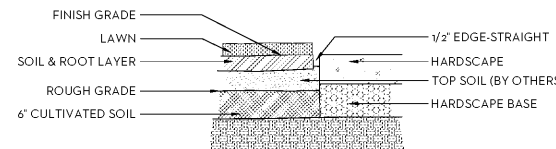


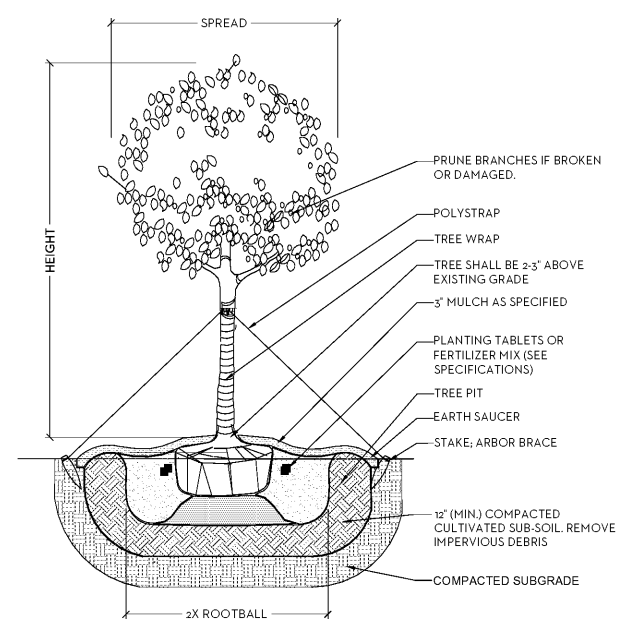
PLANT SCHEDULE					
TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT.	CAL.	DETAIL
SO	2	Quercus shumardii / Shumard Red Oak	B & B	2.5"	2/L100
GROUND COVERS					
CODE	QTY	BOTANICAL NAME / COMMON NAME	DETAIL		
SOD	3,997 sf	Cynodon dactylon 'Tif 419' / Bermuda Grass	1/L100		

- LANDSCAPE NOTES**
- Contractor to carefully examine the contract documents and existing conditions before submitting bid proposal or commencing work.
  - Damage to existing utilities or site improvements caused by the contractor are the full responsibility of contractor.
  - Contractor's base bid to include all materials, labor, permits, equipment, tools, insurance, ETC. to perform the work as described in the contract documents.
  - Contractor to complete work within schedule established by owner.
  - Contractor to provide one year warranty for all material from date of substantial completion.
  - Provide unit price for all materials (installed cost) listed on the plant schedule.
  - Contractor to provide interim maintenance (watering, pruning, fertilizing, guying, mowing, trimming, adequate drainage of ponding areas, edging, weeding, mulching, application of insecticides/herbicides, and general landscape clean-up) until substantial completion notice is provided by the owner or landscape architect.
  - Perform work in compliance with all applicable laws, codes, and regulations required by authorities having jurisdiction over such work and provide for permits required by local authorities.
  - Topsoil shall be natural, fertile, friable, sandy clay loam capable of sustaining plant growth, free of stones, stumps, ETC.
  - For all turf lawn areas spread 4" of topsoil into existing soil to a depth of 6" below finish grade. Hand rake finished grades to provide even contours.
  - All planted material shall be equivalent in quality to specimen grade or better, as noted by the American Association of Nurserymen, latest edition. All trees of lesser quality shall be rejected by the city arborist.
  - Plant material to be free of disease, insect pests, eggs, or larvae. Damaged plant material shall be rejected.
  - Mulch to be clean, fresh, new, shredded pine bark, 4" deep. Use red, long-needle pine straw on slopes greater than 3:1
  - Test plant beds and plant pits for adequate drainage. Work shall be made by the contractor at no additional cost to owner. Hardpan or moisture barriers shall be broken, or drain pipes to be installed to provide proper drainage of plant areas. Plant pits shall be excavated to the bottom of the pit. Fill each plant pit with water and observe the pit for 2 hours. If the water has not dissipated by 50% within 2 hours, notify the landscape architect of such in writing before installing plants in the questionable area(s), otherwise contractor shall be held liable for the livability of the plant. In hardpan conditions where water does not drain within 2 hours, install drain pipes as per tree planting in compacted soil area detail.
  - Trees shall be installed 2'-5" above finish grade in hardpan areas unless otherwise directed to provide drainage.
  - Plant beds shall be neatly edged using a 3" wide by 6" deep trench. Provide 2/3 side slope behind trench edge.
  - Ground cover, shrub mass beds shall be cultivated to a depth of 12 inches below grade to break through compacted or hardpan soil. Remove all stones, roots, and inferior material. Add specified soil amendments and fertilizer. Elevate entire bed 6 inches above original grade. Rake to a consistent smooth surface. Install plants, edge bed area, mulch and water thoroughly.
  - Set all plants plumb and turned so that the most attractive side is viewed.
  - Plants shall be measured to their main structure, not tip to tip of branches.
  - Remove top one-third burlap of B & B wrapping. Remove all binding. If rootball is wrapped in non-biodegradable burlap, remove entire wrap after placed in pit.
  - Tree pit and shrub pit to be twice the size of the root mass. Fill with plant mix. See details.
  - Broken root balls for trees shall be rejected.
  - Any plant materials shipped to site in uncovered vehicles/ trailer shall be rejected regardless of season.
  - Space shrubs, ground cover, and seasonal color evenly and in straight rows.
  - All tree scars over 1-1/2" shall be rejected and tree to be replaced.
  - All shrubs to be dense and full. All trees to have a symmetrical growth habit (360 degrees) unless uncharacteristic to plant type.
  - Scarify root mass of shrubs and ground cover before installing.
  - Remove all excess growth of trees and shrubs as directed by landscape architect. Do not cut central leader.
  - Layout all plant material according to landscape drawings. Receive approval of all layouts before installation. Adjustments to the layout shall be made by the landscape architect. Landscape contractor to make adjustments to layout at no additional cost to the owner. Landscape contractor responsible for adjustment of layout in order to avoid utilities. Notify landscape architect of contemplated adjustments to the layout and receive approval before commencing.
  - General contractor to provide grades to two-tenths (20+) of a foot of proposed finish grades.
  - All shrubs shall be dense and well-branched from bottom to top and all sides. "Leggy" shrubs will be rejected by L.A.
  - Owner or landscape architect shall review project at completion of installation for substantial completion. Final completion shall be given at the end of the warranty period if all items are completed to the owner's satisfaction. Contractor shall be notified in writing of substantial and final completion dates.
  - See civil drawings for further information regarding: erosion sediment control information, locations of existing and proposed structures, paving, driveways, cut and fill areas, and retention areas, limits of construction, location of existing and proposed utilities or easements.
  - Characteristics of topsoil to be furnished:
    - Fertile, friable, naturally occurring. Free of stones, clay, lumps, hardpan, roots, stumps, branches, sticks and other debris larger than two (2) inches in any dimension; free of noxious weeds, grasses, seeds, and extraneous matter and any substance harmful to plant growth. Topsoil from open fields will not be accepted.
    - Ph: 5.0 to 7.0
    - Organic Matter: 5% to 10%
    - Sand: 50% to 70%
    - Silt: less than 30%
    - Clay: 10% to 25%
    - Permeability Rate of 5 x 10<sup>-3</sup> centimeters or greater at 80% compaction.
  - Contractor shall collect three (3) soil samples of existing soil from areas on site to receive planting for testing. Each soil sample shall be approximately 1 kg. (1 gal. zip lock bag) and will require the following tests by soil testing lab approved in advance by Engineer, by this Contractor at his expense:
    - s1-a
    - s3
    - texture analysis
    - infiltration
  - Sight lines may not be obstructed between a height of 30-inches and 84-inches above the crown of the roadway surface. The property owner must maintain all landscaping according to this requirement at all times.
  - Contractor to provide irrigation system. See performance spec.



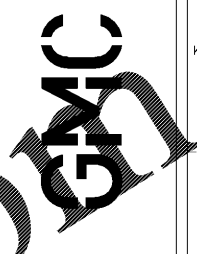
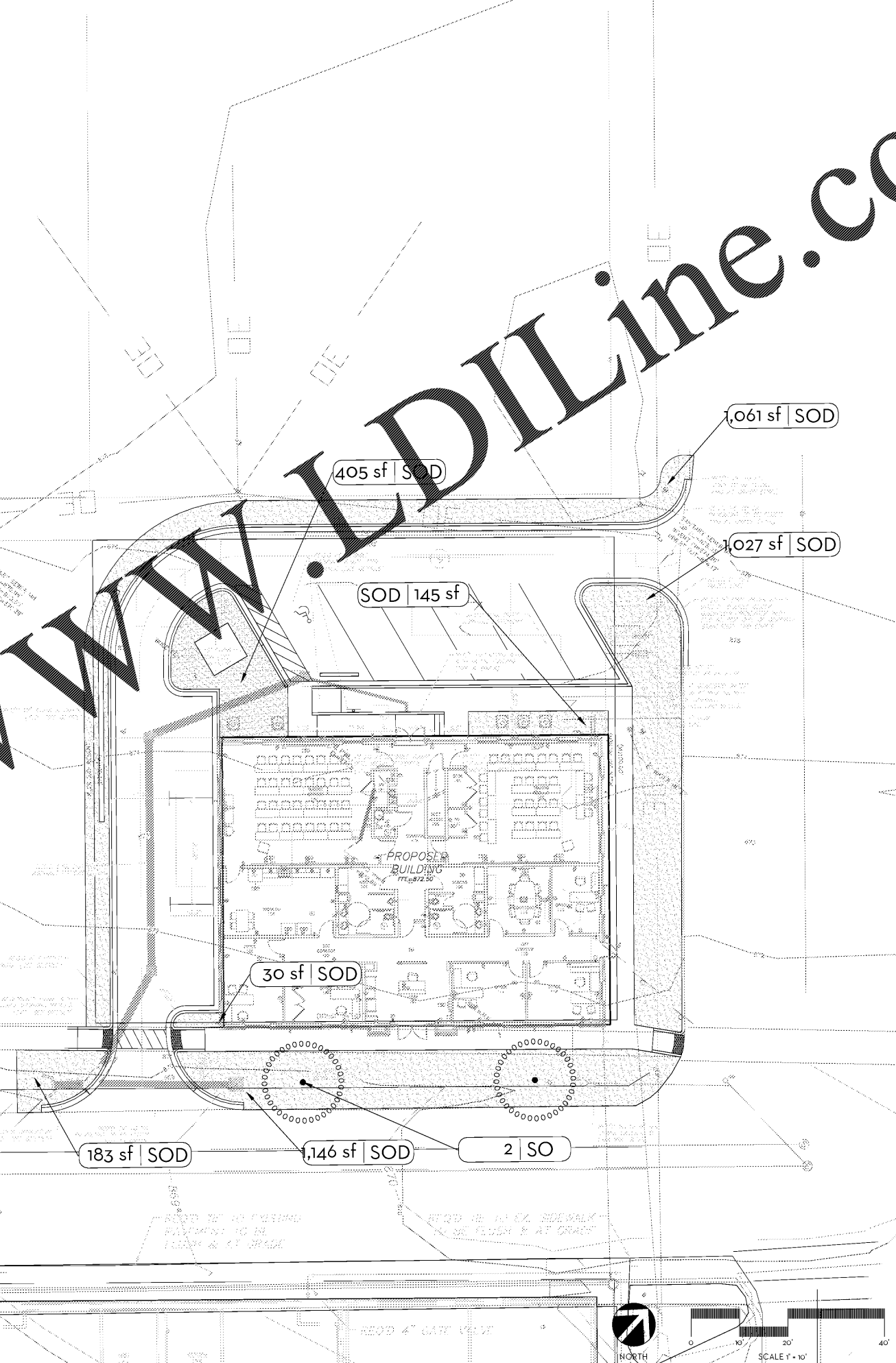
- INSTALLATION NOTES:**
- GENERAL CONTRACTOR TO PROVIDE GRADES TO WITHIN TWO TENTHS OF A FOOT FOR PROPOSED GRADES.
  - CULTIVATE TO A DEPTH OF 6".
  - FINE GRADE AS REQUIRED TO REACH FINISH GRADE PER CIVIL DRAWINGS.
  - APPLY LIME AND FERTILIZER, AS SPECIFIED.
  - APPLY PRE-EMERGENT HERBICIDE PER MANUFACTURER'S RECOMMENDATION.
  - LAY SOD & ROLL LEVEL.
  - WATER ENTIRE AREA THOROUGHLY.
  - INSTALL SOD SO THAT THE TOP OF SOIL & ROOT LAYER IS LEVEL WITH TOP OF PAVEMENT.

**1 DETAIL: SOD INSTALLATION**



- TREE PLANTING NOTES & PROCEDURES**
- EXCAVATE TREE PIT TO A DEPTH EQUAL TO DEPTH OF ROOTBALL PLUS 2', AND A WIDTH EQUAL TO TWO (2) TIMES THE DIAMETER OF THE ROOTBALL.
  - FILL TREE PIT WITH WATER AND CONFIRM PERCOLATION RATE. (NOTIFY LANDSCAPE ARCHITECT IF POOR DRAINAGE CONDITIONS EXIST)
  - INSTALL TREE PER DETAIL AVOIDING DAMAGE TO ROOTBALL OR TREE TRUNK.
  - ADD SPECIFIED FERTILIZER TABLETS & MYCORRHIZAL TRANSPLANT INOCULANT TO TREE PIT.
  - REMOVE BURLAP ON TOP 1/3 OF TREE ROOTBALL. REMOVE BURLAP ON TOP 1/3 OF TREE ROOTBALL.
  - IMMEDIATELY SOAK TREE PIT WITH WATER AND REMOVE ANY AIR POCKETS THAT MAY HAVE OCCURRED DURING BACKFILLING.

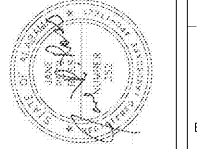
**2 SECTION: TYPICAL TREE PLANTING**



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ISSUE DATE	ISSUE
11/30/2017	BID ISSUE

Oneonta Community Development  
Center  
100 1st Ave W.  
Oneonta, AL 35121  
GMC # ABHM170022  
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**LANDSCAPE PLAN**  
**L1.00**  
Sheet 1 of 22

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