

## Jumping (Horizontal):

Horizontal jumping is considered from a standing position. If a character is running, the distance will be doubled. For a four-legged creatures (like a cat or dog) the initial distance of a standstill will be doubled (running, it will be at three times the distance). The distance a character or biped creature can leap, vs. heights not listed, will be strictly up to the of the G.M.:

### Character's added Strength + Coordination

| <u>Height</u> | <u>10-20</u> | <u>21-30</u> | <u>31-40</u> | <u>41-50</u> | <u>51-60</u> | <u>61-70</u> | <u>71-80</u> | <u>81-90</u> | <u>91-100</u> | <u>101-110</u> | <u>111-120</u> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| 2'-6"+        | 2'-6"        | 2'-10"       | 3'-2"        | 3'-6"        | 3'-10"       | 4'-2"        | 4'-6"        | 4'-10"       | 5'-2"         | 5'-6"          | 5'-10"         |
| 3'-0"+        | 3'-0"        | 3'-4"        | 3'-8"        | 4'-0"        | 4'-4"        | 4'-8"        | 5'-0"        | 5'-4"        | 5'-8"         | 6'-0"          | 6'-4"          |
| 3'-6"+        | 3'-6"        | 3'-10"       | 4'-2"        | 4'-6"        | 4'-10"       | 5'-2"        | 5'-6"        | 5'-10"       | 6'-2"         | 6'-6"          | 6'-10"         |
| 4'-0"+        | 4'-0"        | 4'-4"        | 4'-8"        | 5'-0"        | 5'-4"        | 5'-8"        | 6'-0"        | 6'-4"        | 6'-8"         | 7'-0"          | 7'-4"          |
| 4'-6"+        | 4'-6"        | 4'-10"       | 5'-2"        | 5'-6"        | 5'-10"       | 6'-2"        | 6'-6"        | 6'-10"       | 7'-2"         | 7'-6"          | 7'-10"         |
| 5'-0"+        | 5'-0"        | 5'-4"        | 5'-8"        | 6'-0"        | 6'-4"        | 6'-8"        | 7'-0"        | 7'-4"        | 7'-8"         | 8'-0"          | 8'-4"          |
| 5'-6"+        | 5'-6"        | 5'-10"       | 6'-2"        | 6'-6"        | 6'-10"       | 7'-2"        | 7'-6"        | 7'-10"       | 8'-2"         | 8'-6"          | 8'-10"         |
| 6'-0"+        | 6'-0"        | 6'-4"        | 6'-8"        | 7'-0"        | 7'-4"        | 7'-8"        | 8'-0"        | 8'-4"        | 8'-8"         | 9'-0"          | 9'-4"          |
| 6'-6"+        | 6'-6"        | 6'-10"       | 7'-2"        | 7'-6"        | 7'-10"       | 8'-2"        | 8'-6"        | 8'-10"       | 9'-2"         | 9'-6"          | 9'-10"         |
| 7'-0"+        | 7'-0"        | 7'-4"        | 7'-8"        | 8'-0"        | 8'-4"        | 8'-8"        | 9'-0"        | 9'-4"        | 9'-8"         | 10'-0"         | 10'-4"         |
| 7'-6"+        | 7'-6"        | 7'-10"       | 8'-2"        | 8'-6"        | 8'-10"       | 9'-2"        | 9'-6"        | 9'-10"       | 10'-2"        | 10'-6"         | 10'-10"        |
| 8'-0"+        | 8'-0"        | 8'-4"        | 8'-8"        | 9'-0"        | 9'-4"        | 9'-8"        | 10'-0"       | 10'-4"       | 10'-8"        | 11'-0"         | 11'-4"         |
| 8'-6"+        | 8'-6"        | 8'-10"       | 9'-2"        | 9'-6"        | 9'-10"       | 10'-2"       | 10'-6"       | 10'-1"       | 11'-2"        | 11'-6"         | 11'-10"        |
| 9'-0"+        | 9'-0"        | 9'-4"        | 9'-8"        | 10'-0"       | 10'-4"       | 10'-8"       | 11'-0"       | 11'-4"       | 11'-8"        | 12'-0"         | 12'-4"         |
| 9'-6"+        | 9'-6"        | 9'-10"       | 10'-2"       | 10'-6"       | 10'-10"      | 11'-2"       | 11'-6"       | 11'-10"      | 12'-2"        | 12'-6"         | 12'-10"        |
| 10'-0"+       | 10'-0"       | 10'-4"       | 10'-8"       | 11'-0"       | 11'-4"       | 11'-8"       | 12'-0"       | 12'-4"       | 12'-8"        | 13'-0"         | 13'-4"         |
| 10'-6"+       | 10'-6"       | 10'-10"      | 11'-2"       | 11'-6"       | 11'-10"      | 12'-2"       | 12'-6"       | 12'-10"      | 13'-2"        | 13'-6"         | 13'-10"        |
| 11'-0"+       | 11'-0"       | 11'-4"       | 11'-8"       | 12'-0"       | 12'-4"       | 12'-8"       | 13'-0"       | 13'-4"       | 13'-8"        | 14'-0"         | 14'-4"         |

### Character's added Strength + Coordination

| <u>Height</u> | <u>10-20</u> | <u>21-30</u> | <u>31-40</u> | <u>41-50</u> | <u>51-60</u> | <u>61-70</u> | <u>71-80</u> | <u>81-90</u> | <u>91-100</u> | <u>101-110</u> | <u>111-120</u> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| 11'-6"+       | 11'-6"       | 11'-10"      | 12'-2"       | 12'-6"       | 12'-10"      | 13'-2"       | 13'-6"       | 13'-10"      | 14'-2"        | 14'-6"         | 14'-10"        |
| 12'-0"+       | 12'-0"       | 12'-4"       | 12'-8"       | 13'-0"       | 13'-4"       | 13'-8"       | 14'-0"       | 14'-4"       | 14'-8"        | 15'-0"         | 15'-4"         |
| 12'-6"+       | 12'-6"       | 12'-10"      | 13'-2"       | 13'-6"       | 13'-10"      | 14'-2"       | 14'-6"       | 14'-10"      | 15'-2"        | 15'-6"         | 15'-10"        |
| 13'-0"+       | 13'-0"       | 13'-4"       | 13'-8"       | 14'-0"       | 14'-4"       | 14'-8"       | 15'-0"       | 15'-4"       | 15'-8"        | 16'-0"         | 16'-4"         |
| 13'-6"+       | 13'-6"       | 13'-10"      | 14'-2"       | 14'-6"       | 14'-10"      | 15'-2"       | 15'-6"       | 15'-10"      | 16'-2"        | 16'-6"         | 16'-10"        |
| 14'-0"+       | 14'-0"       | 14'-4"       | 14'-8"       | 15'-0"       | 15'-4"       | 15'-8"       | 16'-0"       | 16'-4"       | 16'-8"        | 17'-0"         | 17'-4"         |
| 14'-6"+       | 4'-6"        | 14'-10"      | 15'-2"       | 15'-6"       | 15'-10"      | 16'-2"       | 16'-6"       | 16'-10"      | 17'-2"        | 17'-6"         | 17'-10"        |
| 15'-0"+       | 15'-0"       | 15'-4"       | 15'-8"       | 16'-0"       | 16'-4"       | 16'-8"       | 17'-0"       | 17'-4"       | 17'-8"        | 18'-0"         | 18'-4"         |
| 15'-6"+       | 15'-6"       | 15'-10"      | 16'-2"       | 16'-6"       | 16'-10"      | 17'-2"       | 17'-6"       | 17'-10"      | 18'-2"        | 18'-6"         | 18'-10"        |
| 16'-0"+       | 16'-0"       | 16'-4"       | 16'-8"       | 17'-0"       | 17'-4"       | 17'-8"       | 18'-0"       | 18'-4"       | 18'-8"        | 19'-0"         | 19'-4"         |
| 16'-6"+       | 16'-6"       | 16'-10"      | 17'-2"       | 17'-6"       | 17'-10"      | 18'-2"       | 18'-6"       | 18'-10"      | 19'-2"        | 19'-6"         | 19'-10"        |
| 17'-0"+       | 17'-0"       | 17'-4"       | 17'-8"       | 18'-0"       | 18'-4"       | 18'-8"       | 19'-0"       | 19'-4"       | 19'-8"        | 20'-0"         | 20'-4"         |
| 17'-6"+       | 17'-6"       | 17'-10"      | 18'-2"       | 18'-6"       | 18'-10"      | 19'-2"       | 19'-6"       | 19'-10"      | 20'-2"        | 20'-6"         | 20'-10"        |
| 18'-0"+       | 18'-0"       | 18'-4"       | 18'-8"       | 19'-0"       | 19'-4"       | 19'-8"       | 20'-0"       | 20'-4"       | 20'-8"        | 21'-0"         | 21'-4"         |
| 18'-6"+       | 18'-6"       | 18'-10"      | 19'-2"       | 19'-6"       | 19'-10"      | 20'-2"       | 20'-6"       | 20'-10"      | 21'-2"        | 21'-6"         | 21'-10"        |
| 19'-0"+       | 19'-0"       | 19'-4"       | 19'-8"       | 20'-0"       | 20'-4"       | 20'-8"       | 21'-0"       | 21'-4"       | 21'-8"        | 22'-0"         | 22'-4"         |
| 19'-6"+       | 19'-6"       | 19'-10"      | 20'-2"       | 20'-6"       | 20'-10"      | 21'-2"       | 21'-6"       | 21'-10"      | 22'-2"        | 22'-6"         | 22'-10"        |
| 20'-0"+       | 20'-0"       | 20'-4"       | 20'-8"       | 21'-0"       | 21'-4"       | 21'-8"       | 22'-0"       | 22'-4"       | 22'-8"        | 23'-0"         | 23'-4"         |

### Character's added Strength + Coordination

| <u>Height</u> | <u>10-20</u> | <u>21-30</u> | <u>31-40</u> | <u>41-50</u> | <u>51-60</u> | <u>61-70</u> | <u>71-80</u> | <u>81-90</u> | <u>91-100</u> | <u>101-110</u> | <u>111-120</u> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| 20'-6"+       | 20'-6"       | 20'-10"      | 21'-2"       | 21'-6"       | 21'-10"      | 22'-2"       | 22'-6"       | 22'-10"      | 23'-2"        | 23'-6"         | 23'-10"        |
| 21'-0"+       | 21'-0"       | 21'-4"       | 21'-8"       | 22'-0"       | 22'-4"       | 22'-8"       | 23'-0"       | 23'-4"       | 23'-8"        | 24'-0"         | 24'-4"         |
| 21'-6"+       | 21'-6"       | 21'-10"      | 22'-2"       | 22'-6"       | 22'-10"      | 23'-2"       | 23'-6"       | 23'-10"      | 24'-2"        | 24'-6"         | 24'-10"        |
| 22'-0"+       | 22'-0"       | 22'-4"       | 22'-8"       | 23'-0"       | 23'-4"       | 23'-8"       | 24'-0"       | 24'-4"       | 24'-8"        | 25'-0"         | 25'-4"         |
| 22'-6"+       | 22'-6"       | 22'-10"      | 23'-2"       | 23'-6"       | 23'-10"      | 24'-2"       | 24'-6"       | 24'-10"      | 25'-2"        | 25'-6"         | 25'-10"        |
| 23'-0"+       | 23'-0"       | 23'-4"       | 23'-8"       | 24'-0"       | 24'-4"       | 24'-8"       | 25'-0"       | 25'-4"       | 25'-8"        | 26'-0"         | 26'-4"         |
| 23'-6"+       | 23'-6"       | 23'-10"      | 24'-2"       | 24'-6"       | 24'-10"      | 25'-2"       | 25'-6"       | 25'-10"      | 26'-2"        | 26'-6"         | 26'-10"        |
| 24'-0"+       | 24'-0"       | 24'-4"       | 24'-8"       | 25'-0"       | 25'-4"       | 25'-8"       | 26'-0"       | 26'-4"       | 26'-8"        | 27'-0"         | 27'-4"         |
| 24'-6"+       | 24'-6"       | 24'-10"      | 25'-2"       | 25'-6"       | 25'-10"      | 26'-2"       | 26'-6"       | 26'-10"      | 27'-2"        | 27'-6"         | 27'-10"        |
| 25'-0"+       | 25'-0"       | 25'-4"       | 25'-8"       | 26'-0"       | 26'-4"       | 26'-8"       | 27'-0"       | 27'-4"       | 27'-8"        | 28'-0"         | 28'-4"         |
| 25'-6"+       | 25'-6"       | 25'-10"      | 26'-2"       | 26'-6"       | 26'-10"      | 27'-2"       | 27'-6"       | 27'-10"      | 28'-2"        | 28'-6"         | 28'-10"        |
| 26'-0"+       | 26'-0"       | 26'-4"       | 26'-8"       | 27'-0"       | 27'-4"       | 27'-8"       | 28'-0"       | 28'-4"       | 28'-8"        | 29'-0"         | 29'-4"         |
| 26'-6"+       | 26'-6"       | 26'-10"      | 27'-2"       | 27'-6"       | 27'-10"      | 28'-2"       | 28'-6"       | 28'-10"      | 29'-2"        | 29'-6"         | 29'-10"        |
| 27'-0"+       | 27'-0"       | 27'-4"       | 27'-8"       | 28'-0"       | 28'-4"       | 28'-8"       | 29'-0"       | 29'-4"       | 29'-8"        | 30'-0"         | 30'-4"         |
| 27'-6"+       | 27'-6"       | 27'-10"      | 28'-2"       | 28'-6"       | 28'-10"      | 29'-2"       | 29'-6"       | 29'-10"      | 30'-2"        | 30'-6"         | 30'-10"        |
| 28'-0"+       | 28'-0"       | 28'-4"       | 28'-8"       | 29'-0"       | 29'-4"       | 29'-8"       | 30'-0"       | 30'-4"       | 30'-8"        | 31'-0"         | 31'-4"         |
| 28'-6"+       | 28'-6"       | 28'-10"      | 29'-2"       | 29'-6"       | 29'-10"      | 30'-2"       | 30'-6"       | 30'-10"      | 31'-2"        | 31'-6"         | 31'-10"        |
| 29'-0"+       | 29'-0"       | 29'-4"       | 29'-8"       | 30'-0"       | 30'-4"       | 30'-8"       | 31'-0"       | 31'-4"       | 31'-8"        | 32'-0"         | 32'-4"         |
| 29'-6"+       | 29'-6"       | 29'-10"      | 30'-2"       | 30'-6"       | 30'-10"      | 31'-2"       | 31'-6"       | 31'-10"      | 32'-2"        | 32'-6"         | 32'-10"        |
| 30'-0"+       | 30'-0"       | 30'-4"       | 30'-8"       | 31'-0"       | 31'-4"       | 31'-8"       | 32'-0"       | 32'-4"       | 32'-8"        | 33'-0"         | 33'-4"         |

## Jumping (Vertical):

Vertical jumping is considered from a standing or running position. The distance a character or biped creature can leap, vs. heights not listed, will be strictly up to the of the G.M.

### Character's added Strength + Coordination

| <u>Height</u> | <u>10-20</u> | <u>21-30</u> | <u>31-40</u> | <u>41-50</u> | <u>51-60</u> | <u>61-70</u> | <u>71-80</u> | <u>81-90</u> | <u>91-100</u> | <u>101-110</u> | <u>111-120</u> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| 2'-6"+        | 0'-1"        | 0'-4"        | 0'-7"        | 0'-10'       | 1'-1"        | 1'-4"        | 1'-7"        | 1'-10"       | 2'-1"         | 2'-4"          | 2'-7"          |
| 3'-0"+        | 0'-2"        | 0'-5"        | 0'-8"        | 0'-11'       | 1'-2"        | 1'-5"        | 1'-8"        | 1'-11"       | 2'-2"         | 2'-5"          | 2'-8"          |
| 3'-6"+        | 0'-3"        | 0'-6"        | 0'-9"        | 1'-0"        | 1'-3"        | 1'-6"        | 1'-9"        | 2'-0"        | 2'-3"         | 2'-6"          | 2'-9"          |
| 4'-0"+        | 0'-4"        | 0'-7"        | 0'-10"       | 1'-1"        | 1'-4"        | 1'-7"        | 1'-10"       | 2'-1"        | 2'-4"         | 2'-7"          | 2'-10"         |
| 4'-6"+        | 0'-5"        | 0'-8"        | 0'-11"       | 1'-2"        | 1'-5"        | 1'-8"        | 1'-11"       | 2'-2"        | 2'-5"         | 2'-8"          | 2'-11"         |
| 5'-0"+        | 0'-6"        | 0'-9"        | 1'-0"        | 1'-3"        | 1'-6"        | 1'-9"        | 2'-0"        | 2'-3"        | 2'-6"         | 2'-9"          | 3'-0"          |
| 5'-6"+        | 0'-7"        | 0'-10"       | 1'-1"        | 1'-4"        | 1'-7"        | 1'-10"       | 2'-1"        | 2'-4"        | 2'-7"         | 2'-10"         | 3'-1"          |
| 6'-0"+        | 0'-8"        | 0'-11"       | 1'-2"        | 1'-5"        | 1'-8"        | 1'-11"       | 2'-2"        | 2'-5"        | 2'-8"         | 2'-11"         | 3'-2"          |
| 6'-6"+        | 0'-9"        | 1'-0"        | 1'-3"        | 1'-6"        | 1'-9"        | 2'-0"        | 2'-3"        | 2'-6"        | 2'-9"         | 3'-0"          | 3'-3"          |
| 7'-0"+        | 0'-10"       | 1'-1"        | 1'-4"        | 1'-7"        | 1'-10"       | 2'-1"        | 2'-4"        | 2'-7"        | 2'-10"        | 3'-1"          | 3'-4"          |
| 7'-6"+        | 0'-11"       | 1'-2"        | 1'-5"        | 1'-8"        | 1'-11"       | 2'-2"        | 2'-5"        | 2'-8"        | 2'-11"        | 3'-2"          | 3'-5"          |
| 8'-0"+        | 1'-0"        | 1'-3"        | 1'-6"        | 1'-9"        | 2'-0"        | 2'-3"        | 2'-6"        | 2'-9"        | 3'-0"         | 3'-3"          | 3'-6"          |
| 8'-6"+        | 1'-1"        | 1'-4"        | 1'-7"        | 1'-10"       | 2'-1"        | 2'-4"        | 2'-7"        | 2'-10"       | 3'-1"         | 3'-4"          | 3'-7"          |
| 9'-0"+        | 1'-2"        | 1'-5"        | 1'-8"        | 1'-11"       | 2'-2"        | 2'-5"        | 2'-8"        | 2'-11"       | 3'-2"         | 3'-5"          | 3'-8"          |
| 9'-6"+        | 1'23         | 1'-6"        | 1'-9"        | 2'-0"        | 2'-3"        | 2'-6"        | 2'-9"        | 3'-0"        | 3'-3"         | 3'-6"          | 3'-9"          |
| 10'-0"+       | 1'-4"        | 1'-7"        | 1'-10"       | 2'-1"        | 2'-4"        | 2'-7"        | 2'-10"       | 3'-1"        | 3'-4"         | 3'-7"          | 3'-10"         |
| 10'-6"+       | 1'-5"        | 1'-8"        | 1'-11"       | 2'-2"        | 2'-5"        | 2'-8"        | 2'-11"       | 3'-2"        | 3'-5"         | 3'-8"          | 3'-11"         |
| 11'-0"+       | 1'-6"        | 1'-9"        | 2'-0"        | 2'-3"        | 2'-6"        | 2'-9"        | 3'-0"        | 3'-3"        | 3'-6"         | 3'-9"          | 4'-0"          |

### Character's added Strength + Coordination

| <u>Height</u> | <u>10-20</u> | <u>21-30</u> | <u>31-40</u> | <u>41-50</u> | <u>51-60</u> | <u>61-70</u> | <u>71-80</u> | <u>81-90</u> | <u>91-100</u> | <u>101-110</u> | <u>111-120</u> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| 11'-6"+       | 1'-7"        | 1'-10"       | 2'-1"        | 2'-4"        | 2'-7"        | 2'-10"       | 3'-1"        | 3'-4"        | 3'-7"         | 3'-10"         | 4'-1"          |
| 12'-0"+       | 1'-8"        | 1'-11"       | 2'-2"        | 2'-5"        | 2'-8"        | 2'-11"       | 3'-2"        | 3'-5"        | 3'-8"         | 3'-11"         | 4'-2"          |
| 12'-6"+       | 1'-9"        | 2'-0"        | 2'-3"        | 2'-6"        | 2'-9"        | 3'-0"        | 3'-3"        | 3'-6"        | 3'-9"         | 4'-0"          | 4'-3"          |
| 13'-0"+       | 1'-10"       | 2'-1"        | 2'-4"        | 2'-7"        | 2'-10"       | 3'-1"        | 3'-4"        | 3'-7"        | 3'-10"        | 4'-1"          | 4'-4"          |
| 13'-6"+       | 1'-11"       | 2'-2"        | 2'-5"        | 2'-8"        | 2'-11"       | 3'-2"        | 3'-5"        | 3'-8"        | 3'-11"        | 4'-2"          | 4'-5"          |
| 14'-0"+       | 2'-0"        | 2'-3"        | 2'-6"        | 2'-9"        | 3'-0"        | 3'-3"        | 3'-6"        | 3'-9"        | 4'-0"         | 4'-3"          | 4'-6"          |
| 14'-6"+       | 2'-1"        | 2'-4"        | 2'-7"        | 2'-10"       | 3'-1"        | 3'-4"        | 3'-7"        | 3'-10"       | 4'-1"         | 4'-4"          | 4'-7"          |
| 15'-0"+       | 2'-2"        | 2'-5"        | 2'-8"        | 2'-11"       | 3'-2"        | 3'-5"        | 3'-8"        | 3'-11"       | 4'-2"         | 4'-5"          | 4'-8"          |
| 15'-6"+       | 2'-3"        | 2'-6"        | 2'-9"        | 3'-0"        | 3'-3"        | 3'-6"        | 3'-9"        | 4'-0"        | 4'-3"         | 4'-6"          | 4'-9"          |
| 16'-0"+       | 2'-4"        | 2'-7"        | 2'-10"       | 3'-1"        | 3'-4"        | 3'-7"        | 3'-10"       | 4'-1"        | 4'-4"         | 4'-7"          | 4'-10"         |
| 16'-6"+       | 2'-5"        | 2'-8"        | 2'-11"       | 3'-2"        | 3'-5"        | 3'-8"        | 3'-11"       | 4'-2"        | 4'-5"         | 4'-8"          | 4'-11"         |
| 17'-0"+       | 2'-6"        | 2'-9"        | 3'-0"        | 3'-3"        | 3'-6"        | 3'-9"        | 4'-0"        | 4'-3"        | 4'-6"         | 4'-9"          | 5'-0"          |
| 17'-6"+       | 2'-7"        | 2'-10"       | 3'-1"        | 3'-4"        | 3'-7"        | 3'-10"       | 4'-1"        | 4'-4"        | 4'-7"         | 4'-10"         | 5'-1"          |
| 18'-0"+       | 2'-8"        | 2'-11"       | 3'-2"        | 3'-5"        | 3'-8"        | 3'-11"       | 4'-2"        | 4'-5"        | 4'-8"         | 4'-11"         | 5'-2"          |
| 18'-6"+       | 2'-9"        | 3'-0"        | 3'-3"        | 3'-6"        | 3'-9"        | 4'-0"        | 4'-3"        | 4'-6"        | 4'-9"         | 5'-0"          | 5'-3"          |
| 19'-0"+       | 2'-10"       | 3'-1"        | 3'-4"        | 3'-7"        | 3'-10"       | 4'-1"        | 4'-4"        | 4'-7"        | 4'-10"        | 5'-1"          | 5'-4"          |
| 19'-6"+       | 2'-11"       | 3'-2"        | 3'-5"        | 3'-8"        | 3'-11"       | 4'-2"        | 4'-5"        | 4'-8"        | 4'-11"        | 5'-2"          | 5'-5"          |
| 20'-0"+       | 3'-0"        | 3'-3"        | 3'-6"        | 3'-9"        | 4'-0"        | 4'-3"        | 4'-6"        | 4'-9"        | 5'-0"         | 5'-3"          | 5'-6"          |

### Character's added Strength + Coordination

| <u>Height</u> | <u>10-20</u> | <u>21-30</u> | <u>31-40</u> | <u>41-50</u> | <u>51-60</u> | <u>61-70</u> | <u>71-80</u> | <u>81-90</u> | <u>91-100</u> | <u>101-110</u> | <u>111-120</u> |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|
| 20'-6"+       | 3'-1"        | 3'-4"        | 3'-7"        | 3'-10"       | 4'-1"        | 4'-4"        | 4'-7"        | 4'-10"       | 5'-1"         | 5'-4"          | 5'-7"          |
| 21'-0"+       | 3'-2"        | 3'-5"        | 3'-8"        | 3'-11"       | 4'-2"        | 4'-5"        | 4'-8"        | 4'-11"       | 5'-2"         | 5'-5"          | 5'-8"          |
| 21'-6"+       | 3'-3"        | 3'-6"        | 3'-9"        | 4'-0"        | 4'-3"        | 4'-6"        | 4'-9"        | 5'-0"        | 5'-3"         | 5'-6"          | 5'-9"          |
| 22'-0"+       | 3'-4"        | 3'-7"        | 3'-10"       | 4'-1"        | 4'-4"        | 4'-7"        | 4'-10"       | 5'-1"        | 5'-4"         | 5'-7"          | 5'-10"         |
| 22'-6"+       | 3'-5"        | 3'-8"        | 3'-11"       | 4'-2"        | 4'-5"        | 4'-8"        | 4'-11"       | 5'-2"        | 5'-5"         | 5'-8"          | 5'-11"         |
| 23'-0"+       | 3'-6"        | 3'-9"        | 4'-0"        | 4'-3"        | 4'-6"        | 4'-9"        | 5'-0"        | 5'-3"        | 5'-6"         | 5'-9"          | 6'-0"          |
| 23'-6"+       | 3'-7"        | 3'-10"       | 4'-1"        | 4'-4"        | 4'-7"        | 4'-10"       | 5'-1"        | 5'-4"        | 5'-7"         | 5'-10"         | 6'-1"          |
| 24'-0"+       | 3'-8"        | 3'-11"       | 4'-2"        | 4'-5"        | 4'-8"        | 4'-11"       | 5'-2"        | 5'-5"        | 5'-8"         | 5'-11"         | 6'-2"          |
| 24'-6"+       | 3'-9"        | 4'-0"        | 4'-3"        | 4'-6"        | 4'-9"        | 5'-0"        | 5'-3"        | 5'-6"        | 5'-9"         | 6'-0"          | 6'-3"          |
| 25'-0"+       | 3'-10"       | 4'-1"        | 4'-4"        | 4'-7"        | 4'-10"       | 5'-1"        | 5'-4"        | 5'-7"        | 5'-10"        | 6'-1"          | 6'-4"          |
| 25'-6"+       | 3'-11"       | 4'-2"        | 4'-5"        | 4'-8"        | 4'-11"       | 5'-2"        | 5'-5"        | 5'-8"        | 5'-11"        | 6'-2"          | 6'-5"          |
| 26'-0"+       | 4'-0"        | 4'-3"        | 4'-6"        | 4'-9"        | 5'-0"        | 5'-3"        | 5'-6"        | 5'-9"        | 6'-0"         | 6'-3"          | 6'-6"          |
| 26'-6"+       | 4'-1"        | 4'-4"        | 4'-7"        | 4'-10"       | 5'-1"        | 5'-4"        | 5'-7"        | 5'-10"       | 6'-1"         | 6'-4"          | 6'-7"          |
| 27'-0"+       | 4'-2"        | 4'-5"        | 4'-8"        | 4'-11"       | 5'-2"        | 5'-5"        | 5'-8"        | 5'-11"       | 6'-2"         | 6'-5"          | 6'-8"          |
| 27'-6"+       | 4'-3"        | 4'-6"        | 4'-9"        | 5'-0"        | 5'-3"        | 5'-6"        | 5'-9"        | 6'-0"        | 6'-3"         | 6'-6"          | 6'-9"          |
| 28'-0"+       | 4'-4"        | 4'-7"        | 4'-10"       | 5'-1"        | 5'-4"        | 5'-7"        | 5'-10"       | 6'-1"        | 6'-4"         | 6'-7"          | 6'-10"         |
| 28'-6"+       | 4'-5"        | 4'-8"        | 4'-11"       | 5'-2"        | 5'-5"        | 5'-8"        | 5'-11"       | 6'-2"        | 6'-5"         | 6'-8"          | 6'-11"         |
| 29'-0"+       | 4'-6"        | 4'-9"        | 5'-0"        | 5'-3"        | 5'-6"        | 5'-9"        | 6'-0"        | 6'-3"        | 6'-6"         | 6'-9"          | 7'-0"          |
| 29'-6"+       | 4'-7"        | 4'-10"       | 5'-1"        | 5'-4"        | 5'-7"        | 5'-10"       | 6'-1"        | 6'-4"        | 6'-7"         | 6'-10"         | 7'-1"          |
| 30'-0"+       | 4'-8"        | 4'-11"       | 5'-2"        | 5'-5"        | 5'-8"        | 5'-11"       | 6'-2"        | 6'-5"        | 6'-8"         | 6'-11"         | 7'-2"          |