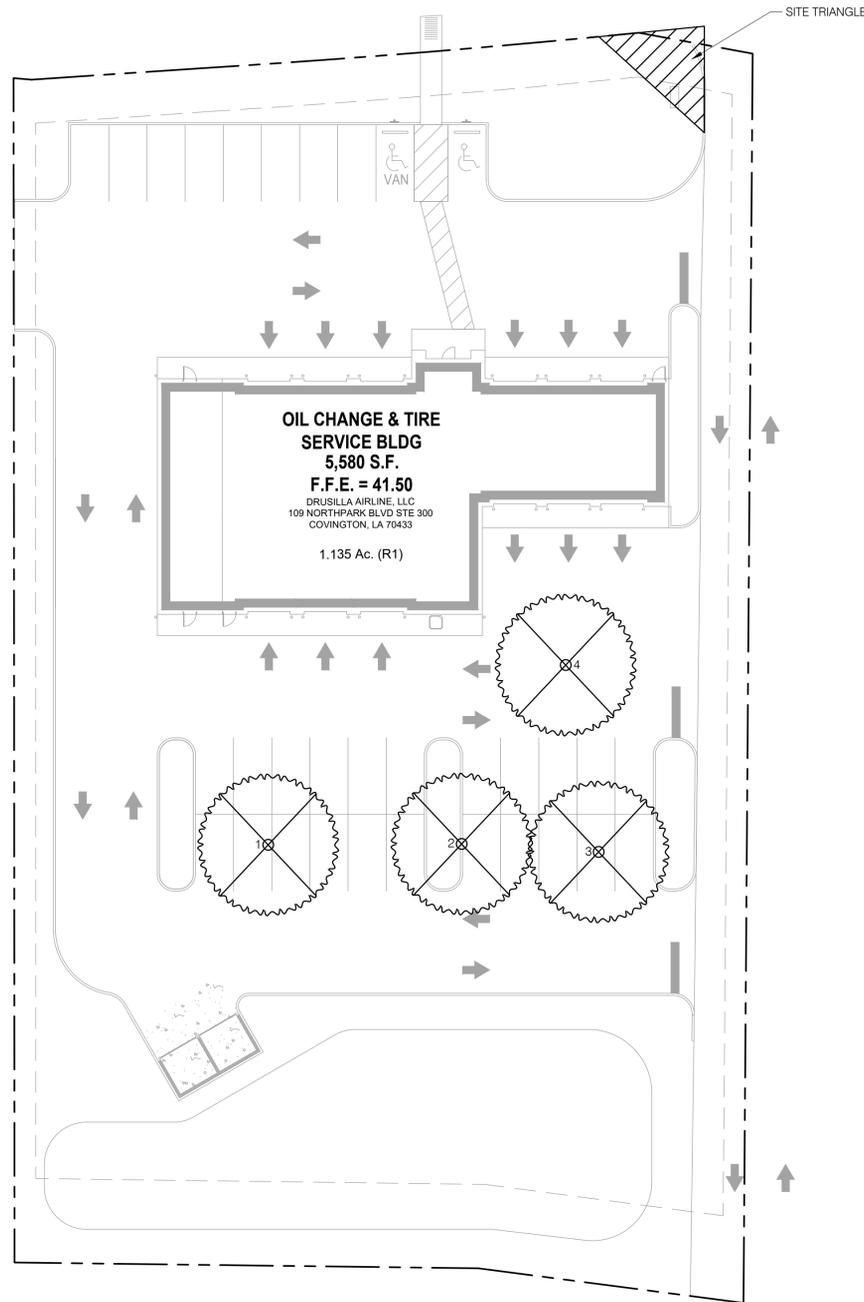


LA HWY 426  
 OLD HAMMOND HWY  
 (CONCRETE) (RIGHT OF WAY VARIES)

CITY OF BATON ROUGE TREE REMOVAL TABLE		
TREE #	TREE SPECIES	TRUNK DBH. (INCHES)
1	LIVE OAK	36
2	LIVE OAK	20
3	LIVE OAK	36
4	ELM	18

LOT A-1-A-1-A-1  
 DRUSILLA AIRLINE, LLC  
 109 NORTH PARK BLVD STE 300  
 COVINGTON, LA 70433  
 (NOT A PART)



LOT D-1-A-1  
 2023 WILLIAMS PROPERTY, LLC  
 2023 WILLIAMS BLVD  
 KENNER, LA 70062  
 (NOT A PART)

LA HWY 1068  
 DRUSILLA LANE  
 (CONCRETE) (80' RIGHT OF WAY)



**EXPRESS OIL - BATON ROUGE**

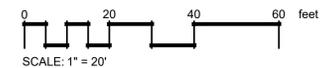
9340 OLD HAMMOND HWY  
 BATON ROUGE, LA 70809  
 EXPRESS OIL CHANGE AND TIRE ENGINEERS



16564 E. BREWSTER ROAD | SUITE 101  
 COVINGTON, LA  
 985.249.6180



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PROJECT NO. 24-1316

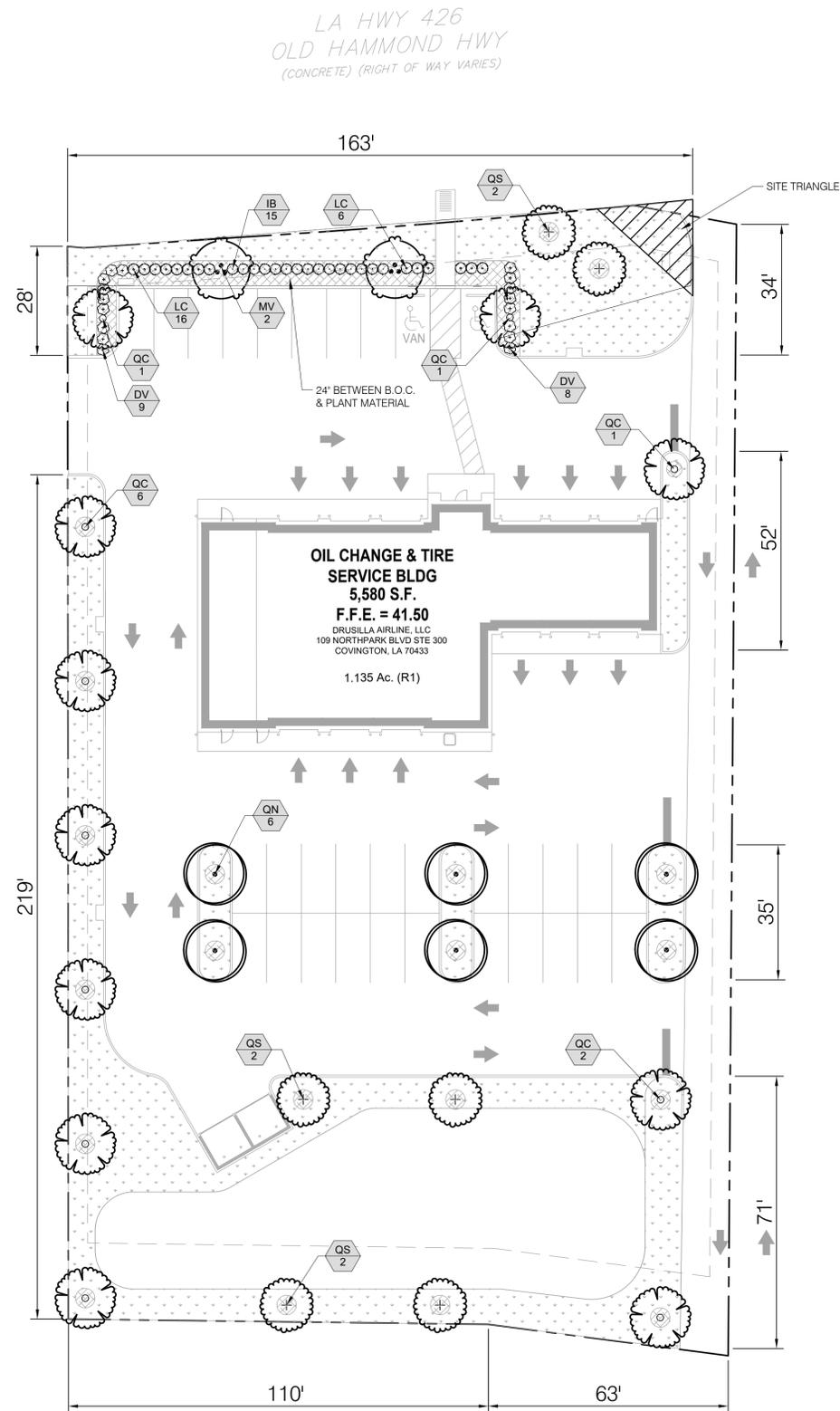
FOR PERMIT  
 10/31/2024

001 DESIGN UPDATE 12.05.24

CHECKED G.P.  
 DRAWN BY T.M.

TREE PRESERVATION PLAN

**LP-1**



LOT A-1-A-1-A-1  
DRUSILLA AIRLINE, LLC  
109 NORTH PARK BLVD STE 300  
COVINGTON, LA 70433  
(NOT A PART)

LOT D-1-A-1  
2023 WILLIAMS PROPERTY, LLC  
2023 WILLIAMS BLVD  
KENNER, LA 70062  
(NOT A PART)

LA HWY 1068  
DRUSILLA LANE  
(CONCRETE) (90° RIGHT OF WAY)

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CAL.	HT.
<b>TREES</b>						
	MV	2	Magnolia virginiana Sweetbay Magnolia CLASS A TREE	45-Gal	1' Cal./Trunk x 3 Min.	10' HT. Min.
	QN	6	Quercus nuttallii Nutfall Oak CLASS A TREE	45-Gal	2" Cal. Min.	12' HT. MIN.
	QS	6	Quercus shumardii Shumard Oak CLASS A TREE	45-Gal	2" Cal. Min.	12' HT. Min.
	QC	11	Quercus virginiana 'SDLN' TM Cathedral Live Oak CLASS A TREE	45-Gal	2" Cal. Min.	12' HT. Min.
<b>SHRUBS</b>						
	DV	17	Disyllum x 'Vintage Jade' Vintage Jade Disyllum	3-Gal	15"HT x 15"W	
	IB	15	Ilex cornuta 'Burfordii Nana' Dwarf Burford Holly	Container or B&B	36" HT. MIN.	
	LC	14	Loropetalum chinense rubrum 'Shang-hi' TM Purple Diamond Loropetalum	Container or B&B	36" HT. MIN.	
<b>GROUND COVERS</b>						
	CD	14,985 sf	Cynodon dactylon Bermudagrass			
	MULCH	1,267 sf	Hardwood Mulch			

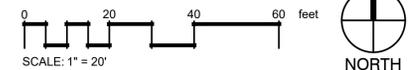
CITY OF BATON ROUGE PARISH LANDSCAPE REQUIREMENT CHART			
CHAPTER 18 - LANDSCAPE & TREES			
EXPRESS OIL CHANGE - BATON ROUGE			
ADJACENT STREET/BUFFER	STREETSCAPE/BUFFER YARD LENGTH	REQUIRED LS	PROVIDED LS
LA HIGHWAY 426	163'	CLASS A TREE / 40 LINEAR FEET & SHRUB SCREEN (36" HEIGHT PER CHAPTER 18.3.4)	(4) CLASS A TREES & PARKING LOT SHRUB SCREEN
WEST BUFFER	247'	ADJACENT PROPERTY ZONED COMMERCIAL PROPERTY - NO ADDITIONAL PLANTING REQUIRED	(6) CLASS A TREES
EAST BUFFER	192'	ADJACENT PROPERTY ZONED COMMERCIAL PROPERTY - NO ADDITIONAL PLANTING REQUIRED	(4) CLASS A TREES
SOUTH BUFFER	173'	ADJACENT PROPERTY ZONED COMMERCIAL PROPERTY - NO ADDITIONAL PLANTING REQUIRED	(4) CLASS A TREES



**EXPRESS OIL - BATON ROUGE**  
9340 OLD HAMMOND HWY  
BATON ROUGE, LA 70809  
EXPRESS OIL CHANGE AND TIRE ENGINEERS



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10/31/2024

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PLANTING PLAN

**LP-2**



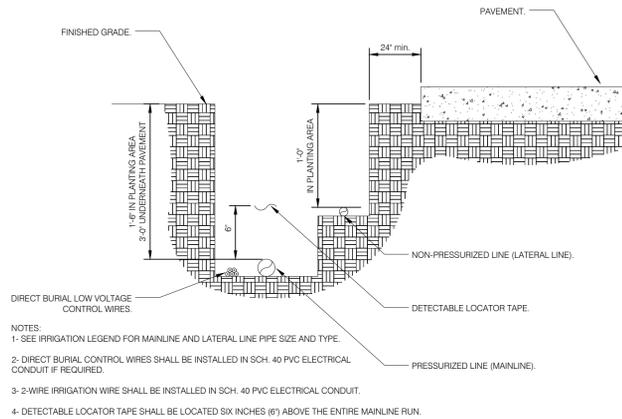


**LANDSCAPE IRRIGATION NOTES:**

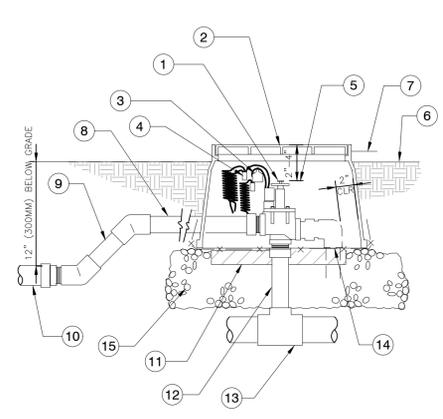
1. THE CONTRACTOR IS RESPONSIBLE FOR CALLING UNDERGROUND UTILITY LOCATE FOR IDENTIFICATION (CALL 811.COM/811 IN YOUR STATE) PRIOR TO BEGINNING ANY SUB-SURFACE WORK ACTIVITIES.
2. IRRIGATION SYSTEM DESIGNS AND INSTALLATIONS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL CODES AS WELL AS BEST MANAGEMENT PRACTICES SET FORTH BY THE IRRIGATION ASSOCIATION RECOMMENDATIONS AND CERTIFICATIONS. WORK IN THE R.O.W. SHALL CONFORM TO LOCAL AND/OR STATE HIGHWAY JURISDICTION STANDARDS AND SPECIFICATIONS.
3. IRRIGATION SYSTEMS TO BE CONNECTED TO THE POTABLE WATER SUPPLY WILL REQUIRE A DEDICATED WATER METER AND BACKFLOW PREVENTER, AS REQUIRED BY THE GOVERNING MUNICIPALITY. CONTRACTOR SHALL ENSURE THE OWNER HAS APPLIED AND PAID FOR THE INSTALLATION OF THIS EQUIPMENT PRIOR TO BEGINNING INSTALLATION OF IRRIGATION OR PLANTING OF PLANTS.
4. IRRIGATION SYSTEM SHALL BE CAPABLE OF SUPPLYING AN AVERAGE OF 1" OF WATER PER WEEK WITHIN WATERING RESTRICTIONS AS APPLICABLE. IRRIGATION SYSTEMS TO USE THE LOWEST QUALITY WATER AVAILABLE WHICH SAFELY MEETS THE WATER NEEDS OF THE SYSTEM, SUCH AS STORM WATER, RECLAIMED WATER, OR GRAY WATER WHERE FEASIBLE. DESIGNER SHALL VERIFY THE AVAILABILITY OF RE-USE WATER CURRENTLY OR IN THE FUTURE TO SPECIFY APPROPRIATE EQUIPMENT.
5. WATER OVERTHROW TO IMPERVIOUS SURFACES SHALL BE MINIMIZED. IRRIGATED AREAS SHALL UTILIZE THE MOST EFFICIENT COMBINATION OF DRIP, SPRAY, AND ROTOR SYSTEMS SPACED TO PROVIDE 100% COVERAGE. ALL PROPOSED TREES AND PALMS IN ROTOR ZONES SHALL BE IRRIGATED WITH BUBBLERS.
6. SET SPRAY HEADS 6", ROTORS 12" IN FROM THE BACK OF CURB OR 24" IN IF THE ROAD HAS NO CURB, AND 3" FROM SIDEWALKS WHERE APPLICABLE. LOCATE ALL VALVES A MINIMUM OF 36" FROM EDGE OF ANY PAVEMENT OR CONCRETE.
7. ALL PRESSURIZED PIPES UNDER ASPHALT OR CONCRETE HARDSCAPES SHALL BE WITHIN SLEEVES AS SPECIFIED. ELECTRICAL WIRES UTILIZING THE SAME SLEEVE AS IRRIGATION SHALL BE IN THEIR OWN CONDUIT.
8. THE SMALLEST DIAMETER LATERAL PIPE SHALL BE 3/8". ALL VALVES SHALL BE INSTALLED IN A PLASTIC VALVE BOX FLUSH WITH THE PROPOSED FINISH GRADE. IRRIGATION CONTROLLER SHALL BE INSTALLED PER PLAN AND TO BE VERIFIED WITH THE OWNER'S AGENT. FASTEN CONTROLLER TO WALL OR POST AT LEAST 3' ABOVE FINISH GRADE.

**CRITICAL ANALYSIS**

Generated:	2024-11-08 17:38
P.O.C. NUMBER: 01	
Water Source Information:	
<b>FLOW AVAILABLE</b>	
Water Meter Size:	1"
Flow Available:	37.5 GPM
<b>PRESSURE AVAILABLE</b>	
Static Pressure at POC:	60 PSI
Elevation Change:	5.00 ft
Service Line Size:	3"
Length of Service Line:	20 ft
Pressure Available:	58 PSI
<b>DESIGN ANALYSIS</b>	
Maximum Station Flow:	23.25 GPM
Flow Available at POC:	37.5 GPM
Residual Flow Available:	14.25 GPM
Design Pressure:	30 PSI
Friction Loss:	2.68 PSI
Fittings Loss:	0.27 PSI
Elevation Loss:	0 PSI
Loss through Valve:	6.13 PSI
Pressure Req. at Critical Station:	39.1 PSI
Loss for Fittings:	0.27 PSI
Loss for Main Line:	2.71 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	4.46 PSI
Loss for Water Meter:	3.18 PSI
Critical Station Pressure at POC:	49.7 PSI
Pressure Available:	58 PSI
Residual Pressure Available:	8.3 PSI

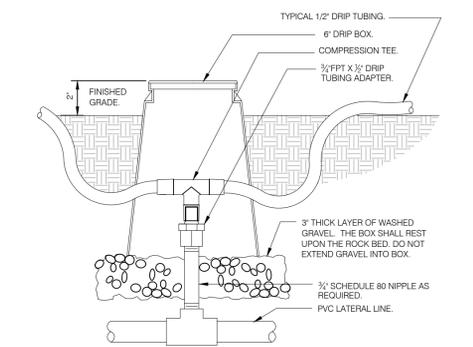


**1 IRRIGATION TRENCHING**  
1 1/2" = 1'-0"

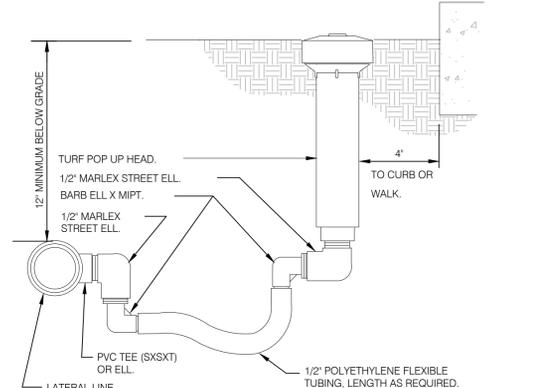


**2 REMOTE CONTROL VALVE**  
1 1/2" = 1'-0"

- 1 REMOTE CONTROL VALVE AS SPECIFIED, ONE PER BOX.
- 2 10X15 RECTANGULAR VALVE BOX.
- 3 PLASTIC I.D. TAG AT EACH VALVE.
- 4 WATER PROOF WIRE CONNECTORS ON 30° LOOPED WIRES.
- 5 2" (50MM) MINIMUM, 4" (100MM) MAXIMUM BELOW TOP OF BOX.
- 6 2" (100MM) ABOVE FINISH GRADE AT SHRUBS.
- 7 3/4" (19MM) ABOVE FINISH GRADE AT LAWN.
- 8 OUTLET PIPE SAME SIZE AS VALVE, 24" MINIMUM (300MM) TO FIRST FITTING.
- 9 45 DEGREE DOWN AS REQUIRED TO LATERAL PIPE DEPTH.
- 10 INCREASE LATERAL LINE SIZE AS PER IRRIGATION PLAN.
- 11 TWO 6X6X16 CONCRETE BLOCK CAPS, ONE EACH SIDE OF THE BOX.
- 12 SCHEDULE 80 RISER.
- 13 MAIN LINE AS OCCURS.
- 14 1/2" WIRE CLOTH GORHER SCREEN, WRAP UP SIDES.
- 15 6" (150MM) THICK LAYER OF PEA GRAVEL BASE.



**3 ZONE CONTROL**  
3" = 1'-0"



**4 TURF SPRAY FLEX ASSEMBLY**  
3" = 1'-0"



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IRRIGATION  
NOTES & DETAILS  
**IR-2**

K:\2024\ESTIMATING\DDG - EOC BATON ROUGE\011-RCI DESIGN\CONSTRUCTION\CAD FILES\2024\12\05\_DDG-EOC-BATON ROUGE\_IR.DWG