

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

CONTRACTING SERVICES
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SENT VIA: FAX ON THIS DATE
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 UNITED PARCEL SERVICE ON THIS DATE

HOLDERS OF PLANS AND SPECIFICATIONS:

Santa Ynez Landscaping
Project No. FM110334S/988768

Addendum No. 3

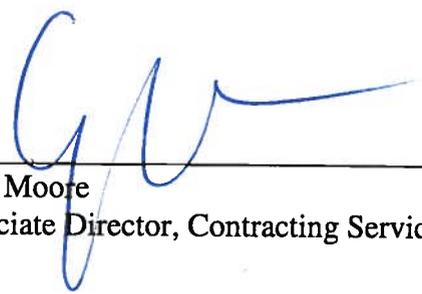
August 3, 2011

Enclosed is **ADDENDUM NO. 3** to the Construction Documents on the above-captioned project.

Bid date is August 10, 2011 at 2:30 PM to be held at:

CONTRACTING SERVICES
Facilities Management, Bldg. 439,
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.



Greg Moore
Associate Director, Contracting Services

ADDENDUM NUMBER 3

to the

CONSTRUCTION DOCUMENTS

August 3, 2011

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. SPECIFICATIONS

Item No.

1. Section 02950 - "Landscape Planting"; Part 3 – Execution; 3.02 Preparation, Sections C, D and E. **Replace** Sections C, D, and E with the following:

“C. Pre-Planting Weed Control:

1. University shall spray all weeds within project limits with a non-selective systemic contact herbicide twice over a 1 week period commencing on July 30, 2011. Clear and remove dead and live weeds at least 1/4" below the surface of the soil over the entire area to be planted. Prior to plant installation, apply water for five (5) to ten (7) consecutive days as needed, to achieve additional weed germination within project limits. If live perennial weeds are present, spray with a non-selective systemic contact herbicide. Leave sprayed plants intact for at least ten (10) days to allow systemic kill. Repeat as needed to after plant installation.

D. Post-Planting Weed Control:

1. Maintain site weed-free utilizing mechanical and chemical treatment until final acceptance by University's Representative.

E. Installation of Imported Topsoil: Provide and install imported topsoil mix in all raised planters to a finish grade of 2" below the top of the planter. Allow for settling. Refer to drawings for depth of planters.

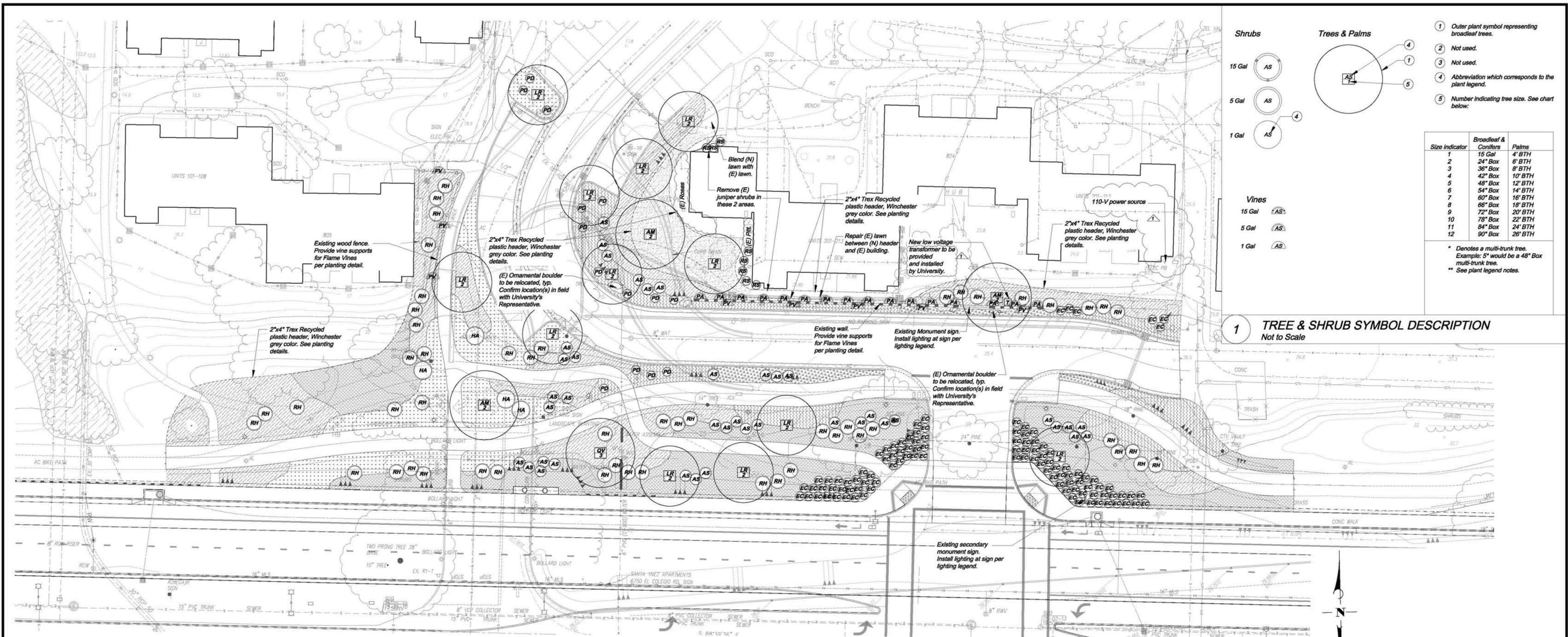
F. Disposal of Excess Soil: Dispose of any unacceptable or excess soil at an offsite location approved by University Representative.”

II. DRAWINGS

Item No.

1. DRAWING NO. L5 - PLANTING AND LANDSCAPE LIGHTING PLAN Dated 06/15/2011 **Replace** in its entirety with DRAWING NO. L5 - PLANTING AND LANDSCAPE LIGHTING PLAN Dated 07/29/2011
Revised as follows:
Note Added: Identifies the location of 110volt power source for the lighting system.
Notes revised: Notes regarding the lighting system and lighting components are revised.

END OF ADDENDUM NO. 3



Shrubs

15 Gal AS
5 Gal AS
1 Gal AS

Trees & Palms

1 Outer plant symbol representing broadleaf trees.
2 Not used.
3 Not used.
4 Abbreviation which corresponds to the plant legend.
5 Number indicating tree size. See chart below.

Size Indicator	Broadleaf & Conifers	Palms
1	15 Gal	4" BTH
2	24" Box	6" BTH
3	36" Box	8" BTH
4	42" Box	10" BTH
5	48" Box	12" BTH
6	54" Box	14" BTH
7	60" Box	16" BTH
8	66" Box	18" BTH
9	72" Box	20" BTH
10	78" Box	22" BTH
11	84" Box	24" BTH
12	90" Box	26" BTH

* Denotes a multi-trunk tree. Example: 5" would be a 48" Box multi-trunk tree.
** See plant legend notes.

1 TREE & SHRUB SYMBOL DESCRIPTION
Not to Scale

- Planting Notes**
- All plants are identified by typical symbols. Plant quantities are approximate and provided for the contractor's convenience. In the event of discrepancies in plant count, quantities indicated by plant symbols on the plan prevail.
 - At completion of rough grading, take representative soil samples (minimum of two) from the project site and source of any imported topsoil. Locations of soil samples must be approved by the Landscape Architect. Send soil samples to Wallace Soil Testing Laboratory 310-615-0116 or an approved equal for testing of suitability for ornamental planting as specified on the drawings. Submit a copy of the results of this analysis to the Landscape Architect. Make adjustments to the rate and analysis of fertilizer & amendments as recommended to provide a suitable medium for planting. Notify the Landscape Architect of any potential problems which may result due to harmful substances found in the soil. Failure to act as specified may result in contractor assuming financial responsibility for any damage to plants.
 - Contractor is responsible for finish grades and for fine grading required for surface drainage and uniformity to the satisfaction of the Landscape Architect. Advise Landscape Architect of drainage problems and make recommendations for solution. Final grades to within a tenth of a foot must be established prior to commencing planting operations.
 - Grades and flow lines must be maintained during irrigation and planting operations. Contractor may not alter established grade and flow lines without the knowledge and permission of the Landscape Architect.
 - Install North American Green SC150BN Erosion Control Fabric (Pacific Soil Stabilization Santa Maria, CA 93454 PH (800) 473-1965) on all slopes of 5:1 or greater, per manufacturer's specification.
 - The University's Representative reserves the right to review all plant material at the nursery prior to delivery to job site. In lieu of nursery review the University's Representative may request photos and/or specifications of plant material to be provided prior to delivery.
 - University's Representative reserves the right to refuse plants delivered to site that are substandard. Replacement plants are to be supplied by contractor at no additional cost to owner.
 - Plant materials and installation to meet highest quality industry standard. Locate and secure all specified plants within two weeks of award of contract and show proof of University's Representative in writing that plants have been secured. Notify University's Representative immediately of any plant sourcing difficulty.

- Include in the contract price a sufficient amount to allow for supply and installation of additional plants to be used at the direction of the Landscape Architect. Include 40 - 5 gallon, 100 - 1 gallon, 250 - 4" Pots and 500 SF of Sod. Provide the unit price for such plants in the bid and credit the owner for each plant not installed.
- Guaranty plant material 5 gallon or smaller except transplants for a period of 90 days from date of final review. Replace dead plants and plants not in vigorous condition, without cost to owner, as determined by Landscape Architect at the end of warranty period. Guarantee 5 gallon plants and larger, for 1 year from date of final review.
- Notify University's Representative of intended planting schedule a minimum of two weeks prior to planting.
- Set out all plant materials on site as shown on plan prior to arrival of University's Representative on site. Final locations must be approved by the University's Representative prior to planting.
- Plant crown to be 2" above adjacent grade for 15 gallon and larger plants; 1" above adjacent grade or plants smaller than 15 gallon.
- Install all plants per details.
- Stake trees according to industry standards per details. Review with Landscape Architect prior to work.
- Contact University's Representative for decision regarding proposed plant substitutions 4 weeks prior to installation.
- All plants delivered to the site must have legible identification tags.
- Any tree shown on plan to be installed in less than 8' (eight feet) clear distance from any curb, walkway, or foundation is to be installed with root control barriers UB 19-2 by Deep Root Corp. 800-458-7868. Install as directed by detail. Install per manufacturer's instructions. Palm trees do not require root control barriers. Landscape Architect may alter or waive requirement.
- Plant groundcovers adjacent to shrubs and/or trees 1.5 times the distance of their specified spacing away from the stems of the adjacent shrubs and trees. Groundcovers adjacent to curbs and pavement shall be spaced at specified spacing away from paved areas.
- Plant backfill:
3 Parts soil from hole
1 Part soil amendment (nitrogen fortified redwood shavings and 10 lbs. "grow power plus" per cubic yard of backfill).
- Top soil replacement:
In all planters formerly under paving, remove existing soil to a minimum depth of two feet (2') and prepare the planters in the following manner:
A. Bore six inch (6") diameter holes to a depth of eighteen inches (18") below subgrade at four feet (4') on center (minimum of one per planter area).
B. Rototill subgrade to a depth of six inches (6").
C. Replace with imported class "A" topsoil amend as directed by soil analysis/specification.
- Completely eradicate all bermuda, kikuyu grass, and other weed growth or other visible or alleged invasive weeds from areas within project limits prior to installing planting.
- Provide and install bark mulch over all shrub and groundcover areas. Use walk-on bark mulch from Agromin (800) 247-6646 or approved equal; submit sample to University's Representative for approval. Spread mulch evenly over all shrub and groundcover areas to a depth of 3" (three inches). Keep mulch away from plant stems. Submit mulch samples to University's Representative for approval prior to purchase and delivery.
- Preserve and protect all existing trees unless otherwise noted.

Tree Legend

I.D.	Botanical Name	Common Name	Qty	Size	Notes
AM	<i>Arbutus 'Marina'</i>	Strawberry Tree	3	24" Box	Single trunk, low branch.
LR	<i>Liquidambar styraciflua 'Rotundiloba'</i>	Fruitless Sweet Gum	12	24" Box	Standard. Must be fruitless.
QV	<i>Quercus virginiana</i>	Southern Live Oak	1	36" Box	Low branch, no sheared crown.

Shrubs and Perennials

I.D.	Botanical Name	Common Name	Qty	Size	Notes
AS	<i>Arctostaphylos 'Sunset'</i>	Sunset Manzanita	40	5 Gal	
EC	<i>Epilobium canum 'Catalina'</i>	Catalina Fuchsia	105	5 Gal	
HA	<i>Heteromesa arbutifolia</i>	Toyon	4	5 Gal	
PA	<i>Parthenocissus tricuspidata</i>	Boston Ivy	16	1 Gal	
PD	<i>Phormium c. 'Dark Delight'</i>	New Zealand Flax	14	5 Gal	
PV	<i>Pyrostegia venusta</i>	Flame Vine	8	5 Gal	Attached to adjacent wall per detail.
RH	<i>Rhus integrifolia</i>	Lemonade Berry	52	5 Gal	
RS	<i>Rosa species</i>	Rose	7	5 Gal	Color(s) to match existing.

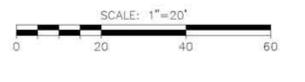
Perennials and Groundcovers

I.D.	Botanical Name	Common Name	Size	SF	Qty	Notes
AP	<i>Agapanthus 'Peter Pan'</i>	Dwarf Lily of the Nile	1 Gal	565 SF	263	Plant @ 18" O.C.
CP	<i>Carex pansa</i>	Sedge	4" Pots	3,196 SF	1,438	Plant @ 18" O.C.
FS	<i>Festuca 'Marathon II'</i>	Sod	1,390 SF	N.A.		See Planting Notes
ER	<i>Rubus pentalobus 'Emerald Carpet'</i>	Creeping Raspberry	4" Pots	5,662 SF	1,415	Plant @ 24" O.C.
SA	<i>Sesleria autumnalis</i>	Autumn Moor Grass	4" Pots	6,333 SF	1,583	Plant @ 24" O.C.
SC	<i>Sesleria caerulea</i>	Blue Moor Grass	4" Pots	2,580 SF	645	Plant @ 24" O.C.

Lighting Legend

Symbol	QTY	Type	Manufacturer	Model Number	Notes
[Symbol]	1	"Intermatic" (or equal) 75 watt low voltage remote magnetic transformer			
[Symbol]	6	LED Micro Wall Light	AuroraLight	LMWL-W-BR-G-L-F	Available at Consolidated Lighting Distributors; phone: (805) 962-9114. Install on grade. Install (4) at monument sign, (2) at secondary monument sign.

- Notes:**
- Final locations of all light fixtures to be approved by University's Representative.
 - Install all lights per manufacturer's specifications and installation details.
 - All wiring for lights to be installed in electrical conduit, below grade.
 - Existing sleeves under road may be used for wiring under existing AC paving.



NO.	DATE	REVISIONS	R.P.P.D.
1	2011.07.28	Lighting addendum.	

DESIGN: _____ CHECKED: _____

PROJECT ENGINEER: _____ DATE: _____

R.C.E. _____ SIGNATURE: _____ DATE: _____

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

REVIEWED BY: _____

100% CONSTRUCTION DOCUMENTS 06/15/2011

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UNIVERSITY OF CALIFORNIA, SANTA BARBARA

PLANTING AND LANDSCAPE LIGHTING PLAN

SANTA YNEZ LANDSCAPING

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

ARCADIA STUDIO

landscape architecture

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ARCADIA STUDIO Job Number: 09.057

P&S PROJECT NO. 18275.12

SHEET L5 OF 6

UNIVERSITY PLAN NUMBER 36-239

FM110334S/987768