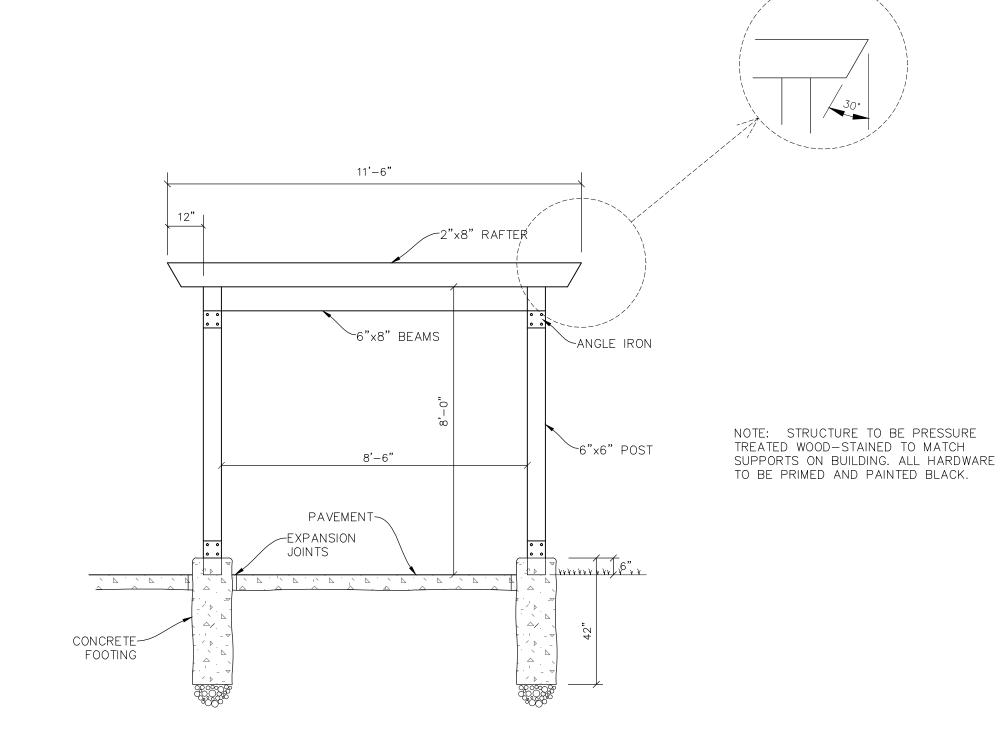


—EXTEND SIDEWALK PAVEMENT UNDER PERGOLA—ADD TWO BENCHES.

**Building Pergola Detail** 1" 🗆 10' - 0" Scale:



**BOARD APPROVED** W/Conditions: X - Revised 8/15/17

VILLAGE OF ORLAND PARK

PROJ. MGR.: JC PROJ. ASSOC.: GMC1 3-10-16 scale: N.T.S.

HEARTIS ORLAND PARK - SENIOR LIVING

ORLAND PARK, ILLINOIS

NOTE: STRUCTURE TO BE PRESSURE TREATED WOOD—STAINED TO MATCH SUPPORTS ON BUILDING. ALL HARDWARE TO BE PRIMED AND PAINTED BLACK. CONCRETE TOOTING -PAVEMENT 6'-0" 6'-0"

<sup>3</sup>⁄<sub>8</sub>" □ 1' - 0"

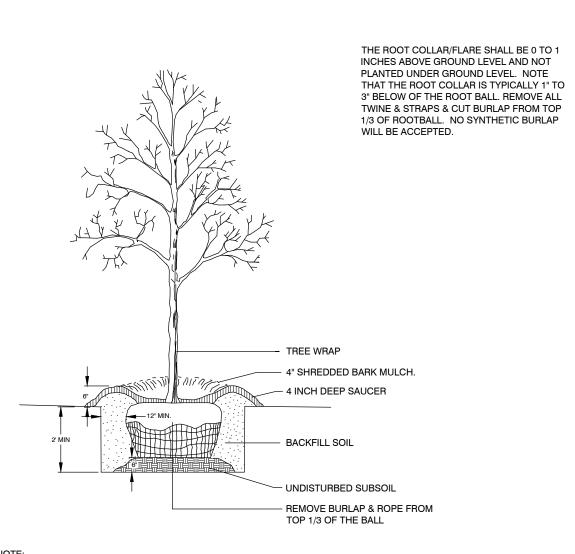
Pergola - Front View

Scale:

Pergola - Side View

Scale: <sup>3</sup>⁄<sub>8</sub>" □ 1' - 0"

## PLANTING DETAILS



SEE SHADE TREE DETAIL

-SOIL IN PLANTING ISLAND

—SHREDDED BARK MULCH

TOP OF CURB

—BACKFILL SOIL

TO BE MOUNDED 12" ABOVE

FINISHED GRADE IS 1"

NOT TO SCALE

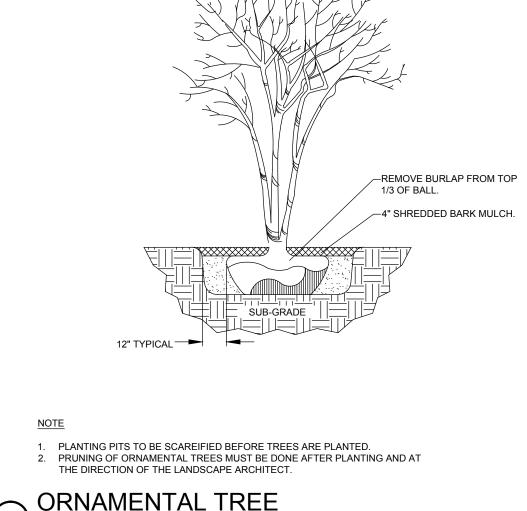
—CURB BY OTHERS

NOTE:

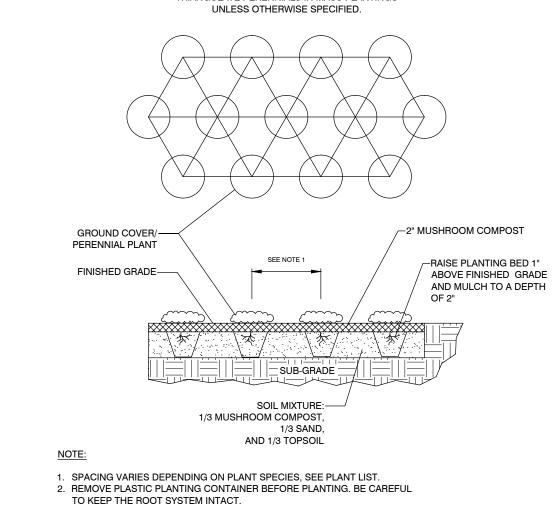
1. SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE. DECIDUOUS TREE

NOTE:

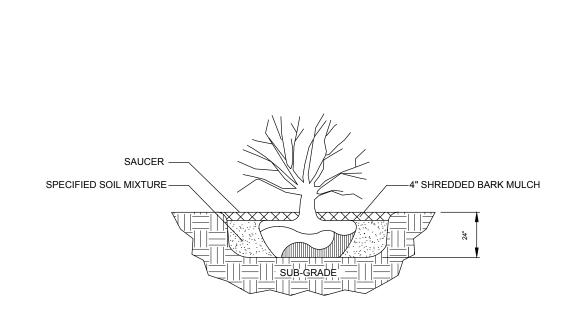
NOT TO SCALE



NOT TO SCALE TRIANGULATE PERENNIALS IN MASS PLANTINGS



**GROUNDCOVER AND PERENNIALS** 



TYPICAL FOR ALL PARKING ISLANDS; CREATE 5:1 SLOPE

TOPSOIL WITHIN ISLAND SHOULD BE 36" THICK

PARKING LOT ISLAND

EARTH MOUND FROM TOP OF CURB TO CENTER OF ISLAND

NOTE: PARKING ISLANDS SHALL CONTAIN AT LEAST SIX (6) INCHES OF STONE BASE AN THIRTY-SIX (36) INCHES OF TOPSOIL PER ISLAND. ISLANDS SHOULD NOT BE CONSTRUCTED ON A COMPACTED

BASE; IF SEVERE COMPACTION EXISTS AS DETERMINED BY THE DEVELOPMENT SERVICES

DEPARTMENT, A DRAINAGE STRATEGY SHALL BE IMPLEMENTED.

1. SHRUB SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS EXISTING GRADE.

SHRUB PLANTING

NOT TO SCALE

NOT TO SCALE

## **SPECIFICATIONS**

- 1. Field Verification The Contractor shall verify all existing conditions and dimensions in the field prior to bidding and report any discrepancies to the Owner or his representative.
- 2. Protection of Existing Site and Existing Site Features The Contractor shall provide at his/her own expense, protection against trespassing and damage to seeded areas, planted areas and other construction areas until the preliminary acceptance. The Contractor shall provide barricades, temporary fencing, signs, written warning or policing as may be required to protect such areas. The Contractor shall not be responsible for any damage caused by the Owner after such warning has been issued. It shall be the Contractor's responsibility to locate and protect all existing above and below ground utilities when performing the work. The Contractor shall be responsible for the protection of crowns, trunks and roots of existing trees, shrubs, lawns, paved areas and other landscaped areas that are to remain. Existing trees which may be subject to construction damage shall be boxed, fenced or otherwise protected before any work is started. Boxing or other protection will be removed at the end of construction. Do not locate heavy equipment or stockpiles within the drip-line of existing plants or on lawns. Any damage to utilities, structures, plantings or lawn which results from the Contractor's work shall be repaired in kind at the Contractor's expense immediately with as little inconvenience to the Owner as possible. All areas shown on the plan as sod, the General Contractor will provide the Landscape Contractor with an excavated area 2" below the curb elevation and proposed grade. It is the Landscape Contractor's responsibility to verify with the General Contractor that the subgrade preparation has been completed. The Landscape Contractor shall coordinate his/her work with all other trades on site. Any planting areas disturbed as a result of general construction activity shall be immediately repaired/replaced by the Landscape Contractor at no additional expense to the Owner.
- 3. Planting Techniques All planting techniques and methods shall be consistent with the latest edition of "Horticulture Standards of Nurserymen, Inc.", and as detailed on these drawings. All deciduous plant material shall be thin pruned to remove 1/3 interior branches, dead branches and broken branches. Pruning shall compliment plants natural form. Absolutely NO tip pruning is allowed, except hedges. Any plant that is tip pruned is subject to rejection by the Landscape Architect. Evergreen trees and shrubs shall be pruned of dead and broken branches and as directed by the Landscape Architect. All pruning work shall be done with hand pruners only. Stake/guy all trees as necessary immediately after installation and prior to acceptance. When high winds or other conditions occur, the Landscape Contractor shall take whatever precautions he/she deems necessary to protect the survival and appearance of the plants. These steps shall be taken at no additional expense to the Owner.
- 4. Inspection of Plant Material All plant materials shall be subject to inspection and approval. The Landscape Architect/Owners Representative reserves the right to reject any plants which fail to meet this inspection. All rejected material shall be removed from the site by the Contractor. Height of evergreen trees are measured from the top of ball to the first lateral branch closest to the top. Height and/or width of other plants so specified are measured by the mass of the plant not the very tip of the branches.
- 5. Plant Substitution Substitution from the specified list will be accepted only when evidence in writing is submitted to the Landscape Architect, showing that the plant specified is not available. Requests for approval of substitute plant material shall include common and botanical names and size of substitute material. Only those substitutions of at least equivalent size and having essential characteristics similar to the originally specified material will be approved. Acceptance or rejection of substitute plant materials will be issued in writing by the Landscape Architect.
- 6. Planting Soil Planting soil shall be replaced in all disturbed areas at a minimum depth of six inches. The planting soil shall be amended by the contractor at the time of placement. The amended topsoil shall consist of three parts topsoil, one part compost, one part sand and five pounds of bone meal per cubic

- 7. Mulch All disturbed areas including shrub beds and individual trees shall be mulched with a minimum of 4" finely shredded bark mulch to be approved by the Landscape Achitect/Owners Representative. Perennial, ground cover and annual flower beds shall be mulched with 2" of finely ground compost.
- 8. Pre-emergent Herbicide All shrub beds, individual tree rings and ground cover beds shall be treated with a pre-emergent herbicide prior to the mulch being installed. These areas shall be weed free prior to herbicide application.
- 9. Sodding Sod shall be Kentucky Bluegrass and is required in all areas as noted on the landscape plan. Sod should be grown from at least four varieties of quality seed. Sodded slopes 3:1 or greater shall be staked to prevent erosion and washout. Sod is to be laid within 8 hours of the delivery time to the site. Watering shall continue until all sod areas are thoroughly knit to the ground.
- 10. Seeding All lawn areas on landscape plan specified to be seeded shall be treated as specified below:
- A. Topsoil Shall be spread over all areas to be seeded to a minimum depth of 6" when compacted.
- B. Seed Mixture and Application Rate Kentucky Bluegrass ( 4 varieties) 20% Perennial Ryegrass 20% Redtop or Creeping Red Fescue

Apply at the rate of 5.5 lbs. per 1,000 sq. ft.

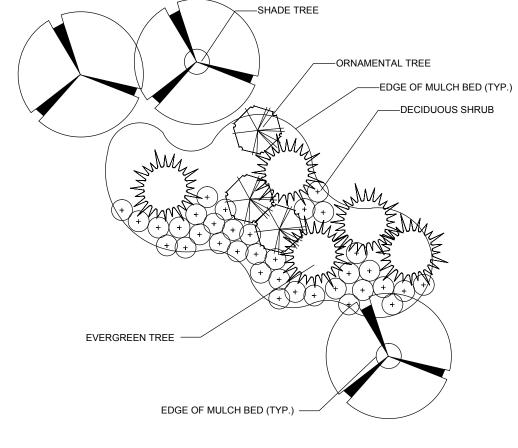
- C. Fertilization The contractor shall acquire site specific soil analysis from a reputable firm, amend soil, and fertilize all area per the findings of the analysis. The contractor shall supply the Landscape Architect with all findings, analysis, and recommendations. Apply fertilizers and conditioners at the rate specified per soil test findings. At least 40% of the fertilizer nitrogen shall be of an organic origin.
- D. Watering Seeded areas shall be watered to insure proper germination. Once seeds have germinated, watering may be decreased but the seedlings must never be allowed to dry out completely. Frequent watering should be continued for approximately four (4) weeks after germination or until grass has become sufficiently established to warrant watering on an "as needed" basis. All plant material watering will be the responsibility of the contractor until acceptance by the owner and the Landscape Architect/Owners Representative.
- E. Establishment Turf may be established on a variety of slope conditions. It shall be the contractor's responsibility to determine and implement whatever procedures he/she deems necessary to establish the turf as part of his/her work. Seeded areas will be accepted when all areas show a uniform stand of the specified grass in healthy condition and at least 60 days have elapsed since the completion of this work. A uniform stand is defined as areas where the grass is growing thickly without bare spots larger than 12" x 12". The Contractor shall submit with his bid a description of the methods and procedures he/she intends to use.
- 11. Preliminary Acceptance All plantings shall be maintained by the Contractor for a period of 60 days after preliminary acceptance by the Owner. Maintenance shall include, but is not limited to, mowing and edging turf, pulling weeds, watering turf and plant material, and annual flower maintenance.
- 12. Final Acceptance Final acceptance will be granted by the Landscape Architect/Owners Representative upon receipt of written request by the contractor, combined with an acceptable final review of the installation by the Landscape Architect/Owners Representative. All plant material (excluding annual flowers), shall be guaranteed for two years after the end of the 60 day maintenance **BOARD APPROVED**

period is marked by the fina work by the Owner, and the Representative. All plants the good condition shall be repl no additional expense to the shall meet all specified qua

04/27/2016 and carry the same guarant W/Out Conditions: X - Revised 8/15/17

VILLAGE OF ORLAND PARK 13. Site Cleanup The Cont Owner and the work of othe

also be directly responsible for all damage caused by his/her activities at no additional expense to the owner and for the daily removal of all trash and debris from the work area to the satisfaction of the Landscape Architect/Owners Representative.



1. GUY TREES GREATER THAN 3" CAL. OR AS NECESSARY DURING GUARANTEE

PERIOD OR AS DIRECTED BY THE LANDSCAPE ARCHITECT.

2. 3-GUYING ASSEMBLES PER TREE, 120° APART SEE DETAIL.

 $\searrow$  SHADE TREE IN ISLAND

ALL MULCH BEDS FOR MASS PLANTING AREAS SHALL BE INSTALLED IN A UNIFORM CURVILINEAR FASHION AS INDICATED. MULCH SHALL EXTEND A MINIMUM OF 12" BEYOND THE OUTSIDE EDGE OF THE ROOT BALL AND INSTALLED ACCORDING TO

NOT TO SCALE



LAWN/SOD AREA -

AMENDED SOIL

NOT TO SCALE

ENIOR ILLINOIS S **PARK** ORLAND ORLAND **ARTIS** 

PROJ. MGR.: <u>JC</u>

PROJ. ASSOC.: GMC1

3-10-16

<u>N.T.S.</u>

SHEET