

SECTION 32 10 00: Exterior Improvements

Document revision history: 08/2019 – Original Publication

Date	Section	Description of Change

PART 1 – GENERAL

1.1 Summary

- a. Not applicable.

1.2 Submittals

- a. Product data.

1.3 Qualifications

- b. Not applicable.

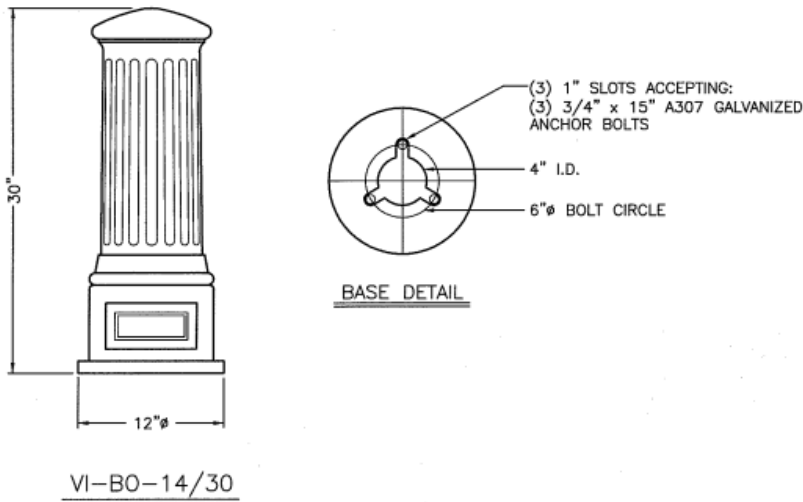
PART 2 – PRODUCTS

1.1 Materials

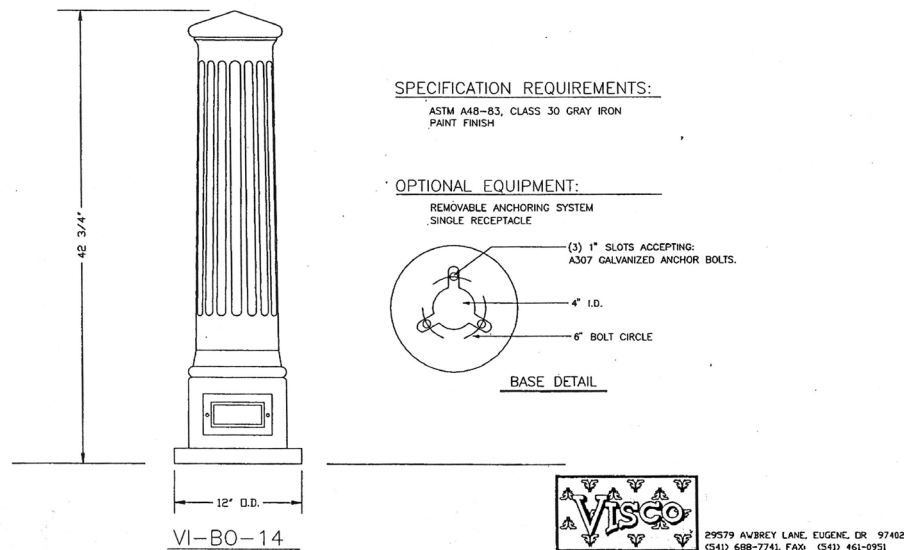
- a. All non-approved exterior furnishings proposed for publicly viewed areas on campus require CPC and/or Campus Planning review and approval.
- b. Outdoor furnishings within building courtyards or private outdoor spaces, not seen by the public, are at the discretion of the building occupants and departments. Notification to Campus Planning is recommended prior to purchase.

1.2 Site Furnishings

- a. Removable Bollards, OFCI: VISCO #VI-BO-14-30-RB, aluminum construction, powder-coated UO Green.



- b. Permanent Bollards, OFCI: VISCO #VI-BO-14, powder-coated UO Green.



- c. Exterior Benches, OFCI: Parkside, Model #2604 by Gardenside, LTD.
- General Data:
 - i. Where possible, incorporate exterior seating into site walls and ledges.
 - ii. Bolt down benches with bracket and anchors provided by Owner.
 - iii. 5 foot length is preferred. 6 foot length to be approved by Owner.
- d. Trash Cans, OFCI: Anova #L2900 Metrix 40 gallon receptacle with single side door; Powder coat UO Green.
- e. Bike Parking Racks, OFCI: Round Hoop Style Rail Mount Model by Radius Pipe Bending, or equal.
- Contact Campus Planning for bike parking requirements.
 - Campus Planning and Facility Services oversee the placement of bicycle parking and the development of circulation systems.
 - All bike parking must be identified on Site Plans and locations reviewed by Campus Planning.
 - Hoop style racks on metal rails are preferred and are to be powder coated UO Green.
 - Product Data:
 - i. Hoop Rack Material: 1-7/8" OD ASTM A53 Schedule 40 Steel Pipe.
 - ii. Height: 36 inches
 - iii. Hoop Width: 18 inches
 - iv. Spacing: 36 inches between hoops is preferred. Spacing can be reduced to 30 inches between hoops with Owner approval.
 - v. Rail Mount Material: 1" x 2" x 1/8" bar channel with 2 – 1/2" holes for anchoring near each hoop. Bike racks with 2 hoops to have 4 holes, 3 hoops to have 6 holes, etc. Coordinate type of anchor with Owner.



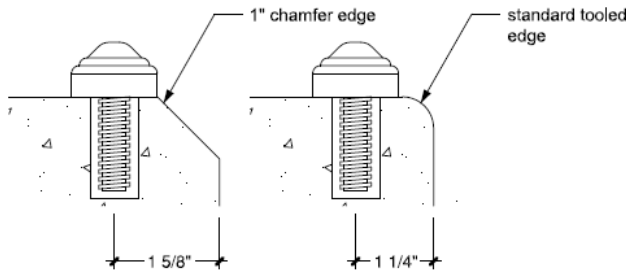
- For individually mounted hoop racks install with a flange mount pad with the following characteristics: 6” round, ¼” steel plate with (2) ½” holes for anchoring.
- For other styles of bike racks (rib, wave, hair-pin, diagonal hoop, etc.) Campus Planning approval is required.
- Where vertical racks are used follow the manufacturer’s recommended spacing and mounting requirements.
- Consider the layout and design of bike parking to accommodate a wide range of styles and types of bikes. Coordinate with Campus Planning.

f. Bicycle lockers, CFCI:

- In general, where there are existing bike lockers match the color of existing lockers. Where there are no other lockers in the area lockers to be UO Green. Confirm color with Campus Planning.
- Minimum aisle dimension is 5 feet.
- Handle Style: T-handle with lock.
- Double bike lockers.
- Approved products:
 - i. Cycle-Safe, ProPark Standard Model (Mo6): (<https://cyclesafe.com/bike-parking/bike-lockers/propark-standard-model/>), or approved equal.
 - ii. Huntco, BV-2 Double Bike Locker: (<https://huntco.com/double-bike-locker>)

1.4 Skate Deterrents

- a. All seat and retaining walls less than 5 feet in height must utilize anti-skating strategies. Integrate skate deterrents or interruption strategies into the design of the concrete. Skate deterrents or strategies shall not be secured in mortar joints.
- b. Unless otherwise specified. Typical OFOI skate deterrents:



NOTES:

- Skateboard bumps provided by University (hot dip galvanized or standard green powder coated finish).
- 1 ¼" minimum on center set back from edge of wall.
- 2' to 3' spacing on center (depending upon wall material and jointing).
- Bumps to be anchored in a 5/8" hole by epoxy cement.

ANTI-SKATEBOARD BUMP
Typical Installation



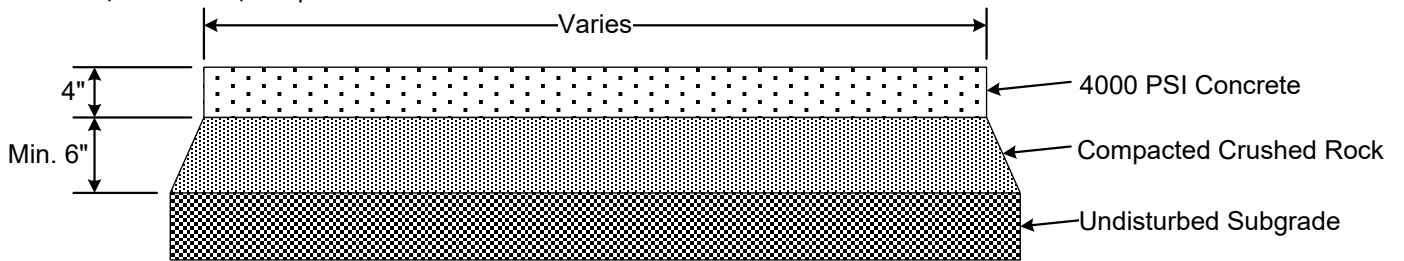
PART 3 – EXECUTION

1.5 Site Paving

- a. Vehicle loaded access shall be provided at building perimeters for the purpose of maintenance activities.
- b. All ADA accessible parking spaces and aisles must be constructed in concrete.

1.6 Sidewalks

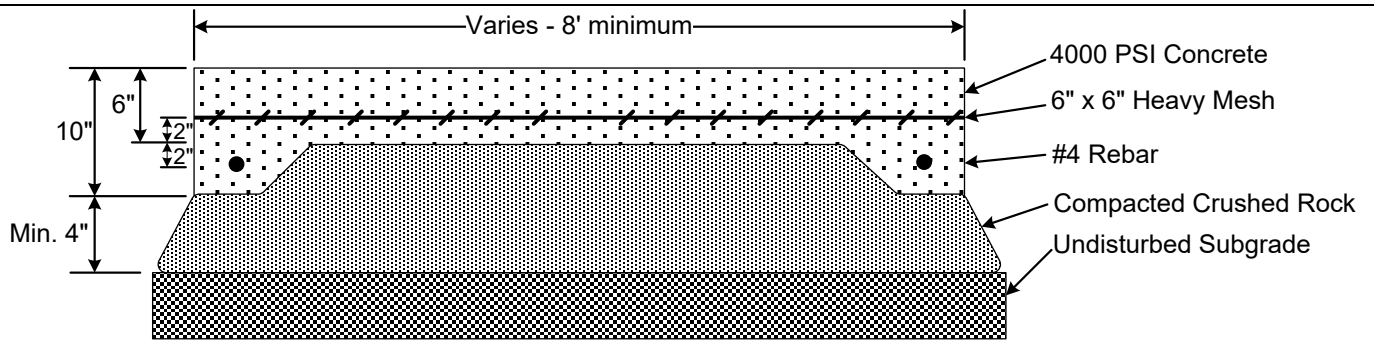
- b. If utility vaults, metal covers, etc. are located in sidewalks the surface is to be textured to reduce slip hazards.
- c. All ADA accessible routes must be constructed in concrete.
- d. Water vaults are not to be located in sidewalks.
- e. Standard sidewalk detail: Standard sidewalks designed to support pedestrian traffic only will have a minimum of 4 inches of 4000psi concrete with a 6 inch minimum of base rock.



Standard Walk

No Scale

- f. Vehicle loaded sidewalk detail: Sidewalks designed to support vehicle weight will have thickened edges and rebar to support vehicle weight; minimum of 6 inches of 4000psi concrete with a 4 inch minimum of base rock at the outside thickened edge.



Maintenance Vehicle Access Sidewalk

No Scale

End of Section

SECTION 32 90 00: Planting

Document revision history: 1/22 Original Publication

Date	Section	Description of Change

PART 1 – GENERAL

1.1 Summary

1.2 Submittals

- a. Products, plants lists and suppliers, contractor information.

1.3 Qualifications

- a.

PART 2 – PRODUCTS

2.1 Soil for lawns

- a. Loam or sandy loam free of noxious weeds, including, but not limited to horse tail; oxalis; morning glory; thistle; etc.

2.2 Soil for Landscape Areas

- a. Imported, pre-mixed soil blend intended for shrub and landscape beds composed of loam, compost, and aged bark fines.

2.3 Seed mix at lawns

- a. Three-way perennial ryegrass blend suitable for establishing lawns within the Willamette Valley. Specify mix specific to microclimate for sun or shade.

2.4 Bark Mulch

- a. Douglas fir bark mulch intended for use in shrub and landscape beds.

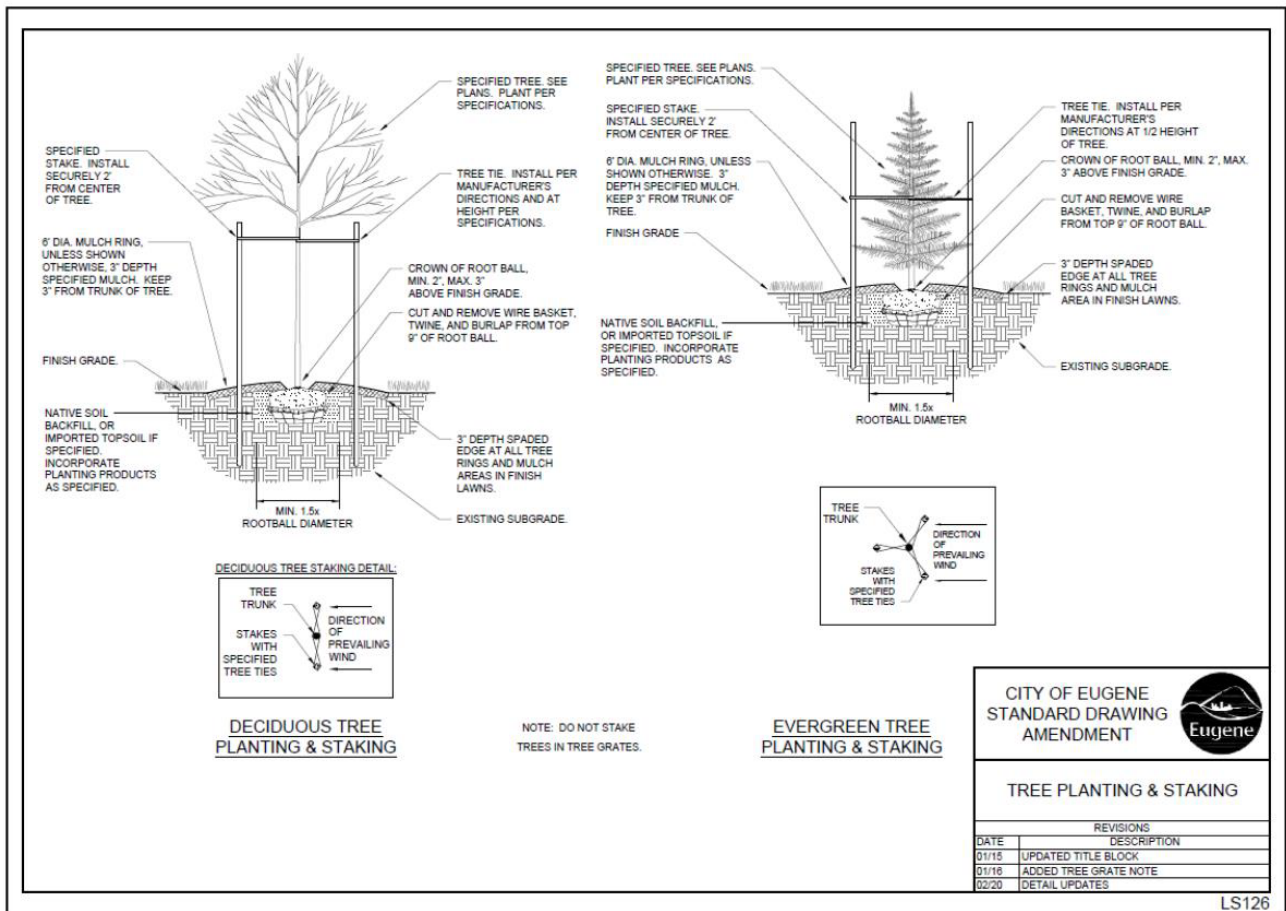
2.5 Imported soil for planting areas shall be Lane Forest frugal mix or approved equal.

PART 3 – EXECUTION

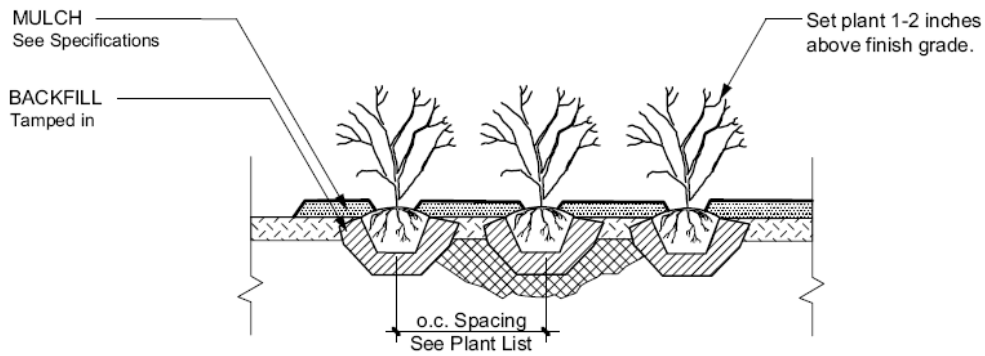
3.1 Plantings

- b. Materials likely to require excessive maintenance shall be avoided or judiciously located with Owner’s Representative prior to approval.
- c. 12 inches of soil is required for all lawn/grass areas.
- d. 18 inches of soil is required for all tree, shrub, and planted areas. Excavate to native soil.
- e. Mature width of plant should allow for 2 feet of clearance from buildings.
- f. Mature height and width of plants and trees shall be included with plant list on design and construction documents.
- g. Planting is not allowed within tree drip lines, unless approved by Owners Representative.
- h. Prior to final soil placement:
 - Remove all temporary construction sub-grades.

- Existing subgrade to be scarified prior to final soil placement and planting.
 - No soil tillage under existing tree canopies.
 - Soil and imported soils are to be free of noxious weeds: horse tail; oxalis; morning glory; thistle; etc.
- i. Tree locations:
- See also requirements of the Campus Tree Plan.
 - Trees with fleshy fruits shall not be planted adjacent to paved areas or entries.
 - Consider mature size of tree canopy and its proximity to any building.
 - Ornamental trees shall be planted a minimum of 6 feet from buildings.
- j. Tree locations shall consider maintenance issues. Tree selection:
- Approved street trees are consistent with the City of Eugene street tree list.
- k. Typical tree planting details:



- l. Shrub Planting:
- Remove plant tags, string, and stakes.
 - Do not cover crown of plants with mulch.
- m. Typical shrub planting detail:



SHRUB & PERENNIAL

3