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 THESE DOCUMENTS ARE FOR PERMITTING PURPOSES ONLY AND NOT TO BE USED FOR CONSTRUCTION OR BIDDING. THEY WERE PREPARED BY, OR UNDER SUPERVISION OF:
 CHRISTOPHER E. MYERS
 38200 1/5/2024
 PE NO. DATE

COYLE ENGINEERING
 CO., INC.

3925 BENTON ROAD
 BOSSIER CITY, LOUISIANA 71171-6177
 P.O. BOX 6177
 PHONE (318) 746-8987

BIG TEX PUMP SERVICE
 SITE PLAN

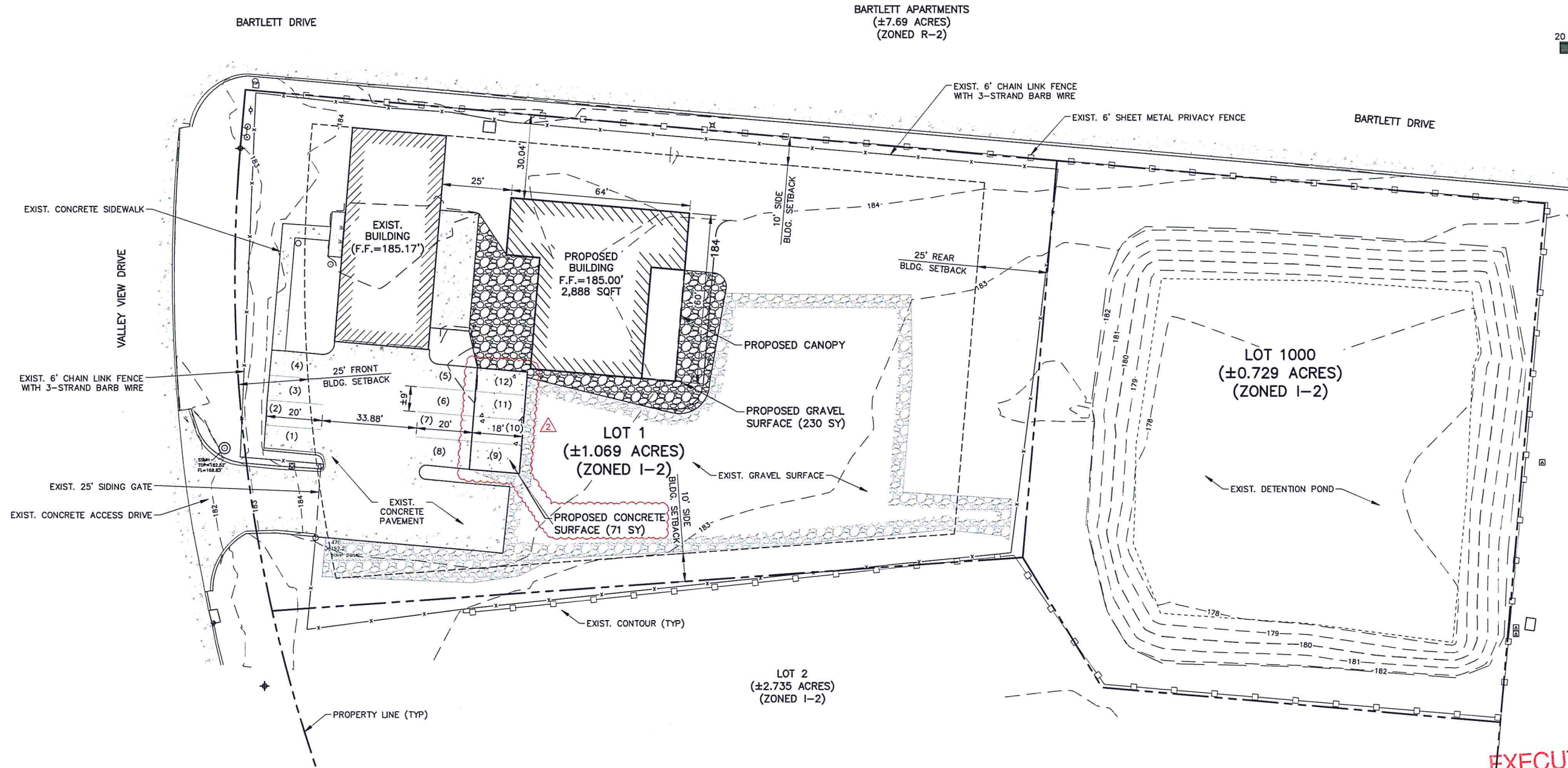
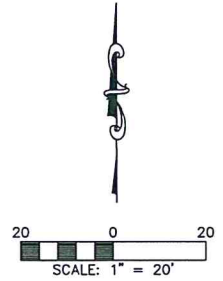
2650 VALLEY VIEW DRIVE
 SHREVEPORT, LOUISIANA 71008

PROPOSED SITE PLAN

SCALE: 1"=20'
 DATE: SEPTEMBER 2023
 DRAWN BY: CEM
 CHECKED BY: CGC
 OWNER: TJ HEAD
 PROJECT NO: 123030
 CAD NAME: PRO. PLAN
 REVISION:

2023/10/17
 2024/01/05

SHEET 2 OF 3



(A) PROPOSED SITE PLAN
 SCALE: 1"=20'

SITE PLAN NOTES:

1. FLOOD ZONE: AE
 - 1.1. BASE FLOOD ELEVATION = ±183'
2. PARKING REQUIRED:
 - 2.1. ONE SPACE PER 500 GFA (1/500 ft²)
 - 2.2. EXISTING BUILDING = 2,552 ft²
 - 2.3. PROPOSED BUILDING = 2,888 ft²
 - 2.4. TOTAL = 2,552 + 2,888 = 5,440ft²
 - 2.5. REQUIRED = 5,440 x (1/500) = 10.88 ≤ 11 SPACES
 - 2.6. PROVIDED = 12 SPACES

**EXECUTIVE
 DIRECTOR
 APPROVAL**

4-15-24
 Date By *Archie*

EXECUTIVE DIRECTOR: _____ DATE: _____



SCALE: 1" = 10' - 0"
 DATE: 3/7/24
 REV:

PLANTING PLAN

SHEET REFERENCE NUMBER
L1/1.0

BIG TEX PUMP SERVICE
 2650 VALLEY VIEW DRIVE
 SHREVEPORT, LA 71008

Precision LANDSCAPING

NATCHEZ CRAPE MYRTLE - #25
 WITH 4' TREE RING
 WITH MULCH

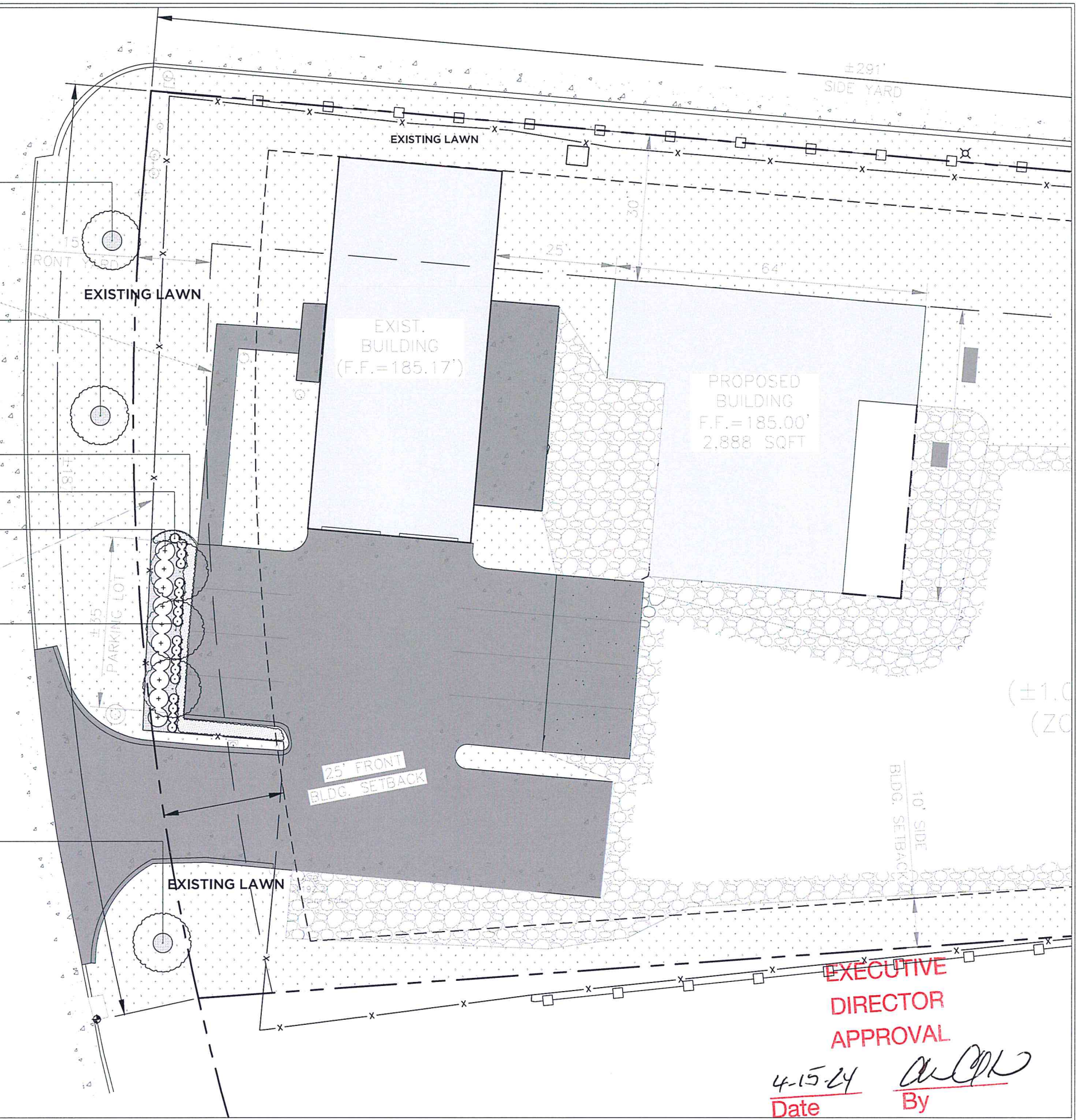
NATCHEZ CRAPE MYRTLE - #25
 WITH 4' TREE RING
 WITH MULCH

(75) AZTEC LIRIOPE - #1
 (18) CORAL DRIFT ROSE - #3
 (10) DWARF BURFORD HOLLY - #5

(3) NATCHEZ CRAPE MYRTLE - #25

NATCHEZ CRAPE MYRTLE - #25
 WITH 4' TREE RING
 WITH MULCH

PLANT SCHEDULE			
COMMON NAME	BOTANICAL NAME	SIZE	QTY.
NATCHEZ CRAPE MYRTLE	LAGERSTROEMIA X 'NATCHEZ'	#25	6
DWARF BURFORD HOLLY	ILEX CORNUTA 'BURFORDII NANA'	#5	10
CORAL DRIFT ROSE	ROSA HYBRID 'MEIDRIFORA'	#3	18
AZTEC LIRIOPE	LIRIOPE MUSCARI 'AZTEC GRASS'	#1	75



EXECUTIVE DIRECTOR APPROVAL
 4-15-24
 Date By 

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PGA Globe	1"	Turf Rotor	19.68	61.3	41.6	48.1	0.65 in/h
2	Rain Bird PGA Globe	1"	Turf Spray	20.54	58.9	36.4	43.5	1.58 in/h
3	Rain Bird PGA Globe Common Wire	1"	Shrub Spray	7.86	61.2	36.2	40.4	1.68 in/h

NOZZLE SCHEDULE

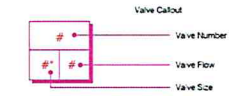
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15	Rain Bird 1804 10H	4
16	Rain Bird 1804 10Q	1
17	Rain Bird 1804 12H	4
18	Rain Bird 1804 12Q	2
19	Rain Bird 1804 10V	1
20	Rain Bird 1804 18V	5
21	Rain Bird 1812 15EST	2
22	Rain Bird 1812 08H	3
23	Rain Bird 1812 08Q	1
24	Rain Bird 1812 10H	3
25	Rain Bird 1812 10Q	1
26	Rain Bird 1812 08V	1
27	Rain Bird 1812 10V	1

CRITICAL ANALYSIS

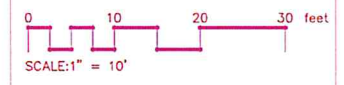
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 P.O.C. NUMBER: 01
 Water Source Information:
 FLOW AVAILABLE
 Water Meter Size: 1"
 Flow Available: 37.5 GPM
 PRESSURE AVAILABLE
 Static Pressure at POC: 80 PSI
 Elevation Change: 5.00 ft
 Service Line Size: 2"
 Length of Service Line: 10 ft
 Pressure Available: 78 PSI
 DESIGN ANALYSIS
 Maximum Station Flow: 20.54 GPM
 Flow Available at POC: 37.5 GPM
 Residual Flow Available: 16.96 GPM
 Critical Station: 1
 Design Pressure: 35 PSI
 Friction Loss: 0.5 PSI
 Fittings Loss: 0.05 PSI
 Elevation Loss: 0 PSI
 Loss through Valve: 6 PSI
 Pressure Req. at Critical Station: 41.6 PSI
 Loss for Fittings: 0 PSI
 Loss for Main Line: 0.17 PSI
 Loss for POC to Valve Elevation: 0 PSI
 Loss for Backflow: 4.28 PSI
 Loss for Water Meter: 2.14 PSI
 Critical Station Pressure at POC: 48.1 PSI
 Pressure Available: 78 PSI
 Residual Pressure Available: 29.9 PSI

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
15	Rain Bird 5004-PL-PC 1.5 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable to Full Circle, Standard Angle Nozzle and Flow Shut-Off Device.	12
10	Rain Bird 5004-PL-PC-LA 1.0 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable to Full Circle, Low Angle Nozzle and Flow Shut-Off Device.	4
1	Rain Bird PGA Globe 1" 1in., 1-1/2in., 2in. Electric Remote Control Valve, Globe.	3
BF	Zurn 720A 1" Pressure Vacuum Breaker	1
C	Rain Bird ESP4ME3 4 Station, Hybrid Modular Outdoor Controller, For Residential or Light Commercial Use. LNK WIFI Module and Flow Sensor Ready.	1
WR2	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, Includes 1 receiver and 1 rain/freeze sensor transmitter.	1
M	Water Meter 1"	1
---	Irrigation Lateral Line: PVC Class 200 SDR 21 1"	713.9 l.f.
---	Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/2"	12.7 l.f.
---	Irrigation Mainline: PVC Class 200 SDR 21 1 1/2"	56.2 l.f.
---	Pipe Sleeve: PVC Schedule 40 2"	5.6 l.f.



General Notes



- Irrigation Notes**
- 1.) This irrigation plan is for estimation and planning purposes only and is not to be taken as a guarantee.
 - 2.) The irrigation system is designed assuming the PSI stated in the critical analysis to be available at the points of connection.
 - 3.) The irrigation equipment and design and are schematic in nature. The contractor is responsible for adjusting for conditions on site which may or may not be reflected in this plan (utilities, slopes, etc)

No.	Revision/Issue	Date

Firm Name and Address
 Keeling Company
 4227 E. 43rd St
 North Little Rock, AR 72117

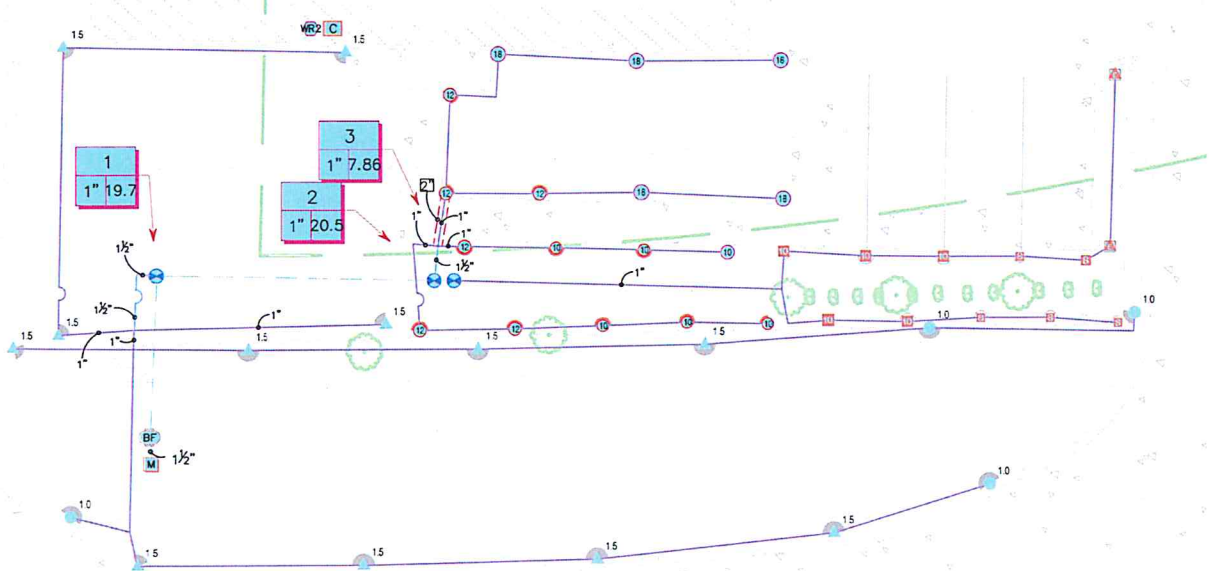
Michael Reid

Project Name and Address
 2650 Valley View Rd
 Shreveport, LA
 Revision 3-4-2024
 Revision 3-25-2024 - No Bubblers

Project	Sheet
2650 Valley View	IR1
Date 3-25-2024	
Scale 1"=10'	

**EXECUTIVE
 DIRECTOR
 APPROVAL**

4-15-24
 Date By *ARL*



JACO

ENGINEERING

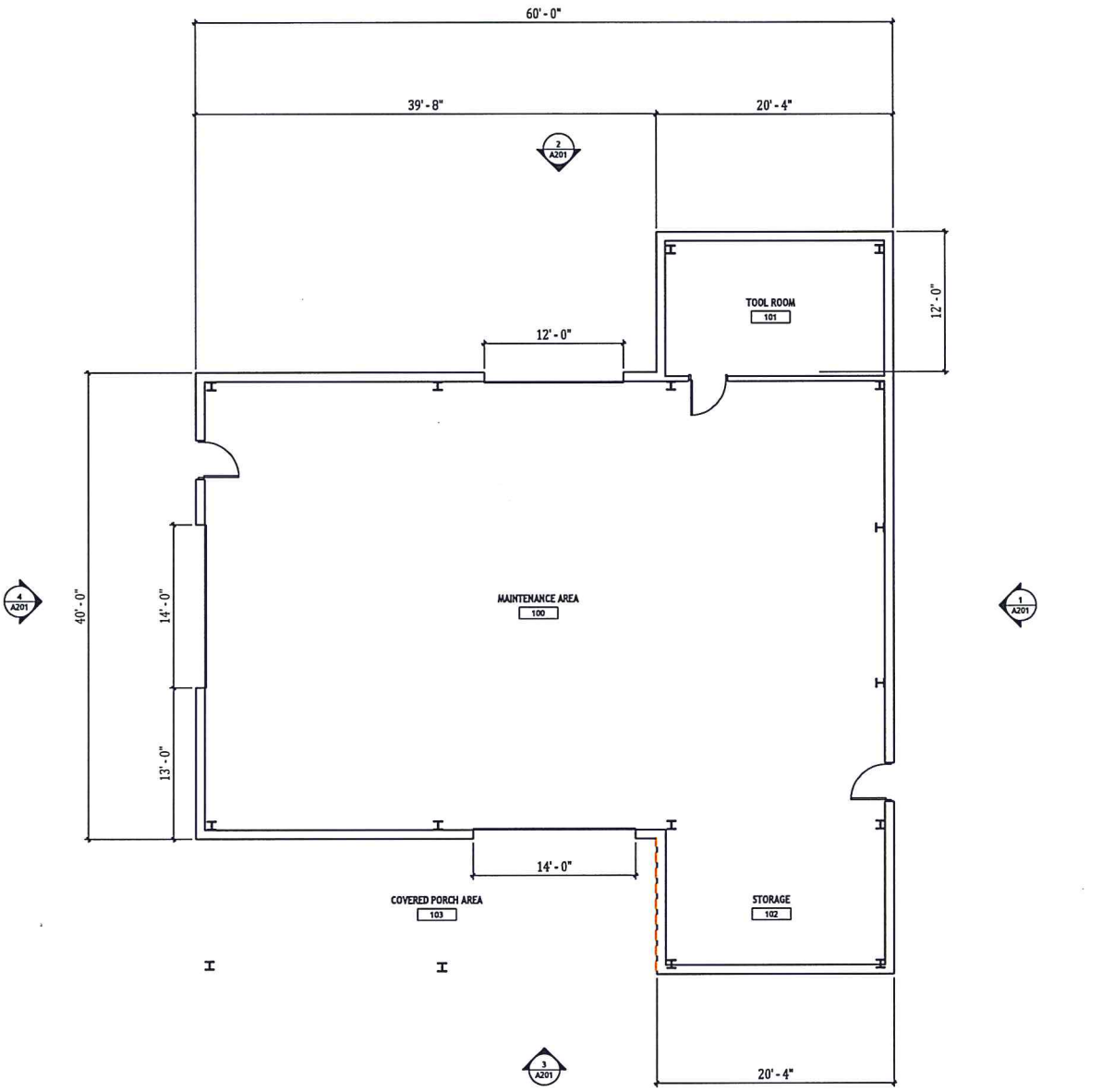
WWW.JACO-USA.COM

OWNER: RICHARD SILVA - 2650 VALLEY VIEW DRIVE,
SHREVEPORT, LA 71108

CONTRACTOR: TOMMY J HEAD - 771 BOBCAU
STATION ROAD, HAUGHTON, LA 71037

ENGINEER: JACO ENGINEERING, LLC.
ADDRESS: 3625 MOUNTAIN SPRINGS RD, CABOT, AR 72023
PHONE: 501-690-4200

PROJECT ADDRESS: 2650 VALLEY VIEW DRIVE,
SHREVEPORT, LA 71108



EXECUTIVE
DIRECTOR
APPROVAL

4-15-24
Date

[Signature]
By

1 FLOOR PLAN
3/16" = 1'-0"

No.	Description	Date

BIG TEX PUMPS

FLOOR PLAN

Project Number: 2023-35
Date: 10.20.23
Drawn By: JP

A101

Scale: 3/16" = 1'-0"

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ENGINEERING

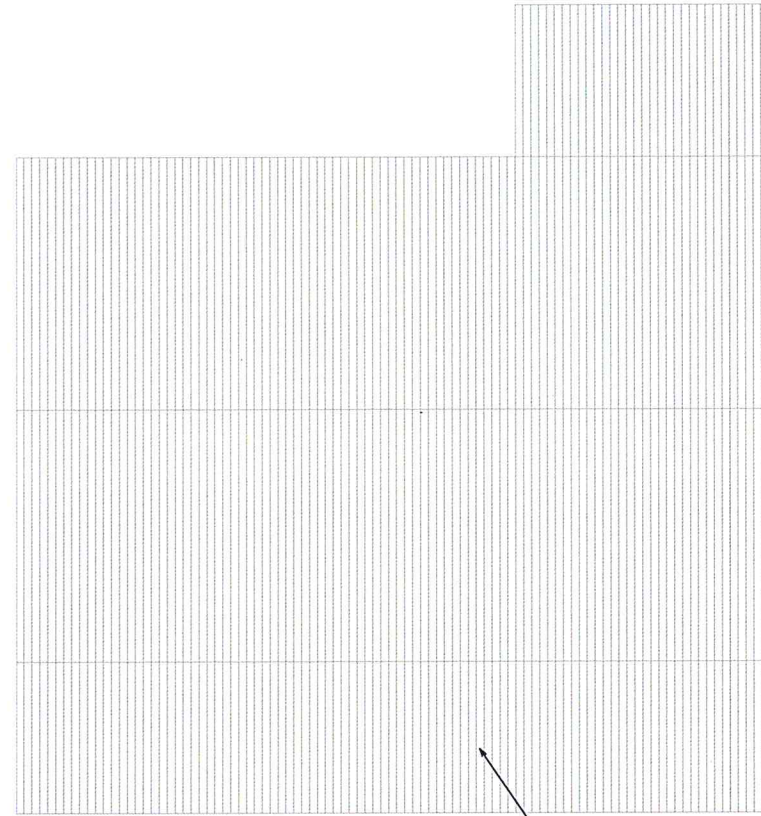
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OWNER: RICHARD SILVA - 2650 VALLEY VIEW DRIVE,
SHREVEPORT, LA 71108

CONTRACTOR: TOMMY J HEAD - 771 BOSCAU
STATION ROAD, HAUGHTON, LA 71037

ENGINEER: JACO ENGINEERING, LLC.
ADDRESS: 3625 MOUNTAIN SPRINGS RD, CABOT, AR 72023
PHONE: 501-690-4200

PROJECT ADDRESS: 2650 VALLEY VIEW DRIVE,
SHREVEPORT, LA 71108



26 GA. 12\"/>

EXECUTIVE
DIRECTOR
APPROVAL

4-15-24
Date By

① ROOF PLAN
3/16" = 1'-0"

No.	Description	Date

BIG TEX PUMPS
ROOF PLAN

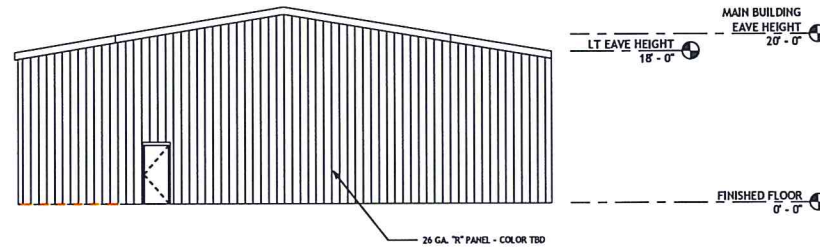
Project Number 2023-35
Date 10.20.23
Drawn By Author

A102

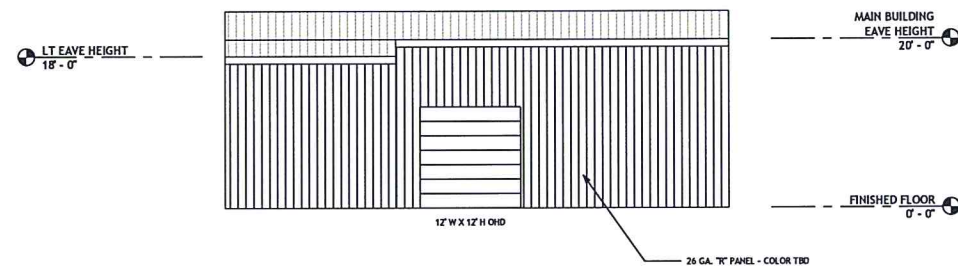
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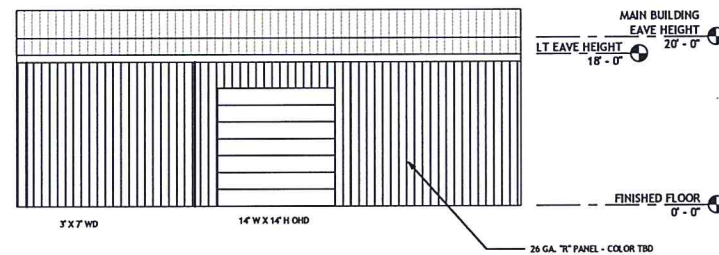
OWNER: RICHARD SILVA - 2650 VALLEY VIEW DRIVE, SHREVEPORT, LA 71108
 CONTRACTOR: TOMMY J HEAD - 771 BORCAU STATION ROAD, HAUGHTON, LA 71037
 ENGINEER: JACO ENGINEERING, LLC.
 ADDRESS: 3625 MOUNTAIN SPRINGS RD, CABOT, AR 72023
 PHONE: 501-690-4200
 PROJECT ADDRESS: 2650 VALLEY VIEW DRIVE, SHREVEPORT, LA 71108



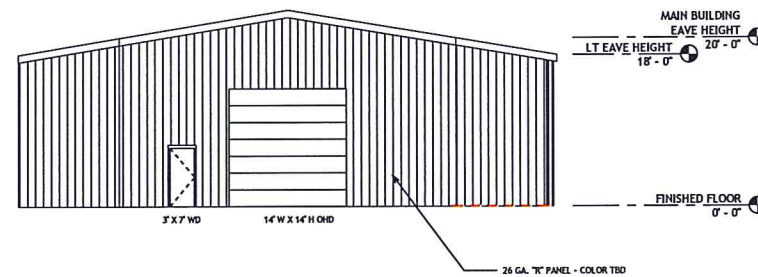
1 East Architectural Building Elevation
1/8" = 1'-0"



2 North Architectural Building Elevation
1/8" = 1'-0"



3 South Architectural Building Elevation
1/8" = 1'-0"



4 West Architectural Building Elevation
1/8" = 1'-0"

EXECUTIVE DIRECTOR APPROVAL
 4-15-24 Date By *[Signature]*

No.	Description	Date

BIG TEX PUMPS

Architectural Building Elevations

Project Number 2023-35
 Date 10.20.23
 Drawn By Author

A201

Scale 1/8" = 1'-0"