA/2008/43632

अवर अभियन्ता
उक्त पुलिस अवास निगम लि.
निर्माण इकाई-बडगाँव


सहायक अभियन्ता
उक्त पुलिस अवास निगम लि.
निर्माण इकाई-बडगाँव

SYMBOL	DESCRIPTION
1	1000 WIDE PIPE FOR WASTE AND VENT
2	1000 WIDE PIPE FOR WASTE AND VENT
3	1000 WIDE PIPE FOR WASTE AND VENT
4	1000 WIDE PIPE FOR WASTE AND VENT
5	1000 WIDE PIPE FOR WASTE AND VENT
6	1000 WIDE PIPE FOR WASTE AND VENT
7	1000 WIDE PIPE FOR WASTE AND VENT
8	1000 WIDE PIPE FOR WASTE AND VENT
9	1000 WIDE PIPE FOR WASTE AND VENT
10	1000 WIDE PIPE FOR WASTE AND VENT
11	1000 WIDE PIPE FOR WASTE AND VENT
12	1000 WIDE PIPE FOR WASTE AND VENT
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14	1000 WIDE PIPE FOR WASTE AND VENT
15	1000 WIDE PIPE FOR WASTE AND VENT
16	1000 WIDE PIPE FOR WASTE AND VENT
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93	1000 WIDE PIPE FOR WASTE AND VENT
94	1000 WIDE PIPE FOR WASTE AND VENT
95	1000 WIDE PIPE FOR WASTE AND VENT
96	1000 WIDE PIPE FOR WASTE AND VENT
97	1000 WIDE PIPE FOR WASTE AND VENT
98	1000 WIDE PIPE FOR WASTE AND VENT
99	1000 WIDE PIPE FOR WASTE AND VENT
100	1000 WIDE PIPE FOR WASTE AND VENT


PROJECT: PROPOSED CONSTRUCTION OF FIRE STATION (34 UNIT) AT DIFFERENT PLACES IN U.P.		AGENCY: U.P. POLICE A WAS NIGAM LTD. CLIENT: HOME DEPARTMENT		BUILDING: FIRE STATION (34 UNITS)		DRAWING TITLE: FIFTH FLOOR PLAN (PLUMBING SERVICES)		DATE: FEB/2026		SCALE: AS SHOWN		DESIGNED BY: M. PANI		CHECKED BY: M. PANI		DATE: FEB/2026		ARCHITECTURAL CONSULTANTS: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS S6-2 AGF-110 SECTOR-D SUBHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE 9799435111 swastikarchitect@gmail.com		SIGNATURE & PRINT: Swastika Architects & Interior Designers S6-2 AGF-110 SECTOR-D SUBHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE 9799435111 swastikarchitect@gmail.com	
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PRAMOD K. SHARMA GUPTA
(98681 16720)
C85930-3552

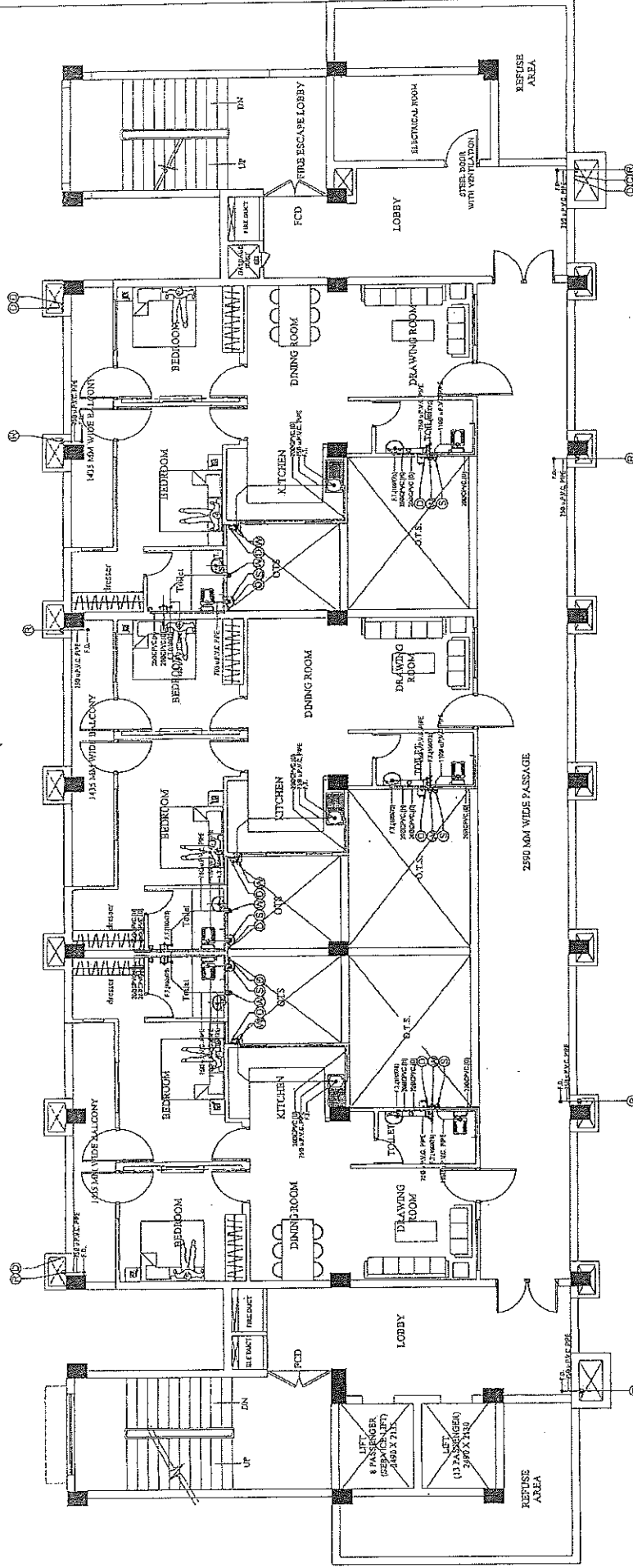

 सहायक अभियन्ता
 दु. प्र. पुलिस आवास निगम लि.
 नवीपन इकाई

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PROJECT:-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	AGENCY:-	U.P. POLICE AWAS NIGAM LTD.	BUILDING:-	FIRE STATION (3/4 UNITS)	DRAWING TITLE:-	SEVENTH FLOOR PLAN (PLUMBING SERVICES)	P.M.:-	S.K.S.	DATE	25-2/2023	DRWN BY	ASIF	ARCHITECTURAL CONSULTANTS:-	SWASTIKA ARCHITECTS & INTERIOR DESIGNERS 55-A AG-11H SECTOR-10 SUBSECTOR-10 ROHTAK CITY HARYANA-124001 MOBILES-9799433511 www.swastikaarchitects@gmail.com	 SHIKH & PANI <small>DESIGNERS AND ARCHITECTS</small> <small>1. A REGISTERED ARCHITECTS FIRM AS PER THE ARCHITECTS ACT, 1947</small> <small>2. A REGISTERED INTERIORS FIRM AS PER THE INTERIORS ACT, 1997</small>
		CLIENT:-	HOME DEPARTMENT								FEB/2023				M. PANI	

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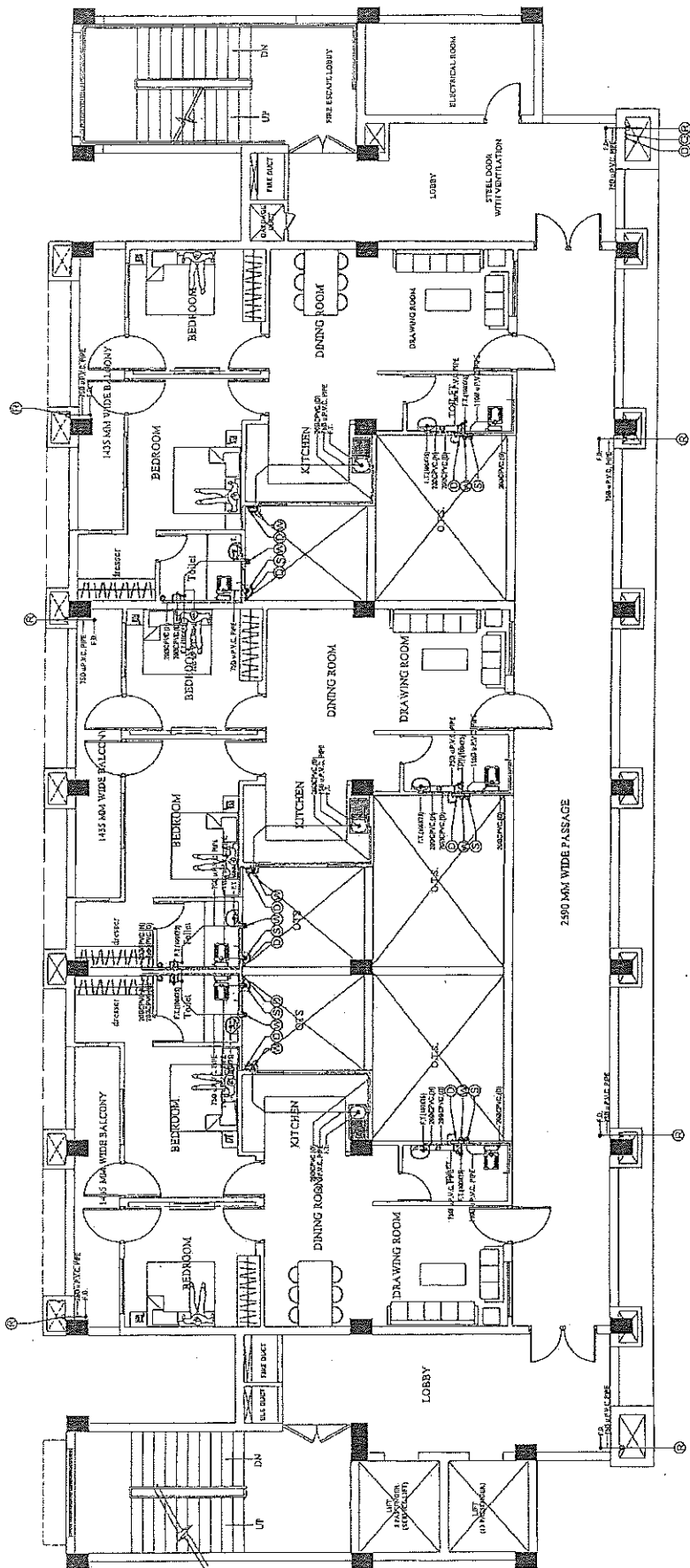
PRASHUL KUMAR GUPTA
Arch. (M Plan)
CA 2002/43652

सहायक अभियंता
सहायक आवास निगम लि.
दु. प्र. पुनिस आवास निगम लि.
निर्माण इकाई

अवर अभियंता
अवर आवास निगम लि.
सहायक पुनिस आवास निगम लि.
निर्माण इकाई

ITEM NO.	DESCRIPTION
1	1500 MM DIA FIRE FOR SOIL AND VENT
2	1500 MM DIA FIRE FOR WASTE AND VENT
3	1500 MM DIA FIRE FOR WASTE AND VENT
4	1500 MM DIA FIRE FOR WASTE AND VENT
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99	1500 MM DIA FIRE FOR WASTE AND VENT
100	1500 MM DIA FIRE FOR WASTE AND VENT

PROJECT: PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.		AGENCY: U.P. POLICE AWAS NIGAM LTD. CLIENT: HOME DEPARTMENT		BUILDING: FIRE STATION (3/4 UNITS)		DRAWING TITLE: EIGHTH FLOOR PLAN (PLUMBING SERVICES)		DATE: FEB 1, 2023		DESIGNED BY: P. K. GUPTA		CHECKED BY: M. PANT		ARCHITECTURAL CONSULTANTS: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 ACF-110 SECTOR-D SURSHANT GOLF CITY SHAHED PATH LUCKNOW-20029. 9999999999@swastikaarchitects.com		SHR. E. PRATI ARCHITECT & INTERIOR DESIGNER 110 SECTOR-D SURSHANT GOLF CITY SHAHED PATH LUCKNOW-20029. 9999999999@shr.e.prati.com	
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SYMBOL	DESCRIPTION
1	100mm UPVC PIPE FOR SOIL AND VENT
2	100mm UPVC PIPE FOR WASTE AND VENT
3	100mm UPVC PIPE FOR DOMESTIC DOWNTAKE
4	100mm UPVC PIPE FOR DOMESTIC DOWNTAKE
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PRAPHULLA KUMAR GUPTA
(B. Arch, M. Plan)
CA/208/4352

SHR & PENT
ARCHITECTS & INTERIOR DESIGNERS
SS2, 10th FLOOR, D. SUBHANT GOLF CITY
SHAHED PATH, LUDHIANA-141009
MOBILE: 999435111
praphulla@gmail.com

ARCHITECTURAL CONSULTANTS -
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS2, 10th FLOOR, D. SUBHANT GOLF CITY
SHAHED PATH, LUDHIANA-141009
MOBILE: 999435111
swastikaarchitects@gmail.com

Drawn by: ASH
Checked by: M. PANT
Date: FEB/2025

Scale: 1:100
Date: FEB/2025

DRAWING TITLE:-
NINTH FLOOR PLAN
(PLUMBING SERVICES)

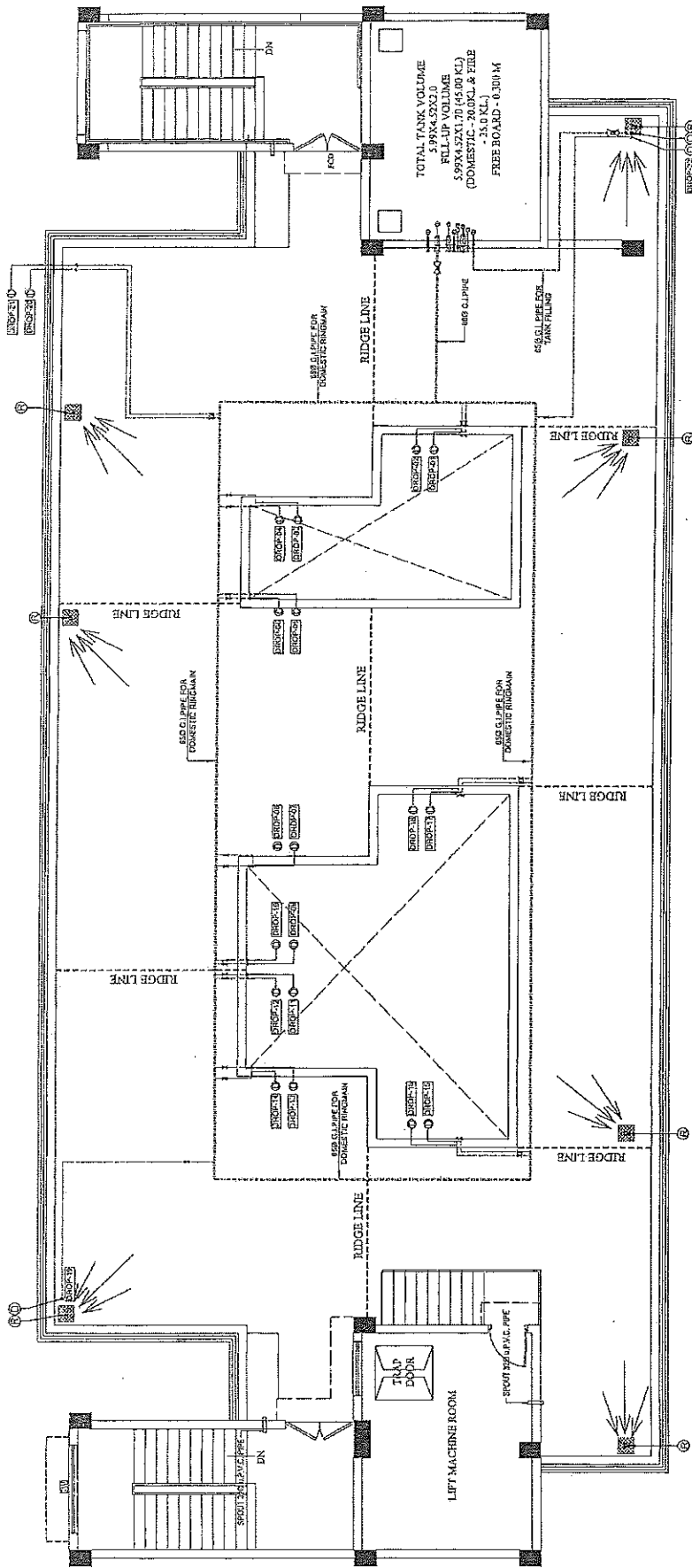
BUILDING:-
FIRE STATION (3/4 UNITS)

AGENCY:-
U.P. POLICE AWAS NIGAM LTD.

CLIENT:-
HOME DEPARTMENT


PROJECT:-
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DIFFERENT PLACES IN U.P.

सर्वेक्षण और निर्माण
सहयोग के बिना निर्माण
नहीं हो सकता है।
सर्वेक्षण और निर्माण
सहयोग के बिना निर्माण
नहीं हो सकता है।



TOTAL TANK VOLUME
5.99X4.52X2.0
FILL-UP VOLUME
5.99X4.52X1.70 (45.00 KL)
(DOMESTIC - 20.0KL & FRI
- 25.0 KL.)
FREE BOARD - 0.300 M

PRAPHULLA KUMAR GUPTA
(B.Arch, M.Planning)
CA/2008/43652


सहायक अभियन्ता
द० प्र० पुलिस आवास निगम लि०
भुवनेश्वर, इलाहाबाद

[illegible]

PROJECT:-

AGENCY:-

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DIFFERENT PLACES IN U.P.

U.P. POLICE AWAS NIGAM LTD.

HOME DEPARTMENT

NG:-

FIRE STATION (3/4 UNITS)

DRAWING TITLE!

**TERRACE FLOOR PLAN
(PLUMBING SERVICES)**

G.M. :-

REFERENCES

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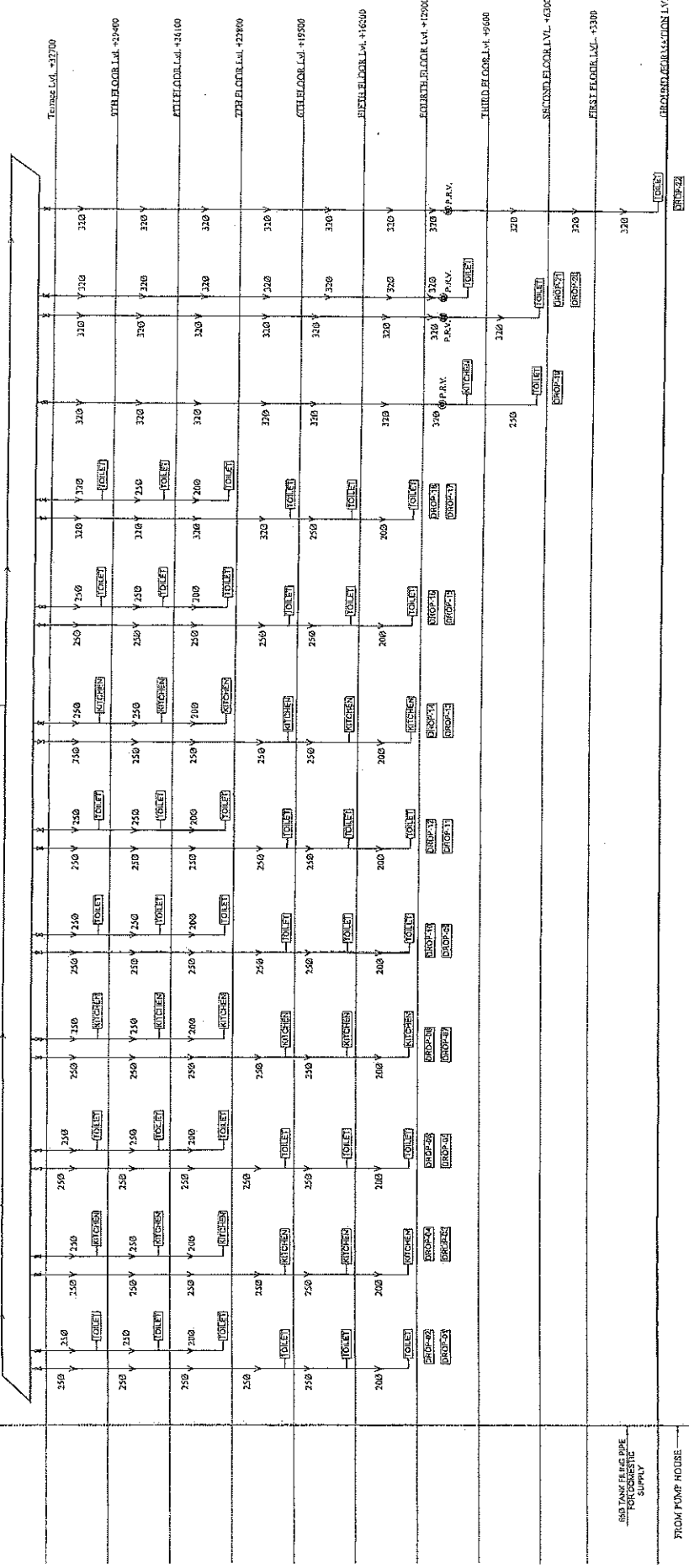
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ARCHITETTURA CONSULTANTS

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR -D SUSHAN
BUILT FOR A NEW FUTURE

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~~PRAPNULAKUMAR GUPTA
(B.Arch, M.Planning)
CA2809043652~~

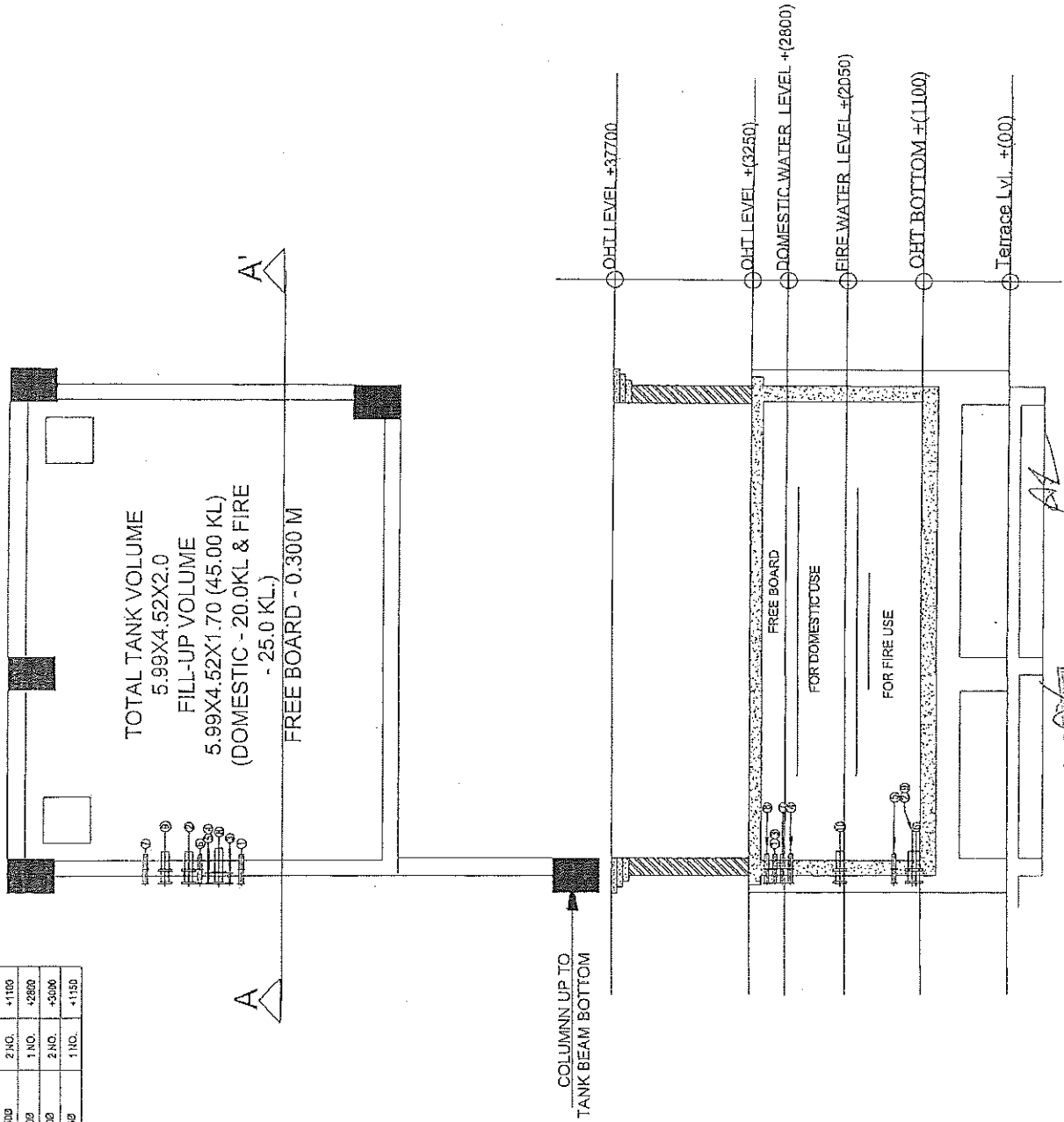
अवर अभियन्ता
२०४० मुस्ताक अवास्त निगम लि.
मुस्ताक अवास्त निगम लि.
३५ गी. सु. विमानतट

१७/०६/२०१८

१७/०६/२०१८

PROJECT:-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.					
AGENCY:-	U.P. POLICE AWA NIGAM LTD. CLIENT:- HOME DEPARTMENT					
BUILDING:-	FIRE STATION (3/4 UNITS)					
DRAWING TITLE:-	WATER SUPPLY SCHEMATIC (PLUMBING SERVICES)					
DATE:-			Scale:-	AS-100		Date
DRG. No.			Scale	FS-3/4U/P/S/SP-25		Drawn by
DESIGNER:-	P.M.-		S.E.C.-	ASE		Checked By
ARCHITECTURAL CONSULTANTS :-	SWASTIKA ARCHITECTURAL CONSULTANTS 85/2 AGF-10/SECTOR-7, LUDHIANA CITY SHAHDAD PATH, LUDHIANA-140002, MOBILE-9793453511 swardentalrealite@gmail.com ,					
Services/Consultant :-	 SHRI & PRIYI ENGINEERING PRACTICES, Ltd. <small>Plot No. 10, Sector-10, Gurgaon, Haryana - 122001 Phone : +91-122-4161111, Fax : +91-122-4161112, E-mail : shripriyiconsultants@yahoo.co.in</small>					

NO.	DESCRIPTION	SLEEVE SIZE	QTY.	LVL.
1.	INLET PIPE FROM U.S.T	650	1 NO.	+2800
2.	SUCTION PIPE FROM FIRE TANK	1000	1 NO.	+1150
3.	LEVEL CONTROLLER	250	2 NO.	+2800
4.	LEVEL INDICATOR (TOP)	250	2 NO.	+2700
5.	LEVEL INDICATOR (BOTTOM)	250	2 NO.	+1400
6.	DRAIN PIPE	500	2 NO.	+1100
7.	OVER FLOW PIPE	800	1 NO.	+2800
8.	AIR VENT	500	2 NO.	+3000
9.	SUCTION PIPE FROM DOMESTIC TANK	650	1 NO.	+1150



PROJECT :-

PROPOSED CONSTRUCTION OF
FIRE STATION (34 UNIT)
AT DIFFERENT PLACES IN U.P.

CLIENT :-

HOME DEPARTMENT

BUILDING :-

DRG. TITLE :-

O.H.T.

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS ARE TO BE FOLLOWED UNLESS NOTED OTHERWISE.
3. THIS DRAWING IS THE PROPERTY OF M/S. SWASTIKA ARCHITECTS & ENGINEERS. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL LAYOUT MAY VARY AT THE DISCRETION OF THE ARCHITECT.
6. ALL THE DIMENSIONS ARE TO BE TAKEN FROM THE EXISTING STRUCTURE.
7. INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE PROJECT DOCUMENTS.
8. OTHER ANY REQUIRED JUNCTION OTHER SERVICES CHARGE WILL BE PROVIDED AS PER REQUIREMENT.
9. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.
10. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.
11. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.
12. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.
13. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.
14. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.
15. THE DRAWING IS TO BE USED ONLY AS PER THE CONTRACT DOCUMENTS.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM

DATE :-

DRG. NO. :-

AR-1P

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

PRAPHULLA KUMAR GUPTA

(B.Arch, M.Plant)

PRASHANT KUMAR GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & ENGINEERS

SS-7, AGE-110, SECTOR-10, DUSSEHA COLONY, COIL CITY

SHAHED PATH LUCKNOW-226029

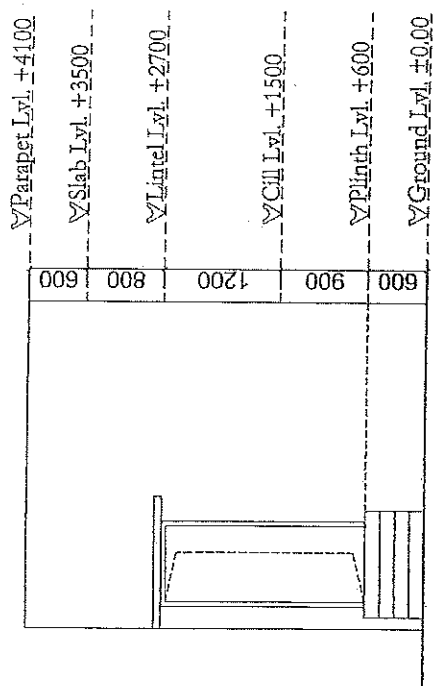
MOBILE-9793433311

swastikaarchitects@gmail.com

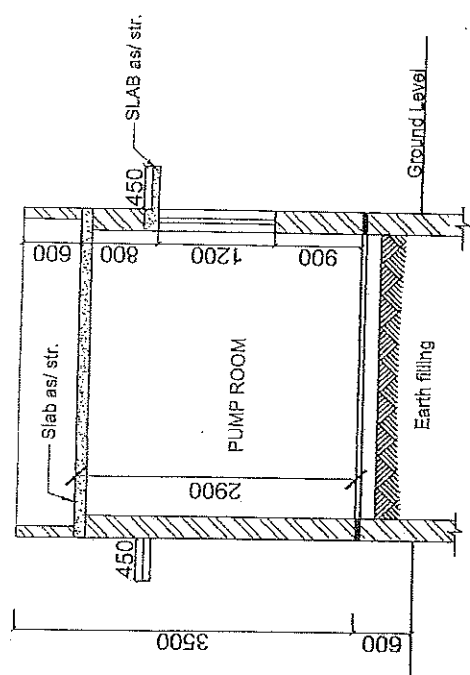
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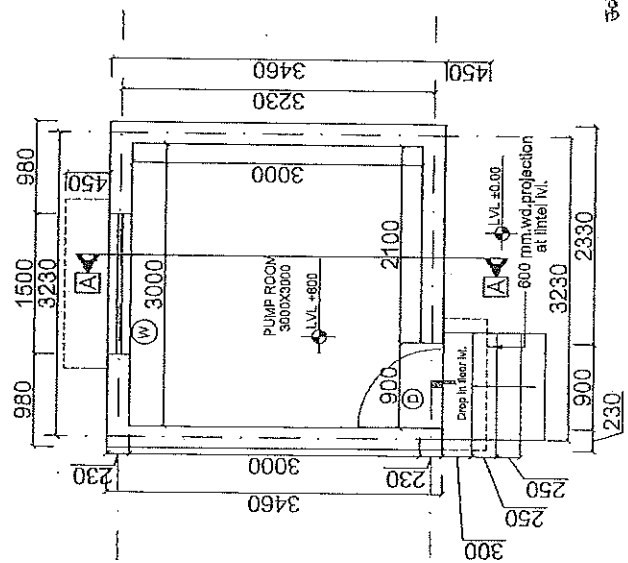
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. - UNNAO (U.P.)		CLIENT :- HOME DEPARTMENT		BUILDING :-		DRAWING TITLE :- PUMP ROOM DETAIL		NOTES :- 1. THIS DRAWING IS TO BE FOLLOWED AS PER THE FOLLOWING DRAWING NOT RECALLED. 2. THE DRAWING IS THE PROPERTY OF SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. 3. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. 4. ANY USE OF THIS DRAWING FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE IS TO BE PROHIBITED TO THE ARCHITECT. 5. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING OR FOR THE SAFETY OF THE BUILDING OR FOR THE SAFETY OF THE PEOPLE. 6. ALL THE DIMENSIONS ARE GIVEN IN METERS AND MILLIMETERS. 7. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING OR FOR THE SAFETY OF THE BUILDING OR FOR THE SAFETY OF THE PEOPLE. 8. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING OR FOR THE SAFETY OF THE BUILDING OR FOR THE SAFETY OF THE PEOPLE. 9. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING OR FOR THE SAFETY OF THE BUILDING OR FOR THE SAFETY OF THE PEOPLE. 10. THE ARCHITECT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE BUILDING OR FOR THE SAFETY OF THE BUILDING OR FOR THE SAFETY OF THE PEOPLE.	
MANAGER (ARCH) :-		G.M. :-		CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM		DATE :-		DRG. NO. :- AR-01	
SCALE :-		NORTH :-		DEALT BY :-		ARCHITECT :-		PRASHANT KUMAR GUPTA (B.Arch, M.Plant)	
PRASHANT KUMAR GUPTA		ARCHITECTURAL CONSULTANT		SWASTIKA		ARCHITECTS & INTERIOR DESIGNERS		SS-2 AGF-110 SECTOR-D BUSHANT GOLF CITY STANHEED PATH LUCKNOW-226029, MOBILE #973445311 swastikaarchitects@gmail.com	



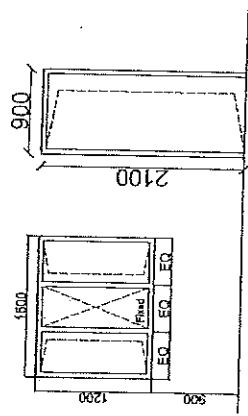
FRONT ELEVATION



SECTION AT AA'



GROUND FLOOR PLAN
AREA-11.97 SQM



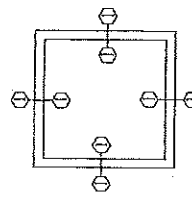
DOOR WINDOW DETAIL

स्वर अभियंता
उप-प्रमुख अभियंता
निर्माण इकाई-सदर

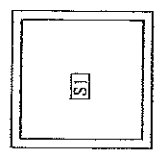
सहायक अभियंता

उप-प्रमुख अभियंता

निर्माण इकाई-सदर

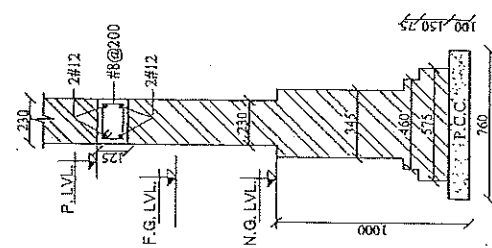


FOUNDATION PLAN

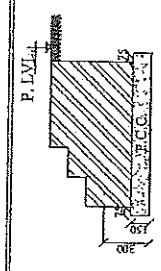
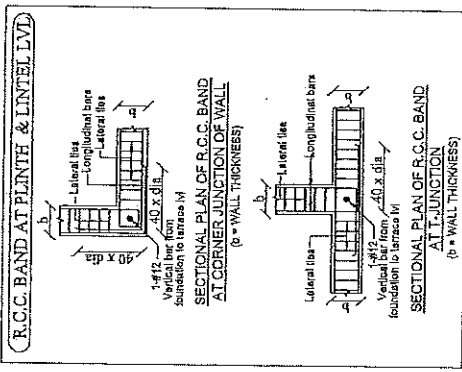


DETAIL OF GROUND FLOOR SLAB

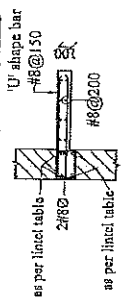
(i.e. terrace lvl.)



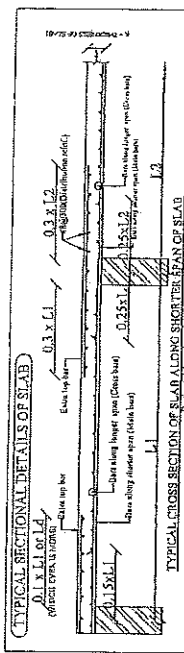
SEC. AT 1 - 1



DETAIL OF STEPS AT ENTRANCE



230, 450-600MM,
SUNSHADES/CHAJJAS



TYPICAL SECTIONAL DETAILS OF SLAB

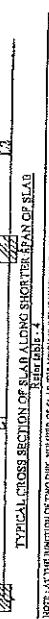
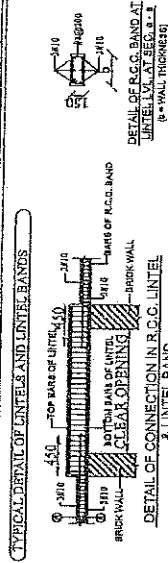


TABLE 4. DETAILS OF SLAB REINFORCEMENT

[illegible]

Note-There is no curtailment in bottom bar in case of one way slab.

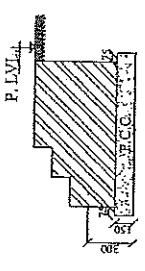


TYPICAL DETAIL OF LINTELS AND LINTEL BANDS

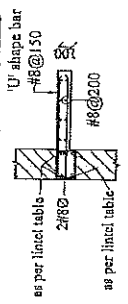
TABLE-1. DETAIL OF LINTELS FOR DOOR / WINDOW LINTELS:

FOR 210 TH WALL				FOR 113 TH WALL			
1	DOOR / WINDOW / OPENING (L X B X D)	Use Count	Longitudinal Reinforcement	Stress	DOCU TOP STRESS (X B X D)	Longitudinal Reinforcement	Stress
2	TOP CHAIR	3	BOTTOM CHAIR	4	TOP CHAIR	5	BOTTOM CHAIR
1	7' X 20'0"0"0"	24 X 1215	2.1 (0)	2.7 (0)	16300 X 2400-000	1.1 (235)	2.6 (0)
2	7' X 20'0"0"0"	24 X 1215	2.1 (0)	2.7 (0)	16300 X 2400-000	1.1 (235)	2.6 (0)
3	7' X 20'0"0"0"	24 X 1215	2.1 (0)	2.7 (0)	16300 X 2400-000	1.1 (235)	2.6 (0)
4	7' X 20'0"0"0"	24 X 1215	2.1 (0)	2.7 (0)	16300 X 2400-000	1.1 (235)	2.6 (0)

TYP.DETAILS OF SUNSHADES/CHAIJAS



DETAIL OF STEPS AT ENTRANCE

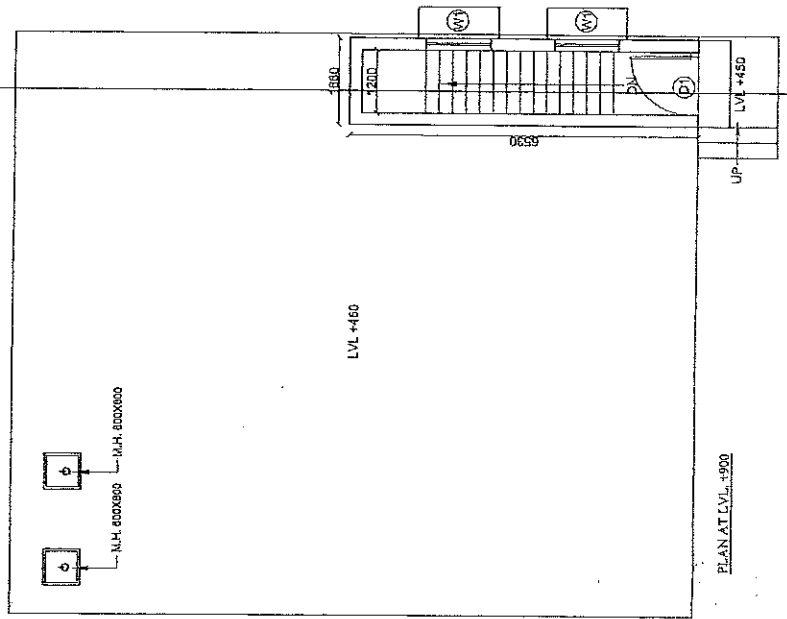
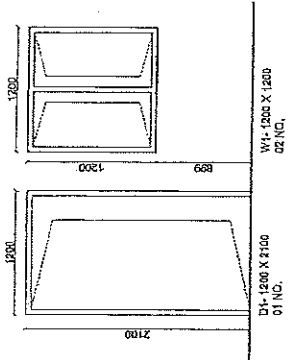


230, 450-600MM,
SUNSHADES/CHAJJAS

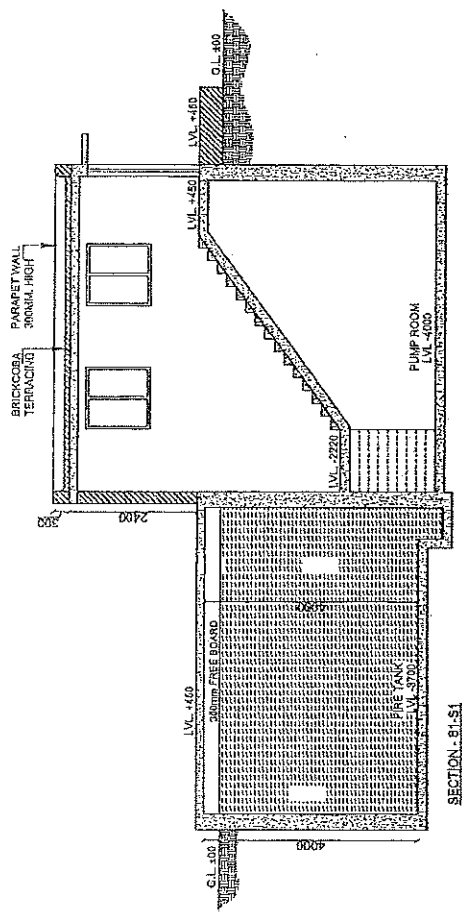
[illegible]

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO DIST. - UNNAO (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :-	
DRG. TITLE :- U.G. TANK (225 KL) DETAIL	
NOTES :- 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED. 2. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT. 3. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT. 4. ANY DISCREPANCY IN THE DIMENSIONS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. 5. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT. 6. ALL THE DIMENSIONS ARE TO BE TAKEN FROM THE CENTER LINE OF THE TANK. 7. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT. 8. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT. 9. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT. 10. THE U.G. TANK IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE U.P. WATER SUPPLY DEPARTMENT.	
MANAGER (ARCH) :-	O.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM	
DATE :-	DRG. NO. :-
SCALE :-	NORTH :-
DESIGNED BY :- PRASHU VERMA (B. Arch. M. Plan)	ARCHITECT :- SWASTIKA (B. Arch. M. Plan)
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIORS SS-2 ACP 10 SECTOR-3 BISHNUPUR CITY SHAUHAT PATH LUCKNOW-226005 MOBILE-9793433111 swastikaarchitects@gmail.com	

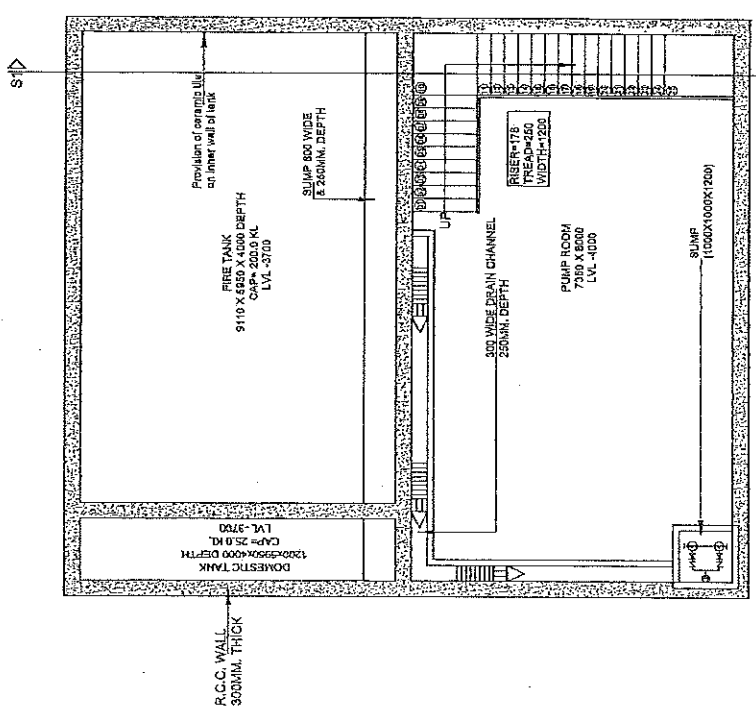
DOOR WINDOW SCHEDULE



PLAN AT LVL +450



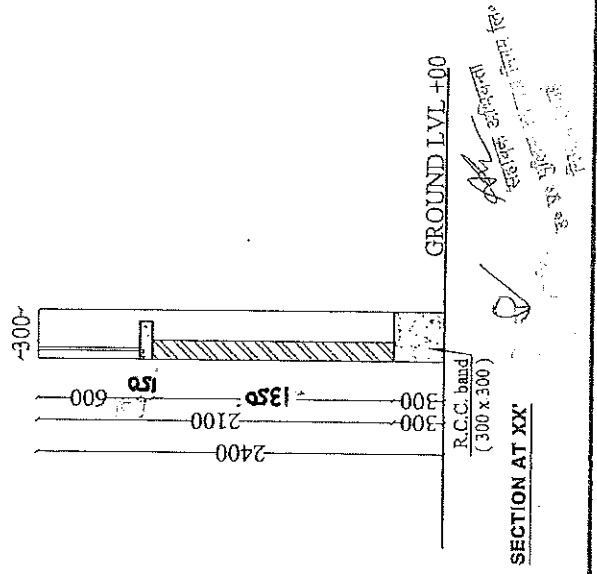
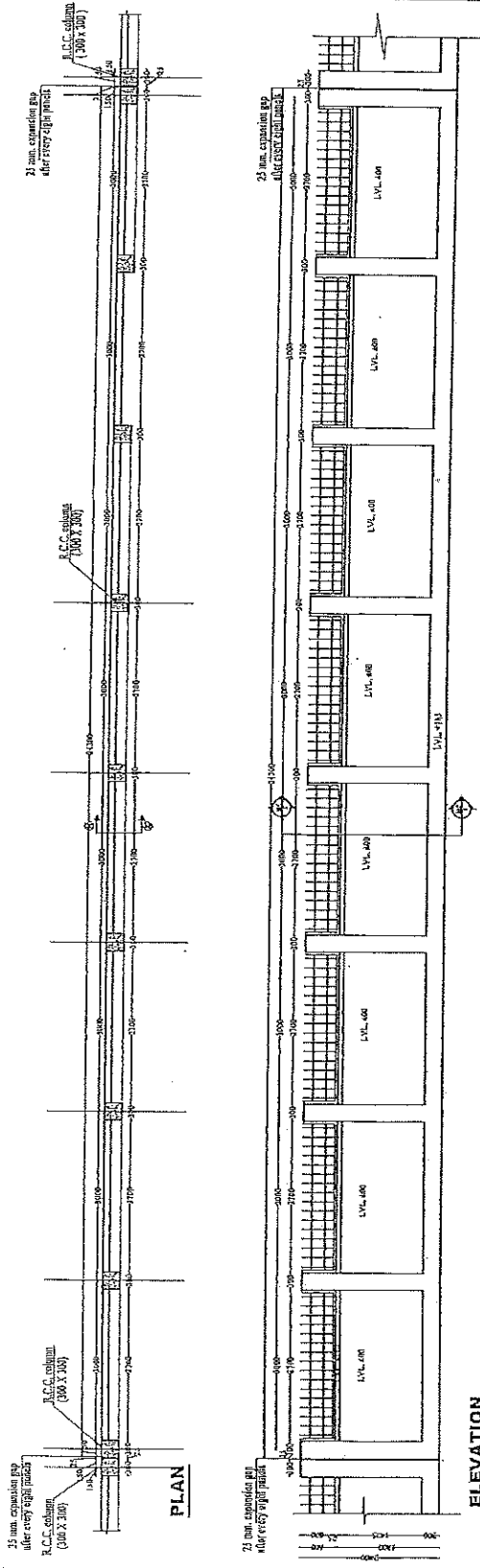
SECTION - S1-S1



PLAN AT LVL -2000

400

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT SADAR UNNAO, G.M. DIST.- UNNAO (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :-	
DRG. TITLE :- BOUNDARY WALL	
<p>NOTES:-</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN MM. 2. THE END OF THE WALL IS TO BE FOLLOWED BY THE WALL NOT BEING REVENUE. 3. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 4. ANY DIMENSION AT THE DRAWING IS TO BE USED FOR THE WALL. 5. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 6. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 7. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 8. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 9. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 10. THE WALL IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARCHITECTURAL DRAWING. 	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM	
DATE :-	DRG. NO. :- AR-01
SCALE :-	NORTH :-
DESIGN BY :- PRASHU VERMA (B.Arch M. Plan)	
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 ACP-10 SECTOR -D SURKANT GOLF CITY SHAHED PATH LUCKNOW-226009, MOBILE-979-13311 swastikaarchitect@gmail.com	



407A

PROJECT:

PROPOSED CONSTRUCTION
OF FIRE STATION 3/4 UNIT
AT GANDHINAGAR UNNAO.
DIST.- UNNAO (U.P.)

CLIENT:-

HOME DEPARTMENT

UNIT DENG:

REQ. TITLE :-

5 MT. WIDE GATE

NOTES :-

[illegible]

MANAGER(ARCH):

G.M.:

CONSTRUCTION AGENCY
U.P. POLICE AWAS NIGAM

DATE:-

DRG. NO. :-

SCALE:

NORTH:

DEALT BY:

ARCHITECT

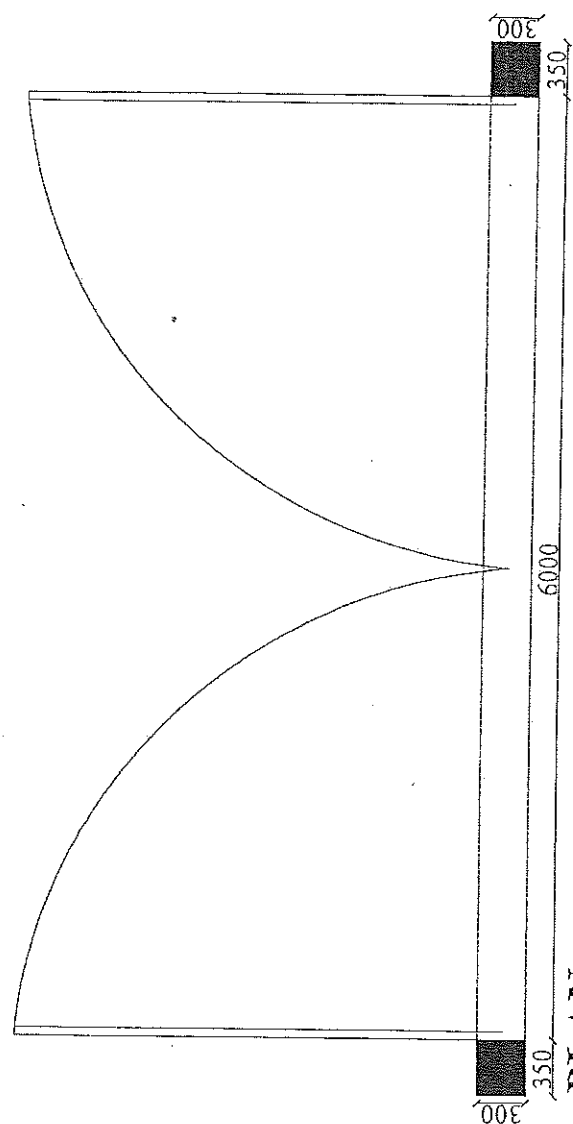
PRANSHU VERMA

AR. PRAPHULLA GUPTA.

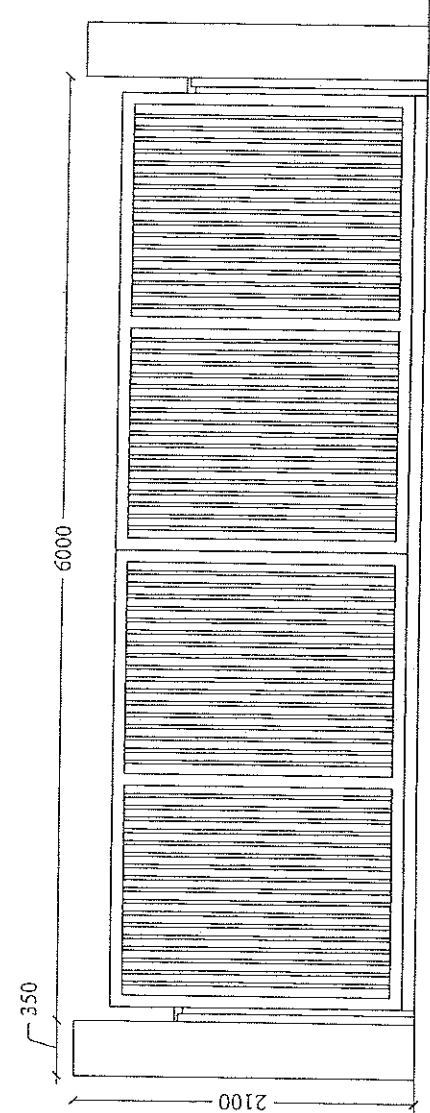
ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
AOP-110 SECTOR-D SUSHANT GOLF CITY
SHAHEED PATH LUCKNOW-226029,
MOBILE-9795453511
swastharchitect@gmail.com.



PLAN



ELEVATION

इकाई प्रथरी
उत्तराधुनिक आवास निगम लिमिटेड
निर्माण इकाई, लखनऊ

प्रा. प्र. मुक्ति आकाश विमं लि०
प्रा. प्र. अभियन्ता

✓
इकाई प्रभारी
आर.एम. दुलित आगत निगम लिमिटेड
निर्माण इकाई, लखनऊ

