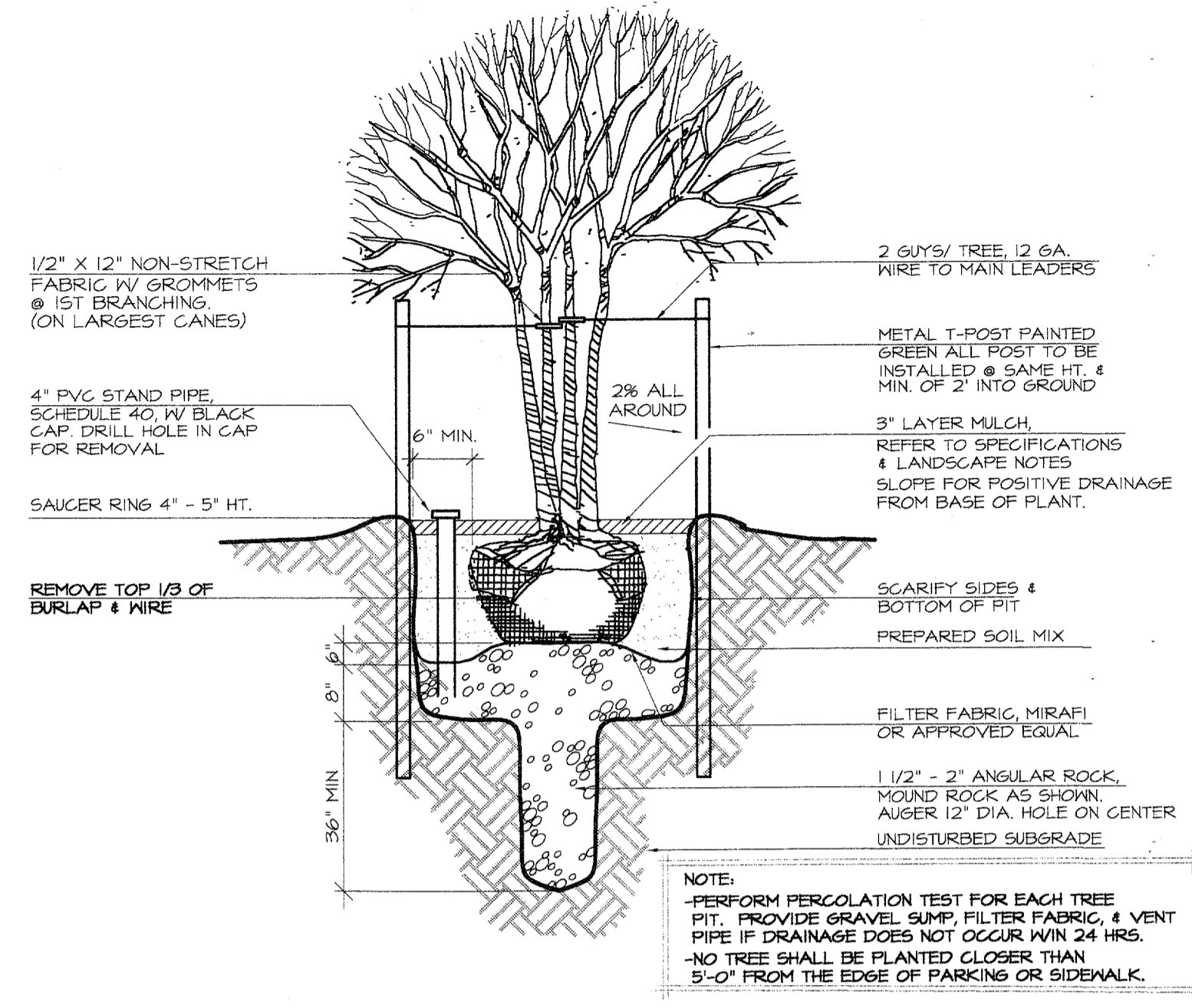
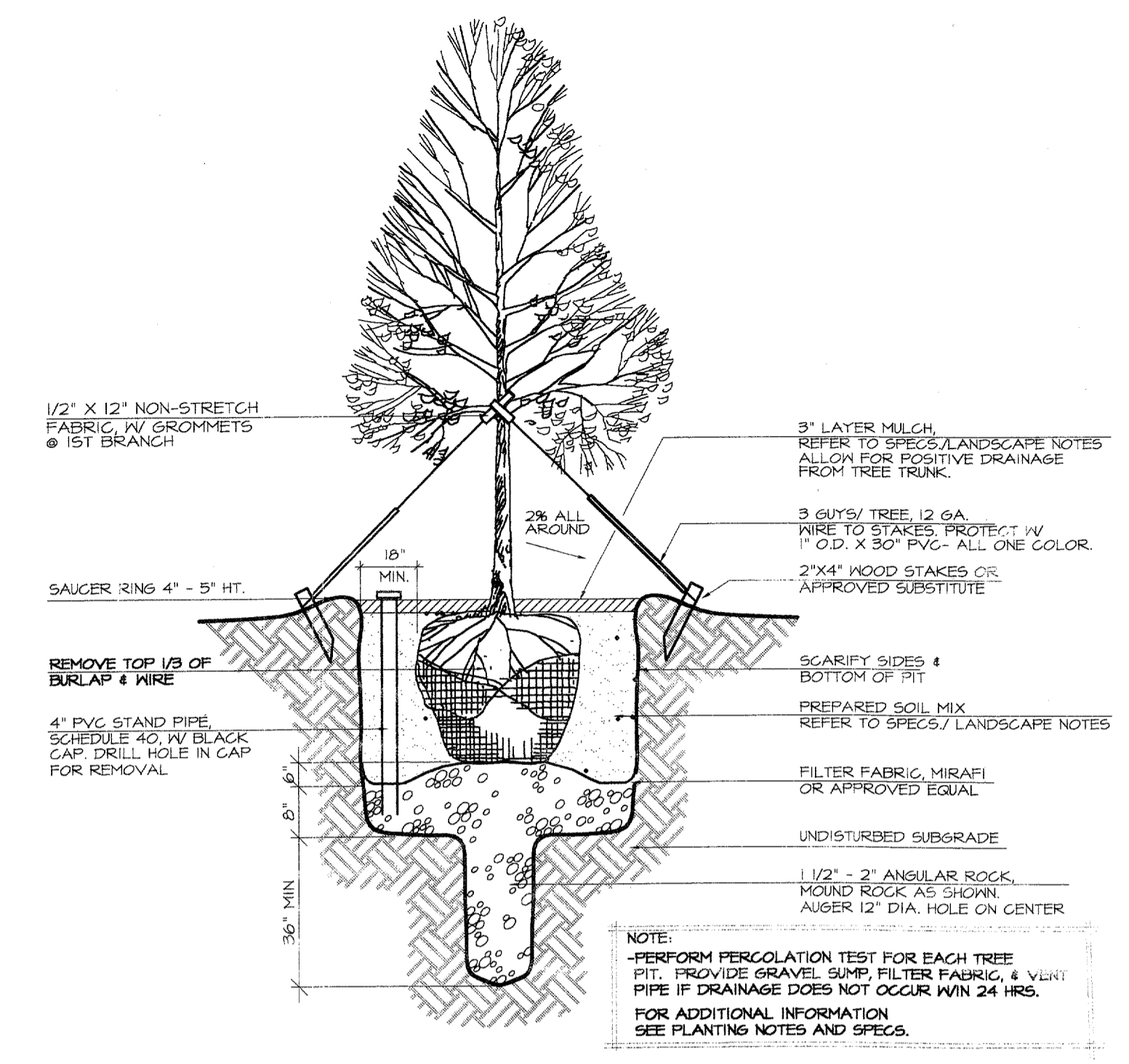


SHRUB & GROUND COVER PLANTING DETAIL



ORNAMENTAL TREE PLANTING DETAIL



CANOPY TREE PLANTING DETAIL

PLANT LIST - AIRPORT TRAFFIC CONTROL TOWER

PLANT	PLANT QUANTITY	COMMON NAME BOTANICAL NAME	SIZE	HEIGHT	SPREAD	COMMENTS
<b>LARGE TREES- INSTALL PER DETAIL L&amp;2-A &amp; B</b>						
	5	TEXAS REDBUD CERCIS CANADENSIS TEXENSIS	2' GAL. 50.8mm	8' (2.43m)	4' (1.2m)	FULL, WELL BRANCHED, SINGLE, CONTAINER GROWN
	2	SAVANNAH HOLLY ILEX OPACA 'SAVANNAH'		8'10" (2.44x0.09m)	4'5" (1.24x1.84m)	FULL, WELL BRANCHED, SINGLE, CENTRAL LEADER, CONTAINER GROWN
	17	GRAPE MYRTLE 'NEAR EAST' LAGERSTROEMIA INDICA 'NEAR EAST'		8'10" (2.44x0.09m)	4'5" (1.24x1.84m)	FULL, WELL BRANCHED, 3-4 CANES MULTI, CONTAINER GROWN
	10	LAGE BARK ELM ULMUS PARVIFOLIA	4' GAL. (0.1616m <sup>3</sup> )	14' (4.27m)	6' (1.83m)	FULL, WELL BRANCHED, CENTRAL LEADER, SINGLE CONTAINER GROWN
<b>SHRUBS- INSTALL PER L&amp;2-D</b>						
	121	DWARF BURFORD HOLLY 'LEX GORUTIA 'BURFORDI' NANA	5 GAL. 18.93 L	22" (558.8mm)	18" (457.2mm)	FULL, PLANT 2' (6m) O.C.
	50	ELAEAGNUS ELAEAGNUS FUNGENS 'FRUITLANDI'	5 GAL. 18.93 L	22" (558.8mm)	18" (457.2mm)	FULL, PLANT 3' (9m) O.C.
	26	NANDINA 'HARBOR' DWARF NANDINA DOM. COMP. 'HARBOR'	5 GAL. 18.93 L	16" (457.2mm)	16" (457.2mm)	FULL, PLANT 2' (6m) O.C.
	24	IND. HAWTHORN RAFHIOLEPIS INDICA 'SPRING RAPTURE'	5 GAL. 18.93 L	22" (558.8mm)	22" (558.8mm)	FULL, PLANT 3' (9m) O.C.
	16	TAM JUNIPER JUNIPERUS SABINA 'TAMARISCIFOLIA'	5 GAL. 18.93 L	18" (457.2mm)	18" (457.2mm)	FULL, PLANT 3' (9m) O.C.
	82	DWF. YAUPON HOLLY ILEX VOMITORIA 'NANA'	2 GAL. 7.57 L	16" (406.4mm)	16" (406.4mm)	FULL, PLANT 2' (6m) O.C.
	430	LIRIOPE LIRIOPE MUSCARI 'BIG BLUE'	4" POT 4.73 L	6" (152.4mm)	6" (152.4mm)	FULL, PLANT 8" (203.2mm) O.C.
	180	SEASONAL COLOR ANNUAL	4" POT 4.73 L	6" (152.4mm)	6" (152.4mm)	FULL, PLANT WHEN IN 50% BLOOM AT 8" (203.2mm) O.C.
<b>MISCELLANEOUS</b>						
	8566sf (195.18sm)	COMMON BERMUDAGRASS CYNODON DACTYLOIDES	SOLID SOD			
	3441sf (366.1sm)	DECO. GRAVEL ANTIQUE GREEN	1/2" DIA. (12.7MM)			3" DEPTH, SPREAD OVER FILTER FABRIC AVAILABLE CACTUS CANYON QUARRIES (210)643-4331
	1742sf (166.5sm)	GRAVEL WASHED RIVER ROCK	1" DIA. (25.4mm)			3" DEPTH, SPREAD OVER FILTER FABRIC
	1748sf (532.8m)	STEEL EDGING RYERSON	4" (10CM)			GREEN/BLACK, SET TOP 1" (25.4mm) ABOVE FINISHED GRADE
	2655sf (246.8sm)	HARDWOOD MULCH				3" DEPTH, APPLY TO BED AREAS AND POCKET PLANT SHRUBS W/O GRAVEL
	2305sf (214.1sm)	BED PREPARATION WITH MULCH				REFER TO SPECIFICATIONS AND LANDSCAPE NOTES THIS SHEET

LANDSCAPE PLANTING NOTES:

**PREPARATION**  
LANDSCAPE CONTRACTOR AND REPRESENTATIVE OF OWNER SHALL BE RESPONSIBLE FOR VERIFYING THE CORRECT LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIALS.

**PLANT LOCATIONS**  
REFER TO PLANTING PLAN FOR PLANTING LOCATIONS AND PLANT MATERIAL LEGEND FOR SPECIFICATIONS. PLANT MATERIAL LOCATION TO BE STAKED IN THE FIELD AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.

**GRADING AND DRAINAGE**  
MESA DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR FAILURE OF ANY HARDSCAPE ELEMENT SUCH AS WALKS, ENTRANCES TO STRUCTURES, AND PLANTER BEDS FORMED OR ENCLOSED BY EDGING AND FLATWORK, WHICH DO NOT DRAIN DUE TO IMPROPER SET UP OF ELEVATIONS DURING CONSTRUCTION. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FINE GRADING, VERIFYING THAT WATER DRAINS AWAY FROM BUILDING.

**COORDINATION**  
LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS.

**MAINTENANCE**  
LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PLANTING BEDS IN A WEED AND DEBRIS FREE CONDITION AND SHALL ACCOMPLISH WATERING BY HAND AS DEEMED NECESSARY UNTIL SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER. THE CONTRACTOR SHALL MAINTAIN ALL WORK FOR A PERIOD OF 90 DAYS AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE.

**VERIFICATION**  
CONTRACTOR IS RESPONSIBLE FOR ALL QUANTITIES PER DRAWINGS AND SPECIFICATIONS BY THE LANDSCAPE ARCHITECT. PLANT QUANTITIES HAVE BEEN PROVIDED AS A CONVENIENCE ONLY AND SHALL NOT BE CONSIDERED ABSOLUTE. LANDSCAPE ARCHITECT TO BE NOTIFIED IF DISCREPANCIES OCCUR. OTHERWISE, THE CONTRACTOR IS TO BID THEIR OWN VERIFIED QUANTITIES.

**PLANTING BEDS**  
ALL BED AREAS ARE TO BE LEFT 3" ABOVE FINISHED GRADE OF ADJACENT PAVEMENT TO INCLUDE 3" OF MULCH AFTER COMPACTION AND SETTLEMENT. ALL BED AREAS SHALL BE ROTOTILLED TO A DEPTH OF 6", ADDING PREPARED SOIL MIXTURE AS REQUIRED.

**MULCH**  
AFTER SETTLEMENT AND COMPACTION ALL PLANTING BEDS SHALL RECEIVE A MINIMUM 3" LAYER OF HARDWOOD MULCH. ALL AREAS DISTURBED BY PLANTING OPERATIONS SHALL BE FINE GRADED AND SEEDED.

**STANDARDS**  
ALL PLANT MATERIAL SHALL CONFORM TO THE SIZES GIVEN IN THE PLANT LIST AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE 'USA STANDARD FOR NURSERY STOCK', LATEST EDITION. ALL PLANTING SHALL BE IN ACCORDANCE WITH STANDARD AMERICAN ASSOCIATION OF NURSERYMEN PROCEDURES AND SPECIFICATIONS. ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDSCAPE ARCHITECT.

**PRUNING**  
ALL TREES TO BE PRUNED AT INSTALLATION TO REMOVE DEAD AND UNSIGHTLY LIMBS. ALL TREES ARE TO MATCH IN HEIGHT, SPREAD, AND CLEAR TRUNK AND SHALL HAVE STRAIGHT TRUNKS.

**PLANTING SOIL MIXTURE**  
PLANTING SOIL MIXTURE TO BE AS FOLLOWS: (AVAILABLE LIVING EARTH TECHNOLOGY) TREES, SHRUBS, AND GROUND COVER:  
45% COMPOST 2 lbs. ORGANIC FERTILIZER/C.Y.  
45% COMPOSTED PINE BARK (GARDENVILLE 122 MIX, AVAILABLE (282)664-0220)  
10% SANDY LOAM

**FERTILIZER**  
ADD FERTILIZER TABLETS TO ALL TREES AND SHRUBS, ONE TABLET PER 1/2" CALIPER FOR TREES AND ONE TABLET PER 1/2" OF HEIGHT OR SPREAD FOR EACH SHRUB AT INSTALLATION.

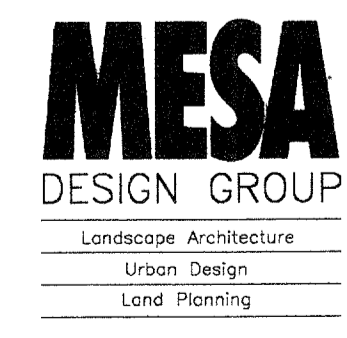
**WARRANTY**  
ALL PLANT MATERIAL TO BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER.

**IRRIGATION**  
CONTRACTOR TO INSTALL NEW IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE FOR AFFECTED TURF AND BED AREAS. INSTALL NEW CONTROLLER AS REQUIRED, SIZED TO ALLOW FOR FUTURE DEVELOPMENT. THE CONTRACTOR SHALL VISIT SITE TO DETERMINE REQUIREMENTS PRIOR TO BID.

**SANDY LOAM**  
SANDY LOAM SHALL BE NATURAL, FERTILE, FRIABLE SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE PRODUCTIVE SOILS IN THE VICINITY. IT SHALL NOT BE EXCESSIVELY ACID OR ALKALINE OR CONTAIN TOXIC SUBSTANCES WHICH MAY BE HARMFUL TO PLANT GROWTH. TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND SHALL CONTAIN A MINIMUM OF LUMPS, STUMPS, ROOTS OF SIMILAR SUBSTANCES ONE INCH OR MORE IN DIAMETER. LOAM SHALL BE FREE FROM KEEPS AND OTHER NOXIOUS MATERIALS. LOAM SHALL NOT BE STRIPPED, COLLECTED OR DEPOSITED WHILE WET.

**STAKING, GUYING**  
ALL TREES ARE TO BE STAKED AND GUYED THROUGH THE ONE YEAR WARRANTY AT WHICH TIME THE OWNER SHALL DETERMINE IF REMOVAL IS NECESSARY (REFER TO PLANTING DETAILS).

**POCKET PLANTING**  
POCKET PLANT SHRUBS AS INDICATED ON DRAWING BY EXCAVATING PLANTING PIT TWO TIMES GREATER THAN CONTAINER. BACKFILL WITH PLANTING MIX AS SPECIFIED ABOVE.



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Dallas, Texas 75201  
(214) 871-0568 Fax: 871-1507

REV.	DATE	DESCRIPTION	DFTG.	CHECKED

STATE OF TEXAS  
JEFFERY D. TURNER  
558  
LANDSCAPE ARCHITECT

PARSONS  
DALLAS, TX

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
SOUTH-WEST REGION FORT WORTH, TEXAS

LOW ACTIVITY LEVEL  
AIRPORT TRAFFIC CONTROL TOWER

LANDSCAPE PLANTING DETAILS

ADDISON (ADDISON AIRPORT) TEXAS

SUBMITTED: *Kanye Ray* PROGRAM IMPLEMENTATION ENGINEER  
APPROVED: *Christy Collier* SUPERVISOR OF SECTION, ASW-451

DESIGNED: DATE: 09.22.97  
REVIEWED: ISSUED BY: AIRWAY FACILITIES DIVISION  
ORIG. DFT.: DRAWING NUMBER: ADS-ATCT-L02  
FACILITY: