Landscape Revitalization, Outdoor Education Zones Planning Activity Outcomes

Planning & Resources Council

Planning Outcome Highlights

- **Landscape Revitalization – Outdoor Education Zones**
  - Supports the GCCCD sustainability efforts.
  - Helped reduce the colleges water usage (**Promote Institutional Effectiveness**)
  - Landscape incorporated into course curriculum (**Provide an Exceptional Learning Environment**)
  - Provides a community resource demonstrating native plants and drought tolerant approaches. (**Respond to Evolving Community Needs)**
  - **http://vimeo.com/m/86217104**

Planning Principals and Sustainability Goals

- **Supports GCCCD Facilities Planning Principles**
  - Provide healthy and comfortable learning and working environments
  - Support sustainable campus operations
  - Minimize the use of natural resources and negative impacts to the environment
- **Meets GCCCD Sustainability Goals**
  - Campuses as Living Laboratories
  - Be champions of sustainability
  - Incorporate native/adaptive drought tolerant vegetation

Student Learning Outcomes

- **Landscape incorporated into course curriculum (Provide an Exceptional Learning Environment)**
  - Geog. 121 includes these specific "native plant gardens" in 5 of its weekly labs, plus as part of 2 exams
  - Geol. 111, Geog./Geol. 172 through 176(Geology LAB) now utilizes the newly-designed education zones.
  - Biology 110 used the education zones in 5 sections (190 students).

Demonstration & Beautification

- **Provides a community resource demonstrating native plants and drought tolerant approaches.**
  (Respond to Evolving Community Needs)

Water Savings
Promote Institutional Effectiveness

- **Compared to lawn areas we are watering once a month versus daily**
- **Comparison below shows Mixed Chaparral pod versus lawn panel**

Station History — **April 22, 2014 7:27 AM**

Grossmont College
rm. 534 500 bldg so.

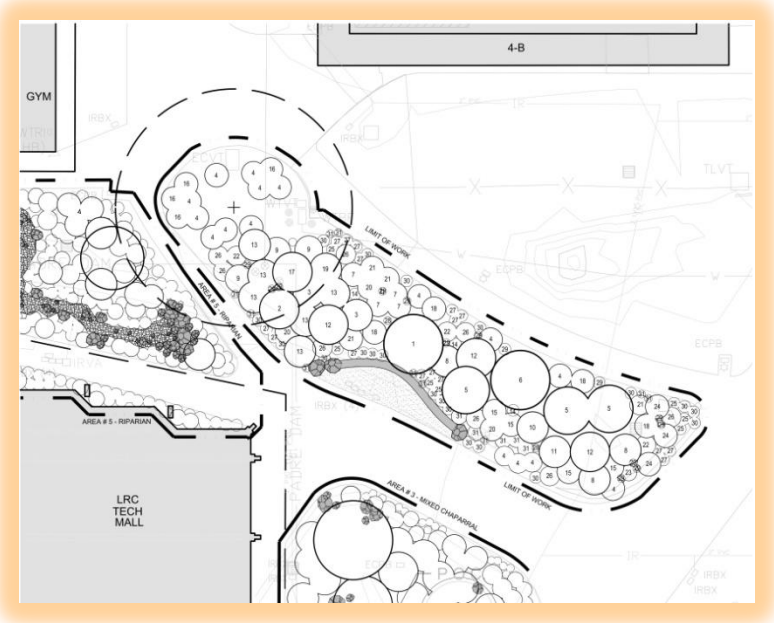
609.b

Start Date\Time	Program	Repeats	Programmed (Min)	Applied (Min)	Applied (Gal)	Applied (Inches)	High Limit (gpm)	Flow (gpm)	Low Limit (gpm)	Hold Over (Min)	Moisture Sensor Set	Moisture Sensor Last Reading	FLAG
Station 1 DTL area1													
11/11/2013 6:00 AM	C	1	21.8	21.2	382	1.41	0	---	0	-0.6	0	0	
12/16/2013 6:00 AM	C	1	15.8	15.5	279	1.03	0	---	0	-0.3	0	0	
01/13/2014 6:00 AM	C	1	16.8	16.8	302	1.11	0	---	0	0	0	0	
02/10/2014 6:00 AM	C	1	23.8	21.7	391	1.44	0	---	0	-2.1	0	0	
03/18/2014 6:00 AM	C	1	29.7	29.7	534	1.97	0	---	0	0	0	0	
04/22/2014 6:00 AM	C	1	37.7	37.6	676	2.50	0	---	0	-0.1	0	0	A
Station 4 Lawn northwest side bldg. 55													
04/14/2014 12:30 AM	A	1	32.2	32.2	1,030	0.34	0	---	0	0	0	0	
04/15/2014 12:30 AM	A	1	32.2	32.2	1,030	0.34	0	---	0	0	0	0	
04/17/2014 12:30 AM	A	1	24.2	24.2	774	0.26	0	---	0	0	0	0	
04/19/2014 12:30 AM	A	1	24.2	24.2	774	0.26	0	---	0	0	0	0	
04/21/2014 12:30 AM	A	1	24.2	24.2	774	0.26	0	---	0	0	0	0	
04/22/2014 12:30 AM	A	1	24.2	24.2	774	0.26	0	---	0	0	0	0	

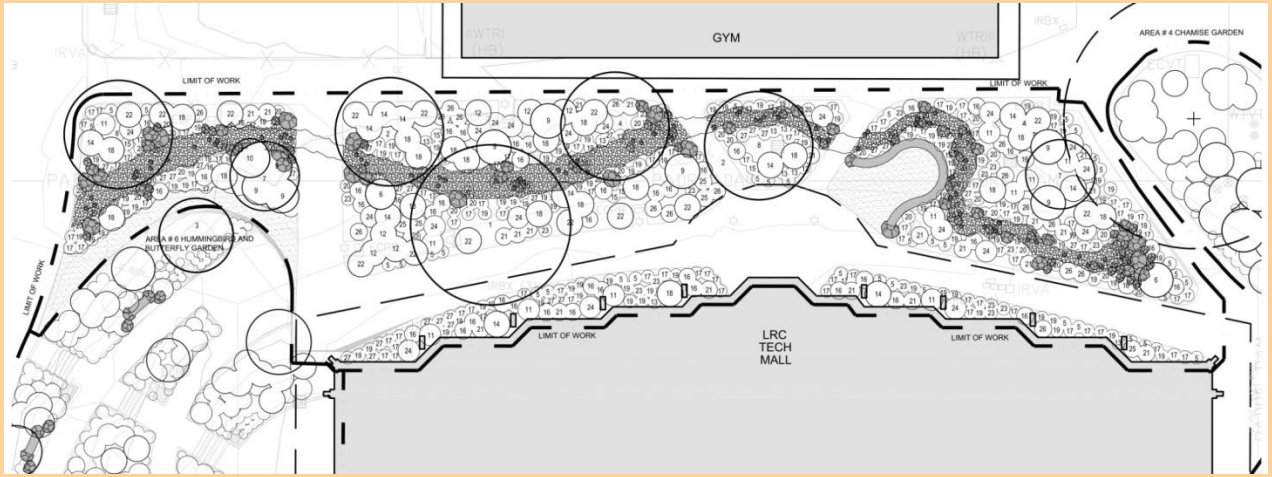
Next Second Phase Areas

- Campus Entrance south of parking lot 7
- Chamise Pod
- Riparian Pod
- Hummingbird/Butterfly garden
- Repair of native plant preserve west of building 34.
  - Damaged during Health & Sciences Complex Construction

Chamise Pod


4-B
GYM
LIMIT OF WORK
AREA # 5 - RIPARIAN
LRC
TECH
MALL
AREA # 3 - MIXED CHAPARRAL
LIMIT OF WORK

Riparian Pod



Hummingbird/Butterfly Garden