

NOTE:  
SET THE TREE/PALM NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING AT +(10%) ABOVE FINAL GRADE LEVEL.  
NO MULCH SHALL TOUCH TRUNKS OF THE TREES OR PLANTS

**TREE PLANTING DETAIL**  
N.T.S.

REMOVE NURSERY STAKE, IF CENTRAL LEADER NEEDS TO BE STRENGTHENED OR HELD ERECT, IT IS ACCEPTABLE TO ATTACH A 1/2" X 8' BAMBOO POLE TO CENTRAL LEADER AND TRUNK.

32" LONG NON-ABRASIVE RUBBER TIES.

FORM EARTH SAUCER 3" MIN. DIA. W/ 2"-3" CONTINUOUS RIM AROUND PLANTING HOLE.

CUT AND REMOVE ALL TIES & BURLAP FROM TOP 1/3 OF ROOT BALL.

3" LAYER OF MULCH.

FINISH GRADE

PREPARED TOPSOIL WASHED IN TO AVOID AIR POCKETS SEE SPECIFICATIONS

UNEXCAVATED OR COMPACTED SOIL FOR SUPPORT

**TREE PROTECTION DETAIL**  
N.T.S.

LANDSCAPE STANDARDS

REVISIONS	DATE	BY	FOR	APPROVED BY	DATE
1					

SCALE: N.T.S.

**PALM PLANTING DETAIL**  
N.T.S.

SEE NOTE #34 FOR SABAL PALM FROND REMOVAL (HURRICANE CUT) AS REQUIRED

FOR PALMS, TIE BRANCHES TOGETHER WITH STRING

BURLAP WRAP

BLOCKED BRACES OF NEW CLEAR LUMBER 2"x4" (THREE REQUIRED)

PLASTIC FLAGGING ON ALL GUS FOR VISIBILITY

CUT AND REMOVE ALL TIES & BURLAP FROM TOP 1/3 OF ROOT BALL

FORM EARTH SAUCER 3" MIN. DIA. W/ 2"-3" CONTINUOUS RIM AROUND PLANTING HOLE

45° TYP.

FINISH GRADE

UNEXCAVATED OR COMPACTED SOIL FOR SUPPORT

PLANTING BALL SHALL HAVE A MINIMUM BALL SIZE OF 4'x4' AS REQUIRED

EXISTING SUBGRADE

15 LBS. OF MILORIGANT AND CLEAN SAND MIXTURE WASHED IN TO AVOID AIR POCKETS (TYPICAL)

**TREE GRATE/SIDEWALK STAKING DETAIL**  
N.T.S.

ROOTBALL

3 1/2" DRYWALL SCREW, THREAD SIZE 12 WITH POINT, FULL THREAD & BLACK PHOSPHATE COATED FINISH.

PLANTING PIT LIMITS

PLAN VIEW

3X ROOTBALL DIAMETER

HORIZONTAL 2"x2" SCREWED TO 2"x2" STAKE. WOOD SHALL BE #2 UNTREATED.

3" LAYER OF MULCH

FINISH GRADE

PREPARED TOPSOIL WASHED IN TO AVOID AIR POCKETS SEE SPECIFICATIONS

FORM EARTH SAUCER 3" MIN. DIA. W/ 2"-3" CONTINUOUS RIM AROUND PLANTING HOLE

UNEXCAVATED OR COMPACTED SOIL FOR SUPPORT

CUT AND REMOVE ALL TIES & BURLAP FROM TOP 1/3 OF ROOT BALL.

VERTICAL (2) 2"x2" STAKES SHALL ABOUT THE SIDE OF THE ROOTBALL

**SHRUB PLANTING DETAIL**  
N.T.S.

SHRUB

3" LAYER OF MULCH

FINISH GRADE

PREPARED TOPSOIL WASHED IN TO AVOID AIR POCKETS SEE SPECIFICATIONS

GROUND COVER

6" PLANTING SOIL

UNEXCAVATED OR COMPACTED SOIL FOR SUPPORT

BEST FACE OF SHRUB/ GROUNDCOVER TO FACE FRONT OF PLANTING BED

REFER TO PLANT SCHEDULING FOR SPACING (TRIANGULAR SPACING) (TYPICAL)

MAINTAIN 12" MULCH ZONE AT BED EDGE

**PLAN VIEW**  
N.T.S.

**EDGE OF R/W LOCATION VARIES**

**R/W**

**VARIES**

**PAVED STREET**

**CUT**

**5' MIN.**

**WATER, STORM, SEWER OR REUSE LINES/APPROPRIANCES**

**ROOT BARRIER DETAIL (TYPICAL)**

**N.T.S.**

**INJECTION MOLDED, RECYCLED POLYPROPYLENE**

**ROOT BARRIER WITH DOUBLE TOP EDGE**

**NOTE:** A ROOT BARRIER SYSTEM SHALL BE INSTALLED IN SITUATIONS WHERE A TREE OR PALM IS PLANTED WITHIN 10' OF A PAVED SURFACE OR INFRASTRUCTURE.

**MINIMUM ROOT BARRIER REQUIREMENTS:**

1) PANEL 0.085 THICK POLYPROPYLENE 3) ROUNDED EDGES 5) ANTI-LIFT PADS

2) ZIPPER JOIN SYSTEM 4) 24" DEPTH

**NOTE:** BIO BARRIERS SHALL BE INSTALLED WHERE TREES ARE IN THE VICINITY OF UNDERGROUND LINES, FIELD VERIFY AS REQUIRED.

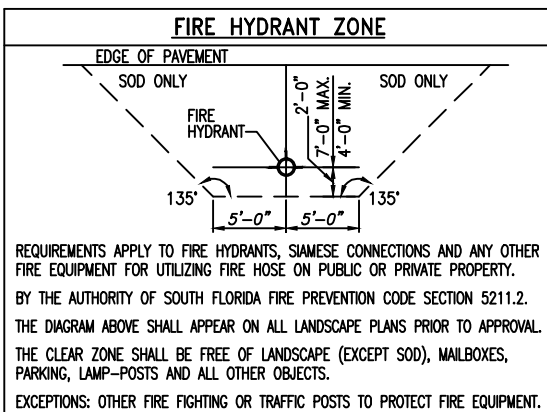
FOR RELOCATED AND/OR NEWLY PLANTED TREES/PALMS THE IRRIGATION SCHEDULE SHALL BE AS PER UF/IFAS PUBLICATION ENH-1061: DURING ESTABLISHMENT, TREES SHOULD BE IRRIGATED 2-3 TIMES PER WEEK WITH 2 GALLONS PER INCH TRUNK CALIPER. WATER SHOULD BE APPLIED ONLY TO THE TOP OF THE ROOT BALL.

TABLE 2. IRRIGATION SCHEDULES DEPEND ON SIZE OF NURSERY STOCK AND DESIRED OBJECTIVE\*.

SIZE OF NURSERY STOCK	IRRIGATION SCHEDULE FOR	
	VGOR	SURVIVAL
LESS THAN 2 INCH CALIPER	DAILY: 2 WEEKS EVENLY OTHER DAY: 2 MONTHS WEEKLY:UNTIL ESTABLISHED	TWICE WEEKLY FOR 2-3 MONTHS
2-4 INCH CALIPER	DAILY: 1 MONTH EVENLY OTHER DAY: 3 MONTHS WEEKLY:UNTIL ESTABLISHED	TWICE WEEKLY FOR 3-4 MONTHS
GREATER THAN 4 INCH CALIPER	DAILY: 6 WEEKS EVENLY OTHER DAY: 5 MONTHS WEEKLY:UNTIL ESTABLISHED	TWICE WEEKLY FOR 5 MONTHS

\* ESTABLISHMENT TAKES APPROXIMATELY 3 MONTHS (HARDINESS ZONES 10-11)  
4 MONTHS (HARDINESS ZONES 8-9) PER INCH TRUNK CALIPER.

1.	CONTRACTOR SHOULD MAKE HIS OWN TAKE OFF TO ELIMINATE DISCREPANCIES. IN CASE THEY OCCUR, THE PLAN WILL TAKE PRECEDENCE OVER THE PLANT LIST.	
2.	EXACT LOCATION OF PLANT MATERIAL MAY VARY SLIGHTLY, COORDINATE FIELD LOCATIONS WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. THE LANDSCAPE PLANS SHALL NOT BE UTILIZED FOR STAKING, LAYOUT OR LOCATIONS OF ANY SITE STRUCTURE OR FEATURE INCLUDING BUT NOT LIMITED TO BUILDINGS, SIGNS, SIDEWALKS, EASEMENTS, UTILITIES OR ROADWAYS.	
3.	ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE "FLORIDA #1" OR BETTER AND SHALL BE INSTALLED AS SPECIFIED IN "FLORIDA DEPT. OF AGRICULTURAL GRADES AND STANDARDS", CURRENT EDITION RESPECTIVELY.	
4.	ALL PLANTING TO BE DONE ACCORDING TO GOOD NURSERY PRACTICE.	
5.	ALL PLANTING MATERIAL SHALL BE GUARANTEED 365 DAYS (1 YEAR) FROM TIME OF FINAL INSPECTION & APPROVAL.	
6.	ALL SOD TO BE ST AUGUSTINE PALMETTO TSA-FREE (WEED FREE) SOLID, UNLESS OTHERWISE NOTED.	
7.	ALL BED AREAS TO RECEIVE A 3" LAYER OF <u>EUCALYPTUS MULCH/FLORIMULCH, (NON-CYPRESS)</u> , & SHALL BE A MIN. OF 1'-0" WIDER THAN PLANTS (MEASURED FROM OUTSIDE OF FOLIAGE).	
8.	ALL TREES TO HAVE A 2 1/2" MINIMUM TRUNK CALIPER OR UNLESS OTHERWISE SHOWN ON LANDSCAPE LEGEND.	
9.	ALL TREES FIELD GROWN (LIRIO CAN TREES NOT ACCEPTABLE), UNLESS OTHERWISE SHOWN.	
10.	LANDSCAPER TO FURNISH ALL MATERIALS AND LABOR INCLUDING PLANTS, MULCH, TOP DRESSING, SOIL PREPARATION, DECORATIVE ITEMS (IF SHOWN), INSPECTIONS, TRANSPORTATION, WARRANTY, PERMITS, ETC., NECESSARY FOR COMPLETION OF ALL LANDSCAPING REQUIRED HEREIN EXCEPT IF DESIGNATED TO BE BY OTHERS.	27
11.	LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY CHANGES IN THE MATERIAL OR DESIGN PRIOR TO INSTALLATION OF THE SAME.	
12.	OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.	
13.	LANDSCAPER SHALL HAVE A COMPETENT SUPERINTENDENT PRESENT ON THE JOB WHO SHALL BE AUTHORIZED TO REPRESENT THE LANDSCAPER IN HIS ABSENCE.	
14.	PLANTS SHOULD BE TYPICAL FOR THEIR VARIETY AND SPECIES, SOUND, HEALTHY VIGOROUS, FREE FROM PLANT DISEASE, INSECTS OR THEIR EGGS. THEY SHALL HAVE HEALTHY NORMAL ROOTS AND SHALL NOT BE ROOT BOUND. QUALITY AND SIZE: ALL PLANT MATERIALS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED.	28
15.	ALL PLANT MATERIAL SHALL BE HANDLED IN A CAREFUL MANNER DURING TRANSPORTATION AND INSTALLATION.	29
16.	PLANTS SHALL NOT BE PRUNED OR TOPPED BEFORE DELIVERY.	
17.	OWNER RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIALS.	
18.	LANDSCAPER SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE DAILY. THE PREMISES SHALL BE KEPT NEAT AND ORDERLY AT ALL TIMES WHILE WORK IS IN PROGRESS.	
19.	THE LANDSCAPE CONTRACTOR SHALL LAY OUT HIS WORK ACCORDING TO THE PLANS AND SPECIFICATIONS AND WILL BE RESPONSIBLE FOR ALL MEASUREMENTS EXERCISING SPECIAL CARE IN LAYING OUT WORK TO KEEP WITHIN PROPERTY LINES AND RECOGNIZING EASEMENTS. THE LANDSCAPE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY ERRORS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN LAYOUT.	30 31
20.	METHODS OF PROTECTION SHALL BE MAINTAINED AT ALL TIMES, AS REQUIRED TO INSURE ALL PERSONS AND PROPERTY AGAINST INJURY, AND SHALL BE MAINTAINED UNTIL THE COMPLETION OF ALL WORK.	32
21.	PLANT MATERIALS ABBREVIATIONS ON THE PLANT LIST: FG (FIELD GROWN); CT (INDICATES CLEAR TRUNK MEASUREMENT FROM THE TOP OF BALL TO FIRST BRANCHING OR BASE OF THE LOWEST FROND); GAL (GALLON CAN); 3 GAL (3 GALLON CAN); OA (INDICATES OVERALL HEIGHT FROM TOP OF BALL TO MID POINT OF CURRENT SEASON'S GROWTH); SPR (INDICATES SPREAD); Hvy (INDICATES HEAVY); MIN (INDICATES MINIMUM).	33
22.	SUBSTITUTION: PLANT SUBSTITUTION REQUESTS, FOR PLANT MATERIAL NOT OBTAINABLE IN THE TYPE AND SIZES SPECIFIED SHALL BE MADE PRIOR TO SUBMISSION OF BIDS. ALL SUBSTITUTION REQUESTS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT FOR CONSIDERATION AND APPROVAL. IT IS THE LANDSCAPE CONTRACTOR'S OBLIGATION TO KNOW WHERE THEY CAN OBTAIN ALL MATERIAL AT THE TIME OF BIDDING AND AT THE TIME A CONTRACT IS EXECUTED.	34
23.	THE CONTRACTOR'S GUARANTEE SHALL NOT APPLY IN THE EVENT OF FIRE, FLOOD, HURRICANE, WINDSTORM, OR OTHER "ACTS OF GOD" OR DAMAGES TO LANDSCAPING IN PROGRESS CAUSED BY ANY PERSONS OTHER THAN THOSE PERSONS UNDER THE DOMINION AND CONTROL OF THE CONTRACTOR.	35
24.	SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE ROOT BALLS EVEN WITH, OR SLIGHTLY HIGHER (+-1") THAN THE FINISHED GRADE.	
25.	DELIVERY RECEIPTS FOR TOPSOIL, PLANTING SOIL & MULCH SHALL BE SUPPLIED TO THE INSPECTOR OR LANDSCAPE ARCHITECT UPON REQUEST.	36



29. COMMERCIAL FERTILIZER, PHOSPHORIC ACID, AND POTASH IN EQUAL PERCENTAGES CONTAINING NITROGEN, PHOSPHORIC ACID, AND POTASH IN EQUAL PERCENTAGES OF AVAILABLE PLANT FOOD BY WEIGHT OR "MILORGANITE". NITROGEN SHALL BE NOT LESS THAN 100% FROM ORGANIC SOURCE. FERTILIZER SHALL BE DELIVERED TO THE SITE UNOPENED IN ORIGINAL CONTAINERS, EACH BEARING THE MANUFACTURER'S GUARANTEED ANALYSIS.

INITIAL FERTILIZATION OF TREES, SHRUBS, GROUND COVERS, SHALL BE WITH "MILORGANITE" OR AN APPROVED COMPLETE FERTILIZER. APPLY "MILORGANITE" IN A CIRCLE AROUND THE PLANT BEFORE MULCHING. DO NOT TOUCH THE PLANT WITH THE FERTILIZER. WATER IN FERTILIZER AFTER MULCHING. APPLY "MILORGANITE" FERTILIZER AT THE FOLLOWING RATE:

5 LBS. OR 14.5 CUPS / PALMS  
3 LBS. OR 8.70 CUPS / 12'-16' MATERIAL  
2 LBS. OR 5.80 CUPS / 8'-12' MATERIAL  
0.69 LBS. OR 2.00 CUPS / 6'-8' MATERIAL  
0.19 LBS. OR 1/2 CUP / 3 GAL. MATERIAL  
0.10 LBS. OR 1/4 CUP / 1 GAL. MATERIAL

FERTILIZERS SHALL BE SLOW TIME RELEASE, UNIFORM IN COMPOSITION, DRY, AND FREE FLOWING AND SHALL MEET THE FOLLOWING REQUIREMENTS;

ED. SIX (6) PERCENT NITROGEN, SIX (6) PERCENT PHOSPHOROUS, AND SIX (6) PERCENT POTASSIUM. FERTILIZER SHALL BE APPLIED TO ALL SHRUBS (1/3 LB. PER 3 GAL. CONTAINER, 1/4 LB. PER 1 GAL. CONTAINER) AND GROUNDCOVER. THE SOD STARTER FERTILIZER MIXTURE SHALL BE A 5-10-10 AT A RATE OF 20 LBS. PER 1000 S.F. A 14-14-14 FERTILIZER IS REQUIRED ON ALL TREES AND SHRUBS OVER 5' IN HEIGHT (1/2 LB. PER 5' OF SPREAD). AGRIFORM TABLETS WITH TWENTY (20) PERCENT NITROGEN, TEN (10) PERCENT PHOSPHOROUS, FIVE (5) PERCENT POTASSIUM IN 21 GRAM SIZES & SHALL BE APPLIED AT THE FOLLOWING RATE: 1 PER 1 GAL. PLANTS, 2 PER 3 GAL. PLANTS AND 2 TABLETS PER 1" OF TREE TRUNK CALIPER. APPLY PALM SPECIAL FERTILIZER AS PER MANUFACTURERS RECOMMENDATION.

27. SUPER ABSORBENT POLYMER: "TERRA SORB" OR APPROVED EQUAL AS PACKAGED IN 3 OZ. HANDY PAC COMPOSED OF SYNTHETIC ACRYLAMIDE COPOLYMER, POTASSIUM, ACRYLATE. PARTICLE SIZE OF 1.0 MM TO 3.0 MM AND ABSORPTION RATE OF 300 TIMES ITS WEIGHT IN WATER. APPLY DRY, USING THE FOLLOWING AMOUNTS:

1 PAC PER TREE - 36" BALL SIZE  
2 PACS PER TREE - OVER 36" BALL SIZE  
1 PAC PER 20 GAL. CONTAINER  
0.5 PACS PER 7-10 GAL. CONTAINER  
0.25 PACS PER 3 GAL. CONTAINER  
0.12 PACS PER 1 GAL. CONTAINER

28. LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING UTILITIES LOCATED. CARE SHALL BE TAKEN NOT TO DISTURB ANY UNDERGROUND CONSTRUCTION AND UTILITIES. ANY DAMAGE TO THESE FACILITIES DURING THE PLANTING OPERATIONS WILL BE REPAIRED AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR IN A MANNER APPROVED BY THE OWNER.

29. PLANTING SOIL: PLANTING SOIL SHALL BE COMPOSED OF 50% SAND AND 50% DECOMPOSED ORGANIC MATTER. ANY VARIATIONS IN THIS COMPOSITION SHALL BE APPROVED BY THE OWNER PRIOR TO USE. PLANTING SOIL SHALL BE FREE OF STONES, PLANTS, ROOTS AND OTHER FOREIGN MATERIALS WHICH MIGHT BE A HINDRANCE TO PLANTING OPERATIONS OR BE DETRIMENTAL TO GOOD PLANT GROWTH. SOIL SHALL BE DELIVERED IN A LOOSE FRIABLE CONDITION AND APPLIED IN ACCORDANCE WITH THE PLANTING SPECIFICATIONS.

30. WATER FOR PLANTING WILL BE AVAILABLE AT THE SITE AND WILL BE PROVIDED BY THE OWNER.

31. PRUNING: REMOVE DEAD AND BROKEN BRANCHES FROM ALL PLANT MATERIAL. PRUNE TO RETAIN TYPICAL GROWTH HABIT OF INDIVIDUAL SPECIES, RETAINING AS MUCH HEIGHT AND SPREAD AS POSSIBLE. MAKE ALL PRUNING CUTS WITH A SHARP INSTRUMENT, FLUSH WITH THE TRUNK OR ADJACENT BRANCH, IN SUCH A MANNER AS TO ENSURE ELIMINATION OF STUBS. "HEADBACK" CUTS, RIGHT ANGLE TO LINE OF GROWTH WILL NOT BE PERMITTED AND TREES WILL NOT BE POLED, TOPPED, OR HATRACKED.

32. SITE PREPARATION: IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO FINISH (FINE) GRADE ALL LANDSCAPE AREAS TO BE SODDED (PRIOR TO APPLICATION OF SOD) ELIMINATING ALL BUMPS, DEPRESSIONS, STICKS, STONES, AND OTHER DEBRIS TO THE SATISFACTION OF THE OWNER.

33. MAINTENANCE: MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE UNTIL ALL PLANTING HAS PASSED FINAL INSPECTION AND ACCEPTANCE. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, CULTIVATING, REMOVAL OF DEAD MATERIALS, RESETTling PLANTS TO PROPER GRADES OR UPRIGHT POSITIONS AND RESTORATION OF THE PLANTING SAUCER AND ANY OTHER NECESSARY OPERATIONS. PROPER PROTECTION TO LAWN AREAS SHALL BE PROVIDED AND ANY DAMAGE RESULTING FROM PLANTING OPERATIONS SHALL BE REPAIRED PROMPTLY.

34. CONTRACTOR TO REMOVE ALL REMAINING FRONDS ON NEWLY PLANTED SABAL PALMS WITH THE EXCEPTION OF THE CENTER BUD TO INSURE BETTER SURVIVABILITY AND LESS WATER STRESS PROBLEMS OF THE PALM, THUS GIVING HIGHER SURVIVOR RATE OF THE SAME. (NOTE: OTHER PALM SPECIES THE BRANCHES TOGETHER WITH BIODEGRADABLE TWINE TO A TIGHT BUNDLE AROUND BUD FOR PROTECTION AS REQUIRED).

35. ALL APPLICABLE FEDERAL, STATE, AND LOCAL PERMITS SHALL BE OBTAINED PRIOR TO ANY REMOVAL, RELOCATION, OR INSTALLATION OF PLANT MATERIALS INDICATED WITHIN THE PLANS OR PLANT DOCUMENTS.

36. A SIGHT VISIBILITY TRIANGLE SHALL BE PROVIDED. THE SIGHT VISIBILITY TRIANGLE SHALL PROVIDE UNOBSTRUCTED CROSS-VISIBILITY FOR VEHICULAR, PEDESTRIAN, AND BICYCLE TRAFFIC AT LEVEL BETWEEN 30" & 8 FT MEASURED FROM GRADE LEVEL AT ALL ENTRANCES, EXITS, AND INTERSECTIONS.



**SUNSHINE**  
GASOLINE DISTRIBUTORS, INC.

**MDM**  
**SERVICES, INC.**  
engineering • environmental • construction

2151 W. HILLSBORO BLVD, DEERFIELD BEACH,  
FLORIDA 33442  
Phone: (954) 427-3076  
FLORIDA CA #4857

[illegible][illegible]

## NEW C-STORE

**SUNSHINE GASOLINE DISTRIBUTORS**  
**CHEVRON**  
**GAS STATION #010**

**301 POMPANO PKWY,  
POMPANO BEACH, FL  
33069**

SCALE:	AS NOTED	MDM JOB #	21119
DATE:	08-11-2022	RBL#	25-04-2235
DESIGNED BY:	RICK BARTLETT	FILE NAME:	21119 CD.DWG
DRAWN BY:	RICK BARTLETT		
CHECKED BY:	RGB/MER		
DRAWING TITLE:			

**DRC**

# L-3.0

PZ25-12000017

07/02/2025