GENERAL LANDSCAPE NOTES

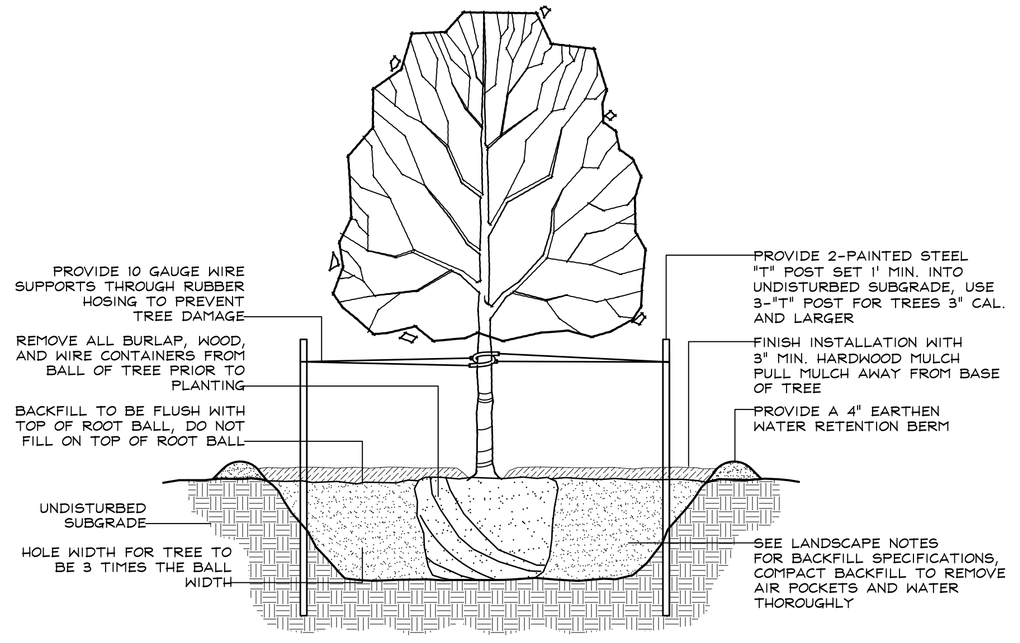
1. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR NEEDED FOR INSTALLATION OF PROPOSED LANDSCAPE MATERIAL.
2. ANY CONFLICTS OF TREE LOCATION AND UTILITY LINES, UNDERGROUND OR OVERHEAD WILL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
3. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY AND ALL EXISTING EASEMENTS LOCATED WITHIN THE PROPOSED WORK AREA. ANY DISCREPANCIES FOUND ARE TO BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
4. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS AS PUBLISHED BY THE CURRENT AMERICAN ASSOCIATION OF NURSERYMEN.
5. THE OWNER RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DUE TO UNSATISFACTORY CONDITIONS OF THE PLANT MATERIAL. ALL PLANTS SHALL BE CONTAINER GROWN OR B & B. ALL CONTAINERS, PLASTIC AND BURLAP SHALL BE REMOVED PRIOR TO PLANTING.
6. ALL PLANT MATERIAL SHALL BE WATERED THOROUGHLY TWICE WITHIN THE FIRST 24 HOURS OF PLANTING, THEN ONCE PER WEEK FOR THE FIRST GROWING SEASON.
7. TREE PLANTING SHALL HAVE A BACKFILL MIX OF 2/3 LOAM, 1/3 EXISTING SOIL AND BE PACKED TO REMOVE AIR POCKETS.
8. PLANTING OF B4B TREES IS ALLOWED ONLY FROM OCTOBER 1 UNTIL MARCH 31 FROM APRIL 1 TILL SEPTEMBER 31, CONTAINER GROWN TREES MUST BE PLANTED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING BERMUDAGRASS SOLID SOD ON ALL TURF AREAS INDICATED ON THE PLANS AFTER AN UNDERGROUND IRRIGATION SYSTEM HAS BEEN INSTALLED AND TESTED.
10. PRIOR TO SOD INSTALLATION, ALL AREAS SHALL BE DRESS WITH A MINIMUM OF 2" OF TOP SOIL.
11. THE CONTRACTOR SHALL FINISH GRADE TOP SOIL TO A SMOOTH AND POSITIVE DRAINING SURFACE AND REMOVE ALL CLODS PRIOR TO LAYING SOD.
12. ALL TURF AREAS SHALL BE FERTILIZED WITH MIXTURE OF 15-15-15 AND SHALL BE APPLIED AT A RATE OF 65 LBS. PER ACRE.
13. HYDROMULCH ALTERNATIVE TO SOD. TO THE TURF AREAS INDICATED ON THIS PLAN. IF HYDROMULCHING TAKES PLACE BETWEEN MARCH 2 AND SEPTEMBER 15 IT SHALL BE SEEDED WITH HULLED BERMUDAGRASS AT A RATE OF 2 LBS. PER 1000 SF. IF HYDROMULCHING TAKES PLACE BETWEEN SEPTEMBER 16 AND MARCH 1 IT SHALL BE SEEDED WITH WINTER RYE AT A RATE OF 3 LBS. PER 1000 SF. AND UNHULLED BERMUDAGRASS AT A RATE OF 2 LBS. PER 1000 SF.
14. THE PLANTED AREA SHALL BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF 6 INCHES. THE IRRIGATION SHALL OCCUR AT TEN DAY INTERVALS DURING THE FIRST TWO MONTHS. RAINFALL OCCURRENCES OF 1/2 INCH OR GREATER SHALL POSTPONE THE WATERING SCHEDULE ONE WEEK.
15. ALL PLANTINGS SHALL HAVE A MINIMUM OF 3" HARDWOOD MULCH COVERING.
16. TREES ARE TO BE PLANTED 5'0" MIN. FROM WALLS, STREETS AND PARKING EXCEPT TREES PLANTED IN PARKING LOT ISLANDS.
17. THE CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE SCHEDULE TO INCLUDE FERTILIZATION, PRUNING, MOWING, MULCHING ETC. UPON COMPLETION OF WORK.
18. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS CREATED DURING CONSTRUCTION IE. BURLAP, CONTAINERS, ETC.
19. ALL OUTDOOR MECANICAL EQUIPMENT SUCH AS COMMPRESSORS, UTILITY HUTS, OR OTHER BUILDING SERVICE EQUIPMENT IS REQUIRED TO BE COMPLETLY SCREENED SCREENED FROM VIEW ON ALL SIDES USING A WOOD PRIVACY FENCE OR VEGETATIVE SCREEN IF THE MECHANICAL EQUIPMENT IS TO BE LOCATED ON THE ROOF OF THE BUILDING, IT IS REQUIRED TO BE SCREENED FROM VIEW BY A PARAPET WALL. SEE ARCHITECTURAL AND MEP PLANS FOR LOCATIONS OF ROOFTOP MECHANICAL EQUIPMENT.
20. THE OWNER WILL CONTINUOUSLY MAINTAIN THE REQUIRED LANDSCAPING IN ACCORDANCE WITH CHAPTER 33 OF THE CITY OF HOUSTON ORDINANCE.
21. THE CONTRACTOR SHALL PROVIDE A ONE YEAR GUARANTEE ON ALL LANDSCAPE MATERIAL FROM THE DATE OF COMPLETION.

GENERAL IRRIGATION NOTES

1. ADJUSTABLE FLOW CONTROLS SHALL BE REQUIRED ON CIRCUIT REMOTE CONTROL VALVES AND PRESSURE REGULATION COMPONENT(S) SHALL BE REQUIRED WHERE STATIC PRESSURE EXCEEDS MANUFACTURE'S RECOMMENDED OPERATING RANGE.
2. VALVE AND CIRCUITS SHALL BE SEPARATED BASED ON WATER USE, SO THAT TURF AREAS ARE WATERED SEPARATELY FROM SHRUB AND GROUND COVER AREAS. IRRIGATION HEADS IN THE TURF AREAS WILL BE VALVED SEPARATELY FROM SHRUB AND/OR GROUND COVER AREAS.
3. SPRINKLER HEADS SHALL HAVE MATCHED PRECIPITATION RATES WITHIN EACH CONTROL VALVE CIRCUIT.
4. SERVICEABLE CHECK VALVES SHALL BE REQUIRED ADJACENT TO PAVED AREAS WHERE ELEVATION DIFFERENCES MAY CAUSE LOW HEAD DRAINAGE.
5. SPRINKLER HEAD SPACING SHALL BE DESIGNED FOR HEAD-TO-HEAD COVERAGE OR HEADS SHALL BE SPACED AS PER MANUFACTURER'S RECOMMENDATIONS AND ADJUSTED FOR PREVAILING WINDS. THE SYSTEM SHALL BE DESIGNED SO THAT IRRIGATION IS NOT APPLIED TO VEHICULAR TRAFFIC LANES, OTHER PAVEMENT OR STRUCTURES.
6. ALL AUTOMATIC IRRIGATION SYSTEMS SHALL BE EQUIPPED WITH A CONTROLLER CAPABLE OF DUAL OR MULTIPLE PROGRAMMING. CONTROLLERS SHALL HAVE MULTIPLE CYCLE START CAPACITY AND A FLEXIBLE CALENDAR PROGRAM, INCLUDING THE CAPABILITY OF BEING SET TO WATER EVERY FIVE DAYS. ALL AUTOMATIC IRRIGATION SYSTEMS SHALL BE EQUIPPED WITH A RAIN SENSOR SHUT-OFF DEVICE.
7. IRRIGATION CONSTRUCTION PLANS SHALL INCLUDE A WATER BUDGET. A LAMINATED COPY OF THE WATER BUDGET SHALL BE PERMANENTLY INSTALLED INSIDE THE IRRIGATION CONTROLLER DOOR. WATER BUDGET SHALL INCLUDE:
   A. CHART CONTAINING ZONE NUMBER, PRECIPITATION RATE AND GPM.
   B. LOCATION OF EMERGENCY IRRIGATION SYSTEM SHUT-OFF VALVE.
8. AN AUTOMATIC IRRIGATION SYSTEM WILL BE INSTALLED, TREE IRRIGATION SHALL NOT SHARE THE SAME ZONE, INCLUDING VALVES AND CIRCUITS, AS SHRUBS AND PLANTS DUE TO DIFFERENT WATERING REQUIREMENTS. A MINIMUM OF ONE (1) BUBBLER EACH SHALL BE PROVIDED FOR ALL NEWLY PLANTED TREES. TREES LARGER THAN 4 INCHES IN CALIPER SHALL HAVE TWO (2) BUBBLERS. BUBBLERS SHALL BE LOCATED 1-2 FEET FROM THE TRUNK.

PLANT LIST

QUANTITY	SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE & CONDITION
CANOPY TREES				
3		Live Oak	Quercus virginiana	2" caliper, container grown, spacing as shown
2		Magnolia	Magnolia grandiflora	2" caliper, container grown, spacing as shown
2		Shumard Red Oak	Quercus shumardii	2" caliper, container grown, spacing as shown
2		Monterey Oak	Quercus polymorpha	2" caliper, container grown, spacing as shown
ORNAMENTAL TREES				
3		Texas Red Bud	Cercis canadensis "Texensis"	15 gal., multi-trunk, container grown, 10' o.c.
8		Wax Myrtle	Myrica cerifera	15 gal., 5 trunk min., container grown, 8' o.c.
All Disturbed Areas		Bermudagrass	Cynadon dactylon	Hydromulch 2 lbs. per 1000 s.f.



TREE PLANTING DETAIL

N.T.S.

MELONÇON DESIGN GROUP, INC.
LAND PLANNING & LANDSCAPE ARCHITECTURE
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NO.	DATE	REVISIONS

REGISTERED LANDSCAPE ARCHITECT TODD MELONÇON 2045 STATE OF TEXAS 8/18/09

Bowie Street Campus
Houston Gateway Academy

landscape notes, details, and planting schedule

Drawn: JTM
Checked: JTM
Approved: JTM
Date: August 18, 2009
Project #: 86-001

SHEET NO. L-2

OF L-2