

| TABLE OF DEVELOPMENT AND LAP SPLICE LENGTH (IN INCHES) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|----------------------------|------------------------------------|---------------------------|------------------------|----------------------|------------------------|-----|------------------------|-----|------------------------------------|---------------------------|------------------------|-----|------------------------------------|-----|------------------------|-----|------------------------------------|---------------------------|------------------------|----|------------------------------------|-----|------------------------------------|-----|--|
| | COMPR | ESSION | | TENSION (f'c = 3,000 psi) | | | | | | | | TENSION (f'c = 4,000 psi) | | | | | | | | TENSION (f'c = 5,000 psi) | | | | | | | |
| BAR SIZE | EVELOPMENT LENGTH | STANDARD LAP SPLICE LENGTH | DEVELOPMENT LENGTH | | | LAP SPLICE LENGTH | | | DEVELOPMENT LENGTH | | | | LAP SPLICE LENGTH | | | | DEVELOPMENT LENGTH | | | | LAP SPLICE LENGTH | | | | | | |
| | | | OP BARS | | | THER BARS | OP BARS | | THER BARS | | OP BARS | | THER BARS | | OP BARS | | THER BARS | | OP BARS | | THER BARS | | OP BARS | | THER BARS | | |
| | | | CATEGORY CATEGORY SEE NOTE 1 | | CATEGORY SEE NOTE 1 | | CATEGORY SEE NOTE 1 | | CATEGORY SEE NOTE 1 | | CATEGORY CATEGORY SEE NOTE 1 | | CATEGORY SEE NOTE 1 | | CATEGORY CATEGORY SEE NOTE 1 | | CATEGORY SEE NOTE 1 | | CATEGORY CATEGORY SEE NOTE 1 | | CATEGORY SEE NOTE 1 | | CATEGORY CATEGORY SEE NOTE 1 | | CATEGORY CATEGORY SEE NOTE 1 | | |
| #3 | 8 | 12 | 22 | 32 | | 25 | 28 | 42 | 22 | 32 | 19 | 28 | 14 | 21 | 24 | 36 | 19 | 28 | 17 | 25 | 13 | 19 | 22 | 32 | 17 | 25 | |
| #4 | 11 | 15 | 29 | 43 | 22 | 33 | 37 | 56 | 29 | 4 3 | 25 | 37 | 19 | 28 | 36 | 48 | 25 | 37 | 22 | 33 | 17 | 25 | 29 | 43 | 22 | 33 | |
| #5 | 14 | 19 | 36 | 54 | 28 | 41 | 47 | 70 | 36 | 54 | 31 | 46 | 24 | 36 | 40 | 60 | 31 | 46 | 28 | 41 | 21 | 32 | 36 | 54 | 28 | 41 | |
| #6 | 17 | 23 | 43 | 64 | 33 | 50 | 56 | 84 | 43 | 64 | 37 | 55 | 28 | 43 | 48 | 72 | 37 | 55 | 33 | 50 | 25 | 38 | 43 | 65 | 33 | 50 | |
| #7 | 19 | 27 | 63 | 94 | 48 | 72 | 81 | 122 | 63 | 94 | 54 | 81 | 42 | 62 | 70 | 105 | 54 | 81 | 48 | 72 | 37 | 56 | 63 | 94 | 48 | 72 | |
| #8 | 22 | 30 | 72 | 107 | 55 | 82 | 93 | 139 | 72 | 107 | 62 | 92 | 47 | 71 | 80 | 120 | 62 | 92 | 55 | 83 | 42 | 64 | 72 | 108 | 55 | 83 | |
| #9 | 25 | 34 | 81 | 121 | 62 | 93 | 105 | 157 | 81 | 121 | 70 | 104 | 54 | 80 | 90 | 136 | 70 | 104 | 62 | 93 | 48 | 72 | 81 | 121 | 62 | 93 | |
| #10 | 28 | 39 | 91 | 136 | 70 | 105 | 118 | 177 | 91 | 136 | 78 | 117 | 60 | 90 | 102 | 153 | 78 | 117 | 70 | 105 | 54 | 81 | 91 | 137 | 70 | 105 | |
| #11 | 31 | 43 | 101 | 151 | 78 | 116 | 131 | 196 | 101 | 151 | 87 | 130 | 67 | 100 | 113 | 170 | 8 7 | 130 | 78 | 117 | 60 | 90 | 101 | 152 | 78 | 117 | |
| #14 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #18 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTATION USED ON DMG. | LCD | LCS | | LD | | | | LTS | | | | LD | | | | LTS | | | | LD | | | | LTS | | | |