





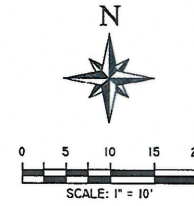
EXECUTIVE  
DIRECTOR  
APPROVAL

Date 8/26/19

By [Signature]

EXISTING SHARED DRIVE

180° SPRAY-POP UP (TYP.)



PLANT LEGEND		
SYMBOL	PLANT TYPE (SIZE)	# REQUIRED
○	WINTERGREEN BOXWOOD (3 GAL)	30
○	AZALEA (3 GAL)	16
○	CLEYERA JAPONICA (3 GAL)	40
○	PINK MUHLY GRASS (3 GAL)	10
○	INDIAN HAWTHORNE (3 GAL)	20
○	EAGLESTON HOLLY (15 GAL)	4
○	BIG BLUE LILLYTURF (1 GAL)	75
○	DWARF YAUPON (3 GAL)	13
○	VARIEGATED LIRIOPE (1 GAL)	40
○	NATCHEZ CREPE MYRTLE (30 GAL)	4
○	CARISSA HOLLY (3 GAL)	20
○	SOUTHERN DWARF MAGNOLIA (30 GAL)	5
○	RED SOFT TOUCH YUCCA (3 GAL)	35
○	RED MAPLE (30 GAL)	4
○	SHI SHI SASANQUA (3 GAL)	40
○	SAUCER MAGNOLIA (30 GAL)	3
○	DAYLILY (1 GAL)	20

IRRIGATION LEGEND

M	1" IRRIGATION METER	183	SPRAY HEAD - "POP UP"
S	1" MANUAL SHUTOFF VALVE	90	SPRAY HEAD - "POP UP"
BF	RPZ BACKFLOW PREVENTER	1800	ROTARY NOZZLE
PR	1" PRESSURE REGULATOR	1800	ROTARY NOZZLE
EV	1" ELECTRICAL MASTER VALVE	3500	SERIES ROTARY NOZZLES
LD	LANDSCAPE DRIP LINE	1"	ELECTRIC VALVE
SS	SIDE STRIP SPRAY HEAD	1"	DRIP CONTROL ZONE VALVE
ES	END STRIP SPRAY HEAD	C	AUTOMATIC CONTROLLER
360	360 SPRAY HEAD - "POP UP"	WS	WEATHER SENSOR
			4" - 6" SCH 40 PVC SLEEVE UNDER PAVEMENT
			15" IRRIGATION LINE (PVC) SCH 40
			1" IRRIGATION LINE (PVC) SCH 40
			3/4" IRRIGATION LINE (PVC) SCH 40

IRRIGATION NOTES

- IRRIGATION CONTRACTOR TO LOCATE AND PROTECT ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- ALL VALVES TO BE LOCATED IN VALVE BOX, WITH COVER AT GRADE. LOCATE BOX IN GRASS AREA WHEN POSSIBLE.
- IRRIGATION CONTROLS IN LANDSCAPED AREAS ARE TO BE ENCLOSED IN A 2X2 CONCRETE PAD.
- AUTOMATIC CONTROLLER TO BE MOUNTED IN UTILITY ROOM OR AS DETERMINED BY THE PROJECT MANAGER; SEE ARCHITECTURAL PLANS.
- WEATHER SENSOR (IF REQUIRED) TO BE LOCATED ALONG PARAPET OR AS DETERMINED BY THE PROJECT MANAGER; SEE ARCHITECTURAL PLANS. ENSURE SENSOR IS FREE FROM ANY OBSTRUCTIONS.
- 60 PSI REQUIRED PER ROTOR STATION - 40 PSI REQUIRED PER SPRAY STATION - 40 PSI REQUIRED PER DRIP STATION. ALL SPRAY AND ROTOR BODIES TO HAVE PRS (N-STEM PRESSURE REGULATION SYSTEM) AS INDICATED IN THE LEGEND. FLOW ADJUSTMENTS CAN BE MADE AT THE ZONE'S VALVE TO COMPENSATE FOR THIS DIFFERENCE IN PSI.
- PRESSURE REGULATOR REQUIRED IF STATIC WATER PRESSURE AT POINT OF CONNECTION FOR SITE IS GREATER THAN 80 PSI.
- 4" - 6" SCH 40 PVC SLEEVES ARE TO BE LOCATED AS SHOWN ON SHEET L2.1. EXTEND SLEEVE 18" BEYOND BACK OF CURB OR PAVEMENT. SLEEVES TO BE LOCATED AND EXPOSED BY THE GENERAL CONTRACTOR PRIOR TO START OF THE IRRIGATION INSTALLATION.
- ALL SHRUB BEDS ARE TO BE IRRIGATED USING DRIP LINE UNLESS OTHERWISE NOTED. 4" POP-UP HEIGHT FOR TURF ZONE ROTORS AND SPRAYS. ROTOR NOZZLE SIZE AS INDICATED ON THE IRRIGATION PLAN.
- ALL PIPES, AUTOMATIC VALVES, BACKFLOW PREVENTER, MANUAL VALVE AND METER TO BE LOCATED WITHIN PROPERTY LINES UNLESS OTHERWISE SHOWN. PIPES, VALVES, ETC. SHOWN IN COUNTY, CITY, STATE R.O.W MAY REQUIRE MAINTENANCE AGREEMENT OR INDEMNITY AGREEMENT.
- IRRIGATION METER AND BACKFLOW PREVENTER TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- BACKFLOW PREVENTER TO BE AS PER LOCAL CODE.
- MAINLINE & ALL LATERAL LINES ARE TO BE LOCATED A MINIMUM OF 3' OFF BACK OF CURB/SIDEWALK. ANY SPRAYS OR ROTORS LOCATED IN THIS AREA ARE TO BE CONNECTED USING A FLEXIBLE SWING PIPE (RAINBIRD SPX-FLEX-100).
- ALL MAINLINES TO HAVE A MINIMUM OF 18" COVER (SCH. 40).
- ALL LATERALS AND SUB-MAN PIPE TO HAVE A MINIMUM OF 12" (SCH. 40).
- NO ROCKS, BOULDERS, OR OTHER EXTRANEIOUS MATERIALS TO BE USED IN BACKFILLING TRENCHES.
- ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
- ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
- MUST USE PRODUCTS SPECIFIED ON THIS DRAWING, UNLESS OTHERWISE APPROVED.
- IRRIGATION CONTRACTOR SHALL PROVIDE AN AS-BUILT DRAWING TO THE ARCHITECT.
- IRRIGATION CONTRACTOR TO FIELD VERIFY THAT INSTALLED IRRIGATION SYSTEM PROVIDES 100% COVERAGE UPON COMPLETION OF INSTALLATION. IF SYSTEM DOES NOT PROVIDE 100% COVERAGE THE IRRIGATION CONTRACTOR SHALL REVISE SYSTEM TO PROVIDE 100% COVERAGE PRIOR TO CERTIFICATE OF OCCUPANCY.
- ALL PIPE, VALVES, DRIP, SPRAY HEADS, ROTORS, CONTROLLERS, AND WEATHER SENSORS ARE TO BE INSTALLED AS PER RAINBIRD SPECIFICATIONS. FOR ANY QUESTIONS ON RAINBIRD PRODUCTS OR INSTALLATION CALL BEN KNICKEL AT 678.644.3249
- WATER SOURCE TO BUILDING SHALL BE A 1.5" PVC WITH 1" OR 1.5" METER. MAINLINE TO BE 1.5".
- IF POP UP HEAD IS LOCATED IN SHRUB AREA, CONTRACTOR SHALL ENSURE PROPER HEIGHT OF POP UP TO PROVIDE ADEQUATE WATER COVERAGE.

**RALEY AND ASSOCIATES, INC.**  
Civil & Structural Engineering, Surveying, Planning & Consulting  
4913 Shied Road Bossier City, LA. 71111  
Phone: 318-752-9023 - Fax: 318-752-9025  
www.raleyandassociates.com



*Reginald D. Lewis*  
08/22/2019

NO.	DESCRIPTION	DATE
1	DRAINAGE	OCT. 17
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		

TACO BELL.  
1911 NORTH MARKET  
SHREVEPORT, LA. 71107



**PROPOSED  
LANDSCAPING AND  
IRRIGATION PLAN  
L1.0**

LOT DATE:

19-414-c

