Qty	Botanical Name	Common Name	Size	(N)ative or (A)dapted	Drought-tolerant (Y)es or (N)o	(E)xisting or (N)ew
Trees						
6	Taxodium distichum	BALD CYPRESS		N	N	E
21	Ulmus crassifolia	CEDAR ELM		N	Y	E
11	Lagerstroemia indica	CRAPEMYRTLE		A	Y	E
1	Sophora affinis	EVES NECKLACE	2 1/2"	N	Y	N
8	Quercus virginiana	LIVE OAK		N	Y	E
Shrubs						
31	MAHONIA TRIFOLIOLATA	AGARITO	5G	N	Y	N
52	MYRICA PUSILA	DWARF WAX MYRTLE	5G	N	Y	N
591	Berberis thunbergii 'Atropurpurea'	PURPLE LEAF JAPANESE BARBERRY	3G	A	Y	N
7	HESPERALOE PARVIFLORA	RED YUCCA	3G	N	Y	N & E
3	CASSIA MARILANDICA	SENNA	5G	N	Y	N
72	RHAPHIOLEPIS INDICA	INDIAN HAWTHORN			N	E
Ornamental Grasses						
15	MUHLENBERGIA LINDHEIMERI	LINDHEIMER MUHLY GRASS	3G	N	Y	N
Perennials and Annuals						
35	SALVIA GREGGII	AUTUMN SAGE	3G	N	Y	N
18	SCUTELLARIA SUFFRUTESCENS	PINK SKULLCAP	1G	A	Y	N
Succulents						
27	Yucca filamentosa 'Color Guard'	COLOR GUARD YUCCA	3G	A	Y	N
15	DASYLIRION WHEELERI	SOTOL	3G	N	Y	N
2	AGAVE PARRYI	AGAVE PARRYI	5/7G	Y	Y	N
Groundcovers						
360	SALVIA ROEMERIANA	CEDAR SAGE	1G	N	Y	N
	TRACHELOSPERMUM ASIATICUM	ASIAN JASMINE		A	Y	E
Turfgrass						
	STENOTAPHRUM SECUNDATUM	ST. AUGUSTINE TURF			N	E

LANDSCAPE CALCULATIONS:

TOTAL LANDSCAPED AREA 30,131 SF

AREA COVERED BY DROUGHT TOLERANT TREE CANOPIES = 77,681 SF

AREA COVERED BY OTHER DROUGHT TOLERANT PLANTINGS = 8,280 SF

TOTAL DROUGHT TOLERANT AREA 85,961 SF

TREE CANOPY CALCULATIONS:

LIVE OAK - 9 @ 50' SPREAD, 1,963 SF EA (17,667 TOTAL)

CEDAR ELM -20 @ 60' SPREAD, 2,828 EA (56,560 TOTAL)

BALD CYPRESS - 6 @ 50' SPREAD, 1,963 EA (11,778 TOTAL)

CRAPE MYRTLE - 1 @ 20' SPREAD, 314 EA (3,454 TOTAL)

SEE PLANT LIST FOR NATIVE AND DROUGHT TOLERANT DESIGNATION.

GREEN GLOBE STANDARD CRITERIA:

CRITERIA #	CRITERIA QUESTION	MET	DOCUMENTATION
3.2.4.3	Does the plant palette include the following (documentation sources)	Yes	-'Tree Guide For Dallas and N. Central TX' by Trinity Blacklands Urban Forestry Council -Drought Tolerant Plants' by Dallas Water Utilities -Native Plant Society of Texas -'Recommended Landscape Plant Materials for North Central Texas' by Texas A&M AgriLife Extension -Lady Bird Johnson Wildflower Center
3.2.4.3.1	Min. of 50 percent of vegetated area covered with drought-tolerant plants.	Yes	Total drought-tolerant planting area (85,961 sf.) / total landscaped area (30,131 sf.) = 285 percent
3.2.4.3.2	Min. of 50 percent of vegetated area covered with native and non-invasive plants.	Yes	Native tree canopies (86,005sf.)/ total landscaped area (30,131 sf.) =285 percent Plus additional native planting area
3.2.4.3.3	Minimal turf grass	No	Existing established St. Augustine turf will remain
3.2.4.4.1	At least 6" of soil in planting beds will be tilled and soil amendments added.	Yes	See landscape notes for specs.
3.2.4.4.2	Organic mulch as per best practices	Yes	Shredded hardwood mulch or river rock to a depth of 3" leaving tree collars and shrub stems exposed.
3.2.4.5.1	Plants with similar water requirements are grouped together.	Yes-new plantings	Existing drought-tolerant trees are growing with St. Augustine turf (not drought-tolerant.) under them.
3.2.4.5.2	Plants are spaced to allow for maturation at 5-yr. growth rate.	Yes	All plants on plan are drawn at mature size with exception of existing lg. shade trees.
3.2.4.2.2	Soil type, drainage, and light conditions	Yes	Deep, nearly level to sloping, loamy and sandy soils on stream terraces. Perimeter of lot is dappled shade due to existing shade trees. North side of bldg. deeply shaded.
3.2.4.6	Rqmt. that 15 percent of planned impervious walkways, patios, and driveways installed with pervious materials.	Yes	Only planned patio is 100 percent pervious. Noted on plan.

LANDSCAPE NOTES:

1. Plant material shall be measured and sized according to the latest edition of the Texas Nursery and Landscape Association grades and standards.
2. All planting beds shall be top-dressed with a minimum of 3" of shredded hardwood or river rock mulch.
3. A minimum of 3" of organic compost shall be added to native soil and tilled in to a depth of at least 8" prior to planting.
4. Trees shall be planted at least 4' from utility line, curb, walk, fire connection, and outside all utility easements.
5. The owner, tenant, and/or their agents shall be jointly and severally responsible for the maintenance, establishment, and permanence of plant material. All landscaping shall be maintained in a neat and orderly manner at all times. This shall include, but not limited to, mowing, edging, pruning, fertilizing, watering, and other activities neecessary for the maintenance of landscaped areas.
6. All plant material shall be maintained in a healthy growing condition as is appropriate for the season. Plant material that is damaged, destroyed, or removed shall be replaced with plant material of similar size and variety within 30 days.
7. Before construction begins, contractor shall verify and locate all existing utilities in area of excavation.
8. All landscape beds and turf areas to be separated with steel edging.
9. A minimum of 2 percent slope shall be provided away from all structures.
10. All planting beds shall have an automatic irrigation system with a freeze/rain sensor. System shall also have an ET weather based controller and be designed by a licensed irrigator.
Drought-tolerant plants shall be monitored to prevent over-watering. Once plants become established, water should be reduced or eliminated as appropriate for plant species.
11. River rock size and color shall match what is existing on site. It shall be compacted to a minimum depth of 3" over filter fabric.
12. Flagstone shall be of a size and color to match what is existing on site. It shall be set in sand over a stable but pervious base.

	DATE	ACTION
PLANNING & ZOINING COMMISSION DATE:		
CITY COUNCIL DATE:		
ORDINANCE NO:		
RESOLUTION NO:		
ADMINISTRATIVE APPROVAL DATE:		

DESIGNED BY ANGELA HOOPER FOR

PRECISION LANDSCAPE MANAGEMENT

NORTH

REVIEWED BY

LANDSCAPE DESIGN AND PLANTING PLAN

TDIndustries

13850 DIPLOMAT DR., DALLAS, TX

SCALE 1" - 20'0" DATE NOVEMBER 2014 DRAWING # L1

SCALE 1" - 20'0"

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