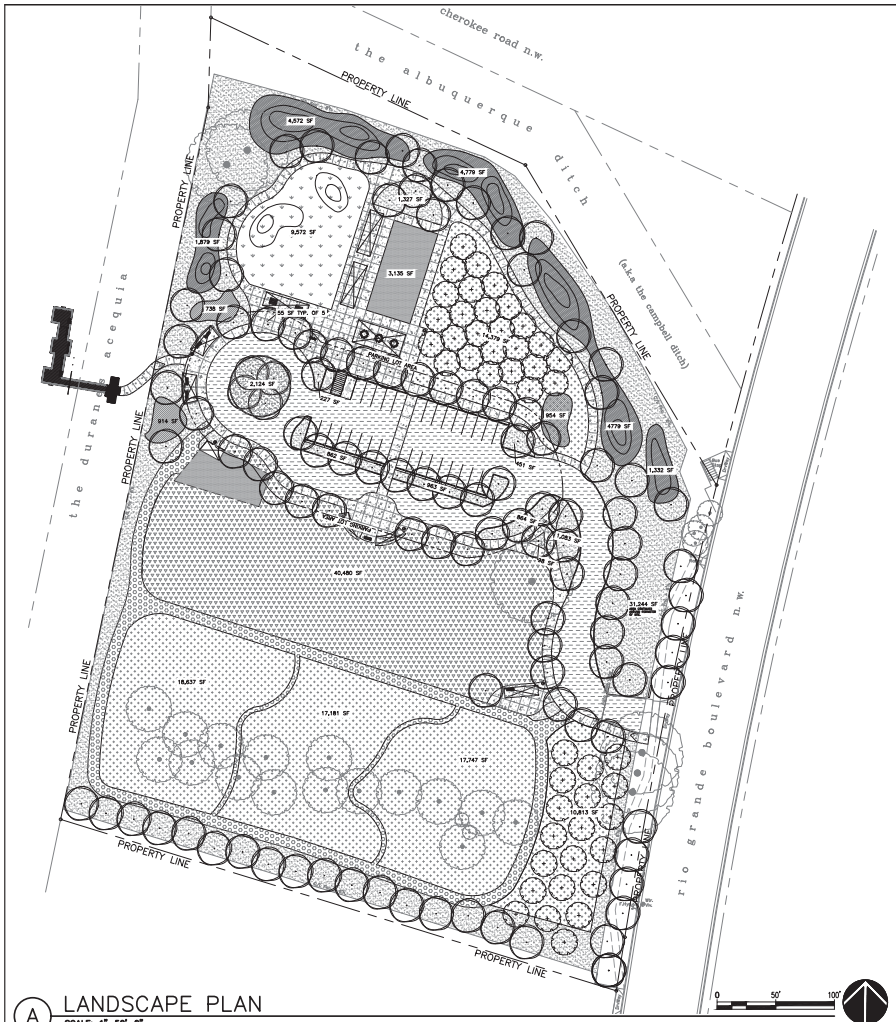
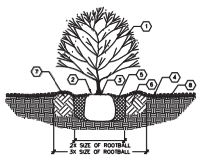


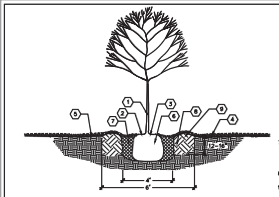
A LANDSCAPE PLAN

SCALE: 1"=50'-0"



CONSTRUCTION NOTES:
1. SHRUB LOCATION AND SPECIES AS PER PLAN
2. MULCH SHALL BE FEATHERED TO A 2" DEPTH ON TOP OF ROOT BALL AND SHALL BE HELD BACK 2" FROM SHRUB STEM(S)
3. PLANT WITH TOP OF ROOT BALL FLUSH WITH SUBGRADE (BOTTOM OF MULCH)
4. 4" DEPTH MULCH THROUGHOUT SHRUB BED UNLESS OTHERWISE NOTED
5. EXCAVATE PLANTING PIT AND BACKFILL PER SPECIFICATIONS. LIGHTLY TAMP IN LIFTS AND WATER-IN TO ELIMINATE VOIDS AND AIR POCKETS
6. SCARIFY EDGES AND LOOSEN SOIL AROUND EXCAVATED PLANTING PIT
7. 2" HIGH x 6" WIDE BERM
8. WEED BARRIER FABRIC – SEE IRRIGATION PLANTING PLAN – TURN DOWN 6" AT EDGES

CITY OF ALBUQUERQUE
SHRUB PLANTING
DWG. No 2716



CONSTRUCTION NOTES:
1. TREE LOCATION AND SPECIES AS PER PLAN
2. MULCH SHALL BE HELD BACK 4" FROM TREE TRUNK
3. REMOVE EXISTING SOIL (FROM NURSERY) AS NEEDED TO EXPOSE ROOT FLARE. INSTALL WITH ROOT FLARE FLUSH WITH SUBGRADE (BOTTOM OF MULCH)
4. MULCH – SEE PLANTING PLAN
5. WEED BARRIER FABRIC – SEE PLANTING PLAN – TURN DOWN 6" AT EDGES
6. INSTALL TREE PLUMB. REMOVE WIRE BASKET, WOOD BOX, PLASTIC, TWINE, AND/OR ROPE PRIOR TO BACKFILL. REMOVE BURLAP EXCEPT FROM BOTTOM OF ROOT BALL
7. EXCAVATE PLANTING PIT AND BACKFILL PER SPECIFICATIONS. LIGHTLY TAMP IN LIFTS AND WATER-IN TO ELIMINATE VOIDS AND AIR POCKETS
8. SCARIFY EDGES AND LOOSEN SOIL AROUND EXCAVATED PLANTING PIT
9. 4" HIGH x 12" WIDE BERM, 6' MINIMUM DIAMETER OR AS SHOWN ON THE PLANS

NOTE:
A. THE WIDTH OF THE TREE WELL MAY BE REDUCED AS NOTED ON THE PLANS OR ADJUSTED BY THE LANDSCAPE ARCHITECT TO MEET FIELD CONDITIONS

CITY OF ALBUQUERQUE
TREE PLANTING
DWG. No 2714

LANDSCAPE ORDINANCE COMPLIANCE

LANDSCAPING RESPONSIBILITY FOR MAINTENANCE:

1. THE OPEN SPACE AND FORESTRY DIVISION OF THE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR ALL LANDSCAPE MAINTENANCE AT THE PROPOSED OPEN SPACE.

COMPLIANCE WITH WATER CONSERVATION ORDINANCE:

1. NO SPRAY IRRIGATION IS PROPOSED.
2. PLANT SPECIES ARE LOW OR MEDIUM USE SPECIES PER THE OFFICIAL ALBUQUERQUE PLANT PALETTE AND SIZING LIST.
3. THIS PLAN HAS NO TURF OR HIGH WATER USE LANDSCAPING.
4. THE PRIMARY SOURCE OF IRRIGATION WILL BE SURFACE IRRIGATION TO UTILIZE THE PROPERTY'S SENIOR WATER RIGHTS. AS APPROPRIATE, SOME OF THIS WATER MAY BE STORED ON SITE FOR LATER USE. PASSIVE WATER HARVESTING WILL BE USED THROUGHOUT THE SITE WHERE POSSIBLE SUCH AS IN STORM WATER BASINS AND THE NATIVE GRASS MEADOW. ACTIVE WATER HARVESTING IN THE FORM OF RAIN BARRELS COLLECTING WATER FROM RESTROOM AND SHADE STRUCTURE ROOFS WILL BE USED AS APPROPRIATE. AN AUTOMATIC IRRIGATION SYSTEM CONNECTED TO CITY WATER WILL BE INSTALLED FOR PLANT MATERIAL NOT LOCATED IN FLOOD IRRIGATED FIELDS AND STORMWATER BASINS. THE SYSTEM WILL BE CONTROLLED BY AN AUTOMATIC CONTROLLER. PLANTS WILL BE IRRIGATED BY LOW FLOW BUBBLERS OR DRIP. A REDUCED PRESSURE BACKFLOW PREVENTER WILL BE INSTALLED IN A HEATED ENCLOSURE TO PROTECT THE CITY WATER SUPPLY FROM CROSS-CONTAMINATION.

COMPLIANCE WITH GENERAL LANDSCAPING STANDARDS (PER 14-16-5-6 OF THE COA IDO)

1. THIS PLAN PROVIDES VISUALLY ATTRACTIVE LANDSCAPE BUFFERS AT THE PERIMETER OF THE FACILITY. A VISUALLY ATTRACTIVE STREETSCAPE, AND INTERSPERSED TREES IN LANDSCAPE AREAS TO PROVIDE SHADE AND REDUCE LARGE EXPANSES OF PAVEMENT AND PARKED CARS.
2. GROUNDCOVER MULCH COMPRISES A COMBINATION OF CRUSHED GRAVEL (25%) AND ORGANIC MULCH (75%)

LANDSCAPE CALCULATIONS:

- TOTAL LOT AREA: 282,033 SF
  LESS TOTAL BUILDING AREA: 180 SF
  LESS S.O.W. LANDSCAPING:0 SF
  NET LOT AREA: 281,853 SF
- REQUIRED MINIMUM LANDSCAPE AREA (15% OF NET LOT AREA) – [5-6(C)(2)]:
  42,278 SF
  PROVIDED LANDSCAPE AREA:
  209,804 SF (75% OF NET LOT AREA)
- REQUIRED VEGETATIVE COVERAGE (75% OF REQUIRED LANDSCAPE AREA) – [5-6(C)(2)(C)]:
  31,709 SF
  PROVIDED VEGETATIVE COVERAGE IN LANDSCAPE AREAS:
  123,019 SF (388% OF REQUIRED TOTAL COVERAGE)
- REQUIRED GROUND LEVEL VEGETATIVE COVERAGE (25% OF TOTAL VEGETATIVE COVERAGE) – [5-6(C)(2)(C)]:
  7,927 SF
  PROVIDED GROUND LEVEL VEGETATIVE COVERAGE:
  39,346 (496% OF REQUIRED TOTAL COVERAGE)
- REQUIRED STREET TREES – [5-6(D)(1)]:
  18 (447 LF ALONG RIO GRANDE BLVD., TREES AVERAGE 25' O.C.)
  EXISTING STREET TREES:
  7 TREES ALONG RIO GRANDE BLVD.
  PROVIDED STREET TREES:
  11 ADDITIONAL TREES ALONG RIO GRANDE BLVD.
- REQUIRED PARKING LOT INTERIOR LANDSCAPE – [5-6(F)(2)]:
  4,154 SF 10% MINIMUM OF PARKING LOT AREAS CONTAINING 50 OR LESS SPACES)
  PROVIDED PARKING LOT INTERIOR LANDSCAPE:
  5,708 SF (137% OF REQUIRED PARKING LOT INTERIOR LANDSCAPE)
- REQUIRED PARKING LOT TREES AT ONE TREE PER TEN SPACES – [5-6(F)(2)(C)]:
  32 TOTAL SPACES
  4 REQUIRED TREES
  PROVIDED PARKING LOT TREES:
  39 TREES

SYMBOL LEGEND

EXISTING TREES TO REMAIN.

PARKING LOT AREA – FOR PURPOSES OF CALCULATING REQUIRED PARKING LOT TREES AND LANDSCAPE.

HATCH LEGEND – NATURE OF GROUND COVER MATERIALS

IMPERVIOUS AREAS – ALL AREAS NOT INDICATED BY THIS HATCH ARE PERVIOUS. SEE PLANT LEGEND FOR MORE INFORMATION.

STORMWATER PONDING AREAS (PERVIOUS).

PERVIOUS ROAD AND PARKING LOT.

PERVIOUS DIRT MAINTENANCE ROAD AND PATHS.

PERVIOUS COMPACTED CRUSHER FINES.

PLANT LIST/LEGEND

PLANT PALLETS ARE CONCEPTUAL TO COMMUNICATE THE INTENT OF THE PLANTING CONCEPT. ACTUAL PLANT PALETTES WILL BE DETERMINED BY CITY FORESTER AND OPEN SPACE SUPERINTENDENT AND CANDELARIA NATURE PRESERVE MANAGERS. PLANT CHOICES WILL LIKELY CHANGE AND BE ADDED TO OVER TIME AS DEEMED NECESSARY BY PARITIES LISTED ABOVE.

PARKING LOT, STREET AND SITE TREES

COMMON NAME	BOTANICAL NAME	MATURE SIZE (HT X SPD)
LACEBARK ELM	ULMUS PARVIFOLIA	40' X 30'
PURPLE ROBE LOCUST	ROBINIA "PURPLE ROBE"	30' X 20'
LANCELEAF COTTONWOOD	POPULUS X ACUMINATA	50' X 50'
RIO GRANDE COTTONWOOD	POPULUS DELTOIDES WISLIZENI	60' X 60'
NETLEAF HACKBERRY	CELTIS RETICULATA	25' X 25'

FOOD TREES

COMMON NAME	BOTANICAL NAME	MATURE SIZE (HT X SPD)
CORNELIAN CHERRY	CORNUS MAS	15' X 20'
POMEGRANATE	PUNICA SPP.	10' X 10'
JUJUBE	ZIZYPHUS JUJUBA	25' X 25'
HERITAGE APPLE	VARIETY	25' X 25'
APRICOT	PRUNUS ARMENIACA	25' X 25'

TEST TREE ARBORETUM

COMMON NAME	BOTANICAL NAME	MATURE SIZE (HT X SPD)
GOODDING'S WILLOW	SALIX GOODINGGII	30' X 30'
MEXICAN SYCAMORE	PLATANUS MEXICANA	50' X 20'
EASTERN COTTONWOOD	POPULUS DELTOIDES	50' X 50'
ARIZONA WHITE OAK	QUERCUS ARIZONICA	30' X 30'
CORK OAK	QUERCUS SUBER	40' X 40'
SOUTHERN LIVE OAK	QUERCUS VIRGINIANA	40' X 40'
BLUE OAK	QUERCUS OBLONGIFOLIA	30' X 30'
CHISOS RED OAK	QUERCUS GRAVESII	40' X 30'
VELVET MESQUITE	PROSOPIS VELUTINAI	30' X 30'
GOLDENBALL LEADTREE	LEUCAENA RETUSA	20' X 15'
PALO VERDE HYBRIDS	PARKINSONIA X CERCIDIUM	25' X 25'
FRAGRANT ASH	FRAXINUS CUSPIDATA	12' X 12'
QUINCE	CYDONIA OBLONGA	12' X 12'
SOUTHERN WAXMYRTLE	MORELLA CERIFERA	12' X 12'

NATIVE GRASS MEADOW

COMMON NAME	BOTANICAL NAME	PLS/ACRE
WESTERN WHEATGRASS	AGROPYRON SMITHII	2
ALKALI SACATON	SPOROBOLUS AIROIDES	2
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	2
SIDEOATS GRAMA	SPOROBOLUS CRYPTANDRUS	2
BLUE GRAMA	BOUTELOUA GRACILIS	3
GALLETA	PLEURAPHIS JAMESII	4
INDIAN RICE GRASS	ORYZOPSIS HYMENOIDES	2
SAND DROPSEED	SPOROBOLUS CRYPTANDRUS	1

VEGETATED SCREENING BERMS

COMMON NAME	BOTANICAL NAME	MATURE SIZE (HT X SPD)
SAND CHERRY	PRUNUS BESSEYI	5' X 5'
ARIZONA ROSEWOOD	VAUQUELINIA CALIFORNICA	12' X 10'
SAND SAGE	ARTEMISIA FILIFOLIA	4' X 4'
CHIEFTAIN MANZANITA	ARCTOSTAPHYLOS X COLORADOENSIS 'CHIEFTAIN'	2' X 6'
APACHE PLUME	FALLUGIA PARADOXA	4' X 4'
TURPENTINE BUSH	ERICAMERIA LARCIFOLIA	3' X 3'
FERNBUSH	CHAMAEBATERIA MILLFOLIUM	6' X 8'
MOONSHINE YARROW	ACHILLEA 'MOONSHINE'	18" X 2'
PRAIRIE SAGE	ARTEMISIA LUDOVICIANA	18" X 2'
INDIANGRASS	SORGHASTRUM NUTANS	4' X 2'
DEER GRASS	MUHLENBERGIA RIGENS	3' X 3'
GIANT HESPERALOE	HESPERALOE FUNIFERA	4' X 4'

STORMWATER HARVESTING BASINS

COMMON NAME	BOTANICAL NAME	MATURE SIZE (HT X SPD)
NETLEAF HACKBERRY	CELTIS RETICULATA	25' X 25'
NM OLIVE	FORESTIERA NEOMEXICANA	12' X 12'
COYOTE WILLOW	SALIX EXIGUA	6' X 6'
ANDERSON WOLFBERRY	LYCIUM ANDERSONII	6' X 6'
THREE LEAF SUMAC	RHUS TRILOBATA	4' X 4'
LEADPLANT	AMORPHA CANESCENS	3' X 3'
PRAIRIE SAGE	ARTEMESIA LUDOVICIANA	18" X 2'
YARROW	ACHILLEA MILLEFOLIUM	12" X 12"
YERBA MANSA	ANEMOPSIS CALIFORNICA	6" X 18"
GIANT SACATON	SPOROBOLUS WRIGTII	5' X 5"
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	2' X 1'

PARKING LOT AND EDGE BUFFER LANDSCAPE – SEE SITE PLAN FOR DIMENSIONS

COMMON NAME	BOTANICAL NAME	MATURE SIZE (HT X SPD)
NETLEAF HACKBERRY	CELTIS RETICULATA	25' X 25'
NM OLIVE	FORESTIERA NEOMEXICANA	12' X 12'
COYOTE WILLOW	SALIX EXIGUA	6' X 6'
APACHE PLUME	FALLUGIA PARADOXA	4' X 4'
TURPENTINE BUSH	ERICAMERIA LARCIFOLIA	3' X 3'
PRAIRIE SAGE	ARTEMESIA LUDOVICIANA	18" X 2'
MOONSHINE YARROW	ACHILLEA 'MOONSHINE'	18" X 2'
INDIANGRASS	SORGHASTRUM NUTANS	4' X 2'
DEER GRASS	MUHLENBERGIA RIGENS	3' X 3'

SEED SOURCE FIELD

PLANT SPECIES SHALL BE PER CANDELARIA NATURE PRESERVE RESOURCE MANAGEMENT PLAN AND PRESERVE MANAGERS.

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
INSPECTED FOR ACCEPTANCE BY DATE
FOR VERIFICATION BY DATE
CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ARCHITECTURAL SEAL

EPC SUBMITTAL
NOT FOR
CONSTRUCTION

REVISIONS
NO. DATE REMARKS BY

DESIGNED BY: GM/KW DATE 06/09/2022
DRAWN BY: KW/DRF DATE 06/09/2022
CHECKED BY: GM DATE 06/09/2022

MRWM
LANDSCAPE ARCHITECTS
www.mrwm.com 800 309 2306

CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

RIO GRANDE TREE NURSERY
OPEN SPACE
LANDSCAPE PLAN

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. | Zone Map No. G12, G13 | Sheet 2 of 2