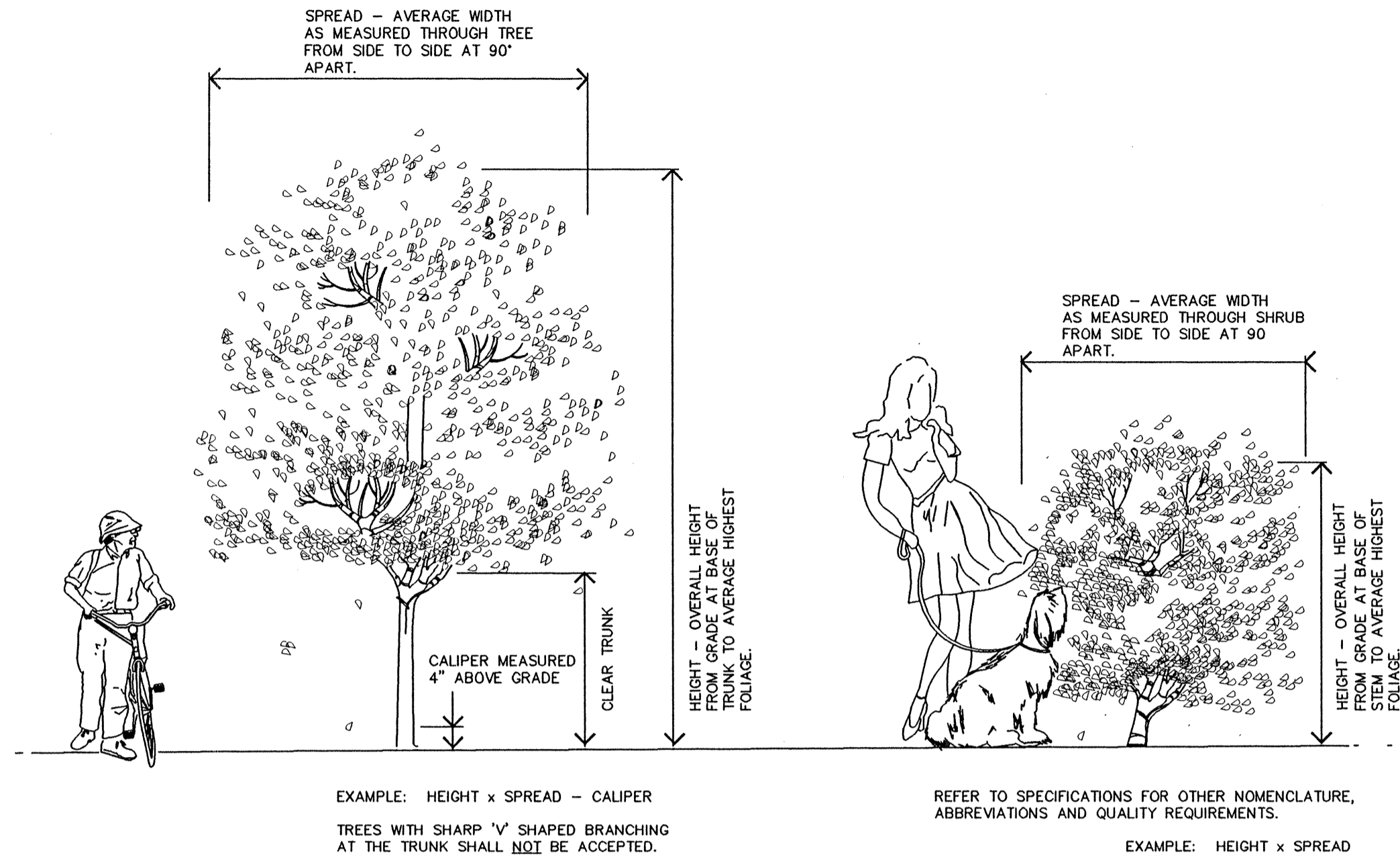
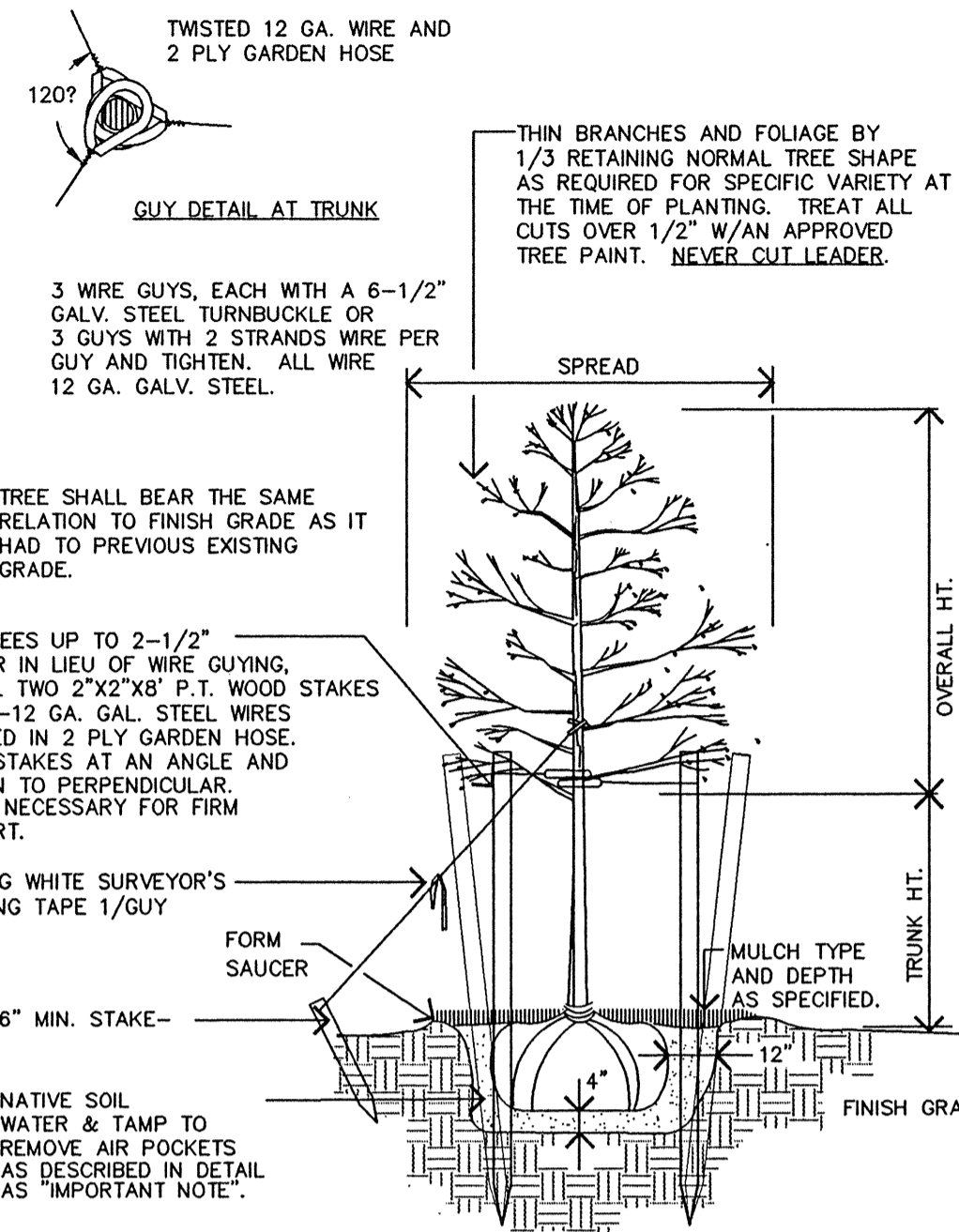


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**TREE AND SHRUB SIZING SPECIFICATION**  
NOT TO SCALE



**TREE PLANTING, STAKING AND PRUNING**  
NOT TO SCALE

**IMPORTANT NOTE:**

- ALL TREES, PALMS AND B&B MATERIAL SHALL BE PLANTED AS FOLLOWS:
1. DIG HOLE.
  2. SPRINKLE TERRASORB EVENLY OVER BACKFILL SOIL NEXT TO HOLE SO THAT TERRASORB WILL THOROUGHLY MIX WITH SOIL DURING BACKFILLING OPERATIONS.
  3. BACKFILL WITH 4" OF SOIL AND PREPARE SHELF FOR ROOTBALL TO SET ONTO.
  4. PLACE ROOTBALL IN HOLE AND STRAIGHTEN TREE.
  5. BACKFILL 25% OF DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE STRAIGHTENED TREE.
  6. BACKFILL TO 50% DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE STRAIGHTENED TREE.
  7. BACKFILL TO 75% DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE STRAIGHTENED TREE.
  8. BACKFILL THE REST AND TREE MAKING SURE THE TRUNK IS DISPERSED PERPENDICULAR TO THE FINISHED GRADE.
- NOTE:  
ANY DEVIATION FROM THE ABOVE PROCESS WILL NOT BE CONSIDERED AS PER INDUSTRY STANDARDS AND WILL BE CAUSE FOR REJECTION OF THE WORK.

**LANDSCAPE NOTES:**

INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.

CONTRACTORS ARE ADVISED TO REFER TO THE SPECIFICATIONS, CONTRACT DOCUMENTS, AND PLAN SHEETS FOR A MORE DETAILED DISCLOSURE OF PERFORMANCE STANDARDS AND REQUIREMENTS.

THE CONTRACTOR IS CAUTIONED TO BE AWARE OF UNDERGROUND UTILITIES. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CHECK WITH THE JOB SITE SUPERINTENDENT, SUNSHINE ONE CALL FOR LOCATION OF ALL UTILITIES A MINIMUM OF 48 HOURS BEFORE BEGINNING WORK.

ALL SOD SHALL BE SAND GROWN ST. AUGUSTINE "FLORATAM". THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING IN SOD AREAS. HAND RAKE PRIOR TO INSTALLING SOD. CONTRACTOR TO CUT AND MATCH IN ALL NEW SOD TO EXISTING SOD. STAGGER AND KICK ALL JOINTS TIGHT. ALL SOD TO BE ROLLED IMMEDIATELY AFTER INSTALLATION.

CONTRACTOR SHALL APPLY MINIMUM 2 APPLICATIONS OF ROUNDUP HERBICIDE (OR APPROVED EQUAL) ON EXISTING TURF WHERE IT IS REQUIRED TO BE REMOVED FOR PLANTING. ROUNDUP MUST BE SPRAYED PRIOR TO COMMENCING ANY GRADING OPERATIONS. CONTRACTOR SHALL REVIEW TURF KILL WITH LANDSCAPE ARCHITECT OR OWNER REPRESENTATIVE FOR APPROVAL. ALL HERBICIDES MUST BE APPLIED BY LICENSED APPLICATORS PER MANUFACTURERS RECOMMENDED RATES AND INSTRUCTIONS. POST ALL APPLICATIONS.

CONTRACTOR SHALL INSTALL ALL FILL TO CONSTRUCT BERMING TO BLEND IN WITH EXISTING GRADE. FILL MATERIAL SHALL BE SECOND CUT CLEAN FILL SUITABLE FOR PLANT GROWTH. SUBMIT SAMPLE OF SECOND CUT CLEAN FILL TO LANDSCAPE ARCHITECT FOR REVIEW. ALL EXISTING TURF AREAS TO BE TRACTOR GRADED TO A SMOOTH UNIFORM GRADE. NO FILL IS TO BE PLACED AROUND EXISTING TREES.

ANY EXCESS SOIL OR DEBRIS FROM CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND TAKEN TO THE COUNTY LAND FILL OR OTHER LAWFUL DISPOSAL SITE.

MULCH ALL NEW PLANTING WITH 2" (OR AS NOTED OTHERWISE ON PLAN) OF SHREDDED, GRADE 'B' CYPRESS MULCH.

THE LANDSCAPE CONTRACTOR SHALL HAND WATER ALL PALMS AND FIELD GROWN TREES AND SHRUBS A MINIMUM OF FIVE (5) TIMES A WEEK. THE LANDSCAPE CONTRACTOR SHALL BE LIABLE FOR REPLACING TREES AND SHRUBS EXPERIENCING TRANSPLANT SHOCK DUE TO LACK OF WATER AT ANY TIME DURING THE COURSE OF LANDSCAPE INSTALLATION.

ALL TREES AND PALMS WITHIN SOD AREAS SHALL BE MULCHED WITH 3" MIN. DIAMETER RING 2" DEEP STAKES WHENEVER POSSIBLE SHALL BE WITHIN MULCH RINGS.

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL EXISTING SOD, DEBRIS, WEEDS, AND HANDWORK IN PREPARATION FOR ANY PLANTING.

CONTRACTOR SHALL REPAIR ANY AREAS DISTURBED DURING THE COMPLETION OF WORK INCLUDING RESODDING OF IRRIGATION TRENCHES AND PLANTING PITS RESULTING FROM MATERIAL RELOCATIONS.

AN AUTOMATIC IRRIGATION SYSTEM WILL BE INSTALLED TO PROVIDE 100% COVERAGE ON ALL NEW PLANT MATERIAL.

ALL NEW PLANT MATERIALS USED SHALL CONFORM TO THE STANDARDS FOR FLORIDA NO. 1 OR BETTER AS ESTABLISHED IN "GRADES AND STANDARDS FOR NURSERY PLANTS" PART I AND PART II STATE OF FLORIDA DEPARTMENT OF AGRICULTURE.

THE LANDSCAPE CONTRACTOR SHALL INCORPORATE MYCOR-TREE/TERRA-SORB INTO ALL PLANTING PITS AS PER MANUFACTURERS RECOMMENDATIONS. MYCOR-TREE/TERRA-SORB MANUFACTURED BY PLANT HEALTH CARE INC., 440 WILLIAM PITT WAY PITTSBURG, PA. 15328

CONTRACTOR SHALL STAKE ALL TREES AS PER DETAILS.

ALL PLANT MATERIAL SHALL BE FERTILIZED ACCORDING TO THE CHART AS SHOWN ON THIS SHEET.

ALL TREE RINGS EVIDENCING WEED GROWTH SHALL BE SPRAYED WITH ROUND-UP AT THE MFG RECOMMENDED APPLICATION RATE. TREE RINGS AND ALL BEDS ARE TO BE WEED FREE AT FINAL INSPECTION FOR ACCEPTANCE.

CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS CREATED BY THE CONSTRUCTION. THIS SHALL INCLUDE ALL SOD AND HAND RAKING TO RESTORE A SMOOTH UNIFORM SURFACE. ALSO REMOVAL OF ANY DEBRIS ENCOUNTERED OR CREATED FROM CONSTRUCTION OPERATIONS. ANY MATERIAL REMOVED FROM THE SITE SHALL BE TAKEN TO A SANITARY LANDFILL OR OTHER APPROVED LOCATION.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCING ANY WORK.

**MAINTENANCE PROGRAM  
BID ALTERNATIVE NO.1**

UPON FINAL ACCEPTANCE BY THE OWNER, A MAINTENANCE PROGRAM FOR ALL PLANT MATERIAL AND IRRIGATION SHALL COMMENCE AND CONTINUE FOR NINETY (90) DAYS.

**PLANTING:**

- THE CONTRACTOR SHALL MAINTAIN ALL NEWLY PLANTED MATERIALS BY WATERING, PRUNING, CULTIVATING, FERTILIZING, AND WEEDING AS REQUIRED FOR HEALTHY GROWTH AND WEED FREE PLANTING BEDS OR SAUCERS.
- RESTORE PLANTING SAUCERS, TIGHTEN AND REPAIR STAKES, RESET TREES OR PALMS TO PROPER GRADE OR VERTICAL POSITION AS REQUIRED.
- SPRAY MATERIAL AS REQUIRED TO KEEP FREE FROM INSECTS AND DISEASE.

**IRRIGATION:**

- MAINTAIN THE INSTALLED IRRIGATION SYSTEM IN AN OPERABLE CONDITION AT ALL TIMES.
- CHECK FOR LINE BREAKS AND CLEAN BUBBLERS OF DEBRIS SO THAT THEY PROVIDE UNIFORM WATER DISTRIBUTION AT ALL TIMES.

**REPORTS:**

- PROVIDE BIWEEKLY REPORTS DETAILING MAINTENANCE WORK COMPLETED AND OTHER PERTINENT INFORMATION. REPORT SHALL BE SUBMITTED TO THE OWNER WITH COPIES TO THE LANDSCAPE ARCHITECT.

**NOTE**

THIS CONTRACT IS SUBJECT TO THE RULES AND REGULATIONS OF GRADES AND STANDARDS FOR NURSERY PLANTS AS PUBLISHED BY THE DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

ALL PLANTS NOT LISTED IN GRADES AND STANDARDS FOR NURSERY PLANTS, PUBLISHED BY THE DIVISION OF PLANT INDUSTRY, SHALL CONFORM TO A FLORIDA NO. 1 AS TO: 1. HEALTH AND VITALITY, 2. CONDITION OF FOLIAGE, 3. ROOT SYSTEM, 4. FREEDOM FROM PEST OR MECHANICAL DAMAGE, 5. HEAVILY BRANCHED AND DENSELY FOLIATED ACCORDING TO THE ACCEPTED NORMAL SHAPE OF THE SPECIES OR SPORT.

AT THE CONCLUSION OF THIS PLANTING, IF THE LANDSCAPE ARCHITECT OR OWNER HAS REASON TO BELIEVE THAT THE PLANTS ARE NOT OF THE SPECIFIED GRADE, HE WILL REQUEST A REGRADING INSPECTION BY THE DIVISION OF PLANT INDUSTRY, AND SUCH EVIDENCE WILL BE THE BASIS FOR REQUESTING REPLACEMENT OF PLANTS AND FOR LEGAL OR OTHER ACTION TAKEN BY THE DIVISION OF PLANT INDUSTRY ACCORDING TO LAW, SHOULD THIS BECOME NECESSARY.

ALL PLANTINGS SHALL BE FERTILIZED WITH AGRIFORM 20-10-15 PLANTING TABLETS AT THE TIME OF INSTALLATION AND PRIOR TO COMPLETION OF BACKFILLING. AGRIFORM PLANTING TABLETS SHALL BE PLACED UNFORMALLY AROUND THE ROOT MASS AT THE DEPTH THAT IS BETWEEN THE MIDDLE AND THE BOTTOM OF THE ROOT MASS.

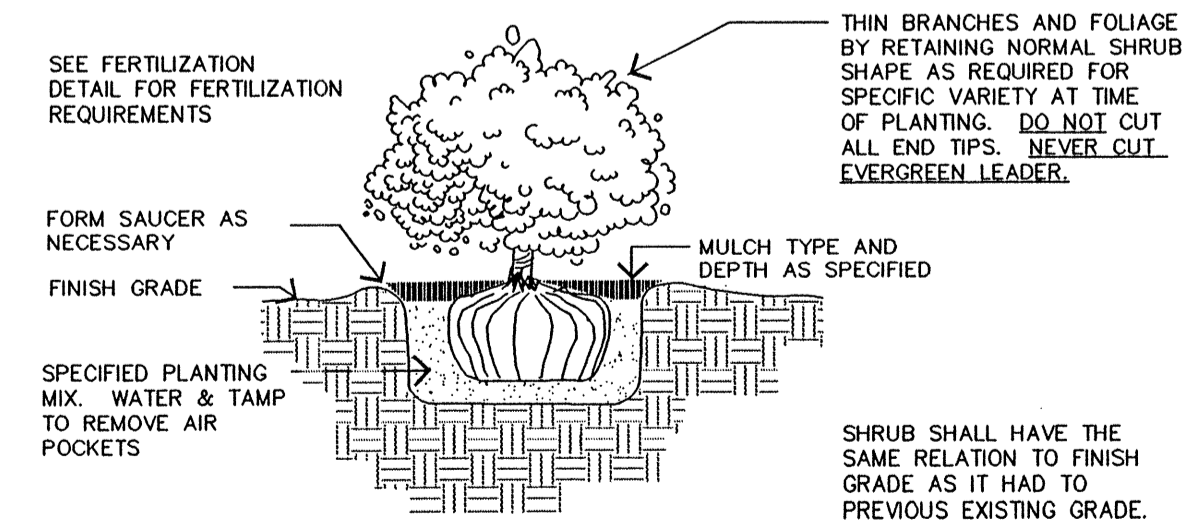
21 GRAM TABLET	3 GALLON CAN PLANTS	5 GALLON CAN PLANTS	7 GALLON CAN PLANTS	LARGE TREES OR B & B TREES	MATURE PALMS	10 GRAM TABLET	5 GRAM TABLET
1 TABLET	2 TABLETS	3 TABLETS	4 TABLETS	TREES: 5 TABLETS/EA. 1/2" OF CALIPER SHRUBS: 1 TABLET FOR EA. 1' OF HEIGHT	10 TABLETS PER PALM	1 TO 2 TABLETS EACH	1 TABLET EACH

AGRIFORM 20-10-15 PLANTING TABLETS AS MANUFACTURED BY: SIERRA CHEMICAL COMPANY 1001 YOSEMITE DRIVE MILPITAS, CA 95035

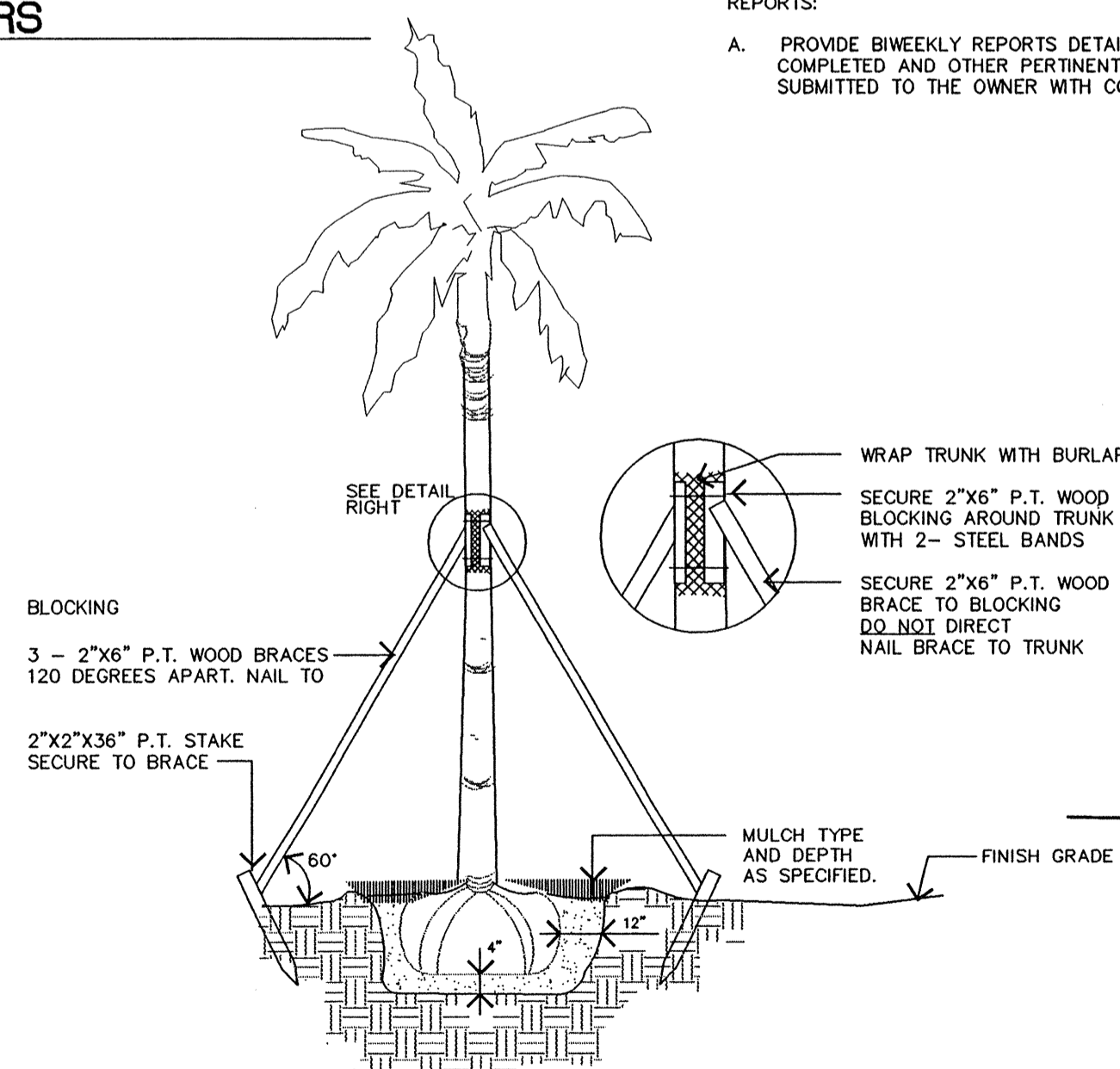
NOTE: LANDSCAPE ARCHITECT MAY MAKE A RANDOM SAMPLING OF PLANT PITS TO DETERMINE THE UNIFORMITY OF APPLICATION.

**FERTILIZATION - TREES, SHRUBS AND GROUNDCOVERS**  
NOT TO SCALE

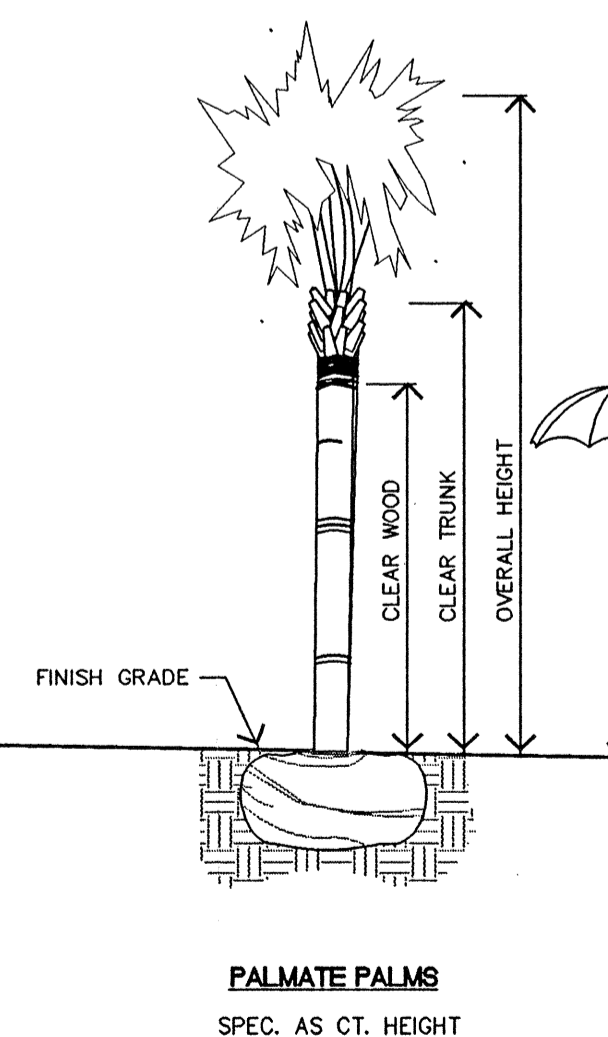
NOTE: ALL PLANT MATERIAL SHALL BE SET AT PROPER GRADE LEVEL (TOP OF ROOTBALL MUST BE AT SAME ELEVATION AS SURROUNDING GRADE). PLANTS WHICH ARE BURIED TO HIGH WILL BE REQUIRED TO BE ADJUSTED PRIOR TO ACCEPTANCE FOR MAINTENANCE.



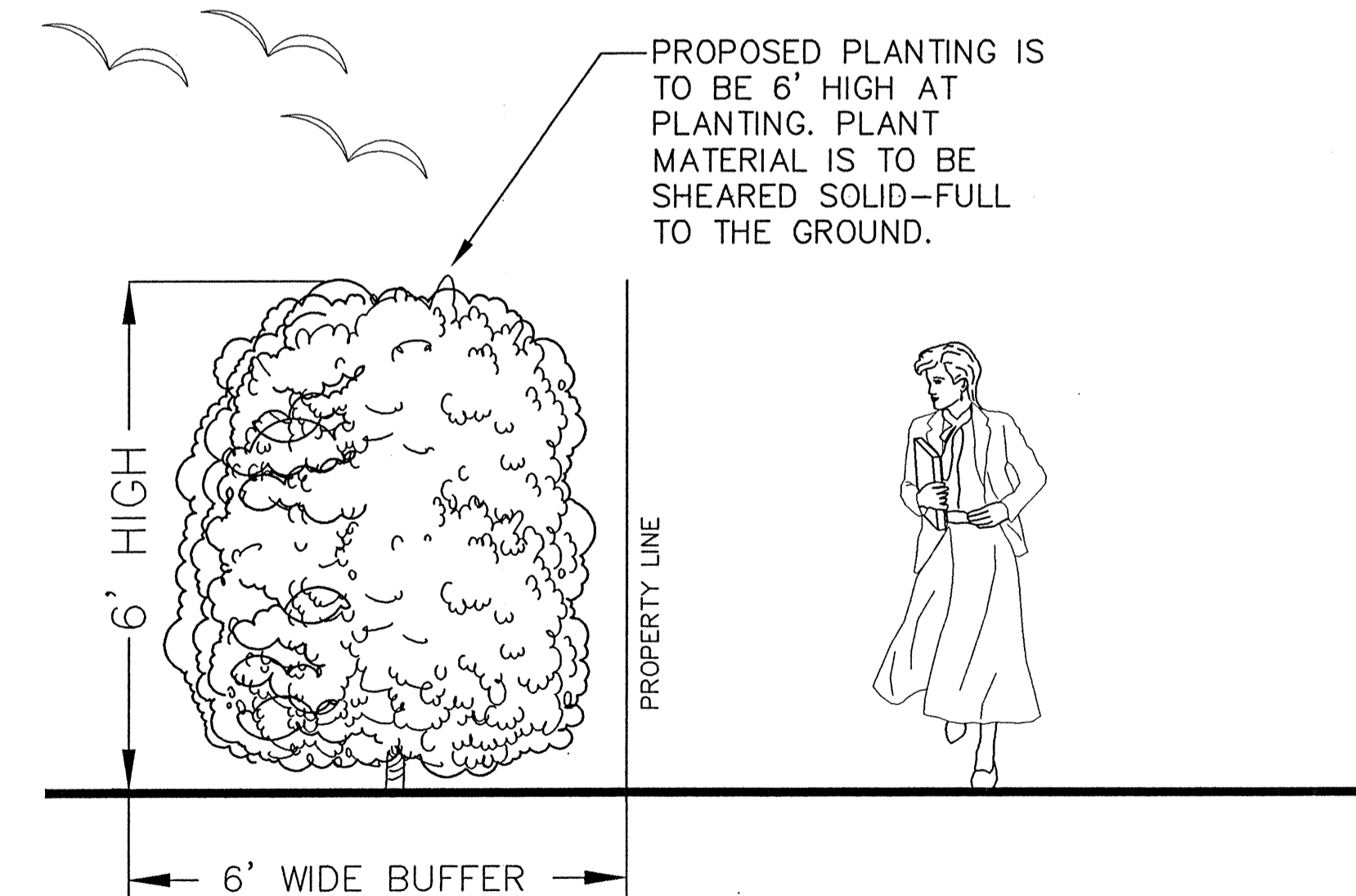
**SHRUB PLANTING**  
NOT TO SCALE



**PALM STAKING DETAIL**  
NOT TO SCALE



**PALM SIZING SPECIFICATIONS**  
NOT TO SCALE



**RESIDENTIAL BUFFER DETAIL**  
N.T.S.

PHILLIP J. SMITH, RLA #1096

REVISED 3/23/99 PER L.B.K.  
**LANDSCAPE DETAILS**

**LANDSCAPE ARCHITECTS**  
**DAVID W. JOHNSTON ASSOCIATES**  
 1491 SECOND STREET SUITE B • SARASOTA, FL 34236 • (941) 366-3159

PROJECT NO.	99-10
SCALE	1"=30'-0"
DATE	3/6/99
DRAWN BY	MES
ISSUED	3/12/99

**CENTER FOR THE ARTS**  
 LONGBOAT KEY, FLORIDA  
 THOMPSON AND ROSE ARCHITECTS, INC.

SHEET NO.

L-4