

ROAD 24.00 M WIDE

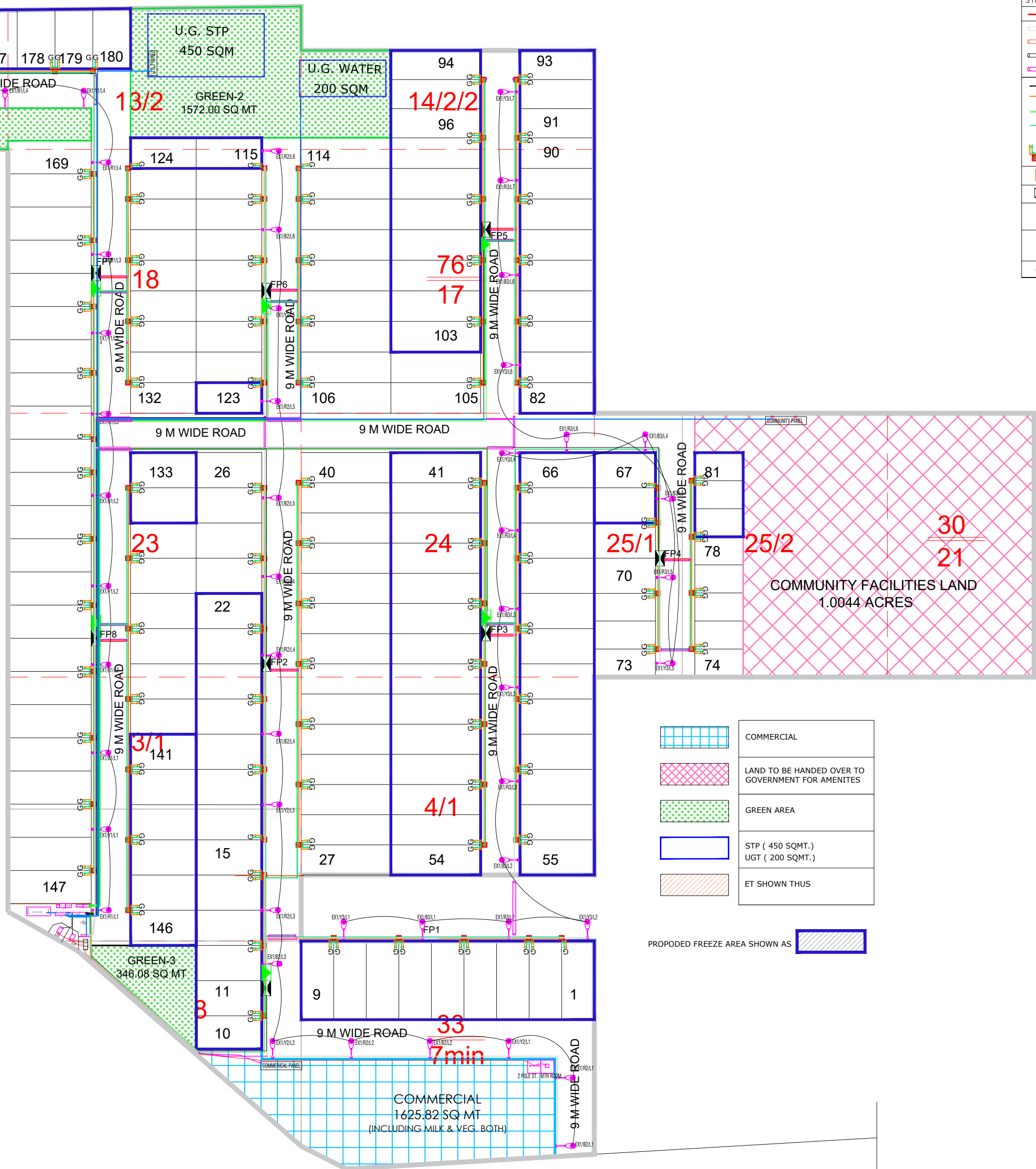
| PROJECT : AFFORDABLE RESIDENTIAL PLOTTED COLONY AT SEC.-26,RATHDHANA,SONEPAT, HARYANA(SM) |                                    |                    |       |        |            |            |             |           |            |           |          |
|-------------------------------------------------------------------------------------------|------------------------------------|--------------------|-------|--------|------------|------------|-------------|-----------|------------|-----------|----------|
| S.No                                                                                      | PLOT NO                            | PLOT SIZE IN METER |       |        | AREA /PLOT | AREA /PLOT | NO OF PLOTS | LOAD PER  | TOTAL CON. | DIVERSITY | TOTAL    |
|                                                                                           | FROM                               | TO                 | WIDTH | LENGTH | (SQ MTR)   | IN Meters  |             | PLOT (KW) | LOAD       | FACTOR    | LOAD(KW) |
| 1                                                                                         | 1                                  | 9                  | 7.45  | 15.00  | 114.100    | 5.772      | 9           | 12        | 108        | 0.4       | 43.2     |
| 2                                                                                         | 10                                 | 10                 | 7.50  | 15.00  | 113.850    | 4.900      | 1           | 12        | 12         | 0.4       | 4.8      |
| 3                                                                                         | 11                                 | 15                 | 8.05  | 15.00  | 120.750    | 5.197      | 5           | 12        | 60         | 0.4       | 24       |
| FEEDER PILLER-1 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 4                                                                                         | 16                                 | 26                 | 8.05  | 15.00  | 120.750    | 5.197      | 11          | 12        | 132        | 0.4       | 52.8     |
| 5                                                                                         | 27                                 | 40                 | 6.90  | 20.53  | 141.657    | 6.097      | 14          | 12        | 168        | 0.4       | 67.2     |
| FEEDER PILLER-2 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 6                                                                                         | 41                                 | 54                 | 6.90  | 20.53  | 141.657    | 6.097      | 14          | 12        | 168        | 0.4       | 67.2     |
| 7                                                                                         | 55                                 | 66                 | 6.95  | 17.00  | 136.850    | 5.890      | 12          | 12        | 144        | 0.4       | 57.6     |
| FEEDER PILLER-3 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 8                                                                                         | 67                                 | 70                 | 8.05  | 14.00  | 112.700    | 4.851      | 4           | 12        | 48         | 0.4       | 19.2     |
| 9                                                                                         | 71                                 | 73                 | 6.42  | 14.00  | 89.880     | 3.868      | 3           | 10        | 30         | 0.4       | 12       |
| 10                                                                                        | 74                                 | 81                 | 6.42  | 11.05  | 70.941     | 3.053      | 8           | 10        | 80         | 0.4       | 32       |
| FEEDER PILLER-4 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 11                                                                                        | 82                                 | 90                 | 7.50  | 17.00  | 127.500    | 5.122      | 9           | 12        | 108        | 0.4       | 43.2     |
| 12                                                                                        | 91                                 | 93                 | 6.60  | 17.00  | 113.220    | 4.873      | 3           | 12        | 36         | 0.4       | 14.4     |
| 13                                                                                        | 94                                 | 96                 | 6.66  | 20.53  | 136.730    | 5.885      | 3           | 12        | 36         | 0.4       | 14.4     |
| 14                                                                                        | 97                                 | 105                | 7.00  | 20.53  | 143.710    | 6.185      | 9           | 12        | 108        | 0.4       | 43.2     |
| FEEDER PILLER-5 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 21                                                                                        | 170                                | 176                | 8.65  | 13.41  | 115.997    | 4.992      | 7           | 12        | 84         | 0.4       | 33.6     |
| 22                                                                                        | 177                                |                    | 8.65  | 13.425 | 116.126    | 4.998      | 1           | 12        | 12         | 0.4       | 4.8      |
| 23                                                                                        | 178                                |                    | 8.65  | 13.49  | 116.689    | 5.022      | 1           | 12        | 12         | 0.4       | 4.8      |
| 24                                                                                        | 179                                |                    | 8.65  | 13.566 | 117.597    | 5.061      | 1           | 12        | 12         | 0.4       | 4.8      |
| 25                                                                                        | 180                                |                    | 8.65  | 13.705 | 118.548    | 5.102      | 1           | 12        | 12         | 0.4       | 4.8      |
| FEEDER PILLER-9 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
|                                                                                           |                                    |                    |       |        |            |            | 11          |           | 132        |           | 52.8     |
| FOR MLTP / TRAF-2                                                                         |                                    |                    |       |        |            |            |             |           |            |           |          |
| S.No                                                                                      | PLOT NO                            | PLOT SIZE IN METER |       |        | AREA /PLOT | AREA /PLOT | NO OF PLOTS | LOAD PER  | TOTAL CON. | DIVERSITY | TOTAL    |
|                                                                                           | FROM                               | TO                 | WIDTH | LENGTH | (SQ MTR)   | IN Meters  |             | PLOT (KW) | LOAD       | FACTOR    | LOAD(KW) |
| 15                                                                                        | 108                                | 114                | 7.50  | 20.53  | 143.710    | 6.185      | 9           | 12        | 108        | 0.4       | 43.2     |
| 16                                                                                        | 115                                | 123                | 7.00  | 15.00  | 105.000    | 4.519      | 9           | 12        | 108        | 0.4       | 43.2     |
| FEEDER PILLER-6 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 17                                                                                        | 124                                | 132                | 7.00  | 15.00  | 105.000    | 4.519      | 9           | 12        | 108        | 0.4       | 43.2     |
| 18                                                                                        | 161                                | 169                | 7.50  | 19.05  | 144.590    | 6.223      | 9           | 12        | 108        | 0.4       | 43.2     |
| FEEDER PILLER-7 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
| 19                                                                                        | 133                                | 146                | 8.05  | 15.00  | 120.750    | 5.197      | 14          | 12        | 168        | 0.4       | 67.2     |
| 20                                                                                        | 147                                | 160                | 7.50  | 19.05  | 144.590    | 6.223      | 14          | 12        | 168        | 0.4       | 67.2     |
| FEEDER PILLER-8 LOAD                                                                      |                                    |                    |       |        |            |            |             |           |            |           |          |
|                                                                                           |                                    |                    |       |        |            |            | 28          |           | 336        |           | 134.4    |
| Utility Load                                                                              |                                    |                    |       |        |            |            |             |           |            |           |          |
| S.No                                                                                      | Utility Detail                     |                    |       |        |            |            |             | LOAD (HP) | LOAD (KW)  | DIVERSITY | TOTAL    |
|                                                                                           |                                    |                    |       |        |            |            |             |           |            | FACTOR    | LOAD(KW) |
| 1                                                                                         | STP+ETP                            |                    |       |        |            |            |             | 60        | 45         | 0.6       | 27.6     |
| 2                                                                                         | WTP                                |                    |       |        |            |            |             | 60        | 45         | 0.6       | 27.6     |
| 3                                                                                         | STREET LIGHT                       |                    |       |        |            |            |             |           | 10         | 0.5       | 5        |
| 5                                                                                         | Milk Booth                         |                    |       |        |            |            |             |           | 8.0        | 0.50      | 4        |
| 6                                                                                         | Commercial Centre 1 (1625 Sq.m.)   |                    |       |        |            |            |             |           | 260.0      | 0.60      | 156.0    |
| 7                                                                                         | Community (1.0044)s15kw per 2 Acre |                    |       |        |            |            |             |           | 15.0       | 0.30      | 7.5      |
| Total KW for B+C                                                                          |                                    |                    |       |        |            |            |             |           |            |           | 227.7    |
| GR TOTAL (A+B+C)                                                                          |                                    |                    |       |        |            |            |             |           |            |           | 535      |

FEEDER PILLER SYSTEM

|      |                 |
|------|-----------------|
| FP-1 | PLOT-1 TO 15    |
| FP-2 | PLOT-16 TO 40   |
| FP-3 | PLOT-41 TO 66   |
| FP-4 | PLOT-67 TO 81   |
| FP-5 | PLOT-82 TO 105  |
| FP-6 | PLOT-106 TO 123 |
| FP-7 | PLOT-124 TO 132 |
| FP-8 | PLOT-133 TO 160 |
| FP-9 | PLOT-170 TO 180 |

WIFI DIS. SYSTEM

|      |                 |
|------|-----------------|
| SP-1 | PLOT-1 TO 40    |
| SP-2 | PLOT-41 TO 81   |
| SP-3 | PLOT-82 TO 105  |
| SP-4 | PLOT-106 TO 123 |
| SP-5 | PLOT-124 TO 132 |
| SP-6 | PLOT-166 TO 180 |



| SYMBOL | DESCRIPTION                                 |
|--------|---------------------------------------------|
|        | 11 KV HT CABLE(200 MM OUTER DIA HDPE)       |
|        | 300MM DIA RCC HUME PIPE FOR ROAD CROSSING   |
|        | 200MM DIA RCC HUME PIPE FOR ROAD CROSSING   |
|        | 110 MM DIA RCC HUME PIPE FOR ROAD CROSSING  |
|        | 63 MM DIA RCC HUME PIPE FOR ROAD CROSSING   |
|        | LT CABLE (MLTP TO FEEDER PILLAR/EQUIP)      |
|        | LT CABLE (FEEDER PILLAR TO PLOT)            |
|        | WIFI INCOMING CABLE (MAIN BOX TO SBD BOX)   |
|        | WIFI OUTGOING CABLE (SBD TO PLOT)           |
|        | WIFI CABLE Outgoing                         |
|        | Power supply for Plot                       |
|        | 450X450X600 MANHOLE FOR LV & MV CABLES      |
|        | 450X450X600 MANHOLE FOR LV & MV CABLES      |
|        | Feeder Pillar For Plots Main Supply         |
|        | Sub Distri. Box for wifi connection (SDB)   |
|        | EXTERNAL LIGHTING                           |
|        | EXTERNAL LIGHTING CABLE--4RX10 SQ mm Al Arm |

|  |                                                    |
|--|----------------------------------------------------|
|  | COMMERCIAL                                         |
|  | LAND TO BE HANDED OVER TO GOVERNMENT FOR AMENITIES |
|  | GREEN AREA                                         |
|  | STP ( 450 SQMT.)                                   |
|  | UGT ( 200 SQMT.)                                   |
|  | ET SHOWN THUS                                      |

PROPODED FREEZE AREA SHOWN AS

| Rev | Date       | Description |
|-----|------------|-------------|
| 00  | 22-09-2022 |             |
| 01  |            |             |
| 02  |            |             |
| 03  |            |             |
| 04  |            |             |

|                |                                                                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEP Consultant |                                                                                                                                                                            |
|                | BEHERA ASSOCIATES PVT LTD<br>F-623a, LADO SARAI<br>BEHIND CNG FILLING STATION<br>NEW DELHI - 110030<br>PH-011-45453080,MOB:9811911853<br>EMAIL-behera.associates@gmail.com |

|                                                                                                                                                                                                                                         |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| PROJECT NAME & ADDRESS :                                                                                                                                                                                                                |                                                |
| LAYOUT PLAN FOR AFFORDABLE RESIDENTIAL PLOTTED COLONY UNDER DOJAY OVER AN AREA MEASURING 10.04375 ACRES. SITUATED IN <b>RAJCHINE ESTATE OF VILLAGE KHALUKA, SECTOR 4 TEHSIL SOHNA DISTT GURUGRAM</b> BEING DEVELOPED BY V.K. DEVELOPERS |                                                |
| PROJECT NO-BAPL/EL-220801                                                                                                                                                                                                               |                                                |
| DWG.TITLE- SITE-ELEC. SYSTEM-LAYOUT                                                                                                                                                                                                     |                                                |
| DRAWING NO. - VK DEVELOPERS/ELEC-220801                                                                                                                                                                                                 |                                                |
| <input checked="" type="checkbox"/> FOR APPROVAL                                                                                                                                                                                        | <input type="checkbox"/> GOOD FOR CONSTRUCTION |
| <input type="checkbox"/> TENDER DRAWING                                                                                                                                                                                                 | <input type="checkbox"/> REFERENCE DRAWING     |
| DRAWN BY : Sunil kumar                                                                                                                                                                                                                  | REV NO. : R1                                   |
| CKD BY : KB SINGH                                                                                                                                                                                                                       | SCALE : 1:500                                  |