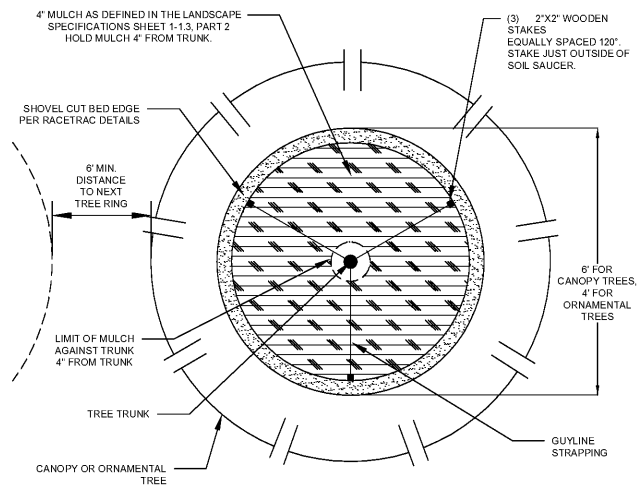
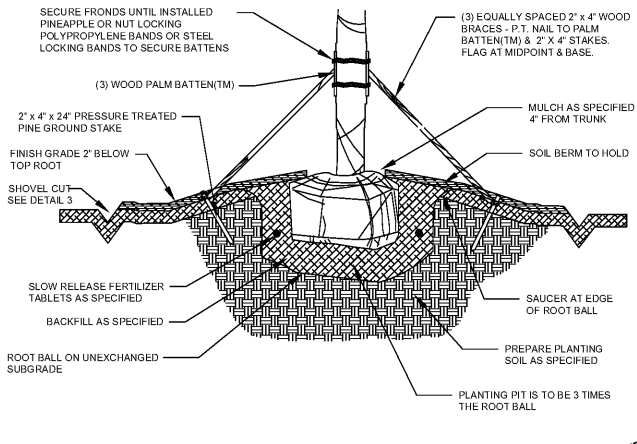


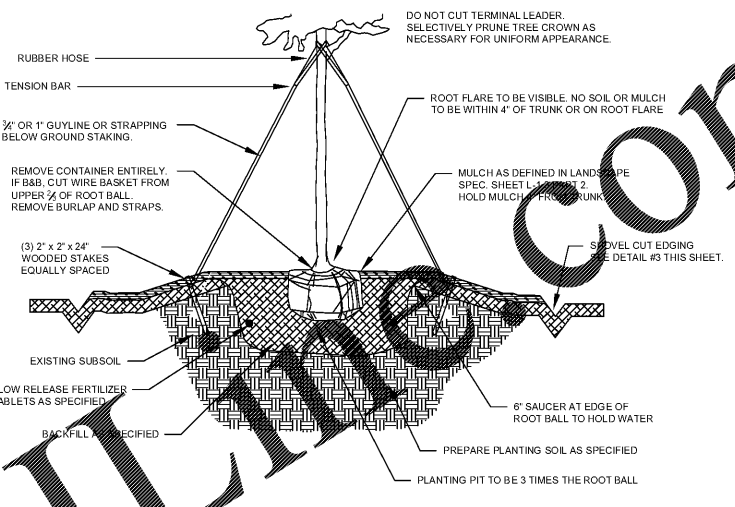
**1** SHOVEL CUT BED EDGE  
L1.2 NTS



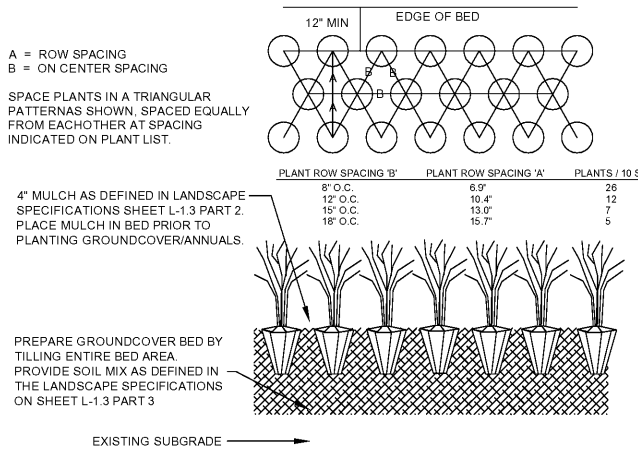
**2** MULCHING RING AT TREES  
L1.2 NTS



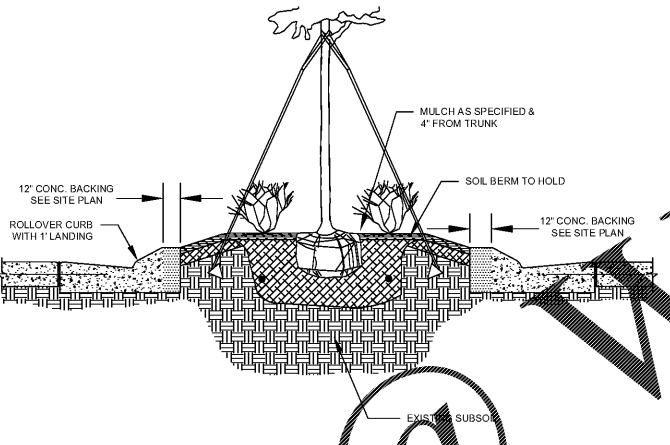
**3** STAKED PALM TREE  
L1.2 NTS



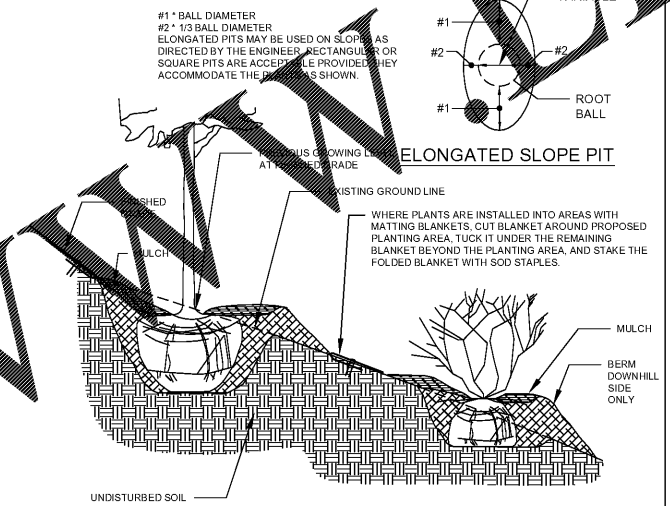
**4** STAKED TREE (GENERAL)  
L1.2 NTS



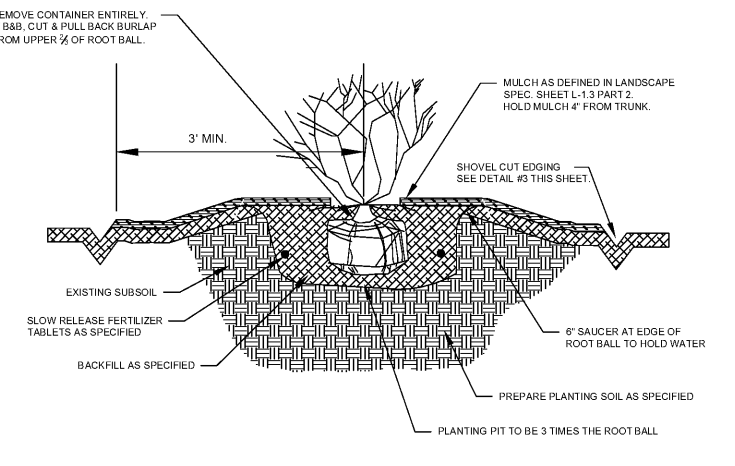
**5** GROUND COVER PLANTING  
L1.2 NTS



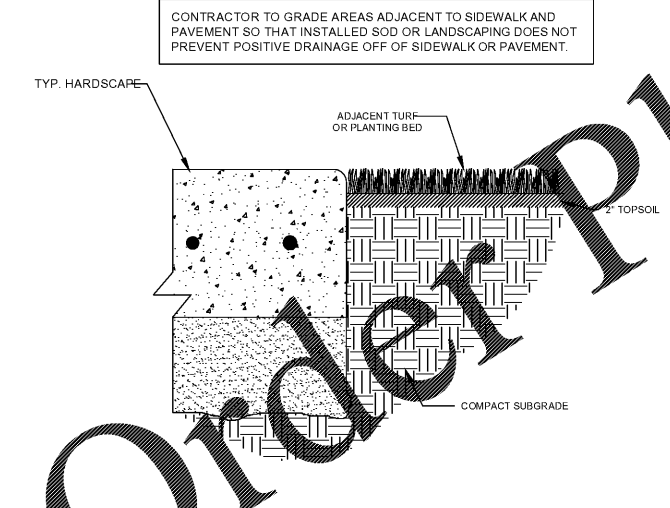
**6** LANDSCAPE ISLAND BED TYPE  
L1.2 NTS



**7** PLANT PLACEMENT ON SLOPE  
L1.2 NTS



**8** SHRUB (GENERAL)  
L1.2 NTS



**9** SOD AGAINST HARDSCAPE  
L1.2 NTS

**10** SOD  
L1.2 NTS

CONTRACTOR TO GRADE AREAS ADJACENT TO SIDEWALK AND PAVEMENT SO THAT INSTALLED SOD OR LANDSCAPING DOES NOT PREVENT POSITIVE DRAINAGE OFF OF SIDEWALK OR PAVEMENT.

LAY SOD IN A STAGGERED PATTERN. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER. DO NOT LEAVE SPACES AND DO NOT OVERLAP. A SHARPENED MASON'S TROWEL IS A HANDY TOOL FOR TUCKING DOWN THE ENDS AND TRIMMING PIECES.

APPEARANCE OF GOOD SOD

SHOOTS - OR GRASS BLADES. GRASS SHOULD BE GREEN AND HEALTHY, MOWED AT A 2-3\"/>

THATCH - GRASS CLIPPINGS AND DEAD LEAVES, UP TO 1/2\"/>

ROOT ZONE - SOIL AND ROOTS SHOULD BE 1/2\"/>

NOTE: NO ROLLED SOD IN FLORIDA

SOD PLANTING REQUIREMENTS			
GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERMUDA GRASS	COMMON TIFWAY	M.L.P.C.	WARM WEATHER
	TIFLAWN	P.C.	
	TIFLAWN	P.C.	
BAHA GRASS	PENSACOLA	P.C.	WARM WEATHER
CENTPEDE		P.C.	WARM WEATHER
ST. AUGUSTINE	COMMON BITERBLUE	C	WARM WEATHER
	RALEIGH		
ZOYSIA	EMERALD	P.C.	WARM WEATHER
	MIYER		
TALL FESCUE	KENTUCKY	M.L.P.	COOL WEATHER

FERTILIZER REQUIREMENTS FOR SOD				
TYPES OF SPECIES	PLANTING YEAR	FERTILIZER (N-P-K)	RATE (lb/sq/acre)	NITROGEN TOP DRESSING RATE (lb/sq/acre)
COOL GRASSES	FIRST	6-12-12	1500	50-100
	SECOND	6-12-12	1000	-
	MAINTENANCE	10-10-10	400	30
WARM GRASSES	FIRST	6-12-12	1500	50-100
	SECOND	6-12-12	800	50-100
	MAINTENANCE	10-10-10	400	30

FERTILIZER REQUIREMENTS FOR SOIL SURFACE APPLICATION				
FERTILIZER TYPE	RATE (lb/sq/acre)	RATE (lb/sq/acre)	SEASON	
10-10-10	1000	025	FALL	

- 11** LANDSCAPE PRE-CON MEETING AGENDA  
L1.2 NTS
- AGENDA ITEMS
- SCHEDULE
    - ARE THE CONSTRUCTION PROJECT MANAGER, ENGINEERING PROJECT MANAGER, LANDSCAPE CONTRACTOR PRESENT?
    - HAS A START DATE BEEN TARGETED AND TIME FRAMES LAID OUT?
    - HAVE THE OTHER REQUIRED ON-SITE MEETINGS BEEN DISCUSSED?
    - IS EVERYONE ON THE SAME PAGE MOVING FORWARD?
  - TOP SOIL
    - WHO IS BRINGING IT TO THE SITE?
    - WHEN SHOULD IT BE BROUGHT TO THE SITE?
    - WHERE WILL IT BE STOCKPILED?
  - PLAN REVIEW
    - HAS IT BEEN STRESSED THAT WE PREFER ROLLED SOD OVER SQUARE PALLETS WHERE APPLICABLE?
    - ARE THE IRRIGATION SLEEVES IN THEIR PROPER LOCATION?
    - WILL STRUCTURES / UTILITIES PREVENT THE IRRIGATION MAINLINE FROM BEING THREE (3) FEET OFF OF CURB?
    - IS EVERYONE CLEAR ON HOW THE IRRIGATION TIES IN AND OUT OF THE BUILDING?
  - SUBMITTALS / APPROVALS
    - IS THE LANDSCAPE CONTRACTOR CLEAR ON WHAT ALL NEEDS TO BE SELECTED (TAGGED) AND SEEN BEFORE SHOWING UP ON SITE?
      - PICTURES OF SHRUBS, SOD, INDIVIDUAL TREES, ROCK MULCH, AND WOOD MULCH.
  - PRICE SIGN LOCATION
    - HAS THE SIGN SPOTTING BEEN DONE AND IS THE CURRENT LOCATION CONFIRMED?
    - IF THE LOCATION MAY CHANGE, HAS IT BEEN DISCUSSED HOW EVERYONE WILL BE NOTIFIED?
    - DOES ANY LANDSCAPING AFFECT THE VISIBILITY OF THE SIGN?
  - MISCELLANEOUS
    - HAVE CIRCUMSTANCES UNIQUE TO THE SITE BEEN DISCUSSED?
    - DOES ANYONE AT THE MEETING HAVE ANY QUESTIONS OR CONCERNS ABOUT THEIR RESPONSIBILITIES MOVING FORWARD WITH THE PROJECT?

**12** GWINNETT TREE PROTECTION FENCE  
L1.2 NTS

ALONGSIDE TREE PROTECTION NOTES:

- ALL TREE PROTECTION DEVICES ARE TO BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED UNTIL FINAL LANDSCAPING IS COMPLETED.
- TREE PROTECTION FENCING SHALL BE INSTALLED IN LOCATIONS SHOWN ON PLAN.
- TREE PROTECTION FENCING SHALL BE INSPECTED DAILY AND REPAIRED OR REPAIRED AS NEEDED.
- TREE PROTECTION FENCES MUST HAVE SIGNAGE IN BOTH ENGLISH AND SPANISH THAT READS "STAY OUT", "NO ENTRADA", AND "TREE SIGN" WITH AN ARROW, POSTED ON FENCE EVERY 20 FEET WITH A MINIMUM OF FOUR (4) SIGNS.
- ALL TREE PROTECTION AREAS TO BE PROTECTED FROM SEDIMENTATION. INSTALL Silt FENCE ALONG TREE PROTECTION FENCING WHEREVER GRADING OCCURS ON THE UPHILL SIDE OF THE TREE PROTECTION ZONE.
- NO PARKING, STORAGE OR OTHER CONSTRUCTION SITE ACTIVITIES ARE TO OCCUR WITHIN TREE PROTECTION AREAS.
- ANY ROOTS WHICH MUST BE CUT SHALL BE CUT WITH A SHARP TOOL. THE TEARDROP OF ROOTS WITH HEAVY MACHINERY COULD RESULT IN EXTENSIVE ROOT AND STEM DECAY. NEAR TREE TRUNKS SHALL BE BACKFILLED WITH NATIVE SOIL AFTER PRUNING AND IDENTIFIED AND PROTECTED AS THE LIMITS OF ROOT DISTURBANCE.

Notes:

- No soil disturbance or compaction, construction materials, traffic, trenching, burial pits or other land disturbing activity are allowed in the tree protection zones.
- Tree protection barriers shall extend around the trees with a radius equal to or greater than the drip line.
- All tree protection barriers shall be installed prior to any grading, construction or other land-disturbing activity. They shall be constructed using orange safety fencing on metal posts.
- Fencing may be orange plastic or fabric.

DATE: 01/15/2018

1. JURISDICTIONAL COMMENTS

2. OWNER REVISIONS & JURISDICTIONAL COMMENTS

3. ISSUE FOR BID/OWNER COMMENTS

NO. DATE

Columbia Engineering  
2865 BURNING WOOD HIGHWAY  
DULUTH, GEORGIA 30096  
(770) 956-9587

GEORGIA REGISTERED PROFESSIONAL ENGINEER  
No. 1903  
RACETRAC PETROLEUM, INC.  
3500 PEACHTREE CORNERS PARKWAY  
SUITE 100, ATLANTA, GA 30339  
(770) 431-7800

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LANDSCAPE DETAILS  
PEACHTREE CORNERS RACE TRAC  
5700 PEACHTREE CORNERS PARKWAY  
PEACHTREE CORNERS, GEORGIA  
GWINNETT COUNTY  
DIST. 6, LL 284, PAARCELLS: 6-284-16, 18, 40, 56

DRAWN BY: JPB  
DATE: 01/15/2018  
SCALE: 1"=40'  
DRAWING NAME: 4607.00  
L-1.2 1  
SHEET NO. VERSION