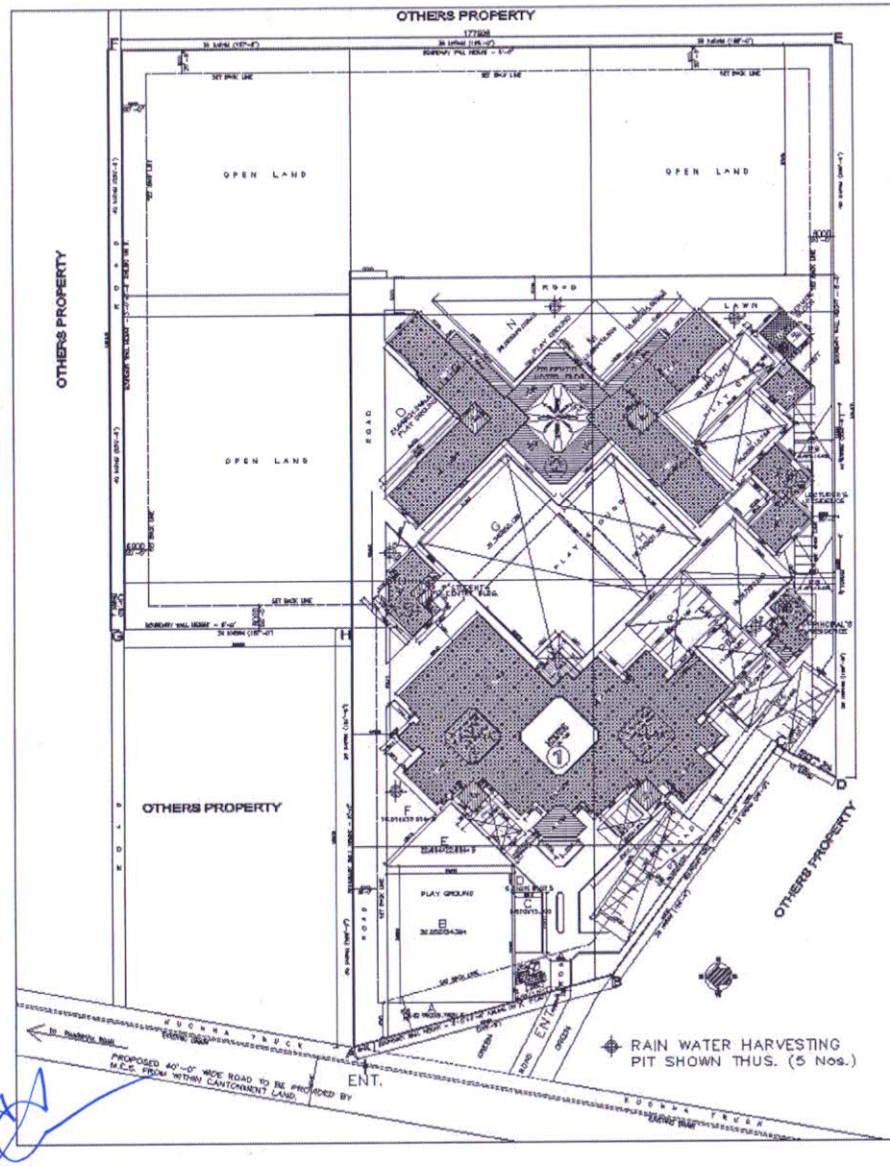
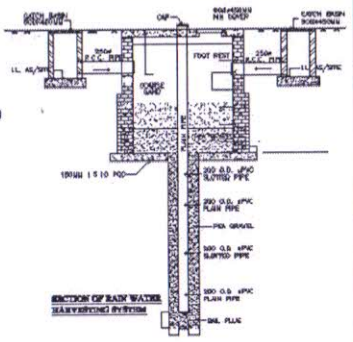



PLOT AREA= 35,612.368 sqm. or 8.80 acres (38,336.96 sqm.)
AREA UNDER ROAD/GREEN BELT 404.672 sqm. ( 16 Marla )
NET AREA OF THE PLOT 35,612.368 – 404.672 = 35,207.696 sqm.

PERMISSIBLE GROUND COVERAGE 14,083.078 sqm. ( 40% )
PROPOSED GROUND COVERAGE= 5,329.135 sqm. ( 15.14% )
PERMISSIBLE F.A.R. = 35,612.368 sqm (100 )
PROPOSED F.A.R. = 14,981.072 sqm (42.55 )




PLAYGROUND AREA REQUIRED :–
(15% OF THE SITE AREA)
= 5,341.778 sqm

PLAYGROUND AREA PROPOSED :–

| | | | |
|---|---|---|---|
| A | = 33.063 x 5.343 x .5 | = | 140.435 sqm |
| B | = 32.032 x 34.394 | = | 1,102.285 sqm |
| C | = 3.810 x 12.300 | = | 104.143 sqm |
| D | = 6.610 x 6.010 x .5 | = | 23.128 sqm |
| E | = 22.604 x 22.804 x .5 | = | 258.528 sqm |
| F | = 18.014 x 18.014 x .5 | = | 162.252 sqm |
| G | = 31.340 x 60.135 | = | 1,871.042 sqm |
| H | = 16.740 x 31.353 | = | 525.329 sqm |
| I | = 18.757 x 19.930 | = | 373.811 sqm |
| J | = 20.066 x 13.164 | = | 264.242 sqm |
| K | = 26.156 x 13.191 | = | 345.044 sqm |
| L | = 15.606 x 15.606 x .5 | = | 121.753 sqm |
| M | = 13.490 x 15.695 | = | 210.355 sqm |
| N | = 25.063 x 25.080 x .5 | = | 422.969 sqm |
| O | = 24.840 x 24.840 x .5 | = | 308.734 sqm |
| | TOTAL | = | 5,888.969 sqm. |
| LESS :– | a = 6.317 x 5.317 | = | 33.572 sqm. |
| | | = | 5,821.797 sqm. |
| | | | (16.35%) |

CAR PARKING AREA REQUIRED :–
6,711.655/100 = 67.11 Nos
Say = 68 Nos.
FOR HANDICAPPED = 2 Nos.
TOTAL = 70 Nos.

CAR PARKING AREA PROPOSED :–

| | | | |
|---|---|---|---|
| P1 | = 7.544 x 12.000 | = | 91.728 sqm |
| P2 | = 12.000 x 7.544 | = | 91.728 sqm. |
| P3 | = 24.375 x 10.220 | = | 249.033 sqm. |
| P4 | = 19.438 x 10.060 | = | 197.311 sqm. |
| P5 | = 9.112 x 16.186 | = | 147.514 sqm. |
| P6 | = 11.193 x 14.651 | = | 164.167 sqm. |
| P7 | = 19.201 x 13.159 | = | 251.693 sqm. |
| P8 | = 9.487 x 14.400 | = | 136.755 sqm. |
| P9 | = 9.487 x 14.000 | = | 132.755 sqm. |
| | | | 1610.159 sqm. / 23.00 = 70 Nos. |

RESIDENTIAL AREA :–

| | | |
|---|---|---|
| PRINCIPAL'S RESIDENCE | = | 205.957 sqm. |
| LECTURER'S RESIDENCE | = | 342.571 sqm. |
| | | 548.528 sqm. |
| | | (3% OF PROPOSED F.A.R.) |

LENGTH OF BOUNDARY WALL :–

| | | |
|---|---|---|
| A to B | = | 67.295 m. |
| B to C | = | 70.715 m. |
| C to D | = | 18.845 m. |
| D to E | = | 164.405 m. |
| E to F | = | 177.588 m. |
| F to G | = | 145.945 m. |
| G to H | = | 26.998 m. |
| H to A | = | 102.538 m. |
| TOTAL | = | 823.349 m. (2707'–10") |

HEIGHT OF BOUNDARY WALL :–

| | | |
|---|---|---|
| A to B | = | 3'–0" RAILING ON 3'–0" HIGH BRICK WALL. |
| B to C | = | 6'–0" HIGH BRICK WALL. |
| C to D | = | 6'–0" HIGH BRICK WALL. |
| D to E | = | 6'–0" HIGH BRICK WALL. |
| E to F | = | 6'–0" HIGH BRICK WALL. |
| F to G | = | 3'–0" RAILING ON 3'–0" HIGH BRICK WALL. |
| G to H | = | 6'–0" HIGH BRICK WALL. |
| H to A | = | 6'–0" HIGH BRICK WALL |

| BUILDING NO. | NAME OF THE BUILDING | GROUND COVERAGE 1 | NET UP AREA OF GROUND FLOOR 2 | NET UP AREA OF 2nd FLOOR 3 | NET UP AREA OF 3rd FLOOR 4 | NET UP AREA OF MANTY. 5 | TOTAL FAA (1+2+3+4+5) |
|---|---|---|---|---|---|---|---|
| 1. | COLLEGE BLDG | 2,595.991 | 1,835.916 | 2,182.155 | 0.000 | 96.593 | 6,711.655 |
| 2. | STUDENT'S HOSTEL BLDG. | 2,050.870 | 1,873.994 | 1,843.132 | 1,382.746 | 91.044 | 7,011.476 |
| 3. | STUDENT'S CENTRE BLDG. | 187.787 | 167.613 | 0.000 | 0.000 | 18.360 | 374.789 |
| 4. | PRINCIPAL'S RESIDENCE | 114.601 | 80.728 | 0.000 | 0.000 | 10.628 | 205.957 |
| 5. | LECTURER'S RESIDENCE | 227.476 | 203.547 | 0.000 | 0.000 | 11.571 | 443.294 |
| 6. | SERVICE BLOCK | 70.925 | 61.319 | 0.000 | 0.000 | 0.000 | 132.244 |
| 7. | SECURITY POST & H.T. METRE ROOM | 17.048 | 0.000 | 0.000 | 0.000 | 0.000 | 17.048 |
| 8 | U.G. TANK | 84.627 | 0.000 | 0.000 | 0.000 | 0.000 | 84.627 |
| | TOTAL | 5,329.135 (15.14%) | | | | | 14,981.072 (42.55) |

NOTE :–

1. ALL LEVELS SHOWN IN BUILDING PROFILE. ARE TERRACE TOP LEVEL. CONSIDERING GROUND LEVEL AS ± 000
2. SEWERAGE AND WATER SUPPLY SERVICES TO BE PROVIDED BY M.E.S. AND CONNECTED TO TO CANTONMENT EXISTING MAIN LINES.
3. 40'–0" WIDE APPROACH ROAD FROM PHAGWARA ROAD, TO BE PROVIDED BY M.E.S. FROM WITHIN CANTONMENT LAND IN MILITARY HOSPITAL RESIDENTIAL AREA.
4. ELECTRICAL SUPPLY TO BE PROVIDED BY M.E.S. AND CONNECTED TO CANTONMENT EXISTING SUPPLY LINES.

OWNER'S SIGNATURE | ARCHITECT'S SIGNATURE

DRAWING TITLE

## SITE PLAN

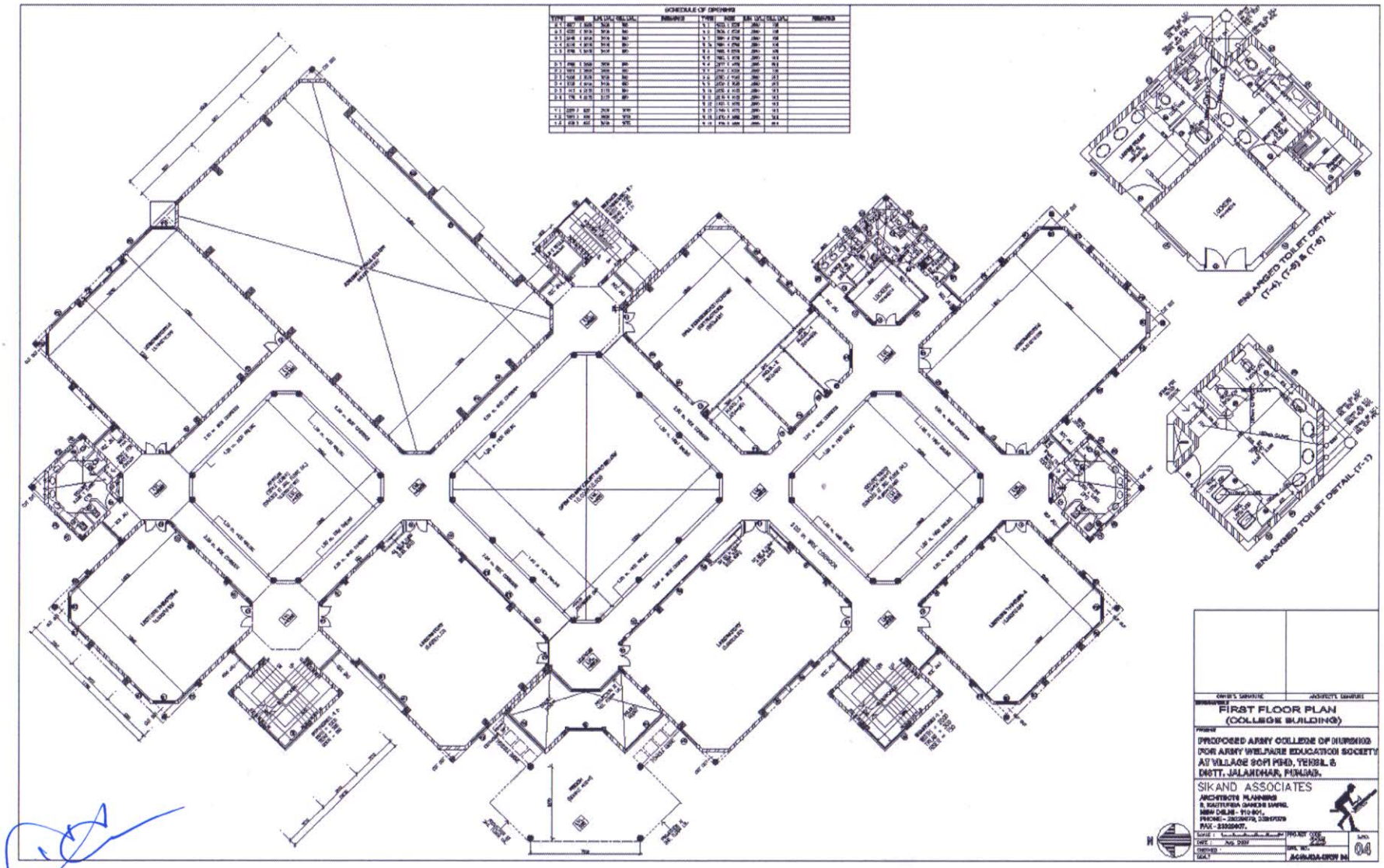
PROJECT

**PROPOSED ARMY COLLEGE OF NURSING FOR ARMY WELFARE EDUCATION SOCIETY AT VILLAGE SOFI PIND, TEHSIL & DISTT. JALANDHAR, PUNJAB.**

SIKAND ASSOCIATES
ARCHITECTS PLANNERS
5, KASTURBA GANDHI MARG.
NEW DELHI - 110 001.
PHONE - 23329879, 23317079
FAX - 23329807.

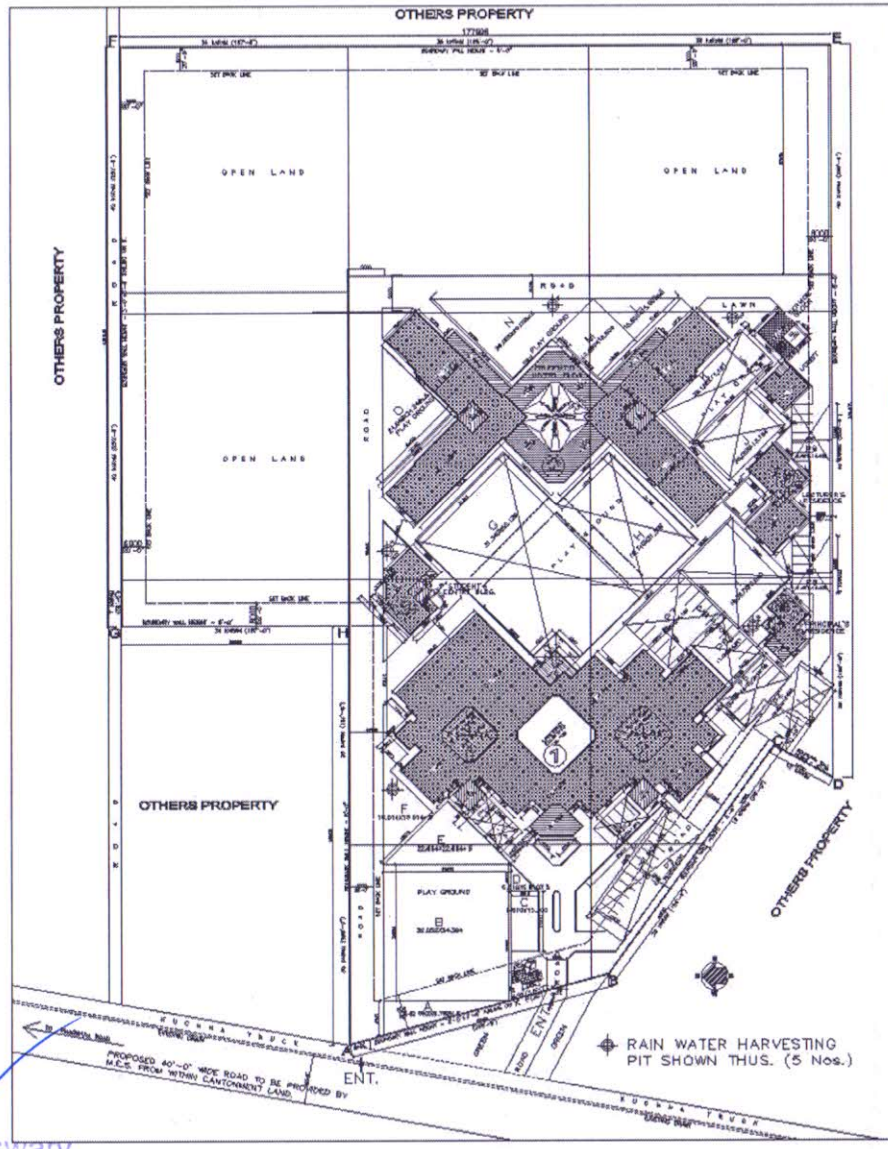
| | | |
|---|---|---|
| SCALE : | PROJECT CODE: 225 | S.NO. 01 |
| DATE : July, 2008 | DRG. NO.: ACN/JDA-DRW 01 | |
| CHECKED : | | |
| DRAWN : | | |

M Maheswary
Principal
Army College of Nursing
Jalandhar Cantt



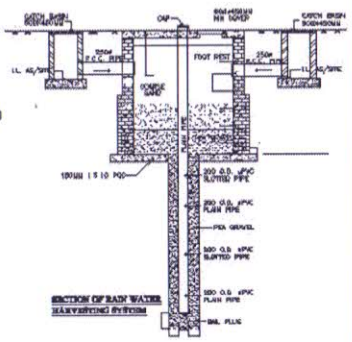

M Maheswary
Principal
Army College of Nursing
Jalandhar Cantt

BH, NABL etc.,)




PLOT AREA= 35,612.368 sqm. or 8.80 acre (884.96 sqm.)
AREA UNDER ROAD/GREEN BELT 404.672 sqm. ( 16 Marla )
NET AREA OF THE PLOT 35,612.368 – 404.672 = 35,207.696 sqm.

PERMISSIBLE GROUND COVERAGE 14,083.078 sqm. ( 40% )
PROPOSED GROUND COVERAGE= 5,329.135 sqm. ( 15.14% )
PERMISSIBLE F.A.R. = 35,612.368 sqm (100 )
PROPOSED F.A.R. = 14,981.072 sqm (42.55 )




SECTION OF RAIN WATER HARVESTING SYSTEM

PLAYGROUND AREA REQUIRED :–
(15% OF THE SITE AREA)
= 5,341.776 sqm

PLAYGROUND AREA PROPOSED :–

| | | | |
|---|---|---|---|
| A | 33.082 x 8.763 x .5 | = | 145.438 sqm. |
| B | 32.052 x 34.394 | = | 1,102.394 sqm |
| C | 8.910 x 13.300 | = | 104.167 sqm. |
| D | 6.610 x 6.610 x .5 | = | 22.185 sqm. |
| E | 22.864 x 22.864 x .5 | = | 256.628 sqm. |
| F | 18.014 x 18.014 x .5 | = | 162.252 sqm. |
| G | 31.340 x 50.126 | = | 1,571.042 sqm. |
| H | 16.746 x 31.382 | = | 525.529 sqm. |
| I | 16.757 x 22.930 | = | 385.317 sqm. |
| J | 20.944 x 13.154 | = | 314.542 sqm. |
| K | 24.154 x 13.161 | = | 325.744 sqm. |
| L | 15.605 x 15.605 x .5 | = | 121.758 sqm. |
| M | 13.490 x 13.605 | = | 183.550 sqm. |
| N | 25.063 x 29.055 x .5 | = | 422.968 sqm. |
| O | 24.840 x 24.840 x .5 | = | 308.758 sqm. |
| | | TOTAL = | 5,355.929 sqm. |
| LESS | 6.317 x 5.317 | = | 33.172 sqm. |
| | | = | 5,321.757 sqm. |
| | | | (15.22%) |

CAR PARKING AREA REQUIRED :–
6,711.655/100 = 67.11 Nos
Say = 68 Nos.
FOR HANDICAPPED = 2 Nos.
TOTAL = 70 Nos.

CAR PARKING AREA PROPOSED –

| | | | |
|---|---|---|---|
| P1 – | 7.644 x 12.000 = | 91.728 | sqm. |
| P2 – | 12.000 x 7.644 = | 91.728 | sqm. |
| P3 – | 24.275 x 10.220 = | 354.633 | sqm. |
| P4 – | 19.438 x 16.049 = | 312.011 | sqm. |
| P5 – | 9.112 x 16.188 = | 147.514 | sqm. |
| P6 – | 11.198 x 14.681 = | 164.367 | sqm. |
| P7 – | 13.261 x 13.150 = | 174.413 | sqm. |
| P8 – | 8.487 x 14.400 = | 122.256 | sqm. |
| P9 – | 8.487 x 14.000 = | 118.818 | sqm. |
| | | 1,610.159 | sqm. / 23.00 = 70 Nos. |

RESIDENTIAL AREA :-

| | | |
|---|---|---|
| PRINCIPAL'S RESIDENCE | – | 205.957 sqm. |
| LECTURER'S RESIDENCE | – | 342.571 sqm. |
| | | 548.528 sqm. |
| | | (36 % OF PROPOSED F.A.R.) |

LENGTH OF BOUNDARY WALL :–

| | | |
|---|---|---|
| A to B | = | 67.295 m. |
| B to C | = | 76.725 m. |
| C to D | = | 18.945 m. |
| D to E | = | 194.405 m. |
| E to F | = | 177.588 m. |
| F to G | = | 140.945 m |
| G to H | = | 35.898 m. |
| H to A | = | 105.538 m. |
| TOTAL | = | 823.340 m. (2707'–10") |

HEIGHT OF BOUNDARY WALL :–

| | |
|---|---|
| A to B = | 3'–0" RAILING ON 3'–0" HIGH BRICK WALL. |
| B to C = | 6'–0" HIGH BRICK WALL. |
| C to D = | 6'–0" HIGH BRICK WALL. |
| D to E = | 6'–0" HIGH BRICK WALL. |
| E to F = | 6'–0" HIGH BRICK WALL. |
| F to G = | 3'–0" RAILING ON 3'–0" HIGHT BRICK WALL |
| G to H = | 6'–0" HIGH BRICK WALL. |
| H to A = | 6'–0" HIGH BRICK WALL |

| BUILDING NO. | NAME OF THE BUILDING | GROUND COVERAGE 1 | BUILT UP AREA OF GROUND FLOOR 2 | BUILT UP AREA OF 2nd FLOOR 3 | BUILT UP AREA OF 3rd FLOOR 4 | BUILT UP AREA OF BASEMENT 5 | TOTAL FAA (1+2+3+4+5) |
|---|---|---|---|---|---|---|---|
| 1. | COLLEGE BLDG | 2,565.991 | 1,636.916 | 2,152.155 | 0.000 | 96.593 | 6,711.655 |
| 2 | STUDENT'S HOSTEL BLDG. | 2,050.570 | 1,673.594 | 1,643.132 | 1,382.746 | 71.044 | 7,011.476 |
| 3. | STUDENT'S CENTRE BLDG. | 187.787 | 167.613 | 0.000 | 0.000 | 18.368 | 374.769 |
| 4. | PRINCIPAL'S RESIDENCE | 114.601 | 80.728 | 0.000 | 0.000 | 10.628 | 205.957 |
| 5. | LECTURER'S RESIDENCE | 227.476 | 203.847 | 0.000 | 0.000 | 11.271 | 443.294 |
| 6. | SERVICE BLDG. | 70.925 | 61.319 | 0.000 | 0.000 | 0.000 | 132.244 |
| 7. | SECURITY POST & H.T. METER ROOM | 17.048 | 0.000 | 0.000 | 0.000 | 0.000 | 17.048 |
| 8 | U.G. TANK | 84.627 | 0.000 | 0.000 | 0.000 | 0.000 | 84.627 |
| | TOTAL | 5,329.135 (15.14%) | | | | | 14,981.072 (42.06) |

NOTE :–

1. ALL LEVELS SHOWN IN BUILDING PROFILE, ARE TERRACE TOP LEVEL. CONSIDERING GROUND LEVEL AS ± 000
2. SEWERAGE AND WATER SUPPLY SERVICES TO BE PROVIDED BY M.E.S. AND CONNECTED TO TO CANTONMENT EXISTING MAIN LINES.
3. 40'–0" WIDE APPROACH ROAD FROM PHAGWARA ROAD, TO BE PROVIDED BY M.E.S. FROM WITHIN CANTONMENT LAND IN MILITARY HOSPITAL RESIDENTIAL AREA.
4. ELECTRICAL SUPPLY TO BE PROVIDED BY M.E.S. AND CONNECTED TO CANTONMENT EXISTING SUPPLY LINES.

OWNER'S SIGNATURE | ARCHITECT'S SIGNATURE

DRAWING TITLE

# SITE PLAN

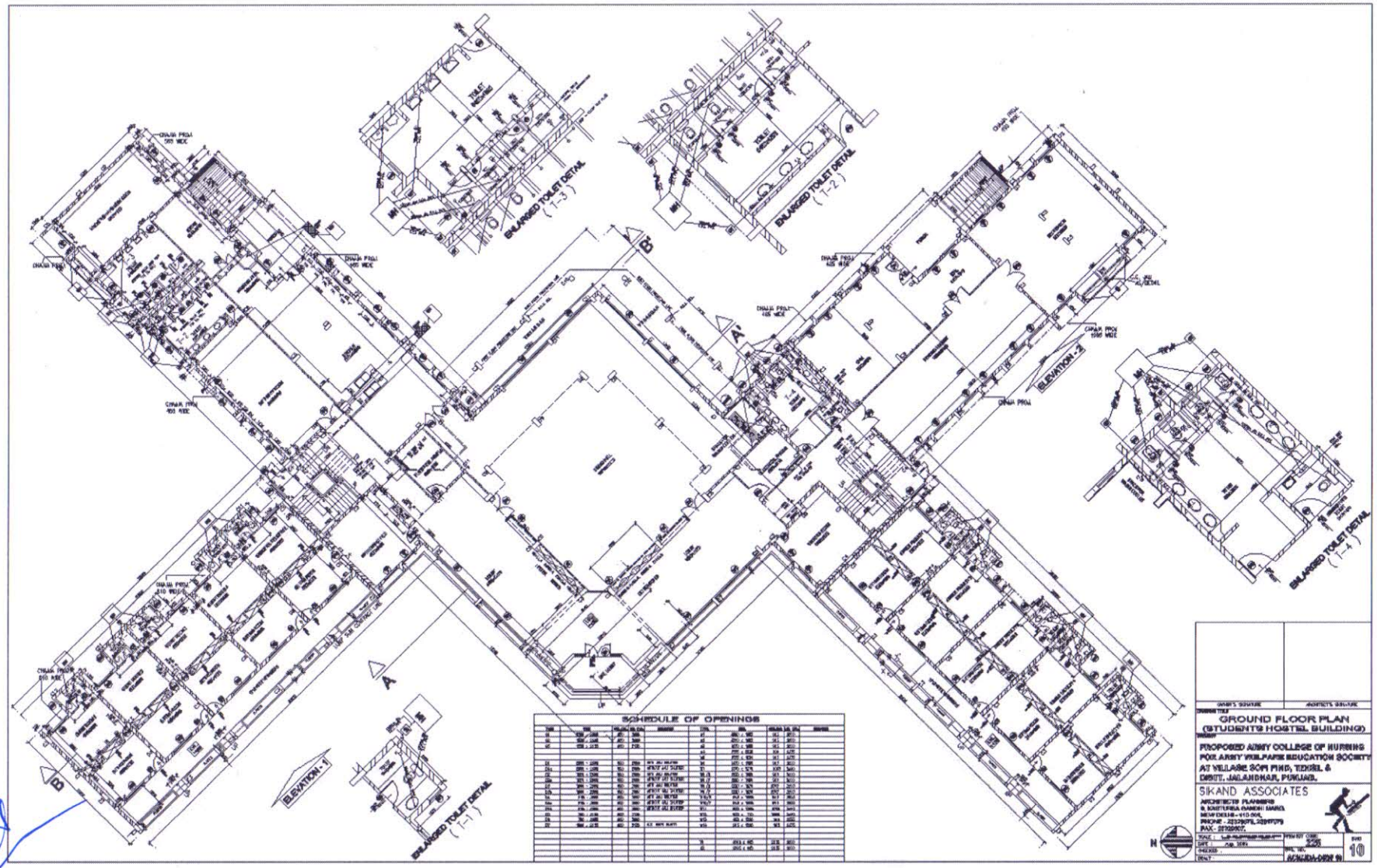
PROJECT

**PROPOSED ARMY COLLEGE OF NURSING FOR ARMY WELFARE EDUCATION SOCIETY AT VILLAGE SOFI PIND, TEHSIL & DISTT. JALANDHAR, PUNJAB.**


SIKAND ASSOCIATES
ARCHITECTS PLANNERS
8, KASTURBA GANDHI MARG,
NEW DELHI - 110 001,
PHONE - 23329879, 23317079
FAX - 23329807.


SCALE : 1:500 | PROJECT CODE: 225 | S.NO. 01
DATE : July 2008
CHECKED :
DRAWN :
DRG. NO.: ACN/JDA-DRW 01

M Maheswary
Principal
Army College of Nursing
Jalandhar Cantt

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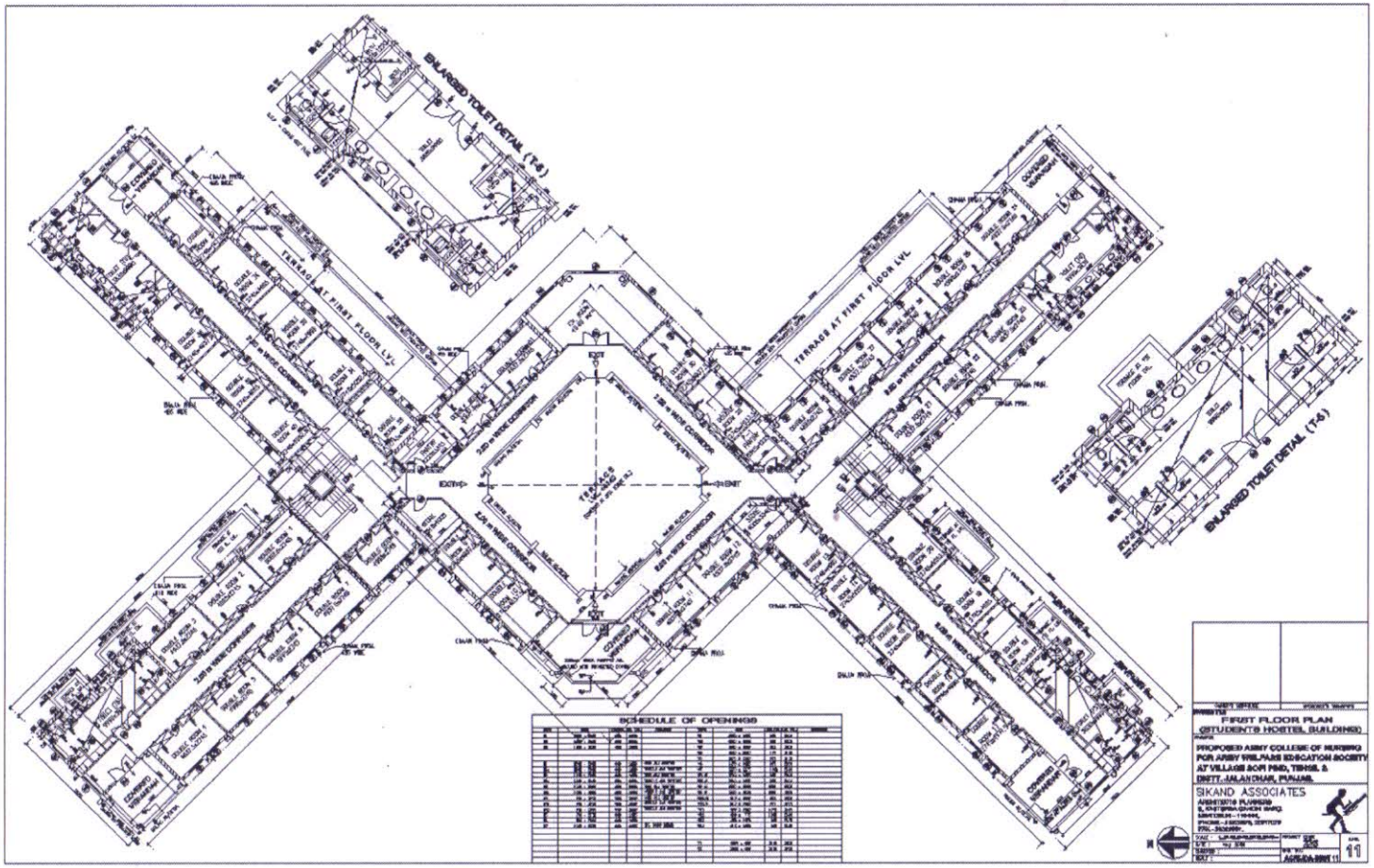


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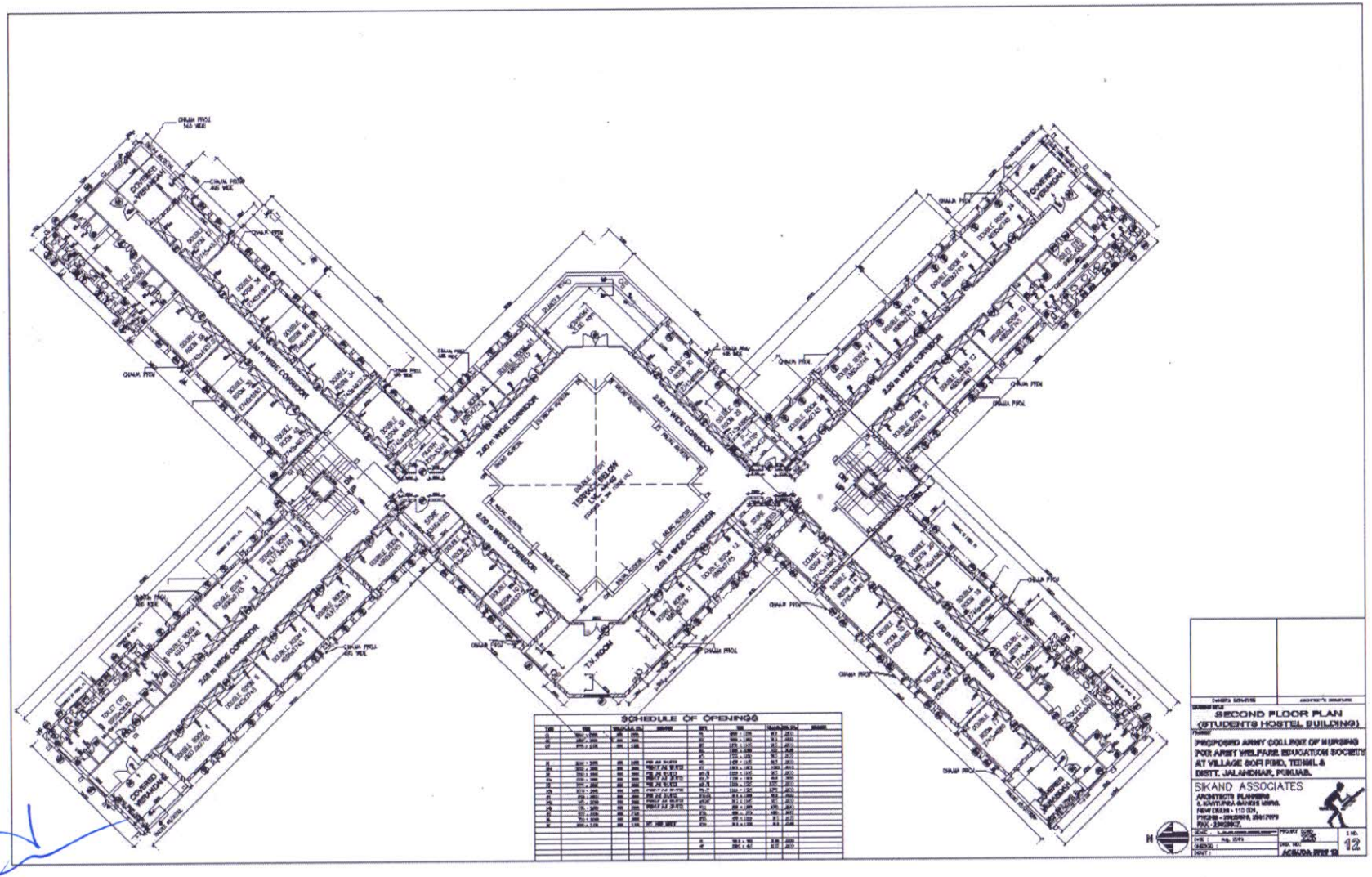


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