

## **CONSTRUCTION STANDARDS**

Note: The buildings on the UCCS campus are divided into two categories: General Fund and Auxiliaries. General Fund Buildings include academic and administrative functions. Auxiliary buildings include residence halls, athletic, and dining facilities. In some cases, construction standards differ depending on the building category. Confirm building category with Facilities Services Project Manager.

### **DIVISION FIVE: METALS**

#### **1. Site Railings**

- a. Schedule 40 pipe
- b. 1 ½" dia. handrails
- c. 2" posts & rails
- d. 3/8" solid bar pickets @ 4" O.C.
- e. Rails to be galvanized
- f. Grind welds smooth
- g. Powder coat finish – RAL 6009 (dark green)
- h. Installation at concrete: weld to embed plate in concrete; no core drilling allowed as this causes adjacent slabs to crack
- i. No railings with integrated lighting systems
- j. See campus standard design below

#### **2. Handrails**

- a. Construction and installation per Site Railings above
- b. 1 ½" dia. posts and railings
- c. See campus standard design below

#### **3. Bollards**

- a. 6" dia.x1/4" galvanized pipe
- b. Fill with concrete, dome concrete on top to drain
- c. Powercoated paint to match building standard and install two bands reflective tape on bollard – coordinate finish with UCCS Project Manager

#### **4. Skate Stops**

- a. Skatestoppers 'G' series stainless steel
- b. Spacing: 4'-0" O.C.
- c. Use cast-in place model when installed in concrete

#### **5. Campus-standard designs below**



# UCCS Campus Standard Handrail

