

APPENDIX



APPENDIX

A. ACRONYM LIST

ADA	Americans with Disabilities Act	LEED	Leadership in Energy and Environmental Design
ADP	Area Development Plan	LEM	Laboratory Engineering Manual
ANSI	American National Standards Institute	LIR	Laboratory Implementation Regulation
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.	LVR	Light Reflectance Value
ASSHTO	American Association of Street, Highway and Transportation Officials	MUTCO	Manual of Uniform Traffic Control Devices
CD	Critical Decision	NEC	National Electric Code
CSP	Comprehensive Site Plan	NFPA	National Fire Protection Act
DOE	Department of Energy	NMNSPA	New Mexico Night Sky Protection Act
ESA	Engineering Sciences and Applications Division	PM	Project Management Division
ESH	Environment, Safety and Health Division	PM-1	Project Management 1 Group
ESH-20	Environment, Safety and Health Division 20 Group	R&D	Research and Development
GDBF	Guide for the Development of Bicycle Facilities	S	Security and Safeguards Division
HID	High Intensity Discharge	S-1	Security 1 Group
ICC	International Code Council	SS	Security and Safeguards
IDS	Intrusion Detection Systems	SSSP	Site Security and Safeguards Plan
IESNA	Illumination Engineering Society of North America	TA	Technical or Tech Area
ISSM	Integrated Security and Safeguards Management	TEC	Total Estimated Cost
LANL	Los Alamos National Laboratory	TPC	Total Project Cost
LANSCE	Los Alamos Neutron Science Center	UBC	Uniform Building Code
		U.S.	United States of America
		UFAS	Uniform Federal Accessibility Standards

APPENDIX

B. PLANT LIST

<i>This list is a list of plants approved for use at Los Alamos National Laboratory. It is not a list of all plants that grow in the local area.</i> Botanic Name Common Name		Mature Height				Flower			Shade/Sun			Moisture					Seasonal Interest					Use	
		Under 12"	1' to 3'	3' to 6'	Over 6'	Spring	Summer	Fall	Full Shade	Part Shade	Full Sun	Dry	Average	Moist	Native	Drought Tolerant	Flowers	Fruit	Full Color			Urban	Rural
TREES																							
Abies concolor	White Fir				•						•		•	•	•	•						•	
Pinus ponderosa	Ponderosa Pine				•						•	•			•	•						•	•
Acer ginnala	Amur Maple				•						•		•			•			•			•	
Acer glabrum	Rocky Mountain Maple				•						•		•		•	•		•	•			•	
Acer s. grandidentatum	Western Sugar (Bigtooth) Maple				•						•		•		•	•			•			•	
Celtis occidentalis	Common Hackberry				•	•					•	•	•		•	•		•				•	•
Crataegus crusgalli var. inermis	Thornless Cockspur Hawthorn				•	•					•		•			•		•				•	•
Juniperus scopulorum	Rocky Mountain Juniper				•						•	•			•	•		•					•
Juniperus monosperma	One-seed Juniper				•						•	•			•	•		•					•
Pinus edulis	Pinon Pine				•						•	•	•		•	•	•					•	•
Pinus flexilis	Limber Pine				•					•	•	•	•		•	•							
Populus tremuloides	Quaking Aspen				•						•		•	•	•				•				
Quercus gambelii	Gambel Oak				•					•	•	•	•		•	•							
Fraxinus pennsylvanica	Green Ash				•						•		•						•			•	
Platanus occidentalis	American Planetree				•						•		•									•	
Gleditsia triacanthos var. inermis	Thornless Honeylocust				•						•		•									•	
Malus spp.	Crabapple				•	•					•		•					•				•	
Pyrus spp.	Ornamental Pear				•	•					•		•			•	•					•	

Botanic Name		Common Name		Mature Height				Flower			Shade/Sun			Moisture					Groth Rate						Use			
				Under 12"	1' to 3'	3' to 6'	Over 6'	Spring	Summer	Fall	Full Shade	Part Shade	Full Sun	Dry	Average	Moist	Native	Drought Tolerant	Erosion Control	Screening	Slow	Moderate	Rapid	Urban	Rural			
SHRUBS																												
Artemesia tridentata		Big Sagebrush				•								•	•			•	•	•						•		•
Atriplex canescens		Four-Wing Saltbush				•							•	•				•	•	•						•		•
Caragana arborescens		Siberian Peashrub					•	•				•		•	•			•	•		•					•		•
Caryopteris x. clanodnensis		Blue-mist Shrub					•			•				•	•	•												
Chaenomeles speciosa		Common Floweringquince			•	•		•				•	•	•	•				•					•		•		
Chamaebatiaria millefolium		Fernbush				•		•				•	•	•				•	•		•					•	•	•
Chrysothamnus nauseosus		Rubber Rabbitbrush				•				•		•	•					•	•	•						•		•
Cotoneaster divaricatus		Spreading Cotoneaster				•		•				•	•		•					•				•		•	•	
Cowania mexicana		Cliffrose				•			•				•	•				•	•			•				•	•	
Cercocarpus ledifolius		Curl-leaf Mountain Mahogany				•							•	•				•	•		•	•				•	•	
Cercocarpus intricatus		Littleleaf Mountain Mahogany				•							•	•	•			•	•		•	•				•	•	
Cercocarpus montanus		Mountain Mahogany				•							•	•	•			•	•		•	•					•	
Cornus sericea 'Isanti'		Isanti Redosier Dogwood				•			•		•	•			•	•										•	•	
Elaeagnus commutata		Silverberry					•	•					•	•	•			•	•		•					•	•	•
Fallugia paradoxa		Apache Plume					•		•				•	•				•	•	•						•	•	•
Foresteria neomexicana		New Mexico Olive					•	•				•	•	•	•			•	•		•					•	•	
Forsythia 'Arnold Dwarf'		Arnold Dwarf Forsythia				•		•				•	•	•	•					•						•	•	
Forsythia 'Northern Sun'		Northern Sun Forsythia					•	•				•	•	•	•					•						•	•	

		Mature Height				Flower			Shade/Sun			Moisture					Groth Rate					Use	
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Botanic Name	Common Name																						
SHRUBS CONTINUED....																							
Juniperus spp.	Juniper Species			•						•	•	•	•				•			•		•	
Juniperus communis	Common Juniper		•						•	•		•	•		•	•	•		•				•
Lonicera involucrata	Twinberry			•			•		•	•		•	•			•			•			•	
Lonicera spp.	Honeysuckle Species				•	•	•			•	•		•						•			•	•
Mahonia aquifolium 'Compactum'	Compact Oregon Grape			•		•				•			•						•			•	
Mahonia repens	Creeping Mahonia		•			•				•			•						•			•	
Perovskia atriplicifolia	Russian Sage		•				•				•	•				•							
Pinus mugo	Mugo Pine and Varieties		•	•	•				•	•	•		•	•				•	•			•	•
Potentilla fruticosa 'Gold Drops'	Gold Drop Bush Cinquefoil		•				•				•	•	•			•			•			•	•
Potentilla fruticosa 'Klondike'	Klondike Bush Cinquefoil		•				•				•	•	•			•			•			•	•
Potentilla fruticosa 'Katherine Dykes'	Katherine Dykes Bush Cinquefoil		•				•				•	•	•			•			•			•	•
Prunus americana	American Plum				•	•					•	•	•		•	•				•		•	•
Prunus besseyi	Western Sand Cherry			•		•					•	•	•		•	•			•			•	•
Prunus virginiana melanocarpa	Common Chokecherry				•	•				•	•		•			•			•			•	•
Ribes alpinum 'Aureum'	Yellow-leaved Alpine Currant			•		•				•	•	•	•						•			•	•
Ribes alpinum 'Cereum'	Squaw Currant			•		•					•	•							•			•	
Ribes inermis	Whitestem Gooseberry			•		•			•	•	•	•	•		•				•			•	
Rosa foetida	Austrian Copper Rose				•	•					•	•	•			•					•	•	

		Mature Height				Flower			Shade/Sun			Moisture					Groth Rate					Use	
		Under 12"	1' to 3'	3' to 6'	Over 6'	Spring	Summer	Fall	Full Shade	Part Shade	Full Sun	Dry	Average	Moist	Native	Drought Tolerant	Erosion Control	Screening	Slow	Moderate	Rapid	Urban	Rural
Botanic Name	Common Name																						
SHRUBS CONTINUED....																							
Salix exigua	Coyote Willow				•	•				•		•	•	•		•				•	•	•	
Shepherdia argentea	Silver Buffaloberry				•	•				•	•			•	•	•			•		•	•	
Spiraea spp.	Spirea species			•		•				•	•		•				•		•		•		
Syringa patula 'Miss Kim'	Miss Kim Korean Lilac			•		•				•	•	•	•						•		•		
Syringa spp.	Common Lilac Species				•	•				•	•	•	•						•		•	•	
Viburnum lentago	Nannyberry Viburnum				•	•			•	•	•	•	•			•	•		•		•	•	
Yucca baccata	Banana Yucca		•			•				•	•			•	•				•		•		
Yucca glauca	Narowleaf Yucca		•			•				•	•			•	•		•		•				

[illegible]

		Percentage PLS Per Pound	Total Seeds per Pound
		Sunny Location	Shady Location
<i>Botanic Name</i>	<i>Common Name</i>		
<i>Native Grass Pure Live Seed Rates</i>			
Bouteloua gracilis	Blue Grama Grass	40 - 45%	825,000
Bouteloua curtipendula	Sideoats Grama	65 - 75%	191,000
Agropyron desertorum	Crested Wheatgrass	70 - 80%	200,000
Schizachyrium scoparium	Little Bluestem	50 - 60%	379,000
Muhlenbergia wrightii	Spike Muhly	55 - 60%	1,635,000
Hilaria jamesii	Galleta	30 - 40%	159,000
Oryzopsis hymenoides	Indian Rice Grass	65 - 75%	235,000
Agropyron smithii	Western Wheatgrass	75 - 85%	110,000
Buchloe dactyloides	Buffalo Grass	70 - 80%	56,000
Festuca arizonica	Arizona Fescue	70 - 80%	550,000
Festuca ovina	Sheep Fescue	80 - 90%	
Festuca thurberi	Thurber Fescue		
Festuca rubra var. rubra	Creeping Red Fescue	75 - 85%	615,000
Agropyron dasystachyum	Streambank Wheatgrass	80 - 90%	170,000
<i>Recommended Seed Rate Per Foot:</i>			
Average	70 - 75 seeds per foot		
Severe Sites	80 - 90 seeds per foot		