

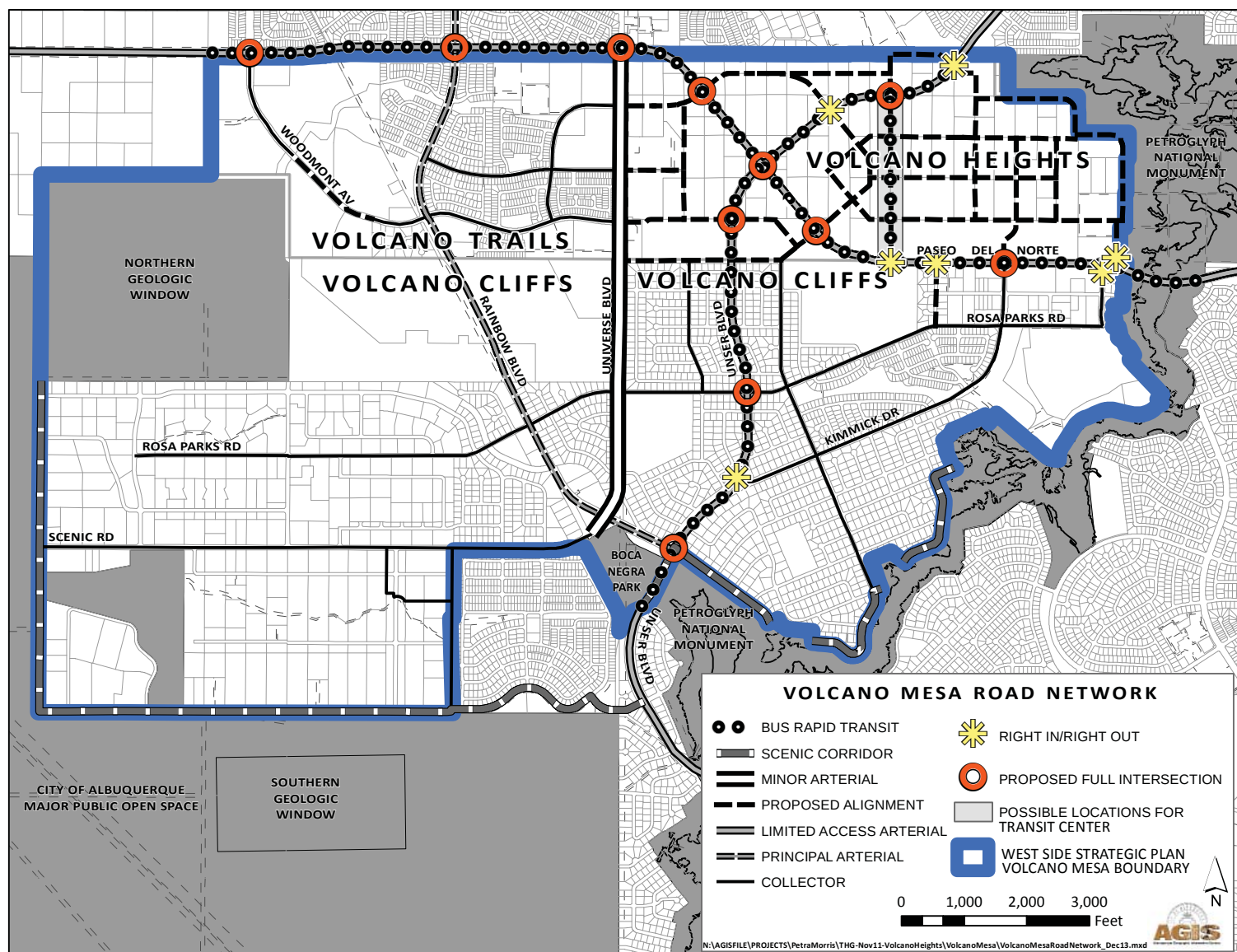


Exhibit 6, Proposed Volcano Mesa Road Network

I –Zoning

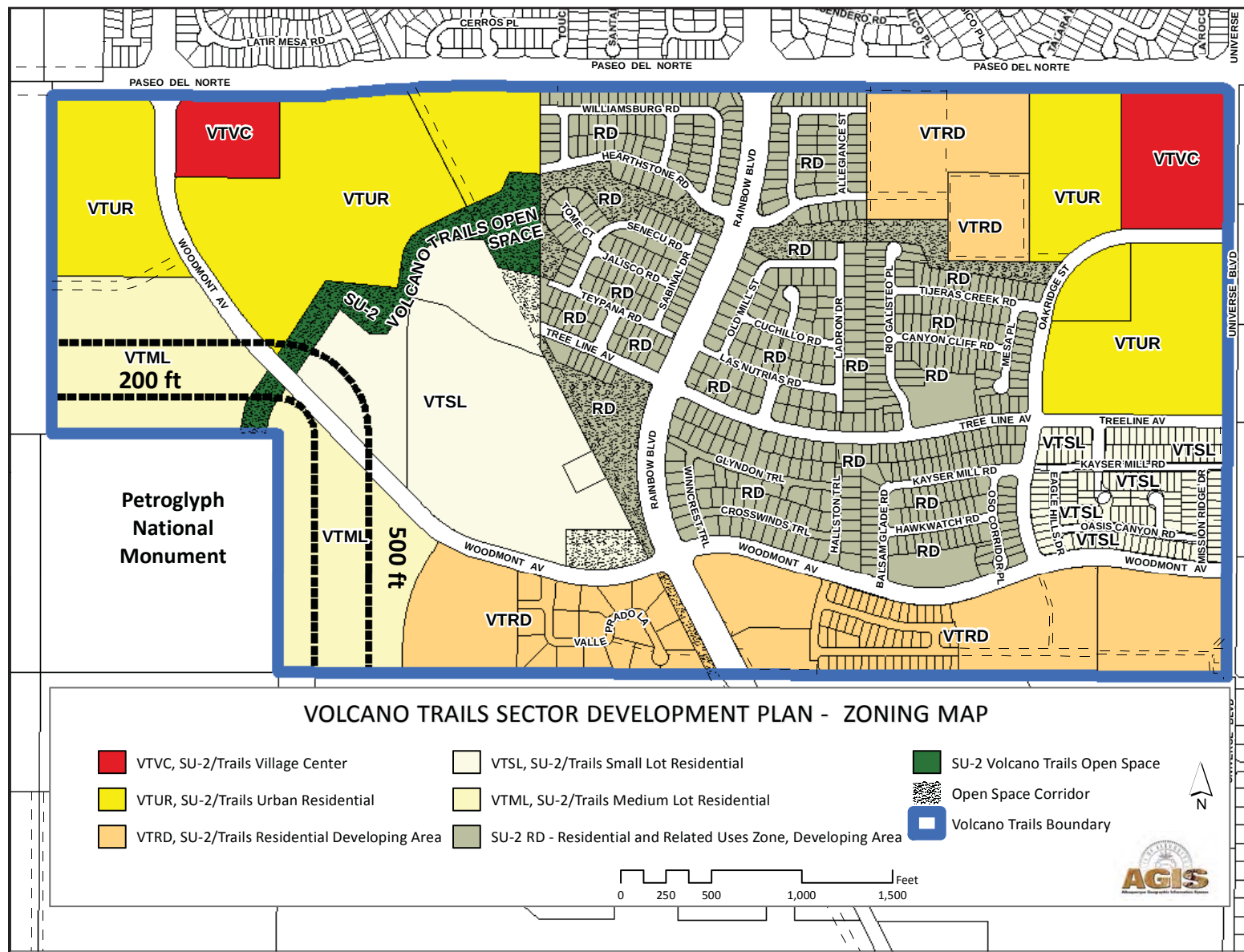


Exhibit 10, Zoning Established by the Volcano Trails Sector Development Plan

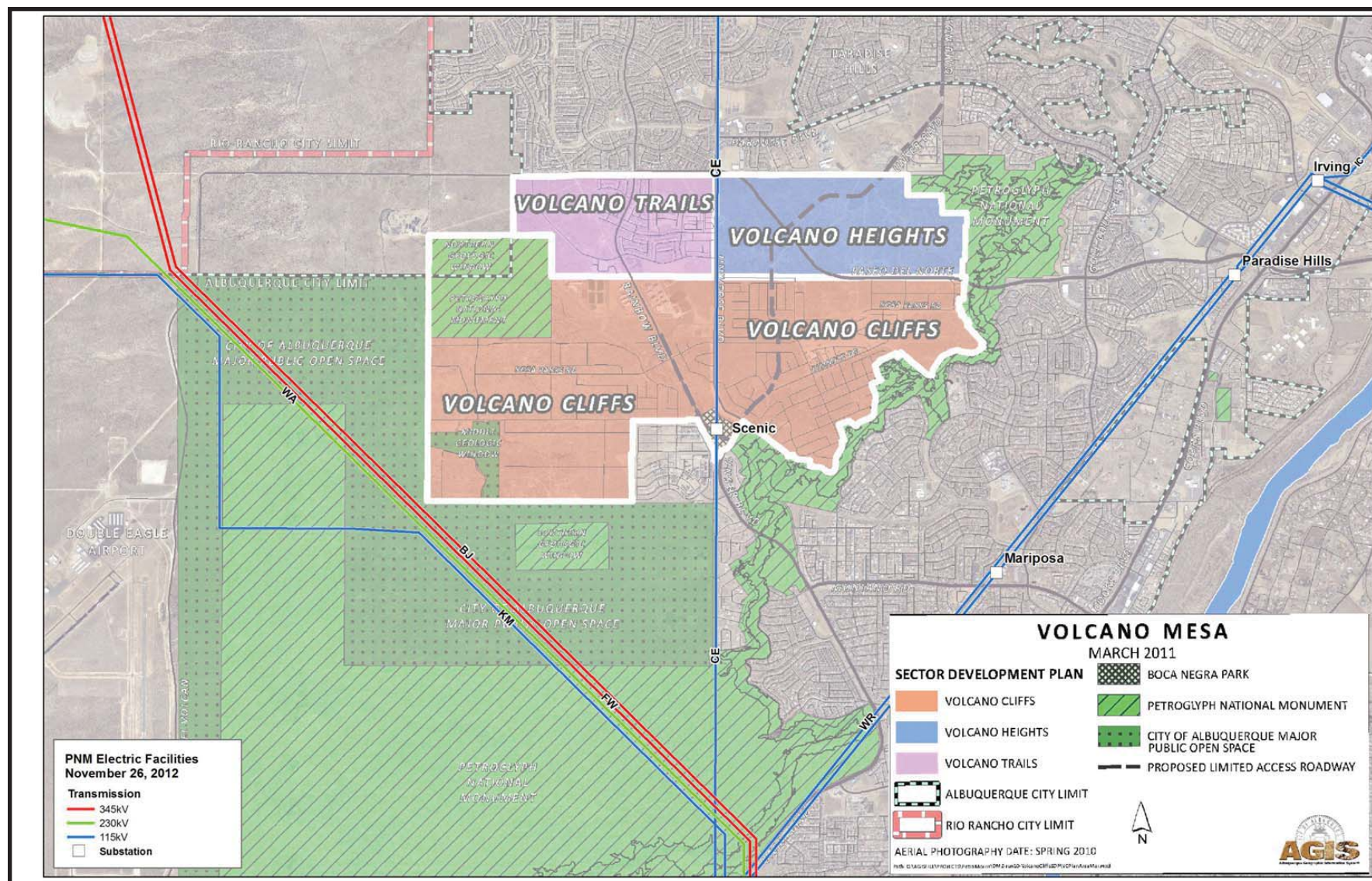


Exhibit 16, PNM Electric Facilities
[Updated to show Scenic facility]

Chapter 3

II – General Standards

8. ~~**Residential Garages.**~~ Garages shall not dominate the front façade. Street-fronting garages shall be per the requirements of **Table 3**. Garages shall not exceed 50% of the total front façade.
- a. ~~Garage doors shall be set back a minimum of 2 feet from the garage facade to create a “shadow box” that minimizes the prominence of the garage door.~~
 - b. ~~Three-car garages are not permitted on lots equal to or less than 48 feet wide. Three-car garages on lots greater than 48 feet wide shall have a third garage setback of 3 feet minimum from the primary garage façade.~~
 - c. ~~On lots less than 48 feet, property owners intending to build garages on the property lot line shall submit a platted and filed maintenance easement agreement signed by the adjacent property owner prior to being issued a building permit.~~
 - d. ~~The color of garage doors shall blend with or complement the exterior wall color in order to minimize the prominence of the garage door. See **B. Building Design Standards 9. Color** for additional requirements.~~
 - e. ~~See **Table 3** for additional garage requirements.~~

II – General Standards

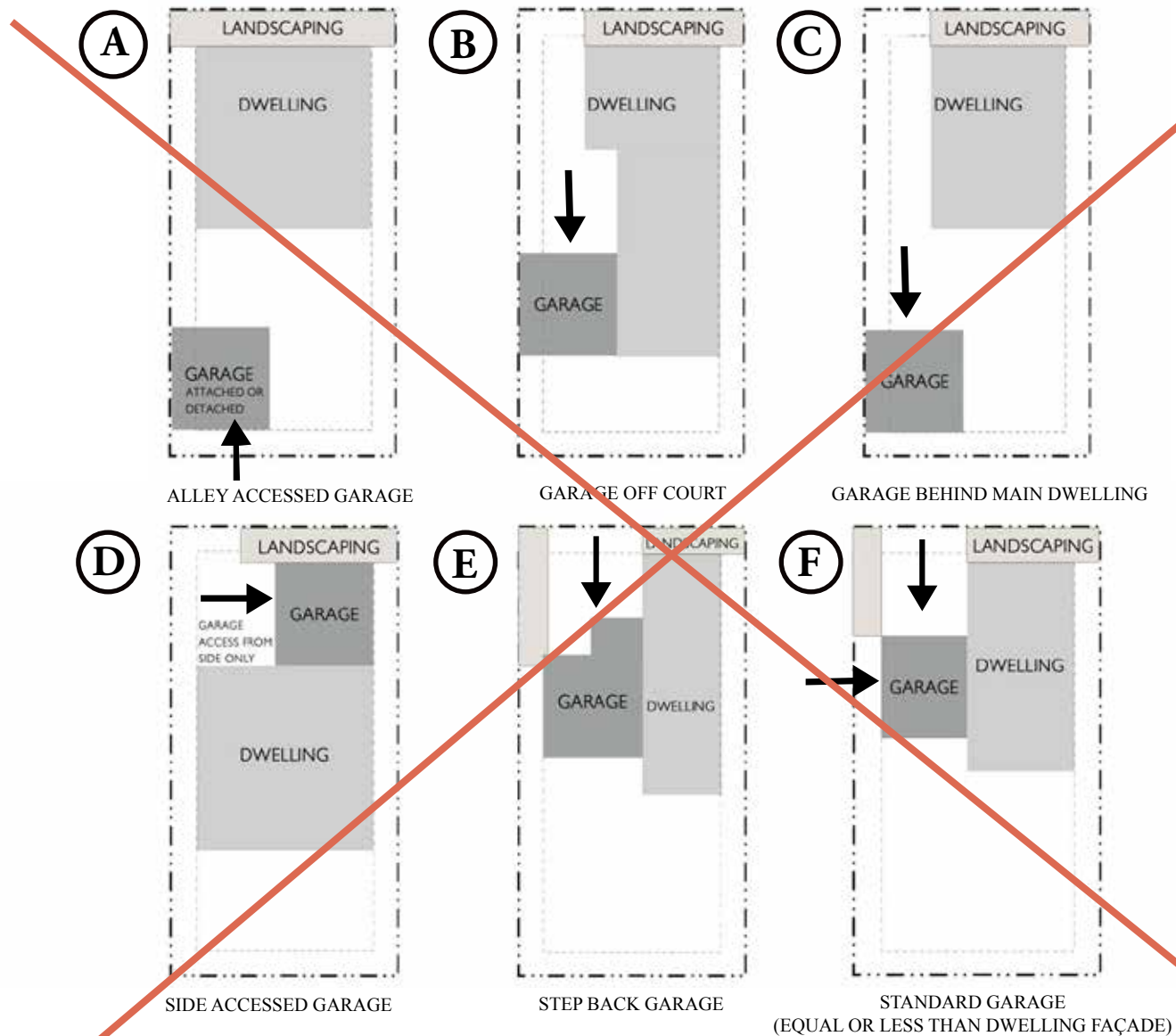


Exhibit 17, Garage Type Diagrams

Chapter 3

II – General Standards

8. Residential Garages.

a. Access

- i. Where alleys are available, residential garages shall be accessed via the alley. On streets designated Collector or lower, residential garages on corner lots shall be accessed from an alley or side street.
- ii. Where allowed, townhouses and courtyard apartments shall use rear-loaded garages.
- iii. Front-loaded garages on residential lots less than 40 feet wide shall be prohibited. Garages on these lots shall be either Garage Type A or D in **Exhibit 17** per the standards in **Table 3**.
- iv. Lots equal to or greater than 40 feet shall use any of the garage types in **Exhibit 17** per the requirements in **Table 3**.
- v. Front-loaded three-car garages are not permitted on lots equal to or less than 70 feet wide.
- vi. Garage Types D and F may be accessed from either front or side.
- vii. Driveway access, including drive pad but exclusive of wings, is limited to 14 feet for Garage Types B, C, D, E, and F except where providing access from **alleys**.
- viii. Where allowed, property owners intending to build garages on the property lot line shall submit a platted and filed maintenance easement agreement signed by the abutting property owner prior to being issued a building permit.

b. Design

- i. The garage façade area shall not exceed 50% of the total front façade area, inclusive of porches, so that garages shall not dominate the front façade.
- ii. Three-car garages on lots greater than 70 feet wide shall have a third garage setback of three (3) feet minimum from the primary garage façade.
- iii. Where there is no setback from the property line, gutters and downspouts shall drain to the street or water harvesting area to avoid impact to abutting lots.

II – General Standards

- iv. Individual garage bays shall be no greater than 12 feet wide. For garages with multiple bays, all garage doors shall be divided into single bays separated by at least a 16-inch pier or column.
- v. The color of garage doors shall blend with or complement the exterior wall color in order to minimize the prominence of the garage door.
- vi. Garage Type D shall have a minimum of 5 linear feet of fenestration on the street façade and be articulated to resemble the main structure.

LOT WIDTH	ALLOWABLE GARAGE TYPES	FRONT GARAGE SETBACK	SIDE GARAGE SETBACK	REAR GARAGE SETBACK
GREATER THAN 48 FEET	A, B, C, D, E, F	20' MINIMUM	5' MINIMUM	2' MINIMUM 5' MAXIMUM
40 FEET TO 48 FEET	A, B, C, D, E, F	20' MINIMUM	NONE	2' MINIMUM 5' MAXIMUM
LESS THAN 40 FEET	A, B, C, E	20' MINIMUM	NONE	2' MINIMUM 5' MAXIMUM

NOTE 1: Setbacks from the property line are regulated first by zone and secondarily by minimums specified above.

NOTE 2: Where setbacks apply to the garage door facade, setbacks shall be measured from the property line to the garage door.

NOTE: 1. ~~Garage Type D shall have a minimum of 5 linear feet of fenestration on the street façade and be articulated to resemble main structure.~~

NOTE: 2. ~~Garage Type F may be accessed from either front or side.~~

NOTE: 3. ~~Driveway access from street, including curb cut, is limited to 12 feet for Garage Types A, B, C, D, E, and F except where providing access from alleys.~~

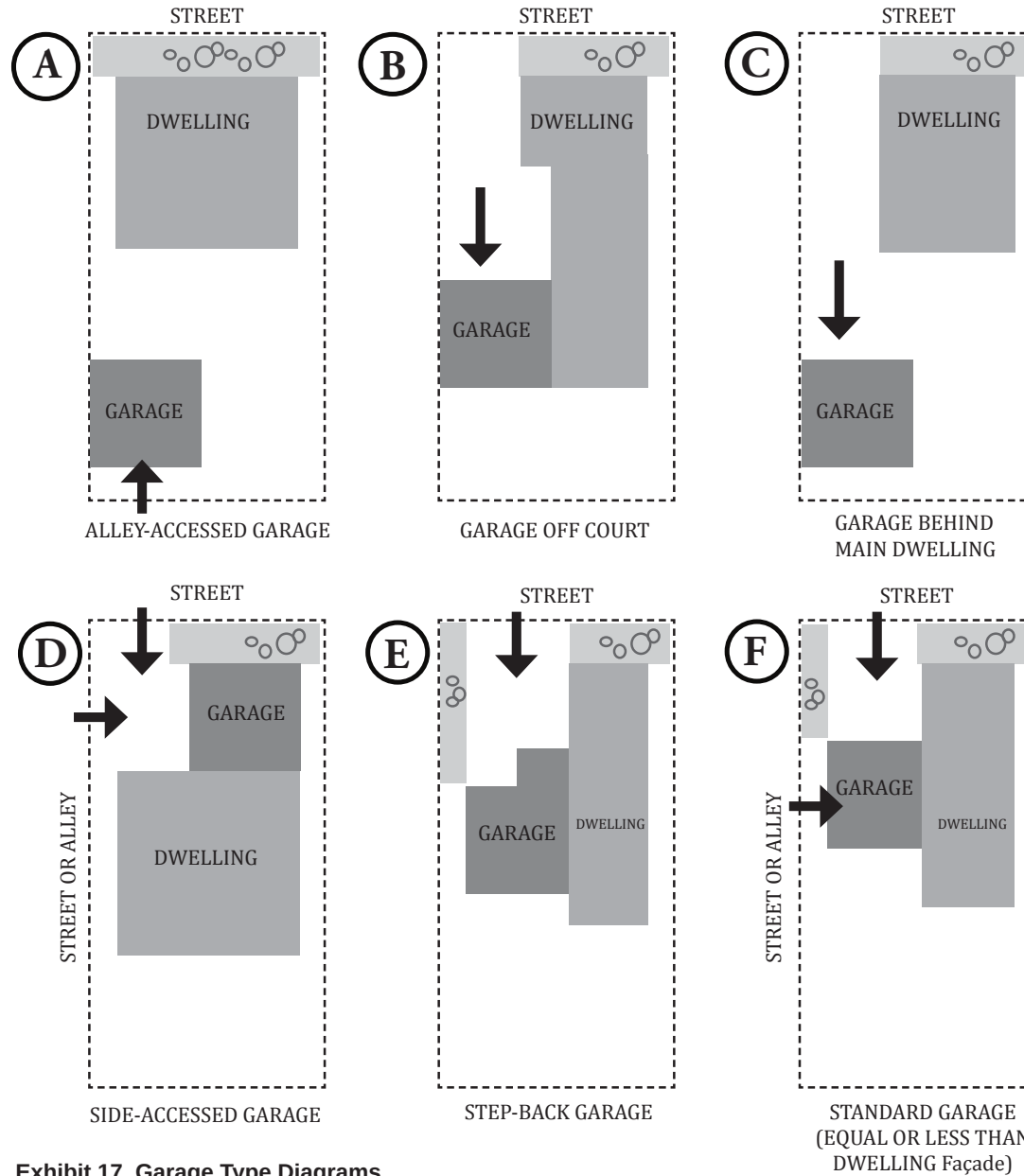
NOTE: 4. ~~On streets designated Collector or lower, residential garages on corner lots shall be accessed from an alley or side street.~~

TABLE 3, GARAGE TYPES.

* See Exhibit 17, Garage Type Diagrams

Chapter 3

II – General Standards



Note: Diagrams are for illustration only. Diagrams are not to scale. Setbacks are regulated first by zone and secondarily by minimums set in Table 3.

Exhibit 17, Garage Type Diagrams

II – General Standards

11. **Appropriate Plant Lists.** The purpose of regulating plants is to reduce water usage, maintain the character of native plants now existing in the Petroglyph National Monument, and provide a harmonious landscape image. ~~Plantings from the Two~~ plant lists shall guide landscaping within the Plan Area. Shrubs and trees shall be nursery grown. All properties in Volcano Trails more than 200 feet from public lands such as the Petroglyph National Monument, arroyos, and other Major Public Open Space shall use plants listed as ~~native or xeric from the plant list in Chapter 4 General Regulation B from Plant List A and/or B~~. Land disturbed in development shall be re-vegetated using ~~native species from the the appropriate~~ Plant List. (See **Chapter 4 General Regulation C – Construction Mitigation** Standard CM-5.)
- a. **List A ~~List A – Petroglyph National Monument Plant List~~.** These are plant species ~~selected as appropriate from an inventory of species within the Petroglyph National Monument by the National Park Service in 1994-1995 including almost 200 plants (amended)~~. ~~This~~ Plants listed as native in the plant list in **Chapter 4 General Regulation B** shall be used in specified areas as identified in Table 4 to limit impact of invasive and/or non-native plants on native vegetation.
- b. **List B ~~Xeric Plants List~~.** These plant species ~~were selected as appropriate for Volcano Trails from are~~ the official xeric or low-water use plant list of the Albuquerque Bernalillo County Water Utility Authority (ABCWUA). ~~The majority of the list is low and medium water-use plants. Some high-water use plants are also listed in order to classify them as such in implementation of the water conservation program. This xeric plant list is extensive and updated periodically by the ABCWUA. Contact the ABCWUA to obtain the most current information.~~ (See contact information provided in Plants listed as xeric in the plant list in **Chapter 4 General Regulation B** shall be used in specified areas as identified in Table 4.

Areas/Zoning	Native	Xeric
Open Space Areas, Arroyos, Conservation Easements, SU-2 Volcano Trails Open Space	*	
SU-2/VTVC, SU-2/VTUR SU-2/VTRD, SU-2/VTSL SU-2/VTML, SU-2 RD	*	*
Scenic Corridors	*	
Other Roads		*
	* allowed	

TABLE 4, PERMITTED PLANT LIST

Chapter 4 – General Regulations

A – Approved Colors



Exhibit 18, Sample Colors within Approved LRV Range

Exterior color and reflectivity standards for buildings. ~~residential areas~~

~~In any residential area,~~ Exterior building colors shall have a “light reflective value” (LRV) within the range of 20% to 50% LRV rating. Stucco and other materials with colors similar to those illustrated in **Exhibit 18** may be used, as long as they have integral color and meet the standards for reflectivity and harmony with the natural landscape. (See **Chapter 3 Section II – General Standard B.1.** for more details about Exterior Finishes permitted by the Plan.)

In keeping with New Mexico tradition, accent colors on front doors, window sash, and other incidental elements are allowed **up to 20% of a façade area** as long as the accent does not overwhelm the building’s basic color or create a visual distraction from the adjacent streets, lots, or public areas.

The sample colors illustrated in **Exhibit 18** are stucco with integrated color as manufactured by El Rey traditional cementitious stucco in Albuquerque. El Rey Premium Stucco Finish is a compound of cement, hydrated lime, sand aggregates, and iron oxide pigments. Since the stucco is integrally colored, it will never need to be painted. Like many natural landscapes, the traditional cement stucco is breathable and appears slightly different during each season and at alternate times of the day.

Chapter 4 – General Regulations

B – ~~Native~~ Plant List ~~A & Xeric Plant List B~~

TABLE 5 – PLANT LIST (TREES)

Scientific Name	Common Name	Native or Xeric	Deciduous or Evergreen	Approx. Height x Width at Maturity (in ft.)
<i>Cercocarpus ledifolius</i>	Curleaf mountain mahogany	Xeric	Evergreen	12 x 8
<i>Chilopsis linearis</i>	Desert willow	Native	Deciduous	20 x 20
<i>Juniperus monosperma</i>	Oneseed juniper	Native	Evergreen	15 x 15
<i>Juniperus scopulorum</i>	Rocket Mountain juniper, female	Xeric	Evergreen	40 x 20
<i>Juniperus virginiana</i>	Juniper, female	Xeric	Evergreen	20 x 10
<i>Leucana retusa</i>	Golden ball leadtree	Xeric	Deciduous	15 x 15
<i>Melia azedarach</i>	Chinaberry	Xeric	Deciduous	25 x 20
<i>Prosopis glandulosa</i>	Honey mesquite	Xeric	Deciduous	25 x 30
<i>Prosopis pubescens</i>	Screwbean mesquite	Xeric	Deciduous	20 x 20
<i>Prosopis torreyana</i>	Western honey mesquite	Xeric	Deciduous	18 x 20
<i>Prosopis velutina</i>	Velvet mesquite	Xeric	Deciduous	20 x 25
<i>Quercus grisea</i>	Gray oak	Xeric	Evergreen	30 x 30
<i>Quercus suber</i>	Cork oak	Xeric	Evergreen	30 x 30
<i>Quercus turbinella</i>	Shrub live oak	Xeric	Evergreen	18 x 20
<i>Sambucus mexicana</i>	Mexican elder	Xeric	Deciduous	20 x 25
<i>Sapindus drummondii</i>	Western soapberry	Xeric	Deciduous	30 x 30
<i>Zizyphus jujuba</i>	Jujube	Xeric	Deciduous	25 x 25

Chapter 4 – General Regulations

B – ~~Native~~ Plant List ~~A & Xeric Plant List B~~

TABLE 5 - PLANT LIST (SHRUBS)

Scientific Name	Common Name	Native or Xeric	Deciduous or Evergreen	Approx. Height x Width at Maturity (in ft.)
Agave sp.	Agave	Native	Evergreen	varies
Artemisia filifolia Torr	Sand sage	Native	Evergreen	3 x 3
Atriplex canescens	Fourwing saltbrush	Native	Deciduous	5 x 5
Brickellia californica	California brickellbush	Native	Deciduous	3 x 3
Dalea sp.	Purple sage	Native	Deciduous	5 x 5
Dasyllirion sp.	Sotol	Xeric	Evergreen	5 x 5
Fallugia paradoxa	Apache plume	Native	Deciduous	5 x 5
Fouquieria splendens	Ocotillo	Xeric	Deciduous	15 x 10
Krascheninnikovia lanata	Winterfat	Native	Deciduous	5 x 5
Nolina microcarpa	Beargrass	Xeric	Evergreen	5 x 6
Opuntia sp.	Prickly pear	Native	Evergreen	varies
Rhus trilobata	Skunkbush sumac	Native	Deciduous	3 x 3
Ribes sp.	Gooseberry	Native	Deciduous	5 x 3
Yucca sp.	Yucca	Native	Evergreen	varies

Chapter 4 – General Regulations

B – ~~Native~~ Plant List ~~A & Xeric Plant List B~~

TABLE 5 – PLANT LIST (FORBS, GRASSES, AND GROUNDCOVERS)

Scientific Name	Common Name	Native or Xeric	Approx. Height x Width at Maturity (in inches)
<i>Abronia villosa</i>	Sand verbena	Native	1 x 4
<i>Andropogon saccharoides</i>	Silver beardgrass	Native	2.5 x 2
<i>Aristida purpurea</i>	Purple threeawn	Native	1 x 1
<i>Artemisia ludoviciana</i>	Prairie sage or white sagebrush	Native	3 x 3
<i>Asclepias speciosa</i>	Showy milkweeds	Native	2 x 3
<i>Baileya multiradiata</i>	Desert marigold	Native	varies
<i>Bouteloua curtipendula</i>	Sideoats grama	Native	2 x 1
<i>Bouteloua gracilis</i>	Blue grama	Native	1 x 1
<i>Bouteloua eriopoda</i>	Black grama	Native	1 x 1
<i>Elymus elymoides</i>	Bottlebrush squirreltail	Native	varies
<i>Eriogonum annuum</i>	Annual buckwheat	Xeric	1-5 x 2
<i>Gaillardia pulchella</i>	Firewheel	Native	varies
<i>Hilaria jamesii</i>	Galleta	Native	2 x 1
<i>Linum perenne lewisii</i>	Blue flax	Xeric	2 x 2
<i>Mirabilis</i> sp.	Four o'clock	Native	1 x 4
<i>Muhlenbergia porteri</i>	Bush muhly	Native	varies
<i>Oenothera</i> sp.	Evening primrose	Native	1.5 x 4
<i>Oryzopsis hymenoides</i>	Indian ricegrass	Native	varies
<i>Parthenium incanum</i>	Mariola	Native	varies
<i>Penstemon ambiguous</i>	Beardtongue	Native	2 x 1
<i>Phacelia integrifolia</i>	Scorpionflower	Native	1 x 1
<i>Philostrophe taetina</i> (also <i>Psilostrophe taetina</i>)	Paperflower	Native	3 x 3
<i>Sporobolus cryptandrus</i>	Sand dropseed	Native	varies
<i>Zinnia grandiflora</i>	Desert zinnia	Xeric	varies

B – Native Plant List A & Xeric Plant List B

Native Plant List A

List of Plant Species of Petroglyph National Monument - Plants found by Bleakly during survey from August 1994 through September 1995. One hundred and ninety-two (192) plants from 40 families were identified. Arrangement is alphabetical by family, genus, and species with some synonyms and common names. An asterisk (*) before the name indicates plants listed in Barlow-Irick (1993). Nomenclature according to Kartesz (1994). Common names from various sources. Number of species in each family are in parentheses after family name. A "pound sign" (#) indicates that a voucher is housed at the UNM Herbarium.

ADIANTACEAE Maidenhair Fern Family (1)
Cheilanthes feei T. Moore SLENDER LIPFERN #

AGAVACEAE Agave or Yucca Family (1)
Yucca glauca Nutt. SMALL SOAPWEED

AMARANTHACEAE Pigweed Family (3)
Amaranthus acanthochiton Sauer GREENSTRIPE #
Amaranthus wrightii S. Wats. WRIGHT'S AMARANTH #
Tidestromia lanuginosa (Nutt.) Standl. WOOLLY TIDESTROMIA

ANACARDIACEAE Sumac Family (1)
Rhus trilobata Nutt. SKUNKBUSH, SKUNKBUSH SUMAC

APIACEAE (=UMBELLIFERAE) Parsley or Carrot Family (1)
Cymopterus acaulis (Pursh) Raf. var. fendleri (Gray)
Goodrich (Cymopterus fendleri Gray) FENDLER SPRINGPARSLEY #

ASCLEPIADACEAE Milkweed Family (1)
Asclepias subverticillata (Gray) Vail WHORLED MILKWEED

ASTERACEAE (=COMPOSITAE) Sunflower Family (42)
Acourtia nana (Gray) Reveal & King (Perezia nana Gray) DWARF
DESERT HOLLY, DWARF DESERTPEONY #
Aphanostephus ramosissimus DC. PLAINS DOZEDAISY #
Artemisia bigelovii Gray BIGELOW'S SAGEBRUSH #

Artemisia filifolia Torr. SANDSAGE, SAND SAGEBRUSH
Artemisia frigida Willd. FRINGED SAGE
Artemisia ludoviciana Nutt. ssp. albula (Woot.) Keck WHITE SAGEBRUSH #
* Bahia absinthifolia Benth. #
* Bahia dissecta (Gray) Britt.
Bahia pedata Gray BLUNTSCALE BAHIA #
Baileya multiradiata Harvey & Gray ex Gray DESERT MARIGOLD #
* Berlandiera lyrata Benth.
Brickellia californica (Torr. & Gray) Gray CALIFORNIA BRICKELLBUSH #
Chaetopappa ericoides (Torr.) Nesom (Leucelene ericoides (Torr.) Greene)
WHITE ASTER

* Chrysothamnus nauseosus (Pallas ex Pursh) Britt. ssp. bigelovii (Gray)
Hall & Clements #
Chrysothamnus pulchellus (Gray) Greene ssp. pulchellus
SOUTHWESTERN RABBITBRUSH #
Coryza canadensis (L.) Cronq. CANADIAN HORSEWEED
* Gaillardia pinnatifida Torr. #
Gaillardia pulchella Foug. FIREWHEEL
Gutierrezia sarothrae (Pursh) Britt. & Rusby BROOM SNAKEWEED #
Helianthus petiolaris Nutt. PRAIRIE SUNFLOWER
Hymenopappus flavescens Gray var. canotomentosus Gray YELLOW-FLOWERED
WHITE RAGWEED, COLLEGEFLOWER #
Machaeranthera canescens (Pursh) Gray HOARY TANSYASTER #
* Machaeranthera gracilis (Nutt.) Shinnars (Haplopappus gracilis
(Nutt.) Gray) #
Machaeranthera pinnatifida (Hook.) Shinnars (Haplopappus spinulosus
(Pursh) DC.) LACY TANSYASTER
Malacothrix fendleri Gray FENDLER DESERTDANDELION #
Melampodium leucanthum Torr. & Gray PLAINS BLACKFOOT #
* Microseris sp. Palafoxia sphacelata (Nutt. ex Torr.) Cory OTHAKE #
Parthenium incanum Kunth MARIOLA #
Pectis angustifolia Torr. var. angustifolia NARROWLEAF PECTIS #
Psilostrophe tagetina (Nutt.) Greene WOOLLY PAPERFLOWER
Sanvitalia abertii Gray ABERT'S CREEPING ZINNIA #

Chapter 4 – General Regulations

B – Native Plant List A & Xeric Plant List B

Senecio flaccidus Less. var. *flaccidus* (*Senecio douglasii* DC. ssp. *longilobus* (Benth.) L. Benson THREADLEAF GROUNDSEL #
Senecio multicapitatus Greenm. ex Rydb. RAGWORT GROUNDSEL #
Senecio riddellii Torr. & Gray RIDDELL'S RAGWORT OR GROUNDSEL #
Stephanomeria pauciflora (Torr.) A. Nels. BROWNPLUME WIRELETTUCE #
Thelesperma megapotamicum (Spreng.) Kuntze HOPI TEA, GREENTHREAD
Thymophylla acerosa (DC.) Strother (*Dyssodia acerosa* DC.) PRICKLYLEAF DOGWEED #
Verbesina encelioides (Cav.) Benth. & Hook. f ex Gray GOLDENCROWNBEARD, COWPEN DAISY
Xanthium strumarium L. COCKLEBUR
Zinnia grandifolia Nutt. ROCKY MOUNTAIN ZINNIA #

BIGNONIACEAE Bignonia Family (1)

Chilopsis linearis (Cav.) Sweet DESERT WILLOW

BORAGINACEAE Borage Family (4)

Cryptantha cinerea (Greene) Cronq. var. *cinerea* (*C. jamesii* Payson var. *multicaulis* (Torr.) Payson) JAMES' CATSEYE #
Cryptantha crassisejala (Torr. & Gray) Greene var. *elachantha* I.M. Johnst. THICKSEPAL CATSEYE #
Heliotropium convolvulaceum (Nutt.) Gray PHLOX HELIOTROPE
Lappula occidentalis (S. Wats.) Greene var. *occidentalis* (*L. redowskii* (Hornem.) Greene) FLATSPINE STICKSEED #

BRASSICACEAE (=CRUCIFERAE) Mustard Family (7)

Descurainia pinnata (Walt.) Britt. WESTERN TANSYMUSTARD #
Dimorphocarpa wislizenii (*Dithyrea wislizenii*)

SPECTACLE POD, TOURISTPLANT

Lepidium lasiocarpum Nutt. var. *lasiocarpum* SHAGGYFRUIT PEPPERWEED #

* *Lepidium montanum* Nutt.

Lesquerella fendleri (Gray) S. Wats. FENDLER BLADDERPOD #

CACTACEAE Cactus Family (6)

Echinocereus fendleri (Engelm.) F. Seitz PINKFLOWERED HEDGEHOG CACTUS
Escobaria vivipara (Nutt.) Buxbaum (*Coryphantha vivipara* (Nutt.) Britt. & Rose) SPINYSTAR
Opuntia clavata Engelm. CLUB CHOLLA
Opuntia imbricata (Haw.) DC. TREE or WALKINGSTICK CHOLLA
Opuntia phaeacantha Engelm. BROWNSPINE PRICKLYPEAR
Opuntia polyacantha Haw. PLAINS PRICKLYPEAR

CAPPARACEAE Caper Family (1)

Polanisia dodecandra (L.) DC. ssp. *trachysperma* (Torr. & Gray) Ilitis SANDYSEED CLAMMYWEED #

CHENOPODIACEAE Goosefoot Family (5)

Atriplex canescens (Pursh) Nutt. FOURWING SALTBUCH
* *Chenopodium denticatum* A. Nels. #
Chenopodium fremontii S. Wats. FREMONT'S GOOSEFOOT #
Krascheninnikovia lanata (Pursh) Guldenstaedt (*Ceratoides lanata* (Pursh) J.T. Howell; *Eurotia lanata* (Pursh) Moq.) WINTERFAT

CUCURBITACEAE Gourd Family (1)

Cucurbita foetidissima Kunth COYOTE or MISSOURI GOURD

CUPRESSACEAE Cypress Family (1)

Juniperus monosperma (Engelm.) Sarg. ONESEED JUNIPER

EPHEDRACEAE Jointfir Family (1)

Ephedra torreyana S. Wats. TORREY JOINTFIR or MORMON TEA #

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B – Native Plant List A & Xeric Plant List B

EUPHORBIACEAE Spurge Family (7)

Chamaesyce parryi (Engelm.) Rydb. PARRY'S SANDMAT or SPURGE #

Chamaesyce serpyllifolia (Pers.) Small THYMELEAF SANDMAT or SPURGE #

Chamaesyce serrula (Engelm.) Woot. & Standl. SAWTOOTH SANDMAT or SPURGE #

Croton texensis (Klotzsch) Muell.-Arg. TEXAS CROTON #

Euphorbia dentata Michx. TOOTHED SPURGE #

* *Tragia amblyodonta* (Muell.-Arg.) Pax & K. Hoffmann

Tragia ramosa Torr. BRANCHED NOSEBURN

FABACEAE (=LEGUMINOSAE) Bean or Pea Family (14)

Astragalus amphioxys Gray var. *amphioxys* CRESCENT MILKVETCH #

Astragalus ceramicus Sheld. var. *ceramicus* PAINTED MILKVETCH #

Astragalus lentiginosus Dougl. var. *diphysus* (Gray) Jones SPECKLEDPOD MILKVETCH #

Astragalus nuttallianus DC. SMALLFLOWERED MILKVETCH #

Caesalpinia jamesii (Torr. & Gray) Fisher JAMES' HOLDBACK

Dalea compacta Spreng. var. *compacta* COMPACT PRAIRIECLOVER #

Dalea formosa Torr. FEATHERPLUME

Dalea lanata Spreng. var. *terminalis* (Jones) Barneby WOOLLY PRAIRIECLOVER #

Dalea nana Torr. ex Gray var. *carnescens* Kearney & Peebles DWARF PRAIRIECLOVER #

Dalea scariosa S. Wats. (*Petalostemon scariosa* (S. Wats.) Wemple)

ALBUQUERQUE

PRAIRIECLOVER #

Hoffmannseggia glauca (Ortega) Eifert INDIAN RUSHPEA

Pediomelum hypogaeum (Nutt.) Rydb. (*Psoralea hypogaea* Nutt.) SCURFPEA #

Psoralea scoparius (Gray) Rydb. (*Dalea scoparia* Gray) BROOM

DALEA; PURPLE SAG

FUMARIACEAE Fumitory Family (1)

Corydalis aurea Willd. GOLDEN CORYDALIS, SCRAMBLED EGGS,

GOLDENSMOKE, BUTTER AND EGGS

GROSSULARIACEAE Gooseberry Family (1)

Ribes sp. GOOSEBERRY

HYDROPHYLLACEAE Waterleaf Family (4)

Nama hispida Gray BRISTLY NAMA

Phacelia crenulata Torr. var. *crenulata* CLEFTLEAF WILDHELIOCTROPE #

Phacelia integrifolia Torr. GYPSUM SCORPIONWEED #

Phacelia ivesiana Torr. IVES PHACELIA #

LINACEAE Flax Family (2)

Linum aristatum Engelm. BRISTLE FLAX

* *Linum australe* Heller #

LOASACEAE Stickleaf Family (2)

Mentzelia albicaulis (Dougl.) Dougl. WHITESTEM BLAZINGSTAR

Mentzelia pumila (Nutt.) Torr. & Gray DWARF MENTZELIA #

MALVACEAE Mallow Family (5)

Sida abutilifolia P. Mill. (*Sida filicaulis* Torr. & Gray)

SPREADING FANPETALS #

* *Sida neomexicana* Gray

Sphaeralcea angustifolia (Cav.) G. Don ssp. *lobata* (Woot.) Kearney

COPPER GLOBEMALLOW #

Sphaeralcea hastulata Gray (*Sphaeralcea subhastata* Coul.)

SPEAR GLOBEMALLOW #

Sphaeralcea incana Torr. ex Gray GRAY GLOBEMALLOW #

NYCTAGINACEAE Four O'clock Family (7)

Abronia fragrans Nutt. ex Hook. FRAGRANT WHITE SAND VERBENA

* *Allionia choysia* Standl. #

Allionia incarnata L. TRAILING WINDMILLS #

Boerhavia spicata Choisy (*B. torreyana* (S. Wats.) Standl.) CREEPING

SPIDERLING

#

* *Mirabilis glabra* (S. Wats.) Standl. (*Oxybaphus glaber* S. Wats.) #

Mirabilis linearis (Pursh) Heimerl NARROWLEAF FOUR O'CLOCK

Selinocarpus diffusus Gray SPREADING MOONPOD #

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OLEACEAE Olive Family (1)

Menodora scabra Gray ROUGH MENODORA

ONAGRACEAE Evening Primrose Family (2)

Gaura coccinea Nutt. ex Pursh SCARLET BEEBLOSSOM

Oenothera pallida Lindl. PALE EVENINGPRIMROSE #

OROBANCHACEAE Broomrape Family (1)

Orobanche ludoviciana Nutt. (*O. multiflora* Nutt.) LOUISIANA BROOMRAPE #

PEDALIACEAE Sesame Family (1)

Proboscidea louisianica (P. Mill.) Thelleng COMMON DEVILSCRAW, DEVILSHORN, RAM'S HORN

PLANTAGINACEAE Plantain Family (1)

Plantago patagonica Jacq. (*P. purshii* Morris) WOOLLY PLANTAIN #

Plantago lanceolata L. NARROWLEAF PLANTAIN

POACEAE (=GRAMINAE) Grass Family (42)

Aristida adscensionis L. SIXWEEKS THREEAWN #

* *Aristida arizonica* Vasey

Aristida havardii Vasey HAVARD'S THREEAWN #

* *Aristida pansa* Woot. & Standl.

Aristida purpurea Nutt. var. *fendleriana* (Steud.) Vasey

FENDLER'S THREEAWN #

* *Aristida purpurea* Nutt. var. *neallyi* (Vasey) Allred #

* *Aristida purpurea* Nutt. var. *purpurea* #

* *Bothriochloa barbinodis* (Lag.) Heter #

Bothriochloa laguroides (DC.) Heter ssp. *torreyana* (Steud.) Allred & Gould
(*Andropogon saccharoides* Sw.) SILVER BEARDGRASS or SILVER BLUESTEM #

Bouteloua aristoides (H.B.K.) Griseb. var. *aristoides* NEEDLE GRAMA #

Bouteloua barbata Lag. var. *barbata* SIXWEEKS GRAMA #

Bouteloua curtipendula (Michx.) Torr. SIDEOATS GRAMA

Bouteloua eriopoda (Torr.) Torr. BLACK GRAMA #

Bouteloua gracilis (Willd. ex Kunth) Lag. ex Griffiths BLUE GRAMA

Bouteloua hirsuta Lag. HAIRY GRAMA

* *Cenchrus carolinianus* Walt. (*Cenchrus incertus* M.A. Curtis)

* *Digitaria californica* (Benth.) Henr. #

Elymus elymoides (Raf.) Swezey (*Sitanion hystrix* (Nutt.) J.G. Sm.; *Elymus*

longifolius (J.G. Sm.) Gould) SQUIRRELTAIL #

Enneapogon desvauxii Beauv. NINEAWN PAPPUSGRASS #

Erioneuron pulchellum (Kunth) Tateoka (*Dasyochloa pulchella* (Kunth) Willd.

ex Rydb.) FLUFFGRASS, LOW WOOLLYGRASS #

Hilaria jamesii (Torr.) Benth. (*Pleuraphis jamesii* Torr.) GALLETA #

* *Koeleria macrantha* (Ledeb.) J.A. Schultes

(*Koeleria cristata* auct. p.p. non Pers.)

* *Lycurus phleoides* Kunth

Monroa squarrosa (Nutt.) Torr. (*Munroa squarrosa* (Nutt.) Torr.)

FALSE BUFFALOGRASS #

* *Muhlenbergia tenacea* (Buckl.) A.S. Hitchc.

Muhlenbergia arenicola Buckl. SAND MUHLY #

Muhlenbergia porteri Scribn. BUSH MUHLY #

Muhlenbergia pungens Thurb. SANDHILL MUHLY #

Muhlenbergia torreyi (Kunth) A.S. Hitchc. ex Bush RING MUHLY

Oryzopsis hymenoides (Roemer & J.A. Schultes)

Ricker ex Piper INDIAN RICEGRASS

* *Poa bigelovii* Vasey & Scribn.

Scleropogon brevifolius Phil. BURROGRASS #

Setaria leucopila (Scribn. & Merr.) K. Schum.

STREAMBED BRISTLEGRASS #

* *Setaria lutescens* (Weigel) F.T. Hubbard ?

Sporobolus contractus A.S. Hitchc. SPIKE DROPSEED

Sporobolus cryptandrus (Torr.) Gray SAND DROPSEED #

* *Sporobolus flexuosus* (Thurb. ex Vasey) Rydb. #

Sporobolus giganteus Nash GIANT DROPSEED #

Stipa comata Trin & Rupr. var. *comata* NEEDLEANDTHREAD #

* *Stipa neomexicana* (Thurb. ex Coult.) Scribn.

Stipa spartea Trin. PORCUPINEGRASS #

Vulpia octoflora (Walt.) Rydb. (*Festuca octoflora* Walt.)

SIXWEEKS FESCUE #

B – Native Plant List A & Xeric Plant List B

POLEMONIACEAE Phlox Family (1)

Ipomopsis pumila (Nutt.) V. Grant DWARF GILIA #

POLYGONACEAE Knotweed Family (4)

Eriogonum abertianum Torr. var. *abertianum* ABERT BUCKWHEAT #

* *Eriogonum effusum* Nutt.

Eriogonum polycladon Benth. SORREL BUCKWHEAT #

Eriogonum rotundifolium Benth. ROUNDLEAF BUCKWHEAT #

Rumex hymenosepalus Torr. CANAIGRE; DOCK #

PORTULACACEAE Purslane Family (1)

Portulaca sp. PURSLANE

RANUNCULACEAE Crowfoot Family (1)

Delphinium sp. LARKSPUR

ROSACEAE Rose Family (1)

Fallugia paradoxa (D. Don) Endl. ex Torr. APACHE PLUME

SALICACEAE Willow Family

Salix sp. WILLOW

SCROPHULARIACEAE Figwort Family (3)

Epixiphium wislizenii (Engelm. ex Gray) Munz (*Maurandya wislizenii*

Engelm. ex Gray) BALLOONBUSH #

Penstemon ambiguus Torr. GILIA PENSTEMON or BEARDTONGUE

* *Penstemon* sp.

SOLANACEAE Potato Family (3)

Chamaesaracha coronopus (Dunal) Gray GREENLEAF FIVE EYES #

Datura innoxia P. Mill. THORNAPPLE; JIMSONWEED #

Lycium pallidum Miers PALE WOLFBERRY

Nicotiana trigonophylla Dunal DESERT TOBACCO #

Physalis acutifolia (Miers) Sandw. (*P. wrightii* Gray) SHARPLEAF

GROUNDCHERRY #

Solanum elaeagnifolium Cav. SILVERLEAF NIGHTSHADE

VERBENACEAE Vervain Family (2)

Aloysia wrightii Heller ex Abrams WRIGHT'S BEEBRUSH #

* *Tetradlea coulteri* Gray #

ZYGOPHYLLACEAE Caltrop Family (2)

Kallstroemia sp. CALTROP

Xeric Plant List B

A list of official xeric or low-water plant species periodically updated by the Albuquerque Bernalillo County Water Utility Authority (ABCWUA).

To obtain the most current information, contact ABCWUA:

Telephone: 505-842-WATR

Website: <http://www.abcwua.org/pdfs/xeriplantlist.pdf>

For additional information, see ABCWUA's

How-To Guide to Xeriscaping:

<http://www.abcwua.org/content/view/full/63/>

Chapter 4 – General Regulations

C – Construction Mitigation

Any damage to the vegetation, slope, or placement of boulders due to or related to construction shall be mitigated as provided herein.

Standard CM-1: ~~Grading permits shall only be issued concurrently with building permits for all non-residential and mixed-use developments, as well as residential developments over two lots. Grading permits for commercial lot developments in the Volcano Trails Sector Development Plan area will be issued concurrently with the respective commercial building permits.~~ Grading permits for **residential** developments greater than 10 acres shall require soil stabilization, approved by the Environmental Health Department, which shall be applied to the disturbed area within three months after grading of the site commences. Grading within public rights-of-way or public drainage easements is exempt.

Standard CM-2: Prior to beginning construction, the property owner shall construct a temporary silt fence at the site boundary adjacent to sensitive lands (i.e. the Escarpment Buffer, Major Open Space Area, archeological site, or public or private conservation area to be maintained in natural desert landscape) to effectively protect them from heavy equipment and vehicles. Photographs of the site in its original condition shall be submitted with the application for building permit and subdivision and/or site development plan.

Standard CM-3: Public- and private-sector projects facing the Escarpment and adjacent to archeological sites must include geotechnical data and analysis that demonstrate to the satisfaction of the City Engineer that proposed trenching or blasting will not affect the face of the Escarpment, whether by potentially causing erosion or caving of the slopes and boulders, threatening public safety or welfare, or otherwise damaging archeological resources.

Standard CM-4: In the selection of alignment and in site design, grading plans shall demonstrate that cut and fill has been kept to a minimum consistent with the standards in this Plan. Generally, the overall topography of the site is not to be substantially altered. Development must comply with the joint Albuquerque-Bernalillo County Fugitive Dust Ordinance found in the New Mexico Administrative Code 20.11.20.

Standard CM-5: Replacement of boulders shall approximate the original location, angle, and surface exposure. Revegetation to approximate original cover with appropriate native or naturalized plants as identified in **Chapter 4 General Regulation B – Plant List A** is required within 90 days of project completion. A deviation may be granted by the Planning Director or his/her designee if the type of vegetation or time of year make revegetation within 90 days impossible. For infrastructure projects on public lands, the construction company shall post a warranty bond effective for three years after completion of the infrastructure work to insure successful revegetation.