**Front Yard Trees Replacement Project**

**Bid Specifications**

Existing Trees selected for replacement

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| **Tree #** | **Near House #** | **Current Tree** |
| C-03 | 69 | Glenditsia Triacanthos Inermis‘Skyline’ |
| E-02 | 29 | Acer Rubrum ‘October Glory’ |
| E-03 | 31 | Acer Rubrum ‘October Glory’ |
| F-02 | 11 | Glenditsia Triacanthos Inermis‘Skyline’ |
| F-03 | 15 | Glenditsia Triacanthos Inermis‘Skyline’ |
| H-02 | 18 | Acer Rubrum‘October Glory’ |
| H-03 | 20 | Acer Rubrum‘October Glory’ |
| H-04 | 22 | Acer Rubrum‘October Glory’ |
| I-02 | 30 | Acer Rubrum ‘October Glory’ |
| I-03 | 32 | Acer Rubrum‘October Glory’ |
| I-04 | 34 | Acer Rubrum‘October Glory’ |
| J-01 | 38 | Acer Rubrum‘October Glory’ |
| J-02 | 40 | Zelkova Serrata'Musashino'  |
| L-01 | 66 | Glenditsia Triacanthos |
| L-02 | 68 | Glenditsia Triacanthos |
| L-03 | 70 | Glenditsia Triacanthos |
| 0-01 | 92 | Acer Saccharum'Green |
| 0-07 | 98 | Acer Saccharum'Green |

Trees to be replaced are tagged with orange ribbon and ID Number.

**Remove and dispose of designated trees.**

**Replace with 2.5" Cal BB trees**

         **MATERIALS:**
           1. Plants shall be nursery grown in accordance with good horticultural practices and grown under climate conditions similar to those in the locality of the project. They should have been root pruned, preferably in the last year.

               They shall be sound, healthy and vigorous, well branched and densely foliaged when in leaf. They shall be free of disease, pests, eggs, or larvae, and shall have a healthy developed root system.

               Plants shall not be pruned before delivery., Trees with a damaged or crooked leader or multiple leaders, abrasions on the bark, sunscald., disfiguring knots or fresh cuts over 1 1/4 inch will be rejected.

               No change in quantity, size, kind, or quality of plant specified will be permitted unless authorized in writing by Steeple Glenn.

          2. Topsoil shall be fertile, friable, it should be free of stones, lumps, plants, roots sticks and shall not be delivered in frozen or mud condition.

          3. Planting soil Backfill mix) Shall be five parts topsoil and one-part wet loose organic humus. Not the clay mix that appears to be used.

          4. Stacking Materials: Guy wires shall be pliable 12 gauge galvanized twisted two strand wire. Hose shall be a  suitable length of two-ply rubber hose 3/4 inch in diameter. Staking shall conform to details below.

          5. All plant material shall be guaranteed by the contractor to be in a healthy and vigorous condition at the beginning of the second growing season following installation.

        **PLANTING**

           Set plants at the same relationship to finished grade as they bore to the ground from which they were dug. Excavation should be 2 to 3 times the width of the root ball.  Use planting  soil to backfill approximately 2/3 full. Water thoroughly before installing the remainder of the planting soil to top of the excavation eliminating all air pockets.

           Set planting plumb and brace rigidly in position until the planting soil has been tamped solidly around the ball and roots. Cut ropes and strings from top of the ball after the plant has been set. Leave burlap or cloth wrapping intact around balls. Turn under and bury portions of burlap at top of the ball. Remove metal caging if plants are encapsulated.

          Protect plants at all times from sun or drying winds. Plants that cannot be planting immediately on delivery shall be kept in the shade. Well protected with soil. Wet Moss or other acceptable material and shall be kept well-watered. Plants shall not go unplanted longer than three days after delivery.

         Plants shall not be bound with wire or rope at any time so as to damage the bark or break branches. Plants shall be lifted and handled from the bottom of the root ball, not by the trunk.

        Mulch at excavations and beds with a 2-inch layer of Black mulch immediately after planting and work into the top three inches of planting soil. Form a 3-inch earth saucer around each tree. Water all plants immediately after planting. Add addition mulch to provide a total 3-inch mulch depth.,

      **STAKING, WRAPPING AND PRUNING**

       Staking shall be completed immediately after planting. Plants shall stand plumb after staking. Stakes and guy wires shall be removed at end of guarantee period and disposed of. off site. Prune at the end of planting to remove all dead, broken branches and suckers