

Edison State College Design & Construction Guidelines

Site Equipment

02000-1

Item	Details	Manufacturer	Model/Material
Site Furniture	Concrete Site Tables/Benches	Wausau or equivalent	
Water	Backflow Preventor Assembly	3/4" thru 2" Watts or Equal	Wilkins/Zurn
		4" thru 12" / O S & Y Valves w/Kennedy valves	FEC Co. or Equal. M/N - 856
		4" thru 12" Valves	Kennedy
	Couplings, Sleeves & Accessories	AWWA C153	
	Ductile Iron Pipe	AWWA C151	
	Fire Dept Connection	Sidewalk siamese connection	Elkhart
		swingcheck valve Armstrong	M/N - 75
	Fire Hydrant	2 1/2" x 2 1/2" x 4 1/2" Nozzles	Clow
	Fittings	AWWA C153	
	Gatevalve	>2" Brass	NIBCO or Equal
		4"-12"	NIBCO or Equal
	Meters	1 1/2"	Hershey Meters or Badger
		1"	Badger
		2"	Badger
		4" or larger	Hershey
Polyvinyl Chloride Pipe	AWWA C900		
Water Service 2" & smaller	for PVC Saddles		
Water Valve Box	Tyler		
Underground Chilled Water	Couplings & sleeves	AWWA C153	
	Ductile Iron Pipe	AWWA C151	
	Fittings	AWWA C153	
	3"-16" w/Jacket PVC Size 6"-20"	AWWA C900	
	Tapping sleeves and valves	sleeves	
	Valves	2" or smaller	Milvaco or Equal
butterfly 14" & larger		Milvaco or Equal	
gate 4" thru 12"		Milvaco or Equal	

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Item	Details	Manufacturer	Model/Material
Storm Sewer System Specification	Covers and Frames	24"/Storm Sewer	U.S. Foundry & MFG. Corp.
	Grates Frames	Reticuline Bars	
Landscaping	Mains and Pressure Pipe	PVC	Schedule 40
	Pipe & Pipe Fittings	PVC	Schedule 40
	Sprinkler	Hunter	PGP
	Electric Globe/Angle Valve	Irritrol	200B Series
	Irrigation Control	Rain Bird	ESP-LX & LXi Plus Series
	Irrigation Heads	Rain Bird	5004 SPC, 5006 SPC and 50012 SPC

### Trenching

Any trenching on Edison Campus shall comply with the Florida Trench Safety Act Florida Statutes Part III and OSHA standards.

[http://www.flsenate.gov/Statutes/index.cfm?App\\_mode=Display\\_Statute&URL=Ch0553/part03.htm&StatuteYear=2006&Title=%2D%3E2006%2D%3EChapter%20553%2D%3EPart%20III](http://www.flsenate.gov/Statutes/index.cfm?App_mode=Display_Statute&URL=Ch0553/part03.htm&StatuteYear=2006&Title=%2D%3E2006%2D%3EChapter%20553%2D%3EPart%20III)

**423.10.2.7 Vehicle parking areas.** Vehicle parking areas shall comply with minimum parking space requirements in this section. Except for parking space requirements to meet federal and state accessibility laws, where alternate transportation or parking arrangements are available the parking area requirements may be reduced from these standards if sufficient justification documentation is provided and if the review authority approves the reduction based on the justification. Over-flow parking areas may utilize alternative parking surfaces which facilitate water absorption rather than runoff when approved for use by the review authority. This requirement usually applies to a percentage of the parking spaces, not all of them.

**Exception:** Accessible parking spaces shall be hard surface.

**423.10.2.8 Minimum parking requirements.**

**423.10.2.8.1 Faculty and staff.** One space for each member.

**423.10.2.8.2 Visitors.** One space for every 100 students.

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- **423.10.2.8.3 Community clinics where provided.** Ten spaces, including one accessible space.
- **423.10.2.8.4 High schools.** One space for every 10 students in grades 11 and 12.
- **423.10.2.8.5 Vocational schools.** One space for every two students.
- **423.10.2.8.6 Community colleges.** One space for every two students.
- **423.10.2.8.7 Accessible parking.** Parking spaces designated for persons with disabilities shall comply with the ADA, [Chapter 11 of the Florida Building Code, Building](#), and Section [316.1955, Florida Statutes](#).

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