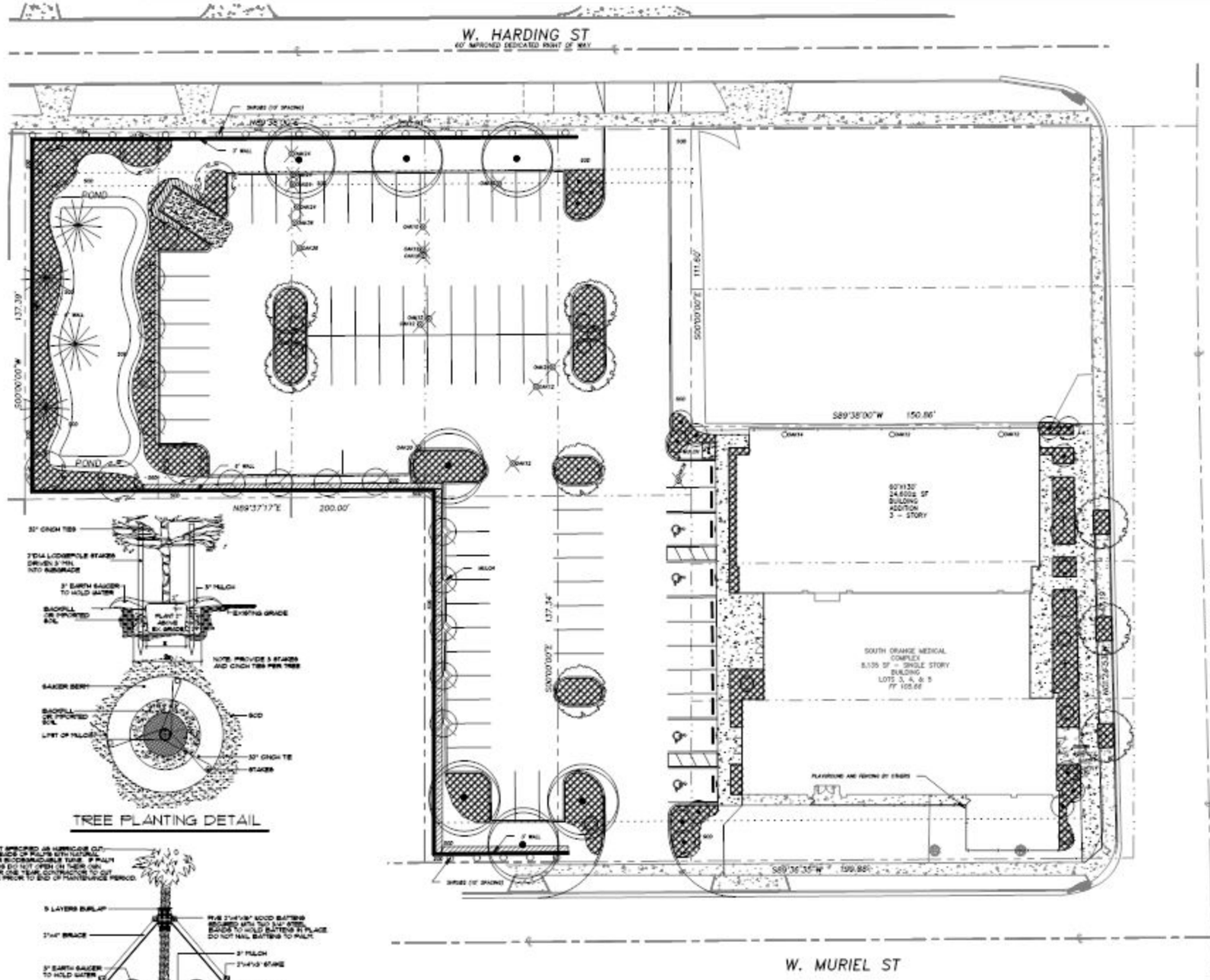
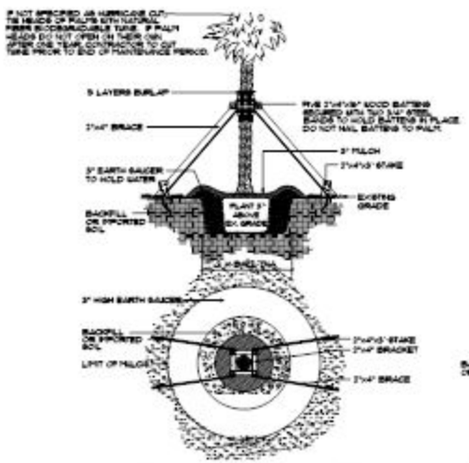


TREE PLANTING DETAIL



PALM PLANTING DETAIL

SHRUB AND GROUNDCOVER PLANTING DETAIL

CITY CODE REQUIREMENTS PER CHAP. 60 AND 61

TOTAL SITE AREA = 72,973 SF TOTAL IMPERVIOUS AREA = 37,508 SF
20,303 SF PERVIOUS AREA X 60% = 12,181 SF MAX. SOD AREA ALLOWED. 12,181 SF PROVIDED (SEE SOD LABELS)
20,303 SF PERVIOUS AREA X 40% = 8,121 SF MINIMUM MULCHED LANDSCAPE AREA REQUIRED. 8,121 SF PROVIDED

ORLANDO LDC REQUIREMENTS

FINAL PLANS SHALL MEET ALL REQUIREMENTS IN CHAPTERS 60 AND 61 OF THE CITY LDC, AND THE LANDSCAPE SCORE SPREADSHEET

J. SCOTT LIBERTY, LANDSCAPE ARCHITECT
FLORIDA REGISTRATION NO. LA0000476
5621 REVELWOOD LOOP, WINTER PARK, FL 32792
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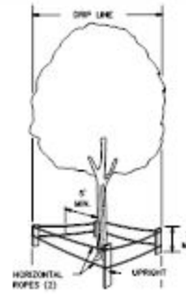
GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.



WHY A BARRIER?

1. TO PROTECT ALL ABOVE GROUND PORTIONS
2. TO PROTECT SOIL NEAR TREE FROM COMPACTION
3. PROVIDES PHYSICAL AND MENTAL AWARENESS OF TREES' PRESENCE TO EQUIPMENT OPERATORS

SPECIFICATIONS FOR WOOD BARRIER

1. MINIMUM RADIUS TO BE PROTECTED IS ENTIRE DRIPLINE
2. MINIMUM 3' IN HEIGHT
3. UPRIGHTS- THE EQUIVALENT OF 2"x4" LUMBER ON 8' MINIMUM CENTERS
4. HORIZONTAL- THE EQUIVALENT OF TWO COURSES OF 1/2" ROPING WITH YELLOW PLASTIC TAPE FLAGGING
5. BARRIERS TO BE ERECTED AROUND TREES TO REMAIN BEFORE CONSTRUCTION OR WHEN NEARBY TREES ARE REMOVED
6. BARRIERS TO REMAIN IN PLACE UNTIL ALL PAVING, CONSTRUCTION AND HEAVY EQUIPMENT IS OUT OF AREA

NOTE:
BARRIER MUST BE ERECTED PRIOR TO CONSTRUCTION

TREE PROTECTION MEASURES

PLANT LIST / SYMBOLS LEGEND

QTY SYM COMMON NAME (BOTANICAL NAME)
SPECIFICATIONS

TREES:

4 MG SOUTHERN MAGNOLIA (MAGNOLIA GRANDIFLORA)
45 GAL MIN, 12' HT. MIN, 3" CAL MIN, 3' CT, FULL

7 QV LIVE OAK (QUERCUS VIRGINIANA HIGH RISE)
45 GAL MIN, 12' HT. MIN, 3" CAL MIN, 6' CT, FULL

8 SP CABBAGE PALM (SABAL PALMETTO)
8 @ 10' CT HT., 8 @ 12' CT HT., 8 @ 14' CT HT., STRAIGHT TRUNK, NO SCARS STAGGER 3 VARYING TRUNK HTS. WITHIN EACH CLUSTER OF THREE PALMS

9 UP BOSQUE ELM (ULMUS PARVIFOLIA SEMPER)
45 GAL MIN, 12' HT. MIN, 3" CAL MIN, 6' CT, FULL

6 LI CRAPE MYRTLE (LAGERSTROEMIA INDICA 'TUSKEGEE')
30 GAL MIN, 8' HT. MIN, MULTI-TRUNK, 4' CT, FULL

4 TD BALD CYPRESS (TAXODIUM DISTICHUM)
45 GAL MIN, 12' HT. MIN, 3" CAL MIN, 3' CT, FULL

SCREEN SHRUBS:

VB SWEET VIBURNUM (VIBURNUM ODORATISSIMUM)
3 GAL MIN, 30" HT. MIN, 30" OC, FULL

ACCENT SHRUBS:

RS KNOCK-OUT ROSE (ROSA 'RADRAZZ')
5 GAL MIN, 8' HT. MIN, 3' CT STANDARD, FULL PLANT

CA CRINUM LILY (CRINUM ASIATICUM)
5 GAL MIN, 4' HT. MIN, FULL PLANT

ORNAMENTAL SHRUBS AND GROUNDCOVER:

TV VARIEGATED ARAN JUNIPER (TRACHELOSPERMUM ASIATICUM VARIEGATA)
1 GAL., 5" SPREAD MIN, 18" OC, FULL PLANT

SA VARIEGATED DWARF SHEFFLERA (SCHEFFLERA ARBORICOLA)
1 GAL MIN, 24" HT. MIN, 30" OC, FULL PLANT

DT VARIEGATED FLAX LILY (DIANELLA TASMANICA VARIEGATA)
1 GAL., 5" HT. MIN, 24" OC, FULL PLANT

JP PURPLE JUNIPER (JUNIPERUS CHINENSIS 'PURPLE')
3 GAL MIN, 5" HT. MIN, 18" SPREAD MIN, 30" OC, FULL PLANT

RA DWARF INDIAN HAWTHORN (RAPHIOLEPIS INDICA 'ALBA')
3 GAL MIN, 5" HT. MIN, 18" SPREAD MIN, 30" OC, FULL PLANT

SF SOD ST. AUGUSTINE (STENOTAPHRUM SECUNDATUM FLORATAM)
SOLID SOD
SOD TO BE LAID WITH SOIL THAT FLUSH WITH TOP OF CURB AND PAVEMENT

PLANT NOTES

1. ALL LANDSCAPED AND SODDED AREAS DELINEATED ON THESE PLANS SHALL BE IRRIGATED BY AN AUTOMATIC SYSTEM. THE IRRIGATION SYSTEM SHALL PROVIDE 100% HEAD-TO-HEAD COVERAGE FOR ALL GREEN AREAS. RAIN SENSOR REQUIRED.
2. ALL LANDSCAPED BEDS SHALL BE TOP DRESSED WITH 3" OF FINE BARK NUGGET MULCH.
3. ALL TREE SAUCERS SHALL BE TOP DRESSED WITH 3" OF FINE BARK NUGGET MULCH.
4. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO BECOME FULLY FAMILIAR WITH ALL EXISTING SITE CONDITIONS AND TO VERIFY ALL SUBSURFACE UTILITY PLANS AND ARCHITECTURAL PLANS SO AS TO PREVENT DAMAGE DURING THE INSTALLATION OF THE LANDSCAPE MATERIAL.
5. STAKING OF TREES IS AT THE OPTION OF THE LANDSCAPE CONTRACTOR. HOWEVER, IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO MAINTAIN ALL TREES, PALMS AND SHRUBS IN AN UPRIGHT PLUMB POSITION.
6. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ARCHITECTURAL OR PAVED SURFACES.
7. ALL PLANT MATERIAL SHALL BE GRADED FLORIDA NO. 1 ACCORDING TO THE GRADES AND STANDARDS OF THE FLORIDA NURSERYMEN'S ASSOCIATION.
8. ALL TREE CALIPER DIMENSIONS SHALL BE MEASURED 12" ABOVE THE TOP OF THE ROOT BALL.
9. THE LANDSCAPE CONTRACTOR SHALL WARRANTY ALL SHRUBS FOR A PERIOD NO SHORTER THAN 90 DAYS FROM THE DATE OF THE "FINAL ACCEPTANCE" BY THE CLIENT AND LANDSCAPE ARCHITECT. ALL TREES SHALL CARRY A MINIMUM ONE YEAR WARRANTY. ALL WARRANTY RESTRICTIONS SHALL BE SPECIFICALLY DESCRIBED IN WRITING AND SHALL BE PART OF THE BIDDING DOCUMENTS PROVIDED TO THE CLIENT BY THE LANDSCAPE CONTRACTOR.
10. CONTRACTOR IS RESPONSIBLE FOR PLANT AND SOD QUANTITY TAKE-OFF. QUANTITIES PROVIDED FOR CONVENIENCE ONLY. PLAN QUANTITIES RULE OVER LIST QUANTITIES.