

IRRIGATION NOTES:
Irrigation system maintenance and operation shall be the sole responsibility of the owner. It shall be the owner's responsibility to ensure that fugitive water does not leave the site due to overwatering.

Irrigation shall be a complete underground system with Trees to receive 1 Netafim spiral (50' length) with 3 loops at a final radius of 4.5' from tree trunk, pinned in place. Netafim shall have emitters 12" o.c. with a flow of .6 gph. Shrubs to receive (2) 10 GPH Drip Emitters. Drip and Bubbler systems to be tied to 1/2" polypipe with flush caps at each end.

Run time per each shrub drip valve will be approximately 15 minutes per day. Tree drip valve shall run 15 hours, 3 times per week. Run time will be adjusted according to the season.

Point of connection for irrigation system is unknown at current time and will be coordinated in the field. Irrigation will be operated by automatic controller.

Location of controller to be field determined and power source for controller to be provided by others.

Irrigation maintenance shall be the responsibility of the Property Owner.

Water and Power source shall be the responsibility of the Developer/Builder.

LANDSCAPE NOTES:
Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain street trees and shrubs in a living, healthy, and attractive condition.

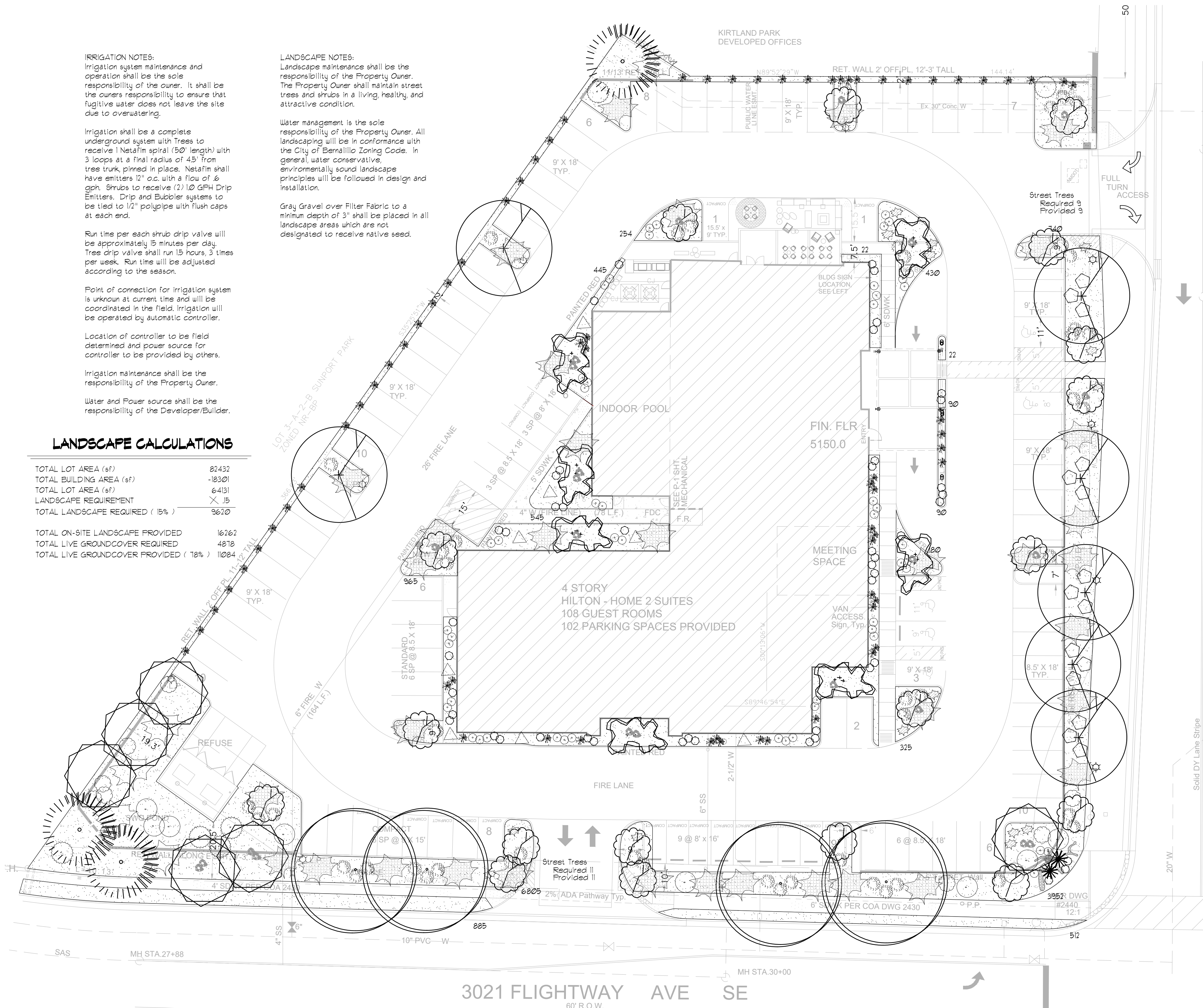
Water management is the sole responsibility of the Property Owner. All landscaping will be in conformance with the City of Bernalillo Zoning Code. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

Gray Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas which are not designated to receive native seed.

LANDSCAPE CALCULATIONS

TOTAL LOT AREA (sf)	82432
TOTAL BUILDING AREA (sf)	-18301
TOTAL LOT AREA (sf)	64131
LANDSCAPE REQUIREMENT	X .15
TOTAL LANDSCAPE REQUIRED (15%)	9620

TOTAL ON-SITE LANDSCAPE PROVIDED	16262
TOTAL LIVE GROUND COVER REQUIRED	4878
TOTAL LIVE GROUND COVER PROVIDED (18%)	11084



LANDSCAPE LEGEND

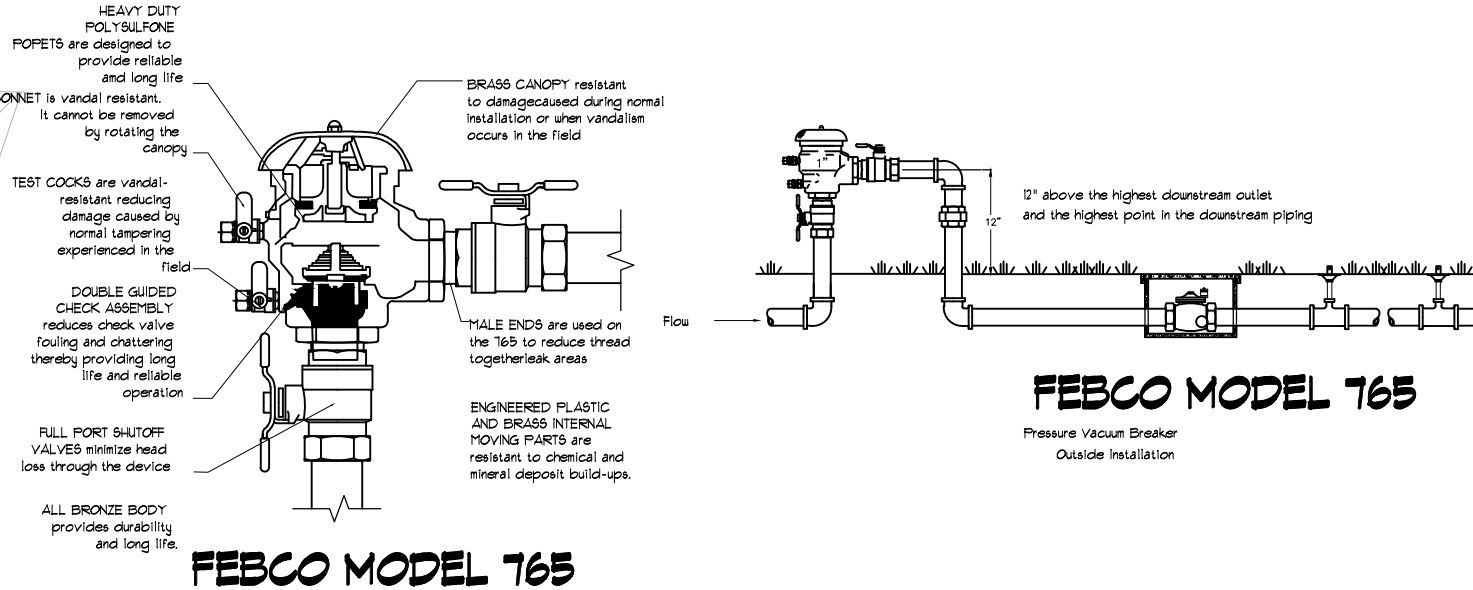
QTY	SIZE	COMMON/BOTANICAL	H2O USE
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Trees

1	2' cal	Texas Red Oak <i>Quercus buckleyi</i>	40x35 1225 8575 M+
4	2' cal	Honey Locust <i>Gleditsia triacanthos</i>	50x45 2025 8100 M
3	6 - 8'	Austrian Pine <i>Pinus nigra</i>	35x25 625 1875 M
1	15 Gal	Crape Myrtle <i>Lagerstroemia indica</i>	20x20 400 2800 M
2	4 - 6'	Palm Yucca <i>Yucca faxoniana</i>	15x6 36 12 M
18	15 Gal	Oklahoma Redbud <i>Cercis reniformis</i>	15x12 144 162 M

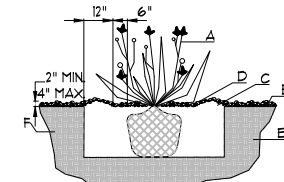
Shrubs & Groundcovers

48	5 Gal	Desert Willow <i>Chilopsis linearis</i>	20x25 625 3750 M
11	5 Gal	India Hawthorne <i>Raphiolepis indica</i>	3x6 36 1728 M
15	5 Gal	Feather Reed Grass <i>Calamagrostis arundinacea</i>	25x3 9 639 M
8	5 Gal	Gray Leaf Cotoneaster <i>Cotoneaster glaucophylla</i>	5x6 36 540 M
5	5 Gal	Butterfly Bush <i>Buddleia davidii</i>	4x12 144 5040 M
35	5 Gal	Winter Jasmine <i>Jasminum nudiflorum</i>	4x12 144 5040 M
47	5 Gal	Cherry Sage <i>Salvia greggii</i>	2x3 9 423 M
51	5 Gal	Blue Mist <i>Caryopteris x clandonensis</i>	3x3 9 459 M
8	5 Gal	Fern Bush <i>Chamaebatia millefolium</i>	5x6 36 288 L
6	5 Gal	Apache Plume <i>Folugia paradoxa</i>	6x1 49 294 L
9	5 Gal	Gro Low Sumac <i>Rhus aromatica</i>	5x1 49 441 L
15	5 Gal	Knock Out Roses <i>Rosa 'Knock Out'</i>	3x4 90 120 L
23	2-3cf	Boulders <i>To be placed at contractor discretion</i>	Shrub Coverage 11084
16262		Landscape Gravel / Filter Fabric 3/4" Crushed Grey	
400		Oversize Landscape Gravel / Filter Fabric 2-4" Adobe Rose	



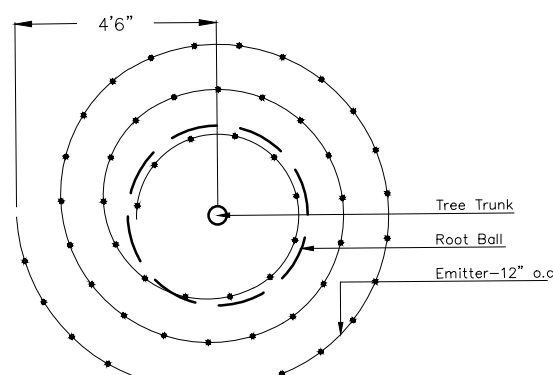
TREE PLANTING DETAIL

GENERAL NOTE:
1. TREES SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE ROOT SETTLING.
2. TOP OF ROOT COLLAR INDICATED LEVEL AT WHICH TREE WAS GROWN AND DUG THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE RELOCATED. THIS LEVEL MAY BE EXCEEDED BY NO MORE THAN 1/4\"/>

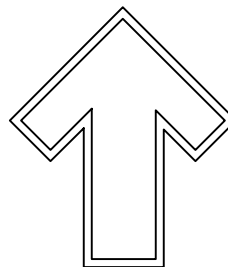
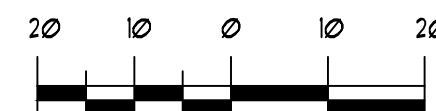


SHRUB PLANTING DETAIL

GENERAL NOTE:
1. THE DIAMETER OF THE WATER RETENTION BASIN SHALL BE TWICE THE DIAMETER OF THE SHRUB PLANTING.
2. FURNISH AND INSTALL 1/2\"/>



GRAPHIC SCALE



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Landscape Plan

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The Hilltop
LANDSCAPE ARCHITECTS & CONTRACTORS

DRAWN BY
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DATE
12/16/2015

SHEET #

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