Friday, December 22, 2023

Abby Martinez LJA Engineering, Inc 3600 West Sam Houston Parkway Suite 600 Houston, TX 77042 Email: <u>amartinez@lja.com</u>

Re: Caldwell Lakes Section 4 Preliminary Plat Letter of Recommendation to Approve COIC Project No. 3349 Adico, LLC Project No. 16007-2-343

Dear Ms. Martinez:

On behalf of the City of Iowa Colony, Adico, LLC has reviewed the second submittal for Caldwell Lakes Section 4 Preliminary Plat received on or about December 21, 2023. The review of the plat is based on the City of Iowa Colony Subdivision Ordinance dated August 2002 and as amended.

ADICO

ISULTING ENGINE

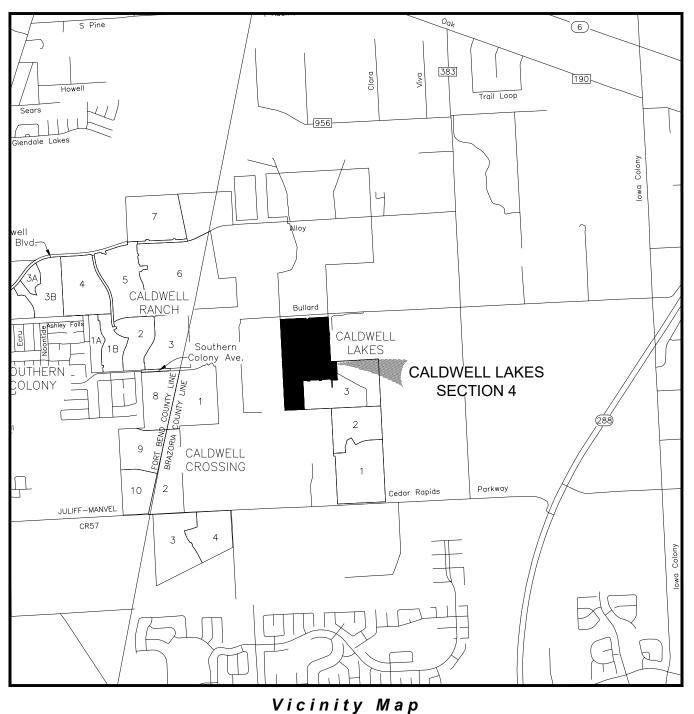
Based on our review, we have no objections to the plat as resubmitted on December 21, 2023. Please provide Kayleen Rosser, City Secretary, ten (10) folded prints of the plat by no later than December 27, 2023, for consideration at the January 2, 2023, Planning and Zoning meeting.

Should you have any questions, please do not hesitate to call our office.

Sincerely, Adico, LLC

TBPE Firm No. 16423

Cc: Kayleen Rosser, COIC Robert Hemminger, COIC



1 inch = 1/2 mile

	LINE TABLE				
LINE	BEARING DISTANCE				
L1	N 87°04'31" E	60.00'			
L2	N 86°48'25" E	160.53'			
L3	S 87°22'47" W	120.00'			
L4	N 02°37'13" W	2.49'			
L5	S 87°22'47" W	60.00'			
L6	S 86°49'17" W	60.00'			
L7	S 86°49'17" W	60.00'			
L8	N 47°55'29" W	14.14'			
L9	N 48°02'47" W	1.69'			
L10	S 41°57'13" W	1.45'			
L11	N 41°27'45" W	3.86'			
L12	N 42°04'31" E	14.14'			
L13	N 48°32'15" E	9.20'			
L14	S 41°57'13" W	1.45'			
L15	N 02°37'13" W	55.00'			
L16	N 02°37'13" W	55.00'			
L17	N 42°04'31" E	1.57'			
L18	S 47°55'29" E	1.57'			
L19	N 47°55'29"W	14.14'			
L20	S 42°04'31" W	14.14'			
L21	N 41°49'54" E	14.14'			
L22	N 48'10'06" W	14.14'			
L23	S 87°04'31" W	99.87'			

CURVE TABLE						
CURVE	RADIUS	DELTA	ARC	CHORD BEARING	CHORD	
C1	30.00'	90°00'00"	47.12 '	S 47°55'29" E	42.43'	
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TOTAL	22.572	983,257			

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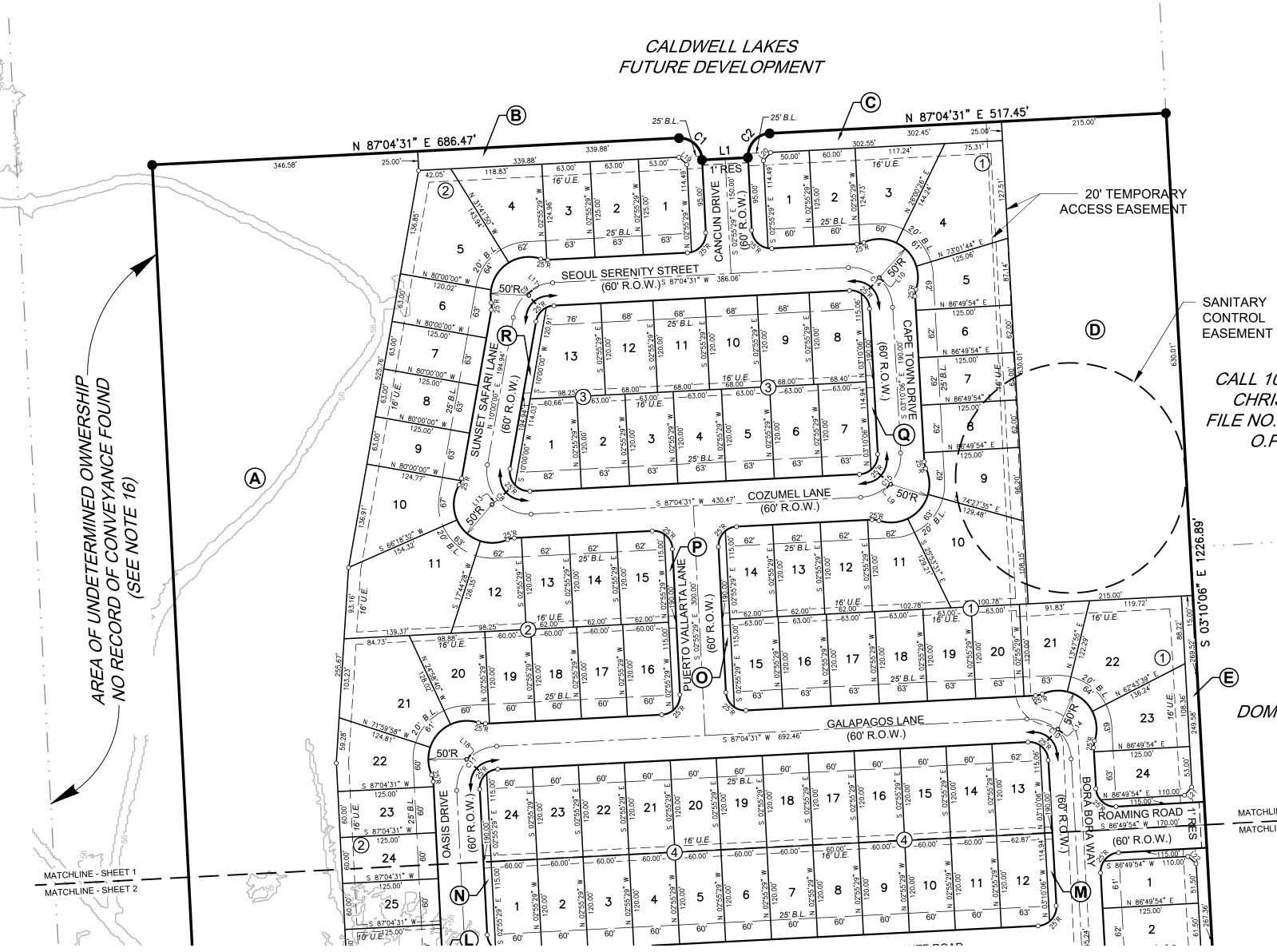
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IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND NEITHER LJA ENGINEERING, INC., NOR ANY OF ITS OFFICERS, OR DIRECTORS, OR

EMPLOYEES MAKE ANY OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED CONCERNING THE DESIGN, LOCATION, QUALITY,

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ARE CONCEPTUAL AND BASED SOLELY ON THE LOCATION OF THE PROPOSED DRY UTILITY EASEMENTS LOCATED IN THE LOTS.



GENERAL NOTES:

APPROVEED, ADICO, LLC, 12222023

- 1. THE COORDINATES SHOWN HEREON ARE TEXAS SOUTH CENTRAL ZONE NO. 4204 STATE PLANE GRID COORDINATES (NAD 83) AND MAY BE BROUGHT TO SURFACE BY APPLYING THE FOLLOWING SCALE FACTOR 0.99986724707.
- 2. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, BRAZORIA COUNTY, TEXAS, COMMUNITY PANEL NO. 48039C0105K DECEMBER 30, 2020 THE PROPERTY DOES NOT LIE WITHIN A FLOOD ZONE.
- 2.1. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THE LOCATION OF THE FLOOD ZONE WAS DETERMINED BY SCALING FROM SAID FEMA MAP. THE ACTUAL LOCATION, AS DETERMINED BY ELEVATION CONTOURS, MAY DIFFER.
- 3. T.B.M. INDICATES TEMPORARY BENCHMARK: TBM-171: 5/8 INCH IRON ROD SET.
- 4. ELEVATION = 59.26', NAVD 88, GEOID 18,
- 5. THE PROPERTY SUBDIVIDED IN THE FOREGOING PLAT LIES IN BRAZORIA COUNTY AND THE CITY OF IOWA COLONY, BRAZORIA COUNTY MUD 87, AND BRAZORIA DRAINAGE DISTRICT NO. 5. 6. PROPERTY WITHIN THE BOUNDARIES OF THIS PLAT AND ADJACENT TO ANY DRAINAGE EASEMENT, DITCH, GULLY, CREEK, OR NATURAL DRAINAGE WAY SHALL HEREBY BE
- RESTRICTED TO KEEP SUCH DRAINAGE WAYS AND EASEMENTS CLEAR OF FENCES BUILDINGS, PLANTINGS, AND OTHER OBSTRUCTIONS. 7. CONTOUR LINES SHOWN HEREON ARE BASED ON THE NGS BENCHMARK E 306 BEING NOTED HEREON.
- 8. THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT. 9. THE APPROVAL OF THE PRELIMINARY PLAT SHALL EXPIRE TWELVE (12) MONTHS AFTER CITY COUNCIL APPROVAL UNLESS THE FINAL PLAT HAS BEEN SUBMITTED FOR FINAL APPROVAL DURING THAT TIME. AN EXTENSION OF TIME MAY BE GIVEN AT THE DISCRETION OF THE CITY COUNCIL FOR A SINGLE EXTENSION PERIOD OF SIX (6) MONTHS.
- 10. DRAINAGE PLANS TO BE PROVIDED PRIOR TO FINAL PLAT SUBMITTAL. 11. ONE FOOT RESERVE DEDICATED TO THE PUBLIC IN FEE AS A BUFFER SEPARATION BETWEEN THE SIDE OR ENDS OF STREETS WHERE SUCH STREETS ABUT ADJACENT PROPERTY, THE CONDITION OF SUCH DEDICATION BEING THAT WHEN THE ADJACENT IS SUBDIVIDED RO RE-SUBDIVIDED IN A RECORD PLAT THE ONE FOR RESERVE SHALL HEREUPON BECOME VESTED IN THE PUBLIC FOR STREET RIGHT-OF-WAY PURPOSES AND THE FEE TITLE THERE SHALL REVERT TO AND REVEST IN THE DEDICATOR, HIS HEIRS,
- ASSIGNS, OR SUCCESSORS. 12. OWNERS DO HEREBY CERTIFY THAT THEY ARE OWNERS OF ALL PROPERTY IMMEDIATELY ADJACENT TO THE BOUNDARIES OF THE ABOVE AND FOREGOING SUBDIVISION OF (NAME AND SECTION) WHERE BUILDING SETBACK LINES OR PUBLIC UTILITY EASEMENTS ARE TO BE ESTABLISHED OUTSIDE THE BOUNDARIES OF THE ABOVE AND FOREGOING SUBDIVISION AND DO HEREBY MAKE AND ESTABLISH ALL BUILDING SETBACK LINES AND DEDICATE TO THE USE OF THE PUBLIC, ALL PUBLIC UTILITY EASEMENTS SHOWN IN SAID ADJACENT ACREAGE.
- 13. ALL STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S DESIGN CRITERIA.
- 14. ALL WATER AND WASTEWATER FACILITIES SHALL CONFORM TO THE CITY'S DESIGN CRITERIA. 15. THIS PLAT IS IN ACCORDANCE WITH THE DEVELOPMENT AGREEMENT APPROVED BY CITY COUNCIL ON MAY 23, 2022 BETWEEN CITY OF IOWA COLONY; 258 COLONY
- INVESTMENTS, LTD.; 608 COLONY INVESTMENTS, LTD.; AND D.R. HORTON. 16. PER DOCUMENT NUMBER 2000028088, THE 54.8680 ACRE TRACT CONVEYED TO BAYOU RIFLES, INC. APPEARS TP BE 575-FEET (207 VARAS) WIDE, WHICH WOULD BE SHORT OF THE EASTERLY LINE OF THE CANCELLED A.B. LANGERMANN PATENT. THE TRACT IS FENCED AND OCCUPIED BY BAYOU RIFLES UP TO THE EASTERLY LINE OF THE CANCELED A.B. LANGERMANN PATENT, BUT SURVEYOR COULD FIND NO EVIDENCE OF A RECORD DOCUMENT CONVEYING THE PORTION OF THE TRACT BETWEEN THE EASTERLY LINE OF
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- 18. FURTHER, OWNERS HAVE DEDICATED AND BY THESE PRESENT DO DEDICATE TO THE USE OF THE PUBLIC FOR PUBLIC UTILITY PURPOSES FOREVER UNOBSTRUCTED AERIAL EASEMENTS. THE AERIAL EASEMENTS SHALL EXTEND HORIZONTALLY AN ADDITIONAL TEN FEET (10' 0") FOR TEN FEET (10' 0") BACK-TO-BACK GROUND EASEMENTS, OR EIGHT FEET (8' 0") FOR FOURTEEN FEET (14' 0") BACK-TO-BACK GROUND EASEMENTS OR SEVEN FEET (7' 0") FOR SIXTEEN FEET (16' 0") BACK-TO-BACK GROUND EASEMENTS, FROM A PLANE SIXTEEN FEET (16' 0") ABOVE GROUND LEVEL UPWARD, LOCATED ADJACENT TO BOTH SIDES AND ADJOINING SAID PUBLIC UTILITY EASEMENTS THAT ARE DESIGNATED WITH AERIAL EASEMENTS (U.E. AND A.E.) AS INDICATED AND DEPICTED HEREON, WHEREBY EACH AERIAL EASEMENT TOTALS THIRTY FEET (30' 0") IN WIDTH

LEGEND

- RES. INDICATES RESERVE
- B.L. INDICATES BUILDING LINE
- U.E. INDICATES UTILITY EASEMENT
- O.P.R.B.C. INDICATES OFFICIAL PUBLIC RECORDS OF BRAZORIA COUNTY R.O.W. INDICATES RIGHT-OF-WAY
- DOC NO. INDICATES DOCUMENT NUMBER
- INDICATES STREETNAME CHANGE

CALL 10.00 ACRES CHRISTY NGO FILE NO. 2020011424 O.P.R.B.C.

. ____

CALL 29.88 ACRES DOMINIC JOSEPH MAGNABOSCO FILE NO. 2020035285 O.P.R.B.C.

MATCHLINE - SHEET 1 MATCHLINE - SHEET 2

A PRELIMINARY PLAT OF CALDWELL LAKES SECTION 4

±63.8 ACRES 168 LOTS (60' x 120' TYP.) AND **18 RESTRICTED RESERVES IN 7 BLOCKS**

OUT OF THE WILLIAM PETTUS SURVEY, A-714 CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS

OWNER:

D.R. HORTON 6744 HORTON VISTA DR. RICHMOND, TX 77407 281-566-2100 PLANNER:



Houston, Texas 77042 713.953.5200 ENGINEER:

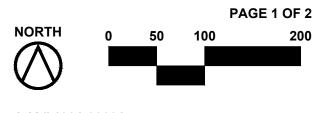
LJA Engineering, Inc. 1904 W. Grand Parkway North Suite 100 Katy, Texas 77449

Phone 713.953.5200 Fax 713.953.5026

FRN-F-1386

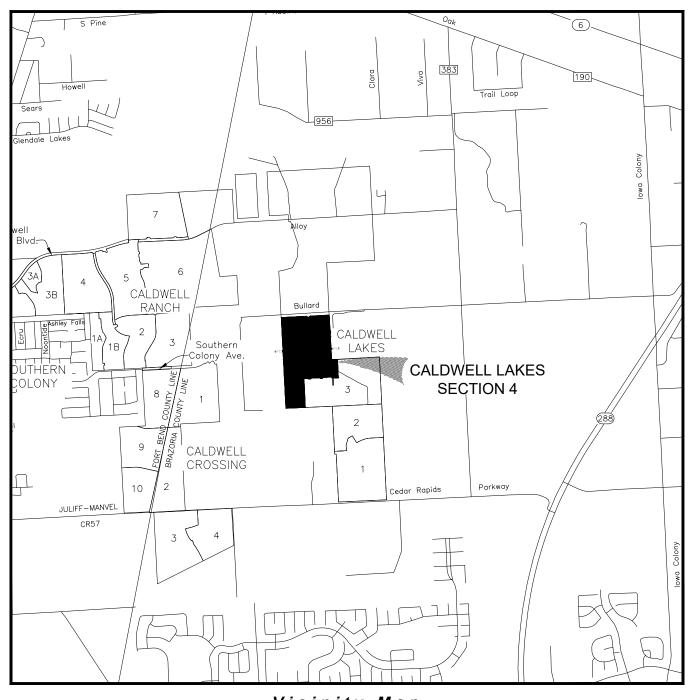
SURVEYOR:

LJA Surveying, Inc. 3600 W Sam Houston Pwky S Suite 600 Fax 713.953.5026 Houston, Texas 77042 T.B.P.L.S. Firm No. 10194382



LJA# 1931-33001

12.21.2023



Vicinity Map 1 inch = 1/2 mile

	LINE TABLE				
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L1	N 87°04'31" E	60.00'			
L2	N 86°48'25" E	160.53'			
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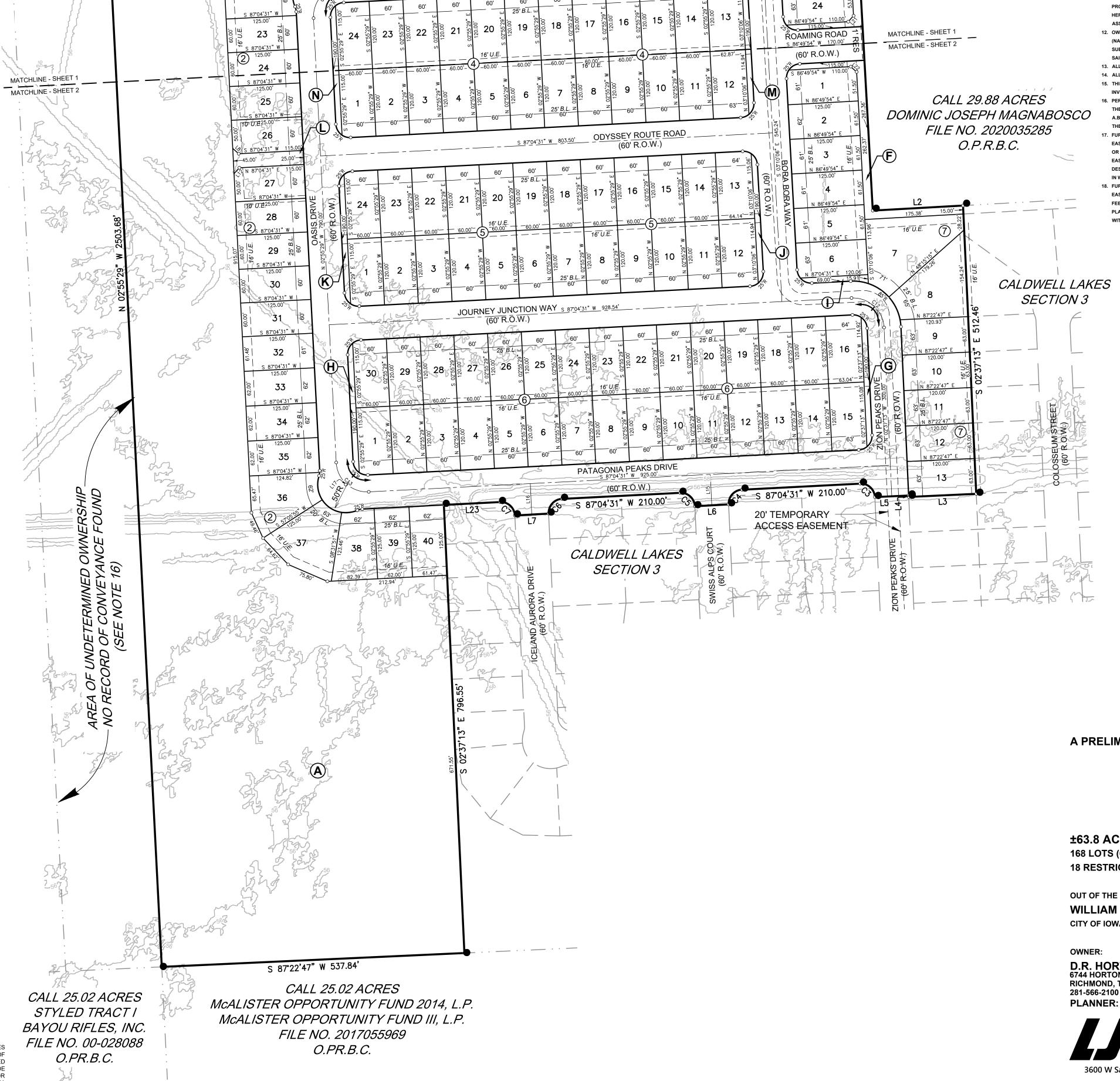
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- 1. THE COORDINATES SHOWN HEREON ARE TEXAS SOUTH CENTRAL ZONE NO. 4204 STATE PLANE GRID COORDINATES (NAD 83) AND MAY BE BROUGHT TO SURFACE BY APPLYING THE FOLLOWING SCALE FACTOR 0.99986724707.
- 2. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, BRAZORIA COUNTY, TEXAS, COMMUNITY PANEL NO. 48039C0105K DECEMBER 30, 2020 THE PROPERTY DOES NOT LIE WITHIN A FLOOD ZONE. 2.1. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS
- FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THE LOCATION OF THE FLOOD ZONE WAS DETERMINED BY SCALING FROM SAID FEMA MAP. THE ACTUAL LOCATION, AS DETERMINED BY ELEVATION CONTOURS, MAY DIFFER.
- 3. T.B.M. INDICATES TEMPORARY BENCHMARK: TBM-171: 5/8 INCH IRON ROD SET.
- 4. ELEVATION = 59.26', NAVD 88, GEOID 18.
- 5. THE PROPERTY SUBDIVIDED IN THE FOREGOING PLAT LIES IN BRAZORIA COUNTY AND THE CITY OF IOWA COLONY, BRAZORIA COUNTY MUD 87, AND BRAZORIA DRAINAGE DISTRICT NO. 5. 6. PROPERTY WITHIN THE BOUNDARIES OF THIS PLAT AND ADJACENT TO ANY DRAINAGE EASEMENT, DITCH, GULLY, CREEK, OR NATURAL DRAINAGE WAY SHALL HEREBY BE
- RESTRICTED TO KEEP SUCH DRAINAGE WAYS AND EASEMENTS CLEAR OF FENCES BUILDINGS, PLANTINGS, AND OTHER OBSTRUCTIONS. 7. CONTOUR LINES SHOWN HEREON ARE BASED ON THE NGS BENCHMARK E 306 BEING NOTED HEREON.
- 8. THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT. 9. THE APPROVAL OF THE PRELIMINARY PLAT SHALL EXPIRE TWELVE (12) MONTHS AFTER CITY COUNCIL APPROVAL UNLESS THE FINAL PLAT HAS BEEN SUBMITTED FOR FINAL APPROVAL DURING THAT TIME. AN EXTENSION OF TIME MAY BE GIVEN AT THE DISCRETION OF THE CITY COUNCIL FOR A SINGLE EXTENSION PERIOD OF SIX (6) MONTHS.
- 10. DRAINAGE PLANS TO BE PROVIDED PRIOR TO FINAL PLAT SUBMITTAL. 11. ONE FOOT RESERVE DEDICATED TO THE PUBLIC IN FEE AS A BUFFER SEPARATION BETWEEN THE SIDE OR ENDS OF STREETS WHERE SUCH STREETS ABUT ADJACENT PROPERTY, THE CONDITION OF SUCH DEDICATION BEING THAT WHEN THE ADJACENT IS SUBDIVIDED TO RE-SUBDIVIDED IN A RECORD PLAT THE ONE FOR RESERVE SHALL HEREUPON BECOME VESTED IN THE PUBLIC FOR STREET RIGHT-OF-WAY PURPOSES AND THE FEE TITLE THERE SHALL REVERT TO AND REVEST IN THE DEDICATOR, HIS HEIRS,
- ASSIGNS. OR SUCCESSORS. 12. OWNERS DO HEREBY CERTIFY THAT THEY ARE OWNERS OF ALL PROPERTY IMMEDIATELY ADJACENT TO THE BOUNDARIES OF THE ABOVE AND FOREGOING SUBDIVISION OF (NAME AND SECTION) WHERE BUILDING SETBACK LINES OR PUBLIC UTILITY EASEMENTS ARE TO BE ESTABLISHED OUTSIDE THE BOUNDARIES OF THE ABOVE AND FOREGOING SUBDIVISION AND DO HEREBY MAKE AND ESTABLISH ALL BUILDING SETBACK LINES AND DEDICATE TO THE USE OF THE PUBLIC, ALL PUBLIC UTILITY EASEMENTS SHOWN IN SAID ADJACENT ACREAGE.
- 13. ALL STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S DESIGN CRITERIA. 14. ALL WATER AND WASTEWATER FACILITIES SHALL CONFORM TO THE CITY'S DESIGN CRITERIA.
- 15. THIS PLAT IS IN ACCORDANCE WITH THE DEVELOPMENT AGREEMENT APPROVED BY CITY COUNCIL ON MAY 23, 2022 BETWEEN CITY OF IOWA COLONY; 258 COLONY
- INVESTMENTS, LTD.; 608 COLONY INVESTMENTS, LTD.; AND D.R. HORTON. 16. PER DOCUMENT NUMBER 2000028088, THE 54.8680 ACRE TRACT CONVEYED TO BAYOU RIFLES, INC. APPEARS TP BE 575-FEET (207 VARAS) WIDE, WHICH WOULD BE SHORT OF THE EASTERLY LINE OF THE CANCELLED A.B. LANGERMANN PATENT. THE TRACT IS FENCED AND OCCUPIED BY BAYOU RIFLES UP TO THE EASTERLY LINE OF THE CANCELED A.B. LANGERMANN PATENT, BUT SURVEYOR COULD FIND NO EVIDENCE OF A RECORD DOCUMENT CONVEYING THE PORTION OF THE TRACT BETWEEN THE EASTERLY LINE OF
- THE CALL 54,8680 ACRE TRACT AND THE EASTERLY LINE OF THE CANCELED A.B. LANGERMANN PATENT. 17. FURTHER OWNERS HAVE DEDICATED AND BY THESE PRESENTS DO DEDICATE TO THE USE OF THE PUBLIC FOR PUBLIC UTILITY PURPOSES FOREVER UNOBSTRUCTED AERIAL EASEMENTS. THE AERIAL EASEMENT SHALL EXTEND HORIZONTALLY AN ADDITIONAL ELEVEN FEET, SIX INCHES (11' 6") FOR TEN FEET (10' 0") PERIMETER GROUND EASEMENTS OR SEVEN FEET. SIX INCHES (7' 6") FOR SIXTEEN FEET (16' 0") PERIMETER GROUND EASEMENTS OR FIVE FEET. SIX INCHES (5' 6") FOR SIXTEEN FEET (16' 0") PERIMETER GROUND EASEMENTS FROM A PLANE SIXTEEN FEET (16' 0") ABOVE GROUND LEVEL UPWARD, LOCATED ADJACENT TO AND ADJOINING SAID PUBLIC UTILITY EASEMENT THAT ARE DESIGNED WITH AERIAL EASEMENTS (U.E. AND A.E.) AS INDICATED AND DEPICTED HEREON, WHEREBY EACH AERIAL EASEMENT TOTALS TWENTY-ONE FEET, SIX INCHES (21' 6")

IN WIDTH. 18. FURTHER, OWNERS HAVE DEDICATED AND BY THESE PRESENT DO DEDICATE TO THE USE OF THE PUBLIC FOR PUBLIC UTILITY PURPOSES FOREVER UNOBSTRUCTED AERIAL EASEMENTS, THE AERIAL EASEMENTS SHALL EXTEND HORIZONTALLY AN ADDITIONAL TEN FEET (10' 0") FOR TEN FEET (10' 0") BACK-TO-BACK GROUND EASEMENTS, OR EIGHT FEET (8' 0") FOR FOURTEEN FEET (14' 0") BACK-TO-BACK GROUND EASEMENTS OR SEVEN FEET (7' 0") FOR SIXTEEN FEET (16' 0") BACK-TO-BACK GROUND EASEMENTS, FROM A PLANE SIXTEEN FEET (16' 0") ABOVE GROUND LEVEL UPWARD, LOCATED ADJACENT TO BOTH SIDES AND ADJOINING SAID PUBLIC UTILITY EASEMENTS THAT ARE DESIGNATED WITH AERIAL EASEMENTS (U.E. AND A.E.) AS INDICATED AND DEPICTED HEREON, WHEREBY EACH AERIAL EASEMENT TOTALS THIRTY FEET (30' 0") IN WIDTH

LEGEND

RES. INDICATES RESERVE

- B.L. INDICATES BUILDING LINE
- U.E. INDICATES UTILITY EASEMENT
- O.P.R.B.C. INDICATES OFFICIAL PUBLIC RECORDS OF BRAZORIA COUNTY
- R.O.W. INDICATES RIGHT-OF-WAY

DOC NO. INDICATES DOCUMENT NUMBER

INDICATES STREETNAME CHANGE

A PRELIMINARY PLAT OF CALDWELL LAKES SECTION 4

±63.8 ACRES 168 LOTS (60' x 120' TYP.) AND **18 RESTRICTED RESERVES IN 7 BLOCKS**

OUT OF THE WILLIAM PETTUS SURVEY, A-714 CITY OF IOWA COLONY, BRAZORIA COUNTY, TEXAS

D.R. HORTON 6744 HORTON VISTA DR. RICHMOND, TX 77407 281-566-2100



ENGINEER:

LJA Engineering, Inc. 1904 W. Grand Parkway North Suite 100 Katy, Texas 77449

Phone 713.953.5200 Fax 713.953.5026

FRN-F-1386

SURVEYOR:

LJA Surveying, Inc. 3600 W Sam Houston Pwky S Suite 600 Fax 713.953.5026 Houston, Texas 77042 T.B.P.L.S. Firm No. 10194382

