Landscape campus beautification and our urban forest play an important role in recruiting students and faculty while enhancing the quality of life for everyone that works at or calls OSU home. Landscape design and tree protection standards must be followed to ensure aesthetic continuity, maintenance affordability, and tree protection. Landscaping and Trees are a major investment and asset to the campus and should be protected and preserved to the greatest extent possible when designing and constructing new buildings, remodeling old building, upgrading or installing new utilities. As a Tree Campus USA member, our requirements and objectives are to promote, educate and sustain a healthy urban forest and landscape that will benefit the campus and surrounding community. OSU’s Tree Protection Standards, Tree Care Plan, Landscape Master Plan, Landscape Design Standards and Irrigation Specification Standards can be found on the OSU Facility’s Management website https://fm.okstate.edu/landscape-services. For landscape design and tree protection questions call 405-744-4753.

**OSU LANDSCAPE DESIGN STANDARD HIGHLIGHTS**

Specific additional details must be followed and are found on the Facilities Management Landscape Services website https://fm.okstate.edu/landscape-services

1. **Site Specific**
   a. Minimum slope grades 5:1
   b. No rip rap. Concrete only
   c. No roof drains or downspouts directed in to landscape beds or turf.
   d. Maintenance on the jobsite is the responsibility of the contractor
      i. Litter pick up
      ii. Weeds
      iii. Mowing

2. **Tree Protection**
   a. Trees must be shown with canopy width on site surveys
   b. Tree protection fencing will be installed prior to construction by OSU Landscape Services
   c. Tree protection guidelines must be in construction bid documents.
   d. Pre-construction contractor meeting will include mandatory tree protection training
   e. Construction site porta potties are not allowed under the tree canopies
   f. Maintenance in the tree protection areas will be done by OSU Landscape Services

3. **Irrigation (Please Refer to the Full Irrigation Standards)**
   a. Controller
      i. Placement – outside preferred, key if in a locked room
         1. Outside location to be approved by OSU Landscape Services
2. Inside requires a 1” sleeve to be installed for 2 wire from the controller to the field.
   a. Sleeve must exit below top of soil grade and extend one foot past any concrete
   ii. Wiring – 120v direct wire dedicated circuit
   iii. Hunter ACC-99D
   iv. Data drop
   v. Ethernet module – Hunter Com Lan module
b. Back flow
   i. Watt, Wilkins, Febco
   ii. Preferred Watts 4” 909RPDA
   iii. 2” sch 40
   iv. Non-Potable Water
   v. Cover – Hubbell Lokbox Model LB3N
   vi. Wiring – 120v dedicated circuit GFI outlet
      1. If backflow is outdoors the wire is required to be inside the hotbox
c. 6 inch sleeves schedule 40
   i. Tracer wire required with any sleeve installation
d. Tracer wire
   i. #12 solid copper
   ii. Purple insulation
   iii. Sleeves to be no less than 24” deep and no more than 36”

(Detailed irrigation standards can be found on the website link noted above)

4. Hardscape
   a. Pavers
      i. Plazas, Bike Racks
         1. Holland 98, 6cm, Autumn Blend 4x8 pavers, chamfered edge
         2. EnduraColor Facemix Technology
            a. EnduraColor products are manufactured in a two-step process which combines a base of coarser aggregates for a stronger foundation, with concentrated color and wear-resistant finer aggregates on top. EnduraColor products are highly resistant to fading because the top layer prevents large, lighter color aggregates from showing through.
            3. Keystone
      ii. Legacy Walk
         1. Holland 98, 8cm, Autumn Blend 4x8 permeable pavers, chamfered edge
         2. Keystone
      iii. Monroe/Vehicular Traffic Areas
         1. Parkway Pavers OSU Orange, 8cm
2. Parkway Pavers Charcoal, 8cm
3. Keystone
iv. Walkways/Red Carpet Entry
   1. Glen Gery Classic Red, 2-1/4 x4x8, Solid Clay pavers, square edge
   2. Trinity Brick Sales, Iowa Plant
v. Bench Pads, Trashcan Pads, Light Post Bases, Bike Rack Pads, Sign Bases
   1. Romanstone Holland Stone Classic Red, 4x8, chamfered edge
   2. Midwest Block & Brick
vi. Gallagher Iba – OSU Letters
   1. Endicott-Clay, Dark Ironspot Black, square edge clay pavers,
      2-1/4 x 3-5/8 x 7-5/8
   2. Chandler Materials
vii. All pavers must be sealed
    1. SureBond 1300 Sealer
    2. Joint stabilizing sealer
    3. Supplied by Keystone
b. Rock
   i. Chopped brown Hackett Stone
   ii. Field Limestone (Theta Pond)
   iii. No concrete modular wall blocks to be used

5. Site Furnishing
   a. Trash/Recycle Receptacles
      i. Victor Stanley
      ii. SDC 36
      iii. Steel with plastic liner
      iv. Black
      v. Interior latch
      vi. Each trash location should also have a recycle can next to it
b. Benches
   i. DuMor
   ii. Series 58 bench
   iii. Black
   iv. 6’ or 8’
   v. Supplied by ACS Playground
   c. Bike Loops
   i. DuMor
   ii. Series 83 Bike Rack
   iii. Black
   iv. Imbedded option
   v. Spaced 3’ apart when installing
   vi. Supplied by ACS Playground
   d. Street Light Assembly – Single Fixture
      i. Holophane
ii. Pole
   1. SiteLink Pole
   2. 5.75” fluted aluminum
   3. 24” North Yorkshire Base
   4. 21’ Height
   5. Dark bronze color

iii. Fixture
   1. Esplanade tear drop
   2. Decorative Shallow Skirt
   3. West Liberty Leveling Fitter
   4. Dark bronze color

iv. Cross Arm
   1. ATC Single Arm

e. Street Light Assembly – Double Fixture
   i. Holophane
   ii. Pole
      1. SiteLink Pole
      2. 5.75” fluted aluminum
      3. 24” North Yorkshire Base
      4. 21’ Height
      5. Dark bronze color
   iii. Fixture
      1. Esplanade tear drop
      2. Decorative Shallow Skirt
      3. West Liberty Leveling Fitter
      4. Dark bronze color
   iv. Cross Arm
      1. West Liberty Twin Cross arm

f. Parking Lot Light Assembly – Double Fixture
   i. Holophane
   ii. Pole
      1. SiteLink Pole
      2. 5.75” fluted aluminum
      3. 24” North Yorkshire Base
      4. 21’ Height
      5. Dark bronze color
   iii. Fixture
      1. Esplanade tear drop
      2. Decorative shallow skirt
      3. West Liberty leveling fitter
      4. Dark bronze color

g. Pedestrian Light Assembly
   i. Holophane
   ii. Pole
1. SiteLink Pole
   2. 4.5” fluted aluminum
   3. 17” North Yorkshire Base
   4. 12’ Height
   5. Dark bronze color

   iii. Fixture
       1. Utility post op
       2. Full cut off
       3. Spike finial

h. Tables
   i. Landscape Forms
   ii. Steelhead Table with perforated top and Catena Base
       iii. 42” or 36”
   iv. Round
   v. Black

i. Chairs
   i. Tropitone
   ii. Veercast dining Chair
       iii. Black

j. Picnic Tables
   i. Supplied by U-Line
   ii. H-2129BL 8’ Rectangle
       iii. Black

k. A Frames
   i. All locations must be approved through John Heusel in the Sign Shop
   ii. Clampitt Paper
       iii. Swing Pro Sign Frame with Water/Sand base

l. Skate Stops
   i. Childress Laser Series Surface Mount
   ii. Supplier: Skate Stoppers
       iii. White Tombasil

m. Planters
   i. Dura Art Stone
   ii. Campanile
       iii. Precast concrete, GFRC or Glasscrete
   iv. Nordic Cream with light sand blast finish
       v. Round or Square

n. Bollards
   i. Reliance Foundry
   ii. Model R-7539
       iii. Black
       iv. Different bases depending on if it is removable or not, and what the location is.

o. Flag Poles – Silver

p. Post and Chain
i. Hoover Fence Company
ii. Boston Garden Post
iii. Cast aluminum cap, extruded aluminum post, galvanize steel chain
iv. Black Powder Coad
v. 48” post length
vi. 5/16” chain

q. Donor Signage
   i. Bronze plaques
   ii. Engraved Pavers
   iii. No granite markers

r. Fire hydrants – Bronze body, pressure color code on the caps

s. Hand rails – Black

t. Dumpster Enclosure Gates – Black

u. Handicap ramp tactile strip – Red

v. Parking signs – color beige

6. Sod
   a. All turf varieties must be approved by OSU Landscape Services
   b. Must be rolled
   c. Netting must be removed from the big rolls
      i. Netting must be removed from property and disposed at sod contractors expense
   d. Grading/site prep
      i. ½” below finished grade around sidewalks, curbs, and other hardscapes
   e. Lay sod in brick pattern
      i. No overlap of the pieces
      ii. Level with existing sod
   f. No debris shall be left behind

7. Grading and Site Prep
   a. Trailer and set-down areas
      i. All gravel that was hauled in must be hauled out
      ii. Sandy loam soil will be used to bring site to original grade
      iii. No construction or building debris 24” below the finished grade surface
   b. Area around the construction site
      i. All gravel, precast, construction materials, bricks, concrete and other construction debris must be removed
      ii. Entire site to be decompacted
   c. Grading requirements
      1. Landscape beds should be graded 3” below finished grade
      2. Sod areas should be graded ½” below finished grade of sidewalks and curbs