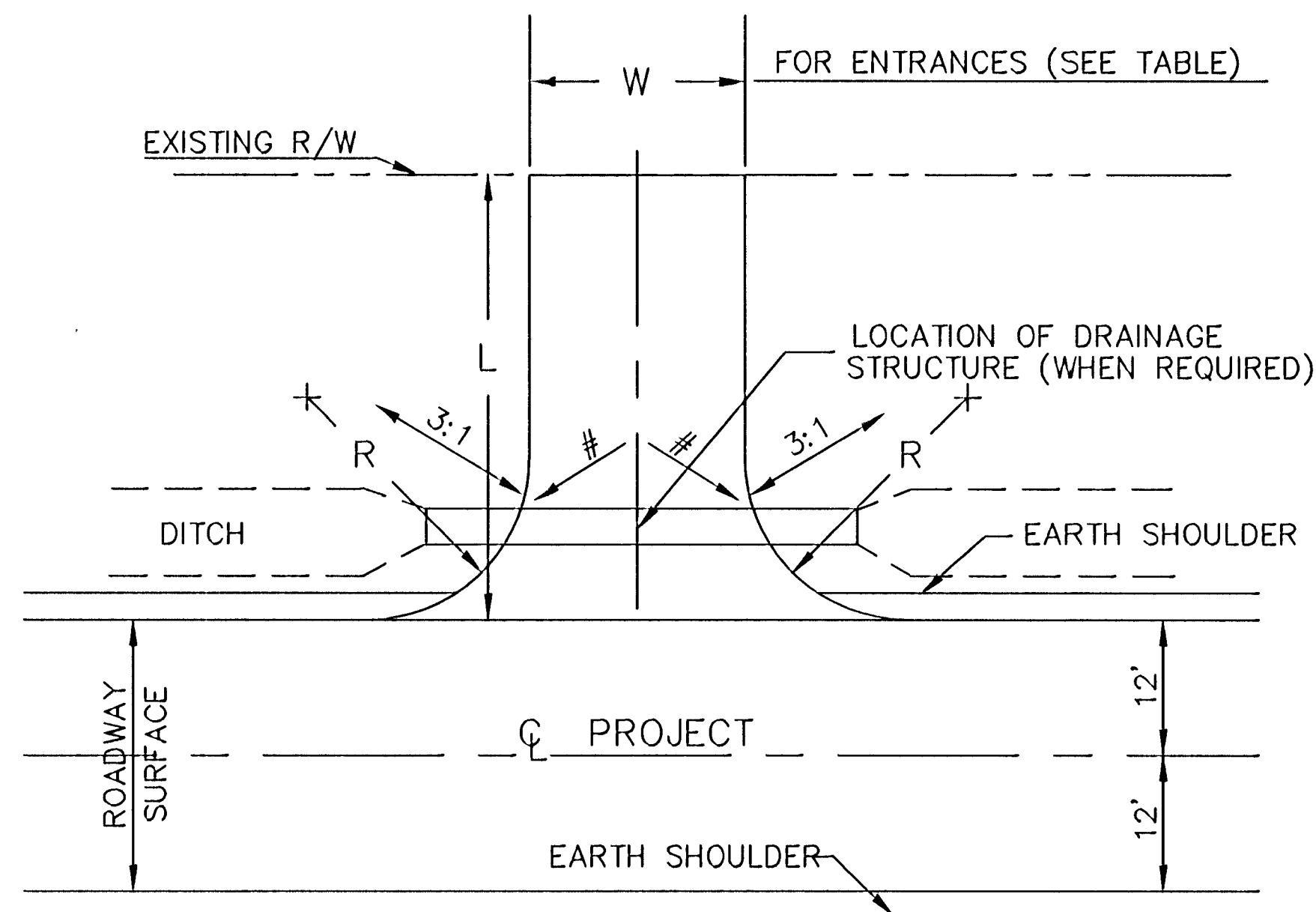
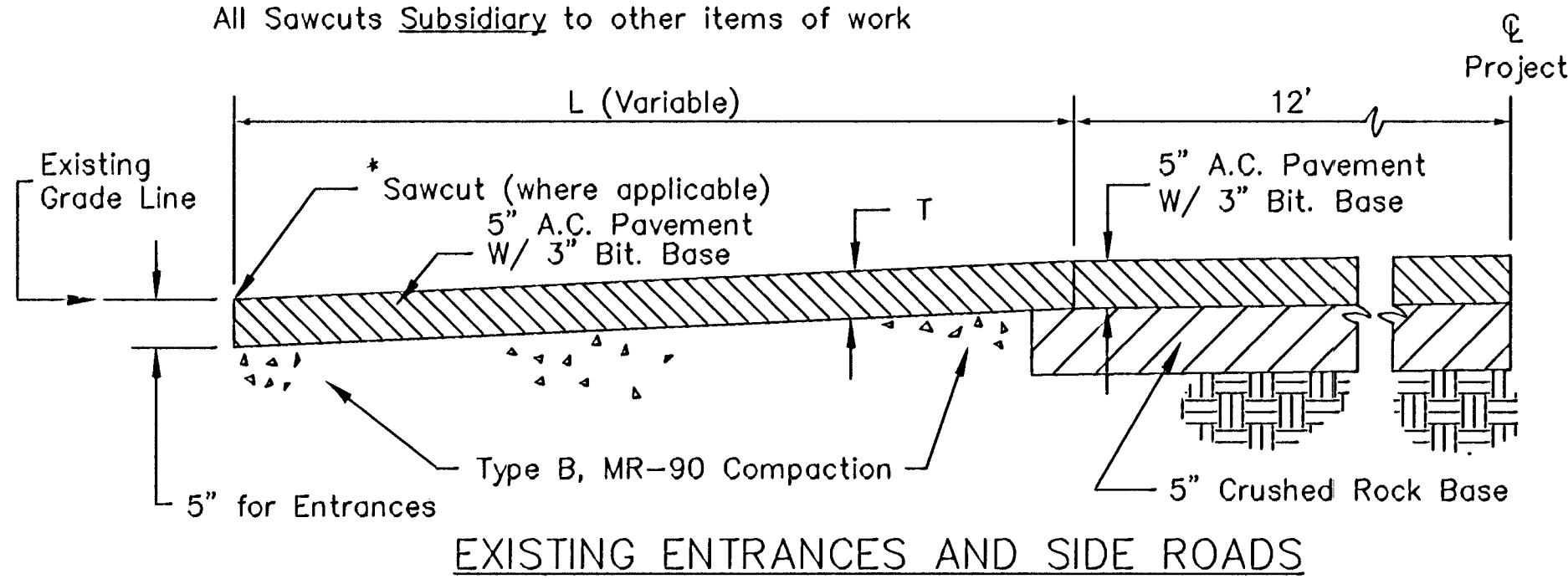




TYPICAL FOR SIDE ROAD AND ENTRANCE SURFACING

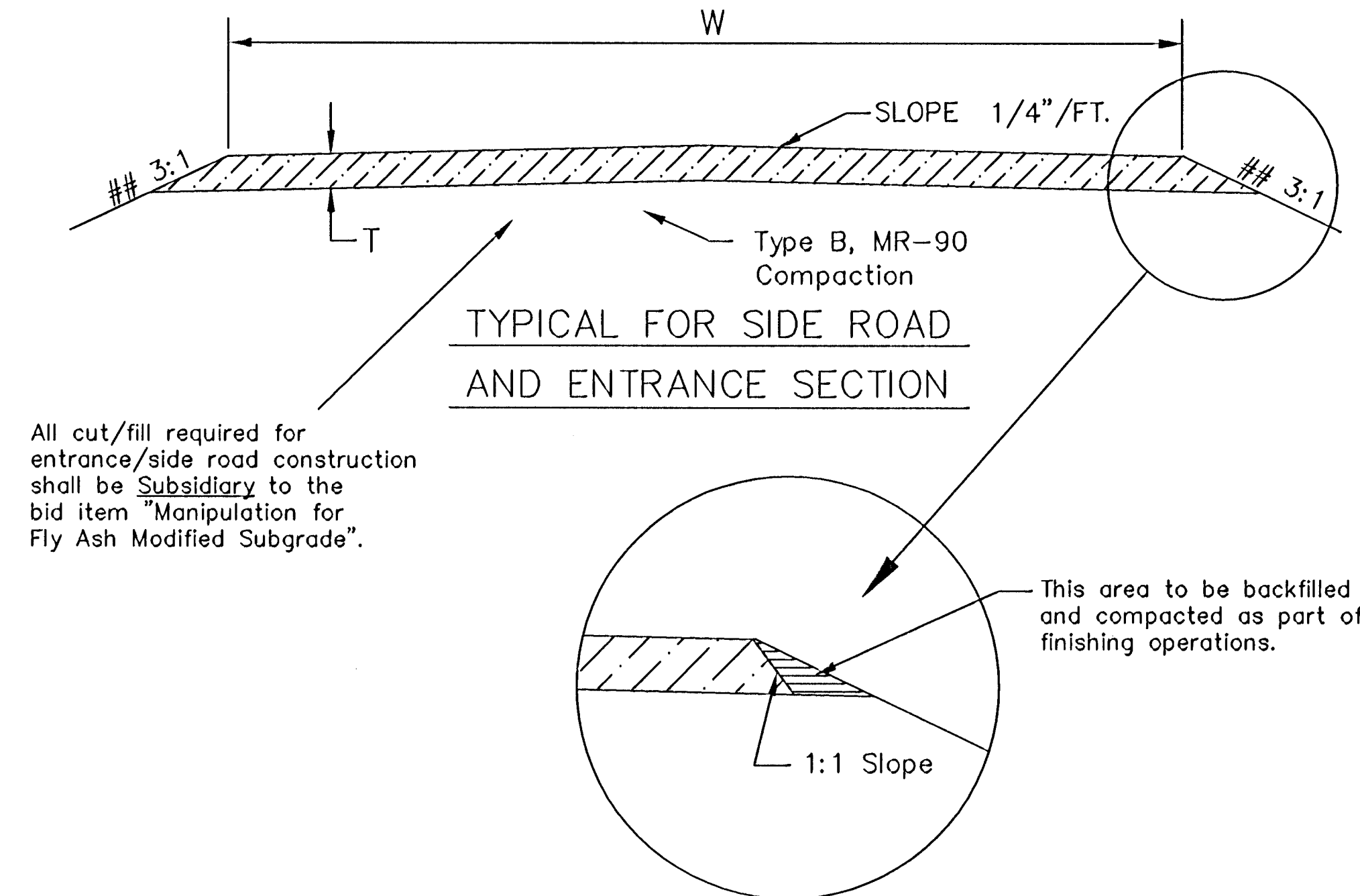
# On Side Roads and Entrances which slope toward the Street, a low point approx. 6" deep shall be constructed to divert surface drainage into the Street Ditch.

\* All Sawcuts Subsidiary to other items of work



| STATION      | SIDE  | L (FT.) | W (FT.) | T (IN.) | RAD. (FT.) | TYPE  | AREA (SQ. YDS.) | DESCRIPTION           |
|--------------|-------|---------|---------|---------|------------|-------|-----------------|-----------------------|
| 0+37.18      | LEFT  | 59.00   | 20.00   | 5.00    | 10.00      | HOUSE | 135             | ?                     |
| 0+83.05      | LEFT  | 14.75   | 32.00   | 5.00    | 10.00      | HOUSE | 56.8            | 12450 W. LYNNDALE ST. |
| 1+19.01      | RIGHT | 20.80   | 18.00   | 5.00    | 5.00       | HOUSE | 42.8            | 12443 W. LYNNDALE ST. |
| 1+35.38      | LEFT  | 13.00   | 18.00   | 5.00    | 5.00       | HOUSE | 31.05           | 12440 W. LYNNDALE ST. |
| 2+25.70      | RIGHT | 19.90   | 18.00   | 5.00    | 5.00       | HOUSE | 41              | 12421 W. LYNNDALE ST. |
| 3+42.04      | RIGHT | 19.08   | 35.00   | 5.00    | 0.00       | HOUSE | 74.2            | 12401 W. LYNNDALE ST. |
| 3+62.02      | LEFT  | 16.80   | 44.00   | 5.00    | 10.00      | HOUSE | 86.9            | 12328 W. LYNNDALE ST. |
| 4+77.37      | RIGHT | 17.84   | 18.00   | 5.00    | 5.00       | HOUSE | 36.88           | 12335 W. LYNNDALE ST. |
| 5+42.59      | LEFT  | 17.09   | 18.00   | 5.00    | 10.00      | HOUSE | 38.94           | ? W. LYNNDALE ST.     |
| 9+07.93      | RIGHT | 17.61   | 20.00   | 5.00    | 5.00       | HOUSE | 40.32           | 12325 W. LYNNDALE ST. |
| 7+84.18      | RIGHT | 17.85   | 44.00   | 5.00    | 0.00       | HOUSE | 95.3            | 12301 W. LYNNDALE ST. |
| 8+94.25      | LEFT  | 22.33   | 20.00   | 5.00    | 10.00      | HOUSE | 54.38           | ? W. LYNNDALE ST.     |
| 10+31.58     | RIGHT | 18.00   | 22.00   | 5.00    | 5.00       | HOUSE | 45.18           | 12135 W. LYNNDALE ST. |
| 10+24.50     | LEFT  | 16.83   | 18.00   | 5.00    | 10.00      | HOUSE | 40.77           | ? W. LYNNDALE ST.     |
| 10+91.87     | LEFT  | 18.00   | 10.00   | 5.00    | 10.00      | HOUSE | 24.77           | ? W. LYNNDALE ST.     |
| 11+34.99     | RIGHT | 18.00   | 20.00   | 5.00    | 10.00      | HOUSE | 44.76           | 12129 W. LYNNDALE ST. |
| 11+39.29     | LEFT  | 18.00   | 20.00   | 5.00    | 10.00      | HOUSE | 44.76           | ? W. LYNNDALE ST.     |
| 13+20.42     | RIGHT | 13.00   | 16.00   | 5.00    | 5.00       | HOUSE | 24.27           | ? W. LYNNDALE ST.     |
| 13+24.08     | LEFT  | 18.54   | 18.00   | 5.00    | 10.00      | HOUSE | 41.84           | 12106 W. LYNNDALE ST. |
| 14+34.53     | RIGHT | 17.54   | 20.00   | 5.00    | 10.00      | HOUSE | 43.74           | 12025 W. LYNNDALE ST. |
| 14+48.70     | LEFT  | 18.16   | 18.00   | 5.00    | 10.00      | HOUSE | 41.1            | ? W. LYNNDALE ST.     |
| 15+53.19     | LEFT  | 18.07   | 23.92   | 5.00    | 10.00      | HOUSE | 52.56           | ? W. LYNNDALE ST.     |
| 15+63.27     | RIGHT | 10.50   | 20.00   | 5.00    | 10.00      | HOUSE | 28.1            | ? W. LYNNDALE ST.     |
| 16+15.08     | RIGHT | 19.28   | 18.00   | 5.00    | 10.00      | HOUSE | 46.25           | ? W. LYNNDALE ST.     |
| <b>TOTAL</b> |       |         |         |         |            |       | <b>1212.07</b>  |                       |

| STATION      | SIDE  | L (FT.) | W (FT.) | T (IN.) | RAD. (FT.) | TYPE  | AREA (SQ. YDS.) | DESCRIPTION        |
|--------------|-------|---------|---------|---------|------------|-------|-----------------|--------------------|
| 21+63.97     | LEFT  | 18.00   | 39.00   | 5.00    | 10.00      | HOUSE | 82.76           | 12422 RYING STREET |
| 21+71.75     | RIGHT | 19.42   | 41.00   | 5.00    | 10.00      | HOUSE | 93.22           | 12421 RYING STREET |
| 22+81.70     | LEFT  | 18.00   | 27.00   | 5.00    | 10.00      | HOUSE | 58.7            | 12412 RYING STREET |
| 22+89.97     | RIGHT | 17.38   | 34.00   | 5.00    | 10.00      | HOUSE | 70.42           | 12411 RYING STREET |
| 24+15.78     | RIGHT | 18.00   | 21.00   | 5.00    | 10.00      | HOUSE | 46.87           | 12401 RYING STREET |
| 24+43.32     | LEFT  | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE | 40.66           | 12400 RYING STREET |
| 25+07.44     | LEFT  | 19.00   | 28.00   | 5.00    | 10.00      | HOUSE | 64.26           | 12330 RYING STREET |
| 25+29.83     | RIGHT | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE | 40.5            | 12335 RYING STREET |
| 26+25.09     | LEFT  | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE | 40.92           | 12300 RYING STREET |
| 26+40.18     | RIGHT | 18.31   | 31.00   | 5.00    | 10.00      | HOUSE | 67.83           | 12321 RYING STREET |
| 28+05.44     | RIGHT | 18.00   | 24.00   | 5.00    | 10.00      | HOUSE | 47.38           | 1451 ROGERS LANE   |
| <b>TOTAL</b> |       |         |         |         |            |       | <b>653.72</b>   |                    |



All cut/fill required for entrance/side road construction shall be Subsidiary to the bid item "Manipulation of Fly Ash Modified Subgrade".

TYPICAL FOR SIDE ROAD AND ENTRANCE SECTION

This area to be backfilled and compacted as part of finishing operations.

| STATION      | SIDE  | L (FT.) | W (FT.) | T (IN.) | RAD. (FT.) | TYPE  | AREA (SQ. YDS.) | DESCRIPTION            |
|--------------|-------|---------|---------|---------|------------|-------|-----------------|------------------------|
| 30+89.04     | RIGHT | 19.70   | 18.00   | 5.00    | 10.00      | HOUSE | 43.9            | 1500 HORNECKER STREET  |
| 31+74.72     | LEFT  | 7.39    | 19.59   | 5.00    | 10.00      | HOUSE | 20.7            | ? WALKER AVENUE        |
| 32+01.83     | RIGHT | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE | 40.4            | 12419 WALKER AVENUE    |
| 32+89.99     | LEFT  | 17.62   | 34.00   | 5.00    | 10.00      | HOUSE | 71.3            | 12412 WALKER AVENUE    |
| 33+26.20     | RIGHT | 17.50   | 18.00   | 5.00    | 10.00      | HOUSE | 39.8            | 12411 WALKER AVENUE    |
| 34+02.93     | LEFT  | 2.00    | 18.00   | 5.00    | 0.00       | HOUSE | 4.0             | 12400 WALKER AVENUE    |
| 34+35.03     | RIGHT | 3.78    | 22.30   | 5.00    | 5.00       | HOUSE | 10.4            | 12401 WALKER AVENUE    |
| 35+01.97     | RIGHT | 2.58    | 24.30   | 5.00    | 0.00       | HOUSE | 6.9             | 12401 WALKER AVENUE    |
| 35+46.35     | RIGHT | 1.00    | 21.75   | 5.00    | 0.00       | HOUSE | 2.6             | 12331 WALKER AVENUE    |
| 35+61.40     | LEFT  | 18.25   | 25.00   | 5.00    | 5.00       | HOUSE | 55.4            | 12334 WALKER AVENUE    |
| 36+58.09     | RIGHT | 17.23   | 21.00   | 5.00    | 5.00       | HOUSE | 41.9            | 12321 WALKER AVENUE    |
| 36+75.75     | LEFT  | 20.69   | 18.00   | 5.00    | 10.00      | HOUSE | 45.0            | 12320 WALKER AVENUE    |
| 37+71.90     | RIGHT | 20.00   | 18.00   | 5.00    | 10.00      | HOUSE | 43.9            | 12301 WALKER AVENUE    |
| 39+49.31     | RIGHT | 21.64   | 18.00   | 5.00    | 10.00      | HOUSE | 48.1            | 12219 WALKER AVENUE    |
| 42+06.58     | RIGHT | 37.82   | 18.00   | 5.00    | 10.00      | HOUSE | 77.7            | 1500 S. WHEATRIDGE ST. |
| <b>TOTAL</b> |       |         |         |         |            |       | <b>552.0</b>    |                        |

| STATION      | SIDE  | L (FT.) | W (FT.) | T (IN.) | RAD. (FT.) | TYPE    | AREA (SQ. YDS.) | DESCRIPTION             |
|--------------|-------|---------|---------|---------|------------|---------|-----------------|-------------------------|
| 50+81.58     | LEFT  | 18.00   | 24.00   | 5.00    | 10.00      | COMPANY | 52.77           | 12506 W. KELLOGG        |
| 53+73.49     | RIGHT | 19.00   | 16.00   | 5.00    | 10.00      | HOUSE   | 39.24           | 1500 S. HORNECKER DRIVE |
| 54+36.95     | LEFT  | 18.00   | 16.00   | 5.00    | 10.00      | HOUSE   | 36.46           | 1511 S. HORNECKER DRIVE |
| 55+47.17     | LEFT  | 3.20    | 38.00   | 5.00    | 0.00       | HOUSE   | 14.44           | 1501 S. HORNECKER DRIVE |
| 56+66.28     | LEFT  | 18.00   | 36.00   | 5.00    | 10.00      | HOUSE   | 78.05           | 1475 S. HORNECKER DRIVE |
| 56+79.81     | RIGHT | 4.00    | 20.00   | 5.00    | 5.00       | HOUSE   | 10.22           | ? S. HORNECKER DRIVE    |
| 57+72.47     | LEFT  | 18.27   | 37.00   | 5.00    | 10.00      | HOUSE   | 79.88           | 1465 S. HORNECKER DRIVE |
| 58+28.09     | RIGHT | 2.00    | 18.00   | 5.00    | 0.00       | HOUSE   | 4.14            | 1454 S. HORNECKER DRIVE |
| 58+78.56     | LEFT  | 18.20   | 30.00   | 5.00    | 10.00      | HOUSE   | 65.42           | 1455 S. HORNECKER DRIVE |
| 58+99.06     | RIGHT | 3.13    | 44.00   | 5.00    | 10.00      | HOUSE   | 15.3            | 1454 S. HORNECKER DRIVE |
| 59+83.96     | LEFT  | 4.15    | 22.15   | 5.00    | 5.00       | HOUSE   | 11.33           | 1443 S. HORNECKER DRIVE |
| 60+57.82     | RIGHT | 1.77    | 29.00   | 5.00    | 0.00       | HOUSE   | 5.7             | 1430 S. HORNECKER DRIVE |
| 61+01.29     | LEFT  | 3.00    | 32.00   | 5.00    | 0.00       | HOUSE   | 10.67           | 1433 S. HORNECKER DRIVE |
| 62+06.48     | LEFT  | 18.00   | 17.00   | 5.00    | 10.00      | HOUSE   | 38.77           | ? S. HORNECKER DRIVE    |
| 62+55.60     | LEFT  | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE   | 40.77           | 1401 S. HORNECKER DRIVE |
| <b>TOTAL</b> |       |         |         |         |            |         | <b>503.2</b>    |                         |

| STATION      | SIDE  | L (FT.) | W (FT.) | T (IN.) | RAD. (FT.) | TYPE   | AREA (SQ. YDS.) | DESCRIPTION           |
|--------------|-------|---------|---------|---------|------------|--------|-----------------|-----------------------|
| 70+58.37     | LEFT  | 18.00   | 21.75   | 5.00    | 10.00      | HOUSE  | 48.6            | 1471 ROGERS LANE      |
| 70+70.04     | RIGHT | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE  | 40.5            | 1470 ROGERS LANE      |
| 72+72.28     | RIGHT | 17.62   | 17.00   | 5.00    | 10.00      | HOUSE  | 38.1            | 1450 ROGERS LANE      |
| 74+05.25     | RIGHT | 17.14   | 17.00   | 5.00    | 10.00      | HOUSE  | 37.9            | 1444 ROGERS LANE      |
| 74+84.22     | LEFT  | 19.00   | 20.00   | 5.00    | 10.00      | HOUSE  | 46.1            | 1431 ROGERS LANE      |
| 75+38.20     | RIGHT | 11.00   | 21.00   | 5.00    | 10.00      | HOUSE  | 30.4            | 1430 ROGERS LANE      |
| 78+32.52     | LEFT  | 7.30    | 15.00   | 5.00    | 5.00       | HOUSE  | 13.6            | 12301 W. LYNNDALE ST. |
| 78+80+00     | RIGHT | 18.00   | 20.00   | 5.00    | 10.00      | GARAGE | 44.8            | 1400 ROGERS LANE      |
| 77+15.68     | RIGHT | 18.00   | 18.00   | 5.00    | 5.00       | HOUSE  | 33.0            | 1400 ROGERS LANE      |
| <b>TOTAL</b> |       |         |         |         |            |        | <b>337.9</b>    |                       |

| STATION      | SIDE  | L (FT.) | W (FT.) | T (IN.) | RAD. (FT.) | TYPE   | AREA (SQ. YDS.) | DESCRIPTION            |
|--------------|-------|---------|---------|---------|------------|--------|-----------------|------------------------|
| 79+64.17     | RIGHT | 32.67   | 24.00   | 5.00    | 10.00      | HOUSE  | 80.2            | 1460 S. WHEATRIDGE ST. |
| 80+37.93     | LEFT  | 18.31   | 25.31   | 5.00    | 10.00      | HOUSE  | 55.1            | ? S. WHEATRIDGE ST.    |
| 80+97.48     | RIGHT | 19.69   | 18.00   | 5.00    | 10.00      | HOUSE  | 44.2            | 1470 S. WHEATRIDGE ST. |
| 31+56.08     | RIGHT | 6.91    | 24.00   | 5.00    | 5.00       | HOUSE  | 19.6            | 1460 S. WHEATRIDGE ST. |
| 32+15.19     | LEFT  | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE  | 41.0            | 1461 S. WHEATRIDGE ST. |
| 32+97.53     | RIGHT | 18.00   | 17.00   | 5.00    | 5.00       | HOUSE  | 35.2            | 1448 S. WHEATRIDGE ST. |
| 33+30.47     | LEFT  | 18.62   | 18.00   | 5.00    | 10.00      | HOUSE  | 42.0            | ? S. WHEATRIDGE ST.    |
| 33+81.23     | LEFT  | 18.00   | 10.00   | 5.00    | 10.00      | GARAGE | 24.8            | ? S. WHEATRIDGE ST.    |
| 34+08.15     | RIGHT | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE  | 40.8            | 1426 S. WHEATRIDGE ST. |
| 34+84.00     | LEFT  | 18.00   | 18.00   | 5.00    | 10.00      | HOUSE  | 40.4            | 1431 S. WHEATRIDGE ST. |
| 34+99.29     | RIGHT | 18.00   | 20.00   | 5.00    | 10.00      | HOUSE  | 44.8            | 1424 S. WHEATRIDGE ST. |
| 35+81.71     | LEFT  | 18.00   | 24.00   | 5.00    | 10.00      | HOUSE  | 51.2            | 12129 W. LYNNDALE ST.  |
| <b>TOTAL</b> |       |         |         |         |            |        | <b>519.2</b>    |                        |

| LOCATION         | MAINLINE 5" ASPHALT SQ. YDS. | ENTRANCES 5" ASPHALT SQ. YDS. | 5" CRUSHED ROCK BASE SQ. YDS. | EXCAVATION CU. YDS. | COMPACTED FILL CU. YDS. |
|------------------|------------------------------|-------------------------------|-------------------------------|---------------------|-------------------------|
| LYNNDALE STREET  | 4,691.0                      | 1,212.1                       | 5,082.4                       | 787.9               | 81.2                    |
| IRVING STREET    | 2,341.7                      | 653.7                         | 2,533.0                       | 279.5               | 43.0                    |
| WALKER AVENUE    | 3,323.7                      | 552.0                         | 3,800.3                       | 487.2               | 68.2                    |
| HORNECKER DRIVE  | 3,598.1                      | 503.2                         | 3,898.0                       | 519.3               | 48.5                    |
| ROGERS LANE      | 2,182.8                      | 337.9                         | 2,359.9                       | 297.8               | 37.5                    |
| WHEATRIDGE DRIVE | 2,658.0                      | 519.2                         | 2,876.1                       | 341.1               | 37.4                    |
| <b>TOTAL</b>     | <b>18,795.2</b>              | <b>3,778.1</b>                | <b>20,329.6</b>               | <b>2,692.8</b>      | <b>315.8</b>            |

| LOCATION         | STATION  | LT./RT./CTR. | SIZE / TYPE             | LENGTH | END SECTION |
|------------------|----------|--------------|-------------------------|--------|-------------|
| LYNNDALE STREET  | 0+21.40  | 16.50 RT.    | 57"x38" CMAC            | 5.0    | 0           |
| LYNNDALE STREET  | 17+24.40 | 15.13 RT.    | 24" CMP                 | 5.0    | 0           |
| IRVING STREET    | 20+22.00 | 15.3 LT.     | 42"x29" CMAC W/30" BEND | 8.0    | 1           |
| IRVING STREET    | 20+22.00 | 15.3 RT.     | 42"x29" CMAC W/30" BEND | 11.0   | 1           |
| WALKER AVENUE    | 30+23.00 | 21.4 LT.     | 24" CMP W/30" BEND      | 3.0    | 1           |
| WALKER AVENUE    | 30+23.00 | 19.15 RT.    | 24" CMP W/30" BEND      | 3.0    | 1           |
| ROGERS LANE      | 77+87.00 | 22.0 LT.     | 36"x30" CMAC W/30" BEND | 2.0    | 1           |
| ROGERS LANE      | 77+87.00 | 19.36 RT.    | 36"x30" CMAC W/30" BEND | 4.0    | 1           |
| WHEATRIDGE DRIVE | 87+41.00 | 12.9 LT.     | 15" CMP W/ 45" BEND     | 10.0   | 1           |
| WHEATRIDGE DRIVE | 87+41.00 | 17.0 RT.     | 15" CMP W/ 30" BEND     | 8.0    | 1           |

| NEW DRIVEWAY PIPE IMPROVEMENTS |               |              |              |        |                               |
|--------------------------------|---------------|--------------|--------------|--------|-------------------------------|
| LOCATION                       | STATION       | LT./RT./CTR. | SIZE / TYPE  | LENGTH | EXISTING PIPE REMOVED         |
| LYNNDALE STREET                | 4+77.37       | 17.5 RT.     | 30" CMAC     | 25.0   | 20 L.F. 30"x24" CMAC          |
| LYNNDALE STREET                | 5+42.59       | 20.5 LT.     | 12" CMP      | 22.0   | 21 L.F. 12" CMP               |
| LYNNDALE STREET                | 8+94.25       | 19.5 LT.     | 12" CMP      | 25.0   | 5.5 L.F. 12" CMP              |
| LYNNDALE STREET                | 13+24.08      | 20.0 LT.     | 12" CMP      | 24.0   | 24 L.F. 10" CMP               |
| LYNNDALE STREET                | 14+48.70      | 19.5 LT.     | 12" CMP      | 24.0   | 24 L.F. 9" CLAY               |
| LYNNDALE STREET                | 15+53.19      | 19.5 LT.     | 12" CMP      | 28.0   | NA                            |
| IRVING STREET                  | 22+81.70      | 21.5 LT.     | 18"x12" CMAC | 32.0   | 31.5 L.F. 18"x12" CMAC        |
| IRVING STREET                  | 26+25.09      | 22.0 LT.     | 12" CMP      | 23.0   | 21 L.F. 12" CMP               |
| WALKER AVENUE                  | 37+71.90      | 22.5 RT.     | 12" CMP      | 25.0   | 20.5 L.F. 12" CMP             |
| HORNECKER DRIVE                | 54+36.95      | 19.5 LT.     | 15" CMP      | 20.0   | NA                            |
| HORNECKER DRIVE                | 56+66.28      | 22.5 LT.     | 15" CMP      | 40.0   | 39 L.F. 15" CMP               |
| HORNECKER DRIVE                | 57+72.47      | 24.0 LT.     | 15" CMP      | 41.0   | 41 L.F. 15" CMP               |
| HORNECKER DRIVE                | 58+78.86      | 22.3 LT.     | 15" CMP      | 36.0   | 35 L.F. 12" CMP               |
| ROGERS LANE                    | Approx. 76+80 | 20.0 RT.     | 18" CMP      | 22.0   | NA                            |
| WHEATRIDGE DRIVE               | 82+15.19      | 22.0 LT.     | 15" CMP      | 32.0   | 20 L.F. 15" CMP               |
|                                |               |              |              |        | TOTAL PIPE REMOVED=322.5 L.F. |