

1. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR FLORIDA #1 OR BETTER AS DESCRIBED IN THE CURRENT "GRADES AND STANDARDS FOR NURSERY PLANTS", STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE, TALLAHASSEE, OR THEIR EQUIVALE AS DETERMINED BY THE LANDSCAPE ARCHITECT.
2. MULCH SHALL BE 100% SIEVED NATURAL WOOD, GRADE "A", INSTALLED A MINIMUM OF 3" THICK IN ALL PLANTING AREAS.
3. SOD IS TO BE 60% WEED-FREE ST. AUGUSTINE "FLORITAM", INSTALLED WITH TIGHT JOINTS, ROLLED AND FERTILIZED.
4. ALL DIMENSIONS SHALL BE FIELD-CHECKED BY THE LANDSCAPE CONTRACTOR PRIOR TO CONSTRUCTION, WITH ANY DISCREPANCIES REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT.
5. THE PLANT MATERIALS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. SHOULD THERE BE ANY DISCREPANCY BETWEEN THE PLANT AND THE PLANT LIST, THE PLANT LIST SHALL PREVAIL.
6. ALL MATERIALS MUST BE AS SPECIFIED ON THE LANDSCAPE PLAN. IF MATERIALS OR LABOR DO NOT ADHERE TO THE SPECIFICATIONS, THEY WILL BE REJECTED AT NO ADDITIONAL COST TO THE OWNER.
7. ALL PLANTING BEDS SHALL BE TREATED WITH ROUND-UP AND RIGNSTAR, USE AS DIRECTED BY MANUFACTURERS.
8. NO SUBSTITUTIONS OR CHANGES OF ANY KIND WILL BE ALLOWED. THE TIME OF BIDDING SO AS TO PROVIDE FOR FAIR COMPARISON.
9. 100% AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED ACCORDING TO THE IRRIGATION PLAN AND SPECIFICATIONS.
10. THE CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND CONDITIONS PRIOR TO HIS COMMENCEMENT OF THE WORK-FREE OF CHARGE.
11. ALL BUILDING MATERIALS AND LABOR SHALL CONFORM TO THE SOUTHERN BUILDING CODE AND ALSO TO ALL LOCAL CODES THAT HAVE JURISDICTION.
12. ALL PERMIT AND VARIANCE APPLICATIONS SHALL BE MADE BY THE CONTRACTOR.
13. PRIOR TO CONSTRUCTION OF PLANTING BEDS, ALL AREAS ARE TO HAVE SOIL TESTS CONDUCTED TO DETERMINE pH. ANY VARIERS IN ADEQUATE FERTILITY AND pH OF THE LANDSCAPE CONTRACTOR TO AMEND THE SOIL. TO ACHIEVE FERTILE TESTS FOR CORRESPONDING PLANT MATERIAL. ALL TEST RESULTS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT.
14. PRIOR TO THE LAND CLEARING STAGE, THE CONTRACTOR SHALL CLEARLY MARK ANY TREE GROUPS TO BE MAINTAINED IN THE PROXIMITY OF ANY AREA WHERE LAND CLEARING EQUIPMENT IS TO BE OPERATED. THE MARKINGS SHALL REMAIN IN PLACE DURING CONSTRUCTION. SAID EQUIPMENT SHALL BE OPERATED IN A MANNER THAT DOES NOT DESTROY OR DAMAGE ANY TREES IN PROXIMITY WITH THE PLANS. DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, A TEMPORARY BARRIER OF AT LEAST THREE (3) FEET IN HEIGHT SHALL BE FORMED, A MINIMUM RADIUS OF SIX (6) FEET FROM THE BASES OF THE TREE OR TREES, AND THE DEVELOPER SHALL NOT CAUSE OR ALLOW THE CLEANING OF EQUIPMENT OR MATERIAL, WITHIN THE DRIP LINE OF ANY TREE OR GROUPS OF TREES TO BE MAINTAINED. NEITHER SHALL THE DEVELOPER CHOOSE OR ALLOW THE DISPOSAL OF WASTE MATERIAL, SUCH AS PAINT, ASPHALT, CONCRETE, CORROPT, NICKEL OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF A TREE WITHIN THE DRIP LINE OF ANY TREE OR GROUP OF TREES. NO ATTACHMENT, WEIRS (OTHER THAN PROTECTIVE GUY TREES), SIGNOS, OR PERMITS MAY BE FASTENED TO A TREE.
15. THE OWNER OR HIS AGENT SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE MATERIALS SHALL BE MAINTAINED IN GOOD CONDITION SO AS TO PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE AND SHALL BE KEPT FREE FROM REFUSE AND DEBRIS. THE OWNER SHALL REPLACE ALL LANDSCAPE MATERIALS REQUIRED IF, FOR ANY REASON, THEY DIE OR ARE SEVERELY DAMAGED. THE OWNER IS RESPONSIBLE TO MAINTAIN THE LANDSCAPING IN A HEALTHY MANNER.
16. ALL QUESTIONS CONCERNING THE PLAN AND/OR SPECIFICATIONS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT (386) 2164861.
17. WHEN INSTALLING PLANT MATERIALS, THE CONTRACTOR MUST NOT CUT, DO NOT CUT TREE ROOTS OR TRUNKS, OR LARGER, INSTEAD OF PLANTING TO MISS ROOTS, KEEPING GENERAL DESIGN.
18. LEAVE AS MUCH NATURAL VEGETATION AS POSSIBLE.

[illegible]

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ALACHUA, FLORIDA

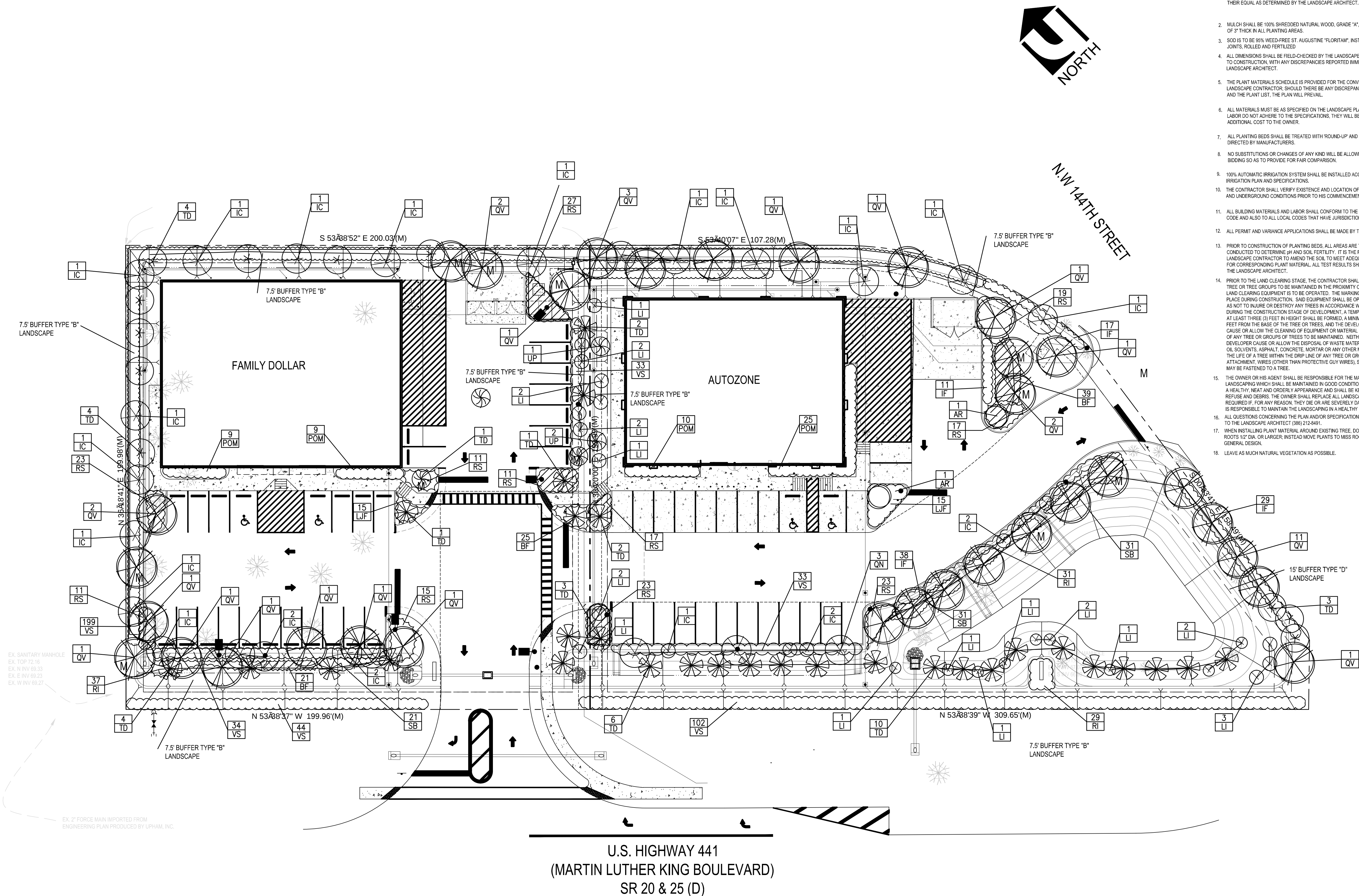
DATE: _____

DRAWN BY: RLP

SCALE: 1" = 20'

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

Abstract



30% LANDSCAPE AREA REQUIREMENT

Per City of Alachua Comprehensive Plan Policy 2.4.1, which states that the minimum landscape area must be 30% of the delevopment site.

TOTAL SITE AREA FOR FAMILY DOLLAR IS 39,996 AND TOTAL LANDSCAPE AREA IS 12,021 SQ. FT.
12,021 sq. ft/ 39,996 = 30%

TOTAL SITE AREA FOR AUTO ZONE IS 50,397 AND TOTAL LANDSCAPE AREA IS 26,168 SQ. FT.
26,168 sq. ft/ 50,397 = 52%

PERIMETER BUFFER LANDSCAPE REQUIREMENTS

Section 6.2.2 (d) (3)

Family Dollar Perimeter

North Perimeter 200'	Buffer type "B" 7.5'	4 Canopy trees and 5 Understory trees required	5 Canopy trees and 5 Understory tree provided
East Perimeter 199.9'	Buffer type "B" 7.5'	4 Canopy trees and 5 Understory trees provided	8 Canopy trees and 5 Understory trees provided
South Perimeter 199'	Buffer type "B" 7.5' Arterial	10 Canopy trees and 6 Understory trees and hedge required	10 Canopy trees and 5 Understory trees provided
West Perimeter 199.7'	Buffer type "B" 7.5'	4 canopy trees and 5 Understory trees required	6 Canopy trees and 5 Understory trees provided

Auto Zone Perimeter

North Perimeter 217'	Buffer type "B" 7.5'	4 Canopy trees and 5 Understory trees required	6 Canopy trees and 5 Understory trees provided
East Perimeter 158.5'	Buffer type "D" 15.0'	4 Canopy trees and Hedge	8 Canopy trees and Hedge
South Perimeter 309'	Buffer type "B" 7.5' Arterial	6 Canopy trees and 6 Understory trees required	17 Canopy trees and 6 Understory trees provided
West Perimeter 199.9'	Buffer type "B" 7.5'	4 Canopy trees and 5 Understory trees required	4 Canopy trees and 5 Understory trees required

SITE LANDSCAPE CALCULATION

Section 6.2.2 (D) (1) (c)

Family Dollar

Street-Facing Canopy Trees Required	3 trees per acre 2 x .92 = 3 Canopy trees required	5 Canopy trees provided
Side and Rear Canopy Trees Required	2 trees per acre 2 x .92 = 2 Canopy trees/both sides and 2 rear required (6)	4 Canopy, west side, 2 canopy east side and 4 canopy rear/north provided
Site Understory Trees Required	6 trees per acre 6 x .92 = 6 Understory trees required	14 Understory trees provided
Building Facade Tree Required	4 Canopy trees / 100' , 103 lin. ft. building facade, 4 trees required	6 Tree provided

Auto Zone

Street Facing Canopy Trees Required	3 trees per acre 2 x 1.16 = 4 Canopy trees required	5 Canopy trees provided
Side and Rear Canopy Trees Required	2 trees per acre 2 x 1.16 = 3 Canopy trees/both sides and 3 canopy trees rear (9)	3 Canopy trees west side,4 canopy tree east side and5 canopy trees rear/north provided
Site Understory Tree Required	1.16 = 7 Understory trees required	7 Canopy trees provided
Building Facade Tree Required	4 Canopy trees / 100', 95 lin. ft./100 building facade = 4 tree required	6 tree provided

INTERIOR PARKING AREA LANDSCAPE REQUIREMENTS

Sec. 6.2.2(D) (2) (a): 1 Canopy tree or understory tree for every 2,000 sq. ft. and 10 shrubs for every tree.

AUTO ZONE

Proposed parking	7,578 sq. ft.	
	7,578 sq.ft./2000 = 4 Trees required	5 Trees provided
	4 trees x 10 shrubs = 40 shrubs	105 shrubs provided

FAMILY DOLLAR

Proposed parking	11,453 sq.ft.	
	11,453 sq.ft./2000 = 6 trees required	6 Trees provided
	6 Trees x 10 shrubs = 60 shrubs required	142 shrubs provided

REQUIRED TREE MITIGATION

Tree mitigation shall be provided on a 1 for 1 basis.

AUTO ZONE

4 Tees have been removed and 4 Live Oaks have been installed and marked with a (M)

FAMILY DOLLAR

2 Elms have been removed and 5 Live Oaks have been removed with 2 Elms and 5 Live oaks being installed.

SITE LANDSCAPE CALCULATION PARKING PERIMETER

FAMILY DOLLAR

250' lin.ft of parking	4 Canopy Trees/100' lin. ft.	
	250'/100 = 2.5 x 4 = 10 Canopy trees required	12 Canopy trees provided
	250'/100 = 2.5 x 2 = 5 Understory trees required	5 Understory tree provided
	Continual Hedge required and provide	

AUTO ZONE

300' lin.ft.	4 Canopy trees / 100' lin. ft.	
	300'/100 = 3 x 4 = 12 Canopy trees	16 Canopy trees provided
	300'/100 = 3 x 3 = 6 Understory trees required	6 Understory trees provided
	Continual Hedge required and provided	

PLANTING SCHEDULE

QUANTITY	CODE	BOTANICAL NAME	COMMON NAME	SIZE&SPECIFICATION SPACING
TREES & PALM				
2	AR	ACER SACCHARINUM	JEFFERS RED	30 GAL., 8-10' HGT., 2 1/2" CAL @ 4" (C)
25	IC	ILEX SSP.	DAHOON HOLLY	15 GAL., 10' HGT., 5" SPR., 2" CAL., 4" (U)
20	LI	LAGERSTROEMIA INDICA	PURPLE CRAPE MYRTLE	15 GAL., 8' HGT., 5" SPR., 1 1/2" CAL @ 4" (U)
17	MGJ	MAGNOLIA SSP.	BRACKEN BROWN BEAUTY	30 GAL., 10' HGT 2. 1/2" CAL @ 4" (C)
32	QV	QUERCUS VIRGINIANA CATHEDRAL	CATHEDRAL LIVE OAK	30 GAL., 12' HGT., 5" SPR., 2 1/2" MCAL. @ 4" (C)
3	QN	QUERCUS NUTTALLII	NUTTALL OAK	30 GAL., 12' HGT., 5" SPR., 2 1/2" CAL., @ 4" (C)
42	TD	TAXODIUM DISTICHUM	BALD CYPRESS	30 GAL., 12' HGT., 5" SPR., 2 1/2" @ 4" (C)
3	UP	ULMUS PARVIFOLIA	DRAKE ELM	30 GAL., 10'-12' HGT., 5" SPR., 2 1/2" CAL. @4" (C)

C = CANOPY TREE

U = UNDERSTORY TREE

SHRUBS 7 GROUNDCOVERS

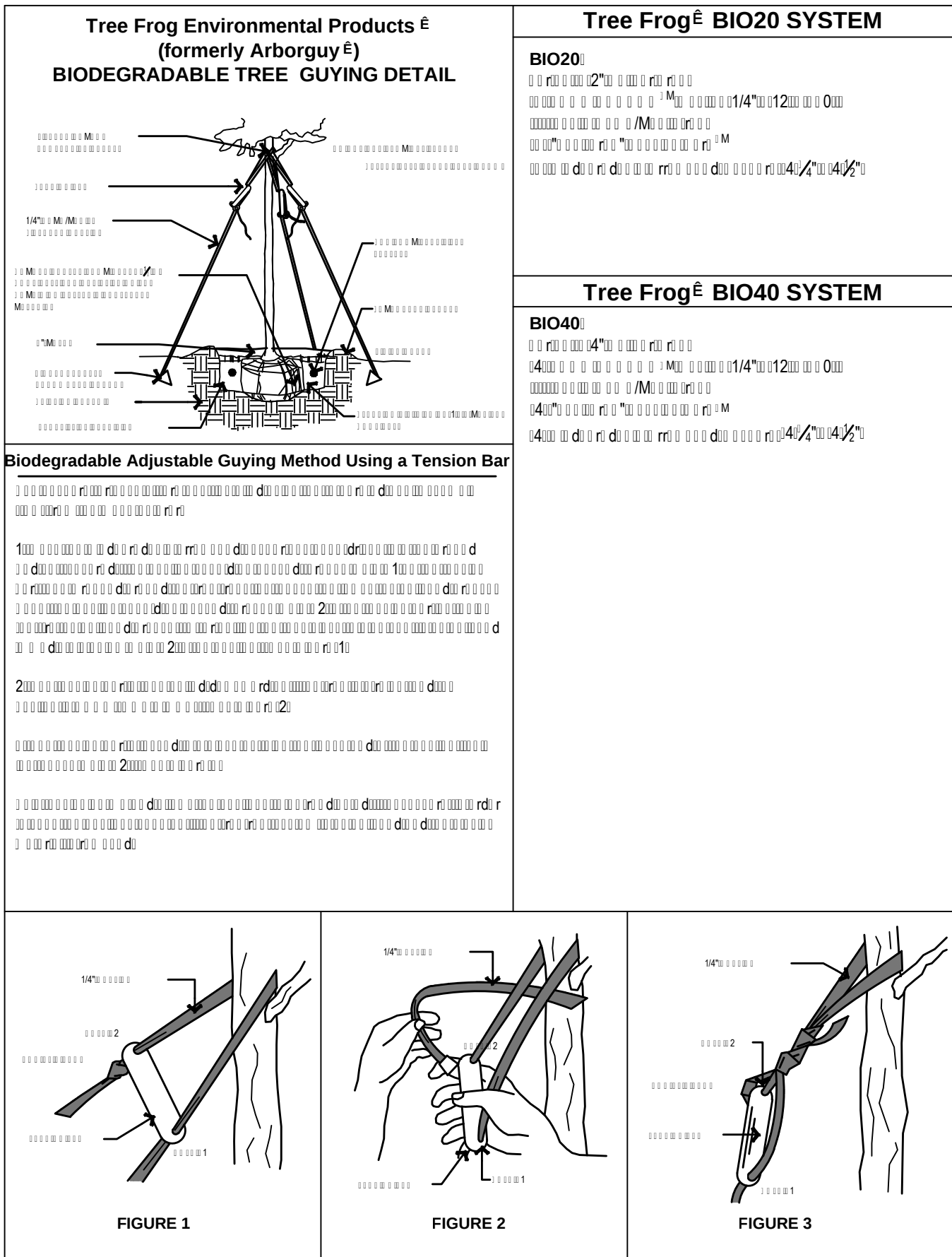
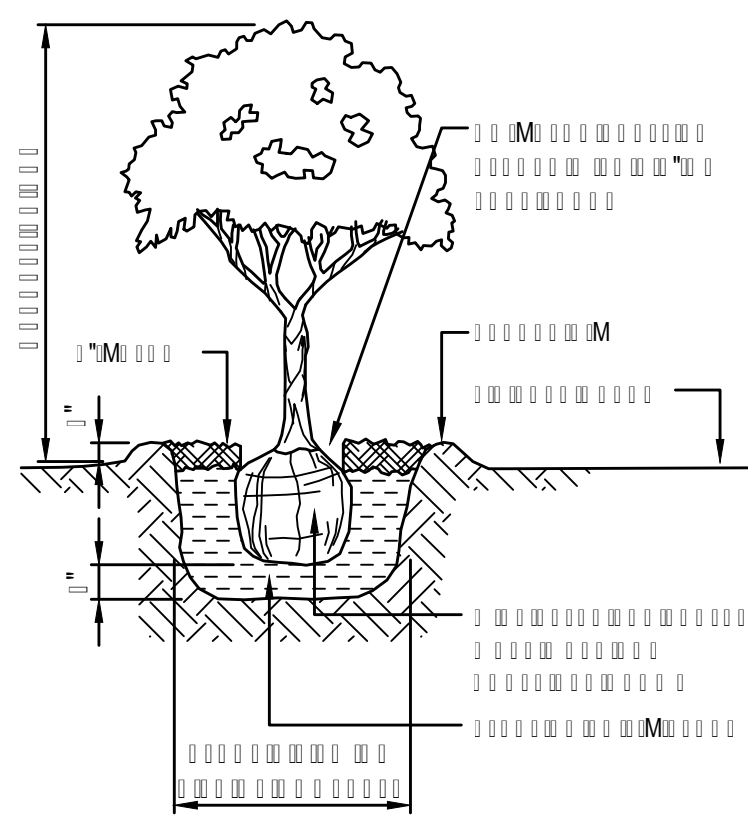
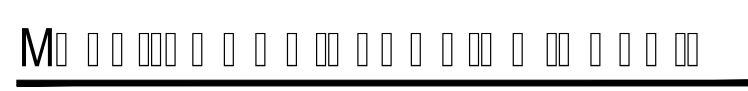
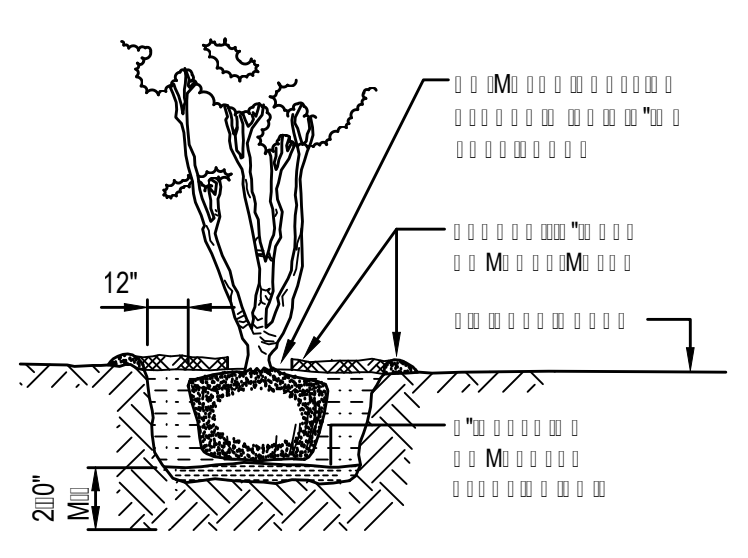
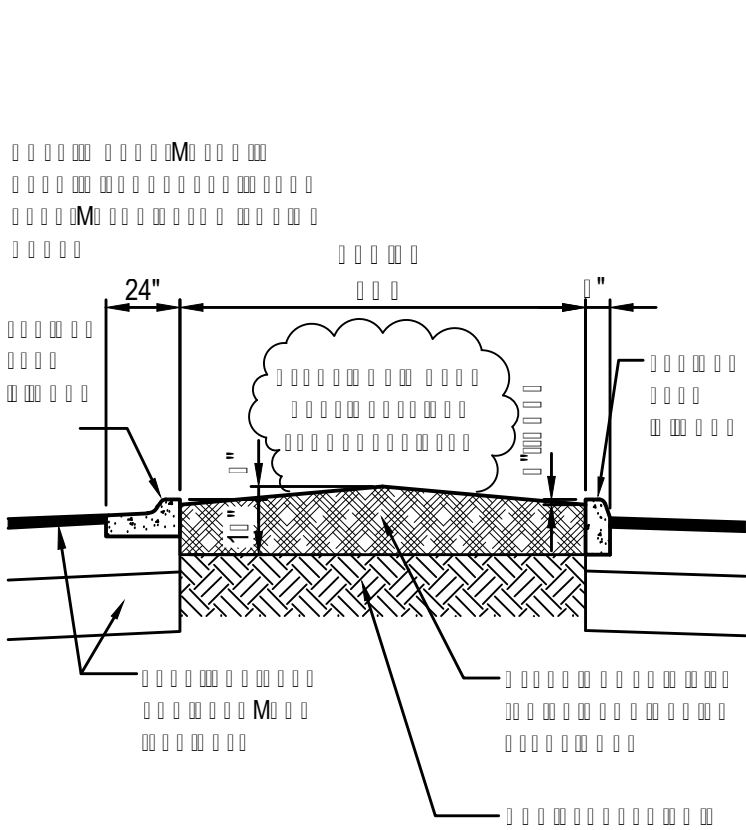
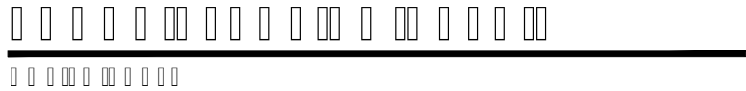
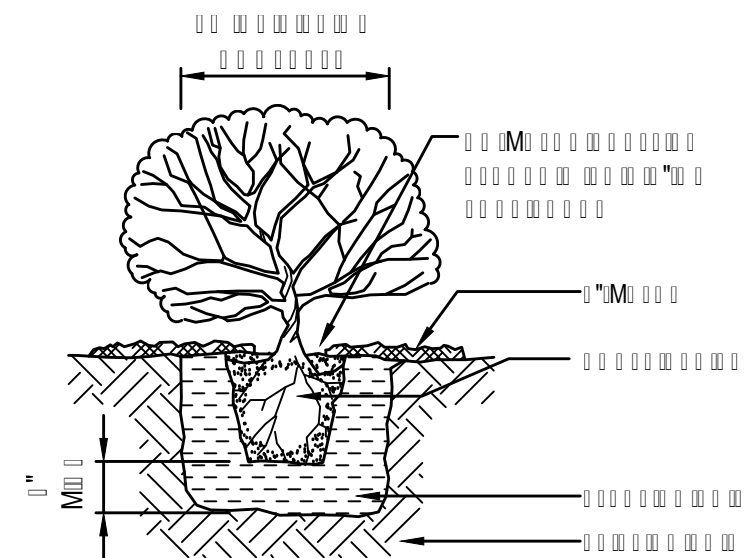
85	BF	BULBINE FRUTESCENS	ORANGE BULBINE	1 GAL., 12" HGT., FULL 3' OC.
95	IF	ILICIUM FLORIDAVUM	FLORIDA ANISE	3 GAL., 24" HGT., 12" SPR. 30" OC.47
30	LJF	LIGUSTRUM SSP.	JACK FROST	3 GAL., 24" HGT., 3' OC.
148	POM	PODOCARPUS SSP.	YEW	3 GAL., 24" HGT., FULL 3' OC.
97	RI	RAPHIOLEPIS INDICA	INDIAN HAWTHORN	3 GAL., 24" HGT., FULL 3' OC.
197	RS	RHODODENDRON SSP	AZALEA	53 GASL, 24" HGT., FULL 3' OC..
83	SB	SPARTINA BAKERII	SANDCORD GRASS	3 GAL., 24" HGT., FULL 3' OC.
445	VS	VIBURNUM SUSPENSUM	SANDANKWA VIB.	3 GAL., 24" HGT., FULL 3' OC.

GRASSING

ALL DISTURBED AND UNPAVED AREAS TO BE GRASSED WITH NOXIOUS WEED AND TROPICAL SODA APPLE FREE SOD OR SEEDED AND MULCHED. SEE CIVIL SITE PLANS FOR ADDITIONAL RELATED INFORMATION.

10% OPEN SPACE AREA REQUIREMENT

CITY OF ALACHUA LDR SECTION 6.7.3 (A) STATES THAT THE MINIMUM OPEN SPACE SET-ASIDE SHALL BE 10% OF THE DEVELOPMENT SITE. THIS REQUIREMENT IS MET BY THE CALCULTIONS FOR 30% LANDSCAPE, SHOWN ADJACENT, WHICH INCLUDE LANDSCAPED BUFFERS, BASINS, AND OTHER LANDSCAPED AREAS.

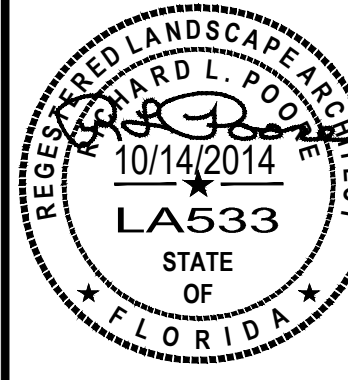


PHONE: (352) 35-411
EMAIL: info@uphaminc.com

NOTE: TREE STAKING IS ONLY FOR MEDIUM AND LARGE TREES

REVISIONS

DATE	DESCRIPTION
10/14/2014	LA533



UPHAM INC.
CIVIL ENGINEERING-SURVEYING-LANDSCAPE ARCHITECTURE
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LB # 0003612

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LANDSCAPE DETAILS AND CHARTS

FAMILY DOLLAR & AUTOZONE

STORE #4997

ALACHUA, FLORIDA

PROJECT No: 2014 - 0901

DATE:

DESIGN BY: RLP

DRAWN BY: RLP

CHECKED BY: RLP

SCALE: 1" = 20'

DRAWING NUMBER:

L - 1.1

IRRIGATION LEGEND

(USE THE FOLLOWING IRRIGATION EQUIPMENT)

- RAINBIRD HEADS (8" POP - UP)
1500 SERIES 6" SPRAY BODIES
15" SERIES WITH 23" TRAJECTORY
- | | | |
|---|--------------------------|----------|
| ⊙ | QUARTER | 0.92 gpm |
| ⊙ | HALF | 1.85 gpm |
| ⊙ | FULL | 3.7 gpm |
| ⊙ | ADJUSTABLE (0 - 3.7 gpm) | |
| ⊙ | 3/4" QUARTER | 2.78 gpm |

- ⚠ 1-1/2" BACKFLOW PREVENTER
Ⓢ RAINBIRD CONTROLLER ESP-4M: 4 STATION OUTDOOR WITH 3-3 STATION ESP-SM3
Ⓡ RAIN CONTROLLER
⚡ 1 1/2" BRASS GATE VALVES
Ⓜ 1 1/2" IRRIGATION METER
⚡ 1 1/2" 150 - PGA ANGLE VALVES

NETAFIM AREA

- 4" EST .62 gpm
▤ 15" SST 1.2 gpm

ZONE NUMBER
2 18
380
NUMBER OF HEADS
APPROX. GALLONS PER MINUTE

PAVEMENT

PVC PIPE SLEEVE
PVC IRRIGATION PIPE
PVC CABLE SLEEVE
ZONE CONTROL CABLES

NOTE: ALL HEADS OR VALVES ARE TO BE PRESSURE REGULATING PER COUNTY CODE

NOTE: USE RISERS WITH POP - UP IN BEDS. SYSTEM MUST PROVIDE 100% COVERAGE OF ALL IRRIGATED AREA ONCE PLANTING HAS BEEN INSTALLED. THERE ARE SOME AREAS IN RETENTION WHERE THERE IS NOT 100% OR ANY COVERAGE.

NOTE: OVER 50% OF THE OPEN/LANDSCAPE AREA IS IRRIGATED WITH LOW VOLUMN OR NO IRRIGATION.

1 1/2" LOOPED MAIN
SLEEVE UNDER PAVEMENT FOR WIRE
SLEEVE UNDER PAVEMENT FOR PIPE (SEE SCHEDULE FOR SIZE REQUIREMENTS)
BACK OF CURB

RUBBER COVER
FINISH GRADE
MODEL PGP GEARED ROTOR
3/4" STREET ELLS
3/4" SCHEDULE 80 NIPPLE (LENGTH AS REQUIRED)
3/4" STREET ELL
PVC TEE
PVC LATERAL LINE

GEAR DRIVE INSTALLATION DETAIL
NOT TO SCALE

PVC OR POLY PIPING
TECHLINE FITTINGS AND DRIPPERLINE
CREATING SUB-HEADERS TO REDUCE GLUE/SADDLE JOINTS

NETAFIM DETAIL
NOT TO SCALE

NOTE: DO NOT TRENCH THROUGH EXISTING TREE ROOT ZONE GO AROUND.

NOTES:

1. IRRIGATION LINES ARE SHOWN DIAGRAMMATICALLY AND ARE INTENDED TO SHOW DISTRIBUTION ZONES ONLY. ALL VALVES SHALL BE LOCATED WITHIN PLANTING AREAS (NOT WITHIN PAVEMENT). LINES LOCATED UNDER PAVEMENT SHALL BE KEPT TO A MINIMUM AND ALL PIPING UNDER PAVED AREAS SHALL BE SLEEVED.

CENTER FEED LAYOUTS:

- WHERE LAYOUT FLEXIBILITY EXISTS, IT IS RECOMMENDED THAT CENTER FEED LAYOUTS BE USED. THIS ALLOWS FOR THE MOST EVEN FLOW OF WATER THROUGH OUT THE ZONE.
- CENTER FEED LAYOUTS ALSO ALLOW YOU TO MAXIMIZE THE LENGTHS OF TECHLINE THAT CAN BE RUN.

PLEASE NOTE THAT CALL-OUTS AND DETAILS SHOWN ARE FOR REFERENCE ONLY. PLEASE CONSULT LOCAL CODES AS TO REQUIREMENTS FOR YOUR SPECIFIC AREA.

SUPPLY HEADER
EXHAUST HEADER
JOINING TECHLINE TUBING
CHECK LONGEST LATERAL AGAINST TABLE 2 FOR MAXIMUM LATERAL LENGTH

LF
LINE FLUSHING VALVE PLUMBED TO PVC OR POLY
TECHLINE START CONNECTION MALE ADAPTER
PVC OR POLY EXHAUST HEADER
PVC OR POLY SUPPLY HEADER
TECHLINE START CONNECTION (SEE DETAIL 4 OF 4)
REMOTE CONTROL VALVE WITH DISC FILTER AND PRV
AREA PERIMETER
TECHLINE TUBING LATERAL
BLANK TECHLINE TUBING (OR VIBRA-DRIP DRIPPERLINE)
PERIMETER LATERALS 2" TO 4" FROM EDGE
LF

TECHLINE CENTER FEED LAYOUT

EXHAUST HEADER
SUPPLY HEADER
BRANCHING OUT TECHLINE TUBING

TOTAL THESE TECHLINE LATERALS TO CHECK THE MAXIMUM LATERAL LENGTH ALLOWED IN TABLE 2

ZONE WATER REQUIREMENTS:
ONCE YOU HAVE LAID OUT THE TECHLINE, YOU NEED TO IDENTIFY HOW MANY DRIPPERS THERE ARE, AND THEIR TOTAL OUTPUT. THIS WILL HELP YOU DETERMINE MAINLINE, SUBMAIN AND SUPPLY/EXHAUST HEADER SIZING. VALVE, FILTER, AND REGULATOR SELECTION.

IRRIGATION NOTES:

- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL EXISTING UTILITIES AND CONDITIONS PRIOR TO HIS COMMENCEMENT OF THE IRRIGATION WORK.
- CHECK PRESSURE AND GPM OF WATER SUPPLY BEFORE BEGINNING JOB AND REPORT FINDING TO LANDSCAPE ARCHITECT. LANDSCAPE ARCHITECT WILL MAKE ANY ADJUSTMENT NECESSARY TO MAKE SYSTEM WORK AT ITS BEST.
- THIS PLAN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL INSTALL PIPING IN A MINIMUM NUMBER OF TRENCHES AND SHALL INSTALL PIPE IN A MINIMUM LENGTH.
- QUANTITIES FOR IRRIGATION MATERIALS ARE NOT GIVEN. THE CONTRACTOR SHALL DETERMINE THIS FROM THE PLAN.
- INSTALL SLEEVE PIPING WHERE SHOWN ON THE DRAWINGS AT THE PROPER DEPTH.
- ALL SLEEVE PIPE SHALL BE SCHEDULE 40 PVC PIPE INSTALLED A MINIMUM OF 20" BELOW FINISHED PAVING GRADES.
- ALL SLEEVES WHEN PLACED IN FIELD ARE TO BE LOCATED BY A METAL PIPE AT EACH END AND LOCATED FROM TWO STATIONARY POINTS BY TAPE MEASUREMENTS.
- ALL PIPE SHALL BE INSTALLED A MINIMUM OF 20" BELOW GRADE.
- ALL TRENCHING SHALL BE KEPT OUT OF THE DRIP LINE AREA OF ALL EXISTING TREES. USE RADIAL LINES OR TUNNELING WHEN NECESSARY TO ENCRACH INTO THE DRIP LINE AREA OF TREES.
- LOCATE ALL VALVES AND OTHER IRRIGATION EQUIPMENT IN PLANT BED AREAS WITHIN THE PROJECT LIMITS FOR CONCEALMENT PURPOSES.
- RISERS ARE TO BE HIDDEN COMPLETELY IN SHRUBBERY OR PAINTED BLACK AND IN NO CASE BE HIGHER THAN THE SHRUBBERY INSTALLED.
- ALL PIPE EXPOSED ABOVE GRADE AND TO VIEW SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE OF THE NOTED SIZE.
- ALL IRRIGATION EQUIPMENT (PUMP, CONTROLLER, ETC.) SHALL BE PLACED WITHIN FENCED ENCLOSURE.
- ALL VALVES SHALL BE INSTALLED IN METER TYPE SIZE BOXES EQUAL TO AMETEK POLY-IRON.
- PROVIDE A 6" GRAVEL SUMP AT THE BOTTOM OF ALL METER BOXES AND INSTALL 1/2" TO 1" DIAMETER GRAVEL AT THE BOTTOM OF THE VALVE PIT.
- IRRIGATION SHALL MEET ALL APPLICABLE CURRENT MUNICIPAL, COUNTY, STATE OR FEDERAL CODES, ORDINANCES AND REGULATIONS THAT HAVE JURISDICTION.
- ALL PIPE 1/2" TO 2 1/2" IN SIZE SHALL BE PRESSURE RATED 180 PVC (EXCEPT FOR RECLAIM SYSTEM).
- ALL FITTINGS SHALL BE SCHEDULE 40 PVC (EXCEPT FOR RECLAIM SYSTEM).
- ALL SPRAY HEADS ARE TO BE A MINIMUM OF 6" POP-UP AND ALL HEADS IN PLANTING AREAS TO BE 12" POP-UP OR RISERS. RISERS SHALL BE PAINTED GREEN OR BLACK.
- SEE PIPE SIZE SCHEDULE THIS SHEET.
- ELECTRICAL TO CONTROLLER SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR (NOT IRRIGATION CONTRACTOR).

REVISIONS

DATE	DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
9/02/2014
LA533
STATE OF FLORIDA

CIVIL ENGINEERING-SURVEYING-LANDSCAPE ARCHITECTURE
265 Kenilworth Avenue • Ormond Beach • Florida 32174
Voice: 386.672.9515 • Fax: 386.673.6554 • uphaminc.com
LB # 0003612 LC # 0000357

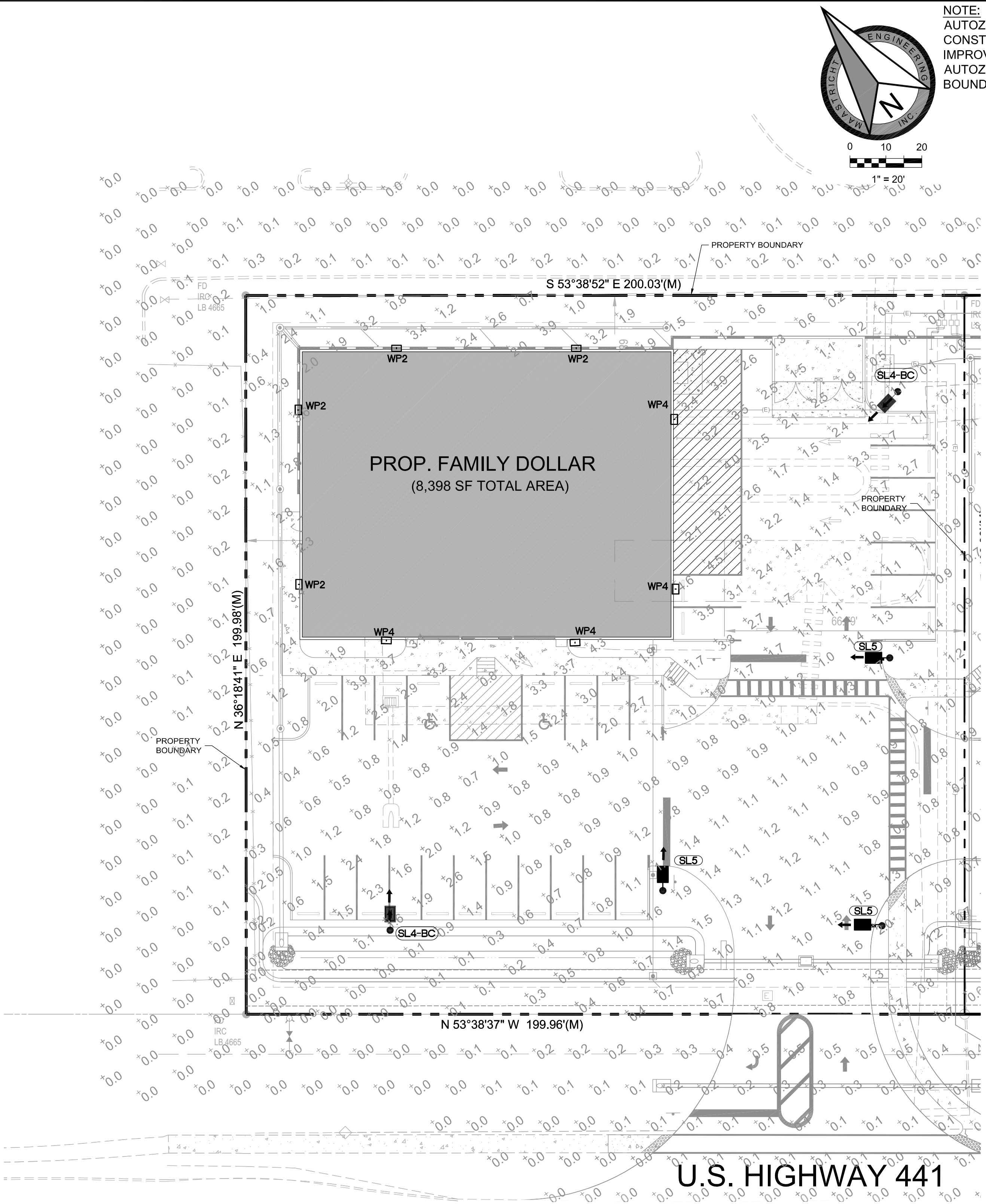
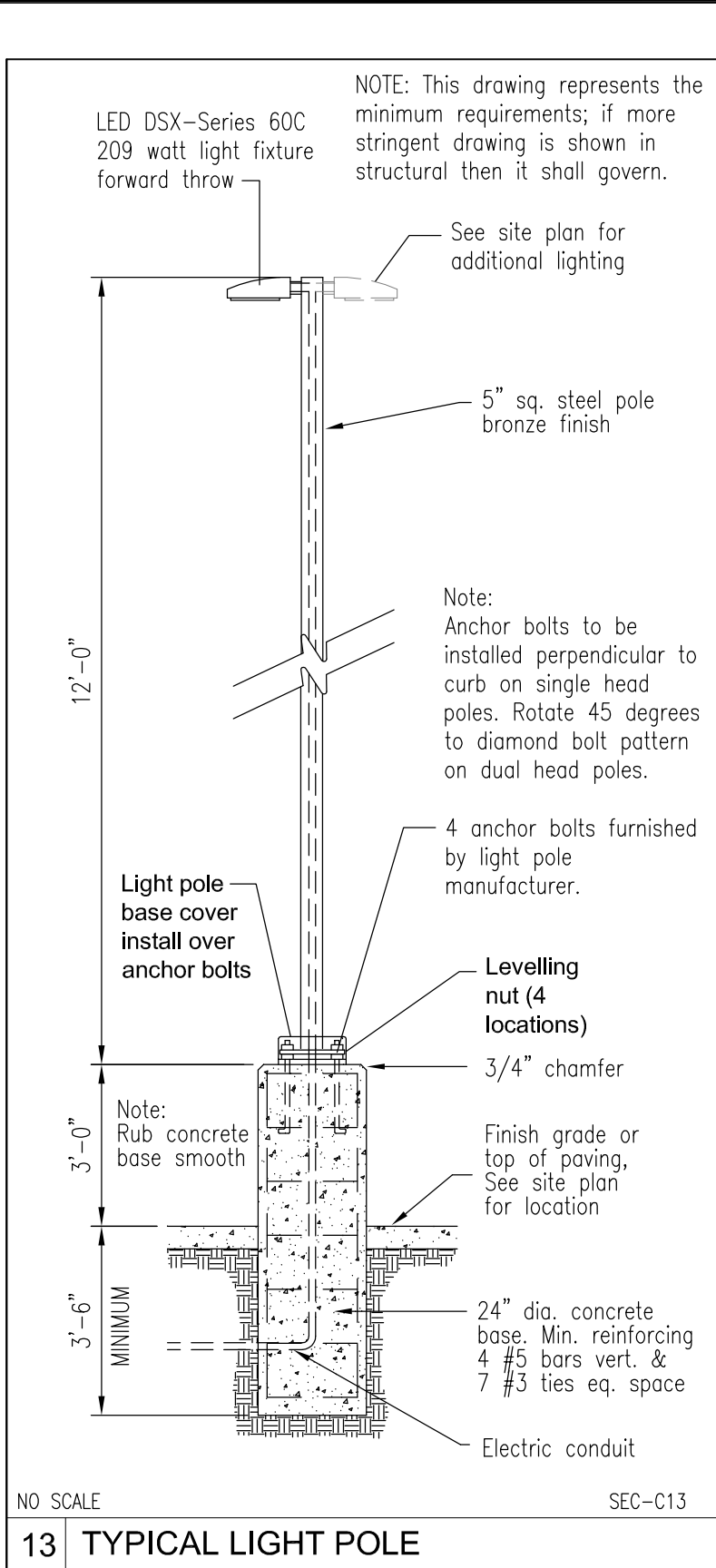
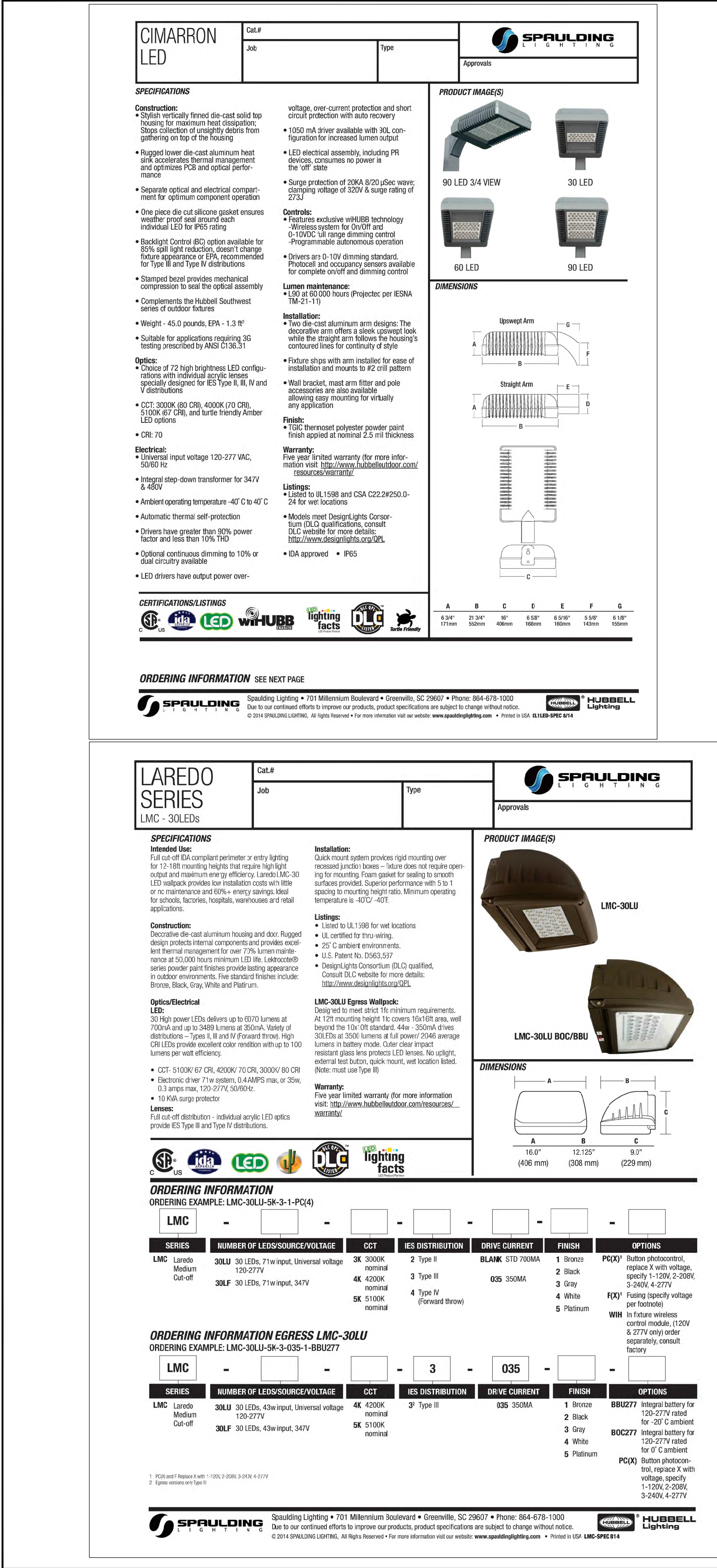
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LANDSCAPE PLAN
FAMILY DOLLAR & AUTOZONE
STORE # 4997
ALACHUA, FLORIDA

PROJECT No: 2014 - 0901
DATE:
DESIGN BY: RLP
DRAWN BY: RLP
CHECKED BY: RLP
SCALE: 1" = 20'
DRAWING NUMBER:

IR-1



Calculation Summary							
Label	Avg	Max	Min	Avg/Min	Max/Min	PtSpcLr	PtSpcTb
Parking Areas	1.43	4.5	0.5	2.86	9.00		

Luminaire Schedule									
Symbol	Label	Qty	Description	Lum. Lumens	LLF	Filename	[TEST]	Lum. Watts	Total Watts
	SL5	3	CL1-30L-5K-5W	6619	0.850	CL1-30L-5K-5W N2.ies	5966	72.9	218.7
	WP2	4	LMC-30LU-4K-2-035	3151	0.850	LMC-30LU-4K-2-035.IE	6329	34.6	138.4
	WP4	4	LMC-30LU-4K-4-070	5461	0.850	LMC-30LU-4K-4.IES	6353	72.5	290
	SL4-BC	2	CL1-30L-4K-4-BC	4882	0.850	CL1-30L-4K-4-BC N2.i	5563P	70.9	141.8

NOTE:
AUTOZONE CONTRACTOR TO
CONSTRUCT ALL
IMPROVEMENTS WITHIN THE
AUTOZONE PROPERTY
BOUNDARY ONLY

ALACHUA FAMILY DOLLAR & AUTOZONE STORE # 4997 15483 & 15535 N.W. US HWY 441, ALACHUA ALACHUA COUNTY, FLORIDA, 32615		Owner / Developer FAMILY DOLLAR 14000 ON DREXEL AVENUE 495 HIGHLAND PARK, P.O. BOX 10 EUSTON, FLORIDA, SC. 29438		Consultant:  12800 UNIVERSITY WALK SUITE 402 PORT MEYERS, FL 33956 TEL: (239) 382-6605 FAX: (239) 267-4704 WWW.MAASTRICHT-ENG.COM FBPE # 28825	
ALACHUA FAMILY DOLLAR & AUTOZONE STORE # 4997 15483 & 15535 N.W. US HWY 441, ALACHUA ALACHUA COUNTY, FLORIDA, 32615		PETER M. MAASTRICHT, P.E. FLORIDA LICENSE NUMBER: 58880		Autozone Inc. 123 South Front Street, 3rd Floor Memphis, Tennessee 38103 Tel: (901) 495-8709 Fax: (901) 495-9869	
LIGHTING PLAN - FAMILY DOLLAR					
SCALE: 1"=20"					
REVISIONS					
1. REV. PER CITY OF ALACHUA COMMENTS 9/26/14					
2.					
3.					
4.					
5.					
6.					
7.					
ARCHITECT: N/A					
DRAFTSMAN: ES					
CHECKED BY: AB					
DATE 09-03-14					
PROTOTYPE SIZE N/A					
LP-1.0					

