

**PLANT SCHEDULE**

TREES	CODE	COMMON NAME / BOTANICAL NAME	CONT	CAL	SIZE	QTY
	IO2	American Holly / <i>Ilex opaca</i> 'East Palatka' single trunk; buffer tree	CONT.	3" Cal	8-10' ht.	14
	SHO	Shumard Red Oak / <i>Quercus shumardii</i> street tree	CONT.	4" Cal	12-14' ht.	11
	CE	Cedar Elm / <i>Ulmus crassifolia</i> parking lot tree	CONT.	4" Cal	14-15' HT.	8
SHRUBS	CODE	COMMON NAME / BOTANICAL NAME	SIZE	QTY		
	CJ	Cleyera / <i>Cleyera japonica</i> 48" o.c.; living screen	5 gal	45		
	DY	Dwarf Yaupon / <i>Ilex vomitoria</i> 'Nana' 24" o.c.	5 gal	18		
	WL	Waxleaf Ligustrum / <i>Ligustrum japonica</i> 36" o.c.	5 gal	136		
	WXM	Southern Wax Myrtle / <i>Myrica cerifera</i> 36" o.c.; living screen	5 gal	14		
SHRUB AREAS	CODE	COMMON NAME / BOTANICAL NAME	CONT	SPACING	QTY	
	LA	Aztec Grass / <i>Liriope muscari</i> 'Aztec'	1 gal	15" o.c.	232	
	MFG	Mexican Feathergrass / <i>Stipa tenuissima</i>	1 gal	24" o.c.	272	
GROUND COVERS	CODE	COMMON NAME / BOTANICAL NAME	CONT	QTY		
	CT	Bermuda Grass / <i>Cynodon dactylon</i> 'Tif 419' sod	sod	13,102 sf		

**GENERAL PLANTING NOTES**

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN). BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
- CONSTRUCT AND MAINTAIN FINISH GRADES IN LANDSCAPE AREAS AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
- ENSURE THAT THE GRADE IN SHRUB AREAS SHALL BE 2" BELOW FINISH GRADE AFTER INSTALLING SOIL AMENDMENTS, AND 1" BELOW FINISH GRADE IN SOD AREAS AFTER INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
- INSTALL 5 OUNCE, WOVEN, NEEDLE-PUNCHED POLYPROPYLENE FABRIC (D&WITT "PRO-5" OR EQUAL) UNDER ALL MULCHED AREAS AND INDIVIDUAL TREE RINGS.
- INSTALL MULCH TOPDRESSING, TYPE AND DEPTH PER MULCH NOTE, IN ALL PLANTING BEDS AND TREE RINGS. DO NOT INSTALL MULCH WITHIN 6" OF TREE ROOT FLARE.
- INSTALL 14G, GREEN STEEL EDGING BETWEEN ALL PLANTING BEDS AND TURF AREAS, AND BETWEEN GROUNDCOVERS AND OTHER PLANTS (WHERE INDICATED ON THE PLAN).
- HYDROMULCH ALL DISTURBED AREAS OUTSIDE OF PROPERTY LIMITS (UNLESS SHOWN AS SOD).
- ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
- NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
- PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOBSITE BY THE OWNER OR OWNER'S REPRESENTATIVE.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTling OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS AND DISEASES, REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
- SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER.
- TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
  - THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
  - ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
  - SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH. BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESEDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.
- SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

**LANDSCAPE CALCULATIONS**

<b>SITE</b>	
TOTAL SITE AREA:	44,561 SF
MINIMUM PERMANENT LANDSCAPE REQUIRED:	4,456 SF (10%)
PERMANENT LANDSCAPE PROVIDED:	16,665 SF
<b>STREET YARD</b>	
TOTAL STREET YARD AREA:	27,852 SF
MINIMUM PERMANENT LANDSCAPE REQUIRED:	4,178 SF (15%)
PERMANENT LANDSCAPE PROVIDED:	10,971 SF
<b>STREET TREES</b>	
SKYLINE DR. @ 245 LF	
TREES REQUIRED (1 TREE/40 LF):	7 TREES
TREES PROVIDED:	7 TREES
<b>US 380 @ 144 LF</b>	
TREES REQUIRED (1 TREE/40 LF):	4 TREES
TREES PROVIDED:	4 TREES

U.S. HIGHWAY 380  
(UNIVERSITY DRIVE)  
VARIABLE WIDTH R.O.W. PER PLAT  
VOL. 313 PAGE 272  
D.R.C.C.T.

**PLANTING AND IRRIGATION GUARANTEE**

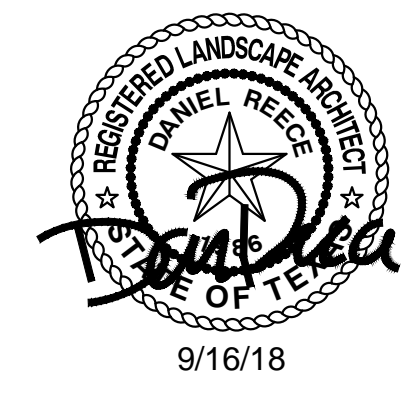
THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL NEWLY INSTALLED AND EXISTING PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

**TURF NOTE:**

The Contractor shall verify water restrictions within the City of McKinney at time of planting. Should water restrictions not allow hydro-mulch, hydro-seeding, or sprigging (Stage 3 and Stage 4 water restrictions), an approved alternative for grassing shall be installed.

**IRRIGATION NOTE:**

all required landscape areas shall be provided with an automatic underground irrigation system with rain and freeze sensors and evapotranspiration (ET) weather based controllers and said irrigation system shall be designed by a qualified professional and installed by a licensed irrigator.



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CIVIL ENGINEER

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**05-07-2018**



JIFFY LUBE  
### W UNIVERSITY DR (HWY 380)  
MCKINNEY, TX 75071  
SKYLINE/380 ADDITION  
LOT 5, BLOCK A

NO.	DATE	REVISIONS
1	05-26-2017	INITIAL SUBMITTAL

Drawn Checked DFR RM  
INITIAL SUBMITTAL  
Project No. CST1600x.0  
Title **LANDSCAPE PLAN**  
Sheet No. **LP-1**