

NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH					
DISTT.- BAHRAICH (U.P.)					
B.O.Q. FOR TENDER					
S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT (IN LACS)
1	COST OF WORK (P-JA) (BUILDING+EXTERNAL SITE DEVELOPMENT)				1379.64 ✓
(C)	COST OF LIFT AND D.G. SET				
2	(i) PASSENGER LIFT (8 PERSONS - 1.5 MT./SEC. SPEED) (P-81)	1	NOS.	17.66 ✓	17.66 ✓
3	(ii) PASSENGER LIFT (13PERSONS - 1.5 MT./SEC. SPEED) (P-81)	1	NOS.	19.89 ✓	19.89 ✓
4	COST OF D.G SET (125 KVA) (P-82)	1	NOS	6.68	6.68
				TOTAL C	44.23 ✓
				G.TOTAL/TENDER COST	1423.87 ✓
					LACS

[NOTE: GST will be paid extra as applicable.]

Amrit
अवर अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई-लखनऊ

PW
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P-L
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BOQ of Rs:- 1423.87 Lacs, checked as per TS 6813 dt. 18.05.2026

WJ
02.06.26
JE HO (GEM)
(CIVIL)

Sauhin
02.06.26
JE HO (GEM)
(Electri).

Shrey
02.06.2026
AE

MD
02.06.26
AE 4/8

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

DISTT.- BAHRAICH (U.P.)

B.O.Q. FOR TENDER

S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT (IN LACS)
A	COST OF FIRE STATION				
1	COST OF CIVIL WORKS (UPTO PLINTH) (P-05)	(AS PER DETAILS ATTACHED)			222.88 ✓
2	COST OF CIVIL WORKS (ABOVE PLINTH) (P-18)	(AS PER DETAILS ATTACHED)			843.24 ✓
3	COST FOR INTERNAL W/S AND SANITATION (P-26)	(AS PER DETAILS ATTACHED)			31.89 ✓
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)			113.94 ✓
6	COST OF BORING WITH SUBMERSIBLE PUMP (P-49)	(AS PER DETAILS ATTACHED)			6.47 ✓
				TOTAL A	1302.98 ✓
B	COST OF EXTERNAL SITE DEVELOPMENT				
7	COST OF EXTERNAL SANITATION & WATER SUPPLY (P-52)	(AS PER DETAILS ATTACHED)			7.64 ✓
8	COST OF SEPTIC TANK & SOAK PIT (P-54)	(AS PER DETAILS ATTACHED)			3.12 ✓
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)			39.01 ✓
11	COST OF PUMP ROOM (P-66)	(AS PER DETAILS ATTACHED)			4.41 ✓
12	COST OF DRAIN (300 X 450) MM (P-67)	134.16 ✓	RM	2056.13 ✓	2.76 ✓
13	COST OF C.C. ROAD (P-68)	1176.92 ✓	SQM	1830.50 ✓	21.54 ✓
14	COST OF RAIN WATER HARVESTING (P-72)	(AS PER DETAILS ATTACHED)			5.74 ✓
15	COST BOUNDARY WALL (P-74)	258.37 ✓	RM	15600.73 ✓	40.31 ✓
16	COST OF 6.0 M WIDE M.S. GATE (P-76)	1.00 ✓	NOS.	180371.05 ✓	1.80 ✓
17	DG SET PLATFORM (P-78)	(AS PER DETAILS ATTACHED)			0.70 ✓
18	TRANSFORMER PLATFORM (P-80)	(AS PER DETAILS ATTACHED)			0.60 ✓
				TOTAL B	149.27 ✓
				TOTAL[A+B]	1452.25 ✓
19	LESS 5.0 % DUE TO COMPETITIVE PRICE EFFICIENCY	1452.25 ✓	@	5.00% ✓	-72.61 ✓
			NET TOTAL		1379.64 ✓

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

DISTT.- BAHRAICH (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.	1373.119	CUM	197.05	270569.07
(b)	1.50 LVL. TO 3.00 MTR.	137.312	CUM	293.03	40237.14
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	5156.68	738693.76
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	1607.68	161527.70
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	234.71	156803.62
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)	25.874	CUM	5399.11	139698.03

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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; 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. Tie Beam	31.390	CUM	7423.67	233030.19
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	668.966	CUM	7423.67	4966184.39

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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; 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. Column	15.977	CUM	7423.67	118609.86
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	311.01	8143.54
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	110.64	2896.87
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)	2280.00	RM	3247.77	7404920.71

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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.	41462.03	82924.05
	Routine test (Test Load 1.5 times the Safe capacity)	4.00 ✓	NOS.	14861.73	59446.91
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.	926.694 ✓	QTL	8164.25 ✓	7565755.59
14 12	Centering and shuttering including strutting, propping etc. and removal of form for :				
a)	Foundations, footings, bases of columns, etc. for mass concrete	213.646 ✓	SQM	296.86 ✓	63422.43
b)	Columns, Pillars, Piers, Abutments, Posts and Struts	111.915 ✓	SQM	727.70 ✓	81441.00
(c)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	347.837 ✓	Sqm	557.45 ✓	193903.40
				G. TOTAL	22288208.26
		Say Rs.		222.88	Lacs.

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NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH					
DISTT.- BAHRAICH (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	7692.90 ✓	15725.25
(b)	First Floor (M-35)	1.064 ✓	CUM	7692.90 ✓	8183.32
(c)	Second Floor(M-35)	3.491 ✓	CUM	7692.90 ✓	26858.99
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	3.206 ✓	CUM	7578.59 ✓	24294.12
(e)	Fourth Floor (M-30)	3.615 ✓	CUM	7578.59 ✓	27397.67
	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	7847.82 ✓	25618.34
(g)	Sixth Floor (M-30)	3.046 ✓	CUM	7847.82 ✓	23903.59
(h)	Seventh Floor (M-30)	3.046 ✓	CUM	7847.82 ✓	23903.59
(i)	Eighth Floor (M-30)	2.973 ✓	CUM	7847.82 ✓	23335.02
	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	8117.05 ✓	24723.63
(k)	Terrace Floor (M-30)	11.196 ✓	CUM	8117.05 ✓	90878.45
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	7692.90 ✓	197957.56
(b)	First Floor (M-35)	63.244 ✓	CUM	7692.90 ✓	486531.15
(c)	Second Floor (M-35)	70.975 ✓	CUM	7692.90 ✓	546002.18
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	82.783 ✓	CUM	7578.59 ✓	627377.56
(e)	Fourth Floor (M-30)	64.854 ✓	CUM	7578.59 ✓	491504.23
	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	7847.82 ✓	498690.72
(g)	Sixth Floor (M-30)	63.545 ✓	CUM	7847.82 ✓	498690.72
(h)	Seventh Floor (M-30)	62.723 ✓	CUM	7847.82 ✓	492240.46
(i)	Eighth Floor (M-30)	68.336 ✓	CUM	7847.82 ✓	536287.52
	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	8117.05 ✓	558388.93
(k)	Terrace Floor (M-30)	25.695 ✓	CUM	8117.05 ✓	208571.30
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	7692.90 ✓	247577.68
(b)	First Floor (M-35)	56.739 ✓	CUM	7692.90 ✓	436485.78
(c)	Second Floor (M-35)	57.967 ✓	CUM	7692.90 ✓	445936.86
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	57.977 ✓	CUM	7578.59 ✓	439382.40
(e)	Fourth Floor (M-30)	55.962 ✓	CUM	7578.59 ✓	424111.26
	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	7847.82 ✓	426483.44
(g)	Sixth Floor (M-30)	54.344 ✓	CUM	7847.82 ✓	426483.44
(h)	Seventh Floor (M-30)	57.303 ✓	CUM	7847.82 ✓	449704.38
(i)	Eighth Floor (M-30)	54.344 ✓	CUM	7847.82 ✓	426483.44
	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	8117.05 ✓	441114.37
(k)	Terrace Floor (M-30)	15.340 ✓	CUM	8117.05 ✓	124515.16

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इंजीनियर प्रभारी
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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	7692.90 ✓	245822.74
(b)	First Floor (M-35)	35.505 ✓	CUM	7692.90 ✓	273136.38
(c)	Second Floor (M-35)	37.274 ✓	CUM	7692.90 ✓	286741.27
(d)	Third Floor (M-35)	37.274 ✓	CUM	7692.90 ✓	286741.27
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(e)	Fourth Floor (M-30)	35.492 ✓	CUM	7578.59 ✓	268975.60
	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	7847.82 ✓	278530.87
(g)	Sixth Floor (M-30)	35.492 ✓	CUM	7847.82 ✓	278530.87
(h)	Seventh Floor (M-30)	35.492 ✓	CUM	7847.82 ✓	278530.87
(i)	Eighth Floor (M-30)	35.492 ✓	CUM	7847.82 ✓	278530.87
	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	8117.05 ✓	288086.14
(k)	Terrace Floor (M-30)	16.913 ✓	CUM	8117.05 ✓	137285.63
		1622.933			
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	6893.20 ✓	353173.07
(b)	First Floor	74.216 ✓	CUM	6893.20 ✓	511587.00
(c)	Second Floor	172.161 ✓	CUM	6893.20 ✓	1186743.35
(d)	Third Floor	132.306 ✓	CUM	6893.20 ✓	912009.56
(e)	Fourth Floor	100.571 ✓	CUM	6893.20 ✓	693256.59
(f)	Fifth Floor	82.240 ✓	CUM	7021.48 ✓	577445.93
(g)	Sixth Floor	86.723 ✓	CUM	7021.48 ✓	608921.43
(h)	Seventh Floor	88.896 ✓	CUM	7021.48 ✓	624182.61
(i)	Eighth Floor	89.528 ✓	CUM	7021.48 ✓	628615.62
(j)	Ninth Floor	89.528 ✓	CUM	7149.75 ✓	640099.65
(k)	Terrace Floor	93.703 ✓	CUM	7149.75 ✓	669954.63
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	7073.67 ✓	58978.78
(b)	First Floor	15.213 ✓	CUM	7073.67 ✓	107608.36
(c)	Second Floor	27.866 ✓	CUM	7073.67 ✓	197115.55
(d)	Third Floor	30.369 ✓	CUM	7073.67 ✓	214819.55
(e)	Fourth Floor	57.415 ✓	CUM	7073.67 ✓	406132.76
(f)	Fifth Floor	48.395 ✓	CUM	7201.95 ✓	348537.69
(g)	Sixth Floor	50.065 ✓	CUM	7201.95 ✓	360568.84
(h)	Seventh Floor	50.065 ✓	CUM	7201.95 ✓	360568.84

(i)	Eighth Floor	50.065	CUM	7201.95	360568.84
(j)	Ninth Floor	50.065	CUM	7330.22	366990.92
(k)	Terrace Floor	0.270	CUM	7330.22	1979.16
7	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.				
(a)	Ground Floor	165.225	QTL	8164.25	1348933.48
(b)	First Floor	243.699	QTL	8164.25	1989622.11
(c)	Second Floor	259.049	QTL	8164.25	2114936.13
(d)	Third Floor	267.071	QTL	8164.25	2180434.36
(e)	Fouth Floor	246.432	QTL	8164.25	2011928.95
(f)	Fifth Floor	242.237	QTL	8164.25	1977680.55
(g)	Sixth Floor	241.980	QTL	8164.25	1975580.02
(h)	Seventh Floor	246.625	QTL	8164.25	2013506.84
(i)	Eighth Floor	245.279	QTL	8164.25	2002516.67
(j)	Ninth Floor	245.687	QTL	8164.25	2005844.93
(k)	Terrace Floor	104.900	QTL	8164.25	856433.36
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	299.28	229150.00
(b)	First Floor	938.250	SQM	299.28	280799.41
(c)	Second Floor	1520.772	SQM	299.28	455136.46
(d)	Third Floor	1389.481	SQM	299.28	415843.75
(e)	Fouth Floor	1431.473	SQM	299.28	428411.13
(f)	Fifth Floor	1473.886	SQM	299.28	441104.54
(g)	Sixth Floor	1171.579	SQM	299.28	350630.13
(h)	Seventh Floor	1171.579	SQM	299.28	350630.13
(i)	Eighth Floor	1174.054	SQM	299.28	351370.84
(j)	Ninth Floor	1174.324	SQM	299.28	351451.65
(k)	Terrace Floor	154.525	SQM	299.28	46246.08
9	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand				
(a)	Ground Floor	221.886	SQM	260.14	57721.97
(b)	First Floor	261.280	SQM	260.14	67970.25
(c)	Second Floor	501.435	SQM	260.14	130444.83
(d)	Third Floor	501.435	SQM	260.14	130444.83
(e)	Fouth Floor	501.435	SQM	260.14	130444.83
(f)	Fifth Floor	501.435	SQM	260.14	130444.83
(g)	Sixth Floor	501.435	SQM	260.14	130444.83
(h)	Seventh Floor	501.435	SQM	260.14	130444.83
(i)	Eighth Floor	501.435	SQM	260.14	130444.83
(j)	Ninth Floor	501.435	SQM	260.14	130444.83
(k)	Terrace Floor	754.182	SQM	260.14	196195.31
10	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.				
(a)	Ground Floor	651.962	RM	59.35	38693.16
(b)	First Floor	685.000	RM	59.35	40653.93
(c)	Second Floor	1045.816	RM	59.35	62067.92
(d)	Third Floor	955.658	RM	59.35	56717.16
(e)	Fouth Floor	988.310	RM	59.35	58655.01
(f)	Fifth Floor	1005.587	RM	59.35	59680.37
(g)	Sixth Floor	809.758	RM	59.35	48058.17
(h)	Seventh Floor	809.758	RM	59.35	48058.17
(i)	Eighth Floor	809.758	RM	59.35	48058.17
(j)	Ninth Floor	809.758	RM	59.35	48058.17
(k)	Terrace Floor	123.700	RM	59.35	7341.45

उ. प्र. उच्च शिक्षा विभाग
नियामक समिति
प्रमाणित

उत्तर प्रदेश उच्च शिक्षा विभाग
नियामक समिति

11	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	2585.00 ✓	22508.34
(b)	First Floor	0.000	SQM	2585.00	0.00
(c)	Second Floor	11.653 ✓	SQM	2585.00 ✓	30123.76
(d)	Third Floor	16.147 ✓	SQM	2585.00 ✓	41740.76
(e)	Fourth Floor	20.137 ✓	SQM	2585.00 ✓	52054.93
(f)	Fifth Floor	20.137 ✓	SQM	2585.00 ✓	52054.93
(g)	Sixth Floor	20.137 ✓	SQM	2585.00 ✓	52054.93
(h)	Seventh Floor	20.137 ✓	SQM	2585.00 ✓	52054.93
(i)	Eighth Floor	20.137 ✓	SQM	2585.00 ✓	52054.93
(j)	Ninth Floor	20.137 ✓	SQM	2585.00 ✓	52054.93
12	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	1175.96 ✓	60392.60
(b)	First Floor	72.515 ✓	SQM	1175.96 ✓	85275.39
(c)	Second Floor	318.311 ✓	SQM	1175.96 ✓	374321.32
(d)	Third Floor	292.886 ✓	SQM	1175.96 ✓	344423.14
(e)	Fourth Floor	227.253 ✓	SQM	1175.96 ✓	267240.28
(f)	Fifth Floor	196.051 ✓	SQM	1175.96 ✓	230548.16
(g)	Sixth Floor	196.051 ✓	SQM	1175.96 ✓	230548.16
(h)	Seventh Floor	196.051 ✓	SQM	1175.96 ✓	230548.16
(i)	Eighth Floor	196.051 ✓	SQM	1175.96 ✓	230548.16
(j)	Ninth Floor	196.051 ✓	SQM	1175.96 ✓	230548.16
13	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	1228.65 ✓	7353.46
(b)	First Floor	7.194 ✓	SQM	1228.65 ✓	8838.90
(c)	Second Floor	27.180 ✓	SQM	1228.65 ✓	33394.68
(d)	Third Floor	21.734 ✓	SQM	1228.65 ✓	26703.45
(e)	Fourth Floor	23.945 ✓	SQM	1228.65 ✓	29420.00
(f)	Fifth Floor	24.311 ✓	SQM	1228.65 ✓	29869.68
(g)	Sixth Floor	24.311 ✓	SQM	1228.65 ✓	29869.68
(h)	Seventh Floor	24.311 ✓	SQM	1228.65 ✓	29869.68
(i)	Eighth Floor	24.311 ✓	SQM	1228.65 ✓	29869.68
(j)	Ninth Floor	24.311 ✓	SQM	1228.65 ✓	29869.68

14	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	1474.83 ✓	378003.21
(b)	First Floor	127.359 ✓	SQM	1474.83 ✓	187832.14
(c)	Second Floor	196.897 ✓	SQM	1474.83 ✓	290389.11
(d)	Third Floor	229.939 ✓	SQM	1474.83 ✓	339119.61
(e)	Fourth Floor	248.111 ✓	SQM	1474.83 ✓	365920.66
(f)	Fifth Floor	272.699 ✓	SQM	1474.83 ✓	402183.67
(g)	Sixth Floor	277.905 ✓	SQM	1474.83 ✓	409860.68
(h)	Seventh Floor	277.905 ✓	SQM	1474.83 ✓	409860.68
(i)	Eighth Floor	313.021 ✓	SQM	1474.83 ✓	461651.83
(j)	Ninth Floor	277.905 ✓	SQM	1474.83 ✓	409860.68
(k)	Terrace Floor	0.000 ✓	SQM	1474.83 ✓	0.00
15	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	1782.51 ✓	39859.02
(b)	First Floor	11.831 ✓	SQM	1782.51 ✓	21089.56
(c)	Second Floor	20.603 ✓	SQM	1782.51 ✓	36724.65
(d)	Third Floor	24.882 ✓	SQM	1782.51 ✓	44352.36
(e)	Fourth Floor	23.884 ✓	SQM	1782.51 ✓	42573.42
(f)	Fifth Floor	28.600 ✓	SQM	1782.51 ✓	50979.73
(g)	Sixth Floor	28.735 ✓	SQM	1782.51 ✓	51220.36
(h)	Seventh Floor	28.735 ✓	SQM	1782.51 ✓	51220.36
(i)	Eighth Floor	34.071 ✓	SQM	1782.51 ✓	60731.83
(j)	Ninth Floor	28.735 ✓	SQM	1782.51 ✓	51220.36
(k)	Terrace Floor	0.000 ✓	SQM	1782.51 ✓	0.00
16	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	830.09 ✓	8703.02
(b)	First Floor	0.000 ✓	SQM	830.09 ✓	0.00
(c)	Second Floor	31.502 ✓	SQM	830.09 ✓	26149.55
(d)	Third Floor	26.730 ✓	SQM	830.09 ✓	22188.26
(e)	Fourth Floor	22.979 ✓	SQM	830.09 ✓	19074.50
(f)	Fifth Floor	22.979 ✓	SQM	830.09 ✓	19074.50
(g)	Sixth Floor	22.979 ✓	SQM	830.09 ✓	19074.50
(h)	Seventh Floor	22.979 ✓	SQM	830.09 ✓	19074.50
(i)	Eighth Floor	22.979 ✓	SQM	830.09 ✓	19074.50
(j)	Ninth Floor	22.979 ✓	SQM	830.09 ✓	19074.50
17	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	959.84 ✓	47478.87
(b)	First Floor	0.000 ✓	SQM	959.84 ✓	0.00
(c)	Second Floor	121.179 ✓	SQM	959.84 ✓	116312.23

(d)	Third Floor	108.765	SQM	959.84	104396.80
(e)	Fourth Floor	104.436	SQM	959.84	100241.66
(f)	Fifth Floor	104.436	SQM	959.84	100241.66
(g)	Sixth Floor	104.436	SQM	959.84	100241.66
(h)	Seventh Floor	104.436	SQM	959.84	100241.66
(i)	Eighth Floor	104.436	SQM	959.84	100241.66
(j)	Ninth Floor	104.436	SQM	959.84	100241.66
18	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	464.95	50331.70
19	100 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) (P-83)	452.024	SQM	751.73	339800.20
20	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) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	229.320	SQM	1811.24	415352.65
	(b)Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	22.680	SQM	1892.01	42910.74
	both side laminated	252.00	SQM	723.69	182370.38
21	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 door / windows grill.	32807.622	KG	130.66	4286584.81
(b)	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	147.77	950342.48

1/1/2020

सहायक अभियन्ता

उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

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निर्माण इकाई, राजगढ़

(c)	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	334.044	SQM	858.10	286642.27
(d)	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	3673.19	447780.36
22	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	140.54	142544.79
(b)	First Floor	1538.667	SQM	140.54	216239.73
(c)	Second Floor	2184.504	SQM	140.54	307003.76
(d)	Third Floor	1961.480	SQM	140.54	275660.56
(e)	Fourth Floor	1931.731	SQM	140.54	271479.81
(f)	Fifth Floor	1960.019	SQM	140.54	275455.30
(g)	Sixth Floor	1657.712	SQM	140.54	232969.97
(h)	Seventh Floor	1657.712	SQM	140.54	232969.97
(i)	Eighth Floor	1699.856	SQM	140.54	238892.73
(j)	Ninth Floor	1700.549	SQM	140.54	238990.16
(k)	Terrace Floor	314.840	SQM	140.54	44246.66
23	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	121.57	26975.55
(b)	First Floor	261.280	SQM	121.57	31764.94
(c)	Second Floor	501.435	SQM	121.57	60961.56
(d)	Third Floor	501.435	SQM	121.57	60961.56
(e)	Fourth Floor	501.435	SQM	121.57	60961.56
(f)	Fifth Floor	501.435	SQM	121.57	60961.56
(g)	Sixth Floor	501.435	SQM	121.57	60961.56
(h)	Seventh Floor	501.435	SQM	121.57	60961.56
(i)	Eighth Floor	501.435	SQM	121.57	60961.56
(j)	Ninth Floor	501.435	SQM	121.57	60961.56
(k)	Terrace Floor	754.182	SQM	121.57	91689.12
24	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	118.13	146028.78
(b)	First Floor	1799.947	SQM	118.13	212627.51
(c)	Second Floor	2685.939	SQM	118.13	317289.58
(d)	Third Floor	2462.915	SQM	118.13	290943.73
(e)	Fourth Floor	2433.166	SQM	118.13	287429.56
(f)	Fifth Floor	2461.454	SQM	118.13	290771.20

(g)	Sixth Floor	2159.147	SQM	118.13	255059.72
(h)	Seventh Floor	2159.147	SQM	118.13	255059.72
(i)	Eighth Floor	2201.291	SQM	118.13	260038.16
(j)	Ninth Floor	2201.984	SQM	118.13	260120.05
(k)	Terrace Floor	1069.022	SQM	118.13	126283.44
25	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	142.000	NOS.	92.09	13076.65
26	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
27	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
28	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
29	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 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 Engineerin- 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 Engineerin- 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	1275.24	817822.11
30	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	129.22	128834.11
31	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	1052.34	511505.26
32	Construction of drain alongwith apron. (P-84) (150x150 mm)	89.020	RM	621.26	55304.77
33	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	467.11	129775.40
34	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	5964.02	254348.99
35	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Suspended floors, roofs, landings, balconies and access platform.	6340.147	Sqm	701.93	4450328.16
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	5434.066	Sqm	557.45	3029246.16
(c)	Columns, Pillars, Piers, Abutments, Posts and Struts	2678.830	Sqm	727.70	1949395.57
36	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.	1293.90	287246.30

37	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.	5702.63	797570.17
38	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.	6333.18	234327.50
39	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. angles 40x40x6 mm for diagonal braces	95.928	NO.	4393.89	421495.17
40	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	8659.78	92746.21
41	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				
	made of 0.30 mm thick (minimum) sheet, 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 x 1.6 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				

उपरोक्त निर्माण कार्य निम्न लि०
निर्माण इकाई-राखनऊ

महानगर अभियन्ता
उ० प्र० पुलिस अधीनस्थ निम्न लि०
निर्माण इकाई

रिजिस्टर्ड प्रभारी
उ० प्र० पुलिस अधीनस्थ निम्न लि०
निर्माण इकाई, राखनऊ

	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 grms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	564.329	SQM	1440.53	812934.38
42	Providing and fixing cupboard shutter with 19mm thick one side decorative and other side balancing lamination 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 bonding 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	2141.74	0.00
42	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.	1161.09	33961.78
43	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	584.71	91214.26
44	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.				

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<p>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)</p>	5.940	Sqm.	7193.28	42728.08
			G. TOTAL	84323891.19
		SAY	843.24	Lacs.

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सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

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इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DIST.- BAHRAICH (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	5122.92	204916.87
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	4932.27	39458.17
3	Providing & fixing toilet paper holder				
	C.P. brass	Each	8	608.40	4867.21
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	1685.35	21909.51
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	2998.14	107932.91
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	783.34	38383.84

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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	127.44	6244.61
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	175.59	8603.72
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	1217.22	59643.69
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	434.75	96513.41
12	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	45 cm length				
	15 mm nominal bore	Each	222	74.00	16427.28
13	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
	100 mm diameter	Each	41	146.82	6019.63
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	507.53	2537.65
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	536.68	22003.68
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	84.37	3459.07
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	2932.47	61581.80
19	Providing & fixing PVC waste pipe for sink including PVC waste fittings Complete				
	Flexible Pipe				

उपरोक्त पुरिमा निम्न लि०
निर्माण इकाई-संलग्नक

महाकर्मचारी
उप प्र० पुरिमा नि०

उपरोक्त पुरिमा निम्न लि०
निर्माण इकाई, संलग्नक

	40mm Dia	Each	21	90.50	1900.49
20	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
	15mm nominal bore	Each	48	383.65	18415.08
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	604.81	29635.45
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	56.62	5492.49
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 spreders 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	3067.25	8051.53
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	376.83	113050.38
	20 mm nominal outer dia Pipes	Metre	400	406.96	162785.28

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सहायक अभियन्ता
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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	253.60	45647.10
	25 mm nominal bore	Metre	200	303.97	60794.67
	32 mm nominal bore	Metre	106	392.69	41468.46
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	678.73	133030.34
	80 mm nominal bore	Metre	25	788.57	19714.17
4	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :				
	65mm diameter pipe	Metre	196	28.65	5615.88
	80mm diameter pipe	Metre	25	33.31	832.70
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	860.56	56223.10
	80mm diameter pipe	Each	8	914.42	7620.15
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	408.74	22072.08
	25mm nominal bore	Each	20	471.16	9423.14
	32mm nominal bore (including valve for PRV Station)	Each	19	522.03	9918.52
	50mm nominal bore	Each	2	777.17	1554.35
	65mm nominal bore	Each	2	1318.81	2637.62
	80mm nominal bore	Each	1	1971.64	1971.64
7	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
8	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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सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
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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
9	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
10	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required	No.	8	1128.69	9029.50
11	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	285.69	79993.70
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	96.59	3863.73

महानगरपालिका
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	Single tee with door				
	110x110x110 mm	Each	10	177.25	1772.52
	Plain bend 87.5 deg				
	110 mm dia	Each	10	113.81	1138.15
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	281.07	40474.67
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	225.78	2257.75
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	266.58	9330.21
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	730.32	25561.05
	SUB HEAD : IV - INTERNAL DRAINAGE				

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सहायक अभियन्ता
उ० प्र० पुलिस आयुक्त निगम लि०
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1	Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for soil, waste, and vent, Type-B as per IS: 13592 suitable for rubber ring joints for vertical pipes and solvent cement joints for horizontal pipes, including all necessary specials and fittings (confirming to IS:14735) ie. bends, tees, junctions (with or without doors), reducers, WC connectors, couplers, cowels, clamps, hangers, rubber rings, clean outs etc. fixing at wall /ceiling / floor level supported by clamp & hangers etc. inside duct / suspended from floor under false ceiling for proper completion of the work. The rubber ring shall confirm to IS:5382. (Make: Supreme / Ashirvad/Finolex / Prince) (Pipe support: Intellotech / Easyflex / Chilly The Pipes will be supported by either rubber lined G.I. U strap clamps on 50x50x5 mm MS slotted angle duly painted (for a group of pipes) or G.I. rubber lined split clamp (for independent pipes). The cost will include all support arrangements. The work includes cutting holes in wall/floors/slabs and making good the same with cement concrete 1:2:4 complete as required. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site				
	Internal Toilet (Soil & Waste Pipe)				
	75 mm	Metre	300	645.00	193500.00
	110 mm	Metre	500	880.00	440000.00
	160 mm	Metre	220	1080.00	237600.00
	Exposed on Wall (Soil & Waste Pipe)				
2	Providing, fixing, jointing and testing , of PVC Multi Floor Trap without jali of minimum 50 mm water seal, making necessary cutting in slab or floors and making good including supports with cement concrete 1:3:6 complete as approved by Engineer-in-Charge.				
	110mm x 75mm x 50mm/40mm (Toilet)	Each	48	950.00	45600.00
3	Providing, fixing, jointing and testing , of PVC Nahani Trap without jali of minimum 50 mm water seal, making necessary cutting in slab or floors and making good including supports with cement concrete 1:3:6 complete as approved by Engineer-in-Charge.				
	110mm x 75mm (Toilet & Kitchen)	Each	71	950.00	67450.00
4	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :				
	110/160	Each	160	274.68	43948.39
	75	Each	200	272.52	54504.00
5	Providing and fixing PTMT grating of approved quality and colour.				
	Rectangular type with openable circular lid				
	150 mm nominal size square 100 mm diameter of the inner hinged round grating (including balcony)	Each	168	149.09	25047.31

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6	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	2069.79	8279.16
7	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	95	266.58	25324.87
8	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	730.32	69380.00
	TOTAL OF SUBHEAD-IV			Rs.	3188611.20
	G.TOTAL				3188611.20
				SAY IN LACS	31.89

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उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH 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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 प्रमाणित किया जाता है कि
 उपरोक्त कार्य का अनुमानित
 मूल्य रु. 84.56 लाख है।

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SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR				
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH U.P.				
S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	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	91.38 ✓ 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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निर्माण इकाई-राजगढ़ निर्माण इकाई निर्माण इकाई, राजगढ़

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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 service 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				

	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

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 ✓	Meter	35.49	1,774.25
	Above 185 sq.mm. and up to 400 sq.mm.	15 ✓	Meter	128.35	1,925.25

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सहायक अभियन्ता
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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 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

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निर्माण इकाई

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नगरपालिका आन्तरिक नियम लि.
निर्माण इकाई, लखनऊ

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, fastner 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

अधीक्षक अभियन्ता
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इकाई प्रभारी
उ०प्र० पुलिस आवास निगम लि०
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SUMMARY SHEET OF FIRE-FIGHTING WORK		
Sr.No.	ITEMS	AMOUNT
1	TOTAL COST FOR FIRE FIGHTING SERVICES (P-44)	9319998.03
2	TOTAL COST FOR FIRE ALARM SERVICES (P-46)	2073726.79
	TOTAL Rs.	11393724.82
	SAY IN LACS	113.94

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NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DISTT.- BAHRAICH (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	542276.49	542276.49
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 ✓
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.	Nos.	3 ✓	16650.00 ✓	49950.00 ✓
	150 mm dia.	Nos.	3 ✓	11250.00 ✓	33750.00 ✓
	100 mm dia.	Nos.	2 ✓	9450.00 ✓	18900.00 ✓
	80 mm dia.	Nos.	2 ✓	7650.00 ✓	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.	Nos.	3 ✓	12267.24 ✓	36801.72 ✓
	150 mm dia.	Nos.	3 ✓	7351.44 ✓	22054.31 ✓
	100 mm dia.	Nos.	2 ✓	5489.61 ✓	10979.21 ✓
	80 mm dia.	Nos.	8 ✓	4081.53 ✓	32652.24 ✓
9	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :				
	200 mm dia.	Nos.	1 ✓	23326.48 ✓	23326.48 ✓
	150 mm dia.	Nos.	2 ✓	14257.42 ✓	28514.84 ✓
	80 mm dia.	Nos.	1 ✓	6232.53 ✓	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.	Rmt	310 ✓	3853.52 ✓	1194591.20 ✓
	100 mm dia.	Rmt	30 ✓	3150.00 ✓	94500.00 ✓
	80 mm dia.	Rmt	20 ✓	2520.00 ✓	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	Rmt	22 ✓	1719.14 ✓	37820.97 ✓
	100 mm nominal bore	Rmt	22 ✓	2323.14 ✓	51108.97 ✓
	150 mm nominal bore	Rmt	22 ✓	3245.75 ✓	71406.39 ✓
	200 mm dia (wall thickness 6.3 mm)	Rmt	23 ✓	4998.10 ✓	114956.30 ✓
	250 mm dia (wall thickness 6.3 mm)	Rmt	11 ✓	6057.37 ✓	66631.02 ✓
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/cm2 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 ✓

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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 ✓
	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 ✓
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 confirming 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) & accesories . 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
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	14648.51	29297.02
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	116156.75
	80 mm nominal bore	Rmt	110	1719.14	189104.85
	65 mm nominal bore	Rmt	165	1476.03	243544.13

SUB HEAD-V: ELECTRICAL WORKS				
	FIRE FIGHTING PANEL			
1	Fabrication, supply, Insallation 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, lcs=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)			
	Main Fire Pump 250 A, 50kA TPN MCCB, lcs=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 acceessories 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, lcs=100% Icu, with suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all acceessories 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 selctor 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	454212.53 454212.53
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 40788.00
	4 Core, X 6 sqmm.	Mtr	55	248.40 13662.00

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इ.नर. प्रगारी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, जखनक

NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DISTT.- BAHRAICH (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.				
	Ten Loop Panel.	Each	1	189067.10	189067.10
	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

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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 ✓

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 ✓
6	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 (I+II)					20,73,726.79 ✓

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सहायक अभियन्ता
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**NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DISTT.-
BAHRAICH (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	750.04 ✓	67503.20
	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	937.54 ✓	56252.67
	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	1849.16 ✓	184916.18

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3	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 plain slotted (having slot of size 1.6/3.2 mm) mild steel threaded and socketed/ plain bevel ended pipe (type A) of required dia, conforming to IS: 8110, of reputed and approved make, having wall thickness not less than 5.40 mm, including painted with outside surface with two coats of anticorrosive bitumastic paint of approved brand and manufacture, including hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer -in-charge	50 ✓	M	1946.28	97314.24
	200 mm nominal size dia				
4	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.	14.13 ✓	CUM	1532.55	21654.93
5	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of useable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, including disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	30 ✓	HOURS	821.38	24641.49
6	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				
	200 mm dia	2 ✓	NOS.	243.11	486.22
7	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.				
	200 mm clamp	2 ✓	NOS.	1736.29	3472.59
8	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I)				
	200 mm dia	1 ✓	NOS.	270.70	270.70
9	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
	50 mm dia nominal bore	100 ✓	M	576.95	57694.76
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.				

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सहायक अभियन्ता
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निर्माण विभाग, रायपुर

सुकाई प्रसादी
उ०प्र० पुलिस अधीनस्थ लि०
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	16 Sq.mm 4 core	25	M	343.00	8575.00
11	Development Of Tubewell by O.P. Unit	45	Hrs.	590.00	26550.00
12	Supply and installation of 800 LPM 7.5HP discharge submersable pump complete INCLUDING COST OF CONTROL PANEL,REQUIRED COPPER CABLE,STEEL WIRE ROBE	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			TOTAL	647331.97
		Say Rs.	6.47	Lacs	

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इकाई प्रभारी
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निर्माण इकाई, राजनगर

NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DISTT.- BAHRAICH (U.P.)

50

(COST OF EXTERNAL SEWERAGE & EXTERNAL WATER SUPPLY WORKS)

S.N.	DESCRIPTION	UNIT	QTY.	RATE	Amount (In Rs.)
I	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	266.58	34655.08
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	130	421.23	54760.24
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. RCC Pipes	metre	130	562.53	73128.47
4	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	9667.31	106340.37

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5	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	419.15	4610.66
	TOTAL COST OF SEWERAGE				273494.83
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	788.57	31542.68
	65mm nominal bore.	Rm.	50	678.73	33936.31
2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	80mm nominal bore.	Nos.	1	1971.64	1971.64
	65mm nominal bore.	Rm.	1	1318.81	1318.81
3	Providing and fixing gun metal non- return valve of approved quality (screwed end) : (horizontal)				
	80mm nominal bore.	Nos.	1	2774.22	2774.22
	65mm nominal bore.	Rm.	1	1853.17	1853.17
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	8222.84	16445.67

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5	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 :				
	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	400200.00
	TOTAL COST OF EXTERNAL WATER SUPPLY WORKS				490042.50
				TOTAL(I+II)	763537.33
				SAY IN LACS	7.64

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**NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DISTT.-
BAHRAICH (U.P.)**

(COST OF (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 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.				
	In all kind of soil upto 1.5m depth	Cum	47.38	197.05	9335.42
	In all kind of soil upto 1.5m to 3.0m. depth	Cum	45.09	293.03	13212.67
	In all kind of soil upto 3.0m to 4.5m. depth	Cum	12.02	389.02	4677.51
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	5156.68	24158.39
3	Brick work with brick of class designation 150 in foundation and plinth in cement mortar (1 cement : 4 coarse sand)	Cum	19.51	5579.58	108878.57
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	6847.63	27234.95
4,a	Centring and shuttering for Suspended floors, roofs, landings, balconies and access platform.	Sqm.	26.52	701.93	18611.77
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	8164.25	25472.44
6	12mm cement plaster on rough side of mix 1:3 (1 cement : 3 coarse sand)	Sqm	82.60	332.51	27464.68
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	412.34	4948.05
8	Providing and fixing C.I. tee at the inlet and outlet of septic tank.	Nos.	2	470.10	940.19
9	Providing & fixing 75mm dia vent pipes.	Rm.	1	790.88	790.88

10	Providing & fixing of 75mm dia cast iron terminal guard.	No.	1	257.91	257.91
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	887.66	1775.32
	M.D. -2.5- Circular shape 450mm internal diameter	No.	4	885.43	3541.70
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	20334.46	40668.92
	TOTAL COST OF EACH SEPTIC TANK				311969.38
	Total No. of Septic Tank	No.	1		
	TOTAL COST OF SEPTIC TANK				311969.38
				SAY IN LACS	3.12

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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 grade 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 grade as required.	6	Each	3926.76	23560.53
	SUBHEAD- : M.V. PANELS				

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10/11/2020

**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
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 Processer 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 entry 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 instrument 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 ✓

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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
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

प्रमाणित
उपरोक्त प्रमाणित
निर्माण इकाई-सहज

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NAME OF WORK -CONSTRUCTION OF F.S. BAHRAICH (3/4) UNIT ,BAHRAICH U.P					
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	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.	1577.05	CUM	197.05	310752.64
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	5156.68	92986.87
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	7309.36	107801.44
4	As in item 3 but for the lighter beams i.e. having spans upto 6 m.	5.774	CUM	7309.36	42200.62
5	As in item 3 above but in R.C.C. Raft foundation and footing with approved stone ballast.	72.129	CUM	7309.36	527218.64
6	As in item 3 above but in Column with approved stone ballast.	96.453	CUM	7309.36	705012.09
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	8.396	CUM	6893.20	57872.41
8	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	8164.25	1065664.85
9	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	299.28	8596.82
10	12 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand)	84.913	SQM	260.14	22089.42
11	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	155.20	RM	59.35	9210.70

[Signature]

सहायक अभियंता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

[Signature] प्रभारी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

12	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	799.51	105190.55
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)	Fabrication of hold fast for door chaukhats and windows	3.60	KG	101.21	364.36
(b)	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.	16.20	KG	98.79	1600.37
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.				
(a)	35mm thick	2.520	SQM	2534.93	6388.02
15	Fixing of Door, windows/ventilators chaukhats in position.				
(a)	Door chaukhats (I/c in frame Rates)				
16	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	88.49	4550.47
17	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	140.54	32680.49
18	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete. (a) 250mm x 16mm	1.000	NOS	163.93	163.93
19	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	63.51	63.51
20	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete. 125mm	2.000	NOS	30.24	60.48

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21	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	5889.69	53.01
22	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	129.22	195.38
23	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	133.42	672.44
24	Making drain along apron (150X150 mm)(P-84)	53.420	RM	621.26	33187.83
25	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick	221.882	RM	69.45	15410.73
26	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	467.11	250603.99
27	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Suspended floors, roofs, landings, balconies and access platform.	94.775	Sqm	701.93	66525.25
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	48.113	Sqm	557.45	26820.54
(c)	Foundations, footings, bases of columns, etc. for mass concrete	21.528	SQM	296.86	6390.75
(d)	Columns, Pillars, Piers, Abutments, Posts and Struts	551.162	Sqm	727.70	401082.48
				TOTAL	3901491.09
				G. TOTAL	3901491.09
		Say Rs.		39.01	Lacs.

उत्तर प्रदेश
उ०प्र० पुनर्वसन निगम लि०
निर्माण इकाई-लखनऊ

महायुक्त
उ० प्र० पुनर्वसन निगम लि०
लखनऊ

इकाई प्रभारी
उ०प्र० पुनर्वसन निगम लि०
निर्माण इकाई, लखनऊ

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NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH					
DISTT.- BAHRAICH (U.P.)					
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.	2.94	CUM	197.05	578.76
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.	5.19	CUM	530.28	2754.19
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	1607.68	2170.37
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 rtc required for proper completion of the work and curing complete also including cost of formwork in foundation & floors.	1.99	CUM	5156.68	10247.36
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	234.71	2809.83
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]	1.61	CUM	6847.63	11014.69
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	8709.66	14272.09

अनुमोदित
नियम लि०

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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)	3.53	CUM	5399.11	19065.56
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	6893.20	47919.83
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	7073.67	3275.04
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	311.01	924.21
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 apiece of cloth lightly soaked in kerosene oil.	2.97	SQM	110.64	328.76
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	130.66	783.95
(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	147.77	5319.59
(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	147.77	6649.49

उपरोक्त प्रमाणित
निर्माण इकाई-संयोजक

सहायक अभियन्ता
उप प्रमुख प्रमाणित निर्माण इकाई

इकाई प्रभारी
उपप्रमुख प्रमाणित निर्माण इकाई, संयोजक

(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	147.77	2260.83
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	1811.24	3423.24
15	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm	2.00	NOS	146.63	293.26
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	63.51	127.02
17	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 125 mm	2.00	NOS	30.24	60.48
18	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 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. (300 mm dia piles)	48.00	RM	2320.66	111391.64
19	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	13.35	QTL.	8164.25	108995.90
20	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	340.31	3438.49

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नियम नि

30 प्र. पुरिसा आवास नियम लि.

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21	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	299.28	8861.68
22	12 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand)	49.73	SQM	260.14	12937.25
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.)	9.00	SQM	464.95	4184.54
24	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	464.95	4530.47
25	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	501.17	1924.50
26	Supply & fixing of glass strips for flooring 35mm wide - 3.00 mm thick.	40.50	RM	69.45	2812.92
27	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	129.22	611.73
28	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	133.42	504.33
29	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	140.54	5625.98
30	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	121.57	6046.04
31	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	805.94	1450.69
32	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				
	(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	1275.24	11477.18
33	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	18.48	SQM	637.36	11775.54
(b)	Suspended floors, roofs, landings, balconies and access platform. with water proof ply 12 mm thick.	13.39	SQM	778.50	10426.90
				TOTAL	441274.34
				Say Rs.	4.41
					Lacs.

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NAME OF WORK -C/O F.S. BAHRAICH (314) UNIT					
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	197.05	941.39
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	5156.68	3519.44
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	5579.58	11549.73
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	270.51	3678.99
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	290.59	871.78
				TOTAL	20561.33
	COST PER RM				2056.13

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इंजीनियर
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NAME OF WORK -C/O F.S. BAHRACH (314 UNIT)									
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			
					TOTAL	0.35	CUM	197.05	68.89
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	5156.68	6837.76
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	2.00	0.23	0.45	0.41			
					TOTAL	0.41	CUM	5579.58	2309.95
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	5964.02	7228.40
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	6.55	29.47
								TOTAL	16474.46
	HENCE COST OF 1.00 SQM. P.C.C. ROAD							SAY RS.	1830.50

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NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH DISTT.- BAHRAICH (U.P.)					
(COST OF RAIN WATER HARVESTING WORKS)					
S.N.	DESCRIPTION	UNIT	QTY.	RATE	AMOUNT
1	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-in-charge.				
(A)	In all kind of soil upto 1.5m depth	Cum	22.59	197.05	4451.29
(B)	In all kind of soil upto 1.5m to 3.0m. depth	Cum	22.59	293.03	6619.65
(C)	In all kind of soil upto 3.0m to 4.5m. depth	Cum	22.59	389.02	8788.01
(D)	In all kind of soil upto 4.5 m to 6.0m. depth	Cum	10.54	485.01	5112.00
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	5156.68	6188.02
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	5579.58	134691.11
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	6847.63	11024.69
4,a	Suspended floors, roofs, landings, balconies and access platform.	Sqm.	10.75	701.93	7542.92
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	8164.25	15512.07
6	12mm cement plaster on rough side of single or half brick wall mix 1:3 (1 cement : 3 Coarse sand)	Sqm	46.16	332.51	15348.77
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.	10.00	412.34	4123.38
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	887.66	887.66

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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	625.05	9375.82
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	611.24	9168.59
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	1142.92	13863.60
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	1164.46	15266.01
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	1164.46	15266.01
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	1532.55	1532.55
	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	197.05	1980.32
(b)	In all kind of soil upto 1.5m to 3.0m. depth	Cum	4.06	293.03	1189.72
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	1.04	5156.68	5362.95
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	5579.58	19640.13
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	1.38	6847.63	9449.73
4a	Suspended floors, roofs, landings, balconies and access platform.	Sqm.	7.27	701.93	5103.02


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	8164.25	13307.72
6	12mm cement plaster on rough side of single or half brick wall mix 1:3 (1 cement : 3 Coarse sand)	Sqm	17.60	332.51	5852.22
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	412.34	4948.05
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	887.66	1775.32
II DRAINAGE NETWORK					
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	266.58	23991.98
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	421.23	37910.94
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	562.53	50627.40
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-84A)	Nos.	8.00	6518.00	52144.00
5	Supply, installing, testing and commissioning of non clog submersible type drainage / dewatering pumpset				


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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	55590.00
TOTAL COST				573635.66
		SAY IN LACS		5.74


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NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH					
DISTT.- BAHRAICH (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.	3.60	CUM	197.05	709.37
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)	0.810	CUM	5156.68	4176.91
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)	2.160	CUM	6847.63	14790.89
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	8709.66	6490.44
b	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	2.187	CUM	8709.66	19048.03
5	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 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. (300 mm dia piles)	48.00	RM	2320.66	111391.64
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.	11.05	QTL.	8164.25	90195.00

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7	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)	2.981	CUM	5399.11	16093.68
8	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)	4.968	SQM	311.01	1545.11
9	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.	4.968	SQM	110.64	549.64
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)	3.353	CUM	7073.67	23720.85
11	12 mm cement plaster of mix (1)1 cement : 6 coarse sand , F.M. 2.25	49.380	SQM	260.14	12845.80
12	15 mm cement plaster on rough side of single or half brick wall of mix: (1)1 cement : 6 coarse sand	43.785	SQM	299.28	13103.97
13	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	99.645	SQM	88.49	8817.89
14	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	48.000	RM	59.35	2848.74
15	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 stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete . (M.S. GRILL)	199.066	KG	93.57	18625.61
16	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	129.22	1674.69
17	Centering and shuttering including strutting, propping etc. and removal of form for:				
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	20.880	SQM	557.45	11639.66
(c)	Columns, Pillars, Piers, Abutments, Posts and Struts	29.160	SQM	727.70	21219.85
	COST OF 24.325 RM BOUNDARY WALL			TOTAL	379487.78
	COST OF 1 RM BOUNDARY WALL				15600.73

उत्तर प्रदेश
उत्तर प्रदेश आवास निगम लि०
निर्माण इकाई-लखनऊ

उत्तर प्रदेश
उत्तर प्रदेश आवास निगम लि०
निर्माण इकाई

उत्तर प्रदेश
उत्तर प्रदेश आवास निगम लि०
निर्माण इकाई, लखनऊ

NAME OF WORK - CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT BAHRAICH					
DISTT.- BAHRAICH (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.	2.15	CUM	197.05	423.90
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)	0.469	CUM	5156.68	2417.20
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	6847.63	3697.72
4	R.C.C. work in R.C.C. Raft foundation and footing with approved stone ballast.(Using 1:1.5:3 Mix concrete)	0.975	CUM	6847.63	6676.44
5	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	0.552	CUM	6847.63	3779.89
6	Boring, providing and installation bored cast-in-situ reinforced cement concrete piles of grade M-25 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. (300 mm dia piles)	24.00	RM	2320.66	55695.82
7	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.	4.05	QTL.	8164.25	33065.19
8	12 mm cement plaster 1:6 (1 cement: 6 coarse sand)	6.720	SQM	260.14	1748.16
9	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	6.720	SQM	88.49	594.67

उपरोक्त प्रमाणित किया गया है कि
निर्माण कार्य पूर्णतः सही है

महानगर
उ० प्र० पुलिस शाला नि०

उ० प्र० पुलिस शाला नि०
निर्माण कार्य, बखनक

BOQ OF GATE

76

10	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)	486.000	KG	130.66	63499.89
11	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.	10.800	SQM	129.22	1395.57
12	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	5964.02	271.36
13	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Foundations, footings, bases of columns, etc. for mass concrete	8.050	SQM	296.86	2389.70
(b)	Columns, Pillars, Piers, Abutments, Posts and Struts	6.480	SQM	727.70	4715.52
				TOTAL	180371.05

Arch

For Approval
 Signature of the
 Engineer in Charge

M

For Approval
 Signature of the
 Engineer in Charge

A

For Approval
 Signature of the
 Engineer in Charge

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

DISTT.- BAHRAICH (U.P.)

ABSTRACT OF COST- D.G. SET PLATEFORM

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	197.05	815.77
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.	0.000	CUM	530.28	0.00
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	5156.68	7322.49
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	0.522	CUM	1607.68	839.21
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	8709.66	36580.59
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	5399.11	647.89
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.	2.308	QTL	8164.25	18842.26
8	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.	3.300	SQM	260.14	858.47

30प्र० पुर्णतः प्रमाणित निगम लि०
निर्माण इकाई-राखनक

30 प्र० पुर्णतः प्रमाणित निगम लि०
निर्माण इकाई

इकाई प्रमाणी
30प्र० पुर्णतः प्रमाणित निगम लि०
निर्माण इकाई, राखनक

9	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).	7.000	SQM	464.95	3254.65
10	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	1.620	SQM	501.17	811.90
11	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	3.300	SQM	88.49	292.03
				TOTAL	70265.26
		Say Rs.		0.70	Lacs.

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सहायक अभियन्ता
३० प्र० पुलिस काबजा निगम लि०
नागपूर इलाहाबाद

इकाई प्रमारी
ज०प्र० पुलिस आवास निमन लि०
विभाजन इकाई, लखनऊ

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1	2	3	4	5	6	7	8	9	10	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
1	2	3	4	5	6	7	8	9	10	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

8	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	260.14	1951.07
9	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	464.95	2789.70
10	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	501.17	1578.69
11	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	147.77	5266.39
12	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	7.500	SQM	88.49	663.70
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	1.728	SQM	129.22	223.29
14	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	50.08	480.73
				TOTAL	60031.03
		Say Rs.		0.60	Lacs.

उ.प्र. पुस्तकालय निगम लि.
वर्धमान इकाई-वाराणसी

सहायक आयोजना
म. प्र. पुलिस का. विद्या लि.

इ.स.ई. प्रभारी
स०प्र० पुरित्त भवनार्थ विनय सिंह
निर्माण प्रभारी, जयनगर

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

DISTT.- BAHRAICH (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 Vt 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	1989425.00	1989425.00	19.89
	Other Features					
	1 Battery Operated Emergency Light And Alarm Bell					
	2 Call Register Signal And Vt 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					

अभिषेक मिश्रा

उप निरीक्षक

सहायक अभियन्ता

उ० प्र० पुलिस आवास निगम लि०

बाराहना अक्षाई

उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, बाराहना

**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: Turbobcharged 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 °C, 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
	TOTAL RS.				6,68,464.17
				SAY IN LACS	6.68

Arora

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FOR THE PROJECT MANAGER
PROJECT MANAGER
PROJECT MANAGER

FOR THE PROJECT MANAGER
PROJECT MANAGER
PROJECT MANAGER

ANALYSIS RATE FOR 100.0 Sqm. C.C. FLOOR									A.R.-II
Name of work - C10 F.S. Batching (3/4) Unit									
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.								
		1	10.00	10.00	0.100	10.00	CUM	@ 5964.02	59640.20
2	Trimixing of the surface of the cement concrete laid.								
		1	10.00	10.00		100.00	SQM	@ 151.40	15140.00
3	Providing and laying in position bitumen hot sealing compound for expansion joints etc.								
	Using grade 'A' sealing compound.	6	10.00			60.00	RM	@ 6.55	393.00
COST OF 100.00 SQM. P.C.C. FLOOR								TOTAL	75173.00
(TRIMIX) HENCE COST OF 1.00 SQM. P.C.C. FLOOR								SAY RS.	751.73

अर्थी
उपरोक्त कार्ययन्त्रा
कोषाङ्क अनुसार निम्न लि०
निर्माण इकाई-लखनऊ

अर्थी
उपरोक्त कार्ययन्त्रा
कोषाङ्क अनुसार निम्न लि०
निर्माण इकाई-लखनऊ

अर्थी
उपरोक्त कार्ययन्त्रा
कोषाङ्क अनुसार निम्न लि०
निर्माण इकाई-लखनऊ

ANALYSIS OF RATE									
APRON DRAIN (SIZE = 150 MM. X 150 MM)									
Name of work - C/O F.S. Baharath (314) Unit									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	197.05	23.65
					[0.46+0.15]				
2	P.C.C. 1:4:8	1	1.00	0.530	0.075	0.04	Cum	5156.68	206.27
3	Brick work in 1:4 in foundation.	2	1.00	0.115	0.150	0.03	Cum	5579.58	167.39
4	12 MM thick plaster (1:3) cement								
	: Coarse sand with neat	2	1.00		0.15	0.30	Sqm.	340.31	102.09
	cement finish	2	1.00	0.115		0.23	Sqm.	340.31	78.27
5	25 MM thick flooring (1:2:4)	1	1.00	0.150		0.15	Sqm.	290.59	43.59
GRAND TOTAL RS.									621.26
									PER RM

Analysis of Rate for Man Hole 600X600					
Name - C/o F.S. Barhwal (314)					
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	197.05	197.73
2-	Cement concrete in 1:5:10	0.208	Cum	4934.58	1026.45
3-	Cement concrete in 1:2:4	0.01	Cum	5964.02	53.68
4-	Plaster 12mm in 1:4	1.88	Sqm	262.72	493.80
5-	Brick work in 1:6	0.419	Cum	5399.11	2260.87
6-	RCC in slab in 1:1.5:3	0.100	Cum	8709.66	870.97
7-	Steel reinforcement	5.495	kg	81.64	448.63
8-	C.I. Rectangular cover 455*610mm with frame(low duty)	1	NOS	1165.78	1165.78
					6517.90
				Total	6517.90
				Say	6518.00

[Signature]

अवर अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई-लखनऊ

[Signature]

इकाई प्रभारी
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

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

BAR - CHART																			
U.P. Police Avas Nigam Ltd., Construction Unit- Lucknow																			
NAME OF WORK - CONSTRUCTION OF FIRE STATION (G+0) (3/4 UNITS) AT BAHARIGHAT, U.P.																			
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																	
2	Land Clearance, Lay Out & Foundation Work Up to Plinth Level	A																	
3	RCC frame Structure Upto Terrace Level	T																	
4	Brick Work U/C Fabrication Work Upto Terrace Level	A																	
5	Water supply and Electrical Conduit work	T																	
6	Plaster Work Upto Top Floor	A																	
7	Flooring : wall tiles Work & Electrification work	T																	
8	Painting & finishing work	A																	
9	Lift and D.G. Set work																		
10	Development Work	T																	
11	External electrical Work i/c Transformer, LT Line etc	A																	
		T	TARGET																
		A	ACHIEVE																
	NOTE:-	ACTUAL DATE OF START & COMPLETION WILL BE AS PER AGREEMENT																	

५२
सुभाष चन्द्र बोस विद्यापीठ
मुंबई

2

1. 1. The first
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 28. 28. The twenty-eighth
 29. 29. The twenty-ninth
 30. 30. The thirtieth
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 32. 32. The thirty-second
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 37. 37. The thirty-seventh
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 40. 40. The fortieth
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 50. 50. The fiftieth
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 64. 64. The sixty-fourth
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 66. 66. The sixty-sixth
 67. 67. The sixty-seventh
 68. 68. The sixty-eighth
 69. 69. The sixty-ninth
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 73. 73. The seventy-third
 74. 74. The seventy-fourth
 75. 75. The seventy-fifth
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 77. 77. The seventy-seventh
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 80. 80. The eightieth
 81. 81. The eighty-first
 82. 82. The eighty-second
 83. 83. The eighty-third
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 86. 86. The eighty-sixth
 87. 87. The eighty-seventh
 88. 88. The eighty-eighth
 89. 89. The eighty-ninth
 90. 90. The ninetieth
 91. 91. The ninety-first
 92. 92. The ninety-second
 93. 93. The ninety-third
 94. 94. The ninety-fourth
 95. 95. The ninety-fifth
 96. 96. The ninety-sixth
 97. 97. The ninety-seventh
 98. 98. The ninety-eighth
 99. 99. The ninety-ninth
 100. 100. The hundredth

PROJECT:-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST:- BAHRACH (U.P.)

CLIENT:-

HOME DEPARTMENT

BUILDING:-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

CENTER LINE PLAN
(GROUND FLOOR TO FIRST FLOOR)

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 FIRM IS RESERVED. THE DRAWING 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 ATTENTION OF THE ARCHITECT BEFORE EXECUTION.
5. THERE ARE ONLY THE CONCEPT PLAN, ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL DIMENSIONS SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED DUCTWORKS SERVICES CHUTE SHALL BE PROVIDED AS PER THE REQUIREMENT.
8. PLUMB AREA CALCULATION IS BASED ON AS PER IS CODE 3941:2003.
9. THE DRAWING IS FOR THE INFORMATION OF THE CLIENT. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE PERMISSION OF THE ARCHITECT.
10. THE DRAWING IS FOR THE INFORMATION OF THE CLIENT. THE DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE PERMISSION OF THE ARCHITECT.

MANAGER (ARCH):-

G.M.:-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE:-

DRG. NO.:-

SCALE:-

NORTH:-

DEALT BY:-

ARCHITECT:-

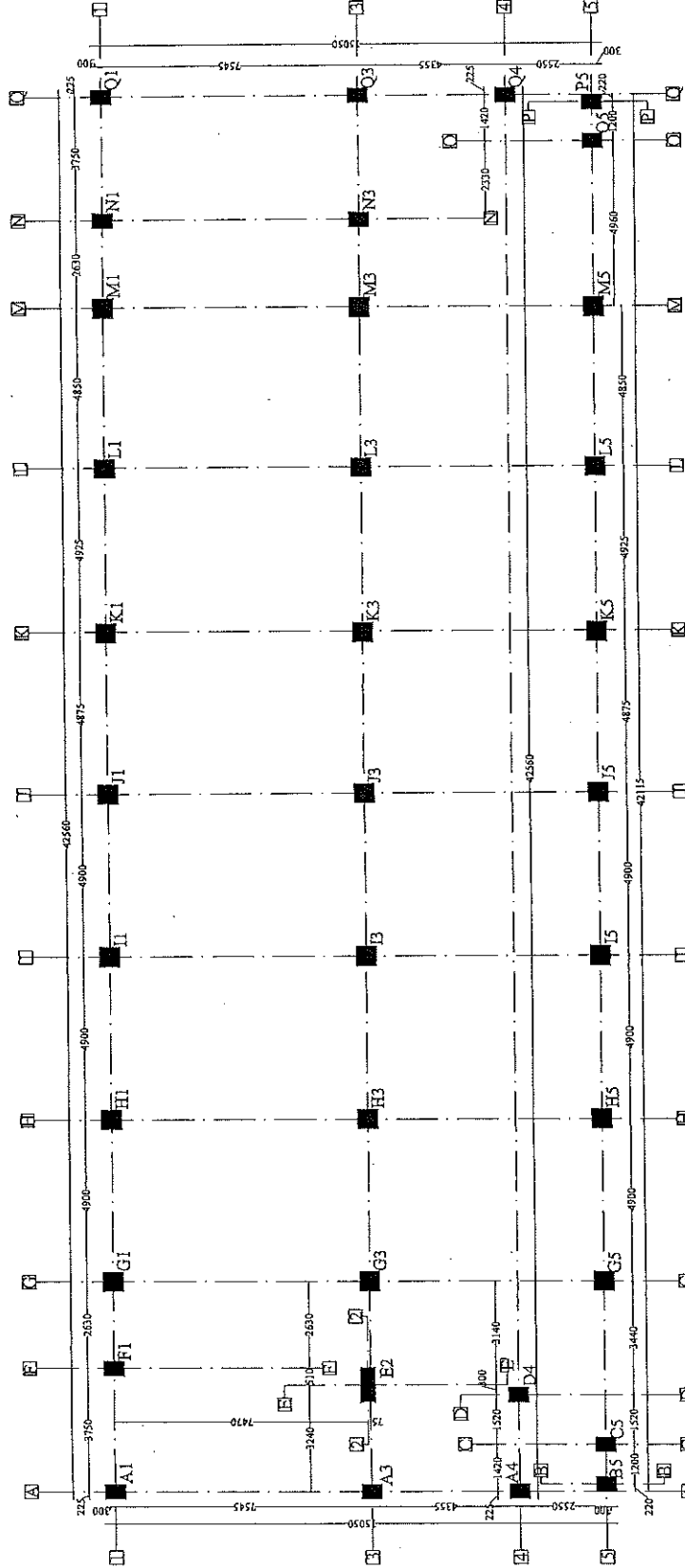
PRANSHU VERMA

AR. PRAPHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 ACP-110 SECTOR-3 DUSHEANT GOLF CITY
SHAJEEH PATE LUCKNOW-226029.
MOBILE-9793453511
swastikaarchitect@gmail.com



CENTRE LINE PLAN

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

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
नर्मदा इकाई

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
नर्मदा इकाई

अवर अभियन्ता
उ० प्र० पुलिस आवास निगम
नर्मदा इकाई-सखनऊ

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

GROUND FLOOR PLAN

- NOTES :-
1. ALL DIMENSIONS ARE IN MM.
 2. THIS DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE REPRODUCED.
 3. THIS DRG. IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT IMMEDIATELY. THE ACTUAL AREA MAY DIFFER FROM THE AREA CALCULATED IN THIS DRAWING.
 5. DEER AT LATE STAGE OF PRELIMINARY & TENDER DRAWINGS.
 6. ALL THE COLUMNS SIZE, SPACING AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
 7. OTHER ANY REQUIRED DUCT / OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
 8. AREA CALCULATION IS BASED ON AS PER IS CODE.
 9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT.
 10. DEPARTMENT (FIRE & EMERGENCY SERVICE DEPARTMENT).

PLINTH AREA AS PER IS 381 (2018)
GROUND FLOOR AREA - 568.08 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 - 571.25 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.
TOTAL FLOOR AREA - 5485.91 SQ.MT.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-02

SCALE :-

NORTH :-

DEALT BY :-

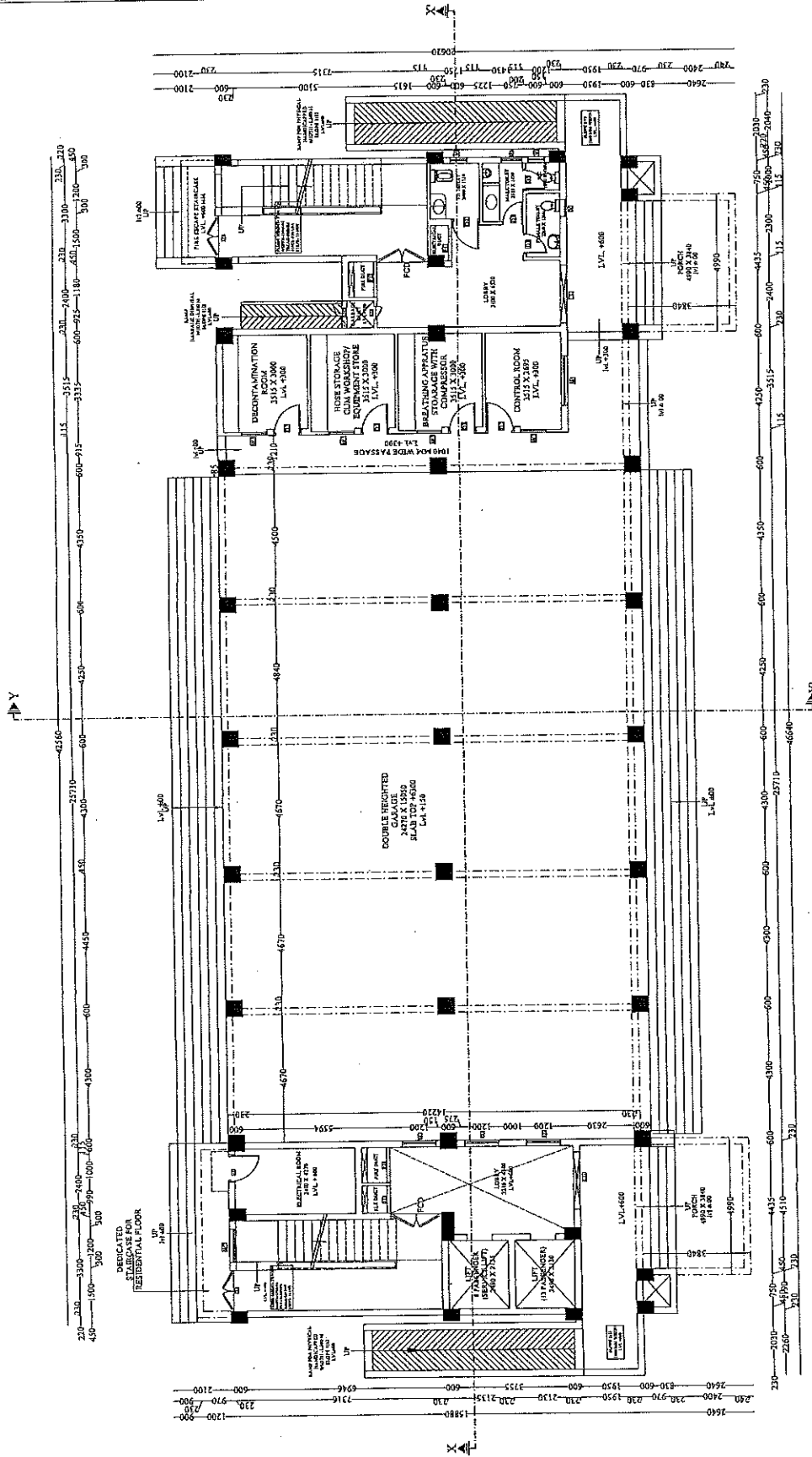
ARCHITECT :-

PRANSHU VERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR-20, SUSHANT GOLF CITY
SHAHED PATH, FRAZAR, Noida-201301
www.swastikaarchitects.com



GROUND FLOOR PLAN

COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	568.08 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 -	571.25 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.
TOTAL FLOOR AREA -	5485.91 SQ.MT.

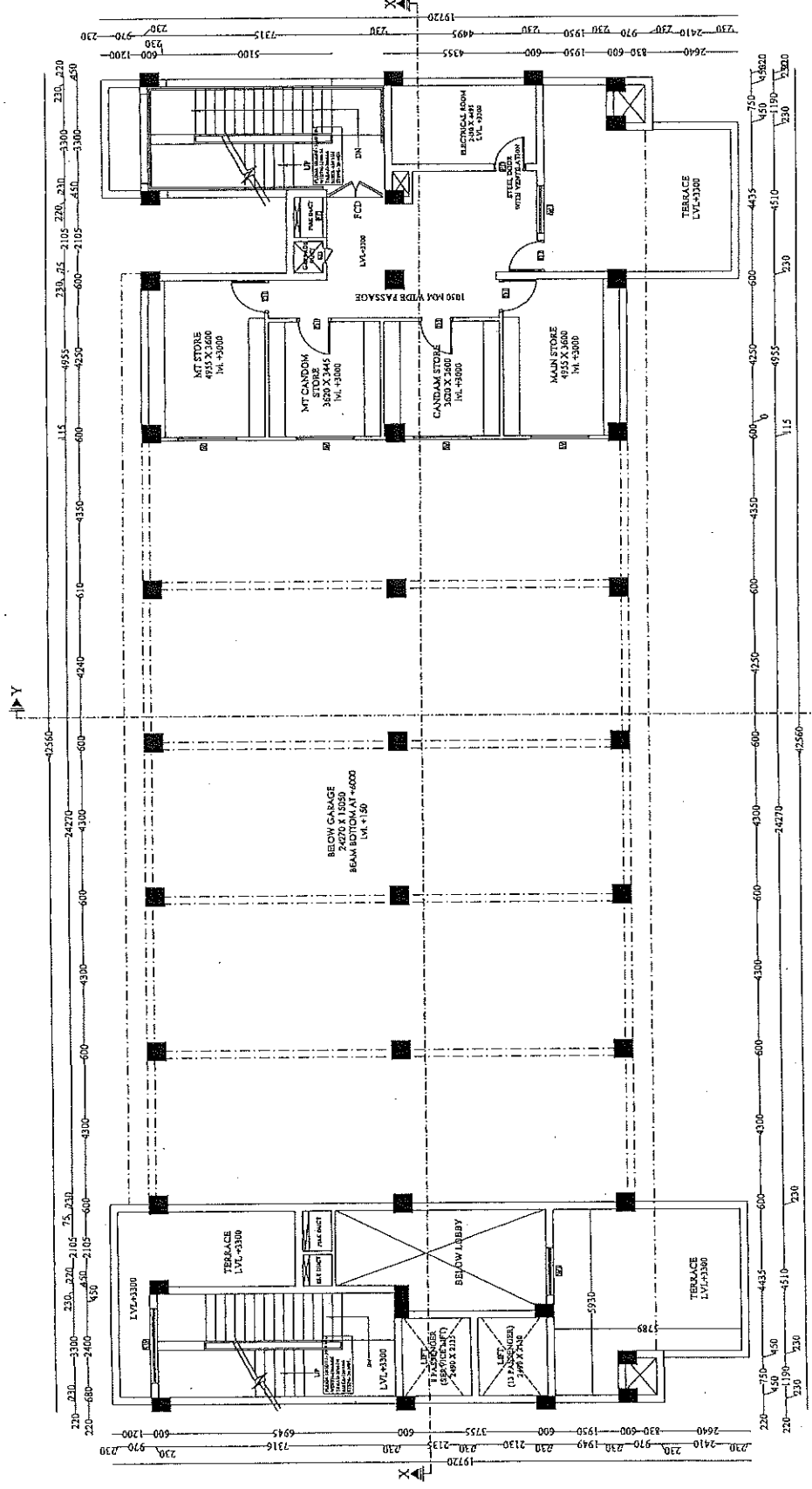
प्रभात आवास निगम लि०
इकाई प्रमाण
उपरोक्त आवास निगम लि०
निर्माण इकाई :-

प्रभात आवास निगम लि०
(B.Arch, M. Plan)
CA/2008/43652

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई :-

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

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT BAHAICH, DIST:- BAHAICH (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 DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING 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 THE CONCEPT PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF FLOORMARKET & TENDER. 6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT'S REQUIREMENT. 7. ALL THE WALLS ARE TO BE CONSTRUCTED AS PER CHUTE & WALL REQUIREMENT. 8. PLANT AREA CALCULATION IS BASED ON AS PER FIRE CODE. 9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT. 10. REQUIREMENT OF THE FIRE DEPARTMENT.	
PLANT AREA AS PER IS 1861:2002 GROUND FLOOR AREA - 62.08 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. TOTAL FLOOR AREA - 5486.91 SQ.MT.	
MANAGER (ARCH) :- G.M.:	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-03
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY SHAHRDIPATRI LUCKNOW-226029, MOBILE:-97943311 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT SHEET

GROUND FLOOR AREA -	62.08 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.

FIRST FLOOR PLAN

अवर अभियन्ता
उमर पुलिस आवस निगम लि०
निर्माण इकाई
सहायक अभियन्ता
र० प्र० पुलिस आवस निगम लि०
निर्माण इकाई

PRAPHULLA KUMAR GUPTA
(B.Arch., M.Plani)
CA/2008/43632

इसका प्रमाणित किया जाता है
प्रमाणित किया जाता है
प्रमाणित किया जाता है

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

SECOND FLOOR PLAN

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO SCALE.
3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PROCEEDING TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THERE ARE ONLY THE CONCEPT PLAN ACTUAL DRAWING MAY BE MADE AFTER STAGE OF PRELIMINARY & TENDER DRAWING.
6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER REQUIRED AS PER REQUIREMENT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. PLUMBING AREA CALCULATION BASED ON AS PER IS CODE.
9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT DEPARTMENT FIRE & EMERGENCY SERVICES DEPARTMENT.

FLOOR AREA AS PER IS 1861:2002
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 - 58.46 SQ.MT.
TOTAL FLOOR AREA - 5486.91 SQ.MT.

G.M.:-

MANAGER (ARCH):-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-04

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

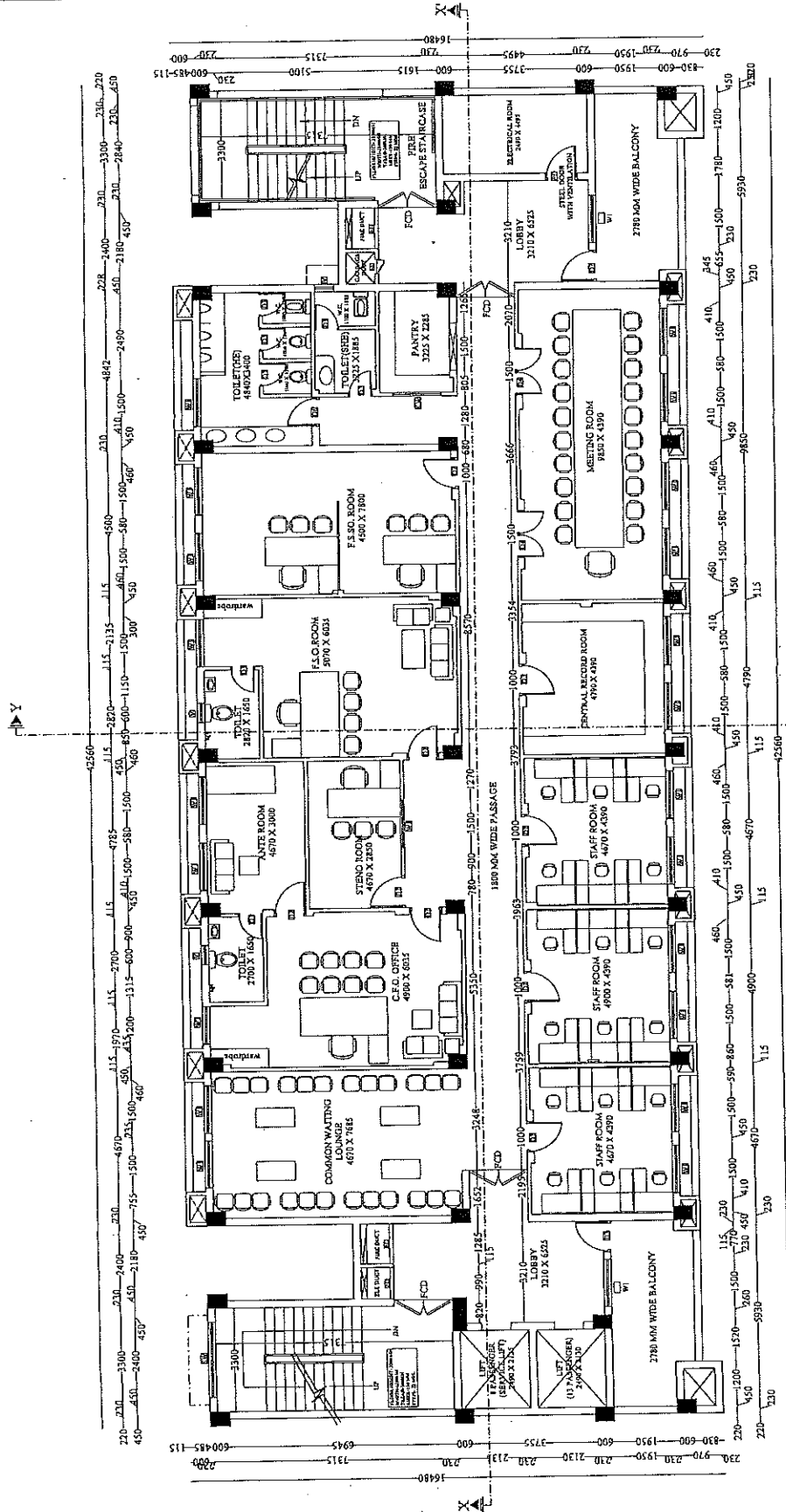
PRANSHU VERMA

AR. PRAPHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGH-110 SECTOR -D SUNSHINE GOLF CITY
SEAHED PATH LUCKNOW-226009,
MOBILE-9793403211
swastikarchitect@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 -	609.85 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

उ० प्र० पुलिस आवास निगम इल०

निर्माण इकाई

अवर अभियन्ता

उ० प्र० पुलिस आवास निगम लि०

निर्माण इकाई-लखनऊ

इलाई प्रमोरी

उ० प्र० पुलिस आवास निगम इल०

निर्माण इकाई, लखनऊ

प्रमोरी

प्रमोरी

प्रमोरी

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प्रमोरी

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

THIRD FLOOR PLAN

- NOTES :-
1. ALL DIMENSIONS ARE IN MM.
 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED.
 3. THE PROPERTY OF MR. SWASTIKA ARCHITECTS IS RESERVED. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
 4. IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
 5. THESE ARE ONLY THE PRELIMINARY & TENTATIVE DRAWING AT LATER STAGE OF PRELIMINARY & TENDER.
 6. ALL THE COLUMN SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND PORTION WILL BE AS PER THE STRUCTURE CONSULTANT'S SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
 7. PLUMB AREA CALCULATION IS BASED ON AS PER CODE.
 8. PLUMB AREA CALCULATION IS BASED ON AS PER CODE.
 9. PLUMB AREA CALCULATION IS BASED ON AS PER CODE.
 10. PLUMB AREA CALCULATION IS BASED ON AS PER CODE.
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 19. PLUMB AREA CALCULATION IS BASED ON AS PER CODE.
 20. PLUMB AREA CALCULATION IS BASED ON AS PER CODE.

PLUMB AREA AS PER IS 3661:2001
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 - 571.52 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 - 584.62 SQ.MT.
TOTAL FLOOR AREA - 5486.91 SQ.MT.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-05

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

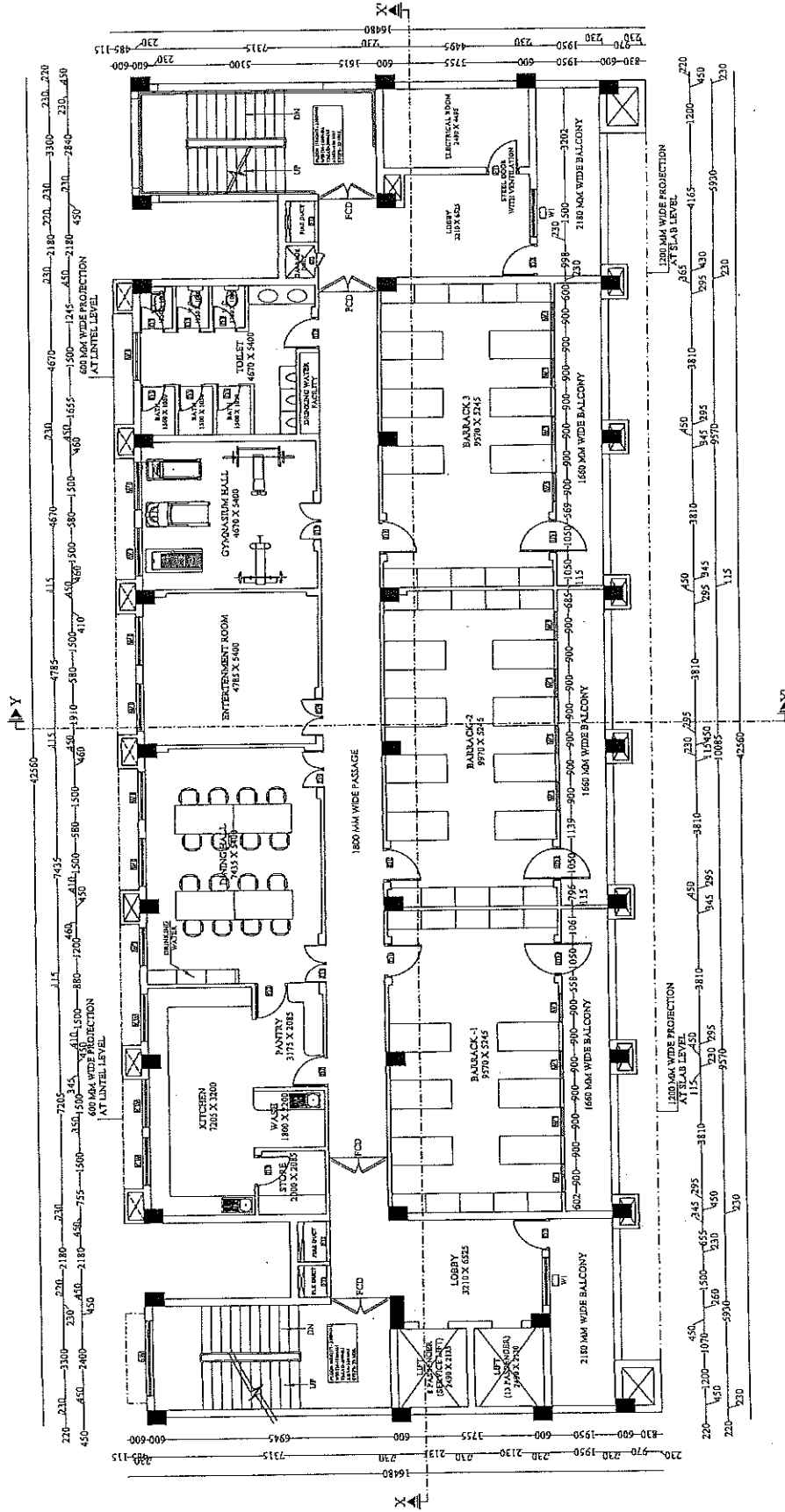
PLANSHEET NUMBER

AR - PRABHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AOF-110 SECTOR - D SUSHANT GOLF CITY
SHARAD PATH LUCKNOW-226029,
MOBILE 9795435311
swastikaarchitects@gmail.com



THIRD FLOOR PLAN

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 -	571.52 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 -	584.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

उपरोक्त पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई-लखनऊ

PRABHULLA GUPTA
(Arch. M.P.Eng)

CA/2009843652

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

FOURTH FLOOR PLAN

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. VERTICAL DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE USED FOR CONSTRUCTION.
3. THE PROPERTY OF MRS. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
4. THE ARCHITECT'S NAME IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.
5. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY BE DIFFERENT.
6. ALL THE COLLIMAS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONTRACT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
7. PLANT AREA CALCULATION IS BASED ON AS PER IS CODE.
8. MANAGEMENT OF THE BUILDING, AS PER THE CLIENT.
9. MANAGEMENT (RISK & EMERGENCY SERVICES DEPARTMENT)

PLANT AREA AS PER IS 3486:2008
GROUND FLOOR AREA - 668.08 SQ.MT.
FIRST FLOOR AREA - 230.48 SQ.MT.
SECOND FLOOR AREA - 609.85 SQ.MT.
THIRD FLOOR AREA - 571.52 SQ.MT.
FOURTH FLOOR AREA - 521.26 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 - 5486.91 SQ.MT.

G.M. :

MANAGER(ARCH) :

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-06

SCALE :-

NORTH :-

DESIGN BY :-

ARCHITECT :-

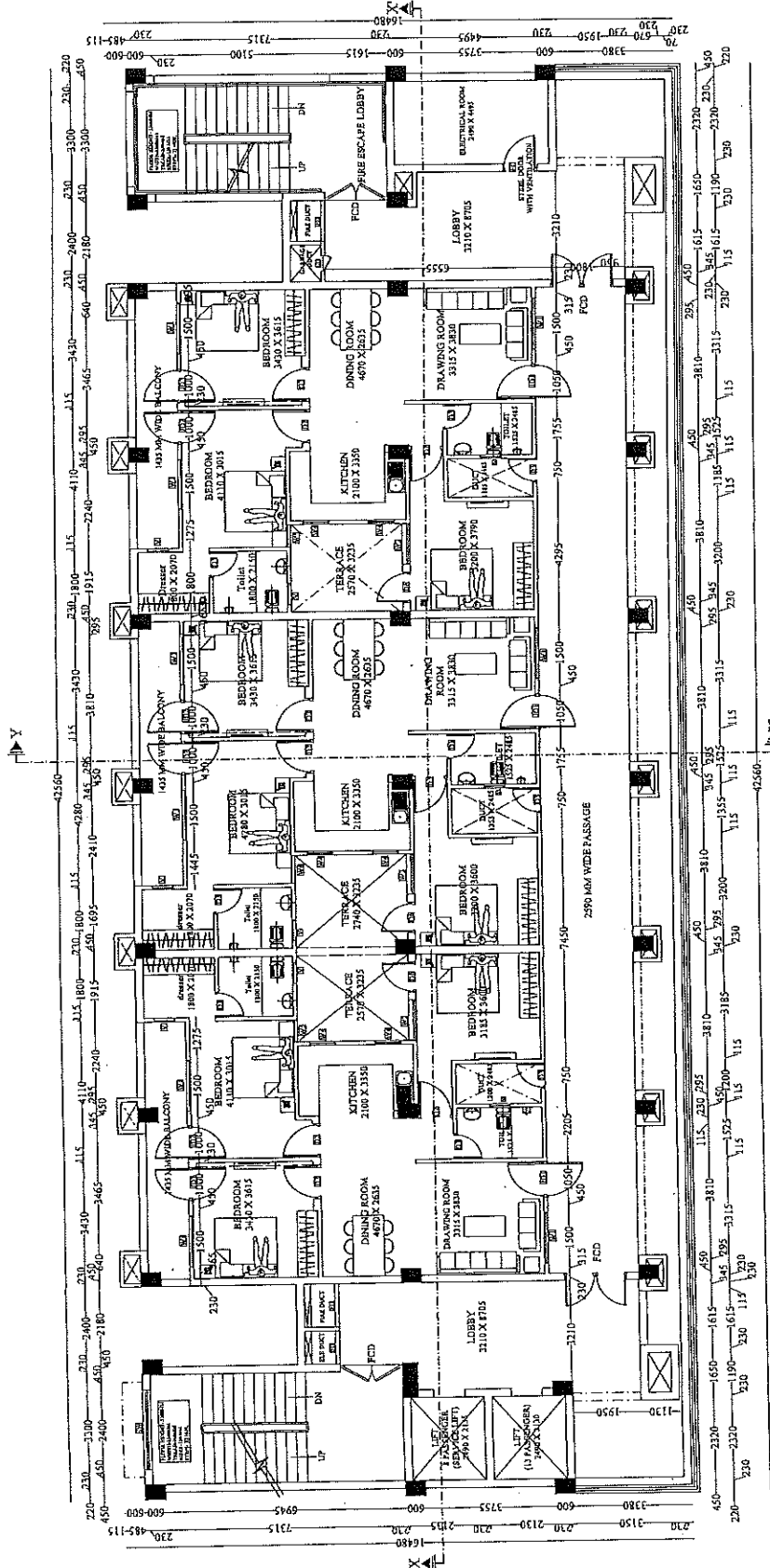
PRANSHU VERMA

AR. PRASHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECT & INTERIOR DESIGNERS
SS-2 AOF-110 SECTOR-30 SUBHANT GOLF CITY
SHAHED PATH LUCKNOW-226009,
MOBILE 979443311
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 -	571.52 SQ.MT.
FOURTH FLOOR AREA -	521.26 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.
MUMTY AREA X 2 -	31.62 SQ.MT.
MACHINE ROOM -	5486.91 SQ.MT.
TOTAL FLOOR AREA -	

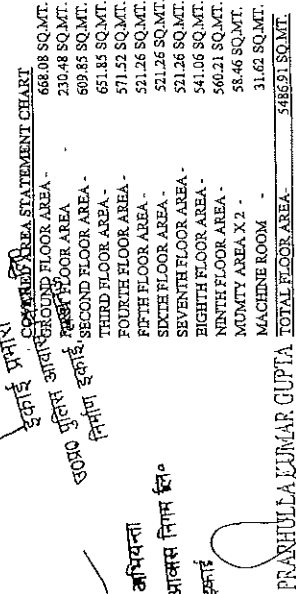
PRASHULLA GUPTA
(B.Arch, M.Planning)
CA/2008/43652

उ० प्र० पुलिस आवास निर्माण लि०
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अवर अभियन्ता
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निर्माण इकाई-लखनऊ

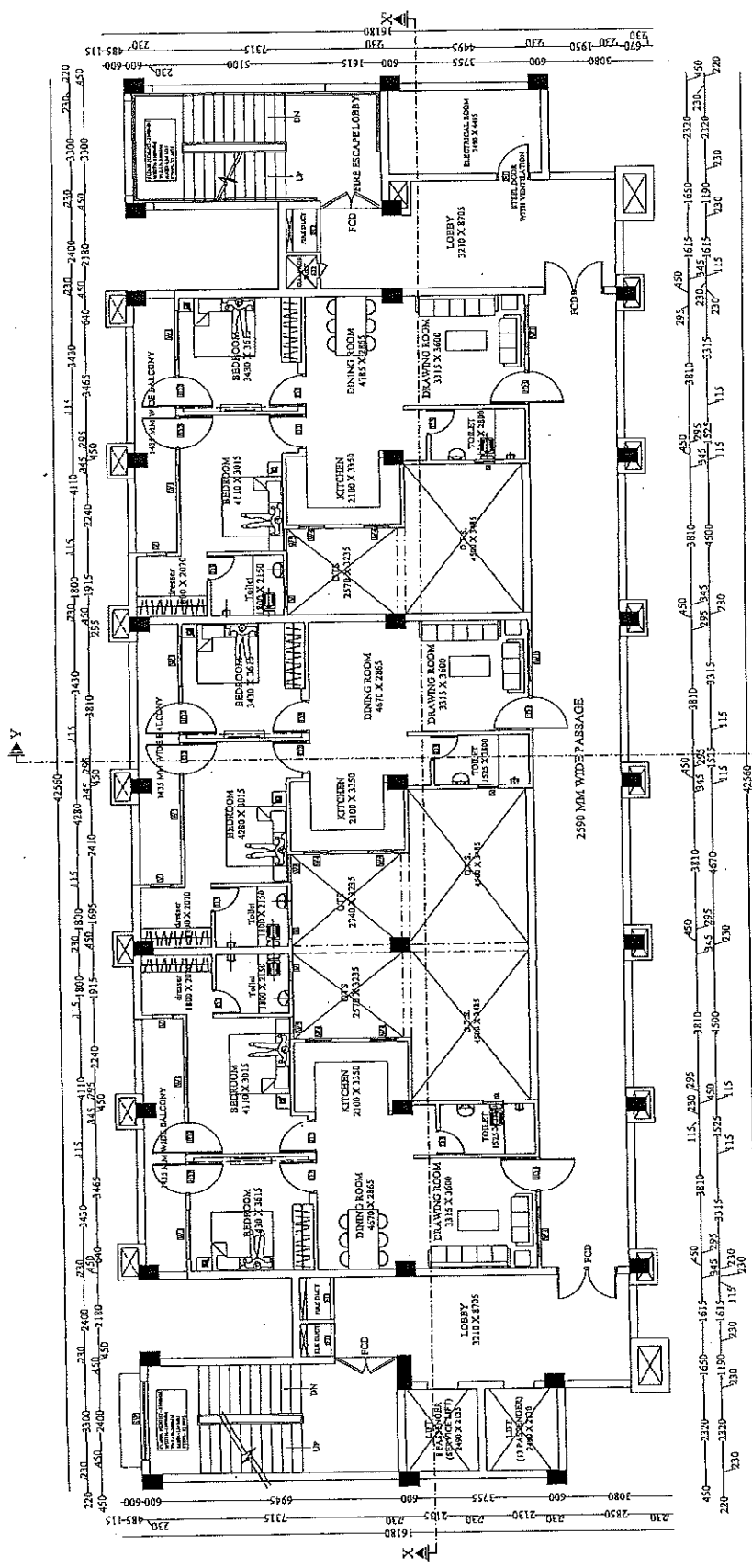
FOURTH FLOOR PLAN
TYPE A (UNIT AREA-105.00 SQ.MT.)

swaptikarchitect@gmail.com,



उ०प्र० पुलिस आवास निगम लि०
अवर अभियन्ता
-रूपाण इकाई-साखनऊ

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT BAHAUCH, DIST:- BAHAUCH (U.P.)	
CLIENT:- HOME DEPARTMENT	
BUILDING:- FIRE STATION (3/4 UNIT)	
DRC. TITLE:- SIXTH TO SEVENTH FLOOR PLAN	
<p>NOTES:-</p> <ol style="list-style-type: none"> 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 IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION, THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY DIFFER AT LATER STAGE OF PRELIMINARY & TENDER. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT'S SERVICES CRUISE WILL BE PROVIDED AS PER REQUIREMENT. 6. PLANT AREA CALCULATION IS BASED ON PER 14 CODE. 7. PLANT AREA OF THE BUILDING AS PER THE CLIENT'S ATTACHMENT FIRE & EMERGENCY SERVICES DEPARTMENT. 	
<p>PLANT AREA AS PER IS 3800:2012</p> <p>GROUND FLOOR AREA - 668.08 SQ.MT.</p> <p>FIRST FLOOR AREA - 230.48 SQ.MT.</p> <p>SECOND FLOOR AREA - 609.85 SQ.MT.</p> <p>THIRD FLOOR AREA - 571.52 SQ.MT.</p> <p>FOURTH FLOOR AREA - 521.26 SQ.MT.</p> <p>FIFTH FLOOR AREA - 521.26 SQ.MT.</p> <p>SIXTH FLOOR AREA - 521.26 SQ.MT.</p> <p>SEVENTH FLOOR AREA - 541.06 SQ.MT.</p> <p>EIGHTH FLOOR AREA - 560.21 SQ.MT.</p> <p>NINTH FLOOR AREA - 58.46 SQ.MT.</p> <p>TOTAL FLOOR AREA - 5486.91 SQ.MT.</p>	
MANAGER/ARCH:- G.M.:	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE:-	DWG. NO.:- AR-08
SCALE:-	NORTH:-
DEALT BY:-	ARCHITECT:-
PRANSHU VERMA AR. PRASHULLA GUPTA	
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-7 AG-110 SECTOR -D SUSHANT GOLF CITY SHARADE PATIL LUCKNOW-226029, MOBILE-9793445311 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 -	571.52 SQ.MT.
FOURTH FLOOR AREA -	521.26 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.

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

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निर्माण इकाई

अर्ध अभियन्ता
उ.प्र. पुलिस आवास निगम लि.
निर्माण इकाई-लखनऊ

PRASHULLA GUPTA
(B.Arch. M. Plan)
CA/2008/45652

सहायक अभियन्ता

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

8TH FLOOR PLAN

NOTES:-
1. DIMENSIONS ARE IN MM.
2. WAITED DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED.
3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIORS. 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 ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THERE ARE ONLY TWO CONCEPT PLAN ACTUAL AREA MAY DEFER AT LATER STAGE OF PRELIMINARY & TENDER DRAWING.
6. ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE SHALL BE PROVIDED AS PER THE CLIENT.
8. MAINTAIN CALCULATION BASED ON PER IS CODE 38423881.
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MANAGER (ARCH) :-
G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

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.
NINTH FLOOR AREA -	58.46 SQ.MT.
MONTY AREA X2 -	31.62 SQ.MT.
MACHINE ROOM -	5486.91 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

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

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम इ०
निर्माण इकाई

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

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

SWASTIKA
ARCHITECTS & INTERIORS
DESIGNERS
SHABED PATH LUCKNOW-226009,
MOBILE-9799445111
swastikaarchitect@gmail.com

PRANSHU VERMA
ARCHITECTURAL CONSULTANT

DATE :-

AR-09

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

PRANSHU VERMA
ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIORS
DESIGNERS
SHABED PATH LUCKNOW-226009,
MOBILE-9799445111
swastikaarchitect@gmail.com

CA/2008/43652

PROJECT:-

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

CLIENT:-

HOME DEPARTMENT

BUILDING:-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

NINTH FLOOR PLAN

NOTES:
1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED.
3. THE DRG. IS THE PROPERTY OF M/S 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 ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY DEPEND AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL DIMENSIONS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL AREA AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICE CHUTE SHALL BE PROVIDED AS PER REQUIREMENT.
8. PLANT AREA CALCULATION IS BASED ON AS PER IS CODE.
9. ALL DIMENSIONS OF THE BUILDING AS PER THE CLIENT DRAWING WILL BE FOLLOWED.
10. SUPPLY & INSTALLATION OF THE BUILDING SHALL BE THE CLIENT'S RESPONSIBILITY.

PLANT AREA AS PER IS 8186
FIRST FLOOR AREA - 668.08 SQ.MT.
SECOND FLOOR AREA - 230.48 SQ.MT.
THIRD FLOOR AREA - 609.85 SQ.MT.
FOURTH FLOOR AREA - 651.85 SQ.MT.
FIFTH FLOOR AREA - 571.52 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 - 5486.91 SQ.MT.

MANAGER (ARCH):

G.M.:

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE:-

DRG. NO.:-

AR-10

SCALE:-

NORTH:-

DEALT BY:-

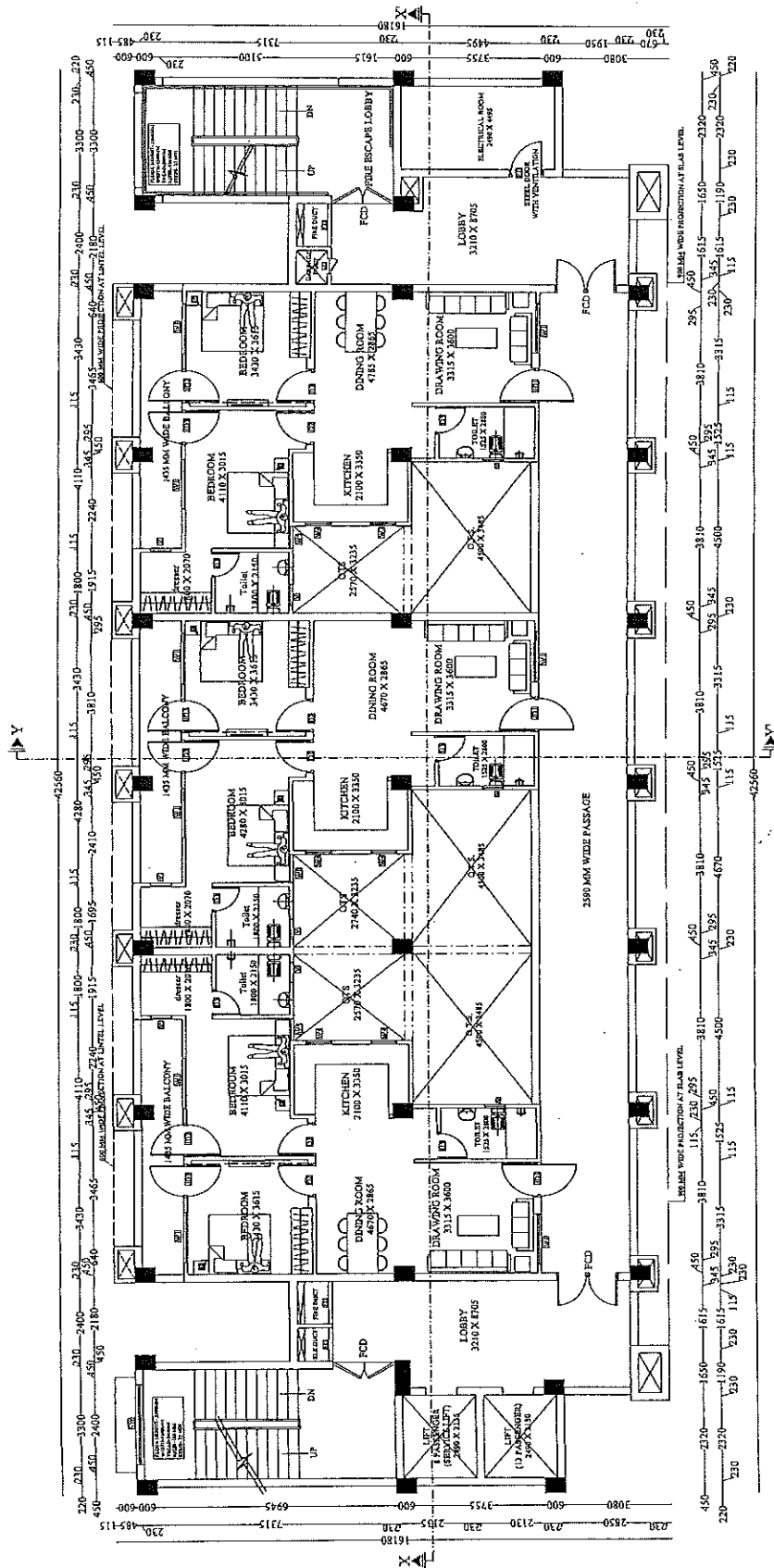
PRASHU LAKSHMI GUPTA
(BATCH No. 15/16)

PRASHU VERMA (ARCHITECT)

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGRI-10 SECTOR-10 SUSHANT GOLF CITY
SHAHED PATH LUCKNOW-226009,
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 -	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.
MUMTY AREA X 2 -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

Prashu

सिवास्विका अभियन्ता
हैर प्रशु पुलिस आवास निगम लि.
चिभाग इकाई -

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

अदर अभियन्ता
उमेश पुलिस आवास निगम लि.
चिभाग इकाई-राजपुत्र

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST:- BAHRACH (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

TERRACE FLOOR PLAN

NOTE :-
1. ALL DIMENSIONS ARE IN MM.
2. THE DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED.
3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THE DRAWING IS NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT 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 IS NOT RESPONSIBLE FOR THE STRUCTURAL DESIGN AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE FOR REFERENCE ONLY. THE FINAL PORTION WILL BE AS PER STRUCTURAL CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICE CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. THE AREA CALCULATION IS BASED ON AREA IN CORE DRAWING.
9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT)

PLINTE AREA AS PER IS 3612:2001
GROUND FLOOR AREA - 648.08 SQ.MT.
FIRST FLOOR AREA - 230.48 SQ.MT.
SECOND FLOOR AREA - 609.85 SQ.MT.
THIRD FLOOR AREA - 571.52 SQ.MT.
FOURTH FLOOR AREA - 521.26 SQ.MT.
FIFTH FLOOR AREA - 521.26 SQ.MT.
SIXTH FLOOR AREA - 541.06 SQ.MT.
SEVENTH FLOOR AREA - 560.21 SQ.MT.
EIGHTH FLOOR AREA - 584.46 SQ.MT.
NINTH FLOOR AREA - 31.62 SQ.MT.
TOTAL FLOOR AREA - 5486.91 SQ.MT.

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-11

SCALE :-

NORTH :-

DEALT BY :-

PRATHINAK KUMAR GUPTA
(B.Arch, M-Plan)

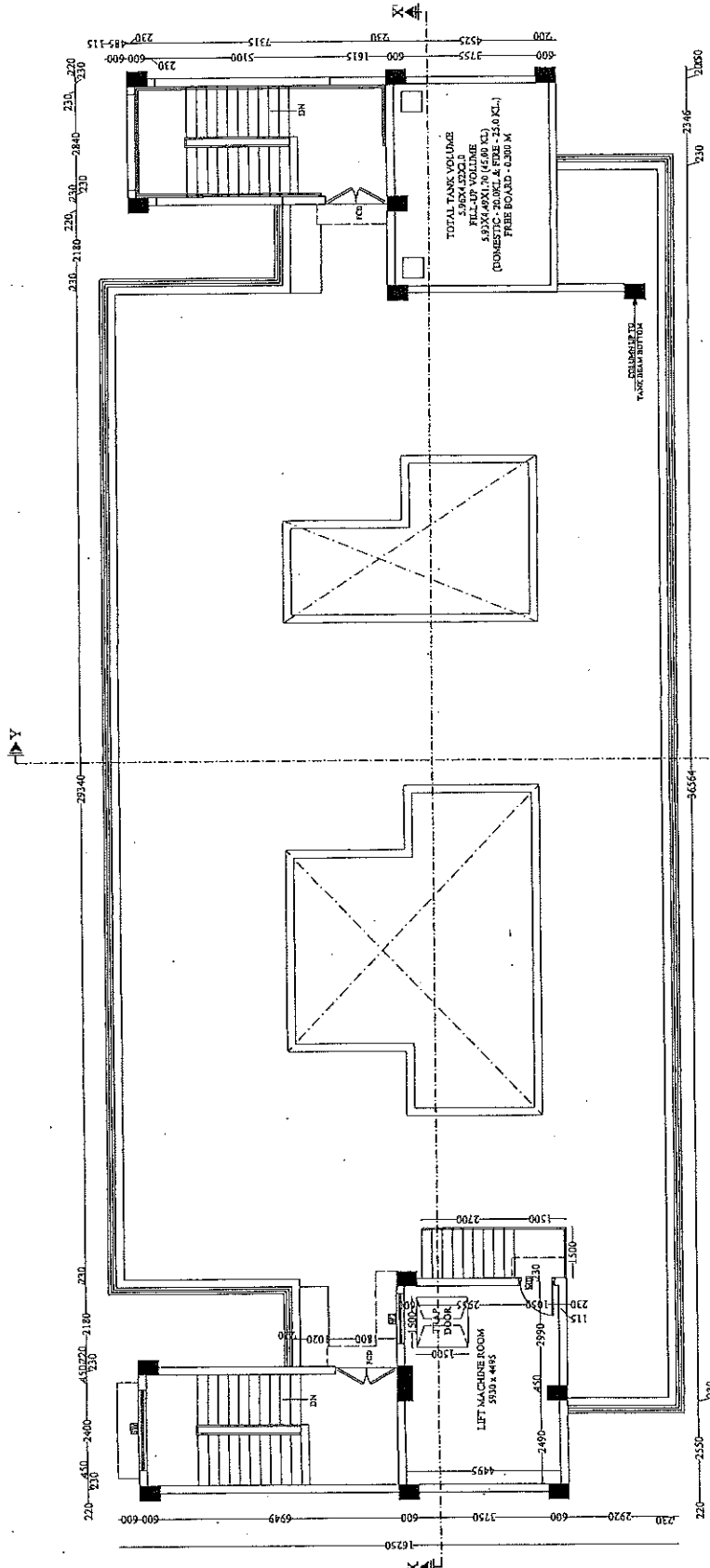
PRANSHU VERMA
C/N/2008/33/52
AT PRANSHUVERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGR-110 SECTOR-3 DUBHANT GOLF CITY
SHAHED PATH LUCKNOW-226005.

swastikaarchitect@gmail.com



TERRACE PLAN

COVERED AREA STATEMENT CHART	
GROUND FLOOR AREA -	648.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	571.52 SQ.MT.
FOURTH FLOOR AREA -	521.26 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	541.06 SQ.MT.
SEVENTH FLOOR AREA -	560.21 SQ.MT.
EIGHTH FLOOR AREA -	584.46 SQ.MT.
NINTH FLOOR AREA -	31.62 SQ.MT.
MACHINE ROOM -	5486.91 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

सहस्रक कमिपन्ता
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उ० म० पुलिस आवास निगम लि०
निर्माण इकाई-बाइनक

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

ELEVATION

1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE CALLED.
3. THE PROPERTY OF AN ARCHITECT ARCHITECTS OR ARCHITECTS ASSOCIATES ARE NOT TO BE REPRODUCED OR COPIED BECAUSE THE FULL PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE THE DRAWING IS REPRODUCED OR COPIED. OTHERWISE, THE DRAWING MAY DEFER AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
5. ALL THE COUNTRY SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER REQUIRED.
6. OTHER ANY REQUIRED BUT OTHER SERVICES CODE WILL BE PROVIDED AS PER REQUIREMENT.
7. PLUMB LINE CALCULATION IS BASED ON AS PER IS CODE.
8. THE DRAWING IS FOR THE BUILDING. AFTER THE CLIENT'S DEPARTMENT FIRE & EMERGENCY SERVICES (FIRE & ARMY).

MANAGER(ARCH):

G.M.:

CONSTRUCTION AGENCY
U.P. POLICE AWAS NIGAM

DATE: -

DRG. NO. 1-

SCALE:

NORTH :-

DEALT BY

ARCHITECT :-

PRANSHU VERMA
AR. PRADELLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
AGF-110 SECTOR -D SUSHANT GOLF CITY
SHAHEED PATH LUCKNOW-226029,
MOBILE-9793453511
svestikaarabitect@gmail.com,

PRANULLA LUMAR GUITA

CA2093/43652

FRONT ELEVATION

सहायक अभियन्ता

अ. ३॥ पलिस आवास निगम लि०

नमः

आचार्य

अवधि ०५ दिवस तक
उ०५०० नृसिंह आवास निगम लि०

सं. १५३-साखनऊ

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST.:- BAHRACH (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

REAR ELEVATION

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS TO BE FOLLOWED, DRAWING NOT TO BE SCALED.
3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIORS 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 ARCHITECT'S ATTENTION IMMEDIATELY.
5. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY DEPEND AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL DIMENSIONS SHOWN IN THE DRAWING ARE ONLY INDICATION ACTUALS AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
7. OTHER ANY REQUIRED DUCT, OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. ALL DIMENSIONS ARE CALCULATED AS PER DRAWING CODE 14131001.
9. RECONSTRUCTION OF THE BUILDING AS PER THE CLIENT'S REQUIREMENT (PRELIMINARY & TENDER DRAWING).

MANAGER/ARCHITECT :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-13

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

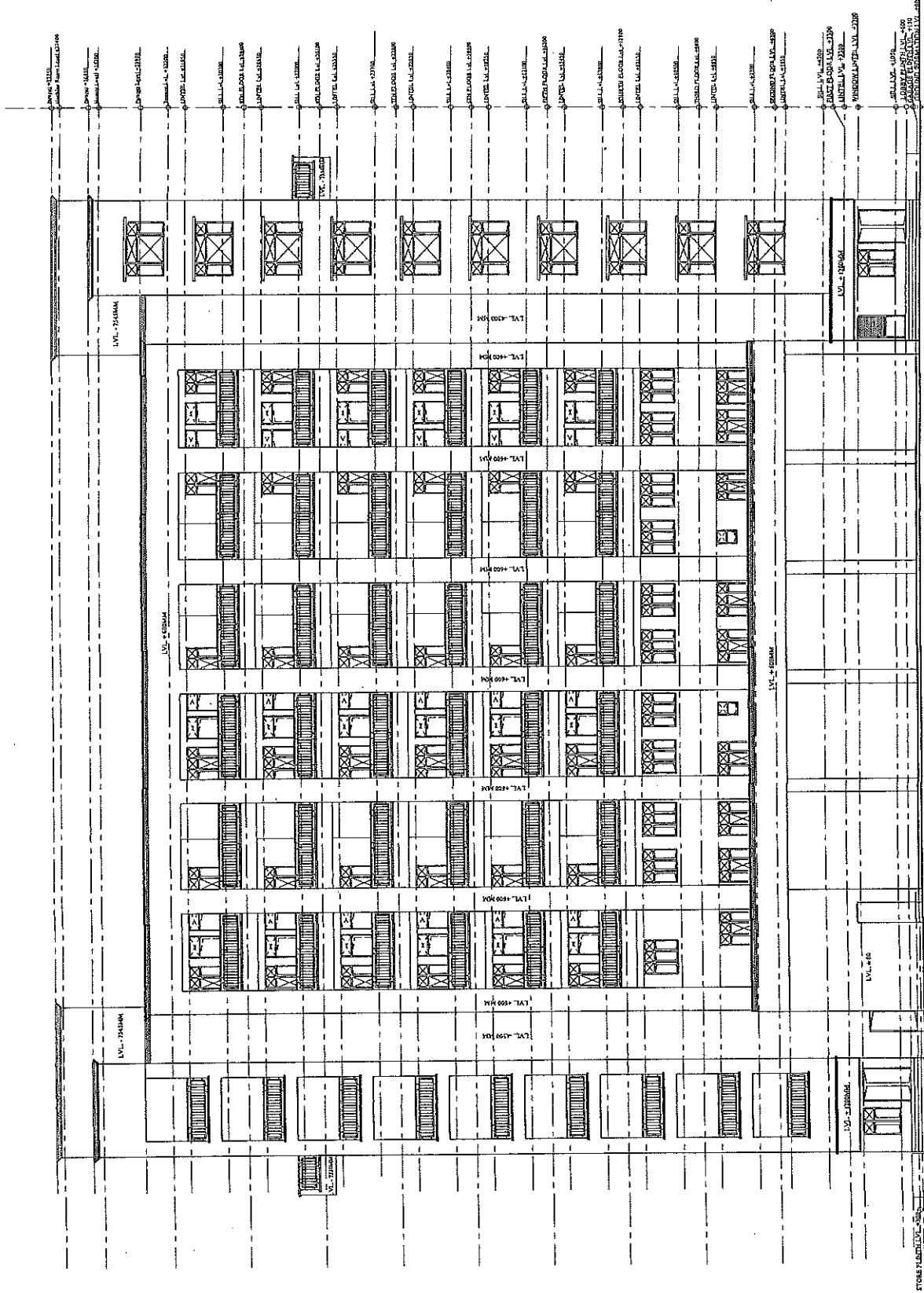
PRANSHU VERMA

AS. PRAPHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIORS DESIGNERS
SS-2, JALPAKOT, GATEWAY, GATE CITY
SHAHED PUR, LUCKNOW-226025
MOBILE-979433511
swastikaarchitect@gmail.com



REAR ELEVATION

प्रफुल्ल कुमार गुप्ता
(B.Arch. Plan)
CA/2004/3652

अविभाज्यता
सर्वोच्च न्यायालय
सर्वोच्च न्यायालय
सर्वोच्च न्यायालय

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST.:- BAHAICH (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DWG. TITLE :-

ELEVATIONS

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS ARE TO BE FOLLOWED, DRAWING NOT BE SCALED.
3. THIS DWG. IS THE PROPERTY OF M/S 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 IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT IMMEDIATELY.
5. THE DRAWING IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE USED FOR ANY OTHER PROJECT.
6. THE DRAWING IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. IT IS NOT TO BE USED FOR ANY OTHER PROJECT.
7. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. ALL DIMENSIONS ARE TO BE FOLLOWED, DRAWING NOT BE SCALED.
9. REQUIREMENT OF THE BUILDING, AFTER THE CLIENT'S APPROVAL, SHALL BE THE FINAL BASIS FOR THE DRAWING.
10. DRAWING PREPARED BY: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS

MANAGER (ARCH):

G.M.:

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-14

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

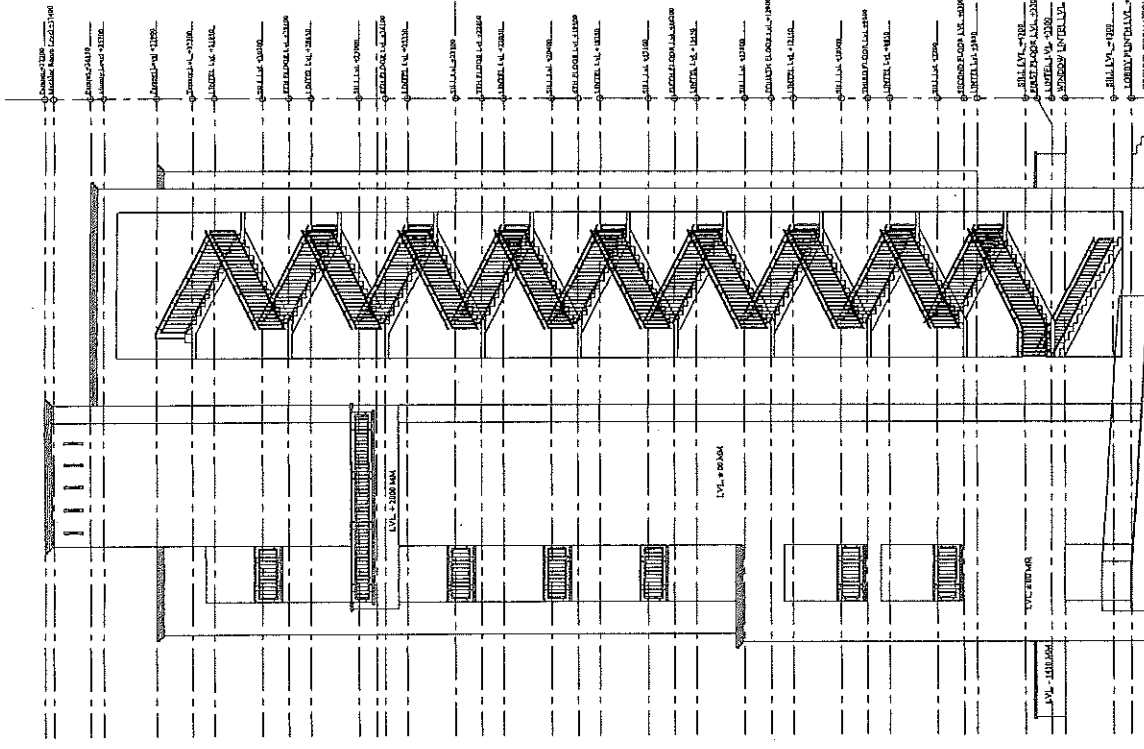
PRANSHU VERMA

AR. PRAPHULLA GUPTA

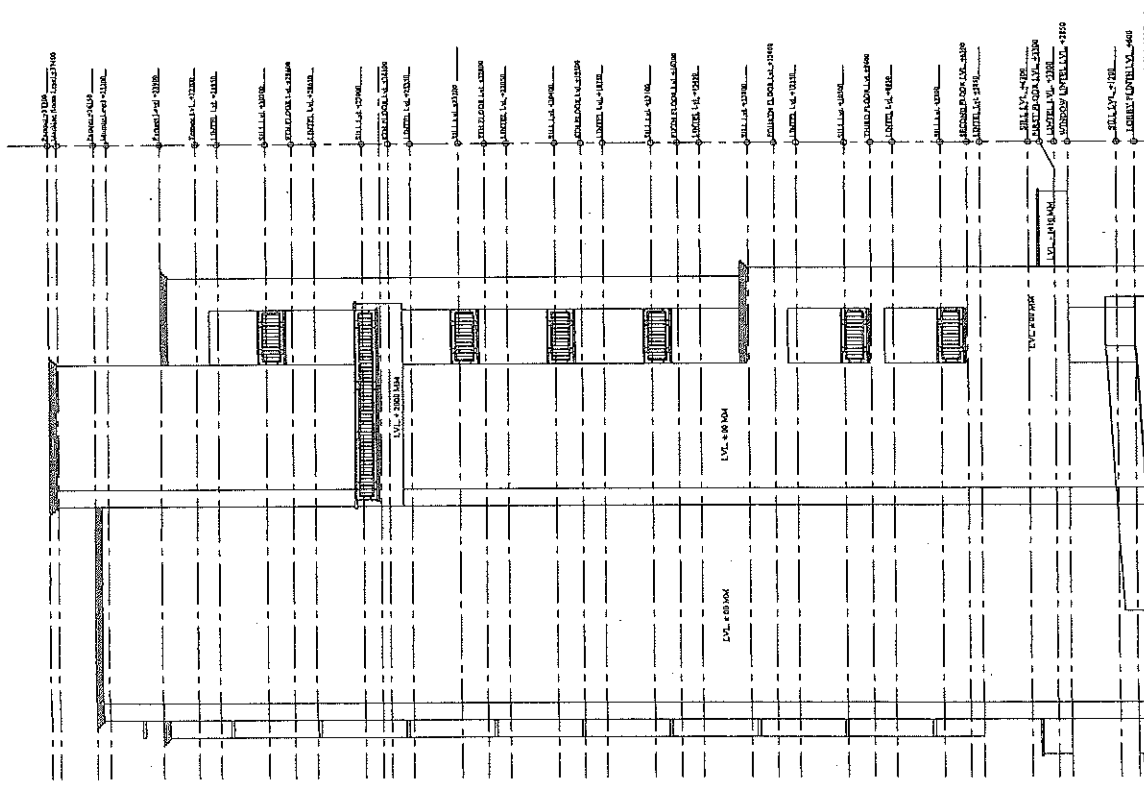
ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2, 1ST FLOOR, CHANDAN NAGAR, CITY
SIDHARTH, PATNA, UTTAR PRADESH-200002.
MOBILE: 979443311
swastikaarchitect@gmail.com



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

PRAPHULLA GUPTA
(B.Arch, Plan)
CA/2008/23652

श्री. श्री. अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
नेमांग इकाई-३

श्री. अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
नेमांग इकाई-३

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

SECTION AT YY'

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. THIS DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED.
3. THIS DRG. IS THE PROPERTY OF M/S 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 EXECUTION.
5. THERE ARE ONLY THE NECESSARY DIMENSIONS ONLY INDICATED AT THE STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL THE COLUMN SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURAL ENGINEER'S DRAWING.
7. OTHER ANY REQUIRED DUCT / OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. PLATE AREA CALCULATION IS BASED ON AS PER IS CODE.
9. MEASUREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICE DEPARTMENT)

MANAGER/ARCH :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE A WAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-15

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

PRANSHU VERMA

AR. PRAPHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

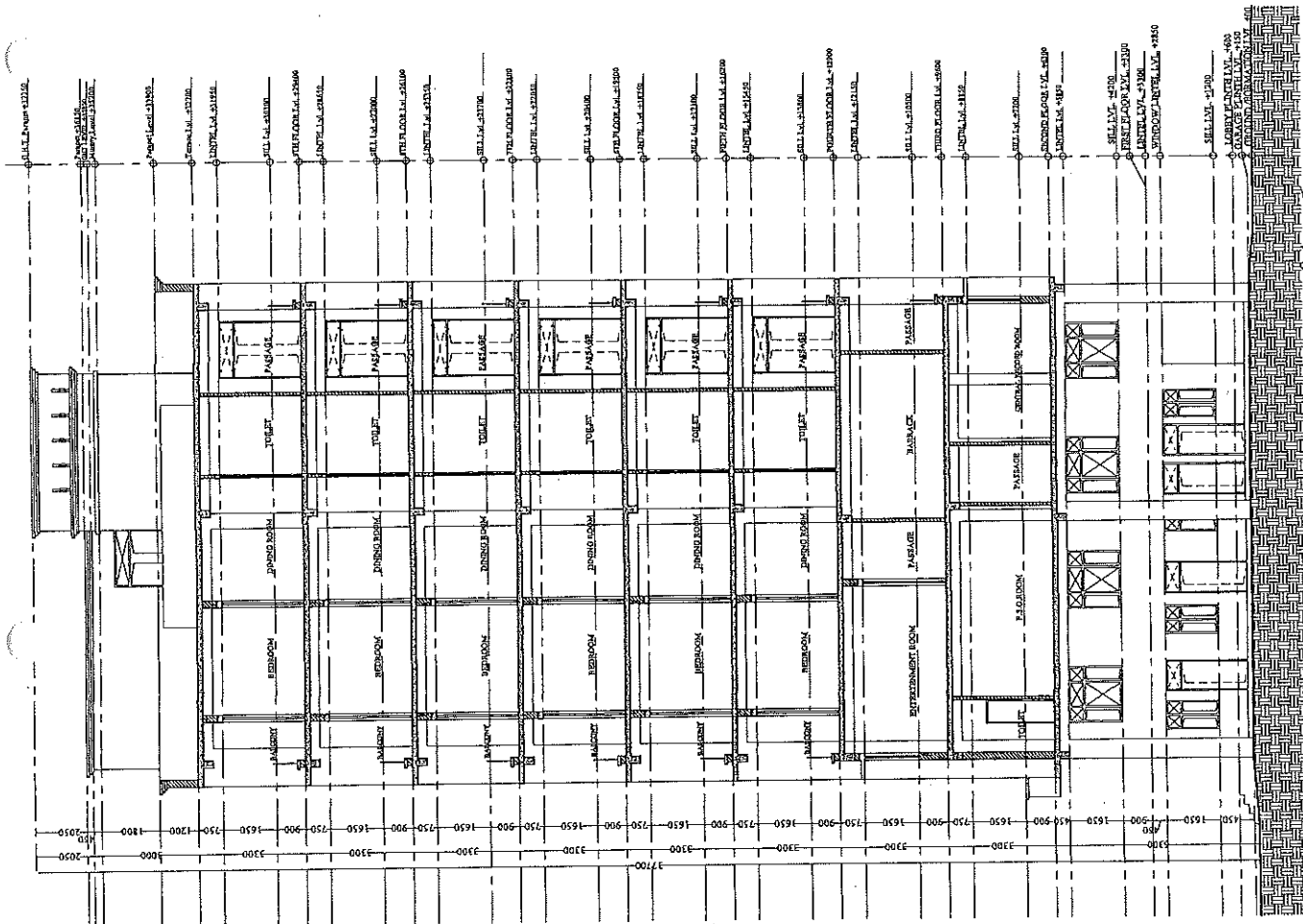
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR -D SUSHANT GOLF CITY
SHAHED PATH LUCKNOW-226029,
MOBILE 9793453511
swastikaarchitect@gmail.com

PRAPHULLA GUPTA
(B.Arch, M. Plan)
CA/2008/43632

अवर अभियन्ता
उमर पुलिस आवास निगम
मैसण इकाई-सहजक

SECTION AT YY'

सहायक अभियन्ता
उमर पुलिस आवास निगम
मैसण इकाई-सहजक



PROJECT:-

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

CLIENT:-

HOME DEPARTMENT

BUILDING:-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

SECTION AT XX

NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. UNLESS OTHERWISE SPECIFIED, DRAWING NOT TO BE SCALED.
3. THE PROPERTY OF THE ARCHITECTS.
4. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT.
5. ANY DISCREPANCY IN THE DRAWING IS TO BE RESOLVED BY THE ARCHITECT.
6. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY BE DIFFERENT.
7. ALL THE CONCEPTS AND DRAWINGS ARE TO BE APPROVED BY THE ARCHITECT.
8. OTHER ANY REQUIRED DUCT OR FORTION WILL BE AS PER REQUIREMENT.
9. ALL THE CONCEPTS AND DRAWINGS ARE TO BE APPROVED BY THE ARCHITECT.
10. ALL THE CONCEPTS AND DRAWINGS ARE TO BE APPROVED BY THE ARCHITECT.
11. ALL THE CONCEPTS AND DRAWINGS ARE TO BE APPROVED BY THE ARCHITECT.

MANAGER/ARCH:-

G.M.:-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE:-

DRG NO.:-

AR-16

SCALE:-

NORTH:-

DEALT BY:-

ARCHITECT:-

FRANSHU VERMA

AR. PRAPHULLA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR-3 SUKHANU GOLF CITY
SHAHED PATH LUCKNOW-226029,
MOBILE-9795453111
swastikaarchitect@gmail.com

PRAPHULLA GUPTA

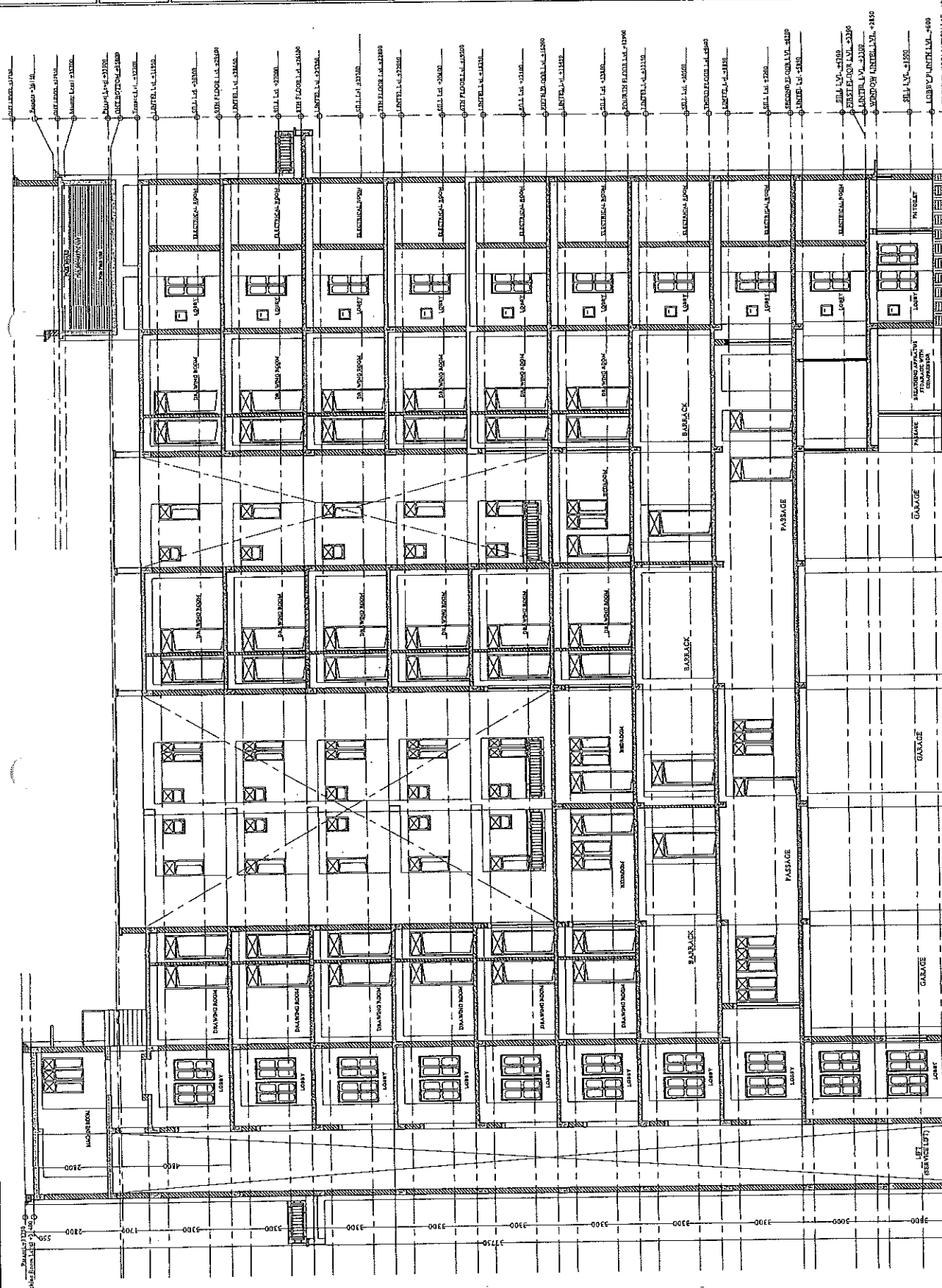
(B.Arch. M. Plan)

CA/288/343652

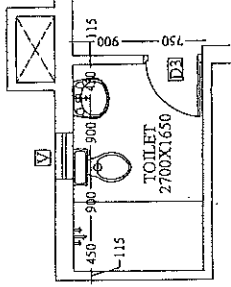
उ० ३० पुलिस आवास निगम लि०
निर्माण इकाई :-

अर्च. अभियंता
उ० ३० पुलिस आवास निगम लि०
निर्माण इकाई-लखनऊ

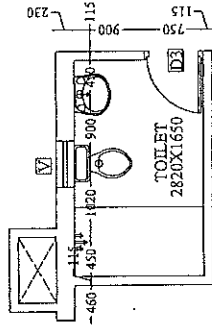
SECTION AT XX



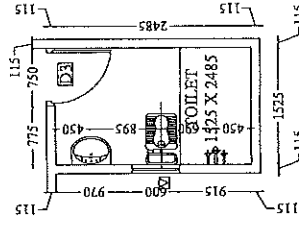
PROJECT :-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT BAHRAICH, DIST:- BAHRACH (U.P.)
CLIENT :-	HOME DEPARTMENT
BUILDING :-	FIRE STATION (3/4 UNIT)
DRG. TITLE :-	TOILET DETAILS
NOTES :-	<p>1. ALL DIMENSIONS ARE IN MM.</p> <p>2. WRITTEN DIMENSION IS TO BE FOLLOWED, ORAL BEING NOT.</p> <p>3. THIS DRAWING IS PROPERTY OF M/S SWASTIKA ARCHITECTS.</p> <p>4. ANY REVISIONS TO THIS DRAWING IS TO BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE EXECUTION.</p> <p>5. THESE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER.</p> <p>6. ALL VERTICAL DIMENSIONS SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.</p> <p>7. OTHER ANY REQUIREMENTS AND CONDITIONS ARE TO BE FOLLOWED AS PER THE CLIENT'S REQUIREMENT.</p> <p>8. PLANT AREA CALCULATION IS BASED ON AS PER IS CODE.</p> <p>9. THIS DRAWING IS FOR THE BUILDING AS PER THE CLIENT'S REQUIREMENT (FIRE & EMERGENCY SERVICE DEPARTMENT).</p>
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY	U.P. POLICE AWAS NIGAM LTD.
DATE :-	DRG. NO. :- AR-17
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA	A.R. PRAPHULLA GUPTA
ARCHITECTURAL CONSULTANT	SWASTIKA
	ARCHITECTS & INTERIOR DESIGNERS
	SS-2 AGR-110 SECTOR-20 SURBANT GOLF CITY
	SHAHNESH PATH LUCKNOW-226005
	MOBILE-9793433111
	swastikaarchitect@gmail.com



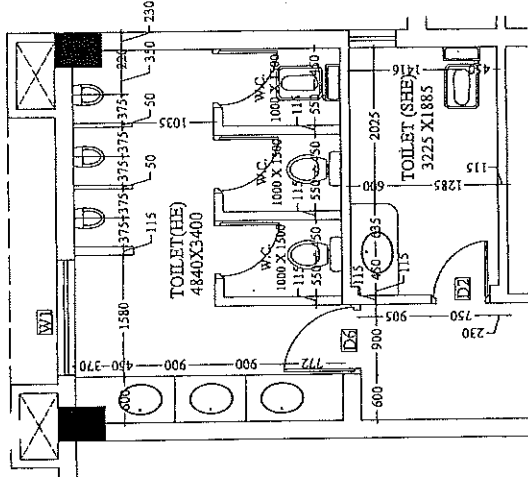
TOILET DETAIL-C



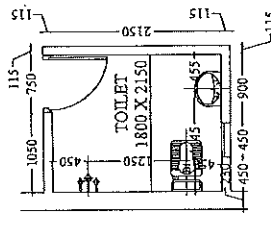
TOILET DETAIL-D



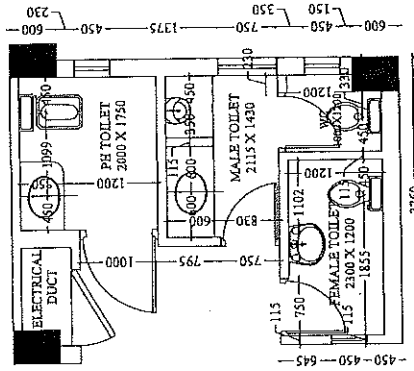
TOILET DETAIL-G



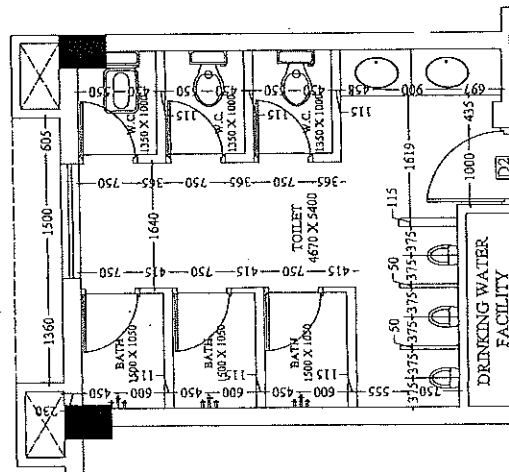
TOILET DETAIL-B



TOILET DETAIL-F



TOILET DETAIL-A



TOILET DETAIL-E

सहयोजक अभियन्ता
हो. प्र. पुलिस आवास निगम इलाहाबाद

अवर अभियन्ता
उप. प्र. पुलिस आवास निगम इलाहाबाद

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

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST:- BAHAIRACH (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

O.H.T. DETAIL

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS ARE TO BE FOLLOWED, DRAWING NOT TO SCALE.
3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING 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 THE PRELIMINARY DRAWINGS. ANY CHANGE AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS.
6. ALL THE COLLARS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE. COLLARS AND POSITION WILL BE AS PER REQUIREMENT OF THE CONSULTANT.
7. OTHER ANY REQUIRED DUCT OTHER SERVICE CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
8. ALL THE AREA CALCULATION IS BASED ON OTHER IN CORE DRAWING.
9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT).

MANAGER (ARCH):-

G.M.:-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-19

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

PRANSHU VERMA / 9808436659
(B. Arch. M. Plan)

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGR-110 SECTOR-D SUSANT GOLF CITY

SHAHED PATH LUCKNOW-226029,

MOBILE-979453111

swastikaarchitect@gmail.com

TOTAL TANK VOLUME

5.99X4.52X2.0

FILL-UP VOLUME

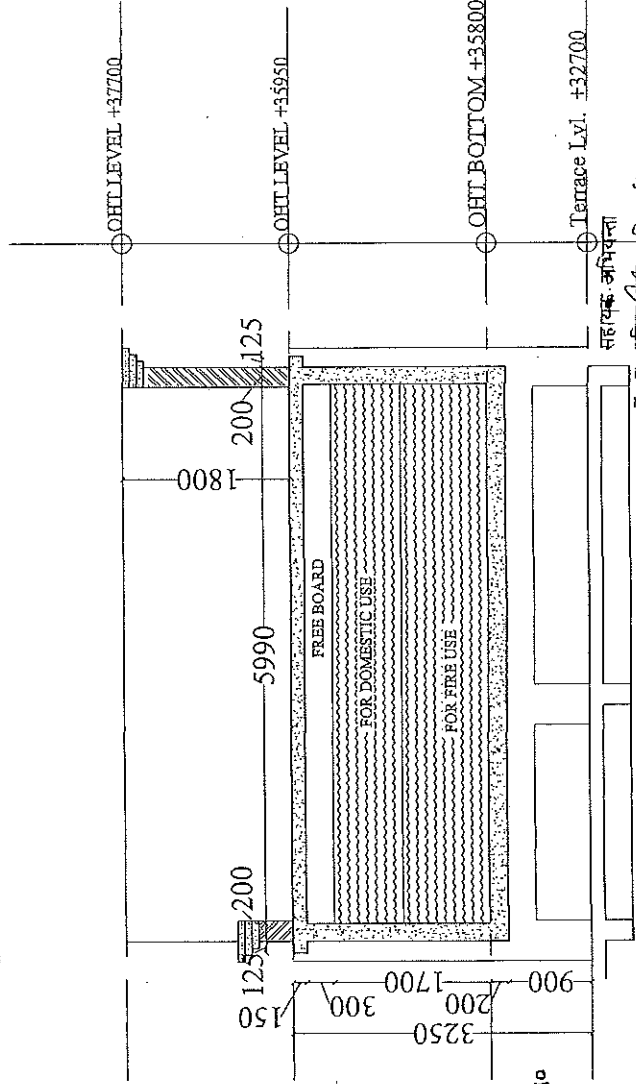
5.99X4.52X1.70 (45.00 KL)

(DOMESTIC - 20.0KL & FIRE

- 25.0 KL.)

FREE BOARD - 0.300 M

COLUMN UP TO
TANK BEAM BOTTOM



अरवि अभियन्ता
उमेश आवास निगम लि.
2020
बाराह बाराह

निर्माण इकाई :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

FIRE STAIRCASE DETAIL

1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE SCALLED.
3. THIS DUE IS THE PROPERTY OF MR. SIVAKA. ARCHITECTS. NO PART OF THIS DRAWING IS NOT TO BE REPRODUCED OR COMED BEFORE THE FALLOW PERMISSON OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE PROCEEDING TO THE NEXT STAGE OF THE DRAWING. OTHERWISE, THE DRAWING MAY BEER IN LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND PORTION WILL BE AS PER THE ARCHITECT'S REQUIREMENT.
6. ONLY REQUIRED DUTY AND SERVICES CHITTE WILL BE PROVIDED AS PER REQUIREMENT.
7. PLANTER AREA CALCULATION IS BASED ON A/F/S IS CODE.
8. THE ARCHITECT'S OFFICE IS LOCATED AT THE 1ST FLOOR OF THE BUILDING. AS PER THE CLIENT'S REQUEST, THE ARCHITECT'S OFFICE WILL BE PROVIDED IN THE DEPARTMENT (PPE & EMERGENCY SERVICES DEPARTMENT).

MANAGER(ARCH):

G.M.:

CONSTRUCTION AGENCY

II P. POLICE AWAS NIGAM LTD.

DATE: _____

DRG. NO. :-

SCALE:

NORTH :-

DEALT BY:-	ARCHITECT:-
------------	-------------

BY:- **ANAPHU LA KUMAR GUPTA**
(R. Prof, M. Plan)
ANSHU VERMA 2008 ANSHU LA GUPTA

ANSHU VERMA 2008 PHILLY GUPTA (UPI)

CHITTECTURAL CONSULTANT

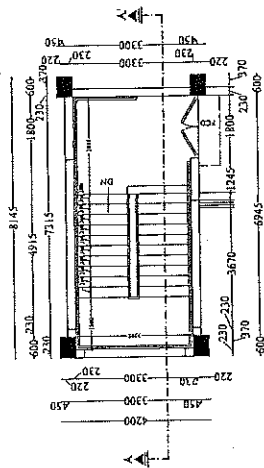
SWASTIKA

DAVID L. HICKY
ARCHITECTS & INTERIOR DESIGNERS

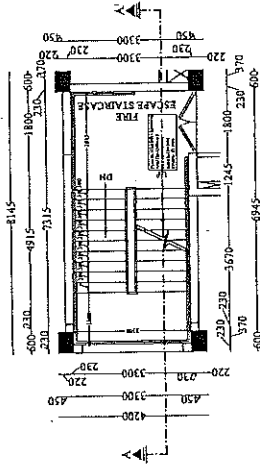
DAVID L. HICKY
ARCHITECTS & INTERIOR DESIGNERS

2 AGF-110 SECTOR -D SUSHANT GOLF CH
CIVILTED, BATHY TUCK NOW 296078

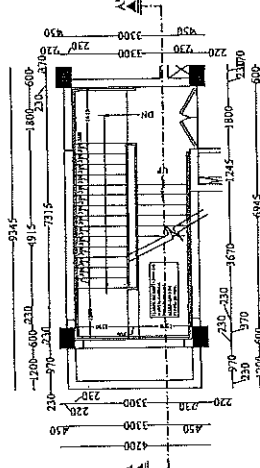
MOBILE-9793453511



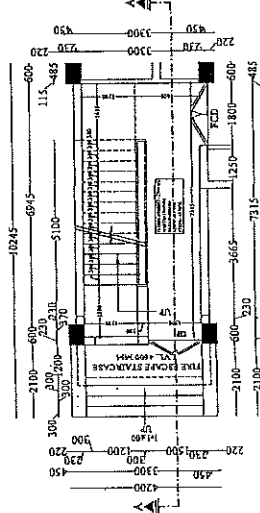
TERRACE FLOOR PLAN



~~600~~
TYPICAL FLOOR PLAN
SECOND & NINTH FLOOR



FIRST FLOOR PLAN



GROUND FLOOR PLAN

वाचः विद्वद्वादिष्यन्ता

पु. ० पल्लिपुत्राः आठवसु निगम

मन्त्रार्थः

॥ श्रीगणेशाय नमः ॥

अप
मवा
निम
लि०

असोज इकाई-साधनक

PROJECT:-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST:- BAHRACH (U.P.)

CLIENT:-

HOME DEPARTMENT

BUILDING:-

FIRE STATION (3/4 UNIT)

DRG. TITLE:-

FIRE STAIRCASE DETAIL

- NOTES:-
1. ALL DIMENSIONS ARE IN MM.
 2. WHATEVER DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED.
 3. THIS DRG. IS THE PROPERTY OF MS. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED & 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 ARCHITECT'S ATTENTION AT THE EARLIEST POSSIBLE DATE AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
 5. ALL THE WORKS ARE SHOWN IN THE DRAWING ARE AS INDICATED BY THE ARCHITECT'S INTENTION & POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
 6. OTHER ANY REQUIRED DUTY OTHER SERVICES CHUTE WILL BE PROVIDED AS PER FACILITIES.
 7. ALL THE WORKS ARE SHOWN IN THE DRAWING ARE AS PER THE ARCHITECT'S INTENTION & POSITION WILL BE AS PER THE STRUCTURE CONSULTANT.
 8. REQUIREMENT OF THE BUILDING AS PER THE CLIENT'S REQUIREMENT (FIRE & EMERGENCY SERVICES DEPARTMENT).

MANAGER (ARCH):-

G.M.:-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE:-

DRG. NO.:-

AR-22

SCALE:-

NORTH:-

DEALT BY:-

ARCHITECT:-

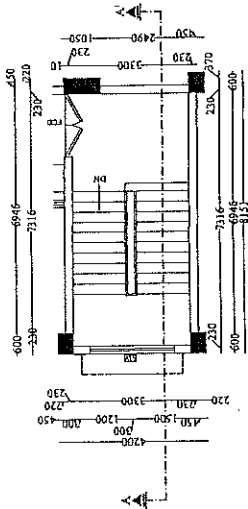
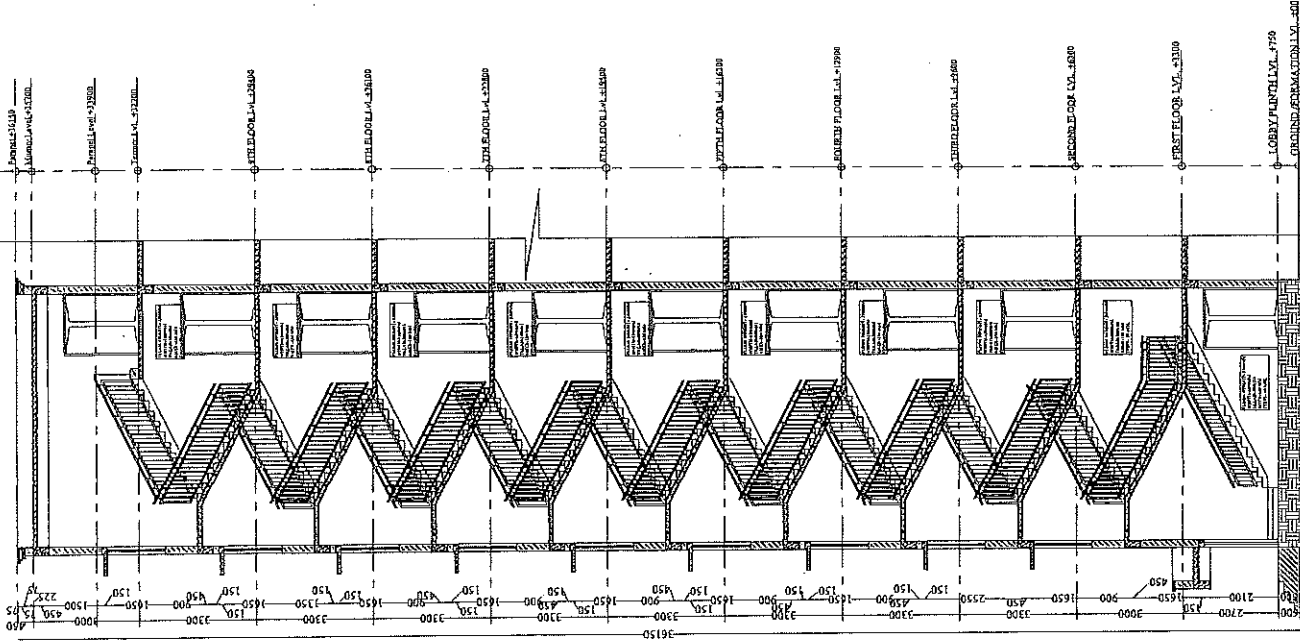
PRAPHULL KUMAR GUPTA
(B.A. IN M. Plan)

PRANSHU VERMA (B.A. IN M. Plan)

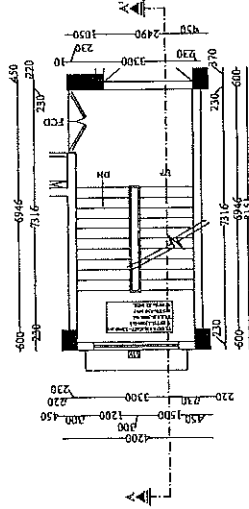
ARCHITECTURAL CONSULTANT

SWASTIKA

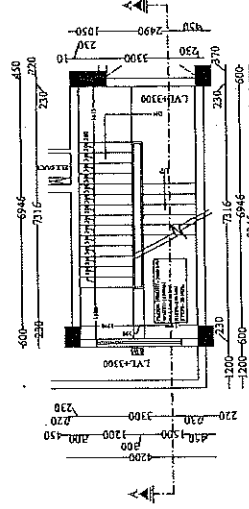
ARCHITECTS & INTERIOR DESIGNERS
SS-2 SHANDEE PATH, LUCKNOW-226008,
MOBILE-979435111
swastikaarchitect@gmail.com



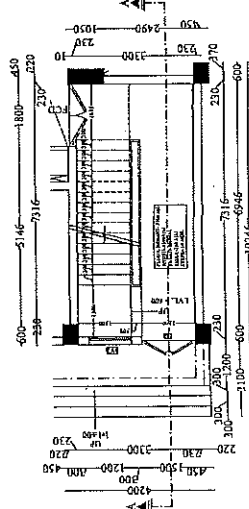
TERRACE FLOOR PLAN



TYPICAL FLOOR PLAN
SECOND & NINTH FLOOR



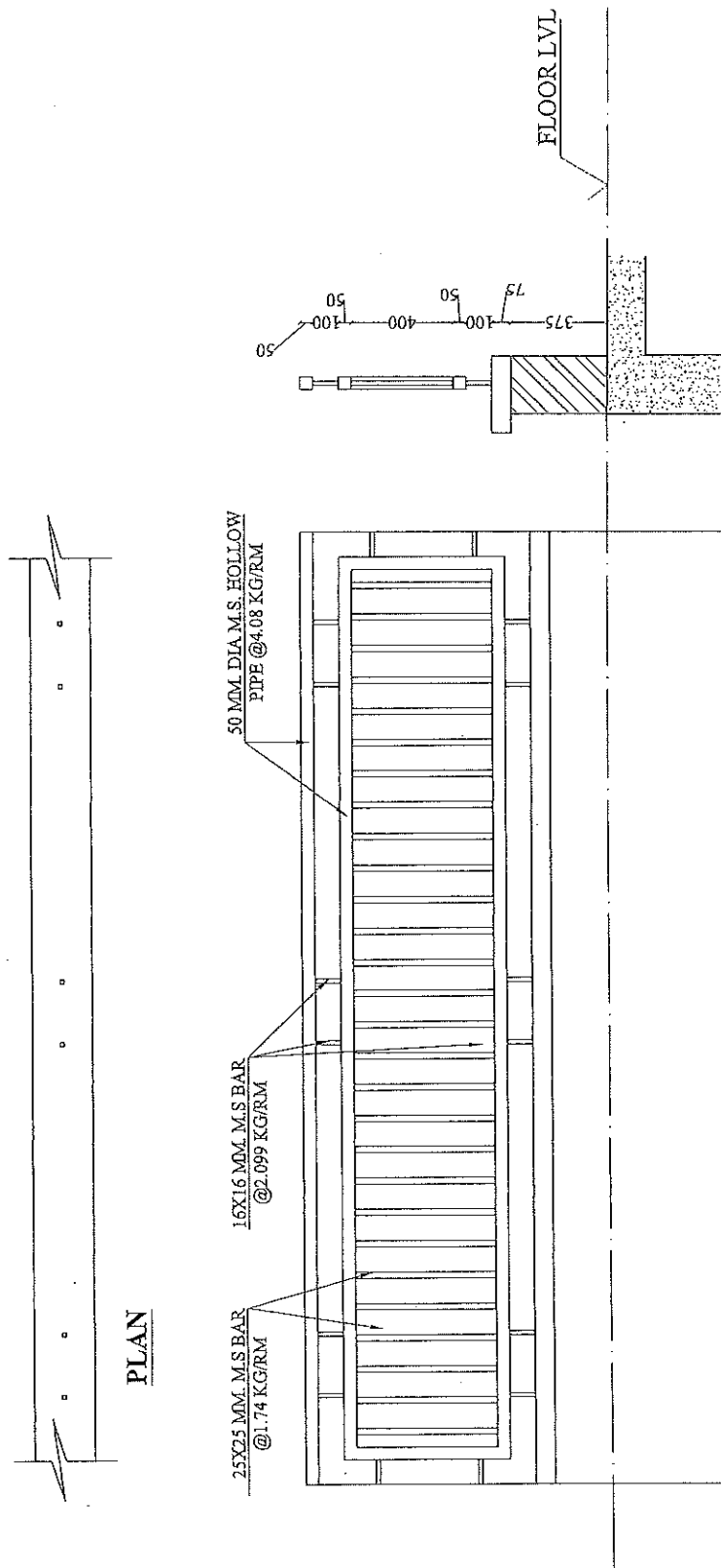
FIRST FLOOR PLAN



GROUND FLOOR PLAN

उपरोक्त योजना सि. प्र. गुप्त आर्किटेक्चर, बि. बा. अ. द्वारा तैयार की गई है।
11.11.2020

PROJECT :-	PROPOSED CONSTRUCTION OF FIFE STATION (3/4 UNIT) AT BAHAIRACH, DIST. :- BAHAIRACH (U.P.)
CLIENT :-	HOME DEPARTMENT
BUILDING :-	FIRE STATION (3/4 UNIT)
DRG. TITLE :-	RAILING DETAIL
<p>NOTES :-</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN MM. 2. VERTICAL DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED. 3. THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. THE DRAWING IS TO BE ENLIGHTENED TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THESE ARE ONLY THE CONCEPT PLAN AREA MAY DEFER AT LATER STAGE OF THE DRAWING & TENDER. 6. ALL THE COLUMN SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. OTHER ANY REQUIRED INFORMATION SERVICES CHARGE WILL BE AS PER THE SERVICE CHARGE. 8. PLANT AREA CALCULATION IS BASED ON AS PER IS CODE 3143-2003. 9. THE RESPONSIBILITY OF THE BUILDING AS PER THE CLIENT DEPARTMENT FIRE & EMERGENCY SERVICE DEPARTMENT. 	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY	
U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :-
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
<p>PRAPNULA KUMAR GUPTA (B.Arch, M.Plan) PRANSHU VERMA (28/08/2024) DA GUPTA</p>	
ARCHITECTURAL CONSULTANT	
<p>SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-119 SECTOR - 43 SUSHANT GOLF CITY SHAHED PATH LUCKNOW - 226009, MOBILE-9793403511 swastikaarchitect@gmail.com,</p>	



ELEVATION

RAILING DETAIL

अवर अभियन्ता
उ०प्र० पुलिस आवास निगम लि०
नेमाग इकाई-सखानक

PROJECT :-

PROPOSED CONSTRUCTION
OF FIRE STATION (3/4 UNIT)
AT BAHRAICH,
DIST.- BAHAICH (U.P.)

CLIENT :-

HOME DEPARTMENT

BUILDING :-

FIRE STATION (3/4 UNIT)

DRG. TITLE :-

RAMP DETAIL

NOTES :-
1. ALL DIMENSIONS ARE IN MM.
2. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE FOLLOWED, DRAWING NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE ANY COMMENCEMENT OF WORK. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DEFECTS AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.
4. ALL THE COLLUMNS SIZE SHOWN IN THE DRAWING ARE FOR REFERENCE ONLY. THE FINAL PORTION WILL BE AS PER THE STRUCTURE CONSULTANT.
5. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
6. ALL THE AREA CALCULATION MADE ON AFTER IS COME TOGETHER.
7. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT).

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-24

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

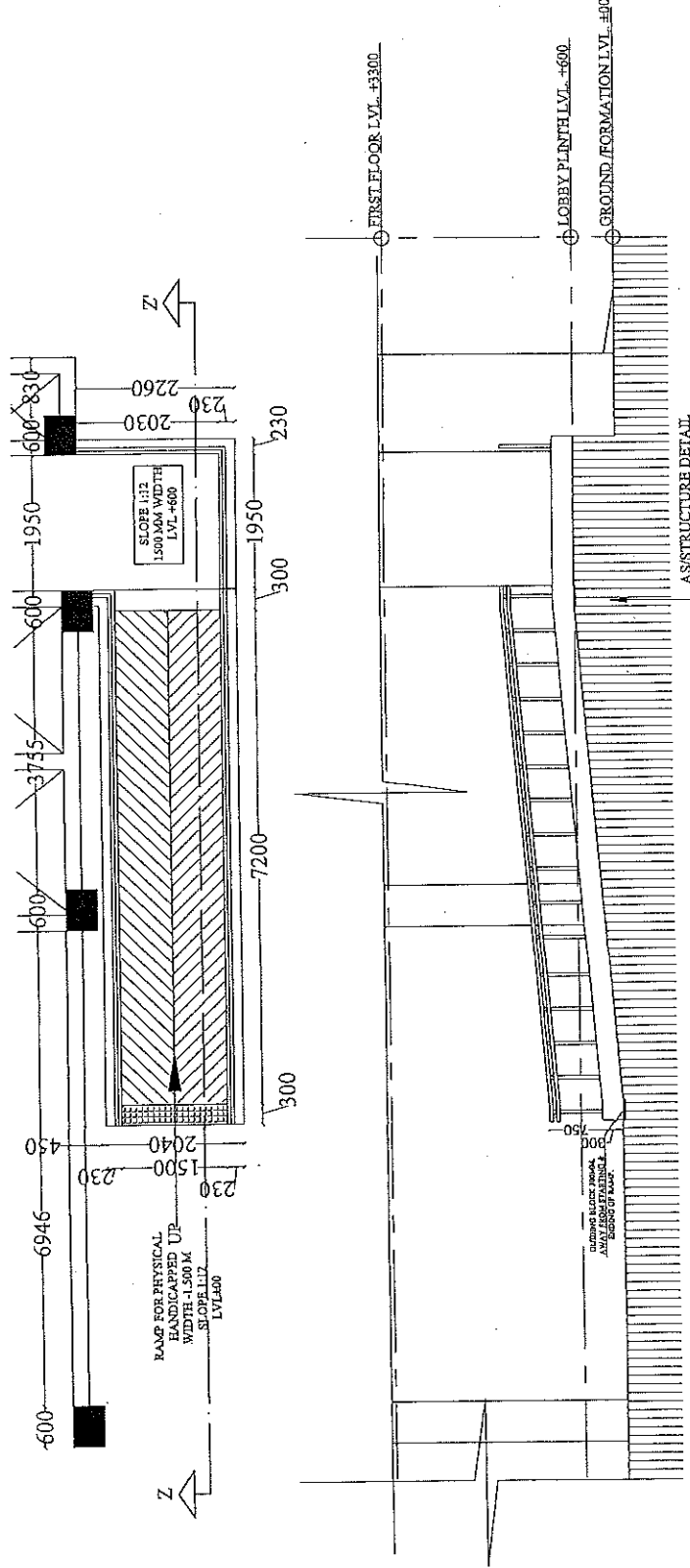
PRAPNULAKUMAR GUPTA
(BArch, M. Plan)

PRANSHU VERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGH-119 SECTOR-33 SUBSANT GOLF CITY
SHAHED PURI, DELHI-110029,
MOBILE: 97945311
swastikaarchitect@gmail.com



RAMP DETAIL

अवर अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
बाराणसी

अवर अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
बाराणसी

PROJECT
PROPOSED CONSTRUCTION OF FIRE STATION
(3/4 UNITS) AT BAHAUCH, DISTT.- BAHAUCH,
UTTAR PRADESH

BUILDING :-
FIRE STATION

Notes:-

- 1. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 2. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 3. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 4. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
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- 7. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 8. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 9. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 10. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).

(Foundation)

- 1. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 2. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
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- 9. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 10. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).

(Columns)

- 1. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 2. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
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- 10. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).

(Slabs)

- 1. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 2. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
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(Masonry work)

- 1. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
- 2. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).
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- 10. The drawings are prepared in accordance with the specifications of the Indian Standards Institution (ISI) and the Bureau of Indian Standards (BIS).

Rev. No. Date

By: [Signature]

Checked by: [Signature]

Date: [Date]

Scale: [Scale]

Sheet No. [Sheet No.]

ST-02

BRMATURE ENGINEERS CONSULTANTS

STRUCTURAL CONSULTANTS:-

MATRIX STRUCTURES

[STRUCTURAL ENGINEERS CONSULTANT]

1/13, Vikram Khari, Ganga Nagar, Lucknow-226010

Ph. : 0522-2260101, 0522-2260102, 0522-2260103

email: mstructure@gmail.com

web site: www.mstructure.com

SWASTIKA

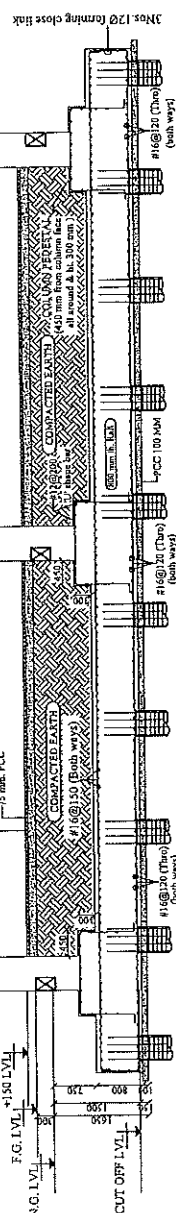
ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-110 SECTOR-10 SURSHANT GOLF CITY

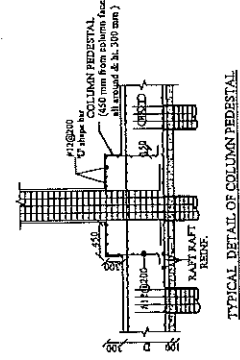
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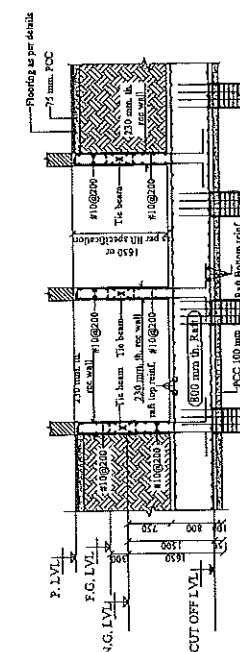
swastikaarchitects@gmail.com



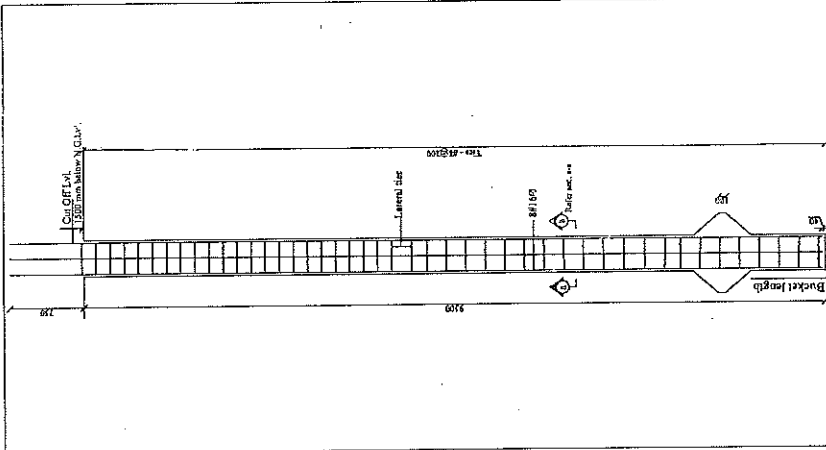
DETAIL OF RAFT AT SEC. R1-R1



TYPICAL DETAIL OF COLUMN PEDESTAL



DETAIL SEC. OF LIFT AT L-L



DETAILS OF PILE P1 (4500) 9500 mm LONG SINGLE UNDEREAMED CAST IN SITU PILE (P1) (SAFE LOAD = 160 Ton)

SEC. OF PILE AT P1-P1

(4500)

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.

उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

TABLE-4: CONC. MIX. FOR R.C.C. WORK SHALL BE AS FOLLOWS		
CONFORMING TO IS 456-2000		
S.N.	ITEM	GRADE OF CONC.
1	Foundation & Column Foundation (M to 1st Floor)	M 35
2	Column Footing (M to 1st Floor)	M 35
3	Beam & Slab of Ground, First & Second Floor (M to 1st Floor)	M 35
4	Beam & Slab of Third Floor (M to 1st Floor)	M 35

PROJECT
PROPOSED CONSTRUCTION OF FIRE STATION
(34 UNITS) AT BAIKRAICH, DISTT. - BAIKRAICH,
UTTAR PRADESH

BUILDING:-

FIRE STATION

Notes:-

1. All dimensions are in mm unless otherwise specified.
2. The structure shall be constructed in accordance with the provisions of IS 456:2000 and IS 800:2008.
3. The concrete shall be of grade M30 and the reinforcement shall be of grade Fe 415.
4. The reinforcement shall be provided in accordance with the details shown in the drawings.
5. The structure shall be constructed in accordance with the provisions of IS 456:2000 and IS 800:2008.
6. The concrete shall be of grade M30 and the reinforcement shall be of grade Fe 415.
7. The reinforcement shall be provided in accordance with the details shown in the drawings.
8. The structure shall be constructed in accordance with the provisions of IS 456:2000 and IS 800:2008.
9. The concrete shall be of grade M30 and the reinforcement shall be of grade Fe 415.
10. The reinforcement shall be provided in accordance with the details shown in the drawings.

Foundation

Columns

Beams

Slabs

Stairs

Roofs

Partitions

Finishes

Other

General

Notes

Remarks

Drawn By

Checked By

Approved By

Date

Sheet No.

Scale

Project No.

Client Name

Location

Area

Volume

Weight

Cost

Remarks

Drawn By

Checked By

Approved By

Date

Sheet No.

Scale

Project No.

Client Name

Location

Area

Volume

Weight

Cost

Remarks

Drawn By

Checked By

Approved By

Date

DETAIL OF COLUMN REINFORCEMENT

(1) COL. AT GROUND & FIRST FLOOR

CONC. MIX M30

SEC. OF COL. C1

SEC. OF COL. C2

SEC. OF COL. C3

SEC. OF COL. C4

SEC. OF COL. C5

SEC. OF COL. C6

SEC. OF COL. C7

SEC. OF COL. C8

SEC. OF COL. C9

SEC. OF COL. C10

SEC. OF COL. C11

SEC. OF COL. C12

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SEC. OF COL. C55

SEC. OF COL. C56

SEC. OF COL. C57

SEC. OF COL. C58

DETAIL OF COLUMN REINFORCEMENT

(2) COL. AT SECOND & THIRD FLOOR

CONC. MIX M30

SEC. OF COL. C1

SEC. OF COL. C2

SEC. OF COL. C3

SEC. OF COL. C4

SEC. OF COL. C5

SEC. OF COL. C6

SEC. OF COL. C7

SEC. OF COL. C8

SEC. OF COL. C9

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SEC. OF COL. C55

SEC. OF COL. C56

SEC. OF COL. C57

SEC. OF COL. C58

DETAIL OF COLUMN REINFORCEMENT

(3) COL. AT FOURTH & FIFTH FLOOR

CONC. MIX M30

SEC. OF COL. C1

SEC. OF COL. C2

SEC. OF COL. C3

SEC. OF COL. C4

SEC. OF COL. C5

SEC. OF COL. C6

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SEC. OF COL. C55

SEC. OF COL. C56

SEC. OF COL. C57

SEC. OF COL. C58

DETAIL OF COLUMN REINFORCEMENT

(4) COL. AT SIXTH & SEVENTH FLOOR

CONC. MIX M30

SEC. OF COL. C1

SEC. OF COL. C2

SEC. OF COL. C3

SEC. OF COL. C4

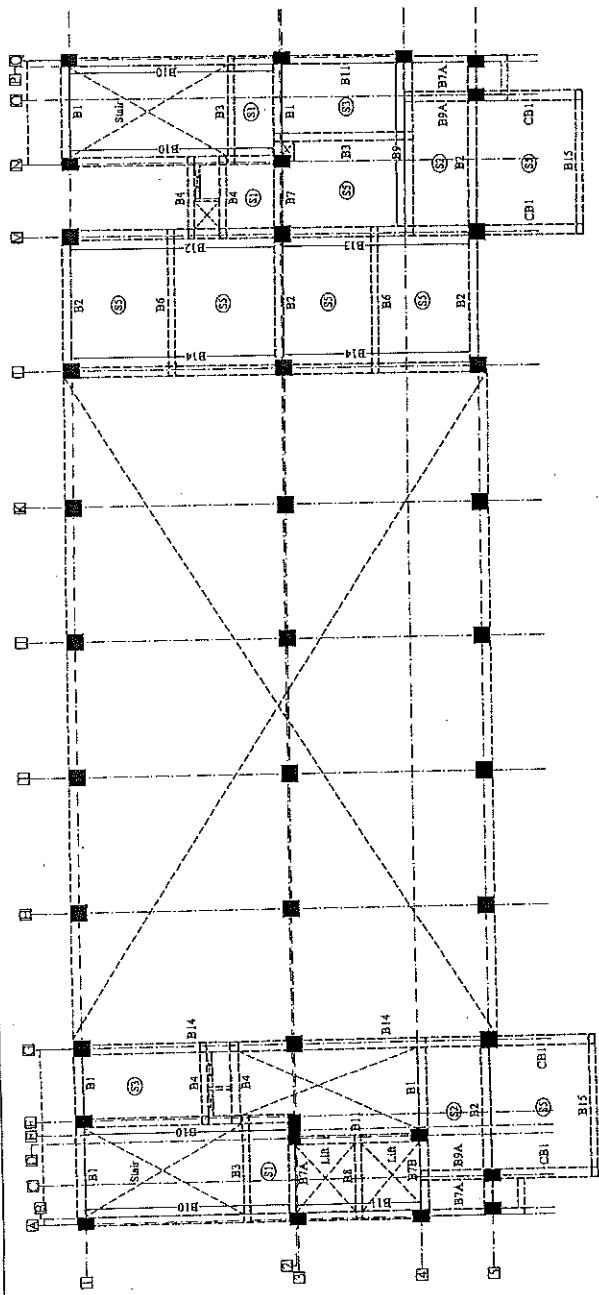
SEC. OF COL. C5

SEC. OF COL. C6

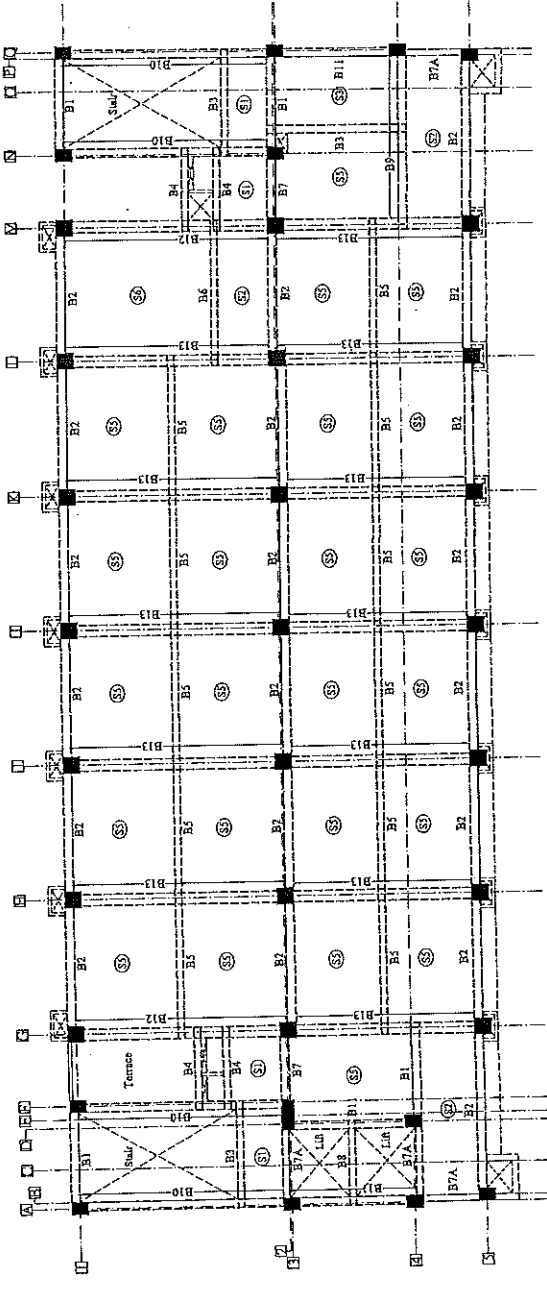
SEC. OF COL. C7

SEC. OF COL. C8

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[illegible]

BEAM FRAMING PLAN & DETAIL OF SLAB AT GROUND FLOOR ROOF LVL.
(i.e. slab at first floor lvl.)

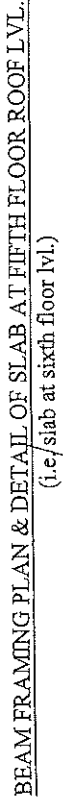
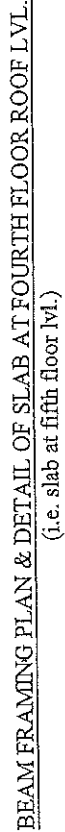


BEAM FRAMING PLAN & DETAIL OF SLAB AT FIRST FLOOR ROOF LVL.
(i.e. slab at second floor lvl.)

उ० प्र० पुस्तक आवस निगम लि०
निर्माण इकाई :-

S/N	ITEM	GRADE OF CONC
1	Foundation & Column Cast-in-place (M. to Third Floor)	M 35
2	Column Beam floor (M. to above 1st floor)	M 30
3	Beams & Slab of Ground Floor & Second floor Roof Slab	M 35
4	Beams & Slab of Third floor roof & above 1st floor roof	M 30

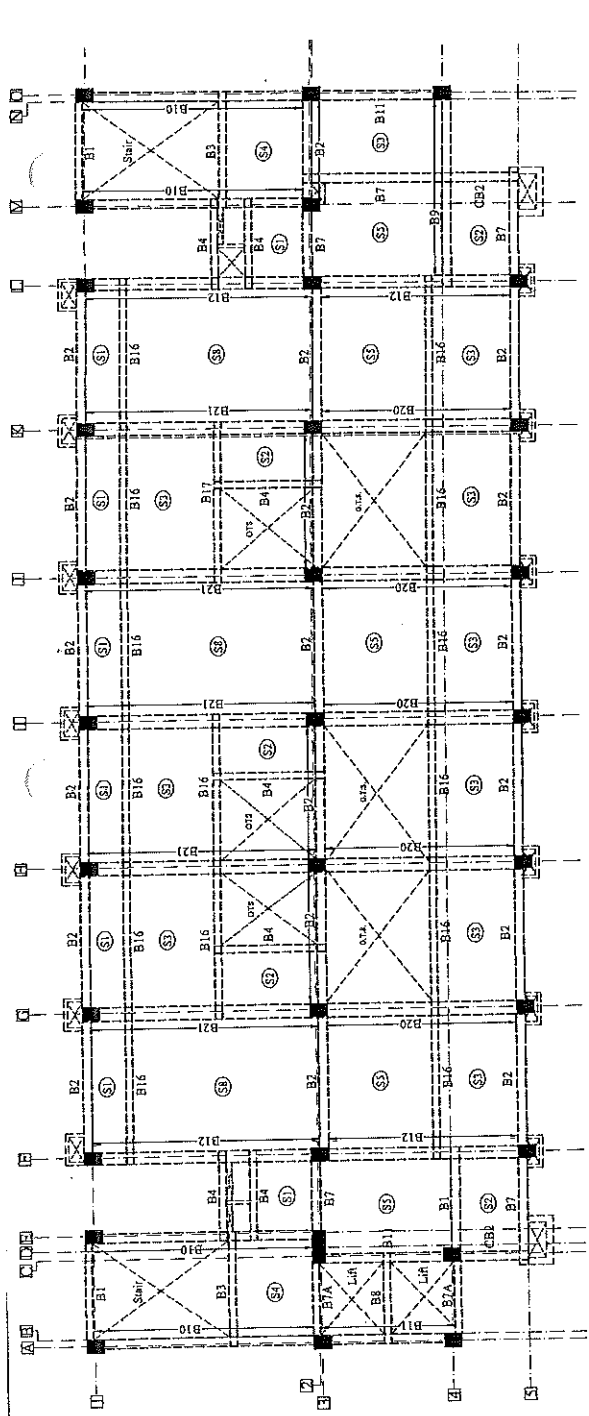
1/25, Vikram Khand, Gori Nagar, Lucknow, Uttar Pradesh- 226010
Ph. - 09473708819, 07007905269, email- mrstructures@gmail.com
web site- www.mrstructures.co.in



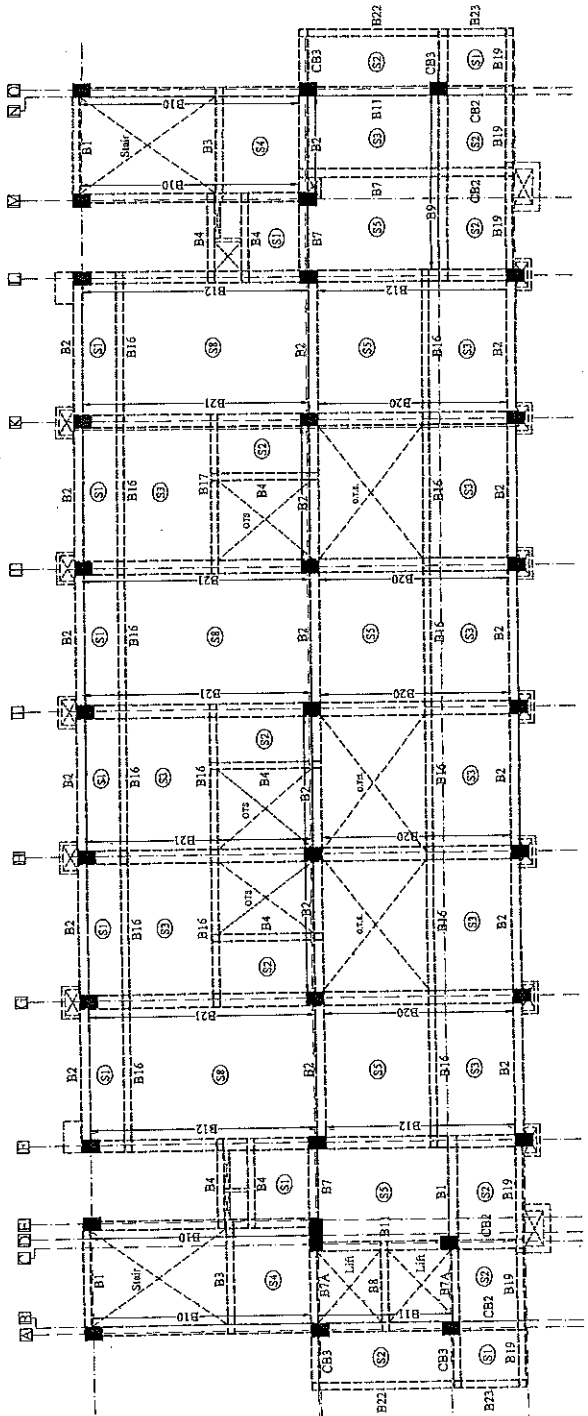
S.N	ITEM	GRADE OF CONC
1	Foundation & Column Foundation M, in Third Floor M4	M 3.5
2	Column Fourth Floor M, to above all floor No.	M 30
3	Beams & Slab of Ground, First & Second Floor Roof Lvl.	M 35
4	Beams & Slab of Third floor roof & above all floors roof	M 30

३) सहायक अभियन्ता
४० प्र० मुलस ... तस निगम लि०
इकाई प्रभारी
खप्र० मुलस आवास निगम लि०
निर्माण इकाई, लखनऊ

PROJECT PROPOSED CONSTRUCTION OF FIRE STATION (34 UNITS) AT BAHRAICH, DISTT:- BAHRACH, UTTAR PRADESH	
BUILDING :- FIRE STATION	
Notes:- (General) 1) All dimensions are in mm. Unless otherwise specified. 2) All work shall be done in accordance with the latest specifications of the Indian Standards. 3) All materials shall be of good quality and shall be tested before use. 4) All work shall be done in accordance with the latest specifications of the Indian Standards. 5) All work shall be done in accordance with the latest specifications of the Indian Standards. 6) All work shall be done in accordance with the latest specifications of the Indian Standards. 7) All work shall be done in accordance with the latest specifications of the Indian Standards. 8) All work shall be done in accordance with the latest specifications of the Indian Standards. 9) All work shall be done in accordance with the latest specifications of the Indian Standards. 10) All work shall be done in accordance with the latest specifications of the Indian Standards. 11) All work shall be done in accordance with the latest specifications of the Indian Standards. 12) All work shall be done in accordance with the latest specifications of the Indian Standards. 13) All work shall be done in accordance with the latest specifications of the Indian Standards. 14) All work shall be done in accordance with the latest specifications of the Indian Standards. 15) All work shall be done in accordance with the latest specifications of the Indian Standards. 16) All work shall be done in accordance with the latest specifications of the Indian Standards. 17) All work shall be done in accordance with the latest specifications of the Indian Standards. 18) All work shall be done in accordance with the latest specifications of the Indian Standards. 19) All work shall be done in accordance with the latest specifications of the Indian Standards. 20) All work shall be done in accordance with the latest specifications of the Indian Standards. 21) All work shall be done in accordance with the latest specifications of the Indian Standards. 22) All work shall be done in accordance with the latest specifications of the Indian Standards. 23) All work shall be done in accordance with the latest specifications of the Indian Standards. 24) All work shall be done in accordance with the latest specifications of the Indian Standards. 25) All work shall be done in accordance with the latest specifications of the Indian Standards. 26) All work shall be done in accordance with the latest specifications of the Indian Standards. 27) All work shall be done in accordance with the latest specifications of the Indian Standards. 28) All work shall be done in accordance with the latest specifications of the Indian Standards. 29) All work shall be done in accordance with the latest specifications of the Indian Standards. 30) All work shall be done in accordance with the latest specifications of the Indian Standards. 31) All work shall be done in accordance with the latest specifications of the Indian Standards. 32) All work shall be done in accordance with the latest specifications of the Indian 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be done in accordance with the latest specifications of the Indian Standards. 44) All work shall be done in accordance with the latest specifications of the Indian Standards. 45) All work shall be done in accordance with the latest specifications of the Indian Standards. 46) All work shall be done in accordance with the latest specifications of the Indian Standards. 47) All work shall be done in accordance with the latest specifications of the Indian Standards. 48) All work shall be done in accordance with the latest specifications of the Indian Standards. 49) All work shall be done in accordance with the latest specifications of the Indian Standards. 50) All work shall be done in accordance with the latest specifications of the Indian Standards. 51) All work shall be done in accordance with the latest specifications of the Indian Standards. 52) All work shall be done in accordance with the latest specifications of the Indian Standards. 53) All work shall be done in accordance with the 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of the Indian Standards. 95) All work shall be done in accordance with the latest specifications of the Indian Standards. 96) All work shall be done in accordance with the latest specifications of the Indian Standards. 97) All work shall be done in accordance with the latest specifications of the Indian Standards. 98) All work shall be done in accordance with the latest specifications of the Indian Standards. 99) All work shall be done in accordance with the latest specifications of the Indian Standards. 100) All work shall be done in accordance with the latest specifications of the Indian Standards.	
ARCHITECT U.P. POLICE AWAS NIGAM LTD.	
CONSTRUCTION AGENCY: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGRI-10 SECTOR-30 SUSHANT GOLF CITY SHARDA PATH LUCKNOW-226025, UP INDIA-226025 swastikaarchitects@gmail.com	
Drawn By Kamranul	Designated Er. Priya Verma
Checked Er. Suraj Kumar	Checked Jan. 2026
Scale N.T.S.	Sheet No. ST-10
STRUCTURAL CONSULTANTS: MATRIX STRUCTURES (STRUCTURAL ENGINEERS CONSULTANT) 1/25, Vikram Khand, Ganga Nagar, Lucknow, Uttar Pradesh-226010 Ph. - 09471708119, 09076032169, email: matrixstructures@gmail.com web site: www.matrixstructures.co.in	



BEAM FRAMING PLAN & DETAIL OF SLAB AT SIXTH FLOOR ROOF LVL.
(i.e. slab at seventh floor lvl.)



BEAM FRAMING PLAN & DETAIL OF SLAB AT SEVENTH FLOOR ROOF LVL.
(i.e. slab at eighth floor lvl.)

TABLE-5: CONC. MIX. FOR R.C.C. WORK SHALL BE AS FOLLOWS
CONFORMING TO IS 456: 2000

S.N.	ITEM	GRADE OF CONC.
1	Foundation & Column Foundation	M 35
2	Column, Beam, Slab, Floor, etc.	M 30
3	Beam & Slab of Ground, First & Second Floor Roof Lvl.	M 35
4	Beam & Slab of Third floor roof & above all floors roof	M 30

इकाई प्रमारी
चुनो पुलिस र निम रिड
निर्माण इकाई, लखनऊ
इकाई अधिपती
डॉ. प्र. पुलिस आयास निम रिड

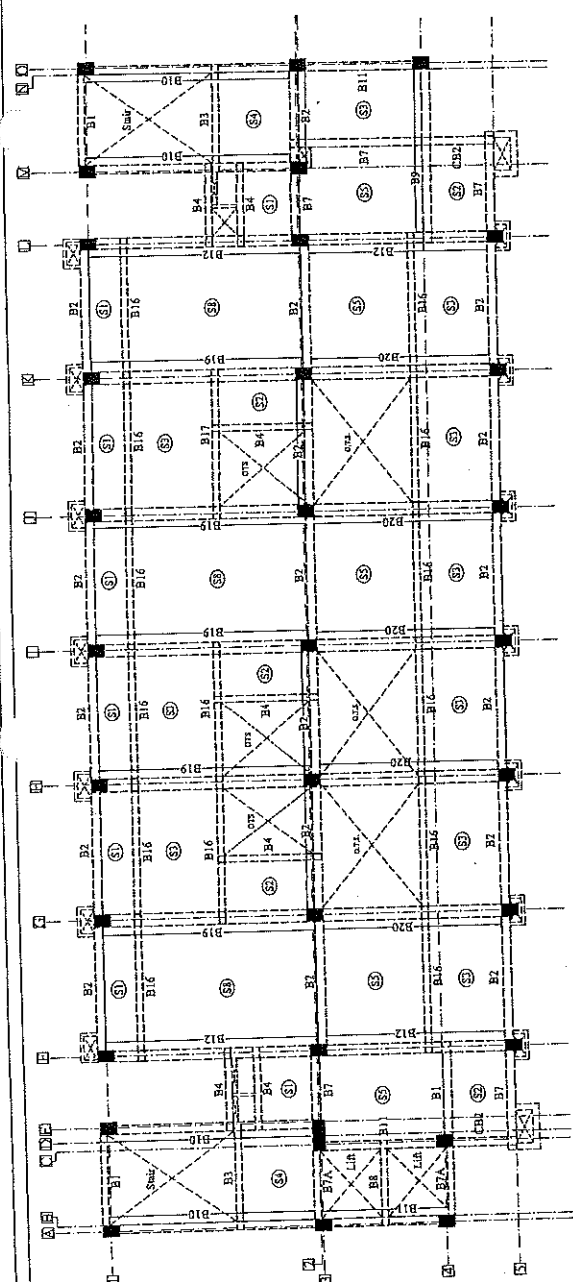
PROJECT
PROPOSED CONSTRUCTION OF FIRE STATION
(34 UNITS) AT BAHRAICH, DISTT.- BAHRAICH,
UTTAR PRADESH

BUILDING :-
FIRE STATION

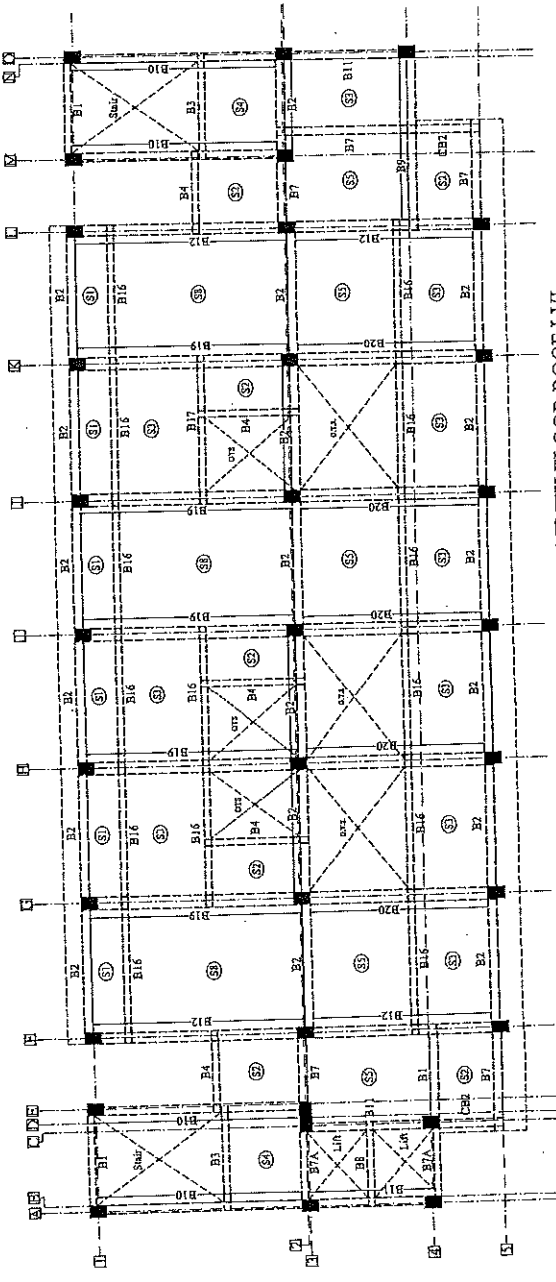
Notes:-
(General)

1. All dimensions are in meters unless otherwise specified.
2. The structure shall be constructed in accordance with the provisions of IS 456-2000 and IS 1343-1980.
3. The concrete shall be of grade M20 and the reinforcement shall be of grade Fe 415.
4. The structure shall be designed for a live load of 5 kN/m² and a wind load of 0.75 kN/m².
5. The structure shall be designed for a seismic zone II.
6. The structure shall be designed for a basic wind speed of 33 m/s.
7. The structure shall be designed for a return period of 50 years.
8. The structure shall be designed for a design life of 25 years.
9. The structure shall be designed for a design fire resistance of 2 hours.
10. The structure shall be designed for a design fire resistance of 1 hour.
11. The structure shall be designed for a design fire resistance of 0.5 hours.
12. The structure shall be designed for a design fire resistance of 0.25 hours.
13. The structure shall be designed for a design fire resistance of 0.15 hours.
14. The structure shall be designed for a design fire resistance of 0.1 hours.
15. The structure shall be designed for a design fire resistance of 0.05 hours.
16. The structure shall be designed for a design fire resistance of 0.025 hours.
17. The structure shall be designed for a design fire resistance of 0.015 hours.
18. The structure shall be designed for a design fire resistance of 0.01 hours.
19. The structure shall be designed for a design fire resistance of 0.005 hours.
20. The structure shall be designed for a design fire resistance of 0.0025 hours.
21. The structure shall be designed for a design fire resistance of 0.0015 hours.
22. The structure shall be designed for a design fire resistance of 0.001 hours.
23. The structure shall be designed for a design fire resistance of 0.0005 hours.
24. The structure shall be designed for a design fire resistance of 0.00025 hours.
25. The structure shall be designed for a design fire resistance of 0.00015 hours.
26. The structure shall be designed for a design fire resistance of 0.0001 hours.
27. The structure shall be designed for a design fire resistance of 0.00005 hours.
28. The structure shall be designed for a design fire resistance of 0.000025 hours.
29. The structure shall be designed for a design fire resistance of 0.000015 hours.
30. The structure shall be designed for a design fire resistance of 0.00001 hours.
31. The structure shall be designed for a design fire resistance of 0.000005 hours.
32. The structure shall be designed for a design fire resistance of 0.0000025 hours.
33. The structure shall be designed for a design fire resistance of 0.0000015 hours.
34. The structure shall be designed for a design fire resistance of 0.000001 hours.
35. The structure shall be designed for a design fire resistance of 0.0000005 hours.
36. The structure shall be designed for a design fire resistance of 0.00000025 hours.
37. The structure shall be designed for a design fire resistance of 0.00000015 hours.
38. The structure shall be designed for a design fire resistance of 0.0000001 hours.
39. The structure shall be designed for a design fire resistance of 0.00000005 hours.
40. The structure shall be designed for a design fire resistance of 0.000000025 hours.
41. The structure shall be designed for a design fire resistance of 0.000000015 hours.
42. The structure shall be designed for a design fire resistance of 0.00000001 hours.
43. The structure shall be designed for a design fire resistance of 0.000000005 hours.
44. The structure shall be designed for a design fire resistance of 0.0000000025 hours.
45. The structure shall be designed for a design fire resistance of 0.0000000015 hours.
46. The structure shall be designed for a design fire resistance of 0.000000001 hours.
47. The structure shall be designed for a design fire resistance of 0.0000000005 hours.
48. The structure shall be designed for a design fire resistance of 0.00000000025 hours.
49. The structure shall be designed for a design fire resistance of 0.00000000015 hours.
50. The structure shall be designed for a design fire resistance of 0.0000000001 hours.

Reference: IS 456-2000, IS 1343-1980, IS 1343-1980 (Part 1), IS 1343-1980 (Part 2), IS 1343-1980 (Part 3), IS 1343-1980 (Part 4), IS 1343-1980 (Part 5), IS 1343-1980 (Part 6), IS 1343-1980 (Part 7), IS 1343-1980 (Part 8), IS 1343-1980 (Part 9), IS 1343-1980 (Part 10), IS 1343-1980 (Part 11), IS 1343-1980 (Part 12), IS 1343-1980 (Part 13), IS 1343-1980 (Part 14), IS 1343-1980 (Part 15), IS 1343-1980 (Part 16), IS 1343-1980 (Part 17), IS 1343-1980 (Part 18), IS 1343-1980 (Part 19), IS 1343-1980 (Part 20), IS 1343-1980 (Part 21), IS 1343-1980 (Part 22), IS 1343-1980 (Part 23), IS 1343-1980 (Part 24), IS 1343-1980 (Part 25), IS 1343-1980 (Part 26), IS 1343-1980 (Part 27), IS 1343-1980 (Part 28), IS 1343-1980 (Part 29), IS 1343-1980 (Part 30), IS 1343-1980 (Part 31), IS 1343-1980 (Part 32), IS 1343-1980 (Part 33), IS 1343-1980 (Part 34), IS 1343-1980 (Part 35), IS 1343-1980 (Part 36), IS 1343-1980 (Part 37), IS 1343-1980 (Part 38), IS 1343-1980 (Part 39), IS 1343-1980 (Part 40), IS 1343-1980 (Part 41), IS 1343-1980 (Part 42), IS 1343-1980 (Part 43), IS 1343-1980 (Part 44), IS 1343-1980 (Part 45), IS 1343-1980 (Part 46), IS 1343-1980 (Part 47), IS 1343-1980 (Part 48), IS 1343-1980 (Part 49), IS 1343-1980 (Part 50), IS 1343-1980 (Part 51), IS 1343-1980 (Part 52), IS 1343-1980 (Part 53), IS 1343-1980 (Part 54), IS 1343-1980 (Part 55), IS 1343-1980 (Part 56), IS 1343-1980 (Part 57), IS 1343-1980 (Part 58), IS 1343-1980 (Part 59), IS 1343-1980 (Part 60), IS 1343-1980 (Part 61), IS 1343-1980 (Part 62), IS 1343-1980 (Part 63), IS 1343-1980 (Part 64), IS 1343-1980 (Part 65), IS 1343-1980 (Part 66), IS 1343-1980 (Part 67), IS 1343-1980 (Part 68), IS 1343-1980 (Part 69), IS 1343-1980 (Part 70), IS 1343-1980 (Part 71), IS 1343-1980 (Part 72), IS 1343-1980 (Part 73), IS 1343-1980 (Part 74), IS 1343-1980 (Part 75), IS 1343-1980 (Part 76), IS 1343-1980 (Part 77), IS 1343-1980 (Part 78), IS 1343-1980 (Part 79), IS 1343-1980 (Part 80), IS 1343-1980 (Part 81), IS 1343-1980 (Part 82), IS 1343-1980 (Part 83), IS 1343-1980 (Part 84), IS 1343-1980 (Part 85), IS 1343-1980 (Part 86), IS 1343-1980 (Part 87), IS 1343-1980 (Part 88), IS 1343-1980 (Part 89), IS 1343-1980 (Part 90), IS 1343-1980 (Part 91), IS 1343-1980 (Part 92), IS 1343-1980 (Part 93), IS 1343-1980 (Part 94), IS 1343-1980 (Part 95), IS 1343-1980 (Part 96), IS 1343-1980 (Part 97), IS 1343-1980 (Part 98), IS 1343-1980 (Part 99), IS 1343-1980 (Part 100).



BEAM FRAMING PLAN & DETAIL OF SLAB AT EIGHTH FLOOR ROOF LVL.
(i.e. slab at ninth floor lvl.)



BEAM FRAMING PLAN & DETAIL OF SLAB AT NINTH FLOOR ROOF LVL.
(i.e. slab at terrace lvl.)

TABLE 1:- CONC. WORK FOR R.C.C. WORK SHALL BE AS FOLLOWS

S.N.	ITEM	GRADE OF CONC.
1	Foundation & Column Foundation	M 35
2	Column Fourth floor (iv) to above all floor lvl.	M 35
3	Beam & Slab of Ground, First & Second floor (i to iv)	M 35
4	Beam & Slab of Third floor roof & above all floor roof	M 35

अवधि अभियन्ता
उपरोक्त आवास निगम लि.
सहस्रक कमिन्ता
ड० प्र० पुलिस आवास निगम लि.
निर्माण इकाई



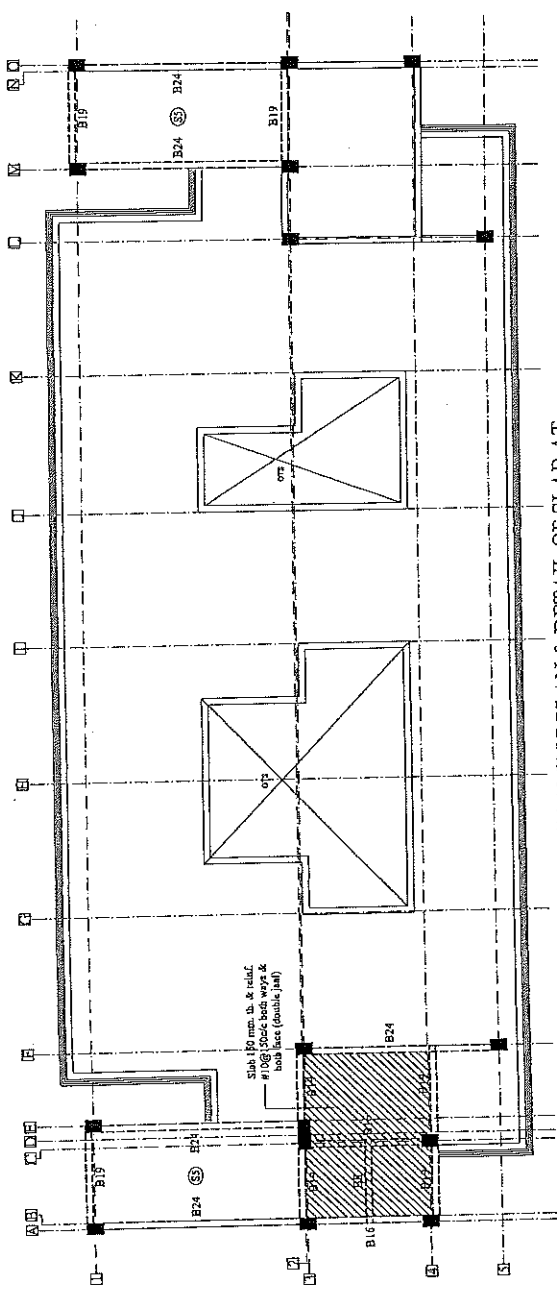
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
S-2, 1st floor, 10th Street, D. Subash, G.P. City
SAHASRABUDHI, LUCKNOW-226009.
MOBILE-9793435111
swastikaarchitects@gmail.com

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

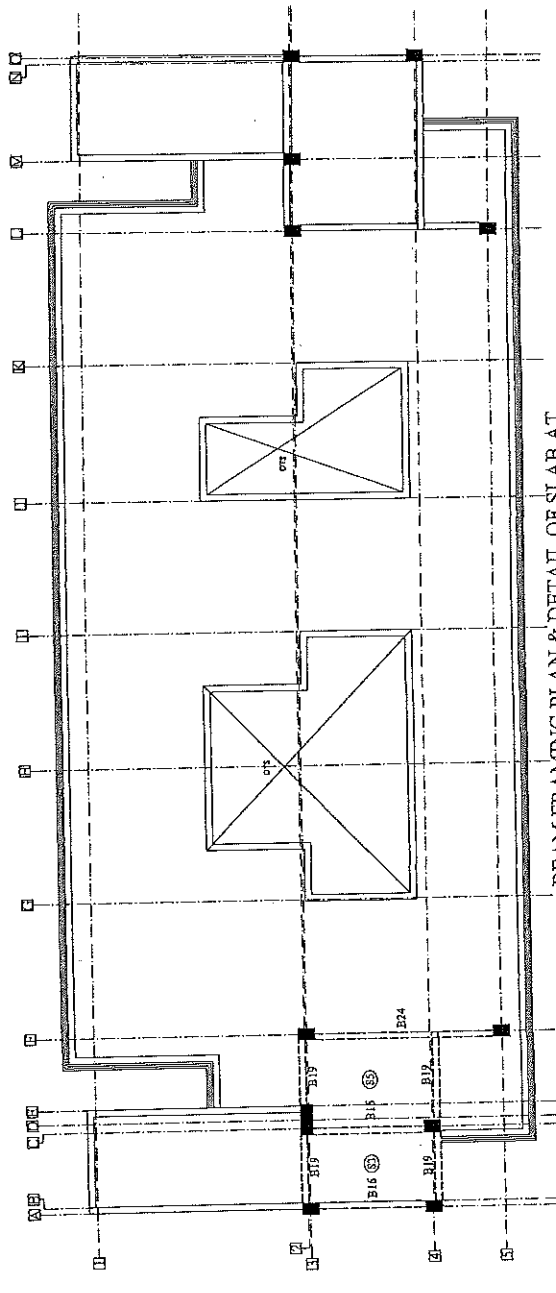
ARCHITECT
DETAIL OF EIGHTH & NINTH FLOOR ROOF SLAB

Rev.	No.	Date	By	Checked	Issued	Initial

STRUCTURAL CONSULTANTS:
MATRIX STRUCTURES
(STRUCTURAL ENGINEERS CONSULTANT)
1/125, Vikram Khand, Ganga Nagar, Lucknow (U.P.) Pin-226009
Ph. - 0522368113, 0522368114, 0522368115, 0522368116, 0522368117, 0522368118, 0522368119, 0522368120, 0522368121, 0522368122, 0522368123, 0522368124, 0522368125, 0522368126, 0522368127, 0522368128, 0522368129, 0522368130, 0522368131, 0522368132, 0522368133, 0522368134, 0522368135, 0522368136, 0522368137, 0522368138, 0522368139, 0522368140, 0522368141, 0522368142, 0522368143, 0522368144, 0522368145, 0522368146, 0522368147, 0522368148, 0522368149, 0522368150, 0522368151, 0522368152, 0522368153, 0522368154, 0522368155, 0522368156, 0522368157, 0522368158, 0522368159, 0522368160, 0522368161, 0522368162, 0522368163, 0522368164, 0522368165, 0522368166, 0522368167, 0522368168, 0522368169, 0522368170, 0522368171, 0522368172, 0522368173, 0522368174, 0522368175, 0522368176, 0522368177, 0522368178, 0522368179, 0522368180, 0522368181, 0522368182, 0522368183, 0522368184, 0522368185, 0522368186, 0522368187, 0522368188, 0522368189, 0522368190, 0522368191, 0522368192, 0522368193, 0522368194, 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BEAM FRAMING PLAN & DETAIL OF SLAB AT
MACHINE ROOM FLOOR & MUMTY LVL

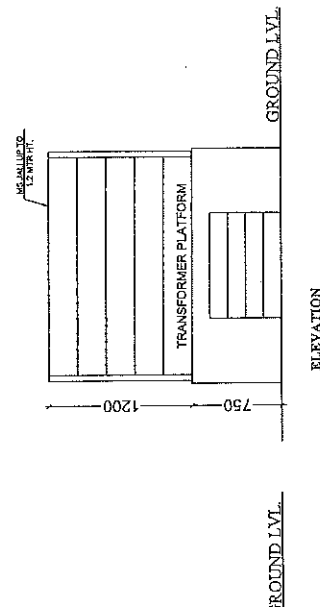
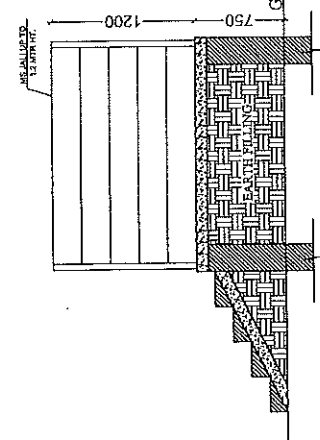
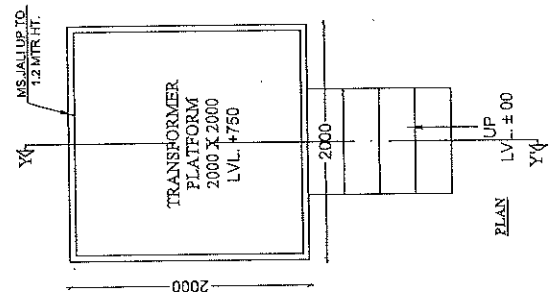
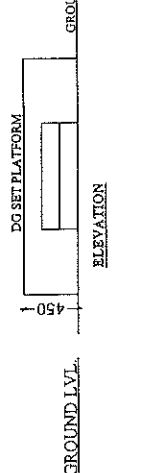
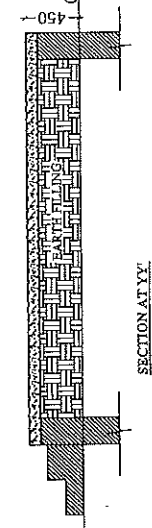
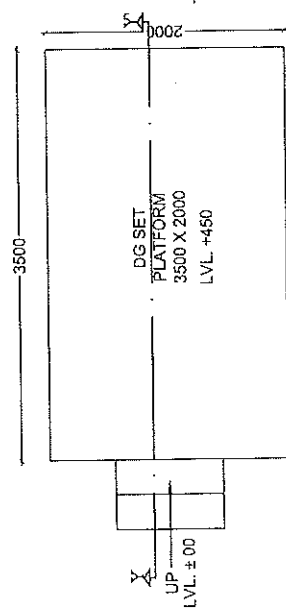


BEAM FRAMING PLAN & DETAIL OF SLAB AT
MACHINE ROOM ROOF

३०५० पुस्तक आवेस निगम लि०
अभियन्ता आशयन्ता
सहायक अभियन्ता
३० ५० पुस्तक आवेस निगम लि०
अभियन्ता इकाई

S.N.	ITEM	GRADE OF CONC.
1	Foundation & Columns Foundation (w) in Third Floor (w).	M 35
2	Columns Fourth floor (w) to have all floor (w).	M 35
3	Beams & Slab of Ground, First & Second floor (w).	M 30
4	Beams & Slab of Third floor roof & above all floors roof.	M 20

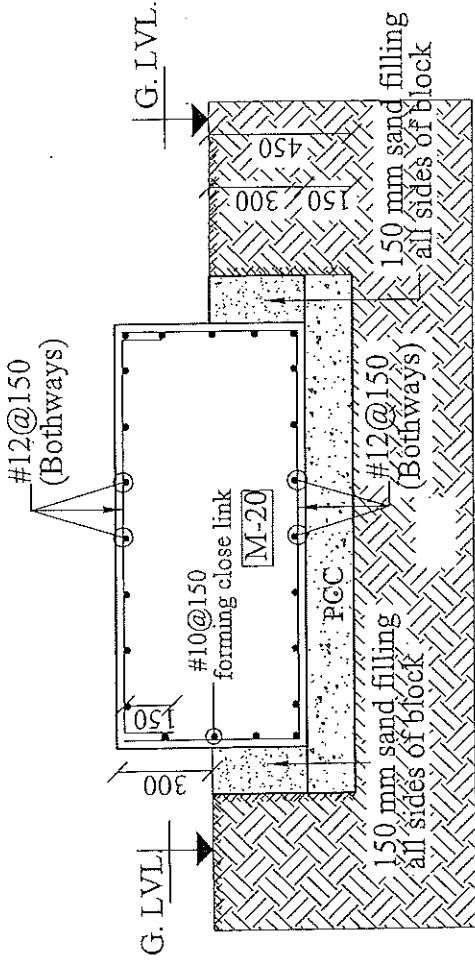
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	CLIENT :- HOME DEPARTMENT	BUILDING :- FIRE STATION (3/4 UNIT)	DRG. TITLE :- WORKING DRAWING DETAIL (DG SET & TRANSFORMER PLATFORM)	NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WENTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF MS SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING 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. THERE SHALL BE NO CHANGES IN THE DRAWING AFTER THE APPROVAL AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SEE SHOWN IN THE DRAWING ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENT FOR THE STRUCTURAL CONSULTANT. 7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AT THE REQUIREMENT OF THE CLIENT. 8. ALL THE WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENT OF THE BUILDING & FIRE CODE. 9. ALL THE WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENT OF THE BUILDING & FIRE CODE. 10. ALL THE WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENT OF THE BUILDING & FIRE CODE.
MANAGER (ARCH) :-		GM. :-		CONSTRUCTION AGENCY U.P. POLICE A WAS NIGAM LTD.
DATE :-		DRG. NO. :-		AR-01
SCALE :-		NORTH :-		DEALT BY :-
ARCHITECT :-		ARCHITECTURAL CONSULTANT		SWASTIKA ARCHITECTS & INTERIOR DESIGNERS S-2 ACF-116 SECTOR - D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE-9793433511 swastikaarchitect@gmail.com



सहायक अभियन्ता
 ३० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई

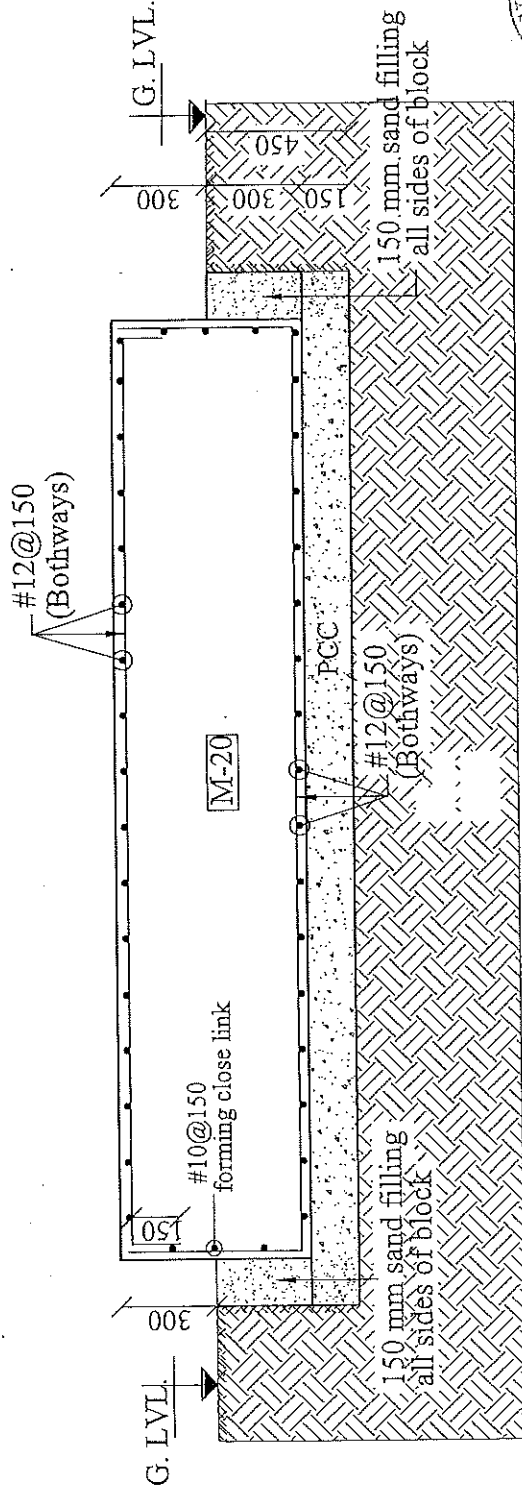
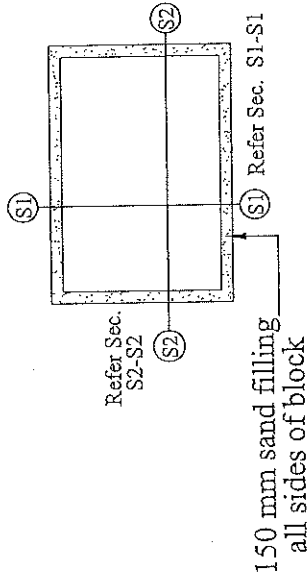
इकाई प्रभारी
 ३० प्र० पुलिस आवास निगम लि०
 निर्माण इकाई, राखनऊ

PROJECT :-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.
CLIENT :-	
BUILDING :-	D.G.SET PLATFORM
DWG. TITLE :-	PLATFORM DETAIL OF D.G. SET
NOTES :-	1. ALL DIMENSIONS ARE IN MM. 2. THIS DRAWING IS THE PROPERTY OF M/S. SWASTIKA ARCHITECTS & 3. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR 4. ANY DISCREPANCY IN THE DRAWING IS TO BE RESOLVED TO THE 5. THE ARCHITECT'S OFFICE. 6. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 7. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 8. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 9. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 10. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 11. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 12. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 13. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 14. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 15. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 16. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 17. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 18. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 19. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE 20. 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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 :-
FRANSHU VERMA	AR. PRAFULLA GUPTA
ARCHITECTURAL CONSULTANT	
SWASTIKA	
ARCHITECTS & INTERIOR DESIGNERS	
SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY	
SHARAD PATH LUCKNOW-226028,	
MOBILE-9799433111	
swastikaarchitect@gmail.com	



SEC. AT S1-S1

FOUNDATION PLAN

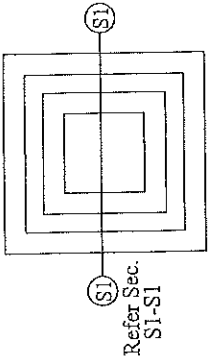


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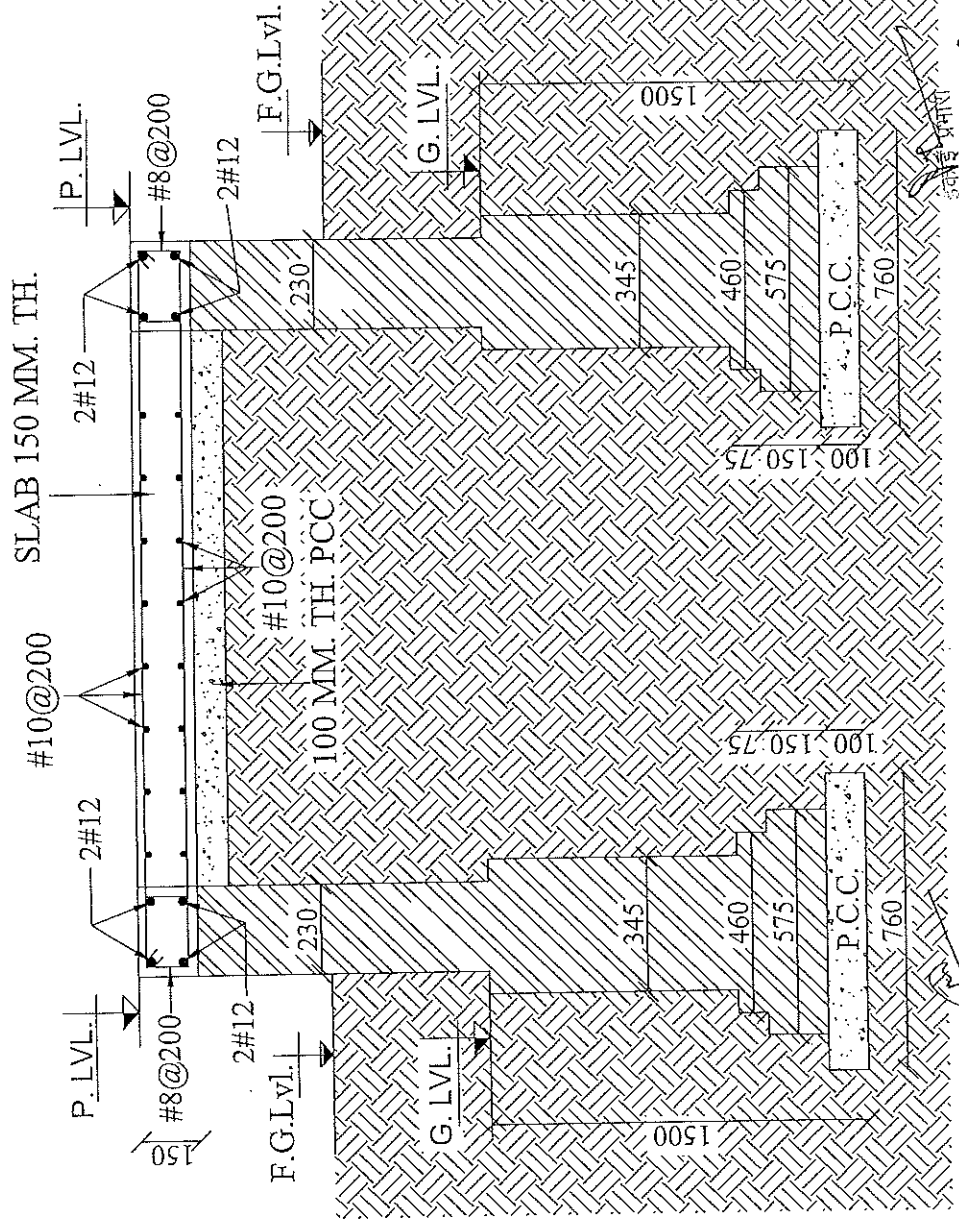


सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई



FOUNDATION PLAN



PROJECT :-			
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.			
CLIENT:-			
BUILDING :- Platform PLATFORM TRANSFORMER			
DRG. TITLE :-			
PLATFORM DETAIL OF TRANSFORMER			
<p>NOTES:-</p> <ol style="list-style-type: none">1. ALL DIMENSIONS ARE IN MM.2. WHETHER DIMENSION IS TO BE FOLLOWED DRAWING NOT BE SCALED.3. THIS DRAWING IS THE PROPERTY OF M/S. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.4. ANY DISCREPANCY IN THE DRAWING IS TO BE RESOLVED TO THE ARCHITECT'S FAVOR.5. THE DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.6. THE DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.7. THE DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.8. THE DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.9. THE DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.10. THE DRAWING IS FOR INFORMATION ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.			
MANAGER (ARCH):		G.M.:	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.			
DATE :-	DRG. NO. :-	AR-02	
SCALE :-	NORTH :-		
DEALT BY :-	ARCHITECT :-		
PRANSHU VERMA		AR. PRASHULLA GUPTA	
ARCHITECTURAL CONSULTANT			
<p>SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-10 SECTOR - D SUSHANT GOLF CITY SHAHED PATH, LUCKNOW-226029, MOBILE: 9793433311 swastikaarchitect@gmail.com</p>			

1030 पुलिस आवास निगम लि०
निर्माण इकाई, राखनऊ

SEC. AT S1-S1

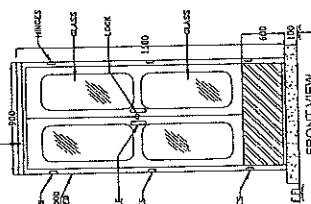
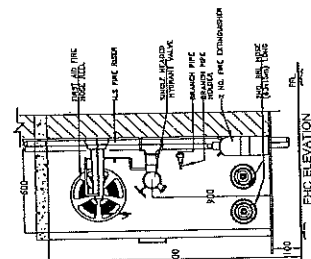
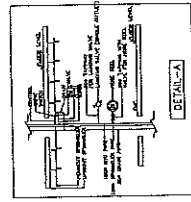
महोदय अभियन्ता
ड० प्र० पुलिस आवास निगम लि०

पृष्ठ संख्या



LEGEND:		DESCRIPTION
1	✕	PENDENT SPRINKLER
2	⊙	UPRIGHT SPRINKLER
3	△	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	⊙	600 DIAM 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 EXTINGUISHERS COMPRISING OF

- a) 4.5 Kg. Co2 type fire extinguishers
I.S.I. marked.
- b) 6 Kg. A.B.C. type fire extinguishers
I.S.I. marked.

(Gas pressure) fire extinguishers
complete with bracket, Bolts and initial
charge as per IS 940. —

ARCHITECTURAL CONSULTANTS :-
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-7 AG-119 SECTOR -D SUSHANT C
SHARAD PATH LUCKNOW-22
MOBILE: 9799413131
swastikarchitects@gmail.com

Drawn by	P-05	ASUP
4U/P/S/ST	PRAPTI	UNIVERSITY
	(B.Arch., M.Sc.)	
	CA/208/1761	
EB / 2028		

G.M. :-	Drg. No.
P.M. :-	FS-1
S.R.E. :-	Scale
	Date

DRAWING TITLE:-

BUILDING:

FIRE STATION (3/4 UNITS)

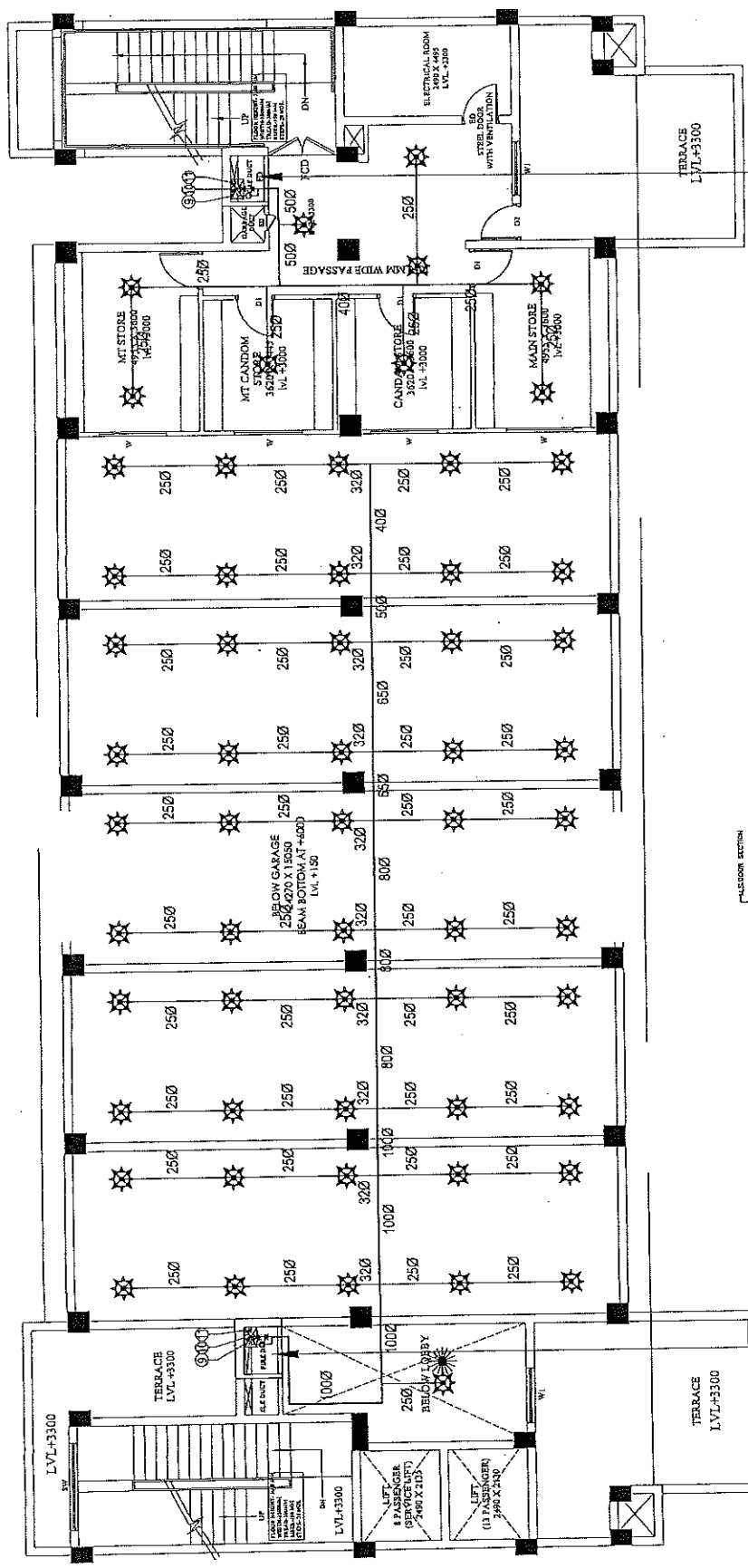
AGENCY:-	U.P. POLICE AWAS NIGAM LTD.
CLIENT:-	HOME DEPARTMENT

3	FHC	FIRE HOSE CABINET
---	-----	-------------------

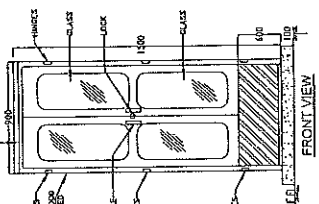
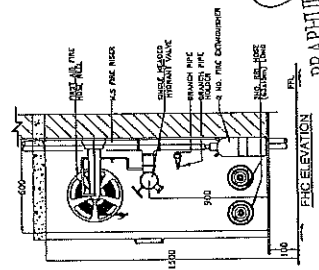
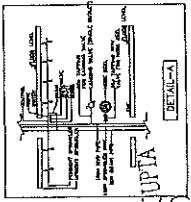
PROJECT:-

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

॥ श्रीगणेशाय नमः ॥



SPACE FOR DOWN COMER/WET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMER/WET RISER
 WITH FOLLOWING:
 a) 80 MM DIA SINGLE HEAD HYDRANT VALVE
 b) TWO NOS. 80 MM DIA 15 METER LONG FIRE HOSE PIPES
 c) TWO NOS. 80 MM DIA 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE



SPACE FOR DOWN COMER/WET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMER/WET RISER
 WITH FOLLOWING:
 a) 80 MM DIA SINGLE HEAD HYDRANT VALVE
 b) TWO NOS. 80 MM DIA 15 METER LONG FIRE HOSE PIPES
 c) TWO NOS. 80 MM DIA 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
 0.45 Kg. CO2 type fire extinguishers
 1.51 marked
 6 Kg. A.B.C. type fire extinguishers
 1.51 marked
 (On pressure) fire extinguishers
 complete with bracket, Bells and initial
 charge as per IS 940.

S.NO.	SYMBOL	DESCRIPTION
1	☼	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	☼	800 DRIFT PIPE
7	☼	1500 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: FIRE STATION (3/4 UNITS)

BUILDING:

DATE: 18/07/2023

DESIGNED BY: PRAPUN KUMAR GUPTA (B.Arch, M.Phil)

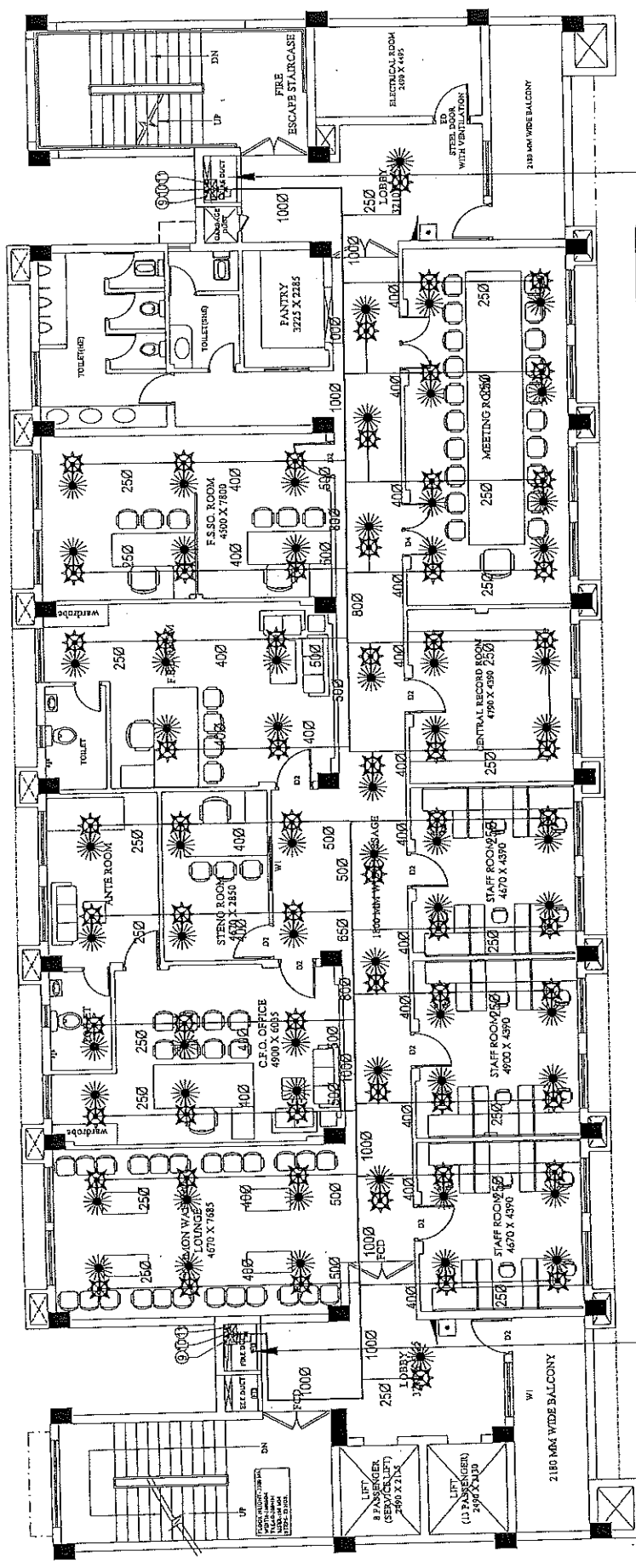
CHECKED BY: M. PANT

SCALE: AS SHOWN

DATE: 18/07/2023

ARCHITECTURAL CONSULTANTS: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS

SHAH & PAUL

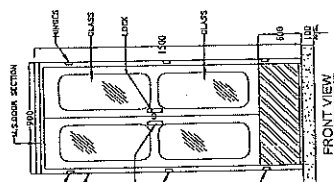
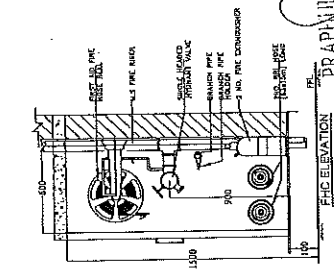
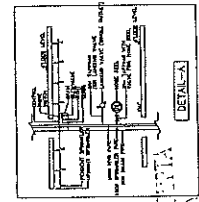
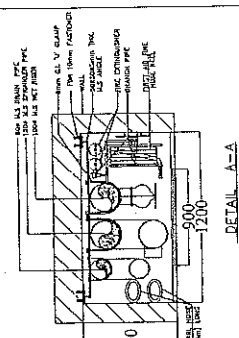


SPACE FOR DOWN COMERWET RISER

FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA 30 METER LONG FIRE HOSE REEL
c) TWO NOS. 25 MM DIA 15 METER LONG FIRE HOSE PIPES
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER

FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA 30 METER LONG FIRE 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) 1.5 marked
c) 9 Kg. A.B.C. type fire extinguishers
d) 1.5 marked
e) 1.5 marked
f) 1.5 marked
g) 1.5 marked
h) 1.5 marked
i) 1.5 marked
j) 1.5 marked
k) 1.5 marked
l) 1.5 marked
m) 1.5 marked
n) 1.5 marked
o) 1.5 marked
p) 1.5 marked
q) 1.5 marked
r) 1.5 marked
s) 1.5 marked
t) 1.5 marked
u) 1.5 marked
v) 1.5 marked
w) 1.5 marked
x) 1.5 marked
y) 1.5 marked
z) 1.5 marked

S.NO.	SYMBOL	DESCRIPTION
1	☼	PENDANT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	☼	800 DRAIN PIPE
7	☼	1000 SPUNKLER PIPE
8	☼	1000 HYDRANT PIPE
9	☼	BUTTERFLY VALVE
10	☼	TEST ASSEMBLY
11	☼	FLOW SWITCH
12	☼	FLOW SWITCH
13	☼	FIRE ROSE CABINET

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

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

CLIENT:- HOME DEPARTMENT

DRAWING TITLE:- SECOND FLOOR PLAN (FIRE FIGHTING SERVICES)

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

Date: 28/12/2028

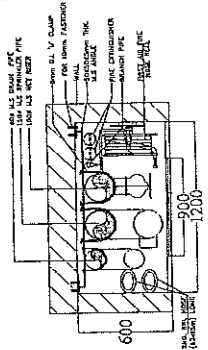
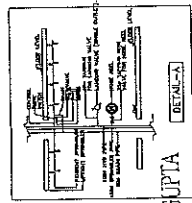
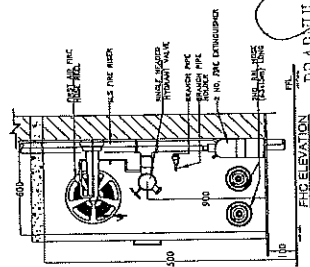
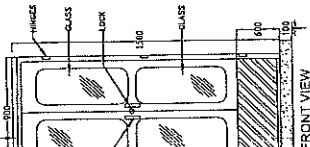
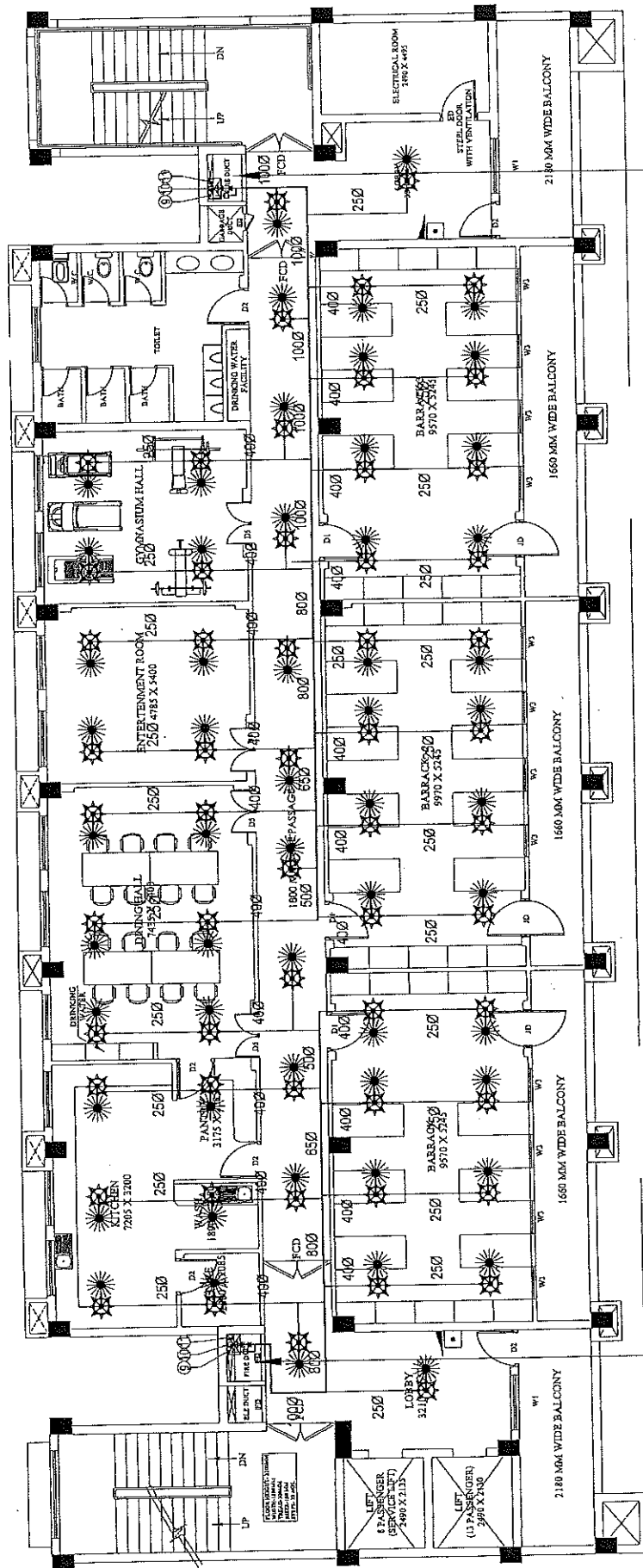
Drawn by: M. PANT

Checked By: M. PANT

Architectural Consultants: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS
S-2 AGF-10 SECTOR-D SURYANATH GOLF CITY
SHARAD PATH LUCKNOW-226007
MOBILE: 9954531111
swastikaarchitects@gmail.com

SHR & PART

APPROVED: 30. प्र० पुलिस आवास निगम प्र०



SPACE FOR DOWN COMER/WEI RISER!

FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMER/WEI RISER
WITH FOLLOWINGS:
a) 57 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 COMPRISING OF

1) 4.5 Kg. Co2 type fire extinguishers
I.S.I marked.

2) 6 Kg. A.B.C. type fire extinguishers
I.S.I marked.

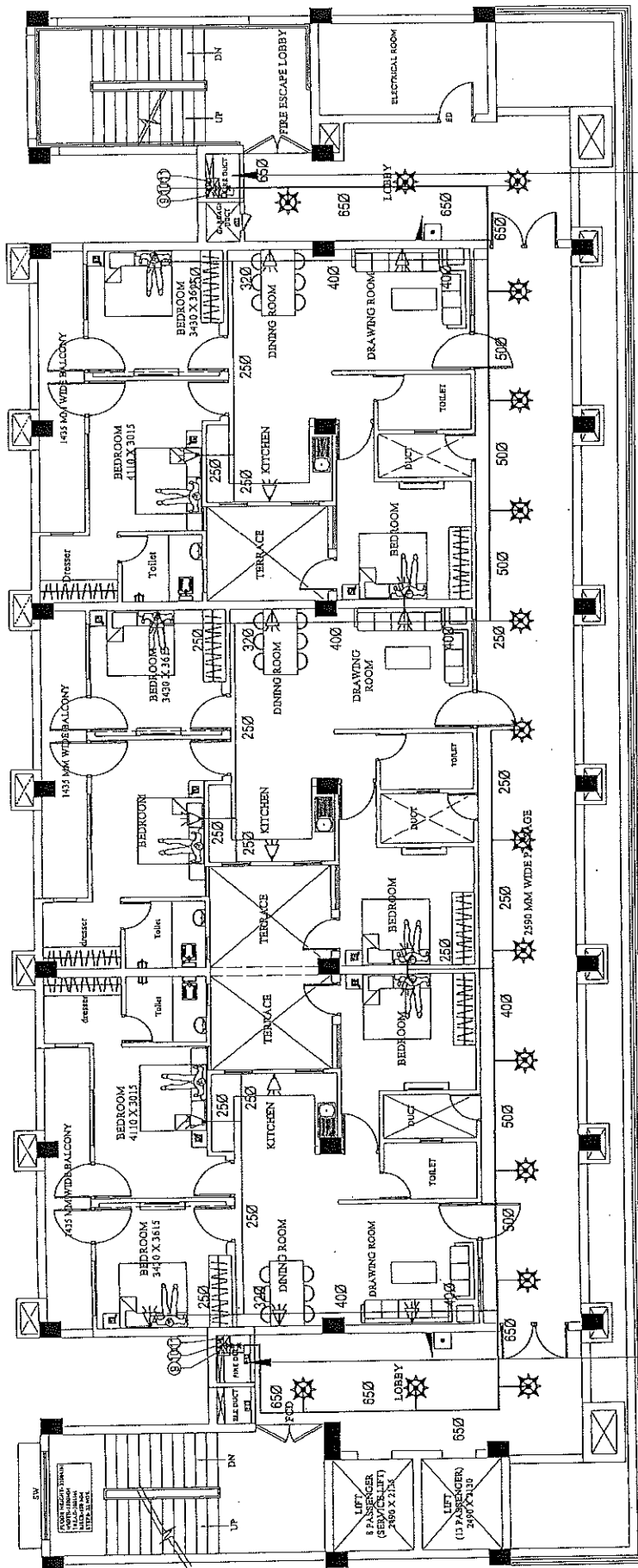
(Gas pressure) fire extinguishers
complete with bracket, Bolts and initial
charge as per IS 940 -

SPACE FOR DOWN COMER/WET RISER

FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMER/WET RISER
WITH FOLLOWINGS:-

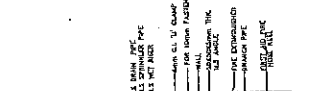
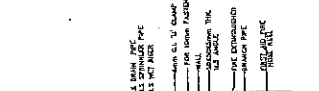
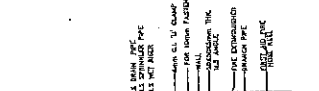
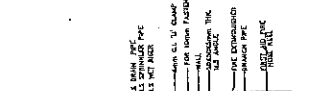
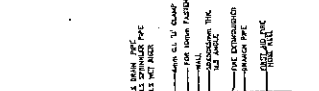
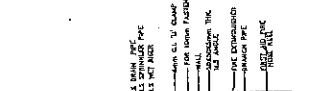
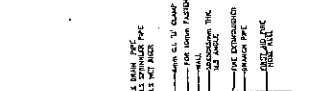
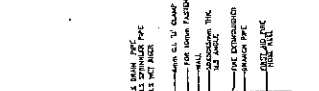
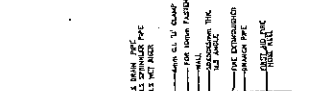
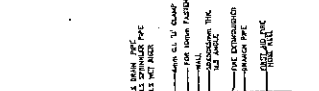
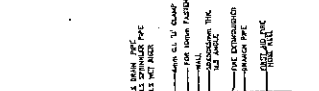
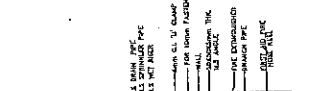
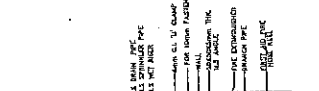
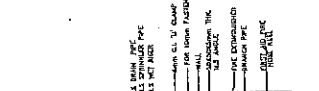
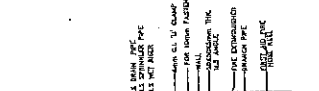
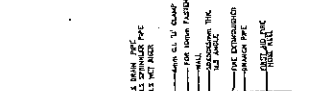
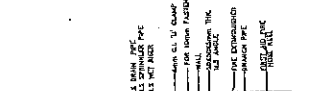
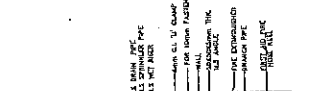
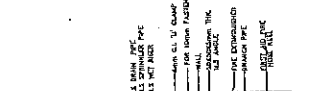
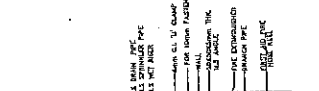
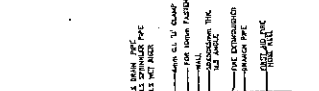
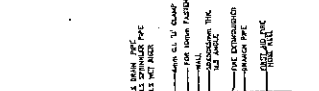
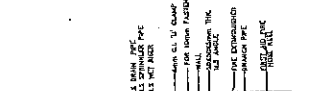
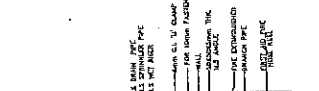
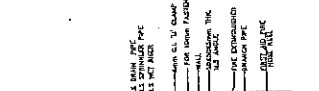
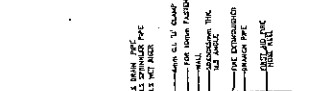
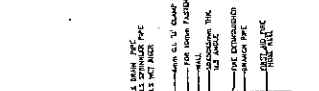
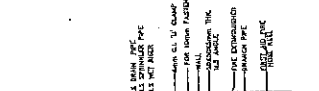
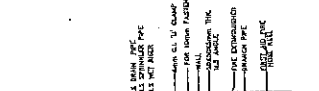
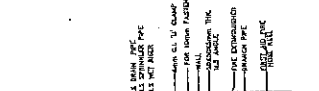
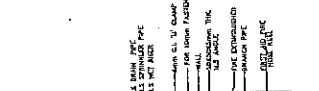
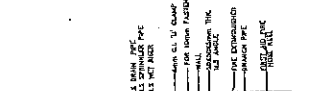
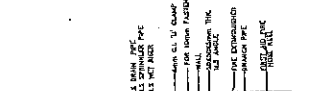
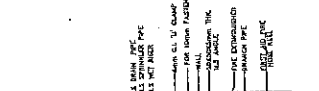
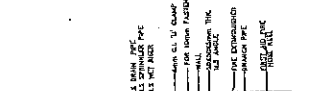
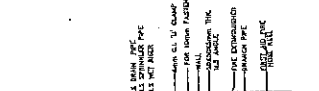
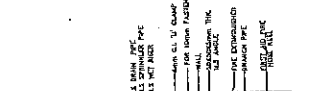
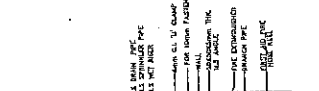
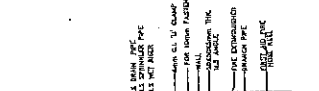
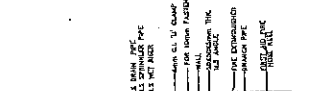
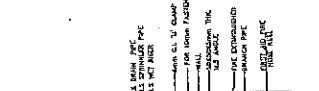
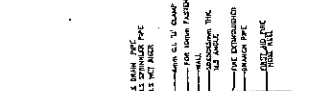
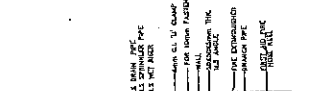
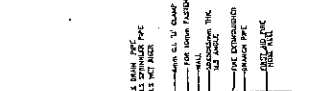
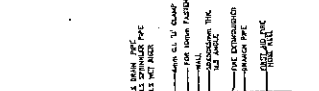
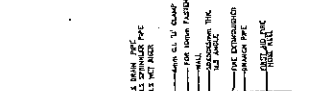
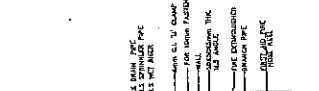
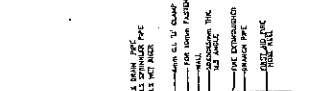
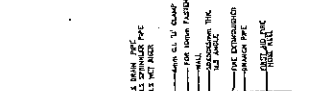
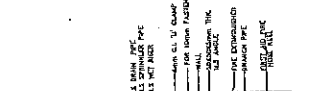
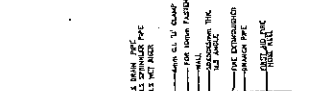
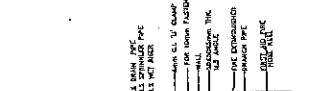
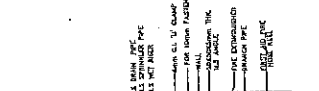
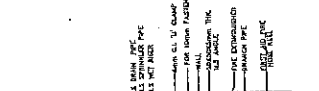
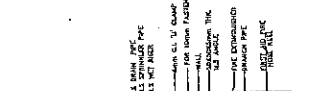
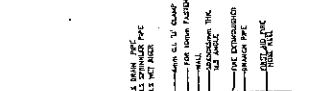
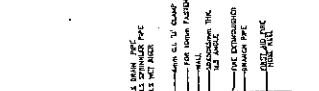
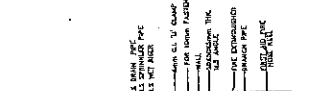
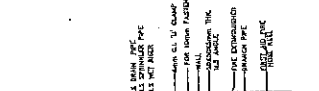
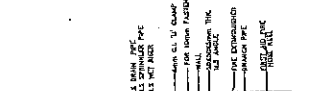
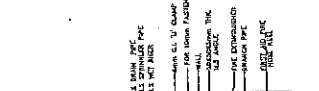
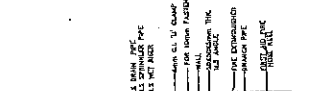
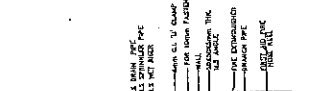
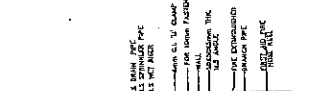
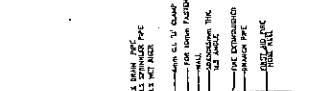
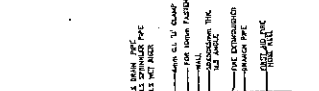
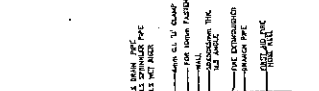
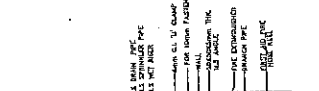
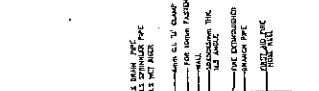
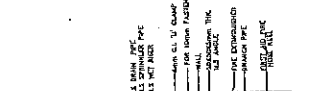
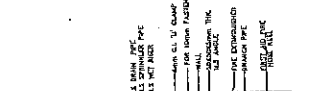
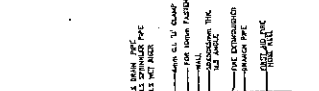
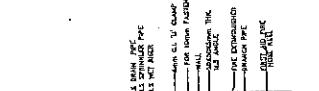
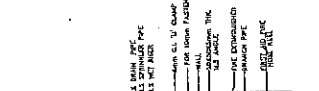
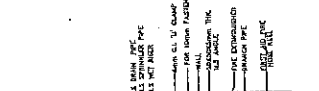
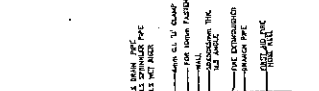
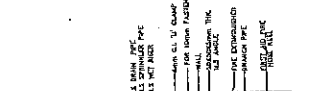
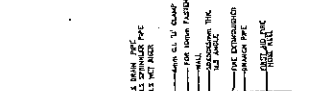
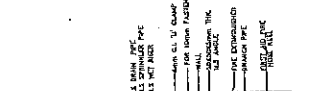
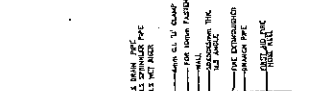
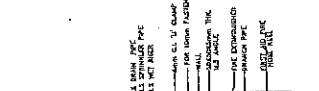
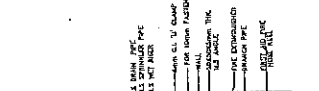
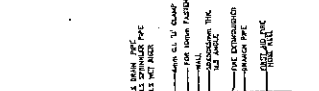
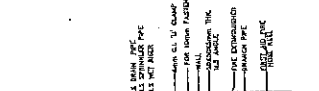
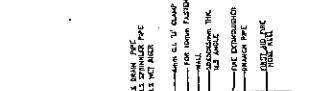
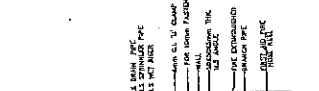
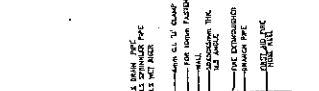
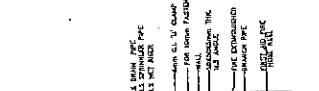
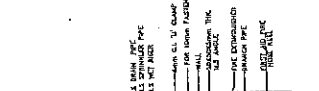
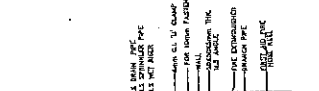
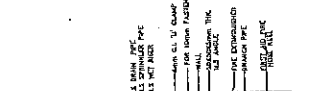
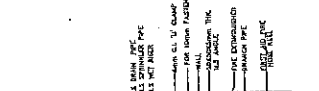
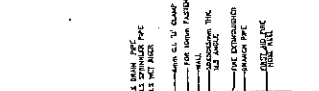
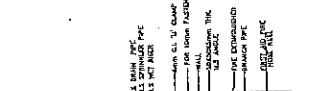
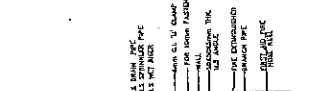
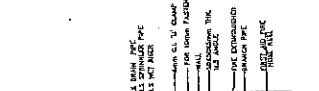
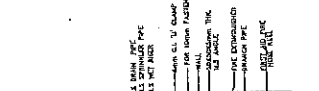
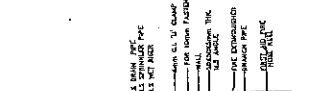
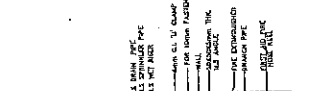
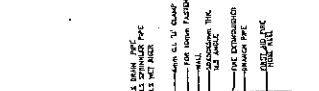
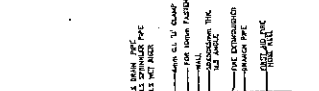
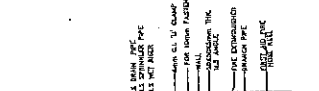
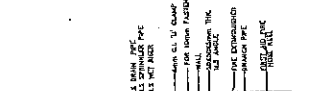
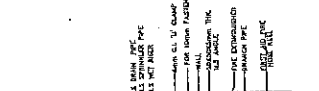
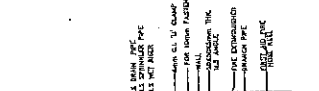
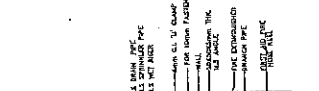
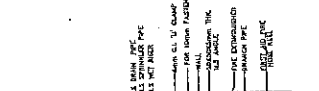
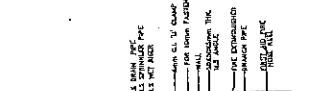
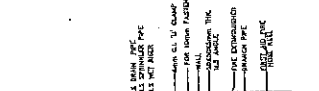
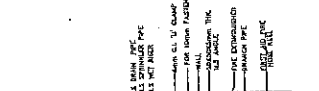
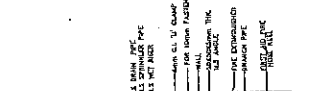
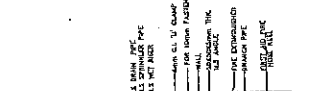
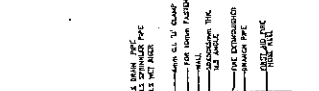
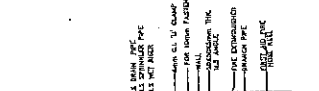
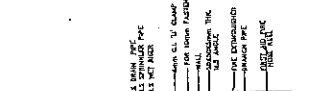
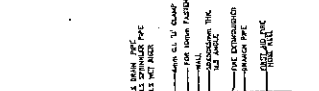
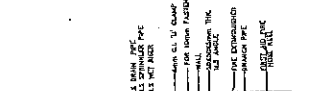
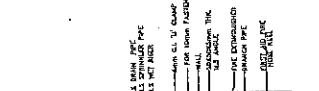
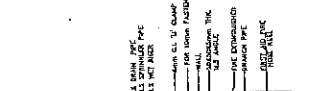
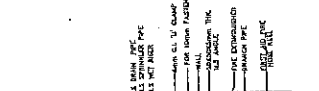
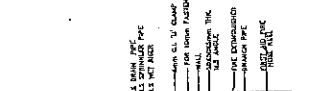
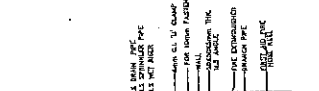
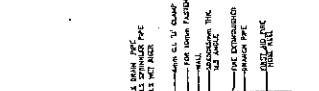
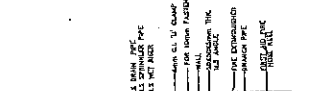
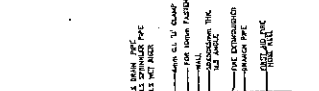
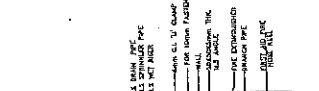
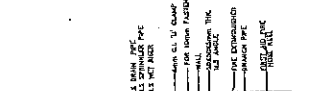
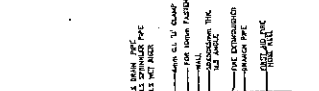
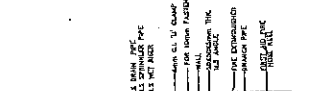
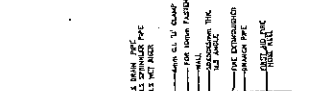
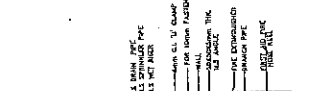
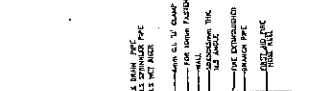
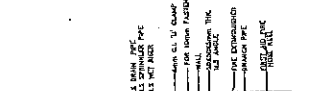
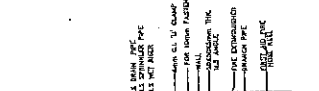
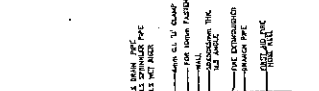
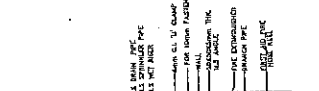
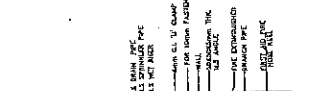
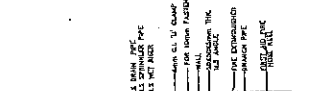
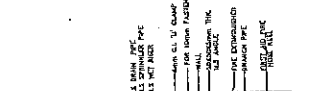
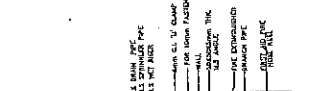
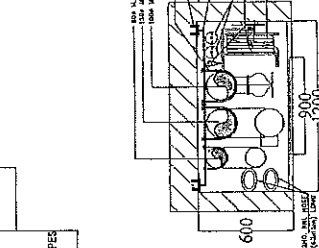
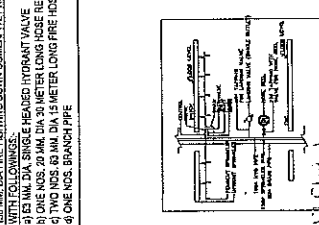
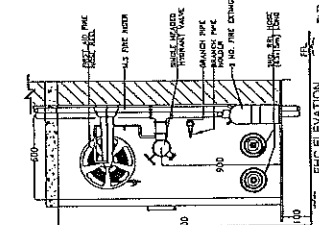
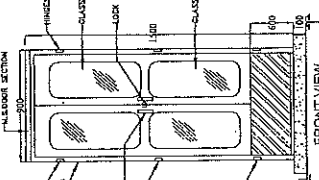
- a) 53 MM DIA. SINGLE HEADED HYDRANT VALVE
- b) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
- c) TWO NOS. 53 MM DIA. 15 METER LONG FIRE PIPE
- d) ONE NOS. BRANCH PIPE

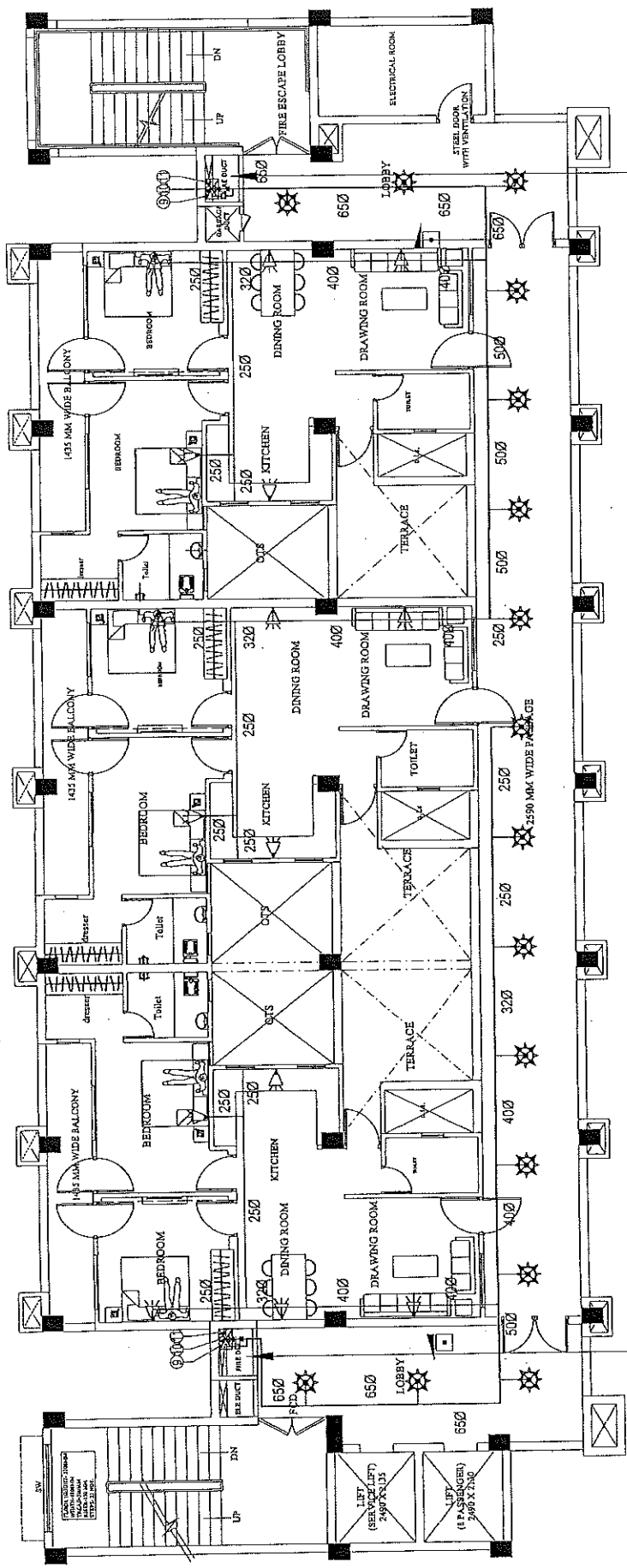
LEGEND:		ITEM NO.	SYMBOL	DESCRIPTION
1	✖	1	✖	FENDENT SPRINKLER
2	⊗	2	⊗	UPRIGHT SPRINKLER
3	⊳	3	⊳	SIDE WALL SPRINKLER
4	—	4	—	BRANCH PIPE
5	—	5	—	MAIN SPRINKLER PIPE
6	⊙	6	⊙	800 DRAIN PIPE
7	⊙	7	⊙	1500 SPRINKLER PIPE
8	⊙	8	⊙	1000 HYDRANT PIPE
9	⊙	9	⊙	BUTTERFLY VALVE
10	⊠	10	⊠	TEST ASSEMBLY
11	□	11	□	FLOW SWITCH
12	⊗	12	⊗	FIRE ROSE CABINET
13	⊠	13	⊠	ENC



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 HOSE REEL
 3) TWO NOS. 50 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
 WITH FOLLOWINGS:
 1) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 2) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 3) TWO NOS. 50 MM DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

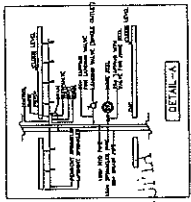
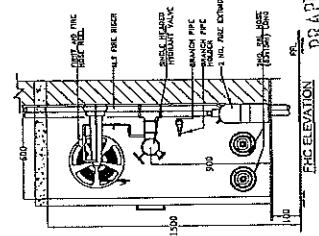
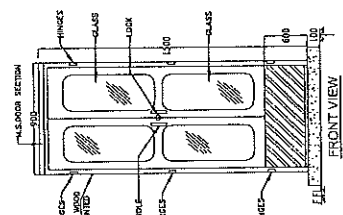




SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMER WET RISER
 WITH FOLLOWINGS:
 a) 83 MM DIA SINGLE HEADED HYDRANT VALVE
 b) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 c) TWO NOS. 20 MM DIA 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMER WET RISER
 WITH FOLLOWINGS:
 a) 83 MM DIA SINGLE HEADED HYDRANT VALVE
 b) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 c) TWO NOS. 20 MM DIA 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
 0.45 Kg. CO2 type fire extinguishers
 1.51 Kg. A.B.C. type fire extinguishers
 1.51 Kg. A.B.C. type fire extinguishers
 1.51 Kg. A.B.C. type fire extinguishers
 (Gas pressure) fire extinguishers
 complete with bracket, Bolt and initial
 change as per IS 940.



अवर जमियता
 अवत जमियता
 अवत जमियता

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

CLIENT:-
HOME DEPARTMENT

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

ARCHITECTURAL CONSULTANTS:-
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-118 SECTOR-30 SURKAT GOLF CITY
SHAHED PATH LUCKNOW-22609,
MOBILE-979955311
swastikaarchitects@gmail.com

DRAWING TITLE:-
FIRE STATION (3/4 UNIT)

SCALE:-
1:100

DATE:-
18/12/2025

CHECKED BY:-
M. PANT

DESIGNED BY:-
ASIE

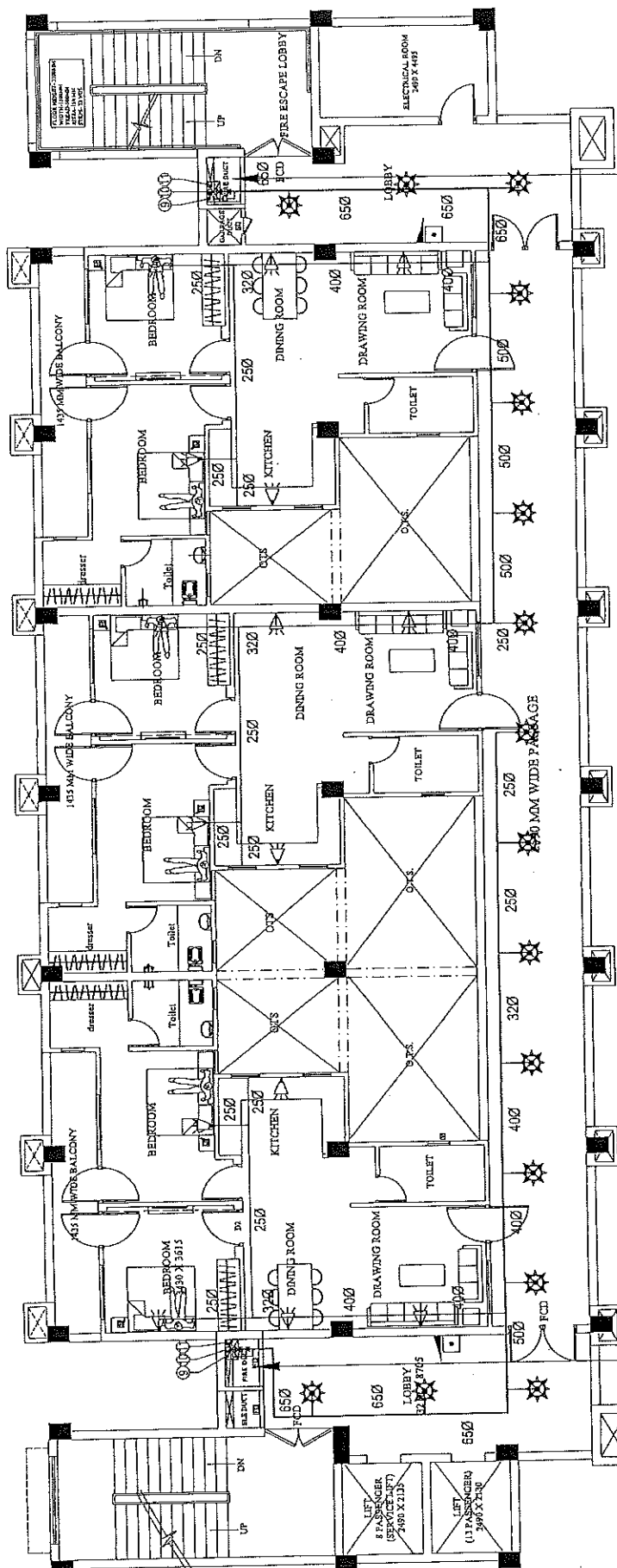
DATE:-
18/12/2025

DRAWN BY:-
ASIE

DATE:-
18/12/2025

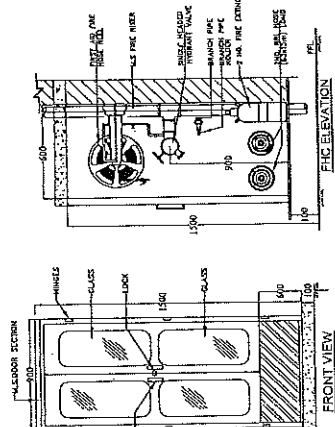
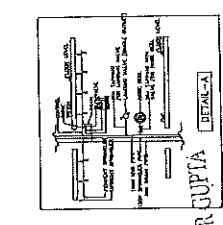
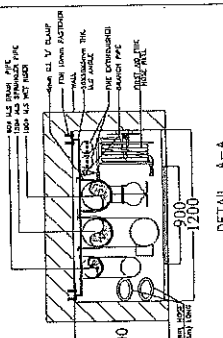
PROJECT NO:-
CA/2088/13652

ARCHITECTURAL CONSULTANTS:-
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-118 SECTOR-30 SURKAT GOLF CITY
SHAHED PATH LUCKNOW-22609,
MOBILE-979955311
swastikaarchitects@gmail.com



SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
 WITH 150 MM DIA SINGLE HEADED HYDRANT VALVE
 1) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 2) TWO NOS. 50 MM DIA 15 METER LONG FIRE HOSE PIPES
 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
 WITH 150 MM DIA SINGLE HEADED HYDRANT VALVE
 1) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 2) TWO NOS. 50 MM DIA 15 METER LONG FIRE HOSE PIPES
 3) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS. BRANCH PIPE

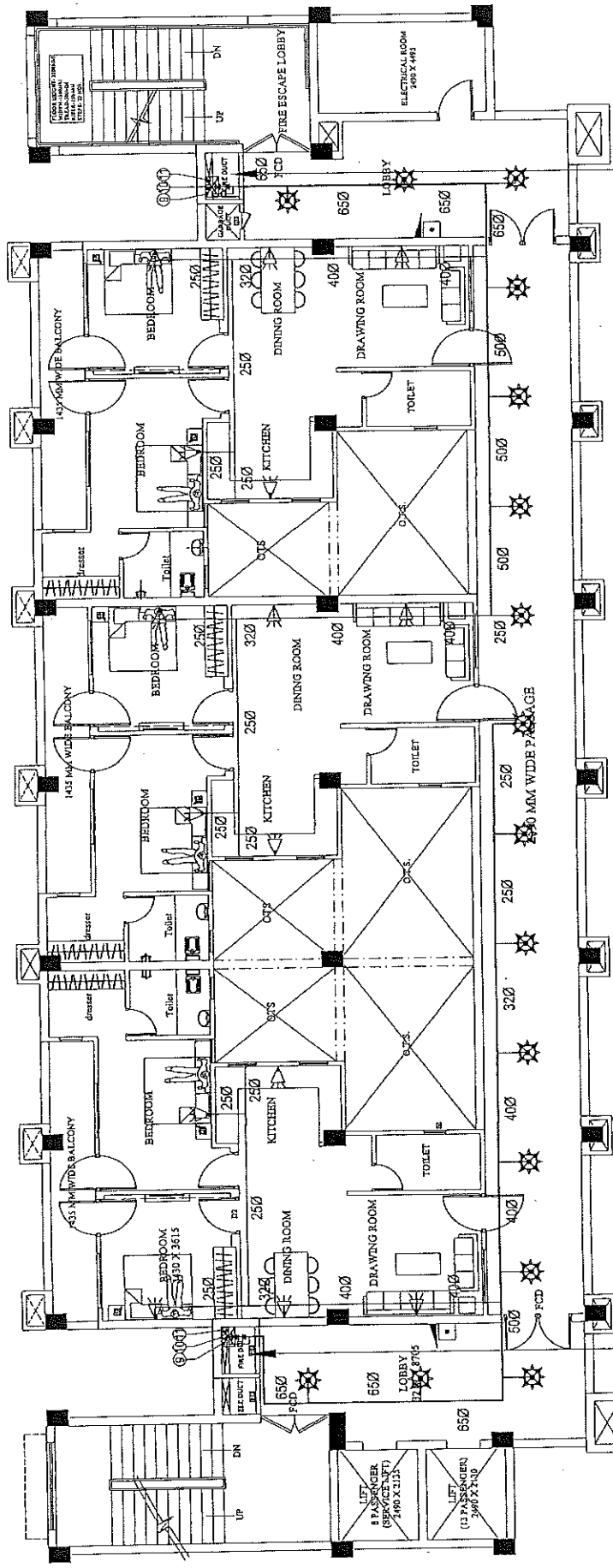


FIRE EXTINGUISHERS COMPRISING OF
 1) 4.5 Kg. CO2 type fire extinguishers
 2) 1.81 standard
 3) 6 Kg. A.B.C. type fire extinguishers
 4) 1.81 standard
 (Gas pressure) fire extinguishers
 complete with bracket, bolts and nut
 charge as per IS 940.

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

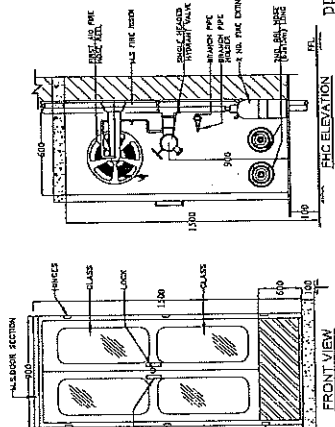
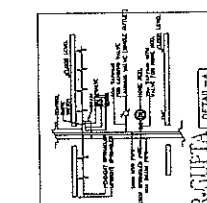
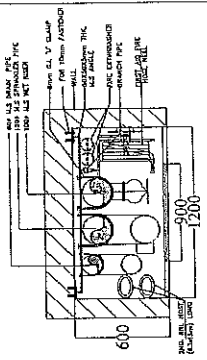
उत्तर अभियंता
 3080 पुलिस आवास निगम लि.
 3080 पुलिस आवास निगम लि.
 3080 पुलिस आवास निगम लि.

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.		BUILDING:- U.P. POLICE AWAS NIGAM LTD.		CLIENT:- HOME DEPARTMENT	
DRAWING TITLE:- SIXTH FLOOR PLAN (FIRE FIGHTING SERVICES)		AGENCY:- 3080 पुलिस आवास निगम लि. 3080 पुलिस आवास निगम लि. 3080 पुलिस आवास निगम लि.		DATE:- 07/2025	
DESIGNED BY:- PRAFULL KUMAR GUPTA (B. Arch, M. Plan)		CHECKED BY:- M. PANT		DATE:- 07/2025	
SCALE:- FS-1/40/PS/SIP-09		PROJECT NO.:- 3080 पुलिस आवास निगम लि.		PROJECT NO.:- 3080 पुलिस आवास निगम लि.	
ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & DESIGNERS 3080 पुलिस आवास निगम लि. SHARAD PATH LUCKNOW-226023 MOBILE 9795431311 swastikaarchitects@gmail.com		DESIGNED BY:- PRAFULL KUMAR GUPTA (B. Arch, M. Plan)		CHECKED BY:- M. PANT	
DATE:- 07/2025		DATE:- 07/2025		DATE:- 07/2025	



SPACE FOR DOWN COMER/WET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMER/WET RISER
1) 15 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 COMER/WET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMER/WET RISER
1) 15 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



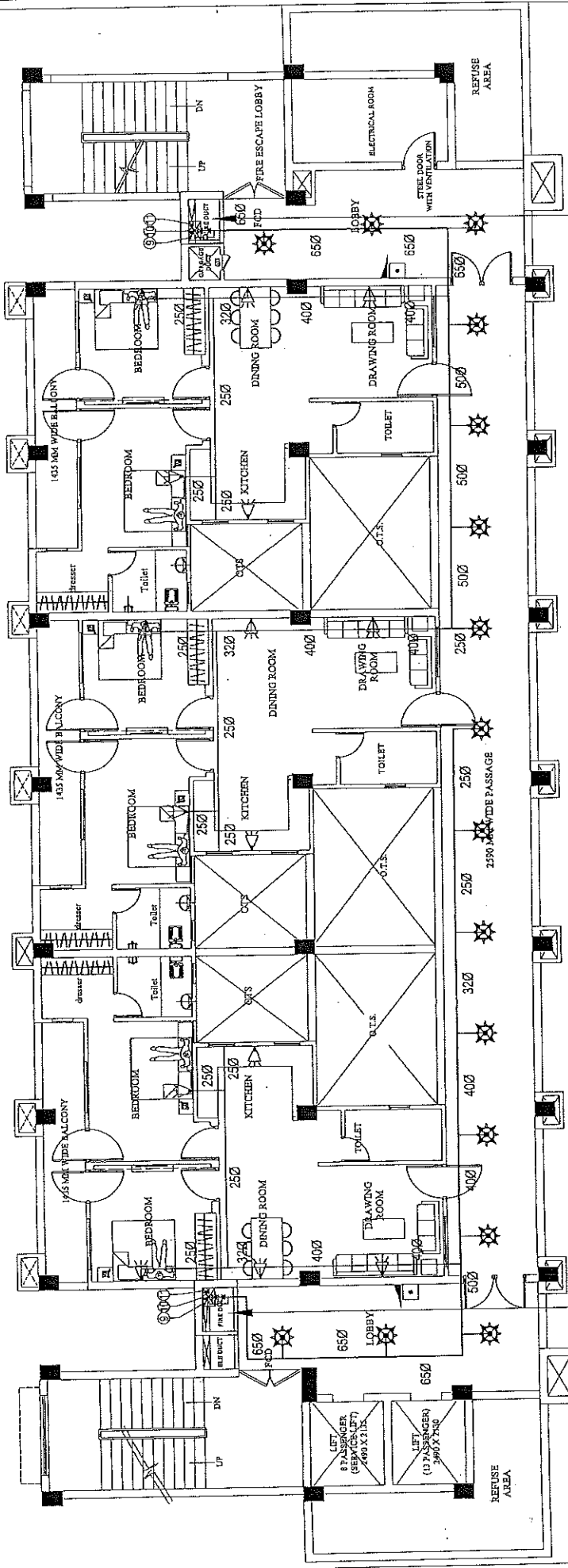
FIRE EXTINGUISHERS COMPRISING OF
a) 4.5 Kg. CO2 type fire extinguishers
b) 6 Kg. A.B.C. type fire extinguishers
c) 1.5 L marked.
(One pressure) fire extinguishers
complete with bracket, Bolt and initial
charge as per IS 940.

S.NO.	SYMBOL	DESCRIPTION
1	☼	PENDANT SPRINKLER
2	☼	UPRAIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	☼	W/D DRAIN PIPE
7	☼	1500 SPRINKLER PIPE
8	☼	1000 HYDRANT PIPE
9	☼	BUTTERFLY VALVE
10	☼	TEST ASSEMBLY
11	☼	FLOW SWITCH
12	☼	FIRE HOSE CABINET

उपरी अभियंता
उपरी आवास निमित्त
आवश्यक इकाई-संख्या

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:- 1:100	Drawn by:- P. S. / A. / P. S. / P. - 10	Checked by:- A. S. / P.	ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIORS 38-1 SHARDA PATH LUCKNOW-226009, MOBILE-993433511 swastikaarchitects@gmail.com	SHEET:- SHAH & PART
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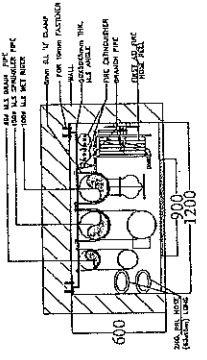
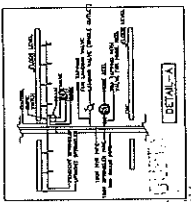
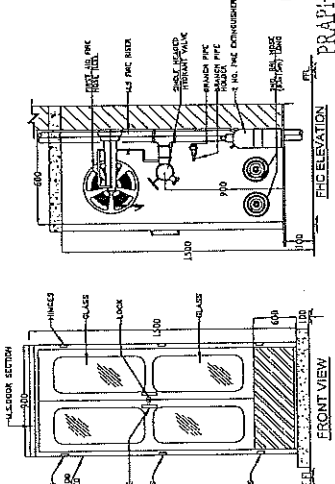
135



SPACE FOR DOWN CORNER RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN CORNER RISER
WITH FOLLOWING:
a) 45 KG CO2 TYPE FIRE EXTINGUISHER
b) 1500 SPRINKLER PIPE
c) ONE NOS. 25 MM DIA 15 METER LONG HOSE REEL
d) TWO NOS. 50 MM DIA 15 METER LONG FIRE HOSE PIPES
e) ONE NOS. BRANCH PIPE

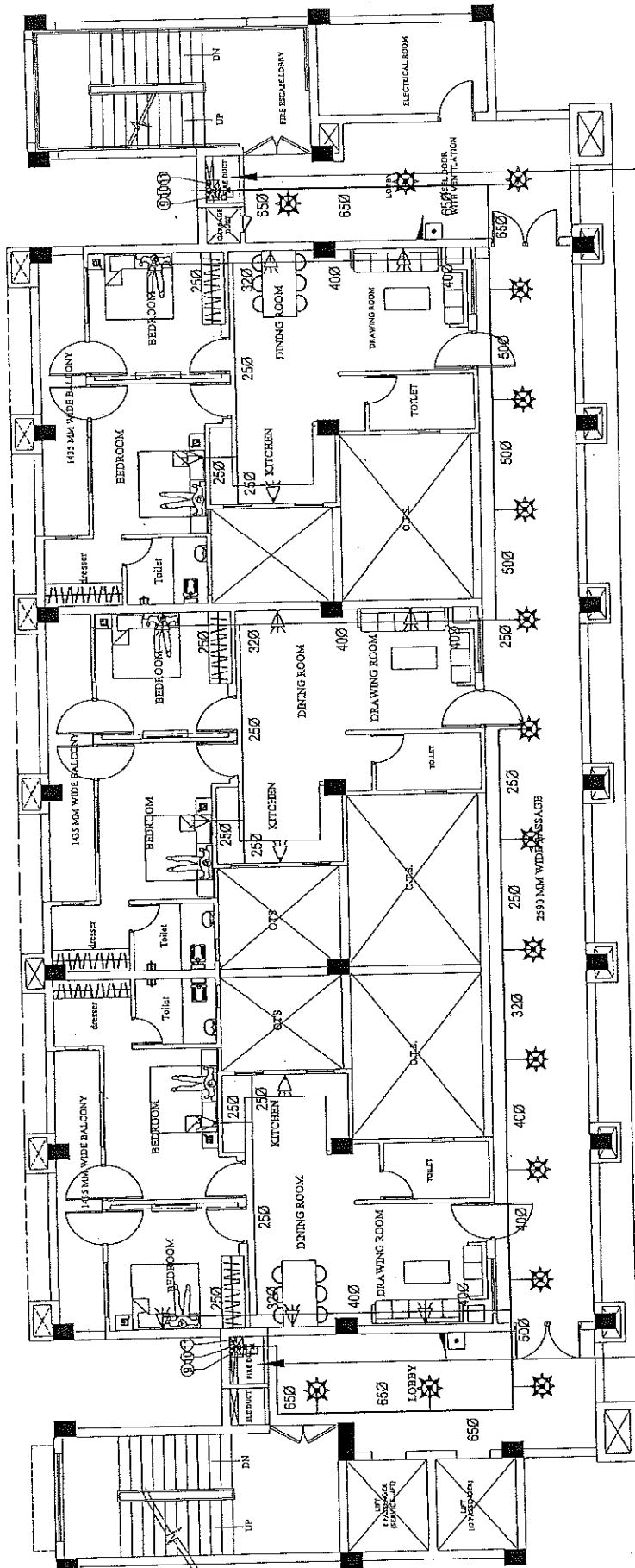
SPACE FOR DOWN CORNER RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN CORNER RISER
WITH FOLLOWING:
a) 45 KG CO2 TYPE FIRE EXTINGUISHER
b) 1500 SPRINKLER PIPE
c) ONE NOS. 25 MM DIA 15 METER LONG HOSE REEL
d) TWO NOS. 50 MM DIA 15 METER LONG FIRE HOSE PIPES
e) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
a) 45 KG CO2 TYPE FIRE EXTINGUISHER
b) 1500 SPRINKLER PIPE
c) ONE NOS. 25 MM DIA 15 METER LONG HOSE REEL
d) TWO NOS. 50 MM DIA 15 METER LONG FIRE HOSE PIPES
e) ONE NOS. BRANCH PIPE
complete with bracket, Bolt and label
charge as per IS 940.



LEGEND:	S.NO.	SYMBOL	DESCRIPTION
1	1	☼	PENDENT SPRINKLER
2	2	☼	UPRIGHT SPRINKLER
3	3	☼	SIDE WALL SPRINKLER
4	4	☼	BRANCH PIPE
5	5	☼	MAIN SPRINKLER PIPE
6	6	☼	500 DRAIN PIPE
7	7	☼	1500 SPRINKLER PIPE
8	8	☼	1500 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.		BUILDING:- U.P. POLICE AWAS NIGAM LTD. HOME DEPARTMENT.		DRAWING TITLE:- EIGHTH FLOOR PLAN (FIRE FIGHTING SERVICES)		Q.M.:- P.M.:-		Drg. No.:- Scale:-		Drawn by:- Checked by:-		ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 ACF-110 SECTOR-D SUBSANT COLP CITY SHARH & PHOT SHARH & PHOT SHARH & PHOT		DATE:- 8/2025	
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SPACE FOR DOWN COMER WET RISER

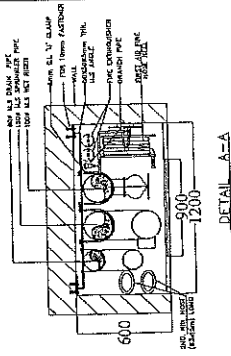
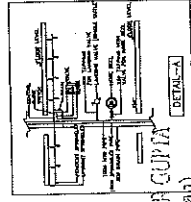
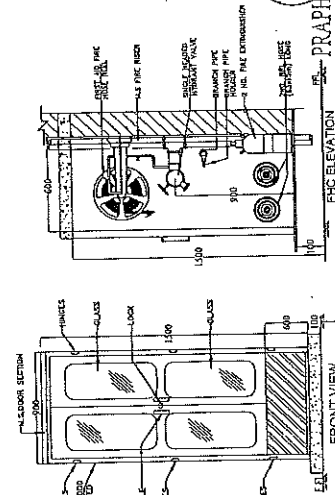
FIRE HYDRANT
150 MM DIA. FIRE EXTINGUISHING DOWN COMER WET RISER
1) ONE NOS. 20 MM DIA. SINGLE HEADED HYDRANT VALVE
2) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
3) TWO NOS. 83 MM DIA. 15 METER LONG FIRE HOSE PIPES
4) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMER WET RISER

FIRE HYDRANT
150 MM DIA. FIRE EXTINGUISHING DOWN COMER WET RISER
1) ONE NOS. 20 MM DIA. SINGLE HEADED HYDRANT VALVE
2) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
3) TWO NOS. 83 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) 1.5 Kg. CO2 type fire extinguishers
3) 6 Kg. A.B.C. type fire extinguishers
4) 1.5 Kg. CO2 type fire extinguishers
(One pressure fire extinguishers complete with bracket, Bolt and initial charge as per IS 940...



S.NO	SYMBOL	DESCRIPTION
1	☼	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	☼	BRANCH PTE
5	☼	MAIN SPRINKLER PIPE
6	☼	800 DRAIN PIPE
7	☼	500 SPRINKLER PIPE
8	☼	1000 HYDRANT PIPE
9	☼	BUTTERFLY VALVE
10	☼	TEST ASSEMBLY
11	☼	FLOW SWITCH
12	☼	FIRE HOSE CABINET
13	☼	FIRE

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: NINTH FLOOR PLAN (FIRE FIGHTING SERVICES)

BUILDING: FIRE STATION (3/4 UNITS)

Scale: FS-1/AL/PS/SP-12

Drawn by: PRAPENIL KUMAR GUPTA (BArch, M. Phil)

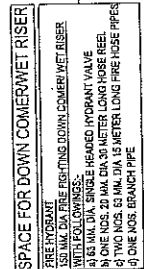
Checked by: M. PANT













Date: 25/02/2024

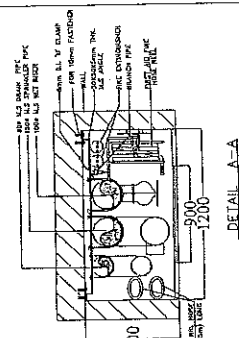
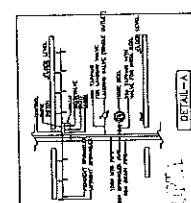
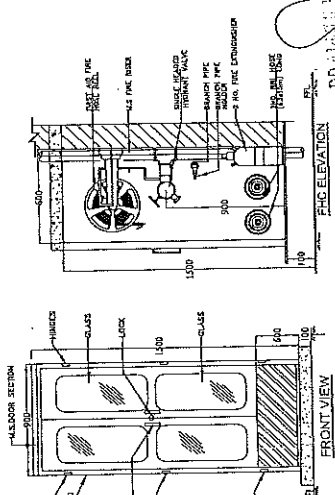
CAZ: 208/43652

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
85-A GRI-16 SECTOR-10 SURABIT GOLF CITY
SHARAD PATH LUCKNOW-226029
MOBILE-9795453111
swastikadecor@gmail.com

SHR & PROI
SHR & PROI
SHR & PROI



LEGEND:	SNO.	SYMBOL	DESCRIPTION
	1		PENDANT SPRINKLER
	2		UPRIGHT SPRINKLER
	3		SIDE WALL SPRINKLER
	4		BRANCH PIPE
	5		MAIN SPRINKLER PIPE
	6		800 DRAIN PIPE
	8		1500 SPRINKLER PIPE
	9		1000 HYDRANT PIPE
	10		BUTTERFLY VALVE
	11		TEST ASSEMBLY
	12		FLOW SWITCH
	13		FIRE HOSE CABINET



FIRE EXTINGUISHERS COMPRISING OF

a) 4.5 Kg. Co2 type fire extinguishers
1.5% marked

b) 6 Kg. A.B.C. type fire extinguishers
1.5% marked

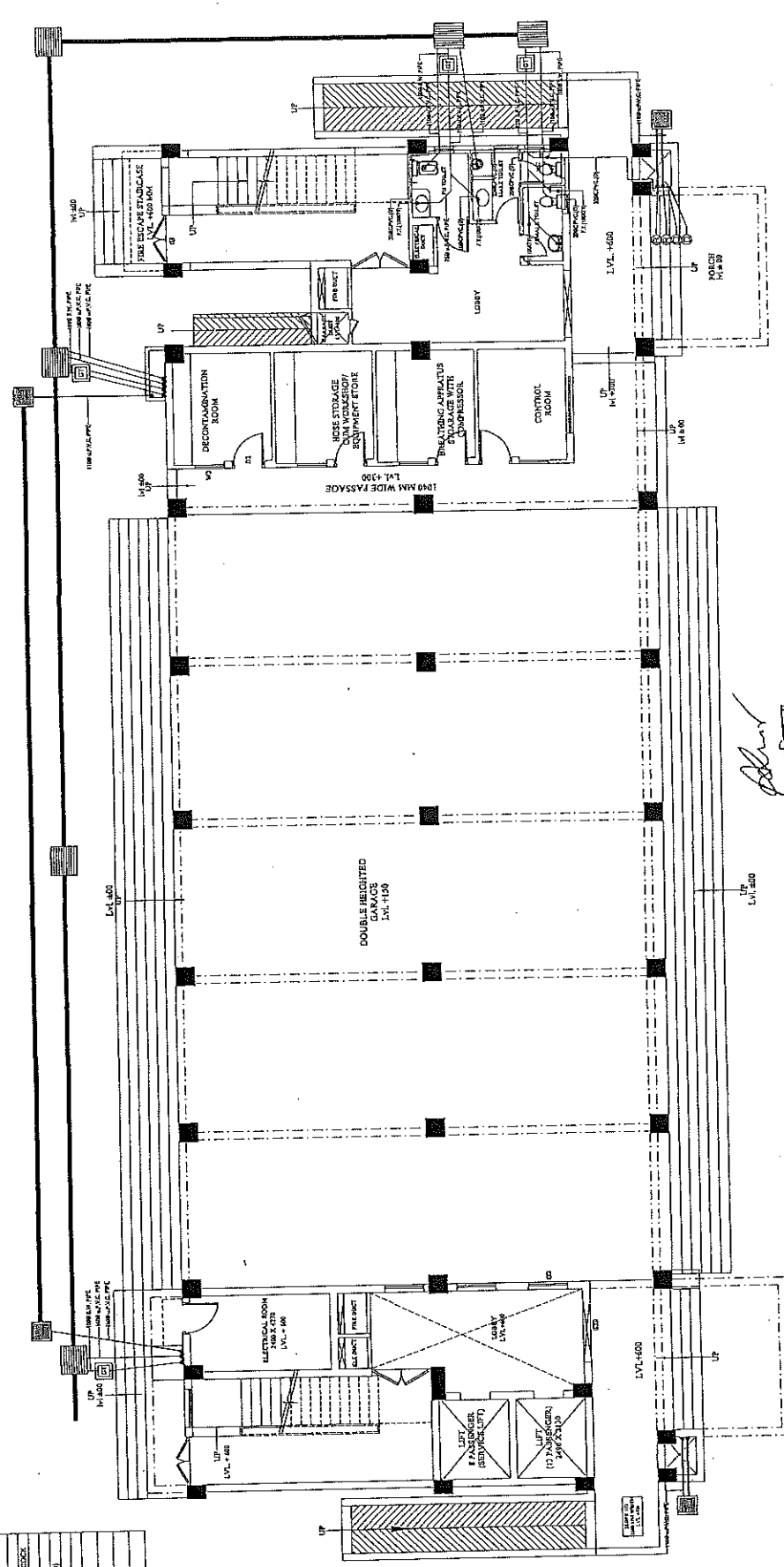
(Gas pressure)
complete with bracket, Bolts and initial
change as per IS 940...

अवर अभियन्ता
अवर अभियन्ता
अवर अभियन्ता

13	<input checked="" type="checkbox"/> FHC	FIRE HOSE CABINET	30	गुंजिस आकरा	30	गुंजिस आकरा	30	गुंजिस आकरा
PROJECT:-			BUILDING:-			DRAWING TITLE:-		
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)			TERRACE FLOOR PLAN (FIRE FIGHTING SERVICES)		
AGENCY:-			CLIENT:-			HOME DEPARTMENT		
G.M.:-			P.M.:-			S.E.E.:-		
Drg. No. 11/13			Scale			Date		
11/13			FS-1/4U/PZ/5/59-13			11/13		
ARCHITECTURAL CONSULTANTS:-			SWASTIKA			ASST		
ARCHITECTS & INTERIOR DESIGNERS			SS-4 AG-115 SECTOR-2 KURBANAT GOLF CITY			Checked By		
SHARAD PATH LUCKNOW-226029			MOBILE-9794535111			M. PANTI		
swastikarchitect@gmail.com								
Service Consultant			SHRIF & PROTI			ARCHITECTS & INTERIOR DESIGNERS		
			C-11/13 SECTOR-2 KURBANAT GOLF CITY			MOBILE-9794535111		
			swastikarchitect@gmail.com					

132

SYMBOL	DESCRIPTION
1	1/2" IPS PIPE FOR 50L X 50L VENT
2	1/2" IPS PIPE FOR 50L X 50L VENT
3	1/2" IPS PIPE FOR 50L X 50L VENT
4	1/2" IPS PIPE FOR 50L X 50L VENT
5	1/2" IPS PIPE FOR 50L X 50L VENT
6	1/2" IPS PIPE FOR 50L X 50L VENT
7	1/2" IPS PIPE FOR 50L X 50L VENT
8	1/2" IPS PIPE FOR 50L X 50L VENT
9	1/2" IPS PIPE FOR 50L X 50L VENT
10	1/2" IPS PIPE FOR 50L X 50L VENT
11	1/2" IPS PIPE FOR 50L X 50L VENT
12	1/2" IPS PIPE FOR 50L X 50L VENT
13	1/2" IPS PIPE FOR 50L X 50L VENT
14	1/2" IPS PIPE FOR 50L X 50L VENT
15	1/2" IPS PIPE FOR 50L X 50L VENT
16	1/2" IPS PIPE FOR 50L X 50L VENT
17	1/2" IPS PIPE FOR 50L X 50L VENT
18	1/2" IPS PIPE FOR 50L X 50L VENT
19	1/2" IPS PIPE FOR 50L X 50L VENT
20	1/2" IPS PIPE FOR 50L X 50L VENT
21	1/2" IPS PIPE FOR 50L X 50L VENT
22	1/2" IPS PIPE FOR 50L X 50L VENT
23	1/2" IPS PIPE FOR 50L X 50L VENT
24	1/2" IPS PIPE FOR 50L X 50L VENT
25	1/2" IPS PIPE FOR 50L X 50L VENT
26	1/2" IPS PIPE FOR 50L X 50L VENT
27	1/2" IPS PIPE FOR 50L X 50L VENT
28	1/2" IPS PIPE FOR 50L X 50L VENT
29	1/2" IPS PIPE FOR 50L X 50L VENT
30	1/2" IPS PIPE FOR 50L X 50L VENT
31	1/2" IPS PIPE FOR 50L X 50L VENT
32	1/2" IPS PIPE FOR 50L X 50L VENT
33	1/2" IPS PIPE FOR 50L X 50L VENT
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43	1/2" IPS PIPE FOR 50L X 50L VENT
44	1/2" IPS PIPE FOR 50L X 50L VENT
45	1/2" IPS PIPE FOR 50L X 50L VENT
46	1/2" IPS PIPE FOR 50L X 50L VENT
47	1/2" IPS PIPE FOR 50L X 50L VENT
48	1/2" IPS PIPE FOR 50L X 50L VENT
49	1/2" IPS PIPE FOR 50L X 50L VENT
50	1/2" IPS PIPE FOR 50L X 50L VENT
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54	1/2" IPS PIPE FOR 50L X 50L VENT
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60	1/2" IPS PIPE FOR 50L X 50L VENT
61	1/2" IPS PIPE FOR 50L X 50L VENT
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63	1/2" IPS PIPE FOR 50L X 50L VENT
64	1/2" IPS PIPE FOR 50L X 50L VENT
65	1/2" IPS PIPE FOR 50L X 50L VENT
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74	1/2" IPS PIPE FOR 50L X 50L VENT
75	1/2" IPS PIPE FOR 50L X 50L VENT
76	1/2" IPS PIPE FOR 50L X 50L VENT
77	1/2" IPS PIPE FOR 50L X 50L VENT
78	1/2" IPS PIPE FOR 50L X 50L VENT
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80	1/2" IPS PIPE FOR 50L X 50L VENT
81	1/2" IPS PIPE FOR 50L X 50L VENT
82	1/2" IPS PIPE FOR 50L X 50L VENT
83	1/2" IPS PIPE FOR 50L X 50L VENT
84	1/2" IPS PIPE FOR 50L X 50L VENT
85	1/2" IPS PIPE FOR 50L X 50L VENT
86	1/2" IPS PIPE FOR 50L X 50L VENT
87	1/2" IPS PIPE FOR 50L X 50L VENT
88	1/2" IPS PIPE FOR 50L X 50L VENT
89	1/2" IPS PIPE FOR 50L X 50L VENT
90	1/2" IPS PIPE FOR 50L X 50L VENT
91	1/2" IPS PIPE FOR 50L X 50L VENT
92	1/2" IPS PIPE FOR 50L X 50L VENT
93	1/2" IPS PIPE FOR 50L X 50L VENT
94	1/2" IPS PIPE FOR 50L X 50L VENT
95	1/2" IPS PIPE FOR 50L X 50L VENT
96	1/2" IPS PIPE FOR 50L X 50L VENT
97	1/2" IPS PIPE FOR 50L X 50L VENT
98	1/2" IPS PIPE FOR 50L X 50L VENT
99	1/2" IPS PIPE FOR 50L X 50L VENT
100	1/2" IPS PIPE FOR 50L X 50L VENT

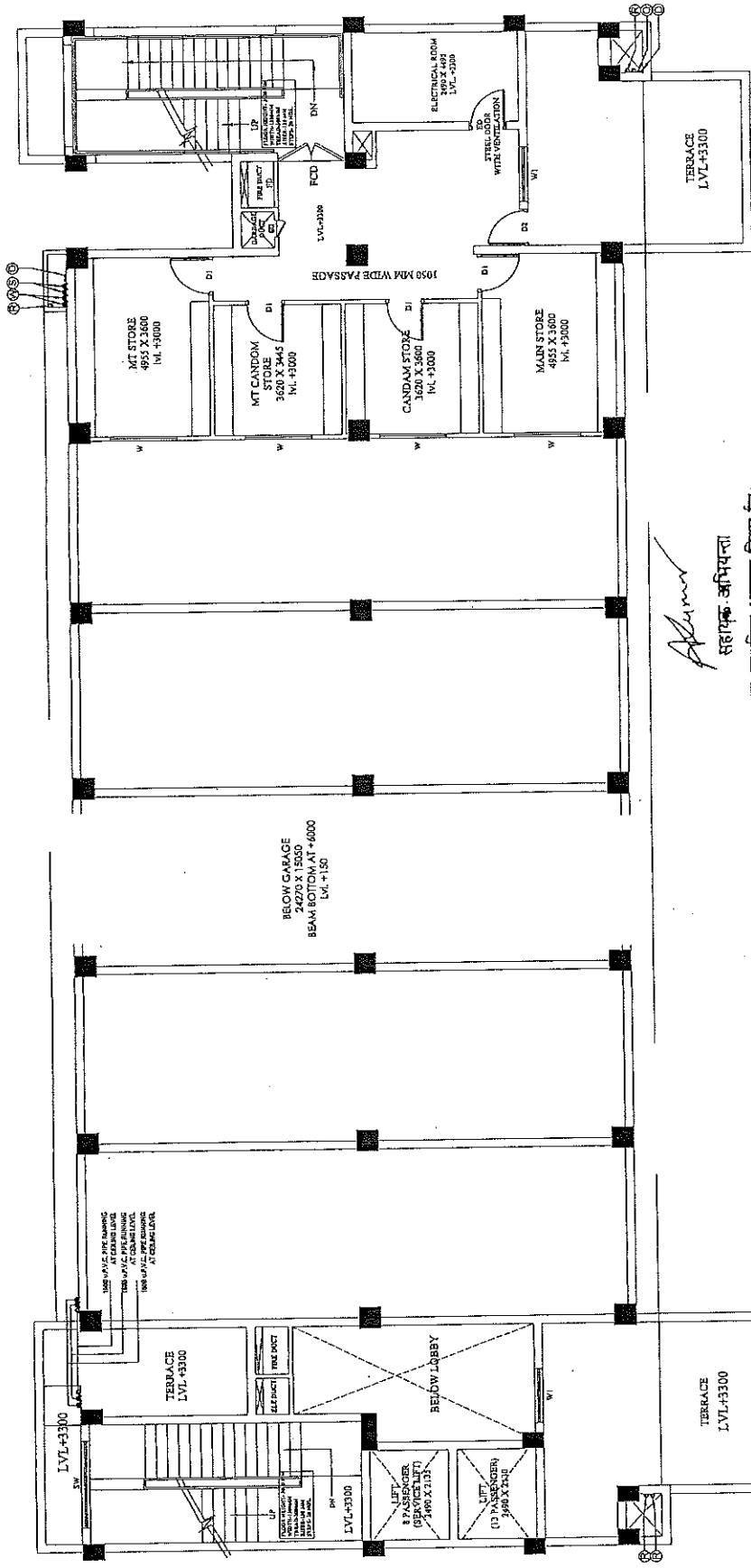



सहायक अभियन्ता
उ० प्र० पुलिस आवस निगम लि०
नयाँ दिल्ली इकाई

अभियन्ता
उ० प्र० पुलिस आवस निगम लि०
नयाँ दिल्ली इकाई

PRAPNULATULAK GUFM
(B.Arch, M.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.	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- GROUND FLOOR PLAN (PLUMBING SERVICES)	Drawn by FS-3/4/PS/SP-14 Scale A1:100 Date 28/12/2018	Checked By M. PANTI	ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGM-10 SECTOR 10 GAZIABAD SHAHIBAD MOBILE: 9794353111 swastikaarchitect@gmail.com	SUPH & PANT CORPORATE OFFICE C-10, SECTOR 10, GAZIABAD MOBILE: 9794353111 swastikaarchitect@gmail.com
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सहायक अभियन्ता
राजपुलिस आक्स निगम लि.
निर्माण इकाई.

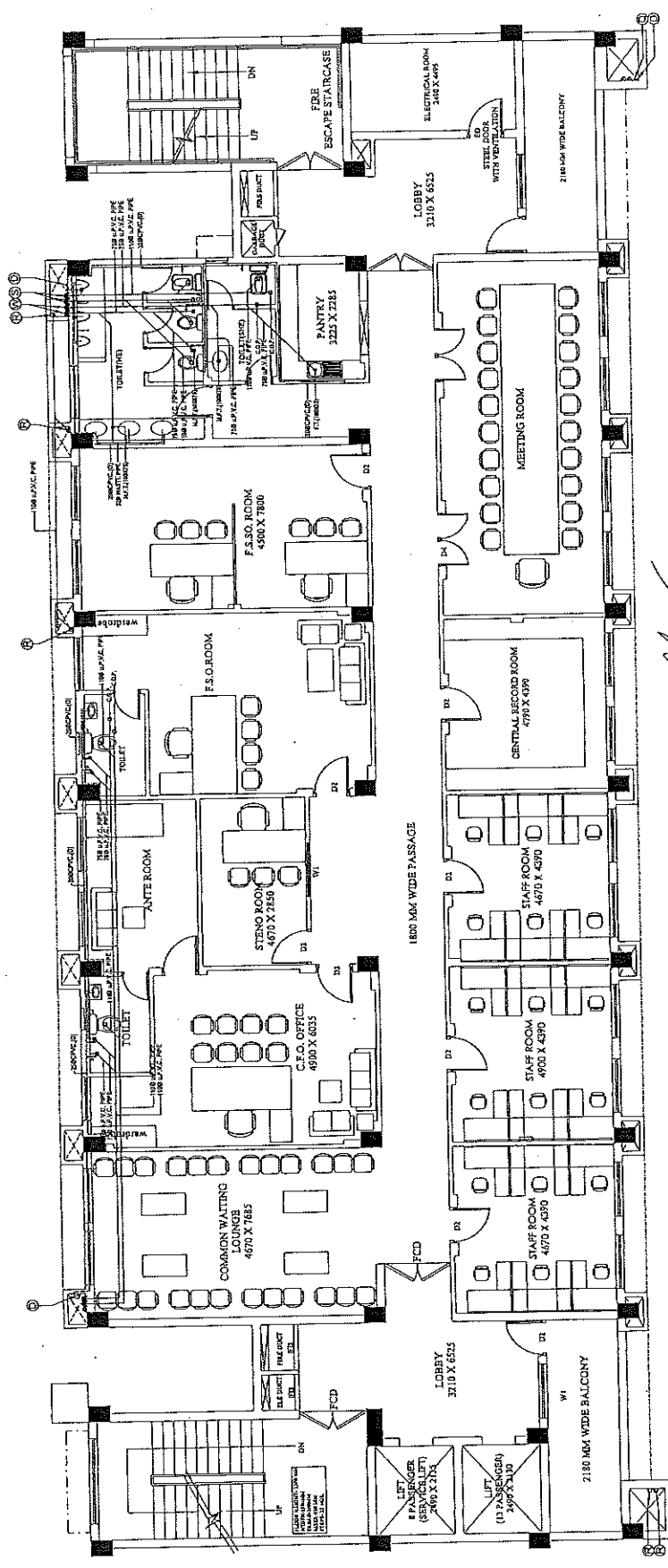
PIRE LEGEND	DESCRIPTION
A/S	100 GPM PVC PIPE FOR SOL AND VENT
B/S	100 GPM PVC PIPE FOR WASTE AND VENT
C/S	100 GPM RAIN WATER PIPE
D/S	PVC PIPE FOR DOMESTIC DOWNTAKE
E/S	PVC PIPE FOR DOMESTIC DOWNTAKES
F/S	SUPPLIER FOR DOMESTIC TANK FILLING
G/S	6 INCHES FOR PLUMBING TANK FILLING
H/S	MOTORIZED BUT TERFLY VALVES
I/S	HOT WATER SUPPLY (HOTPIPE)
J/S	DOMESTIC WATER SUPPLY PIPE
K/S	PLUMBING TANK WATER PIPE
L/S	280X500 P.V.C. WASTE PIPE

WATER	SOI WATER PIPE	3"	X
WASTE	WASTE WATER PIPE	4"	X
RAIN	RAIN WATER PIPE	4"	X
HEALTH	HEALTH FAUCET WITH 2WAY BIB COCK	1/2"	X
FLOOR	FLOOR DRAIN (10" DIA GRATING)	*F.D.	X
FLOOR	FLOOR TRAP (10x75)	*F.T.	X
FLOOR	MULTI FLOOR TRAP (10x25S28H40)	B C.O.P.	X
STONEWARE	STONEWARE PIPE (S.W. PIPE)	450X148 KHURRA	X
GULLY	300X300 GULLY TRAP	300X300 GULLY TRAP	X
NAN HOLE	900X900 NAN HOLE	900X900 NAN HOLE	X
MAN HOLE	900X300 MAN HOLE	900X300 MAN HOLE	X

पुर्व. भाग ईकाई-राखनक
म. भाग निम लि०

PRAPHULA KUMAR GUPTA
(B. Arch, M. Plan)
CA/2008/47652

PROJECT:-	AGENCY:-	BUILDING:-	DRAWING TITLE:-	G.M. :-	Drawn by	ARCHITECTURAL CONSULTANTS :-	SPECIAL COMMENTS:
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.M. :- S.E.E. :- Date: _____	FS-1/2W/P/S/B-15 Scale A1-100 Checked By Date: _____	SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-116 SECTOR-25 MUSAUN GOLF CITY, SHAHEED PATH LUCKNOW-226079. MOBILE-9793435311 swastikaarchitect@gmail.com ,	 SHRAB & PRIYI <small>DIFFICULTIES ARE OUR OPPORTUNITIES</small> <small>WE SOLVE THEM FOR YOU</small> <small>Architectural Services (Residential)</small> <small>Interior Designing (Commercial)</small> <small>3D Rendering (All Types)</small> <small>Site Plan, Section, Elevation, etc.</small> <small>1/A, 102, DDA Market, 1st Floor, Kirti Nagar, New Delhi - 110015</small> <small>Each hour from Monday to Saturday, 9 AM to 6 PM. Email: swastikaarchitect@gmail.com</small>
	CLIENT:-					M. PANT	
	HOME DEPARTMENT						



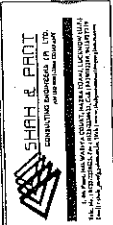
30.5.2 पुलिस अवार्ड निगम लि०
 उद्देश्य अभियन्ता
 सहायक अभियन्ता
 उद्देश्य पुलिस अवार्ड निगम लि०
 सिमराग इकाई

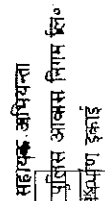
SYMBOL	DESCRIPTION
1	1100 UPVC PIPE FOR SOIL AND VENT
2	1100 UPVC PIPE FOR WASTE AND VENT
3	1100 UPVC PIPE FOR RAIN WATER PIPE
4	UPVC PIPE FOR DOMESTIC DRAINAGE
5	UPVC PIPE FOR DOMESTIC DRAINAGE
6	UPVC PIPE FOR DOMESTIC DRAINAGE
7	UPVC PIPE FOR DOMESTIC DRAINAGE
8	UPVC PIPE FOR DOMESTIC DRAINAGE
9	UPVC PIPE FOR DOMESTIC DRAINAGE
10	UPVC PIPE FOR DOMESTIC DRAINAGE
11	UPVC PIPE FOR DOMESTIC DRAINAGE
12	UPVC PIPE FOR DOMESTIC DRAINAGE
13	UPVC PIPE FOR DOMESTIC DRAINAGE
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28	UPVC PIPE FOR DOMESTIC DRAINAGE
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37	UPVC PIPE FOR DOMESTIC DRAINAGE
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95	UPVC PIPE FOR DOMESTIC DRAINAGE
96	UPVC PIPE FOR DOMESTIC DRAINAGE
97	UPVC PIPE FOR DOMESTIC DRAINAGE
98	UPVC PIPE FOR DOMESTIC DRAINAGE
99	UPVC PIPE FOR DOMESTIC DRAINAGE
100	UPVC PIPE FOR DOMESTIC DRAINAGE














SYMBOL	DESCRIPTION
1	SOIL WATER PIPE
2	WASTE WATER PIPE
3	RAIN WATER PIPE
4	HEALTH FACET WITH 2 INCH BR. CO.
5	FLOOR DRAIN (100MM DIA.)
6	W.C. (100MM DIA.)
7	W.C. (100MM DIA.)
8	W.C. (100MM DIA.)
9	W.C. (100MM DIA.)
10	W.C. (100MM DIA.)
11	W.C. (100MM DIA.)
12	W.C. (100MM DIA.)
13	W.C. (100MM DIA.)
14	W.C. (100MM DIA.)
15	W.C. (100MM DIA.)
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68	W.C. (100MM DIA.)
69	W.C. (100MM DIA.)
70	W.C. (100MM DIA.)
71	W.C. (100MM DIA.)
72	W.C. (100MM DIA.)
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83	W.C. (100MM DIA.)
84	W.C. (100MM DIA.)
85	W.C. (100MM DIA.)
86	W.C. (100MM DIA.)
87	W.C. (100MM DIA.)
88	W.C. (100MM DIA.)
89	W.C. (100MM DIA.)
90	W.C. (100MM DIA.)
91	W.C. (100MM DIA.)
92	W.C. (100MM DIA.)
93	W.C. (100MM DIA.)
94	W.C. (100MM DIA.)
95	W.C. (100MM DIA.)
96	W.C. (100MM DIA.)
97	W.C. (100MM DIA.)
98	W.C. (100MM DIA.)
99	W.C. (100MM DIA.)
100	W.C. (100MM DIA.)

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: SECOND FLOOR PLAN (PLUMBING SERVICES)		G.M.: P.M.	
ARCHITECTURAL CONSULTANTS: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-7 ACP-116 SECTOR-D SUBHANT GOLF CITY SHARAD PATH LUCKNOW-226009 MOBILE 9791451511 swastikaarchitect@gmail.com		Drawn by: ASH		Checked by: M. PANT	
Scale: 1/8" = 1'-0"		Date: 3/2/2026		Sheet No.: 1/16	

PRAPHULLANAR GUPTA
 (B.Arch, M.Plant)
 CA/208/43652






	SOIL WATER PIPE					
	WASTE WATER PIPE					
	RAIN WATER PIPE					
	HEALTH DRAIN WITH 2-WAY BIG CORNER					
	FLOOR TRAP (Ø110MM GRATING)					
	FLOOR TRAP (110X75)					
	MULTI FLOOR TRAP (110XDS0440)					
	CLEAN OUT PLUG					
	STONWARE PIPE (S.W. PIPE)					
	400X400 KURPA					
	300X340 GULLY TRAP					
	800X850 MAN HOLE					
	800X800 MAN HOLE					

3080. पुलिस आवास निर्माणाधीन
अनिरक्षित भूखण्ड

PRANHUL KUMAR GUPTA
(B Arch, M. Plan)
CAN2008/43652



SHAH & PANT
CONSULTING ENGINEERS (P) LTD.
AN ISO 9001:2004 CERTIFIED

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
10 SECTOR -D SUSHANT GOLF CITY
NEED PATH LUCKNOW-226029,
MOBILE-9793451311
swastikaarchitect@gmail.com,

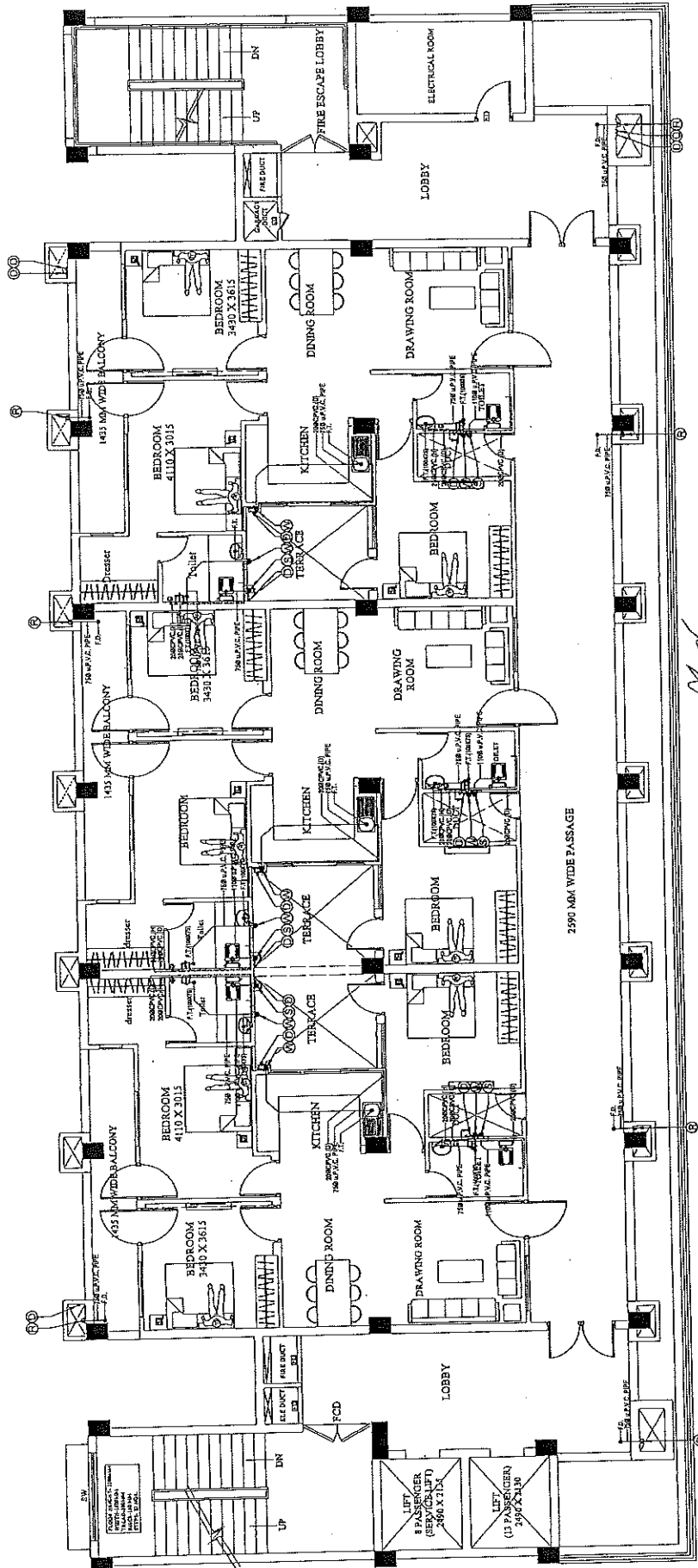
FS-3/4U/P5/56P-17	ASIF
Scale	Checked By
Date	A1-100
4/2026	M. PANT

THIRD FLOOR PLAN
(PLUMBING SERVICES)

FIRE STATION (3/4 UNITS)

U.P. POLICE AWAS NIGAM LTD.

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

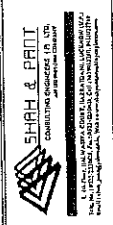


सहायक अभियंता
उ० प्र० पुलिस आवास निगम लि०
नयाग इकाई

उ० प्र० पुलिस आवास निगम लि०
नयाग इकाई-संलग्नक

SYMBOL	DESCRIPTION
A (1)	100 JWC PIPE FOR SOIL AND VENT
A (2)	100 JWC PIPE FOR WASTE AND VENT
A (3)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (4)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (5)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (6)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (7)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (8)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (9)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (10)	100 JWC PIPE FOR DOMESTIC DRAINAGE
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A (14)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (15)	100 JWC PIPE FOR DOMESTIC DRAINAGE
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A (20)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (21)	100 JWC PIPE FOR DOMESTIC DRAINAGE
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A (23)	100 JWC PIPE FOR DOMESTIC DRAINAGE
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A (25)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (26)	100 JWC PIPE FOR DOMESTIC DRAINAGE
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A (96)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (97)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (98)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (99)	100 JWC PIPE FOR DOMESTIC DRAINAGE
A (100)	100 JWC PIPE FOR DOMESTIC DRAINAGE

PRAPEN LAKSHMI GUPTA
(B.A.N. M. Plan)
CA/2003/43652



SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-7 APT-110 SECTOR-13 ROHINI, NEW DELHI-110029
SHAR & PART
MOBILE: 99943311
swastikaarchitects@gmail.com

ARCHITECTURAL CONSULTANTS -
Drawn by
Checked by
Date

Drg. No.
Scale
Date

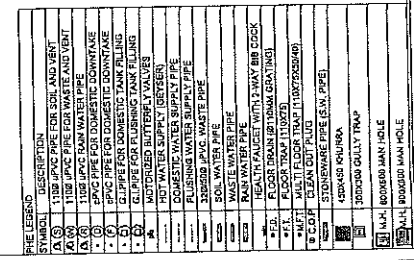
G.M. :-
P.M. :-
S.E. :-
Date

DRAWING TITLE:
FOURTH FLOOR PLAN
(PLUMBING SERVICES)

BUILDING:-
FIRE STATION (3/4 UNITS)

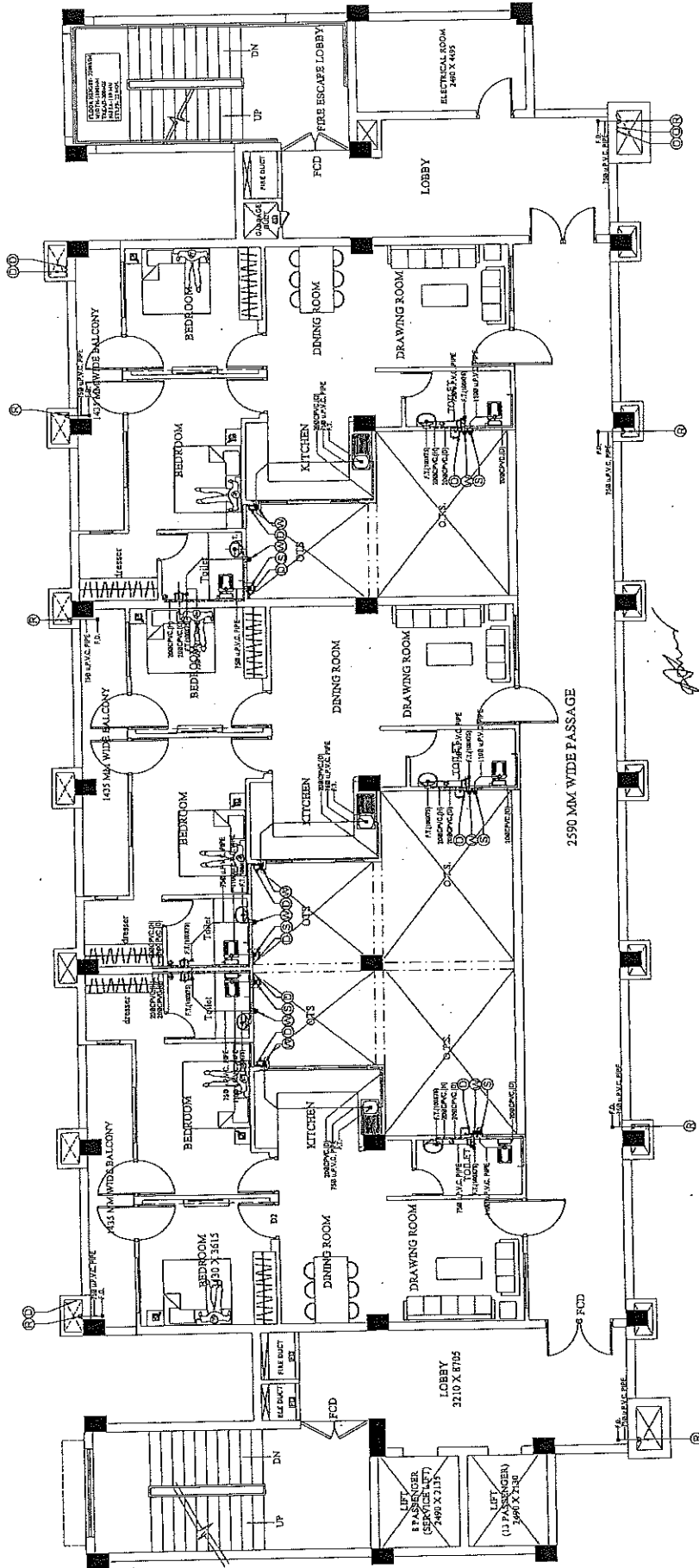
AGENCY:-
U.P. POLICE AWAS NIGAM LTD.
PROJECT:-
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DIFFERENT PLACES IN U.P.

HOME DEPARTMENT



अवर अभियन्ता
३० प्र० पुलिस आवास निगम लि०
नर्मण इकाई-राखनक

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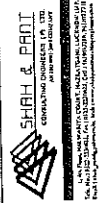


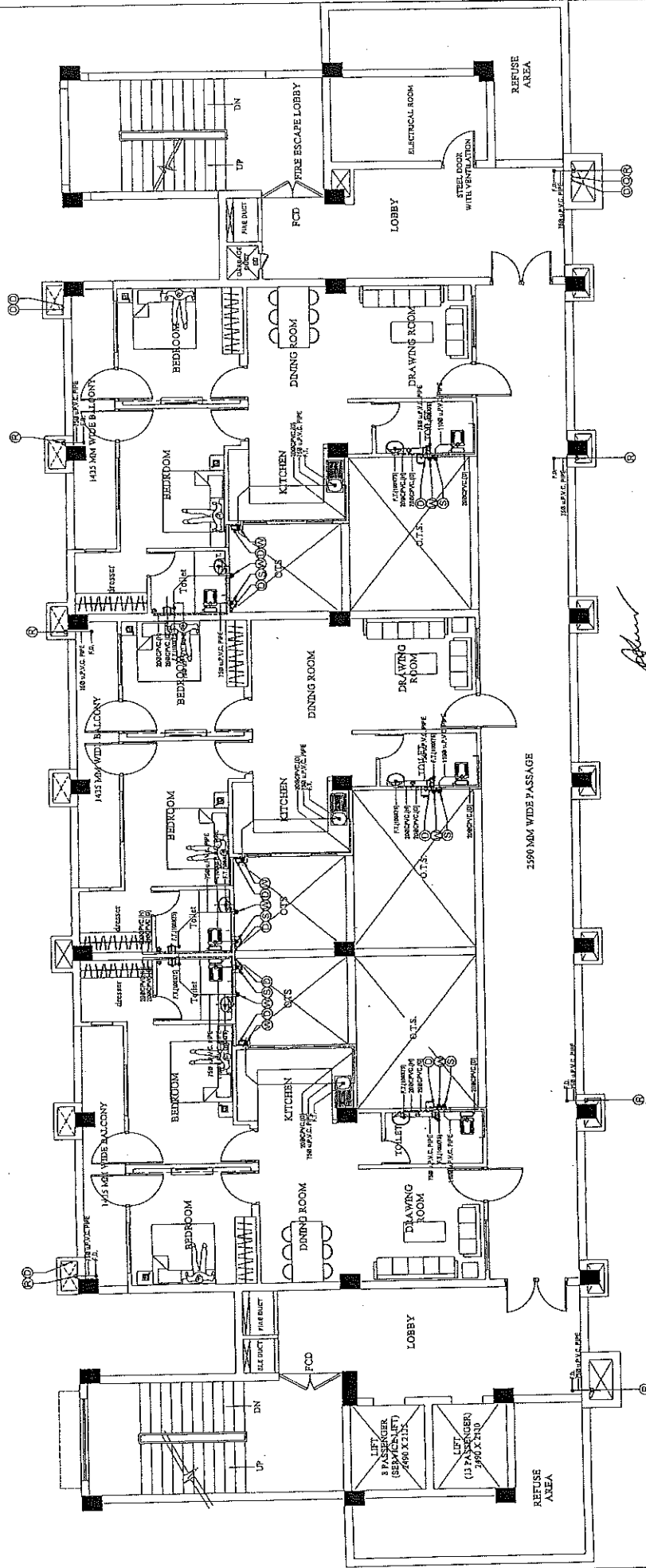
SYMBOL	DESCRIPTION
1	1000 JWC PIPE FOR SOIL AND VENT
2	1000 JWC PIPE FOR WASTE AND VENT
3	1000 JWC PIPE FOR WASTE AND VENT
4	1000 JWC PIPE FOR WASTE AND VENT
5	1000 JWC PIPE FOR WASTE AND VENT
6	1000 JWC PIPE FOR WASTE AND VENT
7	1000 JWC PIPE FOR WASTE AND VENT
8	1000 JWC PIPE FOR WASTE AND VENT
9	1000 JWC PIPE FOR WASTE AND VENT
10	1000 JWC PIPE FOR WASTE AND VENT
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14	1000 JWC PIPE FOR WASTE AND VENT
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17	1000 JWC PIPE FOR WASTE AND VENT
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98	1000 JWC PIPE FOR WASTE AND VENT
99	1000 JWC PIPE FOR WASTE AND VENT
100	1000 JWC PIPE FOR WASTE AND VENT

उत्तर अभियन्ता
उत्तर आवास निगम लि०
3010 पुलिस आवास निगम लि०
निर्माण इकाई संकाई

PRATHULA KUNAR GUPTA
(B.Arch, M. Plan)
CR 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	
BUILDING: FIRE STATION (3/4 UNIT)		DRAWING TITLE: SEVENTH FLOOR PLAN (PLUMBING SERVICES)		G.M.: P.M.: S.E.E.:	
ARCHITECTURAL CONSULTANTS: SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGR-110 SECTOR-D SUSHANT GOLF CITY SHAHEED PATHI LUCKNOW-226029 MOBILE 9793453111 swastikaarchitect@gmail.com		Drawn by: FS-2/AN/PS/SP-21 Scale: A-100 Date: 1-1-2008		Checked By: M. PANTI	





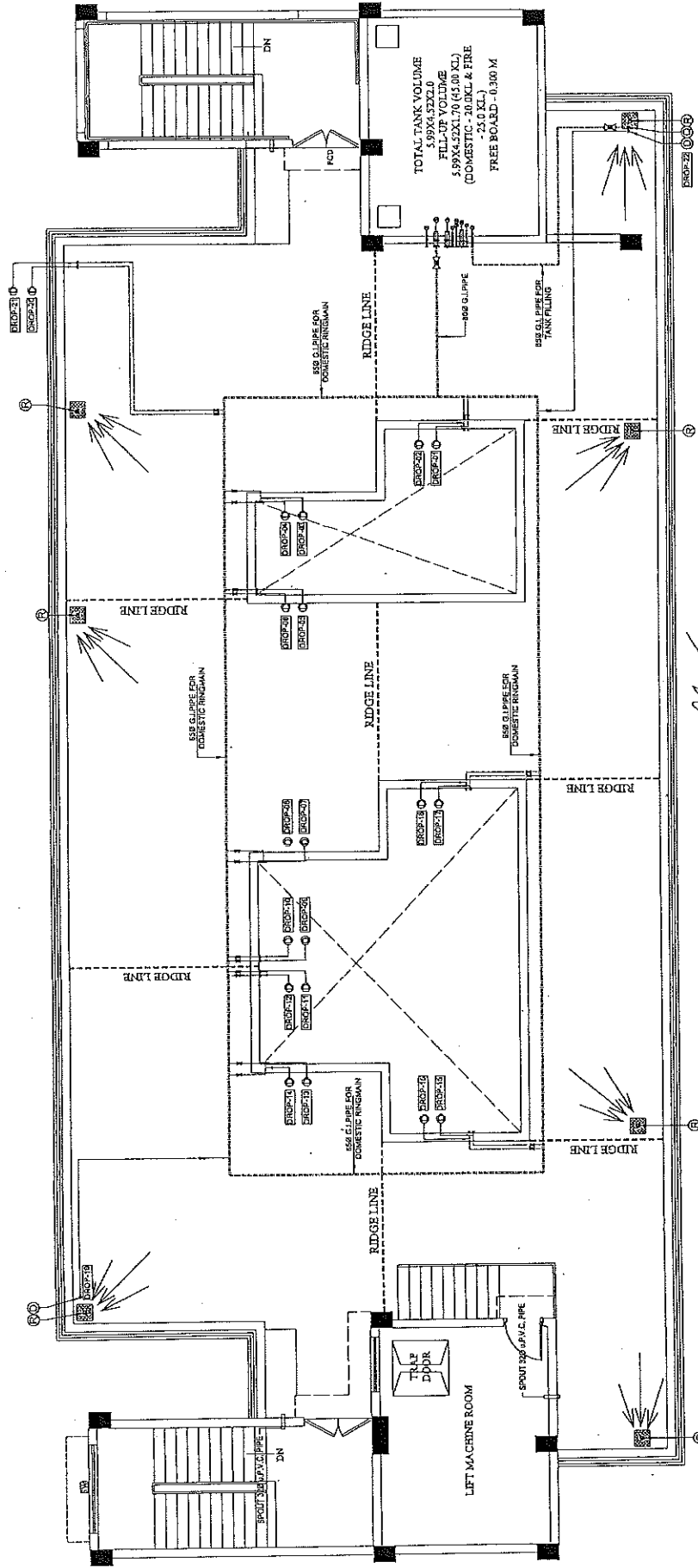
सहायक अभियंता
उ० प्र० पुलिस आवाम निगम लि०
निर्माण इकाई

उ० प्र० पुलिस आवाम निगम लि०
निर्माण इकाई

SYMBOL	DESCRIPTION
(A) (1)	1100 J.P.C. PIPE FOR SOIL AND WASTE
(A) (2)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (3)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (4)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (5)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
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(A) (13)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
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(A) (71)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (72)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
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(A) (74)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
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(A) (79)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (80)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
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(A) (96)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (97)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (98)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (99)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE
(A) (100)	1100 J.P.C. PIPE FOR DOMESTIC DOWNTAKE

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

PROJECT:-	AGENCY:-	BUILDING:-	DRAWING TITLE:-	C.M.:-	Drawn By	Scale	Created By	Date
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)	EIGHTH FLOOR PLAN (PLUMBING SERVICES)	P.M.:-	SS-2/10/PS/5/P-22	A1:100	M. PANI	2028
CLIENT:-			HOME DEPARTMENT			SWASTIKA		
			ARCHITECTURAL CONSULTANTS:-			SHAH & PART		
						ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-10, URBAN GOLF CITY SHAHED PURI, DELHI-110028, INDIA Phone: 91-11-26124629, 91-11-26124630 Email: shahandpart@gmail.com		



THE LEGEND

SYMBOL	DESCRIPTION
(A) (1)	110mm UPVC PIPE FOR SOIL AND WENT
(A) (2)	110mm UPVC PIPE FOR WASTE AND VENT
(A) (3)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (4)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (5)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (6)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (7)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
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(A) (82)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (83)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
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(A) (89)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (90)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (91)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (92)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (93)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (94)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (95)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (96)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (97)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (98)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (99)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE
(A) (100)	110mm UPVC PIPE FOR DOMESTIC DOWN TAKE

उत्तर अभियंता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई ६

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

PRAPHULA KOTAR GUPTA
(B. Arch. M. Plan)
CA/2008/43652

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-7 AGF-110 SECTOR-35 RESHANT GOLF CITY
SHARAD PATE (LICKNOW-22609)
MOBILE 979343511
swastikaarchitects@gmail.com

Drawn by
FS-2/ALPS/SP-24
Scale
Checked By
Al-100
Date
14/1/2028

G.M. :-
P.M. :-
S.R.E. :-

DRAWING TITLE:-
TERRACE FLOOR PLAN
(PLUMBING SERVICES)

BUILDING:-
FIRE STATION (3/4 UNITS)

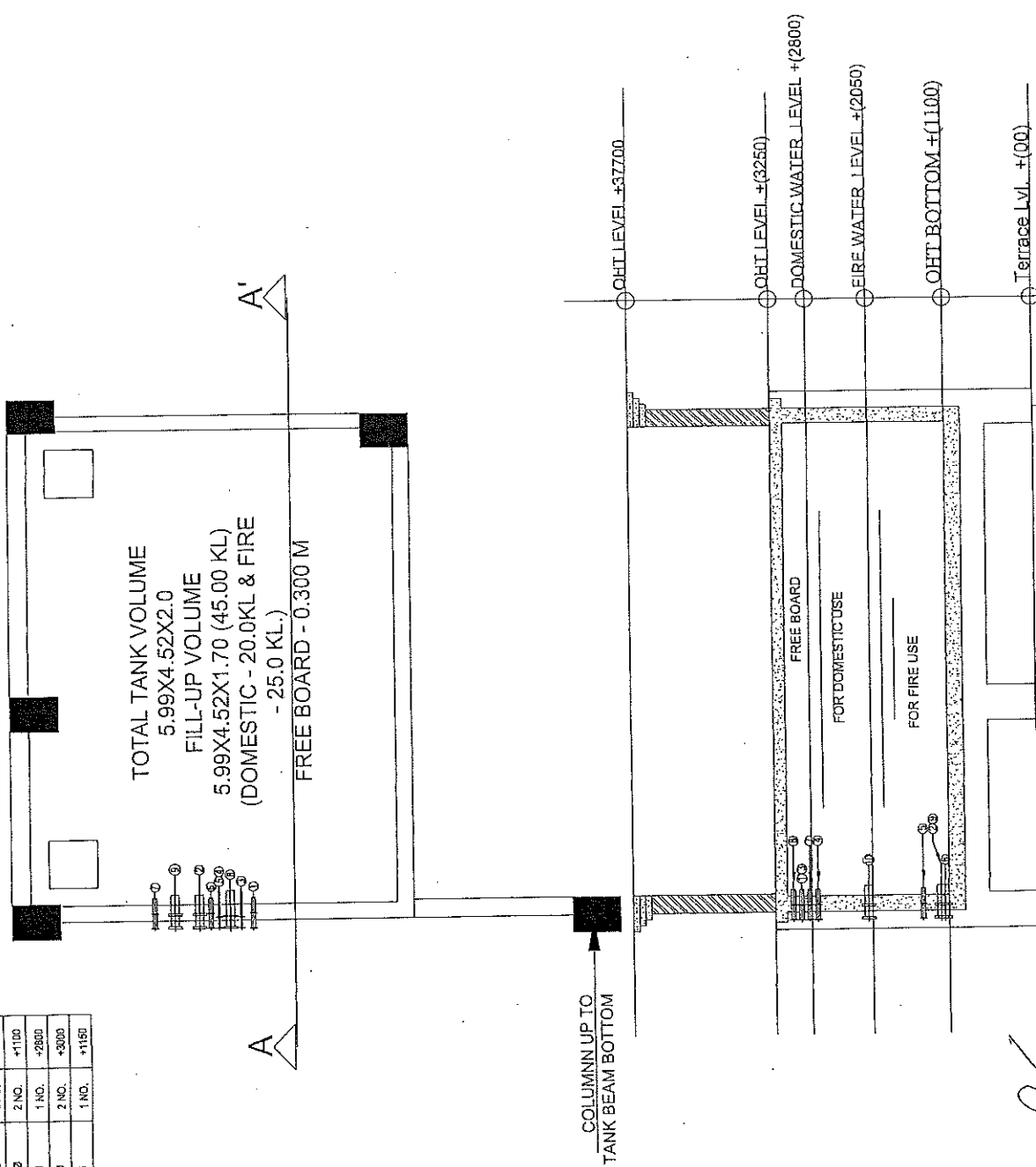
AGENCY:-
U.P. POLICE AWAS NIGAM LTD.
CLIENT:-
HOME DEPARTMENT

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

148

314

NO.	DESCRIPTION	SLEEVE SIZE	QTY.	LVL.
1.	INLET PIPE FROM U.G.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 (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	
CLIENT :- HOME DEPARTMENT	
BUILDING :-	
DRG. TITLE :- O.H.T. PIPE DETAIL	
NOTES: 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN PERMISSION IS TO BE OBTAINED FROM THE ARCHITECT BEFORE ANY REVISION OR MODIFICATION IS MADE TO THE DRAWING. 3. INTERIOR DESIGNER'S DRAWING IS NOT TO BE REPRODUCED OR COPIED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. 4. ANY DIMENSION IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE LATE DELIVERY OF THE DRAWING. 6. ALL THE DIMENSIONS ARE TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 7. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE LATE DELIVERY OF THE DRAWING. 8. OTHER ANY REVISIONS OR MODIFICATIONS WILL BE FOR THE ARCHITECT'S CONSULTANT. 9. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE LATE DELIVERY OF THE DRAWING. 10. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE LATE DELIVERY OF THE DRAWING. 11. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE LATE DELIVERY OF THE DRAWING. 12. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE LATE DELIVERY OF THE DRAWING.	
MANAGER (ARCH):	G.M.:
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM	
DATE :-	DRG. NO. :- AR-08
SCALE :- NORTH :-	
DEALT BY: PRADHUMAN GUPTA (B.Arch, M. Plan) CAV/10/AR/16553 PRANSHU VERMA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS 88-2 ACP-10 SECTOR - D SUSANT GOLF CITY SHAHEED PATH LUCKNOW-226028 MOBILE-9793433111 swastikaarchitect@gmail.com	

उत्तर प्रदेश पुलिस आवास निगम लि.
निर्माण इकाई-सबकाउ
उत्तर प्रदेश पुलिस आवास निगम लि.
उत्तर प्रदेश पुलिस आवास निगम लि.
उत्तर प्रदेश पुलिस आवास निगम लि.

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

DRG. TITLE :-

PUMP ROOM DETAIL

NOTES :-
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
2. THIS Dwg. IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE MENTIONED HEREIN.
3. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
4. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
5. THIS Dwg. IS ONLY FOR THE CONCEPT PLAN. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
6. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
7. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
8. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
9. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.
10. ANY REVISION IN THE DRAWING IS TO BE INDICATED TO THE ARCHITECT.

P.M. :-

G.M. :-

R.E. :-

S.A.E. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM

DATE :-

DRG. NO. :-

AR-01

SCALE :-

NORTH :-

DEALT BY :-

PRANJIVAN KUMAR GUPTA
(D. Archt. M. Plan)

PRANSHU VERMA
(D. Archt. M. Plan)

ARCHITECTURAL CONSULTANT

SWASTIKA

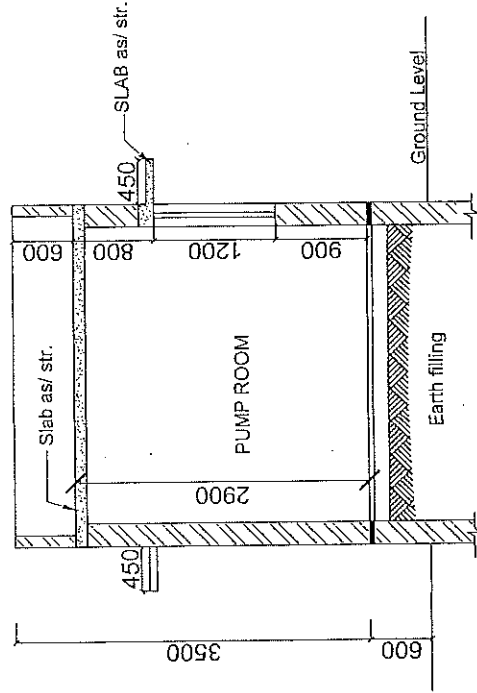
ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY

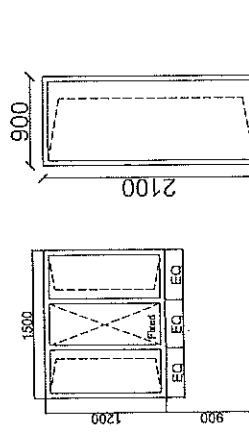
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MOBILE-9794533111

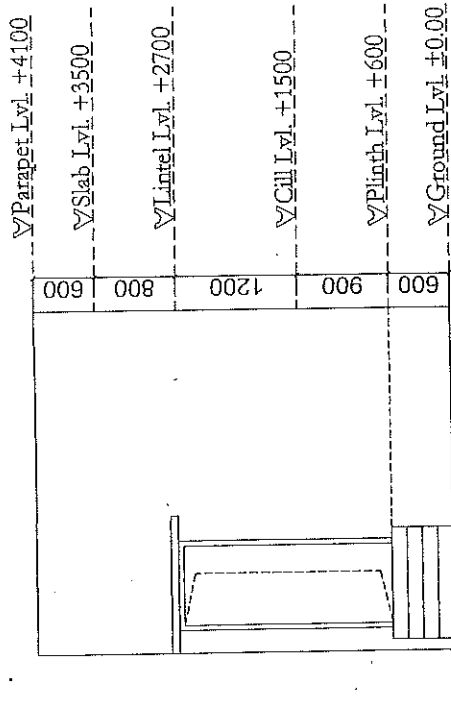
swastikaarchitects@gmail.com



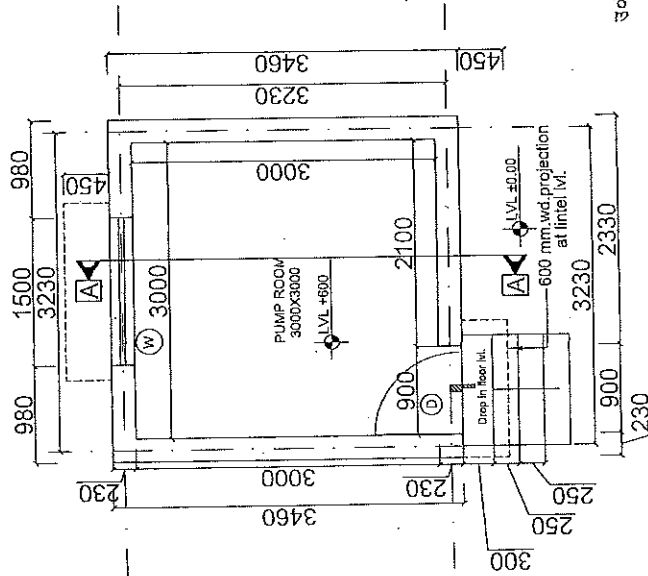
SECTION AT AA'



DOOR WINDOW DETAIL



FRONT ELEVATION



GROUND FLOOR PLAN

AREA-11.97 SQM

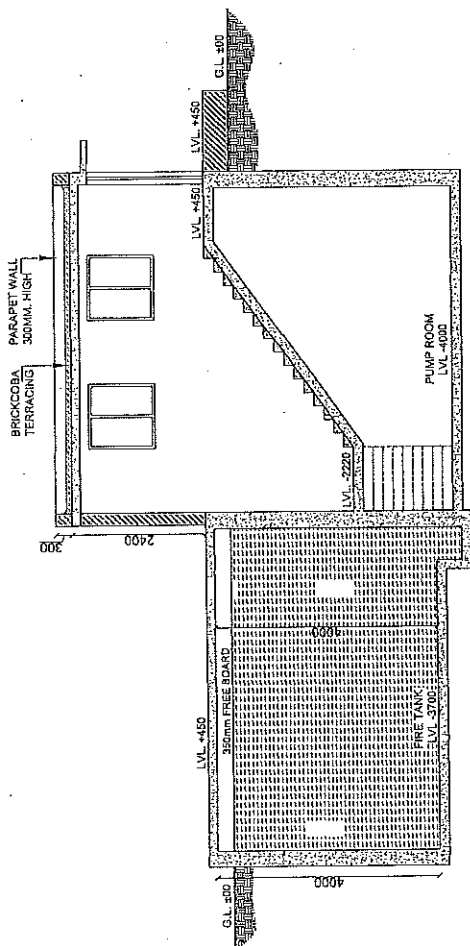
सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम झां
निर्माण कार्य हेतु

अवर अभियन्ता
उ० प्र० पुलिस आवास निगम झां
निर्माण कार्य हेतु

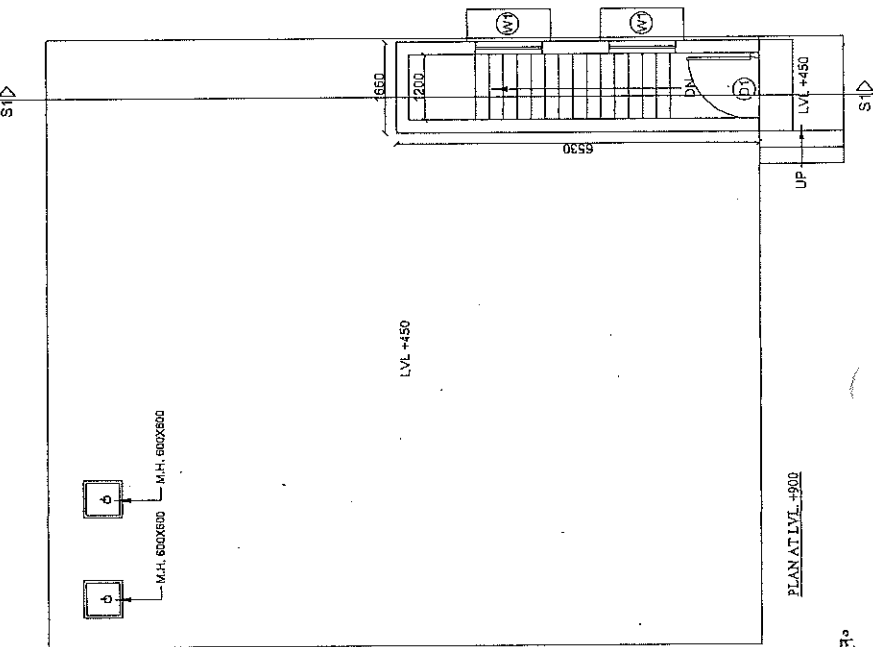
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION 3/4 UNIT AT BAHAIRACH, DIST.- BAHAIRACH (U.P.)		CLIENT :- HOME DEPARTMENT		BUILDING :-		DRG. TITLE :- U.G. TANK(225 KL) DETAIL		NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THE DRG. IS THE PROPERTY OF MR. S. S. SWASTIKA & CO. & IS NOT TO BE REPRODUCED OR COPIED BEFORE THE FINAL PERMISSION OF THE ARCHITECT. 3. ANY CHANGES OR MODIFICATIONS MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION BEFORE EXECUTION. 4. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY DIFFER AT THE SITE. 5. ALL THE DIMENSIONS SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE PROVIDED AS PER REQUIREMENT. 6. OTHER ANY REQUIRED DUCT OTHER SERVICES (WATER, GAS, ETC.) PROVIDED AS PER REQUIREMENT. 7. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FOR A SUBMITTANCE SERVICE DEPARTMENT)	
P.M. :-		G.M. :-		R.E. :-		S.E.E. :-		CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM	
DATE :-		DRG. NO. :-		NORTH :-		SCALE :-		DEALT BY :- PRAFULLA K. GUPTA (BANK, A.P. 100) CH/280/SH/3652 PRANSHU VERMA AR. PRAFULLA GUPTA	
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECT & INTERIOR DESIGNERS SS-7 AGRA-INDIA SHARAD PATEL, ARCHITECT MOBILE: 979435111 swastikaarchitect@gmail.com									

DOOR WINDOW SCHEDULE

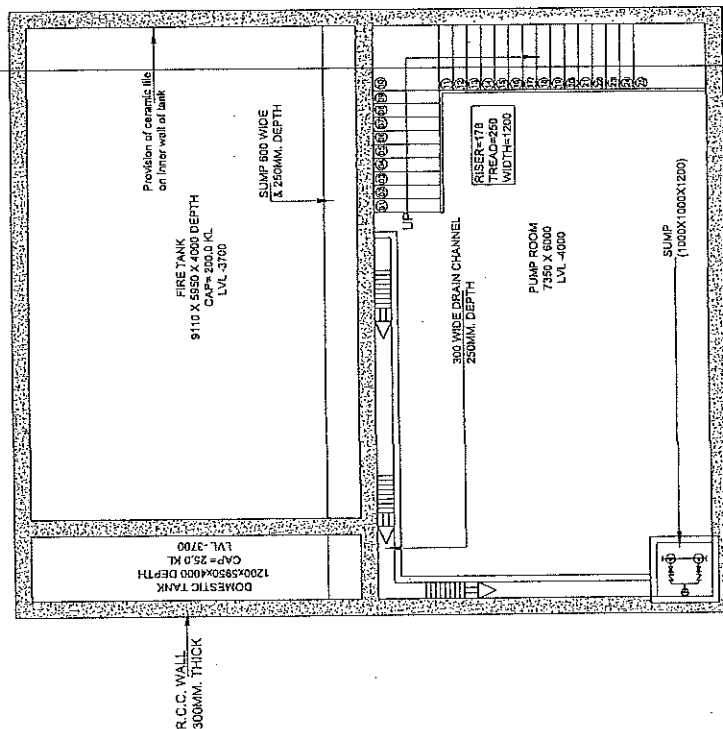
D1, 1200 X 2100, 01 NO.	W1, 1200 X 1200, 02 NO.



SECTION - S1-S1



PLAN AT LVL -450



PLAN AT LVL -2000

सहायक अभियंता
उ० प्र० पुलिस आवास निगम सि०
ज० प्र० पुलिस आवास निगम सि०
महापौर, बहािराच

PLAN AT LVL -2000

PROJECT:-

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

CLIENT:-

HOME DEPARTMENT

BUILDING:-

DRG. TITLE:-

U.G. TANK(225 KL)

NOTES:-
1. ALL DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS ARE TO BE FOLLOWED. DRAWING NOT BE SCALED.
3. THE SLO. IS THE PROPERTY OF M/S 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 BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF DEVELOPMENT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE SAME.
6. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACTUAL CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS ONLY PROVIDING THE CONCEPT PLAN. THE ARCHITECT IS NOT PROVIDING ANY SERVICES OUTSIDE THE SCOPE OF THE PROJECT.
7. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACTUAL CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS ONLY PROVIDING THE CONCEPT PLAN. THE ARCHITECT IS NOT PROVIDING ANY SERVICES OUTSIDE THE SCOPE OF THE PROJECT.
8. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACTUAL CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS ONLY PROVIDING THE CONCEPT PLAN. THE ARCHITECT IS NOT PROVIDING ANY SERVICES OUTSIDE THE SCOPE OF THE PROJECT.
9. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACTUAL CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS ONLY PROVIDING THE CONCEPT PLAN. THE ARCHITECT IS NOT PROVIDING ANY SERVICES OUTSIDE THE SCOPE OF THE PROJECT.
10. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACTUAL CONSTRUCTION OF THE BUILDING. THE ARCHITECT IS ONLY PROVIDING THE CONCEPT PLAN. THE ARCHITECT IS NOT PROVIDING ANY SERVICES OUTSIDE THE SCOPE OF THE PROJECT.

MANAGER(ARCH):-

G.M.:-

CONSTRUCTION AGENCY
U.P. POLICE AWAS NIGAM

DATE:-

DRG. NO.:-

AR-01

SCALE:-

NORTH:-

DEALT BY:-

ARCHITECT:-

PRANSHU VERMA

(SIGNED M. P. N.)

CH/2309/2019 DA GUPTA

ARCHITECTURAL CONSULTANT

SWASTIKA

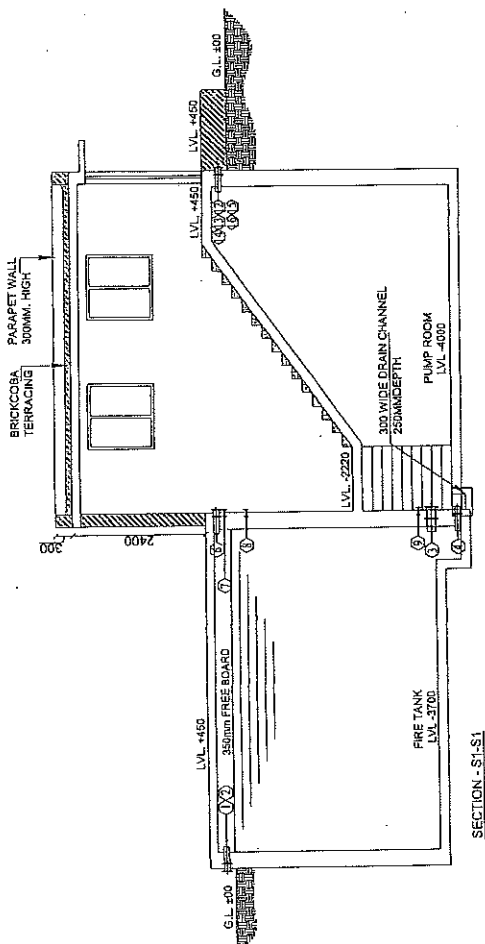
ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-110 SECTOR-JD SUSANT GOUR CITY

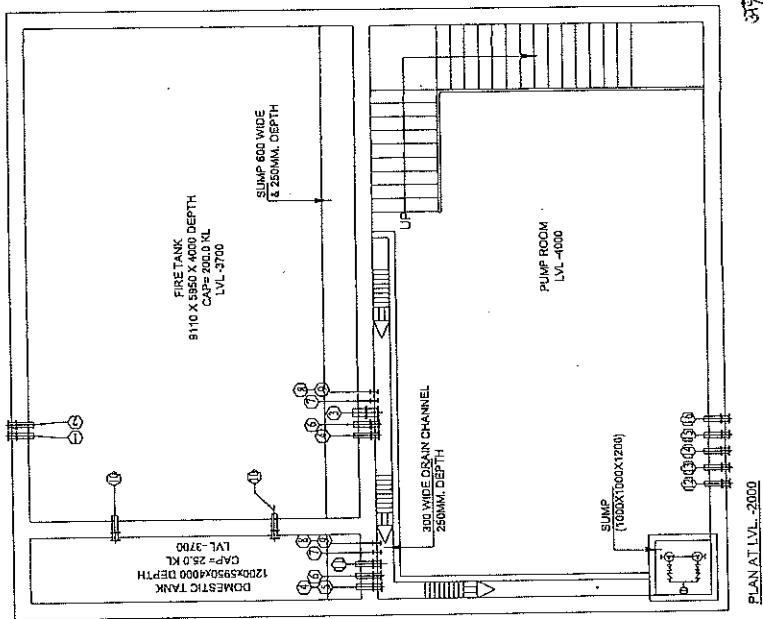
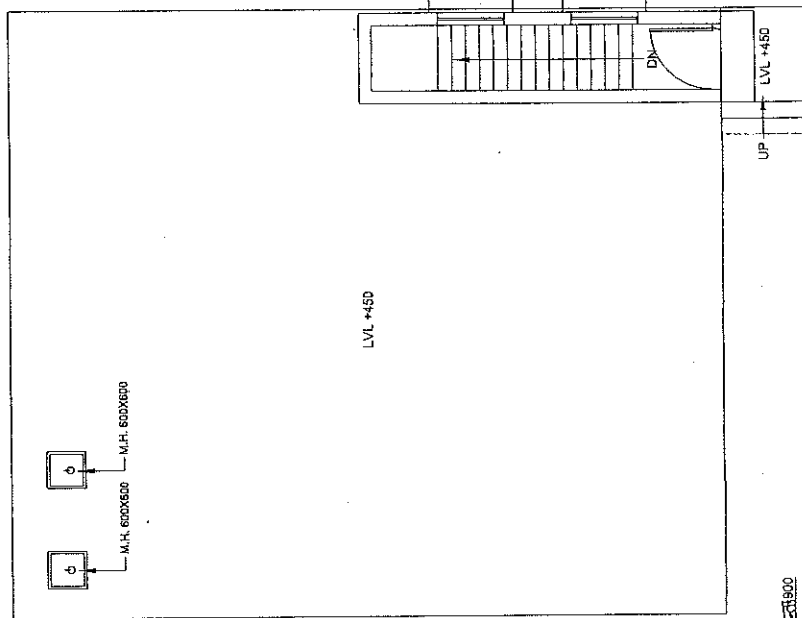
SHAHEDUL KHALEK (MOBILE: 979434311)

swastikaarchitect@gmail.com

S.N.	UNDERGROUND WATER TANK	DA	QTY.	LVL.
1.	PUDDLE FLANGE FOR BORE WELL CONNECTION	800	1 Nos.	+100
2.	PUDDLE FLANGE FOR FIRE BRIGADE CONNECTION	1500	1 Nos.	+100
3.	PUDDLE FLANGE FOR SUCTION PIPE	2000	1 Nos.	-3700
4.	PUDDLE FLANGE FOR DRAIN OUT	800	2 Nos.	-1150
5.	PUDDLE FLANGE FOR OVER FLOW TO PLANT ROOM	1500	2 Nos.	+00
6.	PUDDLE FLANGE FOR VENT	800	2 Nos.	+200
7.	PUDDLE FLANGE FOR LEVEL CONTROLLER	500	2 Nos.	+100
8.	PUDDLE FLANGE FOR LEVEL INDICATOR (TOP)	500	2 Nos.	-300
9.	PUDDLE FLANGE FOR LEVEL INDICATOR (BOTTOM)	500	2 Nos.	-3400
10.	OVER FLOW PIPE FIRE TANK TO DOMESTIC TANK	1500	2 Nos.	+00
11.	PUDDLE FLANGE FOR DOMESTIC SUCTION PIPE	1000	1 Nos.	-3700
12.	PUDDLE FLANGE FOR SWAMP DISCHARGE PIPE	1000	1 Nos.	+100
13.	PUDDLE FLANGE FOR DOMESTIC PUMP PIPE	1000	1 Nos.	+100
14.	PUDDLE FLANGE FOR HYDRANT PIPE	1500	1 Nos.	+100
15.	PUDDLE FLANGE FOR SPRINKLER PIPE	1500	1 Nos.	+100
16.	PUDDLE FLANGE FOR SPARE	1500	1 Nos.	+100



SECTION - S1-S1



PLAN AT LVL -2000

अप्रो अभियंता
दुर्गात आवास निगम लि०
भारत सरकार-राज्य
२० प्र० मुलस आवास निगम लि०
निर्माण इकाई

PLAN NO. SW/ST/2000

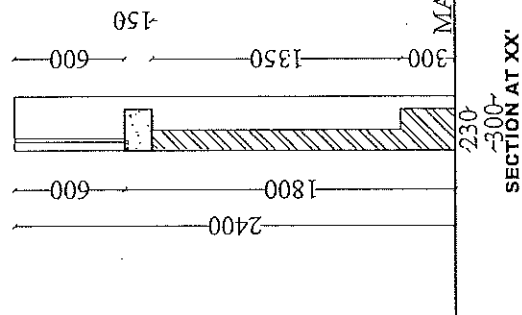
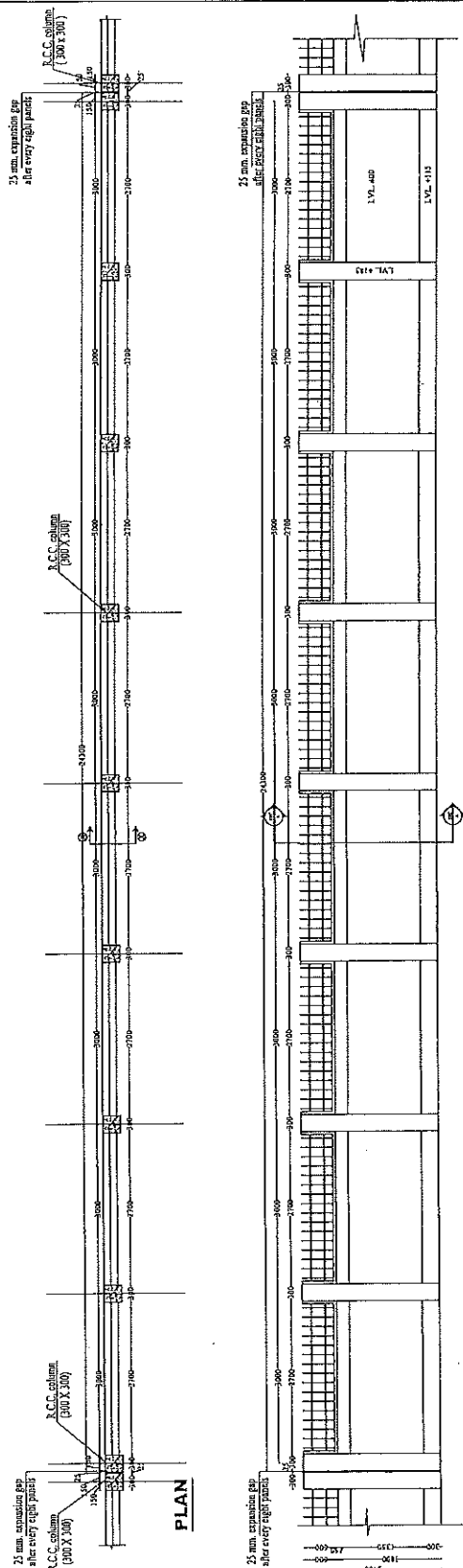
महापौर आवास निगम लि०

भारत सरकार-राज्य

२० प्र० मुलस आवास निगम लि०

निर्माण इकाई


PROJECT :-	PROPOSED CONSTRUCTION OF FIRE STATION (GA UNIT) AT BAHAURICH, DIST.:- BAHAURICH (U.P.)		
CLIENT :-	HOME DEPARTMENT		
BUILDING :-			
DRG. TITLE :-	BOUNDARY WALL		
<p>NOTES :-</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN METERS. 2. THE DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE KEPT IN THE OFFICE OF THE ARCHITECTS & NOT TO BE COPIED OUTSIDE THE FIRM. PERMISSION OF THE ARCHITECTS. 3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS IMMEDIATELY. 4. THERE ARE ONLY TWO CONCEPT PLAN ACTUAL AREA MAY DIFFER AT THE TIME OF CONSTRUCTION. 5. ALL DIMENSIONS ARE TO BE TAKEN FROM THE EXISTING ONLY. 6. INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE REQUIREMENTS OF THE ARCHITECTS. 7. OTHERS ANY REQUIRED HINT/OTHER SERVICES CLIENT WILL BE PROVIDED AS PER REQUIREMENTS. 8. NO. OF FLOORS TO BE CONSTRUCTED ON-AFTER U.S. CODE HAZARD ZONE. 9. NO. OF FLOORS TO BE CONSTRUCTED ON-AFTER U.S. CODE HAZARD ZONE. 10. NO. OF FLOORS TO BE CONSTRUCTED ON-AFTER U.S. CODE HAZARD ZONE. 			
MANAGER(ARCH):		G.M. :	
CONSTRUCTION AGENCY			
U.P. POLICE AWAS NIGAM			
DATE :-	DRG. NO. :-	AR-01	
SCALE :-	NORTH :-		
DEALING NAME :-	ARCHITECTS & INTERIOR DESIGNERS		
ADDRESS :-	S-52 AGF-110 SECTOR - D SUSHANT GOLF CITY		
PHONE :-	MOBILE - 9799435511		
PRANSHU VERMA	AR. PRANSHU GUPTA		
ARCHITECTURAL CONSULTANT			
SWASTIKA			
ARCHITECTS & INTERIOR DESIGNERS			
S-52 AGF-110 SECTOR - D SUSHANT GOLF CITY			
MOBILE - 9799435511			
swastikaarchitect@gmail.com			

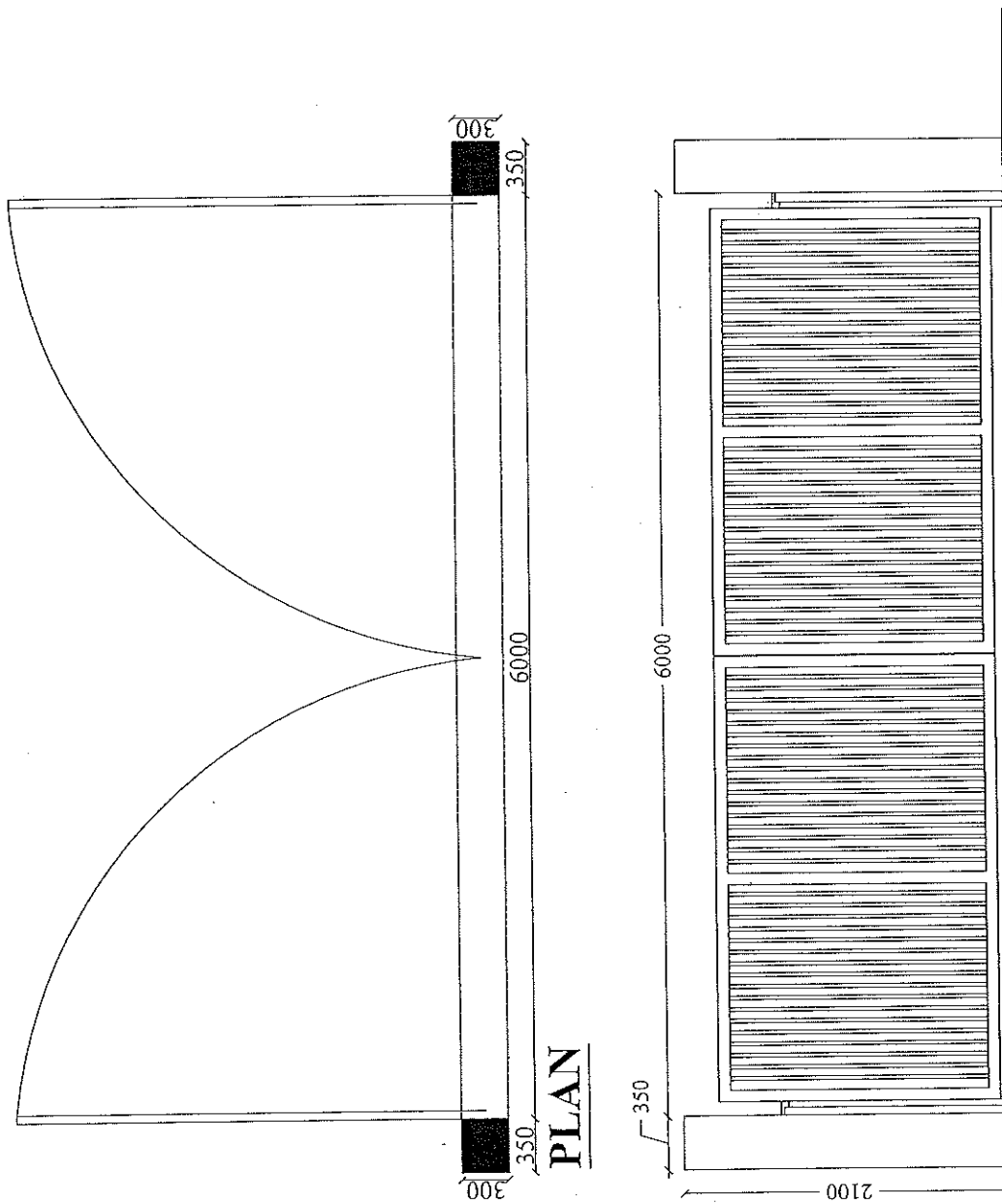


सहायक अभियन्ता
ट० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

३० प्र० पुलिस आयस निगम लि०
दुकाई प्रमारी
३० प्र० दुकाई लखनऊ

MATRIX STRUCTURES
(STRUCTURAL ENGINEERS CONSULTANT)

 (1123, Vimala Khouri, Gomti Nagar, Lucknow, Uttar Pradesh - 226010)
Ph. - 09473708819, 070007903769, email:- matrixstructures@gmail.com
web site:- www.matrixstructures.co.in



ELEVATION

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

इकाई प्रमारी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

PROJECT :-

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

CLIENT :-

HOME DEPARTMENT

BUILDING :-

DRG. TITLE :-

6 MT. WIDE GATE

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. WRITTEN DIMENSIONS ARE TO BE FOLLOWED. DRAWING NOT BE SCALED.
3. THIS DRG. IS THE PROPERTY OF M/S. PRANSHU VERMA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE KEPT IN THE OFFICE OF THE ARCHITECT & NOT TO BE LOANED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
4. ANY ALTERATION OR MODIFICATION TO THE DRAWING MUST BE APPROVED BY THE ARCHITECT & NOTED ON THE DRAWING BEFORE EXECUTION.
5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT THE TIME OF EXECUTION.
6. ALL THE COLLAGE SIZES SHOWN IN THE DRAWING ARE ONLY INDICATIVE. ACTUAL SIZES AND POSITION WILL BE AS PER THE REQUIREMENT OF THE CLIENT.
7. OTHER ANY REQUIRED DUTY/OTHER SERVICES CHARGE WILL BE AS PER THE REQUIREMENT OF THE CLIENT.
8. FINISH AREA CALCULATION IS BASED ON AS PER IS CODE MA-100.
9. THE DRAWING IS THE PROPERTY OF THE ARCHITECT & NOT TO BE LOANED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
10. THE DRAWING IS THE PROPERTY OF THE ARCHITECT & NOT TO BE LOANED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

MANAGER (ARCH) :-

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM

DATE :-

DRG. NO. :-

AR-01

SCALE :-

NORTH :-

DEALT BY :-

ARCHITECT :-

PRANSHU VERMA

(BARRAICH)

PRANSHU VERMA ARCHITECTS & INTERIOR DESIGNERS

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-110 SECTOR-25 ESHANT GOLF CITY

SHAHED PATH LUCKNOW-226029,

MOBILES-9998943111

PRANSHUVERMA@GMAIL.COM

PROJECT
PROPOSED CONSTRUCTION OF FIRE
STATION (3/4 UNITS) AT BAHRAICH,
DIST. - BAHRAICH, U.P.

BUILDING
6 MT. WIDE GATE

Notes:-
[General]
(1) Co-ordinate this drawing with relevant architectural and service drawings.
(2) All dimensions are in mm, unless otherwise mentioned.
(3) In case of any discrepancy between the drawings and the specifications, the specifications shall prevail.
(4) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(5) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(6) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(7) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(8) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(9) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(10) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(11) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(12) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(13) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(14) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.
(15) The contractor shall be responsible for the execution of the work in accordance with the specifications and the drawings.

Revision Table

Rev. No.	Date	Rev. Reason	Drawn by	Checked by
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Sheet Title:
DETAIL OF 6 MT WIDE GATE

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

ARCHITECT
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
AGE-110, SEZ, SUBSANT ANSAL GOLF CITY
LUCKNOW, PIN-226013
E-Mail: swastikaarchitects@gmail.com

Drawn By: Himanshu

Designed: Dr. Shant Kumar

Checked: Dr. Shant Kumar

Date: Feb. 2025

Scale: N.T.S.

Sheet No.: ST-01

STRUCTURAL CONSULTANTS:-
MATRIX STRUCTURES
(STRUCTURAL ENGINEERS CONSULTANT)
1/121, Vikram Khand, Ganga Nagar, Lucknow, Uttar Pradesh - 226010
PH. - 9947370819, 9700798259, email - matrixstructures@gmail.com
Web Site: www.matrixstructures.co.in

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.

FOUNDATION PLAN
[GATE]

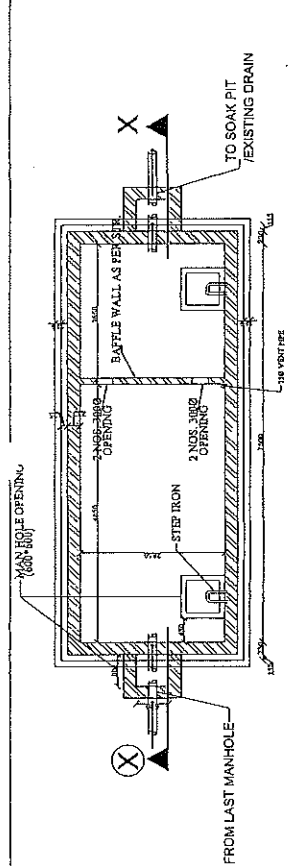
SEC. OF PILE GP1 (2P2) AT X1-X1

PLAN OF PILE GP1 (2P1)

DETAIL OF COLUMN REINF.

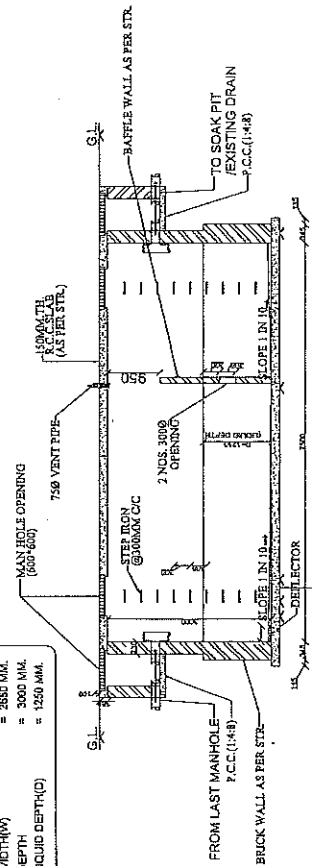
सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

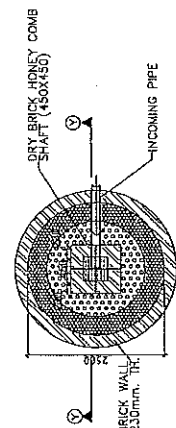


SIZES OF SEPTIC TANK
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WIDTH(W) = 2000 MM.
DEPTH = 3000 MM.
LIQUID DEPTH(D) = 1250 MM.

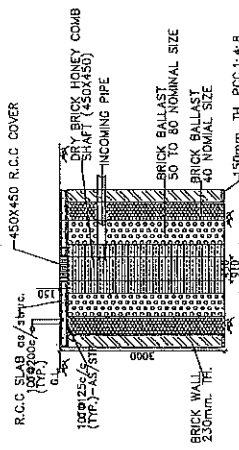
PLAN OF SEPTIC TANK



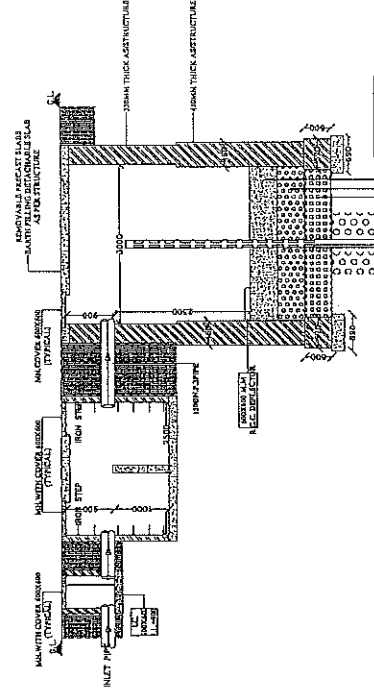
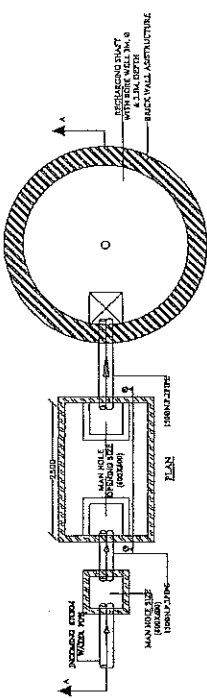
SECTION AT X-X



PLAN OF SOAK PIT



SECTION AT Y-Y



SECTION AT A-A
DESILTING CHAMBER
SIZE 2500 X 1500 X 1000 MM.
(BELOW OUTGOING INVERT LEVEL)

RECHARGE SHAFT
RAIN WATER
HARVESTING DETAILS

सहायक अभियन्ता
अवर अभियन्ता
पुलिस आवास निगम लि.
नर्मदा इकाई-बल्लभ

PRAPULLANVAR GUPTA
(B. Arch, M. Plan)
CA/2088/43652

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:	SEPTIC TANK, SOAK PIT & R.W.H DETAIL	Scale	1:100	Date	11/08	Checked By	SHWANKA	Drawn By	SHWANKA	ARCHITECTURAL CONSULTANTS:-	SWASTIKA ARCHITECTS & ENGINEERS SS-7, GATEWAY TO DELHI, DELHI-110028 MOBILE-999433111 swastikaarchitects@gmail.com	SHRISH & PROTI CONSULTANTS (PVT) LTD. 1/1, NARAYAN PURI, DELHI-110028 MOBILE-999433111 shrishproti@gmail.com
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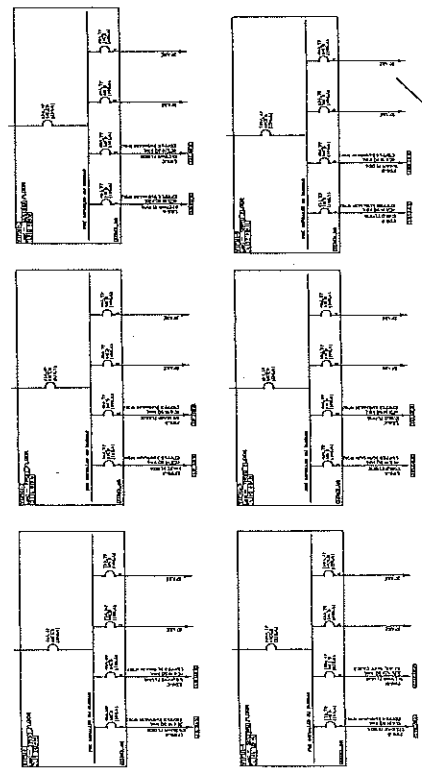
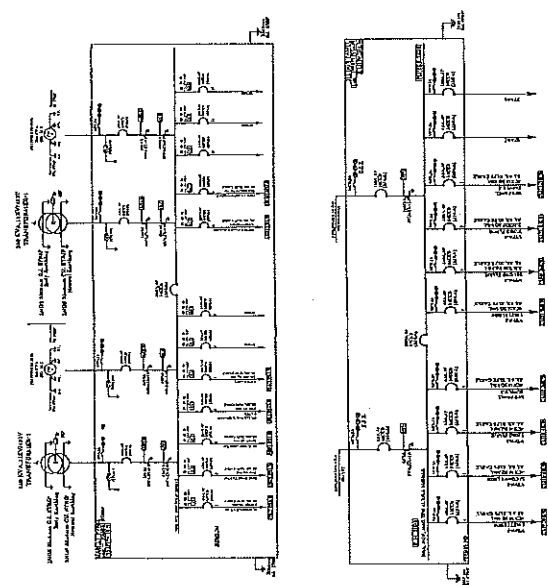
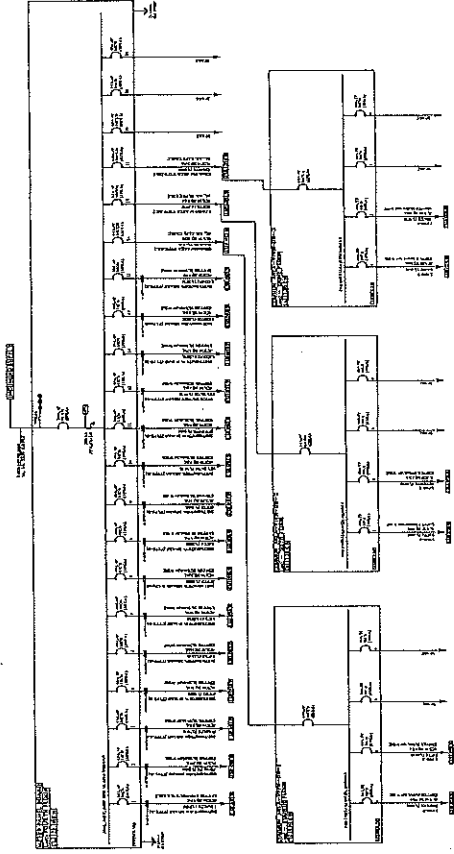
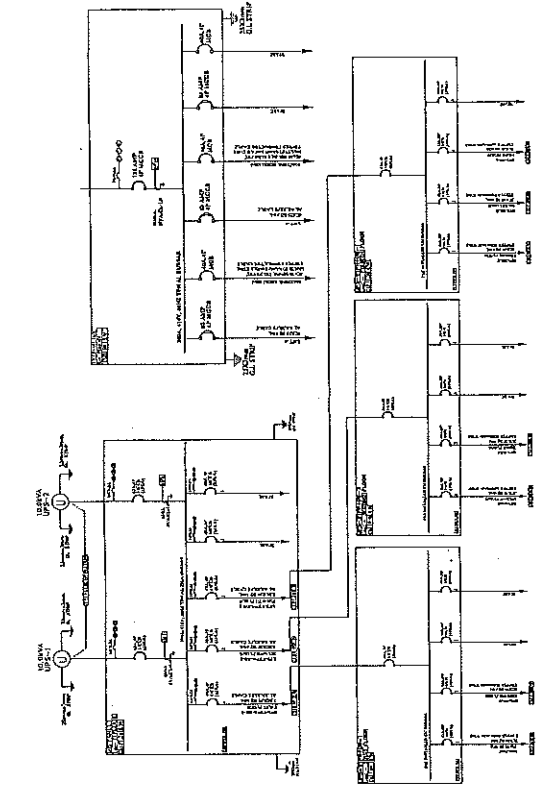
Project:

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

Agency:

UP POLICE AWAS NIGAM LTD.

Sl. No.	Item	Description	Unit	Quantity
1	1.1	1.1.1	1.1.1.1	1.1.1.1
2	2.1	2.1.1	2.1.1.1	2.1.1.1
3	3.1	3.1.1	3.1.1.1	3.1.1.1
4	4.1	4.1.1	4.1.1.1	4.1.1.1
5	5.1	5.1.1	5.1.1.1	5.1.1.1
6	6.1	6.1.1	6.1.1.1	6.1.1.1
7	7.1	7.1.1	7.1.1.1	7.1.1.1
8	8.1	8.1.1	8.1.1.1	8.1.1.1
9	9.1	9.1.1	9.1.1.1	9.1.1.1
10	10.1	10.1.1	10.1.1.1	10.1.1.1
11	11.1	11.1.1	11.1.1.1	11.1.1.1
12	12.1	12.1.1	12.1.1.1	12.1.1.1
13	13.1	13.1.1	13.1.1.1	13.1.1.1
14	14.1	14.1.1	14.1.1.1	14.1.1.1
15	15.1	15.1.1	15.1.1.1	15.1.1.1
16	16.1	16.1.1	16.1.1.1	16.1.1.1
17	17.1	17.1.1	17.1.1.1	17.1.1.1
18	18.1	18.1.1	18.1.1.1	18.1.1.1
19	19.1	19.1.1	19.1.1.1	19.1.1.1
20	20.1	20.1.1	20.1.1.1	20.1.1.1
21	21.1	21.1.1	21.1.1.1	21.1.1.1
22	22.1	22.1.1	22.1.1.1	22.1.1.1
23	23.1	23.1.1	23.1.1.1	23.1.1.1
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25	25.1	25.1.1	25.1.1.1	25.1.1.1
26	26.1	26.1.1	26.1.1.1	26.1.1.1
27	27.1	27.1.1	27.1.1.1	27.1.1.1
28	28.1	28.1.1	28.1.1.1	28.1.1.1
29	29.1	29.1.1	29.1.1.1	29.1.1.1
30	30.1	30.1.1	30.1.1.1	30.1.1.1
31	31.1	31.1.1	31.1.1.1	31.1.1.1
32	32.1	32.1.1	32.1.1.1	32.1.1.1
33	33.1	33.1.1	33.1.1.1	33.1.1.1
34	34.1	34.1.1	34.1.1.1	34.1.1.1
35	35.1	35.1.1	35.1.1.1	35.1.1.1
36	36.1	36.1.1	36.1.1.1	36.1.1.1
37	37.1	37.1.1	37.1.1.1	37.1.1.1
38	38.1	38.1.1	38.1.1.1	38.1.1.1
39	39.1	39.1.1	39.1.1.1	39.1.1.1
40	40.1	40.1.1	40.1.1.1	40.1.1.1
41	41.1	41.1.1	41.1.1.1	41.1.1.1
42	42.1	42.1.1	42.1.1.1	42.1.1.1
43	43.1	43.1.1	43.1.1.1	43.1.1.1
44	44.1	44.1.1	44.1.1.1	44.1.1.1
45	45.1	45.1.1	45.1.1.1	45.1.1.1
46	46.1	46.1.1	46.1.1.1	46.1.1.1
47	47.1	47.1.1	47.1.1.1	47.1.1.1
48	48.1	48.1.1	48.1.1.1	48.1.1.1
49	49.1	49.1.1	49.1.1.1	49.1.1.1
50	50.1	50.1.1	50.1.1.1	50.1.1.1
51	51.1	51.1.1	51.1.1.1	51.1.1.1
52	52.1	52.1.1	52.1.1.1	52.1.1.1
53	53.1	53.1.1	53.1.1.1	53.1.1.1
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62	62.1	62.1.1	62.1.1.1	62.1.1.1
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97	97.1	97.1.1	97.1.1.1	97.1.1.1
98	98.1	98.1.1	98.1.1.1	98.1.1.1
99	99.1	99.1.1	99.1.1.1	99.1.1.1
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सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

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

PRAPHULANAND GUPTA
(B.Arch, M.Phil)
CA/2008/43632

SHAH & PANI
CONSULTING ENGINEERS (P) LTD.
ARCHITECTURAL CONSULTANT
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS 2 AG-110 SECTOR, D SURMANT GOLF CITY
SHARAD PATH, LUCKNOW-226009,
U.P. INDIA
www.shahpani.com

Project

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

Agency

UP POLICE AWAS NIGAM LTD.

LEGEND - ELECTRICAL	
1. MAIN SUPPLY	2. MAIN SWITCH
3. MAIN BUS	4. MAIN CABLE
5. MAIN TRAILER	6. MAIN TRAILER
7. MAIN TRAILER	8. MAIN TRAILER
9. MAIN TRAILER	10. MAIN TRAILER
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95. MAIN TRAILER	96. MAIN TRAILER
97. MAIN TRAILER	98. MAIN TRAILER
99. MAIN TRAILER	100. MAIN TRAILER

FIRE STATION (3/4 UNIT)

UP Title:
PANELS SLD
(ELECTRICAL)

Manager(Arch)-

Dr. No. :-

SPCEP LPS-UP/LE/17/13

Dr. No. :-

Scale:- 1:100

Sheet:- S. KUMAR

Checked By:-

DATE:- FEB-2023

Dr. No. :-

Dr. No. :-

Dr. No. :-

Dr. No. :-

Dr. No. :-

Dr. No. :-

Dr. No. :-

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Dr. No. :-

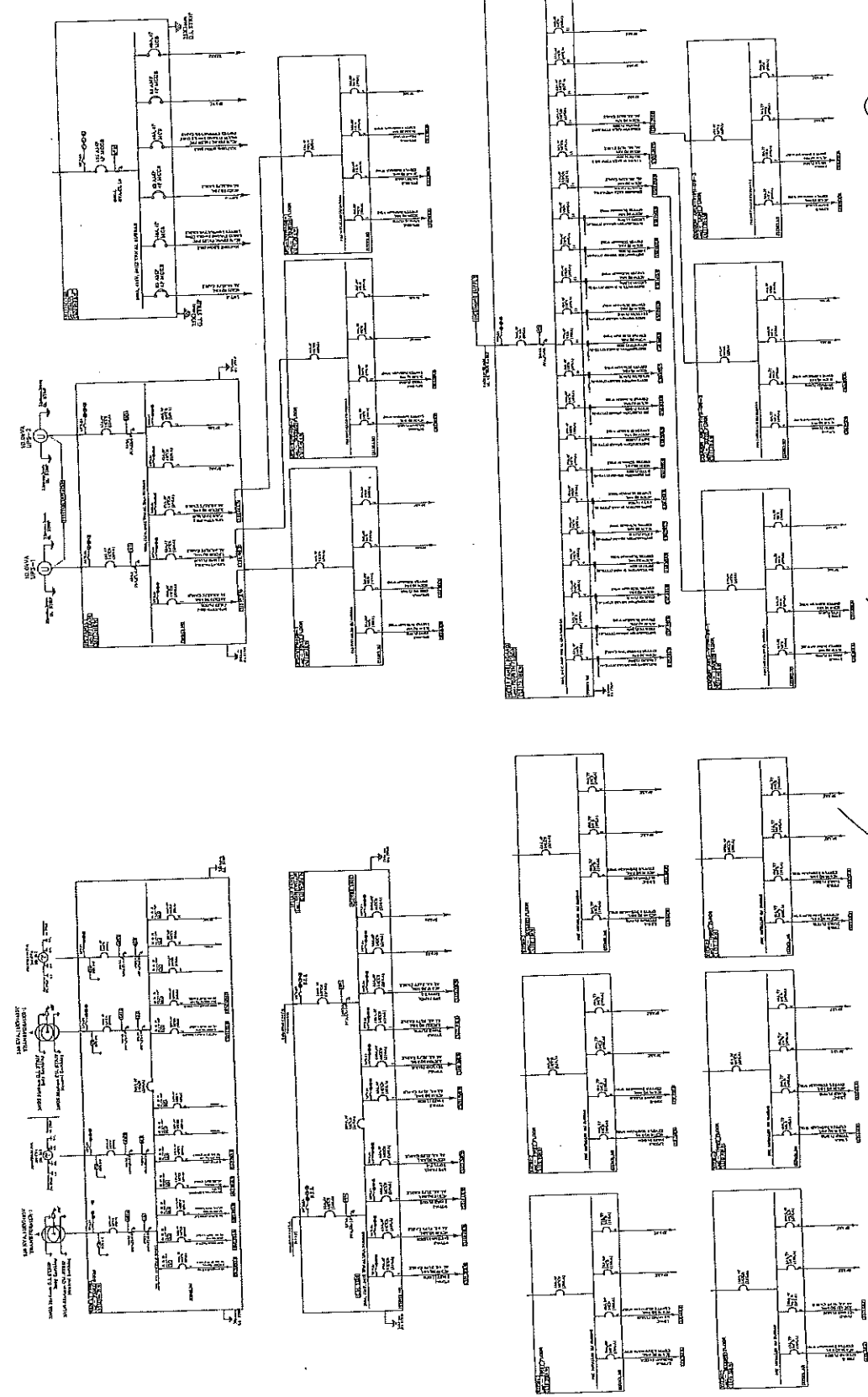
Dr. No. :-

Dr. No. :-

PRAPHULANANDAR GUPTA
(BANK M. Plan)
CA/2008/43632

सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

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



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

Agency - **UPPAP**
CONSTRUCTION DESIGN SERVICES
 (401-241-1131)

[illegible][illegible]

FIRE STATION (3 UNIT)

Drp. Title:- FIRST FLOOR PLAN
(ELECTRICAL)

Project Manager:

Drug. No. 3

SPCEPLFS-UP/ELE02

1:100	SKUMAR
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FEB.-2026 JB SHARMA

ARCHITECTURAL CONSULTANT

DWASILINA
ARCHITECTS & INTERIOR DESIGNERS

MOBILE-9741343151
SILVINEE PATTI LUCKNOW-226029,

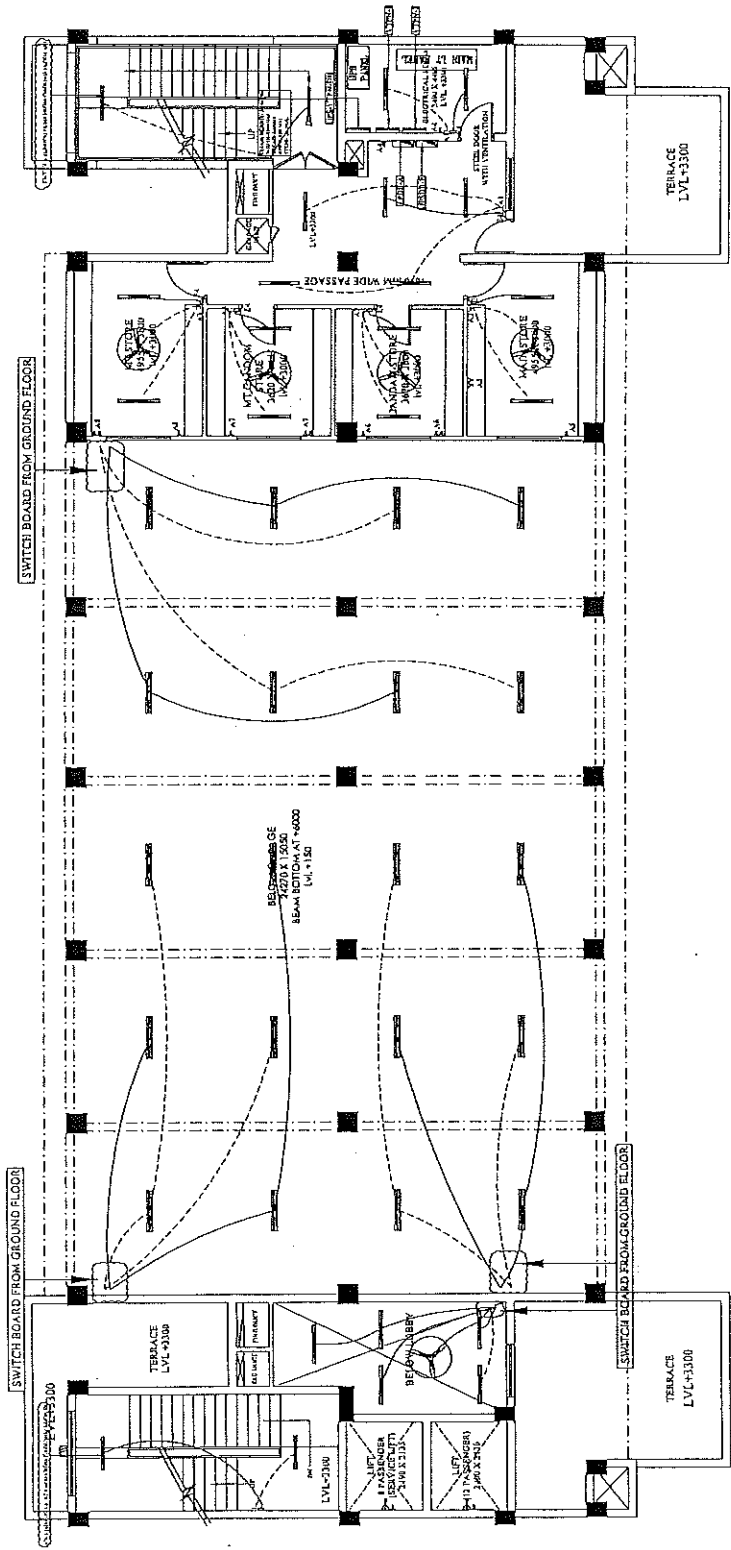
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DOI: 10.1002/for

SHAH & PART

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6, 4111 Penn. Hwy. WASHINGTON, D.C. 20540-7101
Tel: 202-635-1234, Fax: 202-635-1235, Call 1-800-234-1234

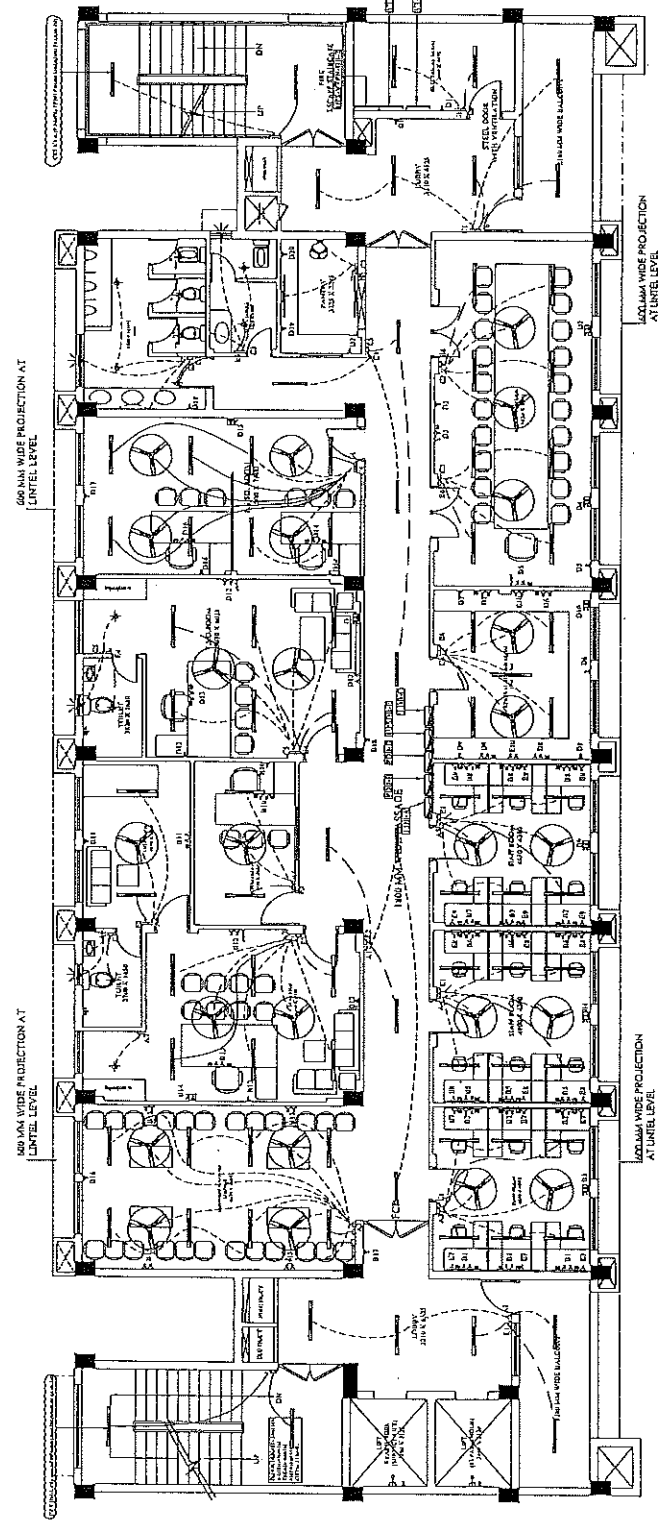


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३०२० पुनिस आवास निगम सि०
३०२० ए० निगम
३०२० ए० निगम

FIRST FLOOR PLAN



PRATHI 11/2/88 CRLA
(C 11/2/88)
CANDID 4362

निर्माण इकाई, लखनऊ
उपपरि उपायत निगम लि०

अवर अभियन्ता
श्री० प्र० पुलिस अवास निगम लि०
भोपाळ इन्डि-नायकन

(3) सहायक अभियन्ता

SECOND FLOOR

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

WINDING
CONSTRUCTION & DESIGN SERVICES

[illegible]

1. NORTH AREA - 5,107.25 SQ. FT. (2nd)
 2. GROUND FLOOR AREA - 102,719.32 SQ. - 22.80 SQ. FT.
 3. DOUBLE HEIGHTED AREA - 312.41 SQ. FT.
 4. WEST FLOOR AREA - 43,944.90 SQ. - 24.25 SQ. FT.
 5. SECOND FLOOR AREA - 343.32 SQ. FT.
 6. THIRD FLOOR AREA - 341.18 SQ. FT.
 7. NORTH PLUG AREA - 396.45 SQ. FT.
 8. SOUTH PLUG AREA - 396.45 SQ. FT.
 9. SIXTH FLOOR AREA - 348.21 SQ. FT.
 10. SEVENTH FLOOR AREA - 348.21 SQ. FT.
 11. DOUBLE HEIGHT FLOOR AREA - 312.41 SQ. FT.
 12. TOTAL FLOOR AREA - 270,000.00 SQ. FT.

FIRE STATION (3 UNIT)

Fig. 111a-
SIXTH TO SEVENTH FLOOR PLAN
ELECTRICAL

Project Manager:-

19. No. :-

cc/d:	Dr by:
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Checked By:-	
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AGITECTURAL CONSULTANT

SWASTIKA

STALEE PATRICK LUCIANO-226629,

מס' תיק: 123456789 | תאריך: 15.05.2024

100

SHAH & PART

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156F84000
C-10004302

इकाई प्रभारी
उ०प्र० पुलिस आवास निगम लि०
निर्माण इकाई, लखनऊ

सहायक अभियन्ता
ड० प्र० पुलिस आवास निगम लि०

निर्माण इकाई
पुरास आवात विनाम लिंक
SEVENTH FLOOR PLAN -
TYPE B (UNIT AREA-90.00 SQ.MT.)

20

PROPOSED CONSTRUCTION OF
FIRE STATION (3¼ UNITS)
AT DIFFERENT PLACES IN U.P.

Agency **UPDA**
CONSTRUCTION-REVENUE SERVICES
(WASH DC OFFICE)

[illegible]

PUMPED AREA - 55 PUMP 15 1611 SQUAT	
GRADING FLOOR AREA -	
SINGLE HEIGHT AREA - 102.70 SQ. FT.	25.01 SQ. FT.
DOUBLE HEIGHT AREA - 312.41 SQ. FT.	
FIRST FLOOR AREA -	
SINGLE HEIGHT AREA - 434.90 SQ. FT.	107.23 SQ. FT.
SECOND FLOOR AREA -	
THIRD FLOOR AREA -	483.80 SQ. FT.
FOURTH FLOOR AREA -	414.44 SQ. FT.
FIFTH FLOOR AREA -	504.25 SQ. FT.
SIXTH FLOOR AREA -	504.25 SQ. FT.
SEVENTH FLOOR AREA -	504.25 SQ. FT.
EIGHTH FLOOR AREA -	504.25 SQ. FT.
NINTH FLOOR AREA -	504.25 SQ. FT.
TOTAL SINGLE HEIGHT FLOOR AREA - 3118.35 SQ. FT.	
TOTAL DOUBLE HEIGHT FLOOR AREA - 2124.14 SQ. FT.	
TOTAL FLOOR AREA - 5242.49 SQ. FT.	

FIRE STATION (3 UNIT)

8TH FLOOR PLAN
ELECTRICAL

Project Manager:-

Org. No. 3-

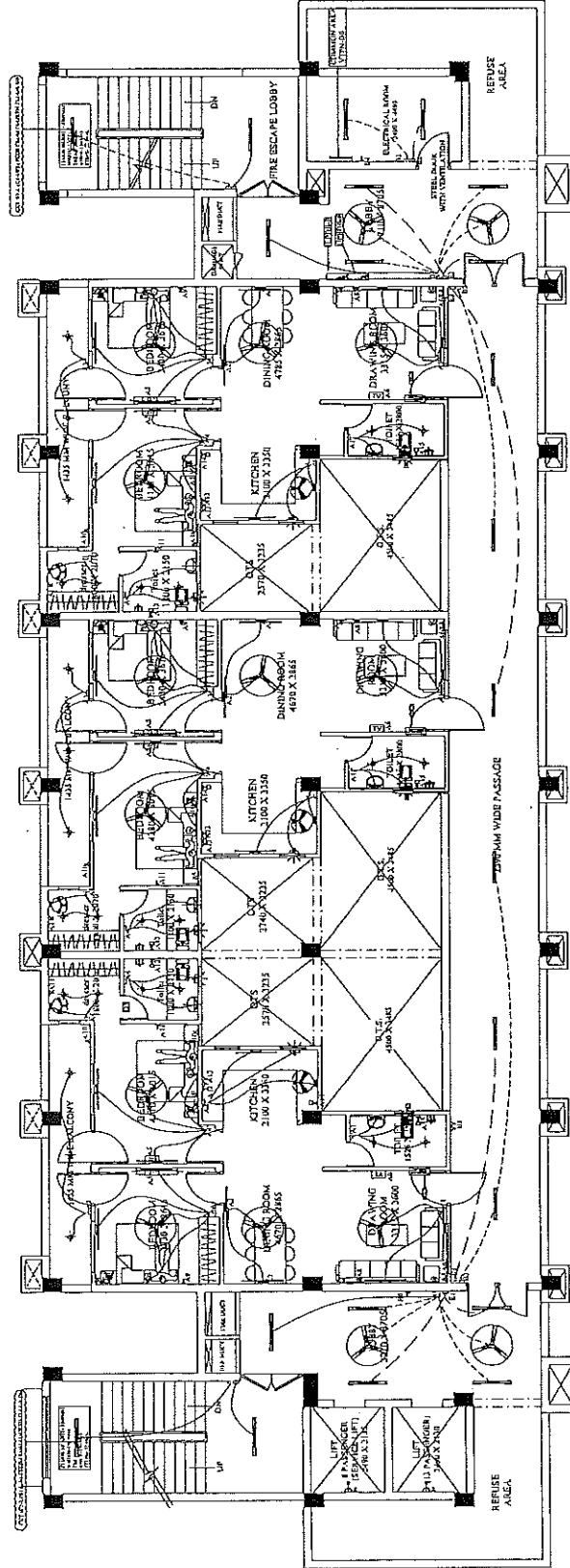
Scale:-	1:100	Drawn By:-	SKUMAR	SPCEPLFS-UIPIELE00
Date:-		Checked By:-		

ARCHITECTURAL CONSULTANT

SWASTIKA

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
B AGF-110 SECTOR -D SUSANT GOLF CIT
SWASTEE PATH LUCKNOW-226029,
MOBILE-9797145311
swastikaarchitects@gmail.com

Services Consultant :-

[illegible]

इकाई प्रभारी
उपप्रभारी
निर्माण इकाई, लखनऊ

सहायक अभियन्ता
ड० प्र० पुलिस आवास निगम लि०
निर्माण इकाई

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

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

Agency **UPPAA**
CONSTRUCTION & DESIGN SERVICES
(B7E)(F)(S)

[illegible]

PLANT 1 AREA: 45.64 AC PER 15 PLANT 1000

ORCHARD FLOOR AREA: 343.5 SQ. FT.
SINGLE PLANTED AREA: 182.75 SQ. FT.
DOUBLE PLANTED AREA: 160.75 SQ. FT.

FIRST FLOOR AREA: 424.25 SQ. FT.
SINGLE PLANTED AREA: 212.12 SQ. FT.
DOUBLE PLANTED AREA: 212.12 SQ. FT.

SECOND FLOOR AREA: 343.5 SQ. FT.
SINGLE PLANTED AREA: 182.75 SQ. FT.
DOUBLE PLANTED AREA: 160.75 SQ. FT.

THIRD FLOOR AREA: 343.5 SQ. FT.
SINGLE PLANTED AREA: 182.75 SQ. FT.
DOUBLE PLANTED AREA: 160.75 SQ. FT.

FOURTH FLOOR AREA: 343.5 SQ. FT.
SINGLE PLANTED AREA: 182.75 SQ. FT.
DOUBLE PLANTED AREA: 160.75 SQ. FT.

FIFTH FLOOR AREA: 343.5 SQ. FT.
SINGLE PLANTED AREA: 182.75 SQ. FT.
DOUBLE PLANTED AREA: 160.75 SQ. FT.

SIXTH FLOOR AREA: 343.5 SQ. FT.
SINGLE PLANTED AREA: 182.75 SQ. FT.
DOUBLE PLANTED AREA: 160.75 SQ. FT.

TOTAL SINGLE PLANT FLOOR AREA: 2121.50 SQ. FT.
TOTAL DOUBLE PLANT FLOOR AREA: 2121.50 SQ. FT.
TOTAL FLOOR AREA: 4243.00 SQ. FT.

FIRE STATION (3 UNIT)

Proj. Title:- NINTH FLOOR PLAN
(ELECTRICAL)

Project Manager:

Fig. No. :-	SPECLFS-UP/IELEDS	
Scale:-	1:100	Dr. By:- S. KUMAR
date:-	FEB. 2026	Checked By:- JB SHARMA

ARCHITECTURAL CONSULTANT

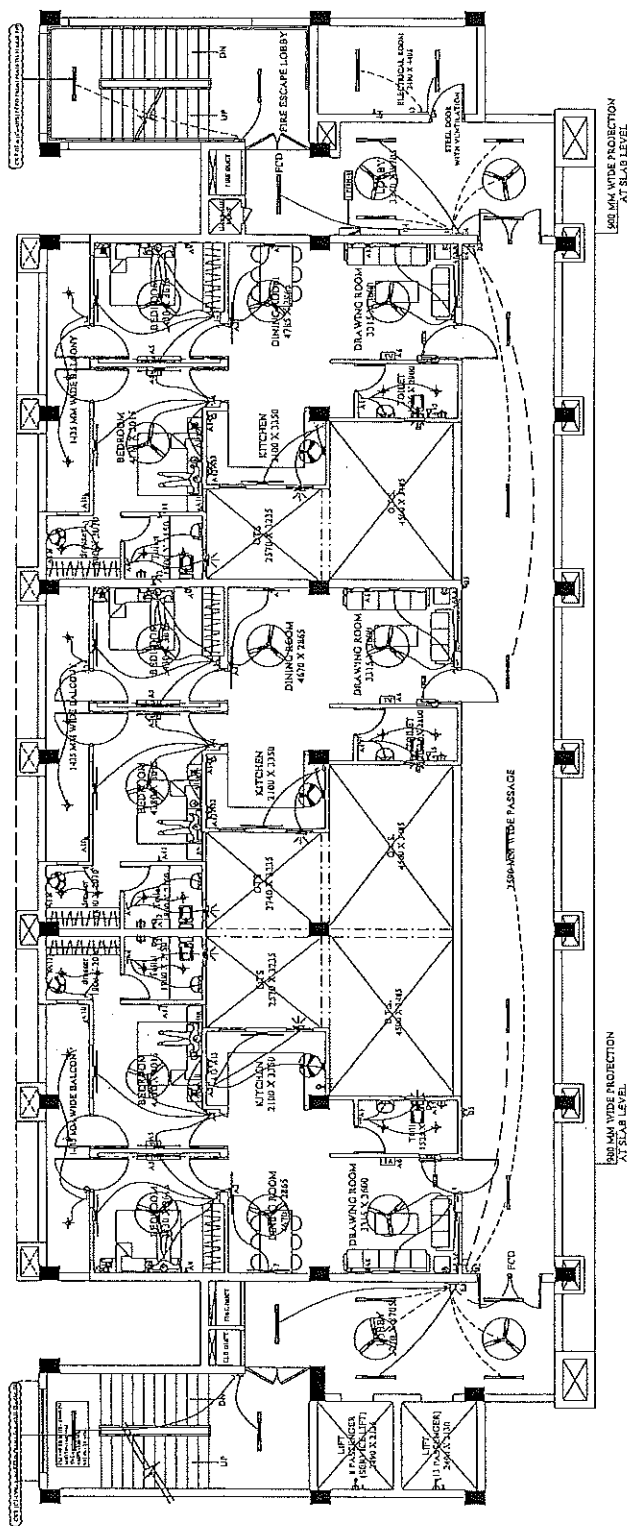
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