



Engineers, Planners & Development Consultants

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239.936.5222 | QAINC.NET | f 239.936.7228

November 19, 2021

Ms. Tyler Griffin
Lee County Division of Community Development
1500 Monroe Street
Fort Myers, Florida 33901

RECEIVED
NOV 22 2021
COMMUNITY DEVELOPMENT

RE: **CPA2021-00013**
Luckett Landing

Dear Ms. Griffin:

Please find attached a set of revised plans for the above-mentioned project per your comments dated November 12, 2021. Below are written responses to the comments.

I. Environmental Review

a. Please provide a topographic map depicting the property boundaries and 100-year flood prone areas indicated (as identified by FEMA).

Response: Please see attached Topographic exhibit.

b. Please provide a map delineating the property boundaries on the most recent Flood Insurance Rate Map.

Response: Please see attached Fema Firmette.

c. Please revise the proposed Future Land Use Map to depict the Wetlands area.

Response: Per discussion with staff since the current Future Land Use Map does not delineate any wetland, we are not showing the existing ±0.6-acre wetland located on the south parcel line. Any wetlands will be addressed at time of Development Order to comply with Land Development Code

2. Legal Review

a. The sketch must be tied to the state plane coordinate system for the Florida West Zone (North American Datum of 1983/1990 Adjustment) with two coordinates, one coordinate being the point of beginning, and the other an opposing corner.

Response: Please see attached the revised Legal Sketch and Description

b. If the subject property contains wetlands, a metes and bounds legal description, as described above, must be submitted in addition to the perimeter boundary of the property for each wetland or future land use category.

Response: Not applicable per above response

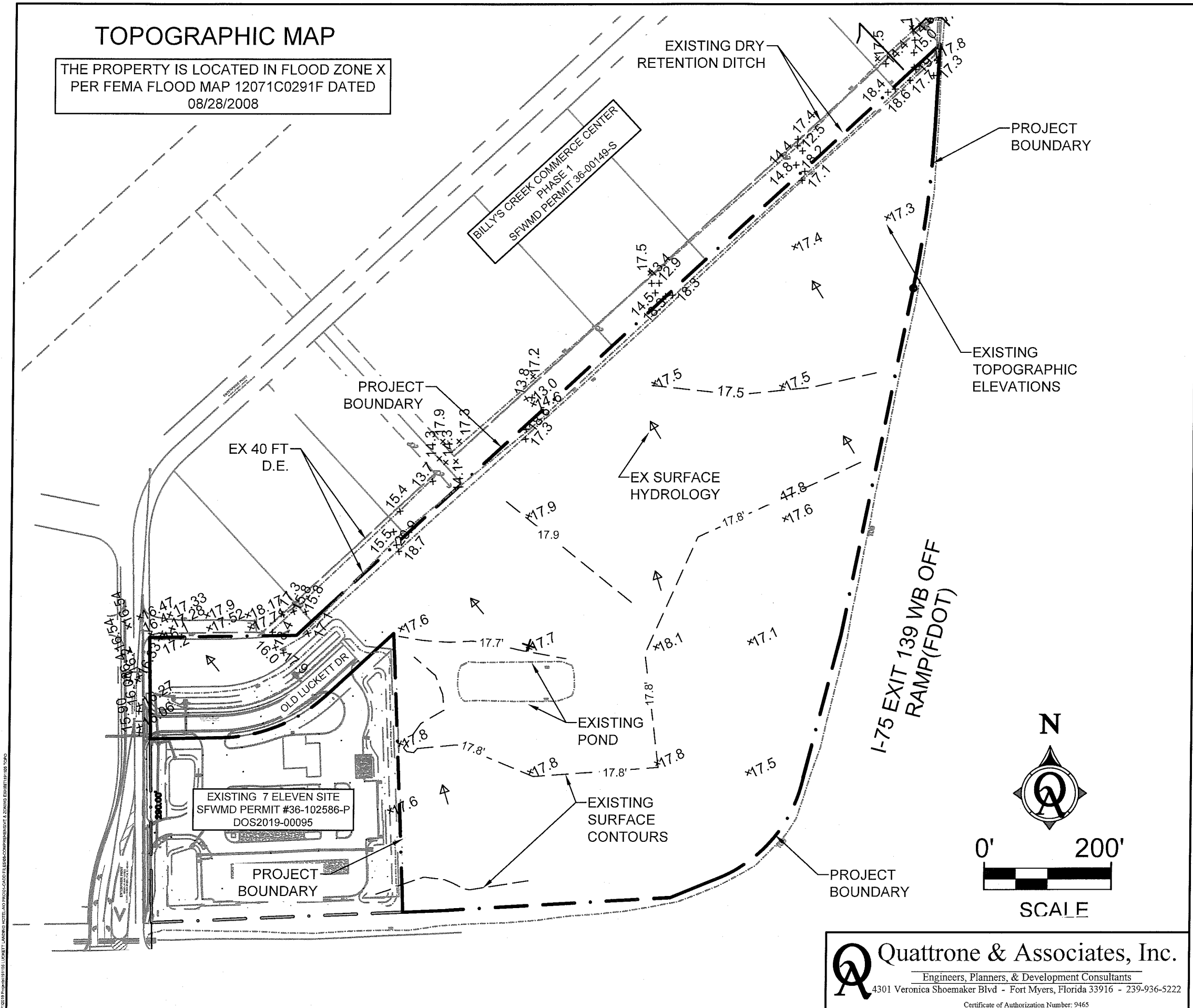
If you have any questions regarding the above responses or any of the attachments, please contact our office at (239) 936-5222.

Sincerely,
Quattrone & Associates, Inc.

Al Quattrone, P.E.
President
Email: permits@qainc.net
Attachments:
Revised Legal Sketch and Description
Revised Survey
TOPO Exhibit
FEMA Firmette

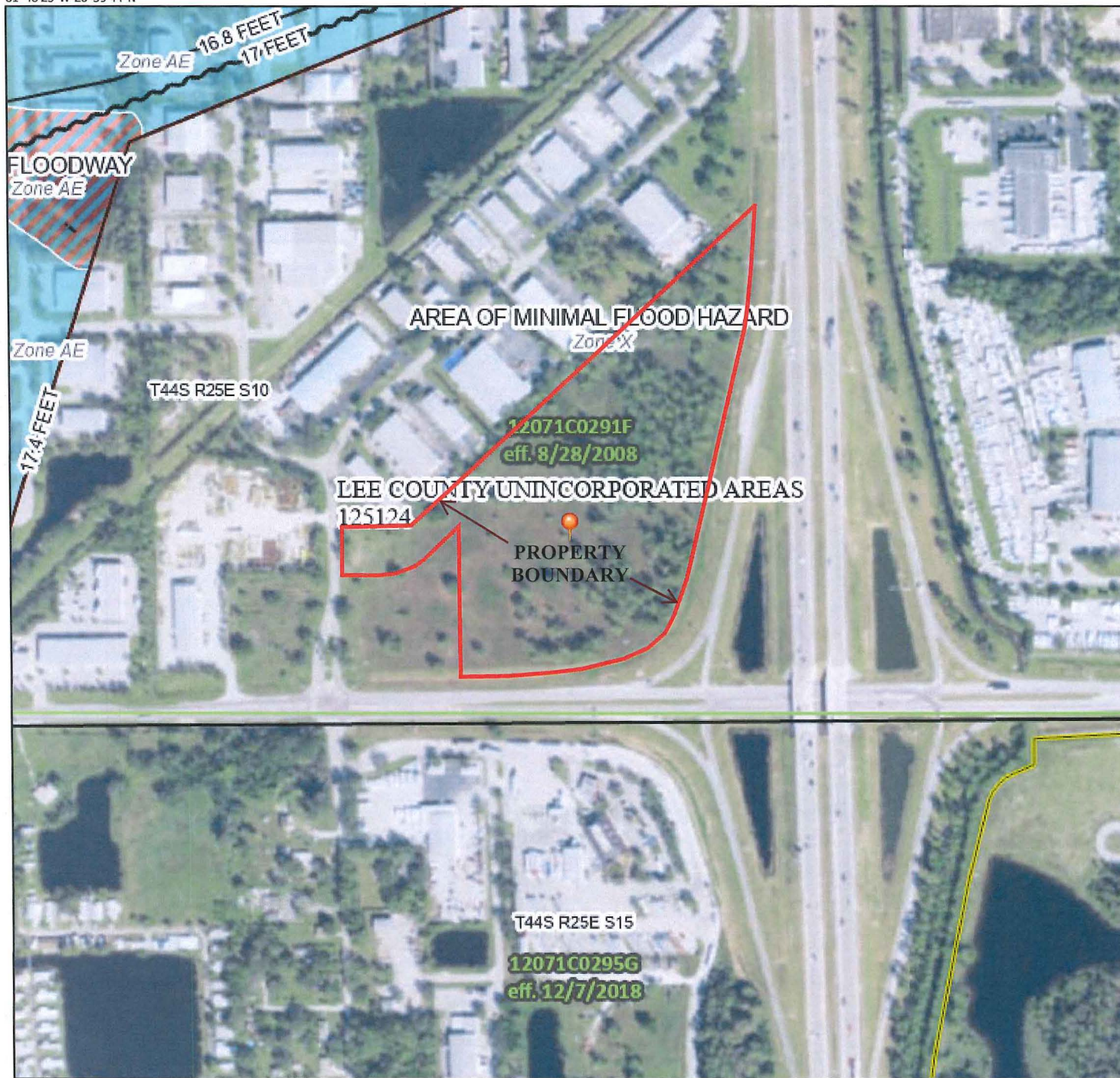
TOPOGRAPHIC MAP

THE PROPERTY IS LOCATED IN FLOOD ZONE X
PER FEMA FLOOD MAP 12071C0291F DATED
08/28/2008



National Flood Hazard Layer FIRMMette

81°48'25"W 26°39'44"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

81°48'25"W 26°39'12"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes, Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/16/2021 at 7:15 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

LEGAL DESCRIPTION & SKETCH
LUCKETT LANDING
SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST
LEE COUNTY, FLORIDA

DESCRIPTION:

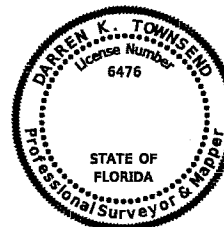
A TRACT OR PARCEL OF LAND AS DESCRIBED IN INSTRUMENT 2019000174295, PUBLIC RECORDS OF LEE COUNTY, FLORIDA; LEE COUNTY STRAP NUMBER 10-44-25-00-000.11.0000; LYING IN THE SOUTHWEST 1/4 OF SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST, LEE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST, LEE COUNTY, FLORIDA; THENCE FROM SAID POINT OF COMMENCEMENT RUN N 89°08'02" E ALONG THE CENTERLINE OF LUCKETT ROAD AND THE SOUTH LINE OF SAID SECTION 10 A DISTANCE OF 1362.50 FEET; THENCE LEAVING SAID CENTERLINE, RUN N 00°59'03" W A DISTANCE OF 123.18 FEET TO THE INTERSECTION WITH THE NORTH RIGHT-OF-WAY LINE OF SAID LUCKETT ROAD; THENCE CONTINUE N 00°59'03" W ALONG THE EAST BOUNDARY OF BILLY CREEK COMMERCE CENTER, UNIT ONE, AS RECORDED IN PLAT BOOK 33, PAGE 116, OF THE PUBLIC RECORDS OF LEE COUNTY, FLORIDA, FOR 290.00 FEET TO THE POINT OF BEGINNING; THENCE FROM SAID POINT OF BEGINNING RUN N 00°59'03" W ALONG SAID EAST BOUNDARY LINE OF BILLY CREEK COMMERCE CENTER, UNIT ONE, A DISTANCE OF 160.00 FEET TO THE SOUTHWEST CORNER OF LOT 6 OF SAID BILLY CREEK COMMERCE CENTER, UNIT ONE; THENCE RUN N 89°08'40" E ALONG THE SOUTH BOUNDARY LINE OF LOT 6 OF SAID BILLY CREEK COMMERCE CENTER, A DISTANCE OF 230.60 FEET; THENCE N 47°14'35" E ALONG THE SOUTHEASTERLY BOUNDARY LINE OF SAID BILLY CREEK COMMERCE CENTER, A DISTANCE OF 1373.10 FEET TO THE INTERSECTION WITH THE NORTHWESTERLY RIGHT-OF-WAY LINE OF THE I-75 EXIT RAMP TOWARD LUCKETT ROAD, BEING THE SOUTH CORNER OF LOT 20 OF SAID BILLY CREEK COMMERCE CENTER, UNIT ONE; THENCE RUN ALONG SAID EXIT RAMP RIGHT-OF-WAY, THE FOLLOWING SEVEN (7) COURSES: (1) S 03°01'27" W A DISTANCE OF 122.75 FEET TO THE POINT OF A CURVATURE OF A 1,815.86 FEET RADIUS CURVE TO THE RIGHT, BEING CONCAVE WESTERLY, HAVING A DELTA ANGLE OF 08°20'18", A CHORD BEARING AND LENGTH OF S 07°11'36" W AND 264.03 FEET; (2) THENCE RUN 264.26 FEET ALONG THE ARC OF SAID CURVE; (3) THENCE S 11°21'45" W A DISTANCE OF 559.31 FEET; (4) THENCE S 14°21'13" W A DISTANCE OF 230.27 FEET TO A POINT OF A NON-TANGENT CURVATURE OF 216.00 FOOT RADIUS CURVE TO THE RIGHT, BEING CONCAVE NORTHWESTERLY, HAVING A DELTA ANGLE OF 56°22'43", A CHORD BEARING AND LENGTH OF S 39°33'07" W AND 204.07 FEET; (5) THENCE RUN 212.54 FEET ALONG THE ARC OF SAID CURVE; (6) THENCE S 67°44'28" W A DISTANCE OF 84.66 FEET; (7) THENCE S 86°41'26" W A DISTANCE OF 350.32 FEET; THENCE S 87°32'53" W ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID LUCKETT ROAD A DISTANCE OF 70.61 FEET; THENCE LEAVING SAID NORTH RIGHT-OF-WAY LINE, RUN N 02°27'05" W A DISTANCE OF 440.07 FEET; THENCE S 47°16'03" W A DISTANCE OF 145.11 FEET TO THE POINT OF CURVATURE OF A 250.00 FEET RADIUS CURVE TO THE RIGHT, BEING CONCAVE NORTHERLY, HAVING DELTA ANGLE OF 41°46'20", A CHORD BEARING AND LENGTH OF S 68°09'12" W AND 178.26 FEET; THENCE RUN 182.27 FEET ALONG THE ARC OF SAID CURVE; THENCE S 89°02'22" W A DISTANCE OF 109.77 FEET TO THE POINT OF BEGINNING

SAID LANDS BEING 16.55 ACRES (MORE OR LESS)

NOTES:

1. COORDINATES & DIMENSIONS BASED ON A BOUNDARY SURVEY BY THIS FIRM, DATED JULY 08, 2021.
2. BEARINGS AND COORDINATES ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT). THE BASIS OF BEARINGS IS THE EAST LINE OF BILLY CREEK COMMERCE CENTER A5 WHICH BEARS N 00°59'03" W. BEARING OF SAID LINE IS N 01°00'29" W IN INSTRUMENT 2019000174295.
3. ALL DIMENSIONS ARE IN U.S. SURVEY FEET OR DECIMALS THEREOF.
4. NOT VALID WITHOUT THE ATTACHED SKETCH OF DESCRIPTION.
5. THIS IS NOT A BOUNDARY SURVEY.



Digitally signed
by Darren
Townsend
Date: 2021.11.17
11:54:53 -05'00'

DARREN TOWNSEND
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE. NO. 6476

NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND
SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.



AIM Engineering & Surveying, Inc.
2161 FOWLER STREET, SUITE 100
FORT MYERS, FLORIDA 33901
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TOLL FREE (800) 226-4569
LICENSED BUSINESS No. 3114

LEGAL DESCRIPTION & SKETCH
LUCKETT LANDING

DRAWN: CH 11-16-2021		CHECKED: DT 11-17-2021		CLIENT: QUATTRONE & ASSOCIATES		
PROJECT NO.: 15-0402	SECTION: 10	TOWNSHIP: 44 S	RANGE: 25 E	COUNTY: LEE	SHEET 1 OF 2	

LEGAL DESCRIPTION & SKETCH

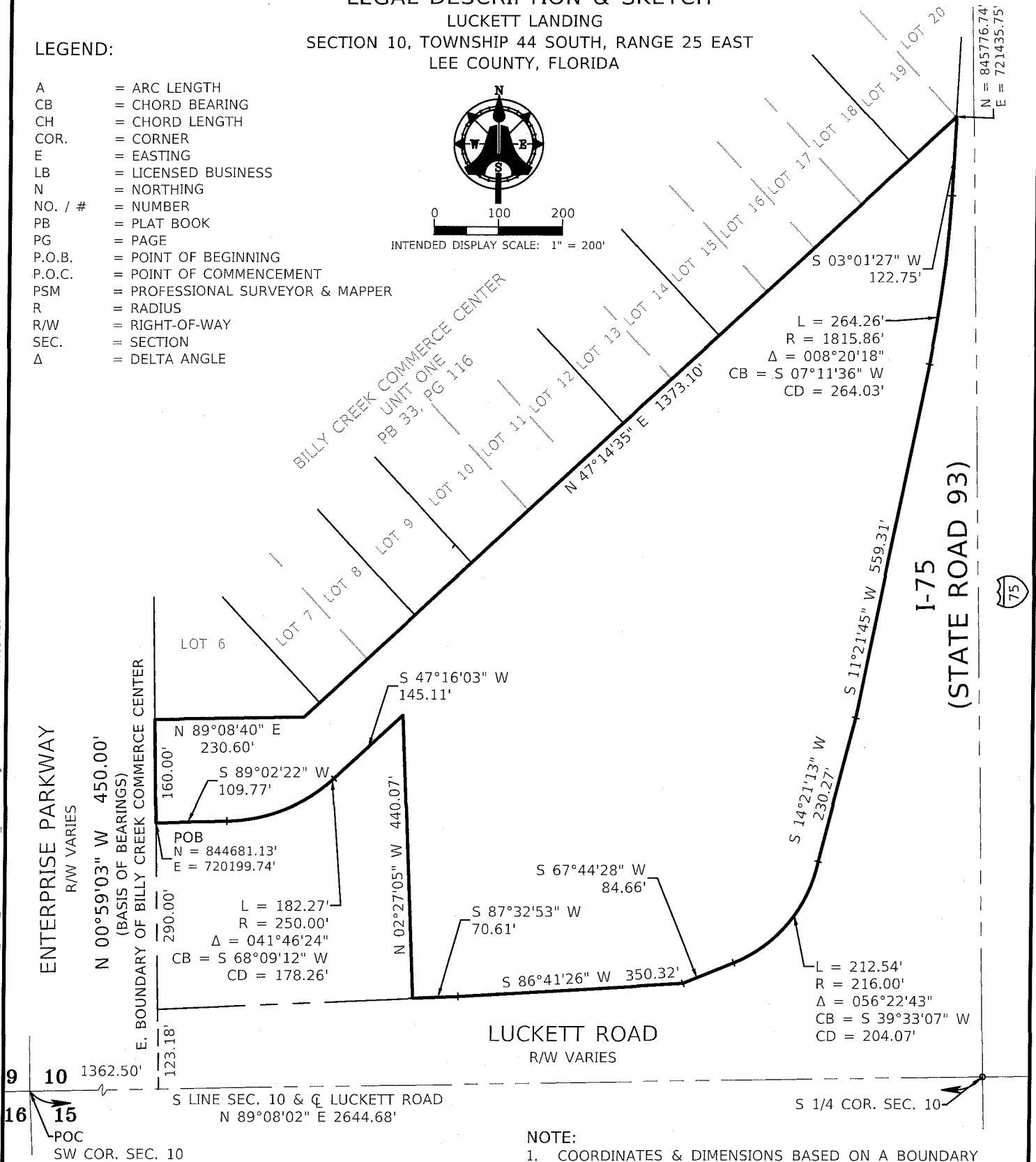
LUCKETT LANDING
SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST
LEE COUNTY, FLORIDA

LEGEND:

A = ARC LENGTH
CB = CHORD BEARING
CH = CHORD LENGTH
COR. = CORNER
E = EASTING
LB = LICENSED BUSINESS
N = NORTHING
NO. / # = NUMBER
PB = PLAT BOOK
PG = PAGE
P.O.B. = POINT OF BEGINNING
P.O.C. = POINT OF COMMENCEMENT
PSM = PROFESSIONAL SURVEYOR & MAPPER
R = RADIUS
R/W = RIGHT-OF-WAY
SEC. = SECTION
Δ = DELTA ANGLE



INTENDED DISPLAY SCALE: 1" = 200'



NOT VALID WITHOUT THE ATTACHED DESCRIPTION.



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TOLL FREE (800) 226-4569
LICENSED BUSINESS No. 3114

LEGAL DESCRIPTION & SKETCH LUCKETT LANDING

DRAWN: CH 11-16-2021		CHECKED: DT 11-17-2021		CLIENT: QUATTRONE & ASSOCIATES	
PROJECT NO.: 15-0402	SECTION: 10	TOWNSHIP: 44 S	RANGE: 25 E	COUNTY: LEE	SHEET 2 OF 2

BOUNDARY SURVEY LYING IN
SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST
LEE COUNTY, FLORIDA

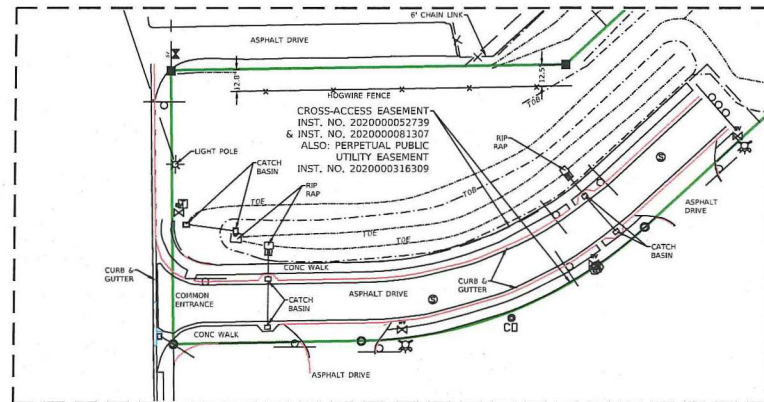
DESCRIPTION OF LANDS SURVEYED (FROM TITLE CERTIFICATION DATED SEPTEMBER 24, 2021 AT 5:00 PM):

A TRACT OR PARCEL OF LAND IN THE SOUTHWEST 1/4 OF SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST, LEE COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SECTION 10, TOWNSHIP 44 SOUTH, RANGE 25 EAST, LEE COUNTY, FLORIDA; THENCE FROM SAID POINT OF COMMENCEMENT RUN N89°07'14"E ALONG THE CENTERLINE OF LUCKETT ROAD A DISTANCE OF 1362.48 FEET; THENCE LEAVING SAID CENTERLINE, RUN N01°00'29"W A DISTANCE OF 123.00 FEET TO THE INTERSECTION WITH THE NORTH RIGHT-OF-WAY LINE OF SAID LUCKETT ROAD; THENCE CONTINUE N01°00'29"W ALONG THE EAST BOUNDARY OF BILLY CREEK COMMERCE CENTER, UNIT ONE, AS RECORDED IN PLAT BOOK 33, PAGE 116, OF THE PUBLIC RECORDS OF LEE COUNTY, FLORIDA, FOR 290.00 FEET TO THE POINT OF BEGINNING; THENCE FROM SAID POINT OF BEGINNING RUN N01°00'29"W ALONG SAID EAST BOUNDARY LINE OF BILLY CREEK COMMERCE CENTER, UNIT ONE, A DISTANCE OF 160.00 FEET TO THE SOUTHWEST CORNER OF LOT 6 OF SAID BILLY CREEK COMMERCE CENTER, UNIT ONE; THENCE RUN N89°07'14"E ALONG THE SOUTH BOUNDARY LINE OF LOT 6 OF SAID BILLY CREEK COMMERCE CENTER, A DISTANCE OF 230.60 FEET; THENCE N47°13'09"E ALONG THE SOUTHEASTERLY BOUNDARY LINE OF SAID BILLY CREEK COMMERCE CENTER, A DISTANCE OF 1373.10 FEET TO THE INTERSECTION WITH THE NORTHWESTERLY RIGHT-OF-WAY LINE OF SAID 1-75 EXIT RAMP TOWARD LUCKETT ROAD, BEING THE SOUTH CORNER OF LOT 20 OF SAID BILLY CREEK COMMERCE CENTER, UNIT ONE; THENCE RUN ALONG SAID EXIT RAMP RIGHT-OF-WAY, THE FOLLOWING SEVEN (7) COURSES: (1) 503°00'01"W, A DISTANCE OF 122.75 FEET TO THE POINT OF A CURVATURE OF A 1.815.86 FEET RADIUS CURVE TO THE RIGHT, BEING CONCAVE WESTERLY, HAVING A DELTA ANGLE OF 08°20'18", A CHORD BEARING AND LENGTH OF 507°10'09"W AND 264.03 FEET; (2) THENCE RUN 264.26 FEET ALONG THE ARC OF SAID CURVE; (3) THENCE S 11°20'19"W A DISTANCE OF 559.31 FEET; (4) THENCE S14°19'47"W A DISTANCE OF 230.27 FEET TO A POINT OF A NON-TANGENT CURVATURE OF 216.00 FOOT RADIUS CURVE TO THE RIGHT, BEING CONCAVE NORTHWESTERLY, HAVING A DELTA ANGLE OF 56°22'43", A CHORD BEARING AND LENGTH OF 539°31'40"W AND 204.07 FEET; (5) THENCE RUN 212.54 FEET ALONG THE ARC OF SAID CURVE; (6) THENCE S67°43'02"W A DISTANCE OF 84.66 FEET; (7) THENCE S86°40'00"W A DISTANCE OF 350.32 FEET; THENCE S87°31'27"W ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID LUCKETT ROAD A DISTANCE OF 70.61 FEET; THENCE LEAVING SAID NORTH RIGHT-OF-WAY LINE, RUN N02°28'33"W A DISTANCE OF 440.07 FEET; THENCE S47°14'35"W A DISTANCE OF 145.11 FEET TO THE POINT OF CURVATURE OF A 250.00 FEET RADIUS CURVE TO THE RIGHT, BEING CONCAVE NORTHERLY, HAVING DELTA ANGLE OF 41°46'20", A CHORD BEARING AND LENGTH OF 588°07'44"W AND 178.26 FEET; THENCE RUN 182.27 FEET ALONG THE ARC OF SAID CURVE; THENCE S89°00'54"W A DISTANCE OF 109.77 FEET TO THE POINT OF BEGINNING.

NOTES:

1. THIS SURVEY IS AN UPDATE OF PREVIOUS SURVEYS BY THIS FIRM DATED JUNE 12, 2006, AND SUBSEQUENTLY UPDATED OCTOBER 28, 2015.
2. ALL PHYSICAL FEATURES SHOWN HEREON WERE LOCATED IN THE FIELD, UNLESS OTHERWISE NOTED. BY THE SURVEY FIELD CREW AS RECORDED IN FIELD BOOKS: 1040, PAGES 61-71; 1472, PAGES 23-25, & 80; AND 1735, PAGES 1-2, THE LAST DAY OF FIELD WORK WAS JULY 08, 2021.
3. A TITLE CERTIFICATION, PREPARED BY PAVESSE LAW FIRM, DATED SEPTEMBER 24, 2021 AT 5:00 PM, WAS PROVIDED. ALL PLOTTABLE EASEMENTS AS DISCLOSED IN THIS CERTIFICATION ARE MAPPED HEREIN.
4. BEARINGS, COORDINATES AND DISTANCES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (2011). THE BASIS OF BEARING OF BEARING IS THE EAST LINE OF BILLY CREEK COMMERCE CENTER HAVING A BEARING OF N 00°59'03" W AS MEASURED BETWEEN FOUND MONUMENTATION.
5. PROPERTY APPEARS TO LIE IN FLOOD ZONE "X" AS SHOWN ON FLOOD INSURANCE RATE MAP COMMUNITY 125124 PANEL NO. 0291 F, HAVING AN EFFECTIVE DATE OF AUGUST 28, 2008.
6. NO SEARCH FOR VISIBLE EVIDENCE OF EXISTING OR FORMER AREAS OF FACILITIES WHICH MAY HAVE INVOLVED USE OR STORAGE OF HAZARDOUS OR TOXIC SUBSTANCES WAS MADE.
7. NO WETLAND AREAS OR JURISDICTIONAL WETLANDS, IF ANY, WERE LOCATED FOR THIS SURVEY.
8. NO UNDERGROUND UTILITIES OR IMPROVEMENTS, IF ANY, WERE LOCATED OTHER THAN THOSE SHOWN HEREON.
9. UNDERGROUND ENCROACHMENTS INCLUDING FOUNDATIONS (IF ANY) WERE NOT LOCATED.
10. THE PLAT OF BILLY CREEK COMMERCE CENTER, UNIT ONE AS RECORDED IN PLAT BOOK 33, PAGE 116 RESERVES A 6-FOOT PUBLIC UTILITY EASEMENT (NOT MAPPED) AROUND THE BOUNDARY OF EACH BUILDING SITE AND WITHIN 6 FEET OF ANY SIDE LINES OF DRAINAGE EASEMENTS WITHIN SAID PLAT.
11. ALL DISTANCES, AND COORDINATES ARE IN U.S. SURVEY FEET OR DECIMALS THEREOF.
12. SURVEYED PARCEL ACREAGE: 16.55 ACRES MORE OR LESS.
13. ALL RECORDING REFERENCES ARE TO THE PUBLIC RECORDS OF LEE COUNTY, FL.
14. LIMITED ACCESS RIGHT OF WAY DEPICTED PER FOOT STATE ROAD NO. 93 (INTERSTATE 75) RIGHT OF WAY MAP, SECTION 12075-000, DATED NOVEMBER 22, 2006.



DETAIL "A"
SCALE: 1 INCH = 50 FEET

9 10
16 15

P.O.C.
SW CORNER, SECTION 10
1/2" IR, NO I.D. IN PAVEMENT
CUT-OUT NOT RECOVERED DURING
SURVEY UPDATE. VERIFIED POSITION
FROM RECOVERED REFERENCES
(CCRs 82537, 86558, 87870)



Digitally signed
by Darren
Townsend
Date: 2021.11.17
11:58:18 -05'00'

No	DATE	BY	REVISIONS
1	0-11-21	CMH	TITLE CERTIFICATION / EASEMENTS
2	1-17-21	CMH	STATE PLANE COORDINATES
3			
4			
5			

PREPARED BY: AIM ENGINEERING AND SURVEYING, INC.
SEE ELECTRONIC SIGNATURE ABOVE
DARREN TOWNSEND
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE NO. 6476
NOT VALID WITHOUT THE ELECTRONIC SIGNATURE AND
SEAL OF A FLORIDA LICENSED SURVEYOR & MAPPER.

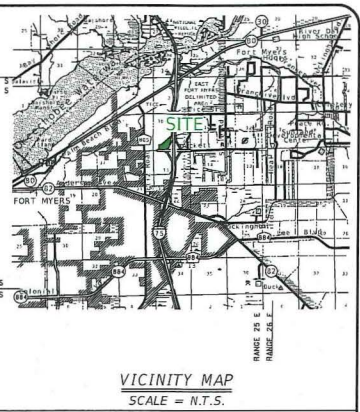


AIM Engineering & Surveying, Inc.
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TOLL FREE 800-226-4569
PHONE 239-332-4569
FAX 239-332-4569
www.aimengr.com
CERTIFICATE OF AUTHORIZATION NO. 3114

CLIENT:
QUATRONE & ASSOCIATES, INC.
DRAWN: CH
DATE: 07-08-2021
PROJECT: LUCKETT LANDING
CHECKED: DT
DATE: 07-08-2021
FIELD BOOK: 1040/1472/1735
PAGE: 61-71/23-25, 80/1-2

COUNTY: LEE
SECTION: 10
TOWNSHIP: 44 S
RANGE: 25 E
FILE NAME: 15-0401
PROJECT NO: 15-0401

LUCKETT LANDING
BOUNDARY SURVEY
SHEET
1
OF
1



- LEGEND:
- (C) = CALCULATED
 - (D) = DEED
 - (F) = FIELD DATA
 - (P) = PLAT DATA
 - (R) = RIGHT-OF-WAY MAP DATA
 - A = ARC LENGTH
 - BOC = BACK OF CURB
 - CB = CHORD BEARING
 - CCR = CERTIFIED CORNER RECORD
 - CH = CHORD LENGTH
 - CM = CONCRETE
 - CONC. = CONCRETE
 - D.O.T. = DEPARTMENT OF TRANSPORTATION
 - E = EASTING
 - ENG = ENGINEERING
 - EOP = EDGE OF PAVEMENT
 - F.D.O.T. = FLORIDA DEPARTMENT OF TRANSPORTATION
 - FLA. = FLORIDA
 - FND = FOUND
 - I.D. = IDENTIFICATION
 - IR = IRON ROD
 - IRC = IRON ROD W/ CAP
 - INC. = INCORPORATED
 - INST. = INSTRUMENT NUMBER
 - INV. = INVERT
 - LB = LICENSED BUSINESS
 - LLC = LIMITED LIABILITY COMPANY
 - LP = LIGHT POLE
 - N = NORTHING
 - N/F = NOW OR FORMERLY
 - NGVD = NATIONAL GEODETIC VERTICAL DATUM
 - NO. = NUMBER
 - N.T.S. = NOT TO SCALE
 - O.A.L. = OVERALL LENGTH
 - OHW = OVERHEAD WIRE
 - ORB = OFFICIAL RECORD BOOK
 - PK = PARKER-KALON
 - PB = PLAT BOOK
 - PG = PAGE
 - P.O.B. = POINT OF BEGINNING
 - P.O.C. = POINT OF COMMENCEMENT
 - R = RADIUS
 - R/W = RIGHT-OF-WAY
 - SIRC = SET 5/8" IRON ROD W/ CAP STAMPED "AIM ENG LB 3114"
 - TOB = TOP OF BANK
 - TOE = TOE OF BANK
 - UTS = UNDERGROUND TELEPHONE SERVICE
 - W = WITH
 - WPP = WOOD POWER POLE
 - ~ = TERMINUS UNKNOWN
 - Δ = DELTA ANGLE
 - Δ = CLEANOUT
 - Δ = FIRE HYDRANT
 - Δ = GAS VALVE
 - Δ = LIGHT POLE
 - Δ = SANITARY MANHOLE
 - Δ = SANITARY SEWER VALVE
 - Δ = SIGN
 - Δ = TELECOMMUNICATIONS PEDESTAL
 - Δ = WATER METER
 - Δ = WATER VALVE