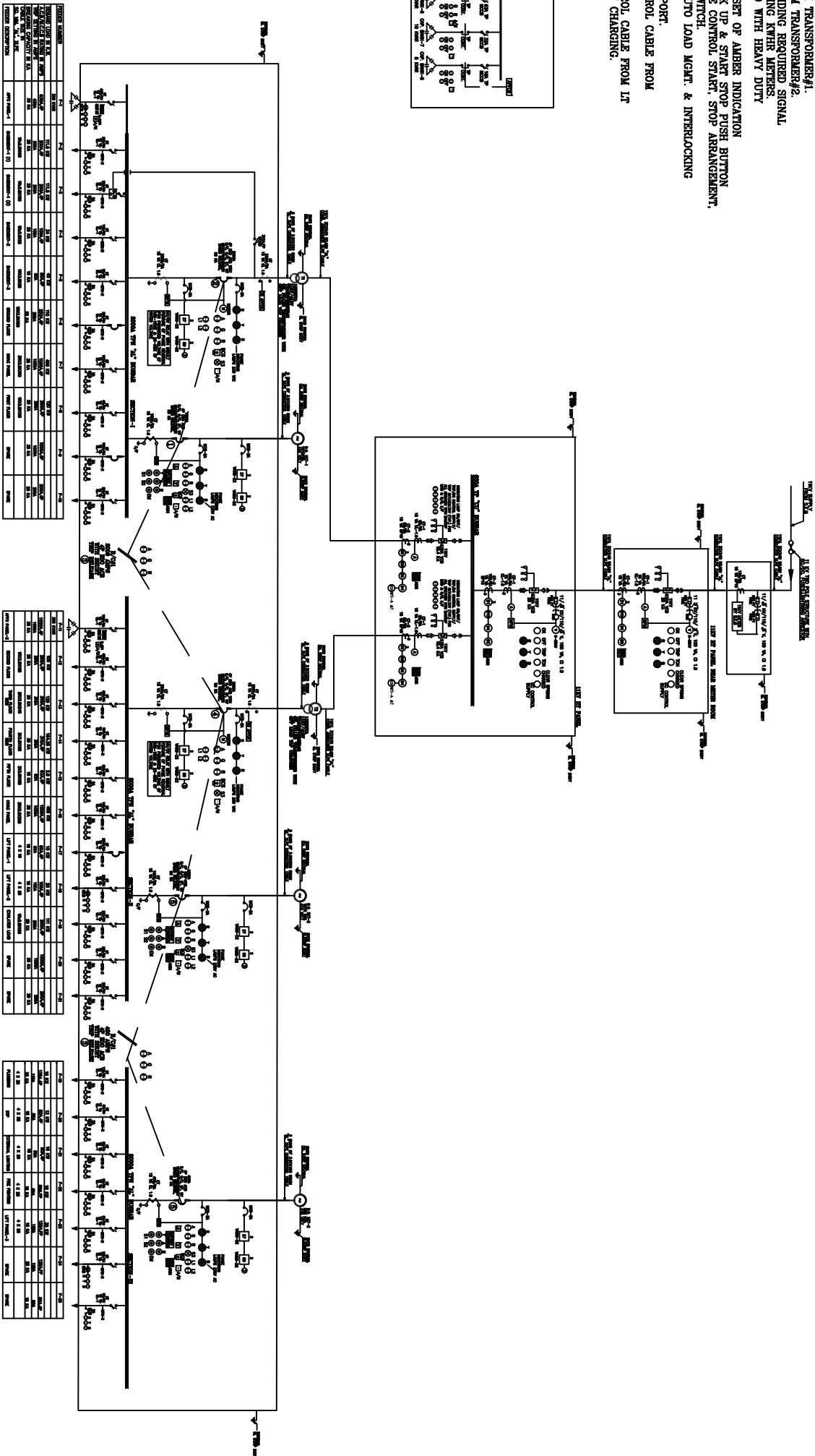
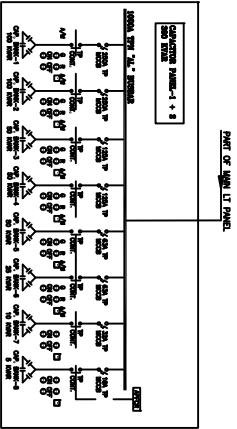
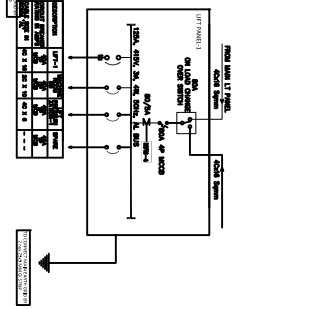
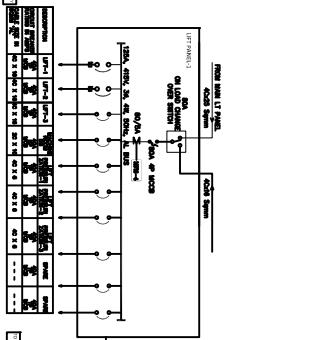
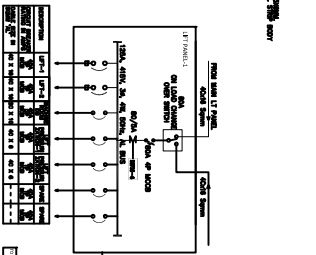
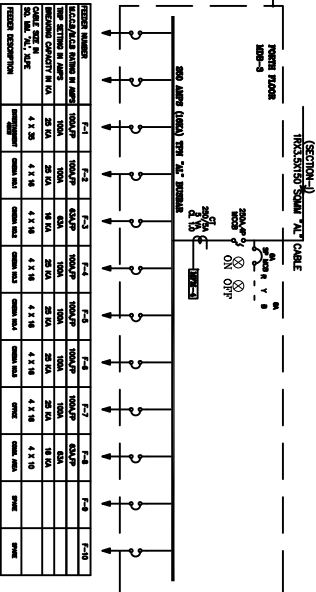
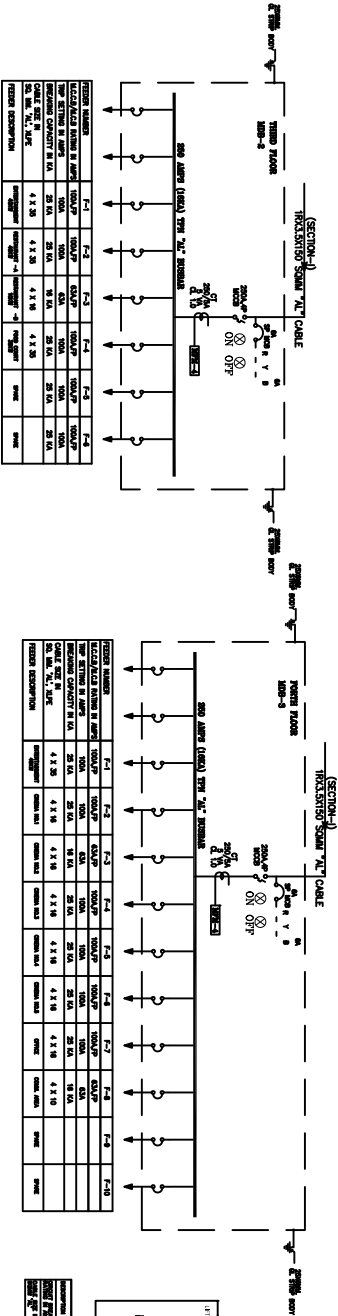


NOTE:—

- 1) SECTION II SHALL BE FED FROM TRANSFORMER#1.
- 2) SECTION II SHALL BE FED FROM TRANSFORMER#2.
- 3) REQUIRED PROVISION FOR PROVIDING REQUIRED SIGNAL FOR DG SUPPLY TO DIAL, READING KNIFE LETTERS
- 4) ALL TP MCCB TO BE PROVIDED WITH HEAVY DUTY SOLID NEUTRAL LINK
- 5) IN ALL THE STARTER FEEDERS 13% OR AHEAD INDICATION LAP WITH 2A SP MCCB AS BACK UP & START STOP PUSH BUTTON ILLUMINATED TYPE WITH REMOTE CONTROL, START, STOP ARRANGEMENT, AUTO/MANUAL, OFF SELECTOR SWITCH.
- 6) IN LT PANEL, MCCB P/LC FOR AUTO LOAD MGMT. & INTERLOCKING AS PER LOGIC REQUIRED
- 7) ALL MPV TO BE WITH RS-485 PORT.
- 8) 10C X 2.5 SQ MM COPPER CONTROL CABLE FROM DIAL PANEL TO DG SET.
- 9) 2C X 2.5 SQ MM COPPER CONTROL CABLE FROM LT PANEL TO DG SET FOR BATTERY CHARGING.

[illegible]

	I-1	I-2	I-3	I-4	I-5	I-6	I-7	I-8	I-9	I-10	I-11	I-12	I-13	I-14	I-15	I-16	I-17	I-18	I-19	I-20	I-21	I-22	I-23	I-24	I-25	I-26	I-27	I-28	I-29	I-30	I-31	I-32	I-33	I-34	I-35	I-36	I-37	I-38	I-39	I-40	I-41	I-42	I-43	I-44	I-45	I-46	I-47	I-48	I-49	I-50	I-51	I-52	I-53	I-54	I-55	I-56	I-57	I-58	I-59	I-60	I-61	I-62	I-63	I-64	I-65	I-66	I-67	I-68	I-69	I-70	I-71	I-72	I-73	I-74	I-75	I-76	I-77	I-78	I-79	I-80	I-81	I-82	I-83	I-84	I-85	I-86	I-87	I-88	I-89	I-90	I-91	I-92	I-93	I-94	I-95	I-96	I-97	I-98	I-99	I-100	I-101	I-102	I-103	I-104	I-105	I-106	I-107	I-108	I-109	I-110	I-111	I-112	I-113	I-114	I-115	I-116	I-117	I-118	I-119	I-120	I-121	I-122	I-123	I-124	I-125	I-126	I-127	I-128	I-129	I-130	I-131	I-132	I-133	I-134	I-135	I-136	I-137	I-138	I-139	I-140	I-141	I-142	I-143	I-144	I-145	I-146	I-147	I-148	I-149	I-150	I-151	I-152	I-153	I-154	I-155	I-156	I-157	I-158	I-159	I-160	I-161	I-162	I-163	I-164	I-165	I-166	I-167	I-168	I-169	I-170	I-171	I-172	I-173	I-174	I-175	I-176	I-177	I-178	I-179	I-180	I-181	I-182	I-183	I-184	I-185	I-186	I-187	I-188	I-189	I-190	I-191	I-192	I-193	I-194	I-195	I-196	I-197	I-198	I-199	I-200	I-201	I-202	I-203	I-204	I-205	I-206	I-207	I-208	I-209	I-210	I-211	I-212	I-213	I-214	I-215	I-216	I-217	I-218	I-219	I-220	I-221	I-222	I-223	I-224	I-225	I-226	I-227	I-228	I-229	I-230	I-231	I-232	I-233	I-234	I-235	I-236	I-237	I-238	I-239	I-240	I-241	I-242	I-243	I-244	I-245	I-246	I-247	I-248	I-249	I-250	I-251	I-252	I-253	I-254	I-255	I-256	I-257	I-258	I-259	I-260	I-261	I-262	I-263	I-264	I-265	I-266	I-267	I-268	I-269	I-270	I-271	I-272	I-273	I-274	I-275	I-276	I-277	I-278	I-279	I-280	I-281	I-282	I-283	I-284	I-285	I-286	I-287	I-288	I-289	I-290	I-291	I-292	I-293	I-294	I-295	I-296	I-297	I-298	I-299	I-300	I-301	I-302	I-303	I-304	I-305	I-306	I-307	I-308	I-309	I-310	I-311	I-312	I-313	I-314	I-315	I-316	I-317	I-318	I-319	I-320	I-321	I-322	I-323	I-324	I-325	I-326	I-327	I-328	I-329	I-330	I-331	I-332	I-333	I-334	I-335	I-336	I-337	I-338	I-339	I-340	I-341	I-342	I-343	I-344	I-345	I-346	I-347	I-348	I-349	I-350	I-351	I-352	I-353	I-354	I-355	I-356	I-357	I-358	I-359	I-360	I-361	I-362	I-363	I-364	I-365	I-366	I-367	I-368	I-369	I-370	I-371	I-372	I-373	I-374	I-375	I-376	I-377	I-378	I-379	I-380	I-381	I-382	I-383	I-384	I-385	I-386	I-387	I-388	I-389	I-390	I-391	I-392	I-393	I-394	I-395	I-396	I-397	I-398	I-399	I-400	I-401	I-402	I-403	I-404	I-405	I-406	I-407	I-408	I-409	I-410	I-411	I-412	I-413	I-414	I-415	I-416	I-417	I-418	I-419	I-420	I-421	I-422	I-423	I-424	I-425	I-426	I-427	I-428	I-429	I-430	I-431	I-432	I-433	I-434	I-435	I-436	I-437	I-438	I-439	I-440	I-441	I-442	I-443	I-444	I-445	I-446	I-447	I-448	I-449	I-450	I-451	I-452	I-453	I-454	I-455	I-456	I-457	I-458	I-459	I-460	I-461	I-462	I-463	I-464	I-465	I-466	I-467	I-468	I-469	I-470	I-471	I-472	I-473	I-474	I-475	I-476	I-477	I-478	I-479	I-480	I-481	I-482	I-483	I-484	I-485	I-486	I-487	I-488	I-489	I-490	I-491	I-492	I-493	I-494	I-495	I-496	I-497	I-498	I-499	I-500	I-501	I-502	I-503	I-504	I-505	I-506	I-507	I-508	I-509	I-510	I-511	I-512	I-513	I-514	I-515	I-516	I-517	I-518	I-519	I-520	I-521	I-522	I-523	I-524	I-525	I-526	I-527	I-528	I-529	I-530	I-531	I-532	I-533	I-534	I-535	I-536	I-537	I-538	I-539	I-540	I-541	I-542	I-543	I-544	I-545	I-546	I-547	I-548	I-549	I-550	I-551	I-552	I-553	I-554	I-555	I-556	I-557	I-558	I-559	I-560	I-561	I-562	I-563	I-564	I-565	I-566	I-567	I-568	I-569	I-570	I-571	I-572	I-573	I-574	I-575	I-576	I-577	I-578	I-579	I-580	I-581	I-582	I-583	I-584	I-585	I-586	I-587	I-588	I-589	I-590	I-591	I-592	I-593	I-594	I-595	I-596	I-597	I-598	I-599	I-600	I-601	I-602	I-603	I-604	I-605	I-606	I-607	I-608	I-609	I-610	I-611	I-612	I-613	I-614	I-615	I-616	I-617	I-618	I-619	I-620	I-621	I-622	I-623	I-624	I-625	I-626	I-627	I-628	I-629	I-630	I-631	I-632	I-633	I-634	I-635	I-636	I-637	I-638	I-639	I-640	I-641	I-642	I-643	I-644	I-645	I-646	I-647	I-648	I-649	I-650	I-651	I-652	I-653	I-654	I-655	I-656	I-657	I-658	I-659	I-660	I-661	I-662	I-663	I-664	I-665	I-666	I-667	I-668	I-669	I-670	I-671	I-672	I-673	I-674	I-675	I-676	I-677	I-678	I-679	I-680	I-681	I-682	I-683	I-684	I-685	I-686	I-687	I-688	I-689	I-690	I-691	I-692	I-693	I-694	I-695	I-696	I-697	I-698	I-699	I-700	I-701	I-702	I-703	I-704	I-705	I-706	I-707	I-708	I-709	I-710	I-711	I-712	I-713	I-714	I-715	I-716	I-717	I-718	I-719	I-720	I-721	I-722	I-723	I-724	I-725	I-726	I-727	I-728	I-729	I-730	I-731	I-732	I-733	I-734	I-735	I-736	I-737	I-738	I-739	I-740	I-741	I-742	I-743	I-744	I-745	I-746	I-747	I-748	I-749	I-750	I-751	I-752	I-753	I-754	I-755	I-756	I-757	I-758	I-759	I-760	I-761	I-762	I-763	I-764	I-765	I-766	I-767	I-768	I-769	I-770	I-771	I-772	I-773	I-774	I-775	I-776	I-777	I-778	I-779	I-780	I-781	I-782	I-783	I-784	I-785	I-786	I-787	I-788	I-789	I-790	I-791	I-792	I-793	I-794	I-795	I-796	I-797	I-798	I-799	I-800	I-801	I-802	I-803	I-804	I-805	I-806	I-807	I-808	I-809	I-810	I-811	I-812	I-813	I-814	I-815	I-816	I-817	I-818	I-819	I-820	I-821	I-822	I-823	I-824	I-825	I-826	I-827	I-828	I-829	I-830	I-831	I-832	I-833	I-834	I-835	I-836	I-837	I-838	I-839	I-840	I-841	I-842	I-843	I-844	I-845	I-846	I-847	I-848	I-849	I-850	I-851	I-852	I-853	I-854	I-855	I-856	I-857	I-858	I-859	I-860	I-861	I-862	I-863	I-864	I-865	I-866	I-867	I-868	I-869	I-870	I-871	I-872	I-873	I-874	I-875	I-876	I-877	I-878	I-879	I-880	I-881	I-882	I-883	I-884	I-885	I-886	I-887	I-888	I-889	I-890	I-891	I-892	I-893	I-894	I-895	I-896	I-897	I-898	I-899	I-900	I-901	I-902	I-903	I-904	I-905	I-906	I-907	I-908	I-909	I-910	I-911	I-912	I-913	I-914	I-915	I-916	I-917	I-918	I-919	I-920	I-921	I-922	I-923	I-924	I-925	I-926	I-927	I-928	I-929	I-930	I-931	I-932	I-933	I-934	I-935	I-936	I-937	I-938	I-939	I-940	I-941	I-942	I-943	I-944	I-945	I-946	I-947	I-948	I-949	I-950	I-951	I-952	I-953	I-954	I-955	I-956	I-957	I-958	I-959	I-960	I-961	I-962	I-963	I-964	I-965	I-966	I-967	I-968	I-969	I-970	I-971	I-972	I-973	I-974	I-975	I-976	I-977	I-978	I-979	I-980	I-981	I-982	I-983	I-984	I-985	I-986	I-987	I-988	I-989	I-990	I-991	I-992	I-993	I-994	I-995	I-996	I-997	I-998	I-999	I-1000
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[illegible][illegible]

SNO.	DESCRIPTION	SYMBOLS
1	AMMETER	A
2	AMMETER SELECTOR SWITCH	ASS
3	VOLTMETER	V
4	VOLTMETER SELECTOR SWITCH	VSS
5	POWER FACTOR METER	PF
6	FREQUENCY METER	HZ
7	CURRENT TRANSFORMER	CT
8	UNDER/OVER VOLTAGE RELAY	27/89
9	POTENTIAL TRANSFORMER	PT
10	THMR	2
11	TTR NEUTRAL CLOSE	T N C
12	INDICATING LAMP	
13	DRAUGHT TYPE	
14	MULTI FUNCTION METER (KW, KVAR, MW, PF, V, A, Hz) (EQUIVALENT TO EMDRO)	
15	MCBS	
16	REVERSE POWER RELAY	
17	AUTOMATIC POWER FACTOR CORRECTION RELAY	
18	ANTI-PUMPING RELAY	
19	MASTER TRIP RELAY	
20	AUXILIARY RELAY	
21	TTR CIRCUIT HEALTHY	
22	BREAKER OFF GREEN	
23	BREAKER ON RED	
24	BREAKER CONTROL SWITCH	
25	ELECTRICAL DRAW OUT TYPE	EDO
26	AIR CIRCUIT BREAKER	ACB
27	DIGITAL RECTIFIER METER WITH MAXIMUM DEMAND INDICATOR	TMA
28	PHASE INDICATING LAMP	R V B
29	SPRING CHARGED, RED	L1
30	DC CONTROL SUPPLY HEALTHY, RED	L2
31	DO START PUSH BUTTON, GREEN	SI
32	DO STOP PUSH BUTTON, RED	S2
33	TTRP/RESET ILLUMINATED PUSH BUTTON, RED	S3
34	EMERGENCY STOP PUSH BUTTON	EM
35	DC AMMETER	A
36	DC VOLTMETER	V
37	HOOTER	H
38	ANN. TEST PUSH BUTTON	T
39	ANN. ACCEPT PUSH BUTTON	A
40	ANN. RESET PUSH BUTTON	R
41	CHANGE OVER SWITCH	C.O.S
42	NEUTRAL ISOLATION CONTACTOR	NIC
43	ANNUNCIATOR	ANN
44	RESTRICTED EARTH FAULT PROTECTION	
45	DIFFERENTIAL PROTECTION RELAY	
46	INSTANTANEOUS OVER CURRENT RELAY	50
47	TIME DELAY OVER CURRENT RELAY	51
48	INSTANTANEOUS E/F RELAY	50N
49	TIME DELAY E/F RELAY	51N
50	ENERGY METER	
51	EARTH LEAKAGE RELAY	
52	CORE BALANCE CURRENT TRANSFORMER	CBCT

PROJECT:-

PROPOSED MULTIPLEX AT KHASRA NO.1069,
VILLAGE NOORNAGAR, PARGANA LONI,
DISTT. GHAZIABAD (U.P.)

ARCHITECT

ANURAG GUPTA

VASTUSRIJAN
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MEP Consultants:

PKV Consulting Engineers (P) Ltd.
C-815, DDA Flats, Loni Road, Delhi -110093

PKV
E-mail:- pramod@pkv.co.in

title:	
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ELECTRICAL DRAWING

Sub title:

MAIN SCHEMATIC DIAGRAM

[illegible]

DRAWN :- TOGI	SCALE :- N:15
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CHECKED :- ANIL	SHEET :- (AL)
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DATE :- 12/01/2018	DWG. NO. :- PKV/EL/SCH/01
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