REVISED ON 7/02




SECTION A-A

CONCRETE TO BE CLASS A3

indicates channel where wire mesh reinforcement is not required

| SQUARE YARDS PER LIN. FT. OF PAVED CHANNEL |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CONC. THICK- | D | w |  |  |  |  |  |  |  |  |  |
| NESS |  | $1^{\prime}$ | 2' | $3 '$ | 4' | 5 | 6 | $7{ }^{\prime}$ | 8 | $9 '$ | 10' | 1:1 SIDE SLOPES

4" $\square$


6" | $6^{\prime}$ | 1.997 | 2.108 | 2.219 | 2.330 | 2.441 | 2.552 | 2.663 | 2.774 | 2.886 | 2.997 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $7^{\prime}$ | 23.11 | 2.422 | 2.533 | 2.644 | 2.755 | 2.866 | 2.977 | 3.089 | 3.200 | 3.311 |
| $8^{\prime}$ | 2.625 | 2.736 | 2.848 | 2.959 | 3.070 | 3.181 | 3.292 | 3.403 | 3.514 | 3.625 |
| $9^{\prime}$ | 2.940 | 3.051 | 3.162 | 3.273 | 3.384 | 3.495 | 3.606 | 3.717 | 3.828 | 3.939 |
| $'^{\prime}$ | 3.254 | 3.36 | 3.46 | 3.587 | 3.69 | 3.8 | 3.920 |  |  | 4.032 |

|  | $10^{\prime}$ | 3.254 | 3.365 | 3.476 | 3.587 | 3.698 | 3.809 | 3.920 | 4.032 | 4.143 | 4.254 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.5:1 SIDE SLOPES |  |  |  |  |  |  |  |  |  |  |  |
| 4" | $1{ }^{\prime}$ | 0.512 | 0.623 | 0.734 | 0.845 | 0.956 | 1.067 | 1.178 | 1.290 | 1.401 | 1.512 |
|  | 2' | 0.912 | 1.023 | 1.135 | 1.246 | 1.357 | 1.468 | 1.579 | 1.690 | 1.801 | 1.912 |
|  | 31 | 1.313 | 1.424 | 1.535 | 1.646 | 1.757 | 1.869 | 1.980 | 2.091 | 2.202 | 2.313 |
|  | $4^{\prime}$ | 1.714 | 1.825 | 1.936 | 2.047 | 2.158 | 2.269 | 2.380 | 2.491 | 2.602 | 2.714 |
| $6 "$ | 5' | 2.114 | 2.225 | 2.336 | 2.448 | 2.559 | 2.670 | 2.781 | 2.892 | 3.003 | 3.114 |
|  | 6 | 2.515 | 2.626 | 2.737 | 2.848 | 2.959 | 3.070 | 3.181 | 3.293 | 3.404 | 3.515 |
|  | $7{ }^{\prime}$ | 2.915 | 3.027 | 3.138 | 3.249 | 3.360 | 3.471 | 3.582 | 3.693 | 3.804 | 3.915 |
|  | 8' | 3.316 | 3.427 | 3.538 | 3.649 | 3.760 | 3.872 | 3.983 | 4.094 | 4.205 | 4.316 |
|  | 9' | 3.717 | 3.828 | 3.939 | 4.050 | 4.161 | 4.272 | 4.383 | 4.494 | 4.606 | 4.717 |
|  | $10^{\prime}$ | 4.117 | 4.228 | 4.340 | 4.451 | 4.562 | 4.673 | 4.784 | 4.895 | 5.006 | 5.117 |
| 2:1 SIDE SLOPES |  |  |  |  |  |  |  |  |  |  |  |
| 4" | $1{ }^{\prime}$ | 0.608 | 0.719 | 0.830 | 0.941 | 1.052 | 1.164 | 1.275 | 1.386 | 1.497 | 1.608 |
|  | $2^{\prime}$ | 1.105 | 1.216 | 1.327 | 1.438 | 1.549 | 1.660 | 1.772 | 1.883 | 1.994 | 2.105 |
|  | 31 | 1,602 | 1.713 | 1.824 | 1.935 | 2.046 | 2.157 | 2.268 | 2.380 | 2.491 | 2.602 |
|  | 4' | 2.099 | 2.210 | 2.321 | 2.432 | 2.543 | 2.654 | 2.765 | 2.876 | 2.988 | 3.099 |
| $6{ }^{\prime \prime}$ | $5{ }^{\prime}$ | 2.596 | 2.707 | 2.818 | 2.929 | 3.040 | 3.151 | 3.262 | 3.373 | 3.485 | 3.596 |
|  | $6^{\prime}$ | 3.093 | 3.204 | 3.315 | 3.426 | 3.537 | 3.648 | 3.759 | 3.870 | 3.981 | 4.093 |
|  | $7{ }^{\prime}$ | 3.589 | 3.701 | 3.812 | 3.923 | 4.034 | 4.145 | 4.256 | 4.367 | 4.478 | 4.589 |
|  | 8' | 4.086 | 4.197 | 4.309 | 4.420 | 4.531 | 4.642 | 4.753 | 4.864 | 4.975 | 5.086 |
|  | $9^{\prime}$ | 4.583 | 4.694 | 4.805 | 4.917 | 5.028 | 5.139 | 5.250 | 5.361 | 5.472 | 5.583 |
|  | $10^{\prime}$ | 5.080 | 5.191 | 5.302 | 5.413 | 5.525 | 5.636 | 5.747 | 5.858 | 5.969 | 6.080 |

NOTES:
DEPTH (D) AND WIDTH (W) TO BE AS SHOWN ON PLANS.
WEEP HOLES ARE TO BE PROVIDED ON ALL CHANNELS WHERE $W$ IS EQUAL TO OR GREATER THAN 4' AND D IS EQUAL TO OR GREATER THAN $2^{\prime}$.
WEEP HOLE WITH 12" X 12 "" PLASTIC HARDWARE CLOTH, $1^{\prime \prime \prime}$ MESH OR GALVANIZED STEEL
WIRE DIAMETER 0.03 INCH, NUMBER 4 MESH, HARDWARE CLOTH ANCHORED FIRMLY TO THE WIRE DIAMETER 0.03 INCH,
BOTTOM OF THE CHANNEL.

ELEVATION


## REVISED ON 7/02



