Please see the following updated list of standards we would like added to (The Instructions to Design Professionals & contractors package).

Section: Currently located
* No surface discharge off of down spouts / subsurface drainage only.
* Erosion control - **No** "Net" straw erosion control blankets, geotextiles or geomembranes to be used on campus. (see pictures provided)
* No bed edging, metal or otherwise to be used on campus.
* Job site/lay down area - All gravel used in temporary roads etc. **must** be completely removed from soil.
* Grading 1/10 inch to final grade.

“NO” GEOTEXTILES/GEOMEMBRANES

No “net” erosion control blanket/mats
**Dumpster pads / Refuse Truck: Section 5 – page 52**

- Concrete pads must be at least 12’ x 12’ and at lease 6” deep with reinforced concrete.
- Refuse truck requires at least 12’ width for proper clearance.

**DUMPSTER W/ Concrete pad & stop**

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**Bollard Standards**

- All Bollards are powder coated (Black).
- Bollard height – 31” from ground to top of bollard.
- 2-1/2” bollards made of schedule 40 metal pipe with chains to be used in traffic and Pedestrian control are to be placed at 9’ o.c. Chain type – 3/16 GR 30 proof coil. Chain tabs are located 5” from top of bollard and can be purchased from Landscape Services. (see pictures provided)
- 4” Removable bollards for roadways must have a (spring loaded/lockable cap) receiver with spacing set at 6’6” o.c. and can be purchased from Landscape Services. (see pictures provided)
- Reflector tape must be placed on top portion of bollard when in roadways. Reflective tape to be used is 2” DOT approved / red and white.
- 4” removable bollards should be made of “emt” conduit pipe.
Removable Bollard:

Removable spring loaded bollard cap: Reflective tape:
2-1/2” Bollard w/ chain placement:

2-1/2” Bollard tab:
*Irrigation : Section 5 – currently located on page 52

- 4" sleeve required under sidewalks (two sleeves side by side required in some locations TBD by L.S. or F.P.). Schedule 40 pvc pipe to be used.
- Sleeve locations must be marked with a riser pipe with a 90degree elbow to be stubbed up 2’ above grade and caped off.
- Concrete shall be stamped with a (V) stamp to mark locations of sleeves. (see pictures provided) If the sleeve is placed under a sidewalk, both sides of the sidewalk must be stamped.
- Electrical disconnect needed on outside of building for Irrigation Controller. Location of disconnect (TBD by F.P. and or L.S.). (See picture provided)

Concrete “V” stamp to mark sleeves
Disconnect for irrigation:

4" PVC pipe riser to mark sleeve w/90 degree elbow for irrigation sleeve: