

# RED STAG SKETCH PLAT

1695 NORRIS LAKE DR  
SNELLVILLE GA, 30039

FOR  
**D.R. HORTON**

1371 DOOGWOOD DR SW  
CONYERS, GA 30012  
PHONE: 470-774-4884

PREPARED BY:

**PLANNERS AND ENGINEERS COLLABORATIVE**  
SITE PLANNING ▣ LANDSCAPE ARCHITECTURE ▣ CIVIL ENGINEERING ▣ LAND SURVEYING  
▣ 350 RESEARCH COURT ▣ PEACHTREE CORNERS, GEORGIA 30092 ▣ (770) 451-2741 ▣ FAX (770) 451-3915 ▣

**"WE PROVIDE SOLUTIONS"**

**RED STAG SKETCH PLAT**  
A MASTER PLANNED RESIDENTIAL DEVELOPMENT

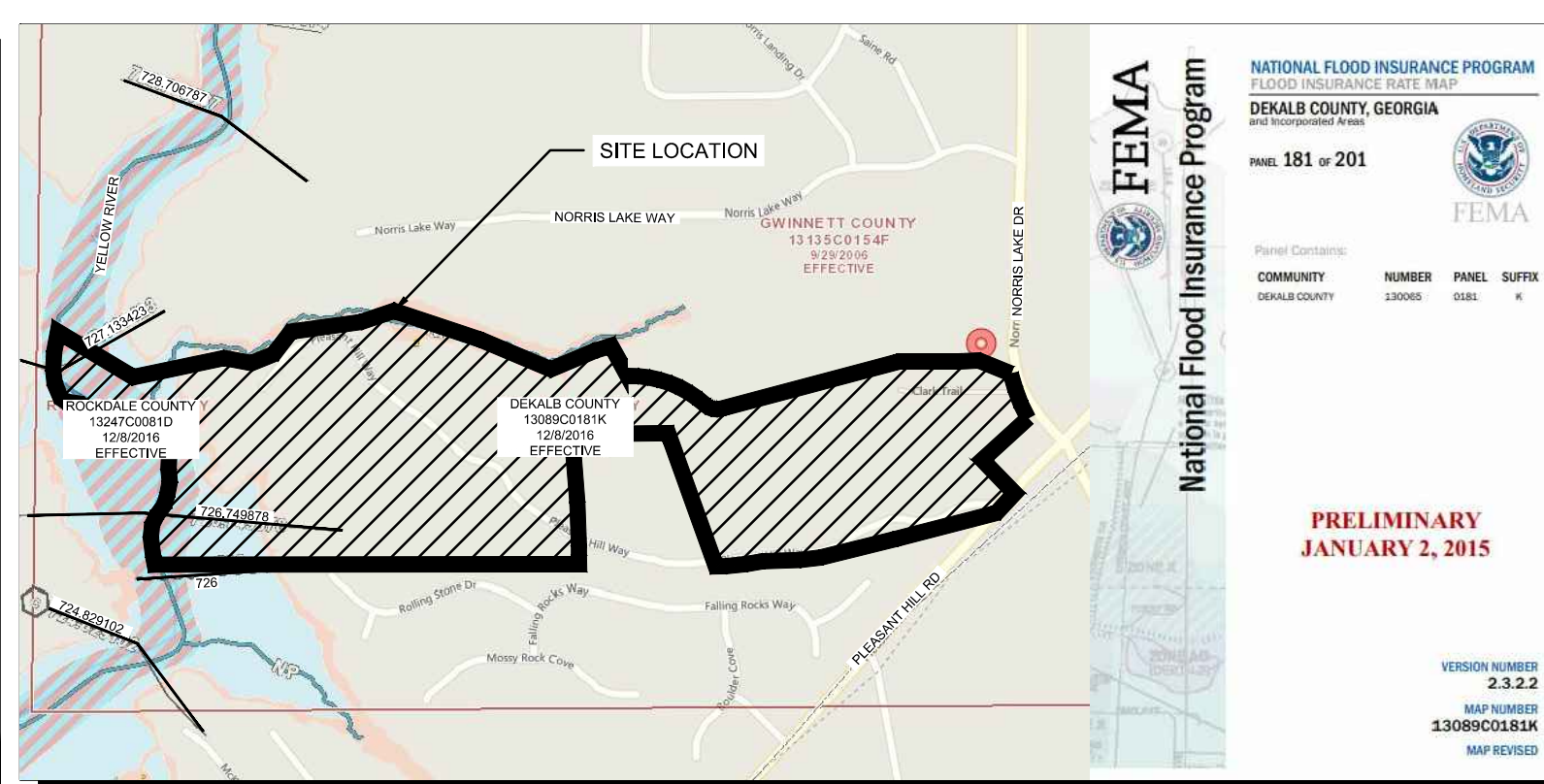
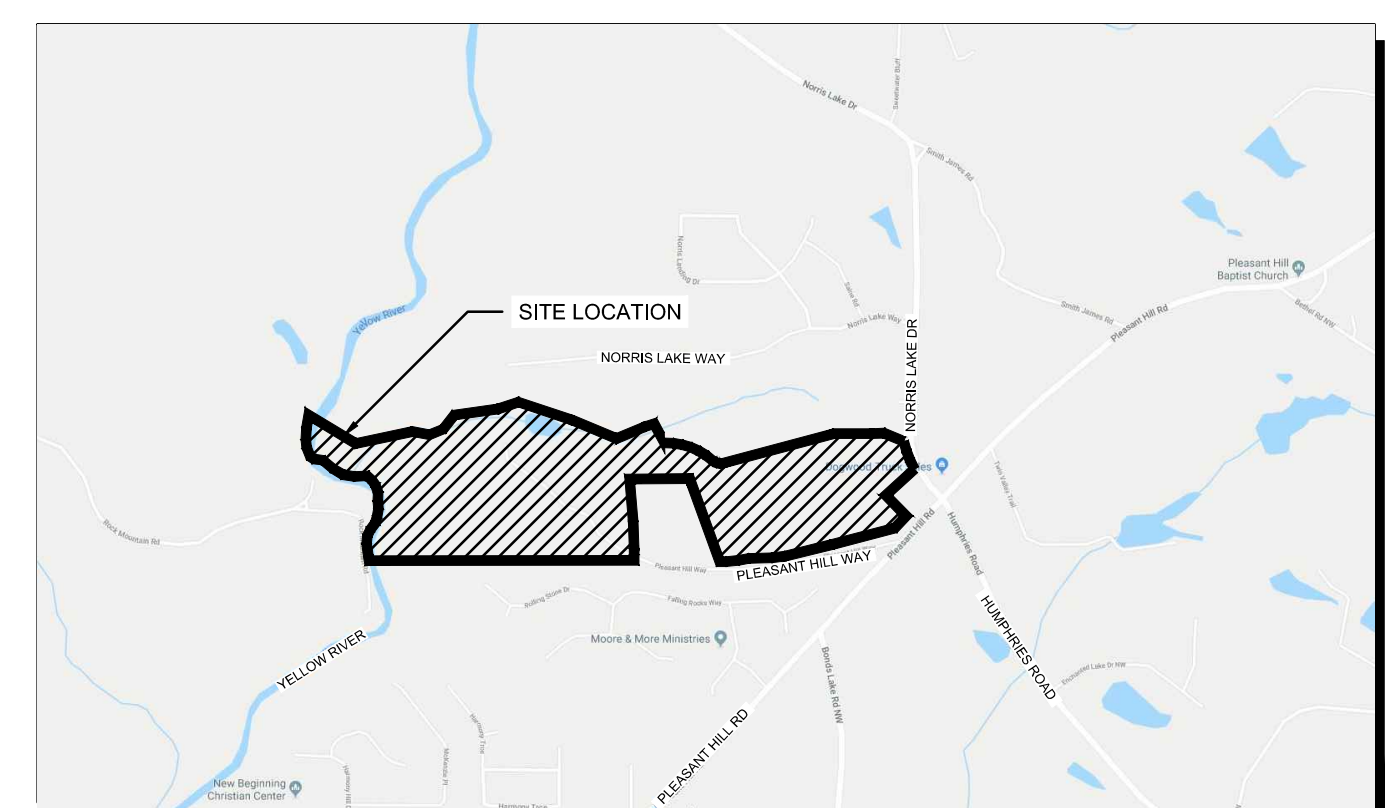
FOR  
**D.R. HORTON**  
1371 DOOGWOOD DR SW  
CONYERS, GA 30012  
PHONE: 470-774-4884

CITY OF SNELLVILLE / LITHONIA  
DEKALB COUNTY  
GEORGIA

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- GENERAL NOTES:**
- PRIOR TO LAND DISTURBING AND/OR CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA EROSION CONTROL / SITE DEVELOPMENT INSPECTOR.
  - IF THE CONTRACTOR, DURING THE COURSE OF THE WORK, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE LOCALITY, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING, AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
  - THE EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN PREPARED FROM THE INFORMATION AVAILABLE TO THE ENGINEER AND MAY NOT BE ACCURATE TO EXTENT OR LOCATIONS. PRIOR TO BEGINNING ANY WORK, THE CONTRACTOR SHALL NOTIFY UTILITIES AND THEN MARK OR REMARK THEIR FACILITIES.
  - THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING VEGETATION WHICH DOES NOT UNREASONABLY INTERFERE WITH CONSTRUCTION.
  - THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND STAKES.
  - THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES FOR EXECUTION OF ALL MATERIALS. THE EXECUTION OF THE WORK SHALL BE IN ACCORDANCE WITH THE STATE AND LOCAL CODES, RULES, AND REGULATIONS.
  - TESTING SHALL BE DONE BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
  - SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE MANUAL OF ACCIDENT PROTECTION IN CONSTRUCTION AS PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, OSHA, AND THE LOCAL REGULATIONS.
  - ANY AND ALL WALLS SHOWN HEREIN ARE FOR LAYOUT PURPOSES ONLY. WALL STRUCTURAL DESIGN, DETAILS, CALCULATIONS, APPROVALS, PERMITS, FEES, INSPECTIONS AND CERTIFICATIONS REQUIRED BY THE GOVERNING AUTHORITY SHALL BE PROVIDED BY OTHERS. CONTRACTOR SHALL INSTALL FALL PROTECTION RAIL SYSTEM(S) FOR ALL WALLS 30 INCHES IN HEIGHT OR GREATER UNLESS OTHERWISE SPECIFIED BY STATE AND/OR LOCAL CODES, RULES, OR REGULATIONS. FALL PROTECTION RAIL SYSTEM(S) SHALL BE IN ACCORDANCE WITH OSHA STANDARD 1926, SUBPART M - FALL PROTECTION.
  - ALL STAIRWAYS HAVING MORE THAN THREE (3) RISERS ABOVE A FLOOR OR GRADE SHALL BE EQUIPPED WITH HANDRAILS LOCATED NOT LESS THAN 34 INCHES (34") NOR MORE THAN 38 INCHES (38") ABOVE THE LEADING EDGE OF A TREAD. EXCEPTION: HANDRAILS THAT FORM PART OF A GUARDRAIL MAY BE 42 INCHES (42") HIGH.
  - ALL WALL TOPS TO BE SIX INCHES (6") ABOVE GRADE UNLESS OTHERWISE NOTED.
  - MAXIMUM CUT OR FILL SLOPE IS 2H:1V UNLESS OTHERWISE SPECIFIED. SLOPES EQUAL TO OR STEEPER THAN 2.5H:1V AND WITH A HEIGHT OF 10' OR GREATER SHALL BE STABILIZED WITH APPROPRIATE MATTING OR BLANKETS.



**SHEET INDEX:**

SHEET NO.	SHEET NAME
S1	COVER SHEET
S1.1 - S1.3	STANDARD SPECIFICATIONS
SURV	BOUNDARY AND TOPOGRAPHIC SURVEY
S2.1 - S2.2	DEMOLITION PLAN
S4	OVERALL SITE PLAN
S5	SKETCH PLAT
S5.1	SKETCH PLAT A
S5.2	SKETCH PLAT B
S7	OPEN SPACE PLAN
S8.1 - S8.2	SIGHT DISTANCE PROFILES

**REVISIONS:**

NO.	DATE	BY	DESCRIPTION
1	10/24/19	CAH	1ST SUBMITTAL
2	12/11/19	CAH	2ND SUBMITTAL
3	01/27/20	CAH	3RD SUBMITTAL

- SITE INFORMATION**
- TOTAL ONSITE AREA: 122.772 ACRES / TOTAL AREA DISTURBED 88,580 ACRES.
  - BOUNDARY & TOPOGRAPHIC INFORMATION PROVIDED BY PLANNERS & ENGINEERS COLLABORATIVE, DATED 05/18/2018.
  - THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR DEKALB COUNTY, GEORGIA AND INCORPORATED AREAS, COMMUNITY PANEL NUMBER(S) 13089C0181K, EFFECTIVE DATE 01/02/2015 WAS EXAMINED AND NO PORTION OF THE PROPERTY SHOWN HEREIN WAS FOUND TO FALL WITHIN A DESIGNATED FLOOD ZONE "A" (AREAS OF 100-YEAR FLOOD) OR SPECIAL FLOOD HAZARD ZONE (AREAS OF 500-YEAR FLOOD).
  - THERE ARE STATE WATERS LOCATED ON OR WITHIN 200 FEET OF THE SITE.
  - THERE ARE KNOWN WETLANDS ON THIS SITE
  - THE ORTHOMETRIC HEIGHTS (ELEVATIONS AND CONTOURS) SHOWN HEREON WERE DETERMINED BY A COMBINATION OF FIELD RUN SURVEY BY PLANNERS & ENGINEERS COLLABORATIVE, DATED 05/18/2018 AND DEKALB COUNTY GIS.

**24 HOUR CONTACT:**  
**JAY COOMBE @ 470-774-4884**

**CONTACT INFORMATION:**

ENGINEER:	MATTHEW E. KACZENSKI, P.E. PLANNERS AND ENGINEERS COLLABORATIVE	OWNER:	JAY COOMBE D.R. HORTON
ADDRESS:	350 RESEARCH COURT PEACHTREE CORNERS, GEORGIA 30092	ADDRESS:	1371 DOOGWOOD DR SW CONYERS, GA 30012
PHONE:	770.451.2741	PHONE:	470-774-4884
EMAIL:	MKACZENSKI@PECATL.COM		

**DEVELOPMENT SERVICES PERMITTING DISCLAIMER:**

THE APPROVAL OF THESE PLANS AND THE ISSUANCE OF THIS LAND DISTURBANCE PERMIT DOES NOT IN ANY WAY SUGGEST THAT ALL OTHER REQUIREMENTS FOR THE LEGAL OR APPROPRIATE OPERATIONS FOR THIS ACTIVITY, WHICH MAY REQUIRE ADDITIONAL PERMITTING, HAVE BEEN MET. THE ONUS IS ON THE OWNER/DEVELOPER/BUILDER TO DISCOVER WHAT ADDITIONAL PERMITTING OR APPROVALS MAY BE NECESSARY TO OPERATE FROM THIS POINT IN AN APPROPRIATE AND LEGAL MANNER. PLAN APPROVAL OR PERMIT ISSUANCE DOES NOT ABSOLVE THE APPLICANT FROM COMPLYING WITH ALL APPLICABLE LAWS, POLICIES, STANDARDS OR OTHER PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT.

**SITE DATA**

ADDRESS: 1695 NORRIS LAKE DR  
SNELLVILLE GA, 30039

SITE AREA: 122.772 AC  
ZONING: RNC

THIS SKETCH PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE PLANNING COMMISSION OF DEKALB COUNTY, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_.

BY: \_\_\_\_\_ (BY DIRECTOR)  
PLANNING COMMISSION CHAIRMAN  
DEKALB COUNTY, GEORGIA

HANSEN FILE NO: 1243655

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**COVER SHEET**

SCALE: N/A  
DATE: 01/27/2020  
PROJECT: 16309.00

THIS SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE.

GSWCC LEVEL II DESIGN PROFESSIONAL  
CERTIFICATION # 0000066476 EXP. 06/22/2021

**S1**  
SHEET

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**LEGAL DESCRIPTION SOUTH TRACT**

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 228, 229, 252, 253, 257 AND 258 OF THE 16<sup>TH</sup> DISTRICT DEKALB COUNTY, GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE TRUE POINT OF BEGINNING, COMMENCE FROM AN IRON PIN FOUND AT THE INTERSECTION OF THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF NORRIS LAKE DRIVE (60' R/W) WITH THE NORTHWESTERLY RIGHT-OF-WAY LINE OF PLEASANT HILL ROAD (60' R/W); THENCE ALONG SAID RIGHT-OF-WAY LINE OF PLEASANT HILL WAY SOUTH 43 DEGREES 35 MINUTES 35 SECONDS WEST A DISTANCE OF 327.61 FEET TO AN IRON PIN FOUND AND THE TRUE POINT OF BEGINNING; FROM THE TRUE POINT OF BEGINNING AS THUS ESTABLISHED, THENCE ALONG THE NORTHERN RIGHT-OF-WAY LINE OF PLEASANT HILL ROAD SOUTH 43 DEGREES 3 MINUTES 3 SECONDS WEST A DISTANCE OF 156.12 FEET TO A POINT AT THE INTERSECTION OF THE NORTHERN RIGHT-OF-WAY LINE OF PLEASANT HILL ROAD AND THE NORTHERN RIGHT-OF-WAY LINE OF PLEASANT HILL WAY (50' R/W); THENCE ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF PLEASANT HILL WAY THE FOLLOWING COURSES AND DISTANCES: THENCE SOUTH 75 DEGREES 25 MINUTES 50 SECONDS WEST A DISTANCE OF 606.01 FEET TO A POINT; THENCE SOUTH 76 DEGREES 4 MINUTES 34 SECONDS WEST A DISTANCE OF 441.45 FEET TO A POINT; THENCE SOUTH 83 DEGREES 41 MINUTES 41 SECONDS WEST A DISTANCE OF 121.33 FEET TO A POINT; THENCE SOUTH 87 DEGREES 59 MINUTES 32 SECONDS WEST A DISTANCE OF 215.09 FEET TO A POINT; THENCE SOUTH 79 DEGREES 49 MINUTES 0 SECONDS WEST A DISTANCE OF 171.41 FEET TO A POINT; THENCE SOUTH 84 DEGREES 5 MINUTES 22 SECONDS WEST A DISTANCE OF 119.53 FEET TO A POINT; THENCE SOUTH 89 DEGREES 39 MINUTES 39 SECONDS WEST A DISTANCE OF 60.23 FEET TO A POINT;

THENCE LEAVING SAID RIGHT-OF-WAY LINE NORTH 19 DEGREES 45 MINUTES 33 SECONDS WEST A DISTANCE OF 821.84 FEET TO A POINT; THENCE SOUTH 89 DEGREES 27 MINUTES 0 SECONDS WEST A DISTANCE OF 111.24 FEET TO A POINT; THENCE SOUTH 4 DEGREES 41 MINUTES 46 SECONDS EAST A DISTANCE OF 398.25 FEET TO A POINT; THENCE SOUTH 01 DEGREE 56 MINUTES 30 SECONDS EAST A DISTANCE OF 251.82 FEET TO A POINT; THENCE SOUTH 0 DEGREES 22 MINUTES 39 SECONDS EAST A DISTANCE OF 54.53 FEET TO A POINT; THENCE SOUTH 0 DEGREES 31 MINUTES 54 SECONDS EAST A DISTANCE OF 52.28 FEET TO A POINT; THENCE SOUTH 89 DEGREES 55 MINUTES 48 SECONDS WEST A DISTANCE OF 2,466.47 FEET MORE OR LESS TO A POINT IN THE CENTER OF YELLOW RIVER; THENCE ALONG SAID CENTERLINE OF YELLOW RIVER AND THE MEANDERINGS THEREOF FOR THE FOLLOWING BEARINGS AND DISTANCES: NORTH 9 DEGREES 39 MINUTES 31 SECONDS WEST A DISTANCE OF 49.76 FEET TO A POINT; THENCE NORTH 7 DEGREES 37 MINUTES 29 SECONDS WEST A DISTANCE OF 111.24 FEET TO A POINT; THENCE NORTH 6 DEGREES 26 MINUTES 13 SECONDS EAST A DISTANCE OF 73.53 FEET TO A POINT; THENCE NORTH 26 DEGREES 21 MINUTES 57 SECONDS EAST A DISTANCE OF 64.31 FEET TO A POINT; THENCE NORTH 36 DEGREES 7 MINUTES 27 SECONDS EAST A DISTANCE OF 74.38 FEET TO A POINT; THENCE NORTH 14 DEGREES 58 MINUTES 23 SECONDS EAST A DISTANCE OF 59.33 FEET TO A POINT; THENCE NORTH 11 DEGREES 24 MINUTES 15 SECONDS EAST A DISTANCE OF 76.27 FEET TO A POINT; THENCE NORTH 6 DEGREES 17 MINUTES 37 SECONDS WEST A DISTANCE OF 73.16 FEET TO A POINT; THENCE NORTH 2 DEGREES 47 MINUTES 41 SECONDS EAST A DISTANCE OF 79.99 FEET TO A POINT; THENCE NORTH 20 DEGREES 36 MINUTES 15 SECONDS WEST A DISTANCE OF 72.35 FEET TO A POINT; THENCE NORTH 34 DEGREES 58 MINUTES 57 SECONDS WEST A DISTANCE OF 54.11 FEET TO A POINT; THENCE NORTH 47 DEGREES 43 MINUTES 39 SECONDS WEST A DISTANCE OF 63.15 FEET TO A POINT; THENCE SOUTH 86 DEGREES 53 MINUTES 4 SECONDS WEST A DISTANCE OF 117.94 FEET TO A POINT; THENCE NORTH 80 DEGREES 28 MINUTES 29 SECONDS WEST A DISTANCE OF 106.04 FEET TO A POINT; THENCE NORTH 59 DEGREES 37 MINUTES 11 SECONDS WEST A DISTANCE OF 107.13 FEET TO A POINT; THENCE NORTH 50 DEGREES 7 MINUTES 59 SECONDS WEST A DISTANCE OF 126.46 FEET TO A POINT; THENCE NORTH 82 DEGREES 27 MINUTES 17 SECONDS WEST A DISTANCE OF 82.86 FEET TO A POINT; THENCE NORTH 57 DEGREES 23 MINUTES 26 SECONDS WEST A DISTANCE OF 39.41 FEET TO A POINT; THENCE NORTH 21 DEGREES 45 MINUTES 29 SECONDS WEST A DISTANCE OF 93.12 FEET TO A POINT; THENCE NORTH 6 DEGREES 55 MINUTES 18 SECONDS WEST A DISTANCE OF 74.43 FEET TO A POINT; THENCE NORTH 9 DEGREES 11 MINUTES 45 SECONDS EAST A DISTANCE OF 106.37 FEET TO A POINT; THENCE NORTH 10 DEGREES 9 MINUTES 33 SECONDS EAST A DISTANCE OF 121.67 FEET TO A POINT;

THENCE LEAVING SAID CENTERLINE OF YELLOW RIVER SOUTH 58 DEGREES 57 MINUTES 22 SECONDS EAST A DISTANCE OF 511.41 FEET TO A POINT; THENCE NORTH 78 DEGREES 9 MINUTES 11 SECONDS EAST A DISTANCE OF 540.13 FEET TO A POINT AT THE CENTERLINE OF A CREEK;

THENCE FOLLOWING THE CENTERLINE OF SAID CREEK FOR THE FOLLOWING BEARINGS AND DISTANCES: SOUTH 79 DEGREES 17 MINUTES 32 SECONDS EAST A DISTANCE OF 161.37 FEET TO A POINT; THENCE NORTH 67 DEGREES 47 MINUTES 54 SECONDS EAST A DISTANCE OF 138.86 FEET TO A POINT; THENCE NORTH 37 DEGREES 41 MINUTES 42 SECONDS EAST A DISTANCE OF 166.46 FEET TO A POINT; THENCE NORTH 82 DEGREES 9 MINUTES 53 SECONDS EAST A DISTANCE OF 409.15 FEET TO A POINT; THENCE NORTH 71 DEGREES 28 MINUTES 40 SECONDS EAST A DISTANCE OF 202.25 FEET TO A POINT; THENCE SOUTH 71 DEGREES 40 MINUTES 40 SECONDS EAST A DISTANCE OF 530.99 FEET TO A POINT; THENCE SOUTH 67 DEGREES 0 MINUTES 56 SECONDS EAST A DISTANCE OF 443.17 FEET TO A POINT; THENCE NORTH 67 DEGREES 49 MINUTES 17 SECONDS EAST A DISTANCE OF 95.48 FEET TO A POINT;

THENCE LEAVING THE CENTERLINE OF SAID CREEK SOUTH 28 DEGREES 31 MINUTES 38 SECONDS EAST A DISTANCE OF 201.11 FEET TO A POINT; THENCE 494.04 FEET ALONG AN ARC OF A CURVE TO THE RIGHT, (SAID CURVE HAVING A RADIUS OF 645.00 FEET AND A CHORD BEARING OF SOUTH 69 DEGREES 41 MINUTES 56 SECONDS EAST AND A CHORD DISTANCE OF 482.05 FEET) TO A POINT; THENCE 89.68 FEET ALONG AN ARC OF A CURVE TO THE LEFT, (SAID CURVE HAVING A RADIUS OF 100.00 FEET AND A CHORD BEARING OF SOUTH 76 DEGREES 18 MINUTES 42 SECONDS EAST AND A CHORD DISTANCE OF 95.60 FEET) TO A POINT; THENCE NORTH 75 DEGREES 7 MINUTES 57 SECONDS EAST A DISTANCE OF 1,089.95 FEET TO A POINT; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST A DISTANCE OF 547.14 FEET TO A POINT; THENCE NORTH 87 DEGREES 25 MINUTES 41 SECONDS EAST A DISTANCE OF 116.44 FEET TO A POINT; THENCE SOUTH 67 DEGREES 45 MINUTES 18 SECONDS EAST A DISTANCE OF 200.06 FEET TO A POINT ON SAID WESTERLY RIGHT-OF-WAY LINE OF NORRIS LAKE ROAD; THENCE ALONG SAID RIGHT-OF-WAY LINE 278.59 FEET ALONG AN ARC OF A CURVE TO THE LEFT, (SAID CURVE HAVING A RADIUS OF 1,047.12 FEET AND A CHORD BEARING AND DISTANCE OF SOUTH 20 DEGREES 53 MINUTES 40 SECONDS EAST 277.77 FEET TO A POINT; THENCE LEAVING SAID RIGHT-OF-WAY LINE SOUTH 47 DEGREES 40 MINUTES 17 SECONDS WEST A DISTANCE OF 558.24 FEET TO AN IRON PIN FOUND; THENCE SOUTH 44 DEGREES 8 MINUTES 24 SECONDS EAST A DISTANCE OF 270.28 FEET TO AN IRON PIN FOUND AND THE TRUE POINT OF BEGINNING.

SAID TRACT CONTAINING 122.77 ACRES, MORE OR LESS.

**NOTES**

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THIS SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION SUPPLIED AND TO THE SURVEYOR'S BEST KNOWLEDGE ARE APPROXIMATELY AS SHOWN. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
2. I HAVE EXAMINED THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR DEKALB COUNTY, GEORGIA AND INCORPORATED AREAS. COMMUNITY PANEL NUMBERS 1308C0181K, PANEL 181 OF 201, AND 1308SC0118K, PANEL 118 OF 201 EFFECTIVE DATE DECEMBER 8, 2016 AND FOUND A PORTION OF THE PROPERTY SHOWN HEREON TO FALL WITHIN A DESIGNATED FLOOD ZONE "AE" (AREAS OF 100 YEAR FLOOD).
3. THIS SITE IS TIED TO A GRID NORTH BASED ON GPS OBSERVATIONS AND WERE ADJUSTED BY PLANNERS AND ENGINEERS COLLABORATIVE IN MAY 2018. NORTH AMERICAN DATUM OF 1983 (NAD83), NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), GEORGIA WEST ZONE STATE PLANE COORDINATES.
4. THE TERM "CERTIFICATION" RELATING TO PROFESSIONAL ENGINEERING AND LAND SURVEYING SERVICES SHALL MEAN A SIGNED STATEMENT BASED UPON FACTS AND KNOWLEDGE KNOWN TO THE REGISTRANT AND IS NOT A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED.
5. NO ZONING INFORMATION PROVIDED FOR BUILDING SETBACKS.
6. THERE IS NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK.
7. THE CENTERLINE OF YELLOW RIVER AS LOCATED ON MAY 18, 2018 IS SUBJECT TO CHANGE DUE TO NATURAL CAUSES AND MAY OR MAY NOT REPRESENT THE ACTUAL LIMITS OF TITLE.
8. A COMPREHENSIVE FIELD REVIEW OF THE WETLANDS, INTERMITTENT STREAMS, PERENNIAL STREAMS AND OPEN WATERS WAS COMPLETE ON MAY 17, 2018 BY TUPELO ECOLOGICAL ASPECTS, INC.
9. PARCEL LINES DEPICTED HEREON NOTED AS PROPOSED ARE TENTATIVE AND DO NOT REPRESENT AN ACTUAL SUBDIVISION OF THE PROPERTY THAT HAS BEEN REVIEWED AND APPROVED BY THE JURISDICTIONAL GOVERNING AUTHORITY(S).
10. THIS SURVEY IS A RETRACEMENT OF EXISTING PROPERTY.
11. THE LEGAL DESCRIPTION SHOWN IS TRUE AND CORRECT DEPICTION OF THE SURVEYED PROPERTY.

**TITLE EXCEPTIONS**

Commonwealth Land Title Insurance Company Commitment number 1353.0089 with an effective date of February 8, 2018 was used in the preparation of this survey and the listed exceptions are as follows:

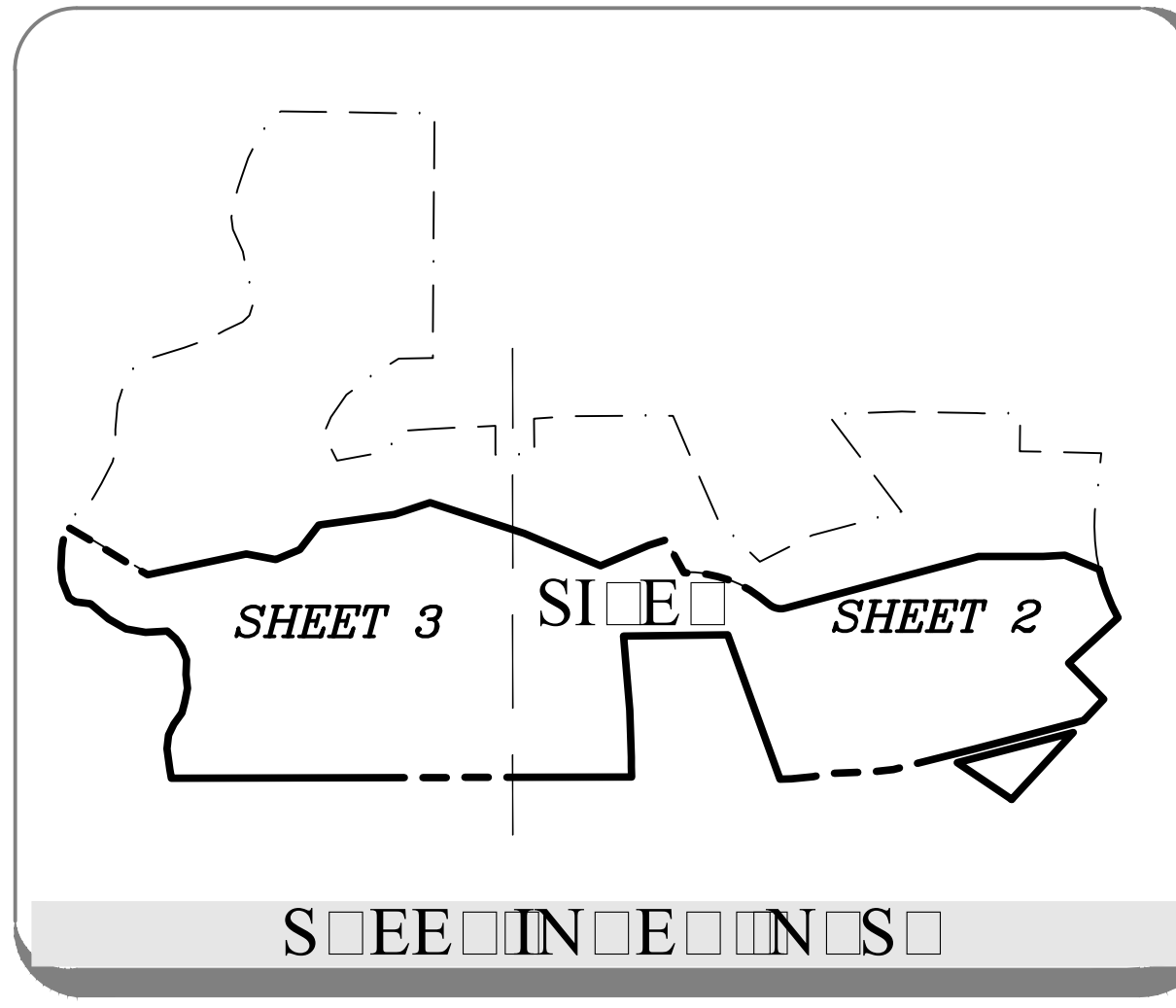
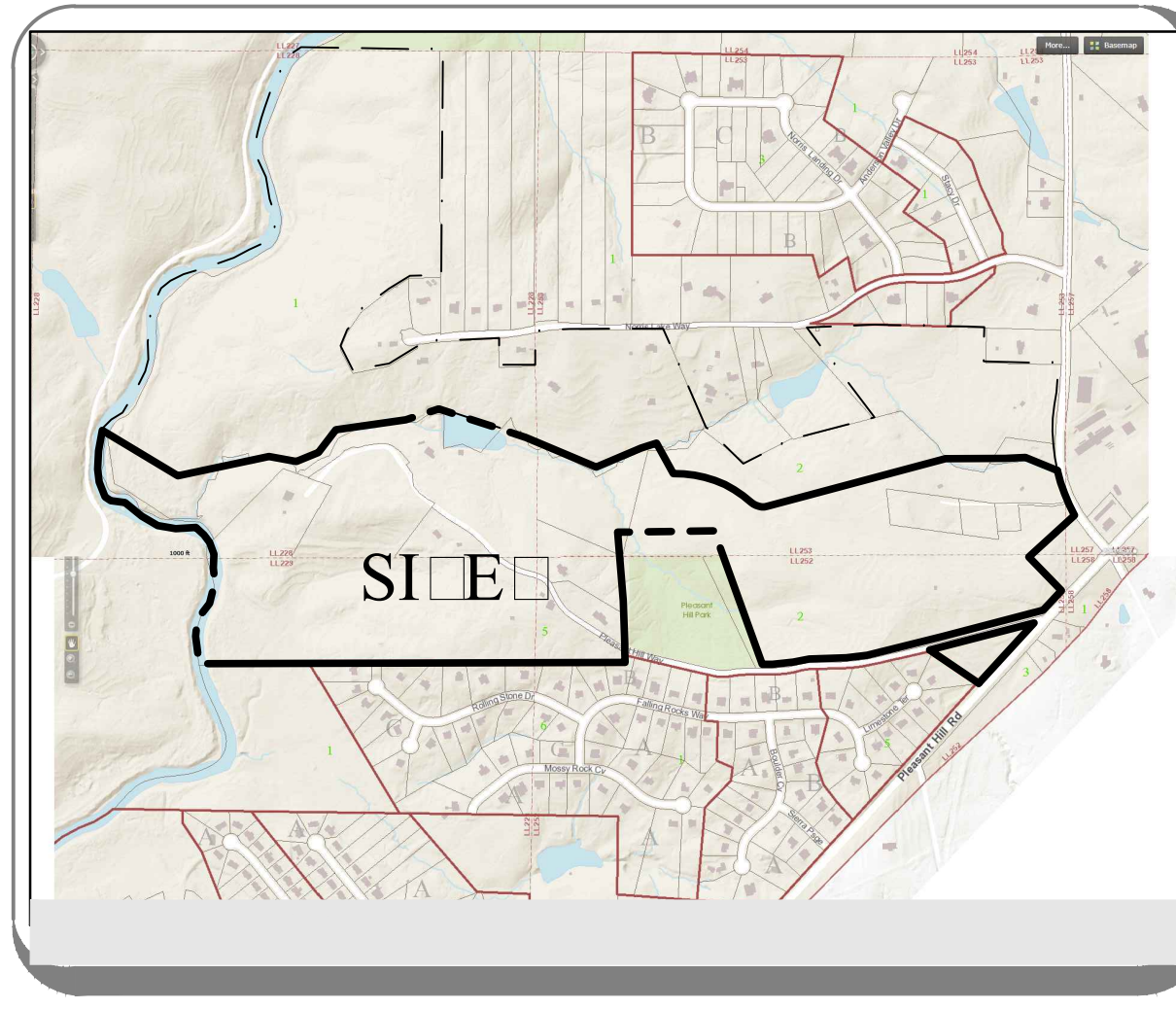
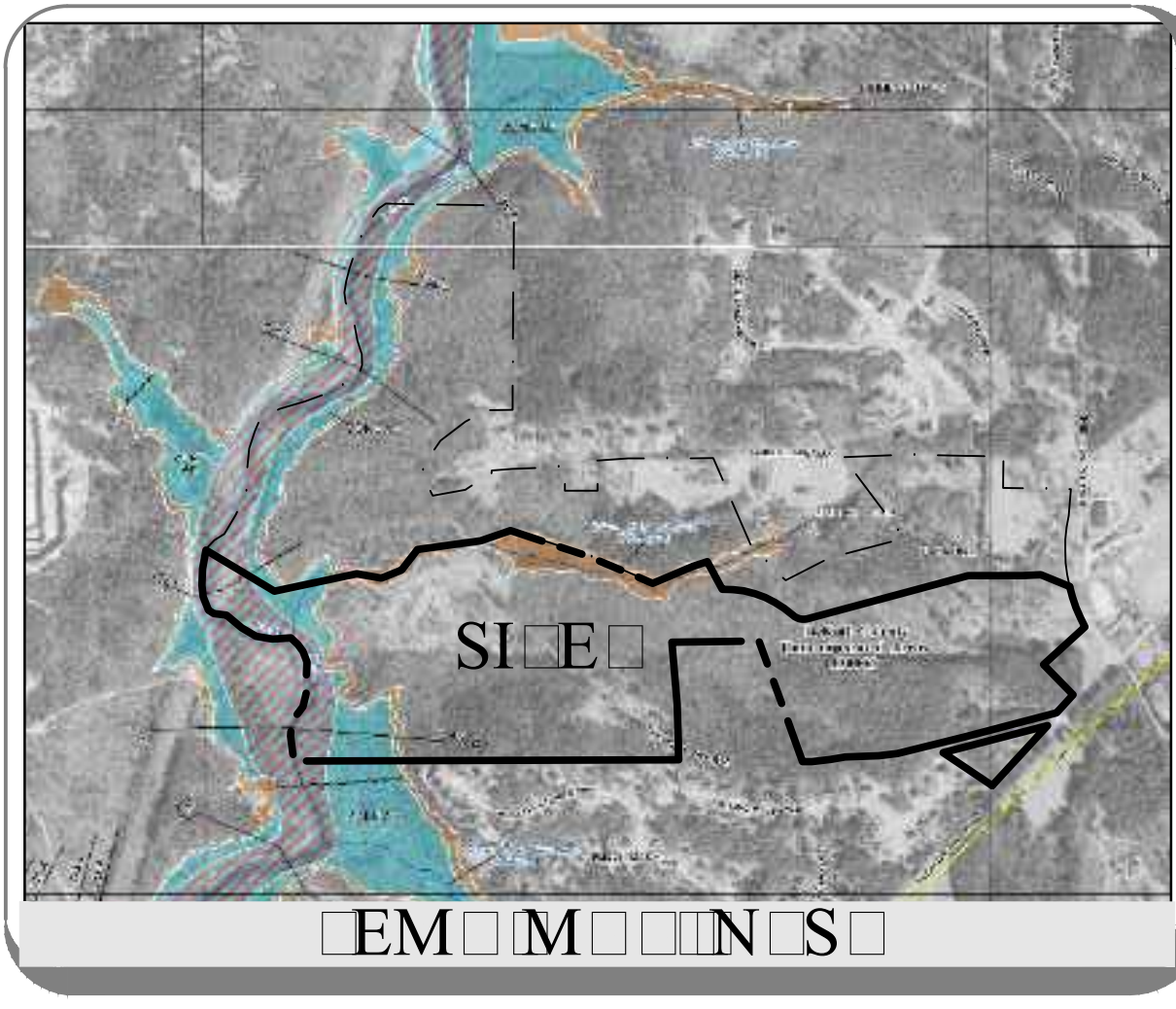
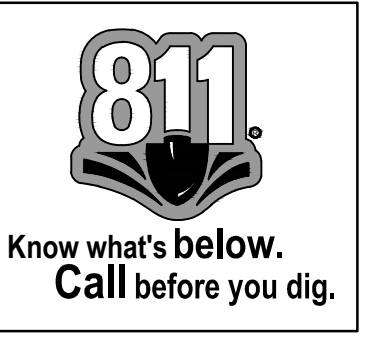
10. Easement for Right-of-Way from Harry Mullinax to Georgia Power Company, dated January 19, 1971, filed for record February 8, 1971 at 10:50 a.m., recorded in Deed Book 2612, Page 686, Records of DeKalb County, Georgia. Affects the subject property, the deed is nonspecific on its description and surveyor is unable to plot.
11. Easement for Right-of-Way from Charles M. Marbut to Georgia Power Company, dated January 7, 1971, filed for record February 8, 1971 at 10:50 a.m., recorded in Deed Book 2612, Page 686, Records of DeKalb County, Georgia. Affects the subject property, the deed is nonspecific on its description and surveyor is unable to plot.
12. Driveway Agreement contained in Warranty Deed between Arthur Hemy Clark and Thomas D. Broadnax and Angela C. Broadnax, dated June 18, 1971, filed for record June 21, 1971 at 10:12 a.m., recorded in Deed Book 2659, Page 336, aforesaid Records. Affects the subject property as shown on the survey.
13. Right-of-Way Easement from Dorothy K. S. to Southern Bell Telephone and Telegraph Company, dated September 19, 1985, filed for record June 4, 1986 at 9:39 a.m., recorded in Deed Book 5486, Page 546, aforesaid Records. Affects the subject property, the deed is nonspecific on its description and surveyor is unable to plot.
14. Easement from Beatrice Ezzie Gattis Clark, as Executrix under the Last Will and Testament of Arthur Henry Clark to Thomas D. Broadnax and Angela C. Broadnax, dated December 1, 1989, filed for record January 8, 1990 at 4:15p.m., recorded in Deed Book 6613, Page 247, aforesaid Records. Affects the subject property as shown on the survey.
15. Right-of-Way Easement from Julie Diane Mullinax to Walton Electric Membership Corporation, a corporation, dated March 29, 1989, filed for record June 28, 1991 at 8:30 a.m., recorded in Deed Book 6969, Page 540, aforesaid Records. Affects the subject property, the deed is nonspecific on its description and surveyor is unable to plot.
16. Right-of-Way Easement from Sandra G. Gaylor to Walton Electric Membership Corporation, a corporation, dated February 12, 1991, filed for record January 23, 1992 at 8:30a.m., recorded in Deed Book 7159, Page 255, aforesaid Records. Affects the subject property, the deed is nonspecific on its description and surveyor is unable to plot.
17. Ingress and egress easement contained in Warranty Deed between Margrethe Grace Marbut, Executrix of the Last Will and Testament of Charles Mercer Marbut a/k/a Charles M. Marbut, deceased, and James R. Deason, dated July 11, 1996, filed for record July 17, 1996 at 8:30a.m., recorded in Deed Book 9069, Page 77, aforesaid Records, as re-recorded in Deed Book 9150, Page 162, aforesaid Records. Affects the subject property as show on the survey.
18. Right-of-Way Easement from James R. Deason to Walton Electric Membership Corporation, a corporation, dated April 16, 1998, filed for record March 18, 1999 at 2:46p.m., recorded in Deed Book 10385, Page 112, aforesaid Records. Affects the subject property, the deed is nonspecific on its description and surveyor is unable to plot.
19. Water Rights Agreement and Easement by James Smith and James and Patricia Deason, dated May 1, 2001, filed for record May 4, 2001 at 2:13p.m., recorded in Deed Book 12075, Page 535, aforesaid Records. Affects the subject property, the deed is nonspecific on its water well and waterlines descriptions and surveyor is unable to plot.
20. Easement contained in Right of Way Deed by and between Julie Corene Mullinax, and Dekalb County, Georgia, a political subdivision of the State of Georgia, dated April 22, 2004, filed for record May 21, 2004 at 11:45 a.m., recorded in Deed Book 16169, Page 111, aforesaid Records. Affects the subject property as shown on the survey.
21. Easement contained in Right of Way Deed by and between Tony Love and Deanda Love, and Dekalb County, Georgia, a political subdivision of the State of Georgia, dated April 22, 2004, filed for record May 21, 2004 at 11:45 a.m., recorded in Deed Book 16169, Page 125, aforesaid Records. Affects the subject property as shown on the survey.
22. All matters disclosed by Plat recorded in Plat Book 171, Page 26, aforesaid Records.
23. Any security interest created at closing.

**LEGEND**

- IRON PIN FOUND (4x IR-Red unless noted otherwise)
- IRON PIN SET (4x IR-Red unless noted otherwise)
- IRON PIN WITH CAP FOUND
- POINT
- OPEN TOP PIPE FOUND
- CRAMP TOP PIPE FOUND
- ANGLE IRON
- IRON NAIL FOUND
- IRON NAIL SET
- CONCRETE MONUMENT FOUND
- RIGHT OF WAY MONUMENT FOUND
- UTILITY POLE (CARRIES MULTIPLE UTILITIES)
- POWER POLE (WOOD)
- SERVICE POLE W/ LIGHT
- POWER POLE W/ GUY WIRE
- OVERHEAD POWER / TELEPHONE LINE
- ELECTRIC METER
- WATER VALVE
- FIRE HYDRANT
- WATER METER
- GAS METER
- STORM SEWER LINE
- SINGLE WING CATCH BASIN
- DOUBLE WING CATCH BASIN
- CURB INLET
- DRIP INLET
- JUNCTION BOX
- SANITARY SEWER LINE
- SANITARY SEWER CLEANOUT
- SANITARY SEWER MANHOLE
- TELEPHONE BOX
- TELEPHONE MANHOLE
- MONITORING WELL
- FIBER OPTIC MARKER
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND CABLE LINE
- FO UNDERGROUND FIBER OPTIC LINE

**ABBREVIATIONS**

- APPROX APPROXIMATE
- BM BENCH MARK
- C&G CURB & GUTTER
- CMR CORRUGATED METAL PIPE
- CL CENTERLINE
- DB DEED BOOK
- DIP DUCTILE IRON PIPE
- DIR DIRECTION
- INV INVERT
- P.O.B. POINT OF BEGINNING
- SWCB SINGLE WING CATCH BASIN
- DWCB DOUBLE WING CATCH BASIN
- FB FLAT BOOK
- IFP IRON OR FORMALLY
- RCPC REINFORCED CONCRETE PIPE
- LP LIGHT POLE
- LPP LAMP POST
- MB MAILBOX



The field data upon which this map or plat is based has a closure precision of one foot in 44,819 feet and an angular error of 00° 00' 01" per angle point and was adjusted using the compass adjustment rule.

This map or plat has been calculated for closure and is found to be accurate to within one foot in 583,862 feet.

**EQUIPMENT USED:**

- ANGULAR: TOPCON TOTAL STATION
- LINEAR: TOPCON TOTAL STATION

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(770)451-2741 WWW.PECCAT.COM

REV	DATE	DESCRIPTION	BY
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REV	DATE	DESCRIPTION	BY
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8			
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LAND LOT(S) 228, 229, 252, 253, 257 & 258  
DISTRICT 16th

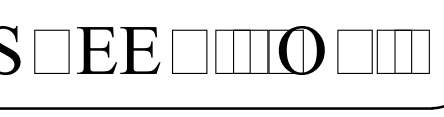
**BOUNDARY SURVEY**

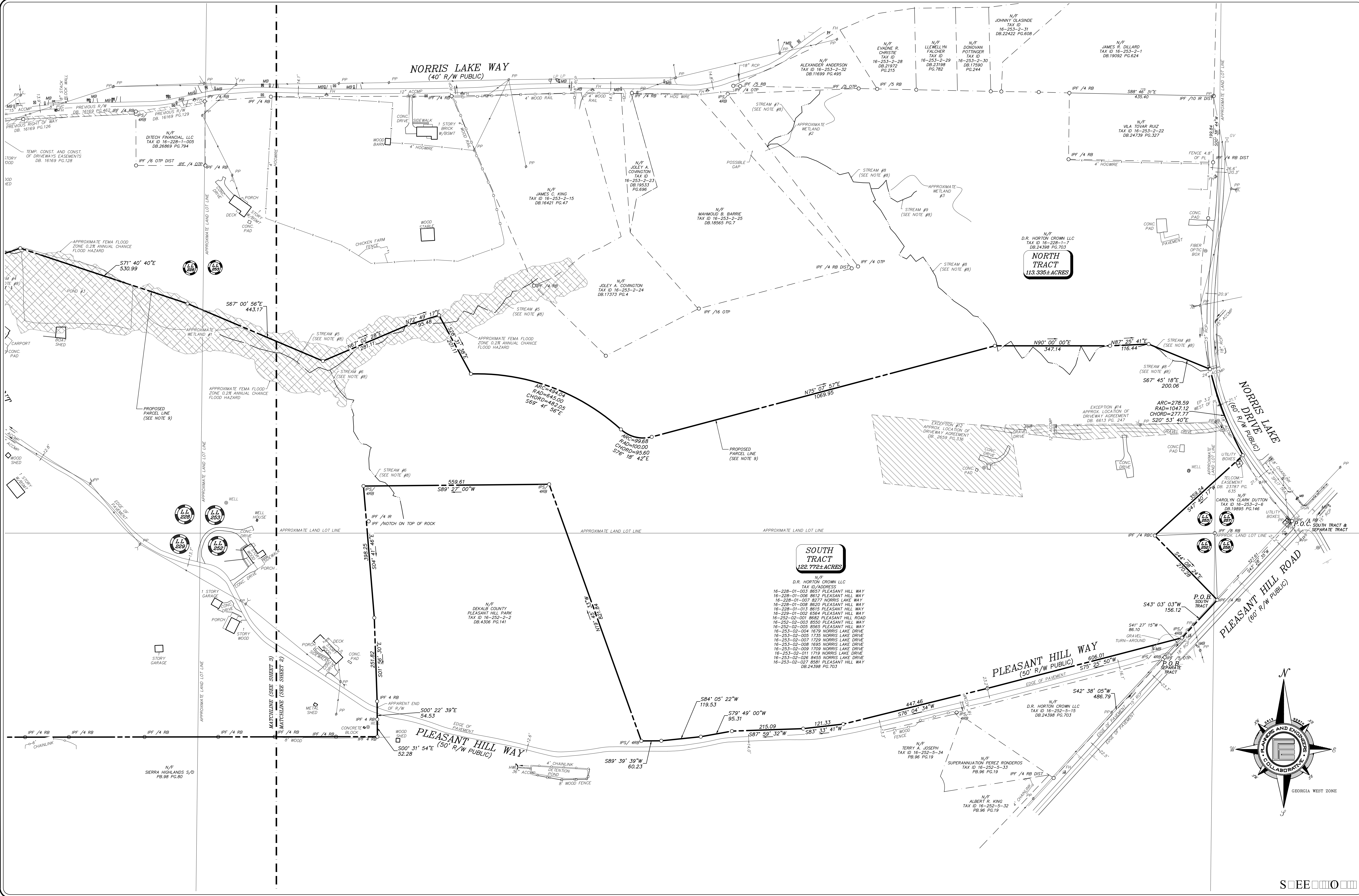
PLEASANT HILL WAY (SOUTH TRACT)

DEKALB COUNTY  
GEORGIA



DRAWN BY: FA  
CHECKED BY: JHN  
FILE NO.: 16309.00  
DATE: MAY 18, 2018  
SCALE:  
DATE OF FIELD WORK: MAY 18, 2018





**SOUTH TRACT**  
122.772± ACRES

N/F  
D.R. HORTON CROWN LLC  
TAX ID ADDRESS  
16-228-01-003 8657 PLEASANT HILL WAY  
16-228-01-006 8618 PLEASANT HILL WAY  
16-228-01-007 8277 NORRIS LAKE WAY  
16-228-01-008 8620 PLEASANT HILL WAY  
16-228-01-013 8615 PLEASANT HILL WAY  
16-229-01-002 6564 PLEASANT HILL ROAD  
16-252-02-001 8668 PLEASANT HILL ROAD  
16-252-02-003 8550 PLEASANT HILL WAY  
16-252-02-005 8565 PLEASANT HILL WAY  
16-253-02-004 1679 NORRIS LAKE DRIVE  
16-253-02-005 1725 NORRIS LAKE DRIVE  
16-253-02-007 1725 NORRIS LAKE DRIVE  
16-253-02-008 1695 NORRIS LAKE DRIVE  
16-253-02-009 1709 NORRIS LAKE DRIVE  
16-253-02-011 1719 NORRIS LAKE DRIVE  
16-253-02-026 8435 NORRIS LAKE DRIVE  
16-253-02-027 8381 PLEASANT HILL WAY  
DB.24398 PG.703

**NORTH TRACT**  
113.935± ACRES

N/F  
D.R. HORTON CROWN LLC  
TAX ID ADDRESS  
16-228-1-7  
DB.24398 PG.703

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REV	DATE	DESCRIPTION	BY
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REV	DATE	DESCRIPTION	BY
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LAND LOT(S) 228, 229, 252, 253, 257 & 258  
DISTRICT 16th

**BOUNDARY SURVEY**  
OF  
**PLEASANT HILL WAY (SOUTH TRACT)**

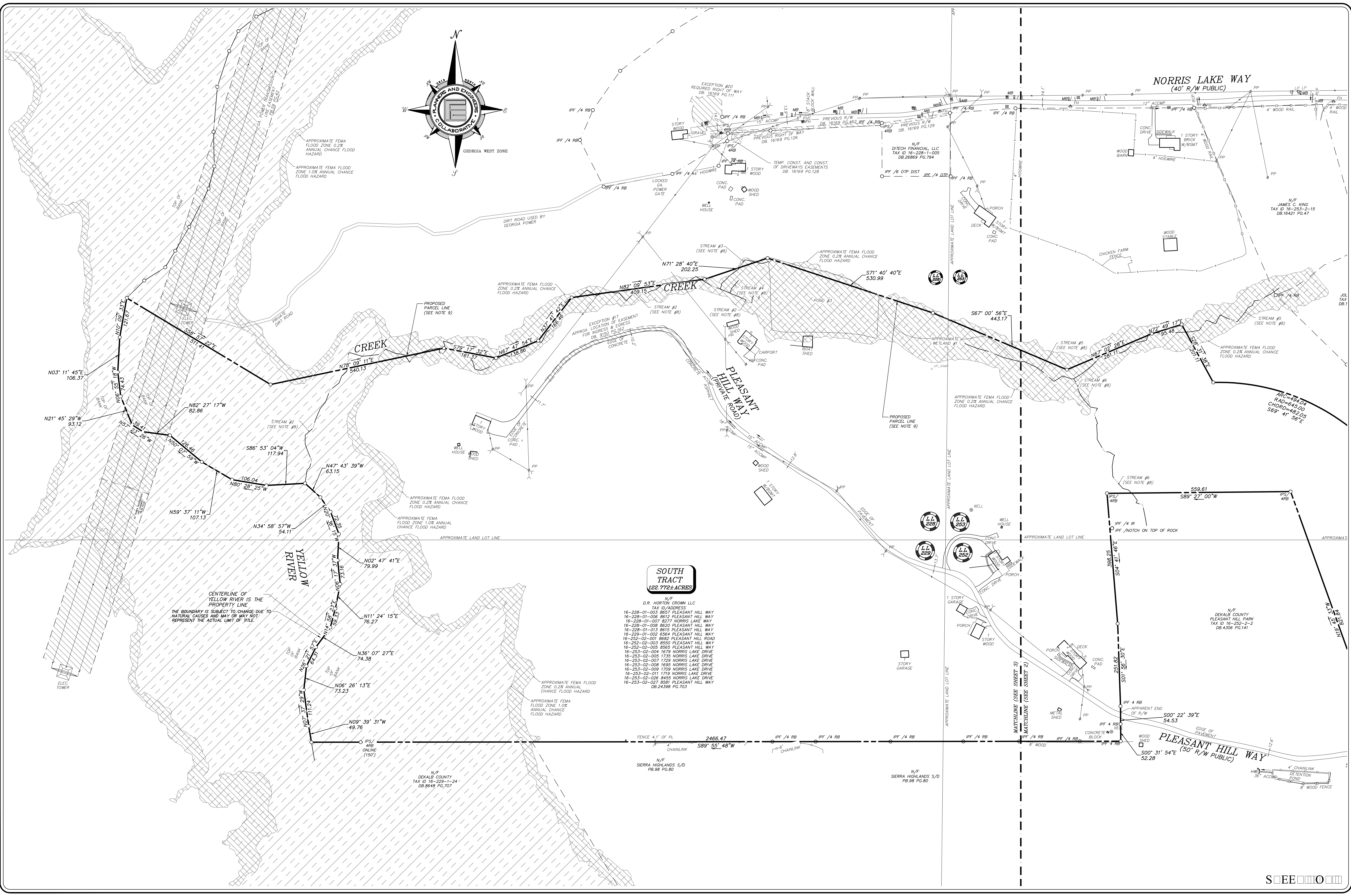
DEKALB COUNTY  
GEORGIA



DRAWN BY: FA  
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FILE NO.: 16309.00  
DATE: MAY 18, 2018  
SCALE:  
DATE OF FIELD WORK: MAY 18, 2018



NORRIS LAKE WAY  
(40' R/W PUBLIC)



**SOUTH TRACT**  
122.772± ACRES

N/F  
D.R. HORTON CROWN LLC  
TAX ID: ADDRESS  
16-228-01-003 8857 PLEASANT HILL WAY  
16-228-01-008 8812 PLEASANT HILL WAY  
16-228-01-007 8277 NORRIS LAKE WAY  
16-228-01-008 8620 PLEASANT HILL WAY  
16-228-01-013 8815 PLEASANT HILL WAY  
16-229-01-002 8364 PLEASANT HILL WAY  
16-252-02-001 8688 PLEASANT HILL ROAD  
16-252-02-003 8550 PLEASANT HILL WAY  
16-252-02-005 8565 PLEASANT HILL WAY  
16-253-02-004 1879 NORRIS LAKE DRIVE  
16-253-02-005 1735 NORRIS LAKE DRIVE  
16-253-02-007 1729 NORRIS LAKE DRIVE  
16-253-02-008 1695 NORRIS LAKE DRIVE  
16-253-02-009 1709 NORRIS LAKE DRIVE  
16-253-02-011 1719 NORRIS LAKE DRIVE  
16-253-02-026 8455 NORRIS LAKE DRIVE  
16-253-02-027 8301 PLEASANT HILL WAY  
DB.24398 PG.703

CENTERLINE OF YELLOW RIVER IS THE PROPERTY LINE  
THE BOUNDARY IS SUBJECT TO CHANGE DUE TO NATURAL CAUSES AND MAY OR MAY NOT REPRESENT THE ACTUAL LIMIT OF TITLE.

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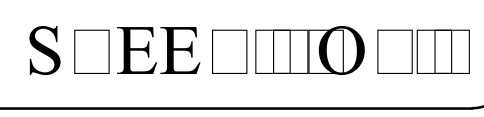
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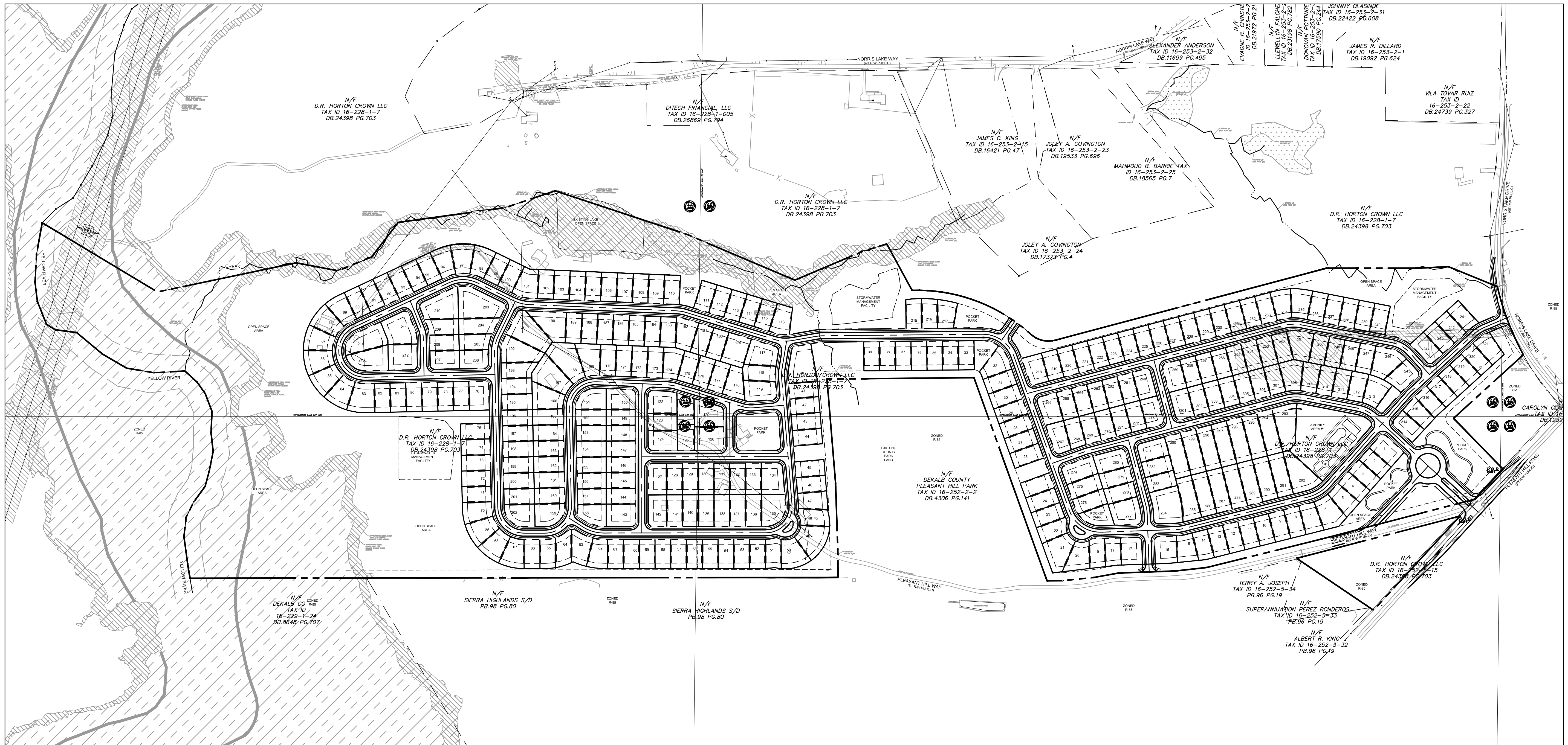
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DEKALB COUNTY  
GEORGIA



DRAWN BY: FA  
CHECKED BY: JHN  
FILE NO.: 16309.00  
DATE: MAY 18, 2018  
SCALE:  
DATE OF FIELD WORK: MAY 18, 2018





# RED STAG SKETCH PLAT

A MASTER PLANNED RESIDENTIAL DEVELOPMENT

FOR  
**D.R. HORTON**  
 1371 DOGWOOD DR SW  
 CONYERS, GA 30012  
 PHONE: 470-774-4884

"WE PROVIDE SOLUTIONS"

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CITY OF SNELLVILLE / LITHONIA  
 DEKALB COUNTY  
 GEORGIA

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3	01/27/20	CAH	3RD SUBMITTAL

HANSEN FILE NO: 1243655

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## OVERALL SITE PLAN

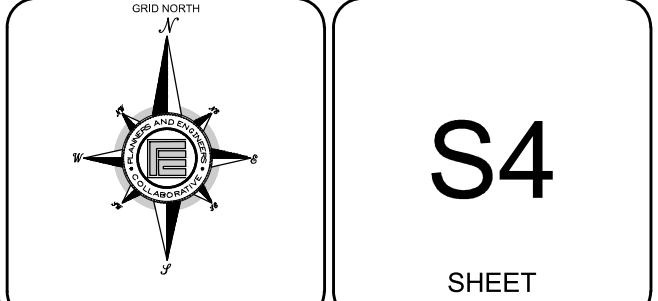


SCALE: 1" = 200'  
 DATE: 01/27/2020  
 PROJECT: 16309.00

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 CERTIFICATION # 0000068476 EXP. 06/22/2021

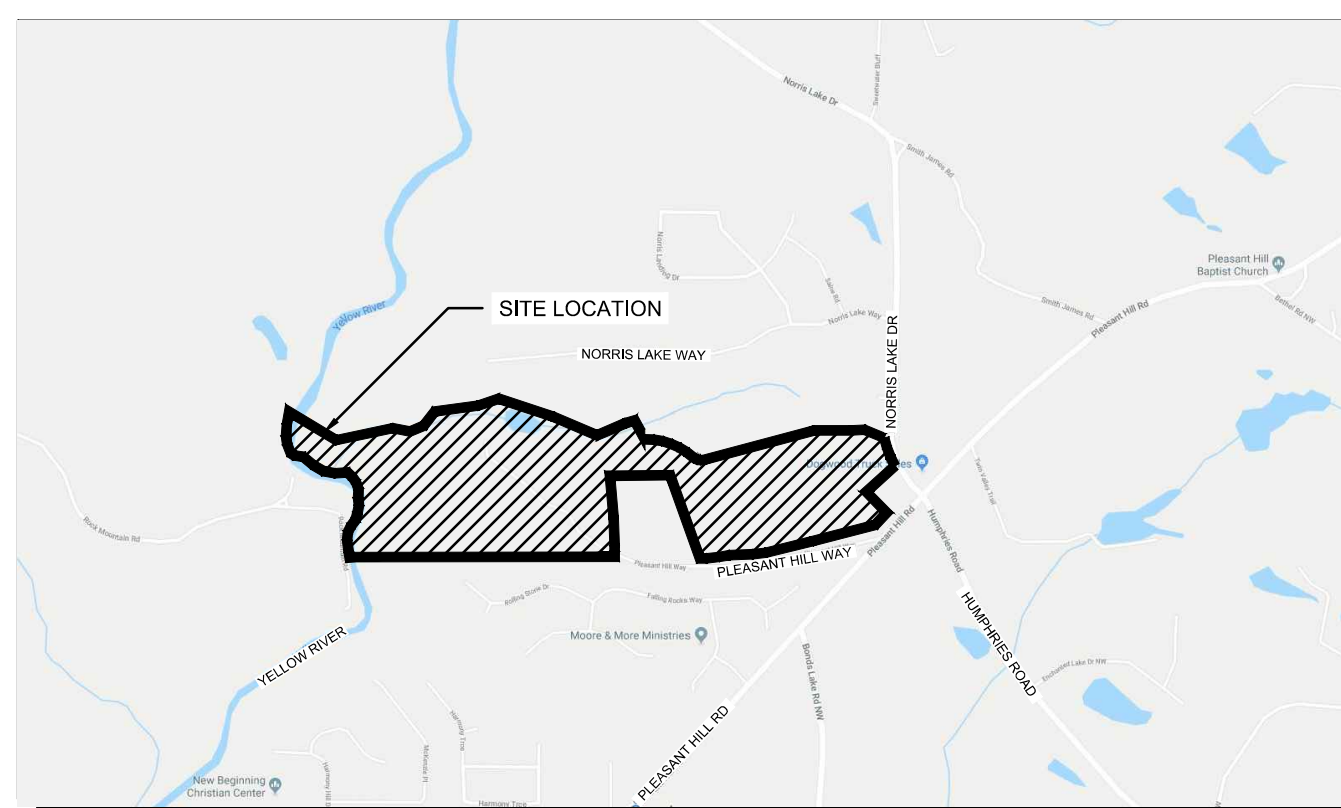


SITE DATA	
SITE AREA	122.772 AC
ZONING	RNC
EXISTING ZONING	RNC
ZONING JURISDICTION	DEKALB COUNTY
DENSITY CALCULATIONS	
BASE / BONUS MAX X' PRODUCT TYPE	
X' PRODUCT TYPE	
TOTAL RESIDENTIAL UNITS PROPOSED	321 UNITS
PROPOSED DENSITY (UNITS/AC)	2.61
BUILDING SETBACK SUMMARY	
PERIMETER SETBACKS	30 FEET
FRONT SETBACK	20 FEET
SIDE SETBACK	3 FEET (MIN. 10' SEPERATION BETWEEN BUILDINGS)
REAR SETBACK	20 FEET
MINIMUM LOT AREA	5000 SF
MINIMUM LOT WIDTH	50 FEET
MAXIMUM LOT COVERAGE	50%
OPEN SPACE SUMMARY	
MINIMUM OPEN SPACE REQUIRED	24.554 AC (20% TOTAL SITE AREA)
OPEN SPACE PROVIDED	29.197 AC (23.8% TOTAL SITE AREA)
PARKING SUMMARY	
MINIMUM PARKING REQUIRED	2 SPACES / DWELLING UNIT
MAXIMUM PARKING REQUIRED	4 SPACES / DWELLING UNIT
TOTAL PARKING PROVIDED	

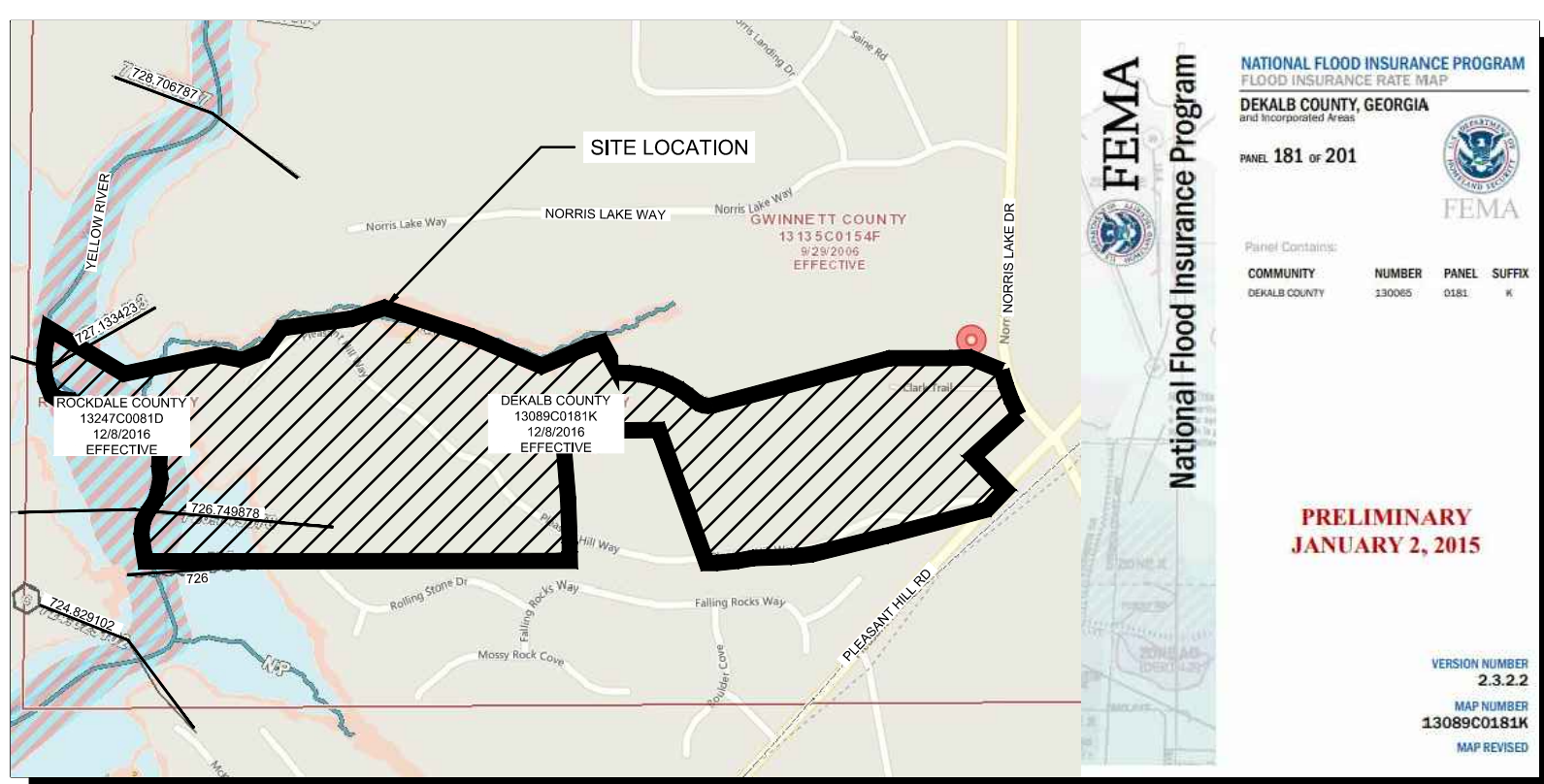
**24 HOUR CONTACT:**  
**JAY COOMBE @ 470-774-4884**

THIS SKETCH PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE PLANNING COMMISSION OF DEKALB COUNTY, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_.

BY: \_\_\_\_\_ (BY DIRECTOR)  
 PLANNING COMMISSION CHAIRMAN  
 DEKALB COUNTY, GEORGIA



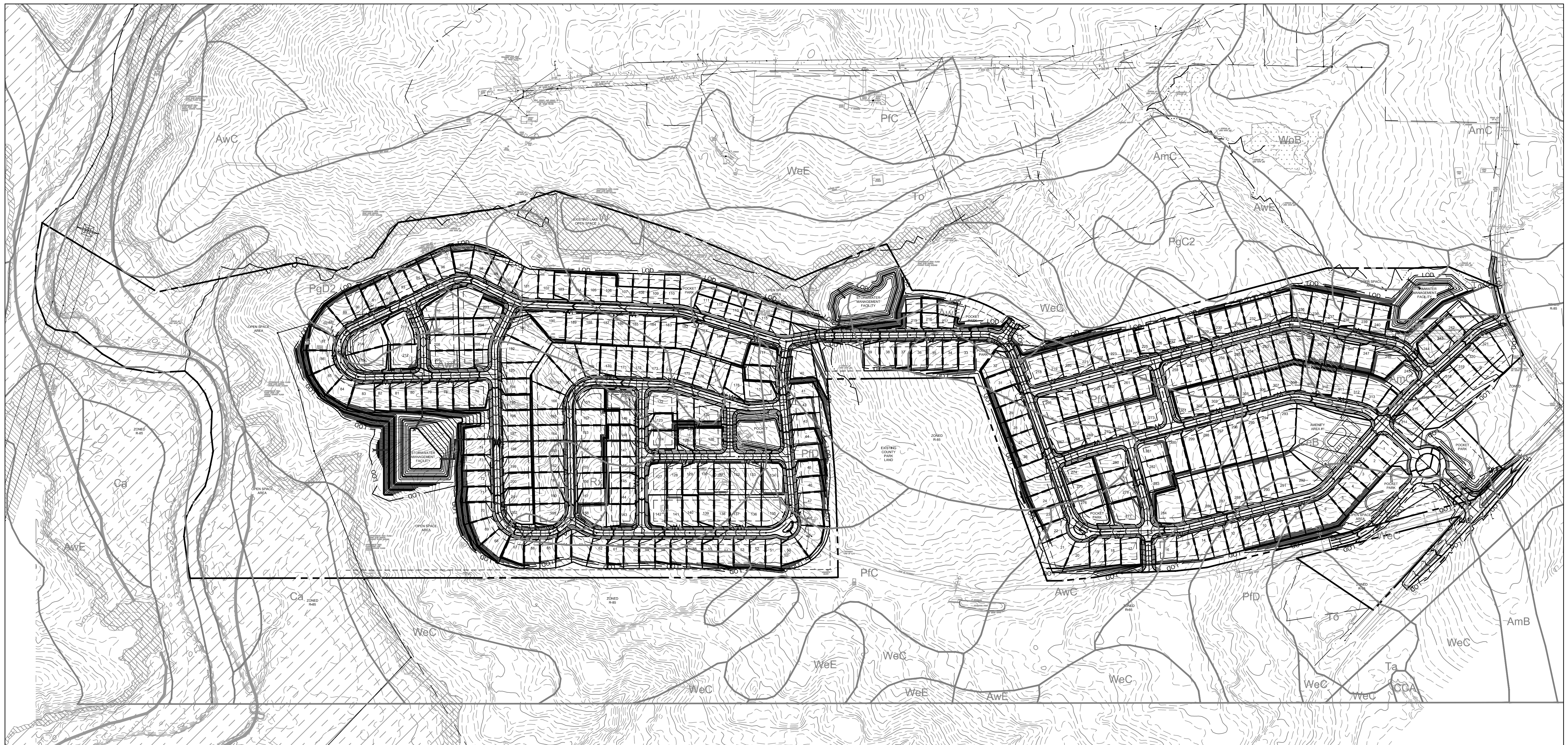
**SITE LOCATION MAP**  
 NOT TO SCALE



**FEMA FIRM MAP**  
 FEMA FIRM PANEL NO.: 13089C0181K  
 NOT TO SCALE

**FEMA**  
 NATIONAL FLOOD INSURANCE PROGRAM  
 PRELIMINARY JANUARY 2, 2015





# RED STAG SKETCH PLAT

A MASTER PLANNED RESIDENTIAL DEVELOPMENT

FOR  
**D.R. HORTON**  
 1371 DOOGWOOD DR SW  
 CONYERS, GA 30012  
 PHONE: 470-774-4884

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CITY OF SNELLVILLE/LITHONIA  
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 GEORGIA

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### SKETCH PLAT

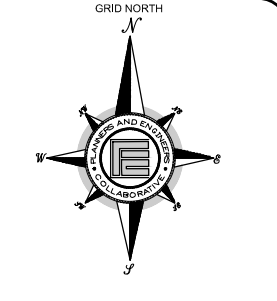


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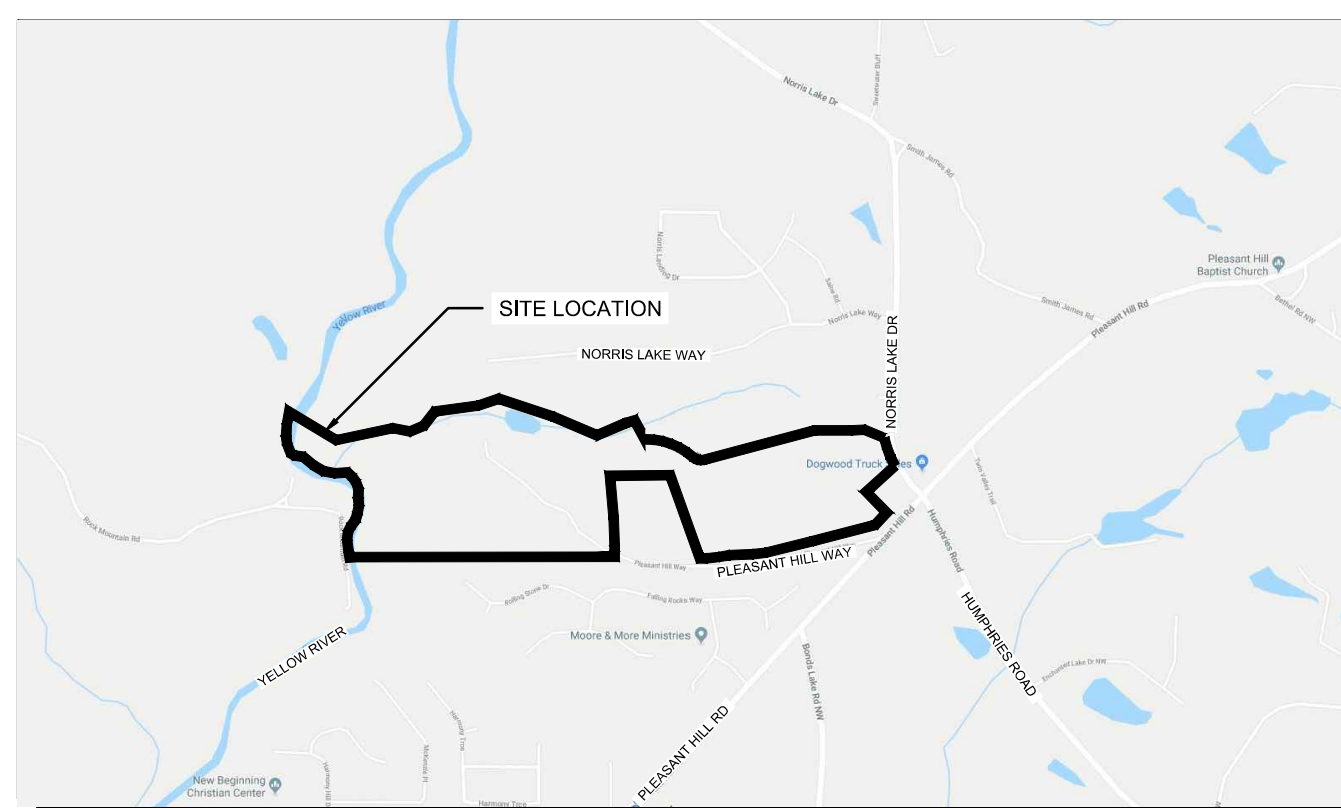
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**S5**  
 SHEET

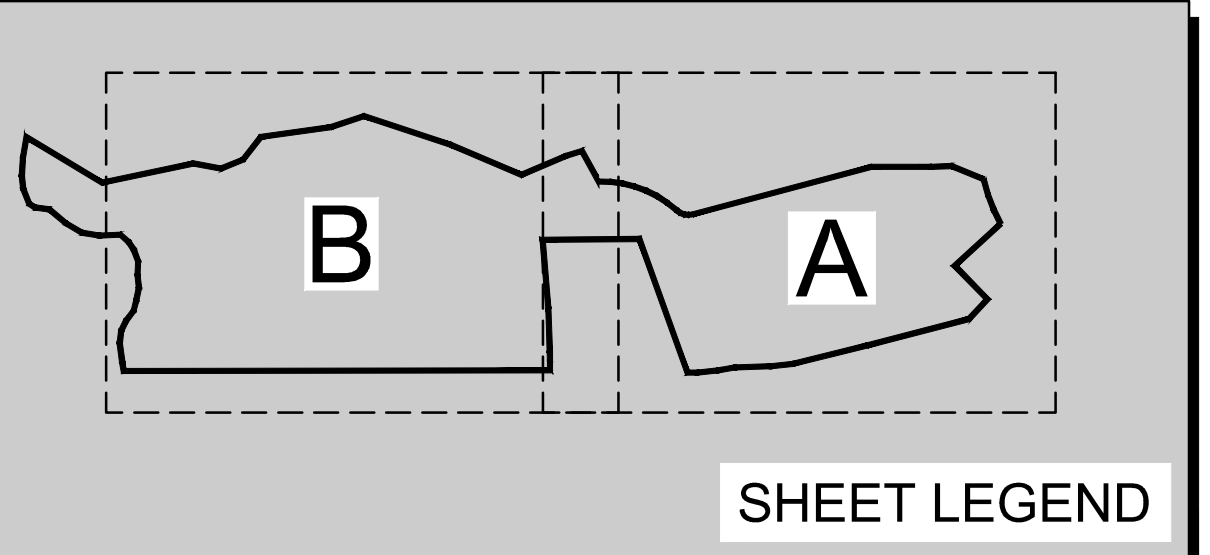


SITE LOCATION MAP  
 NOT TO SCALE



FEMA FIRM MAP  
 FEMA FIRM PANEL NO.: 13089C0181K  
 NOT TO SCALE

SOIL SERIES CLASSIFICATION	
AmB	appling sandy loam, 2 to 6 percent slopes
AmC	appling sandy loam, 6 to 10 percent slopes
AvD	ashlar sandy loam, very rocky, 6 to 15 percent slopes
AvF	ashlar sandy loam, very rocky, 15 to 45 percent slopes
AwC	ashlar-wedowee complex, 2 to 10 percent slopes
AwE	ashlar-wedowee complex, 10 to 25 percent slopes
Ca	cartecay silt loam, frequently flooded
CeB	cecil sandy loam, 2 to 6 percent slopes
CeC	cecil sandy loam, 6 to 10 percent slopes
PfC	pacolet sandy loam, 2 to 10 percent slopes
PfD	pacolet sandy loam, 10 to 15 percent slopes
PfE	pacolet sandy loam, 15 to 30 percent slopes
PgC2	pacolet sandy clay loam, 2 to 10 percent slopes, eroded
PgD2	pacolet sandy clay loam, 10 to 15 percent slopes, moderately eroded rock outcrop
Rx	rock outcrop
Tf	toccoa sandy loam, 0 to 2 percent slopes, frequently flooded
To	toccoa sandy loam, high
W	water
WeB	wedowee sandy loam, 2 to 6 percent slopes
WeC	wedowee sandy loam, 6 to 10 percent slopes
WeE	wedowee sandy loam, 10 to 25 percent slopes
Wf	wehadkee silt loam, frequently flooded
WoB	worsham sandy loam, 2 to 6 percent slopes
AmB	appling sandy loam, 2 to 6 percent slopes
AmC	appling sandy loam, 6 to 10 percent slopes
CCA	cartecay and chewacla soils, frequently flooded
PaD	pacolet sandy loam, 10 to 15 percent slopes
Ta	toccoa fine sandy loam, rarely flooded
WeB	wedowee sandy loam, 2 to 6 percent slopes
WeC	wedowee sandy loam, 6 to 10 percent slopes
WeD	wedowee sandy loam, 10 to 15 percent slopes



THERE ARE KNOWN STATE WATERS ON THE PROPERTY  
 THERE ARE NO IMPAIRED STREAMS NEAR THE SITE  
 THERE ARE WETLANDS INTERIOR TO THE PROPERTY

24 HOUR CONTACT:  
 JAY COOMBE @ 470-774-4884

THIS SKETCH PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE PLANNING COMMISSION OF DEKALB COUNTY, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

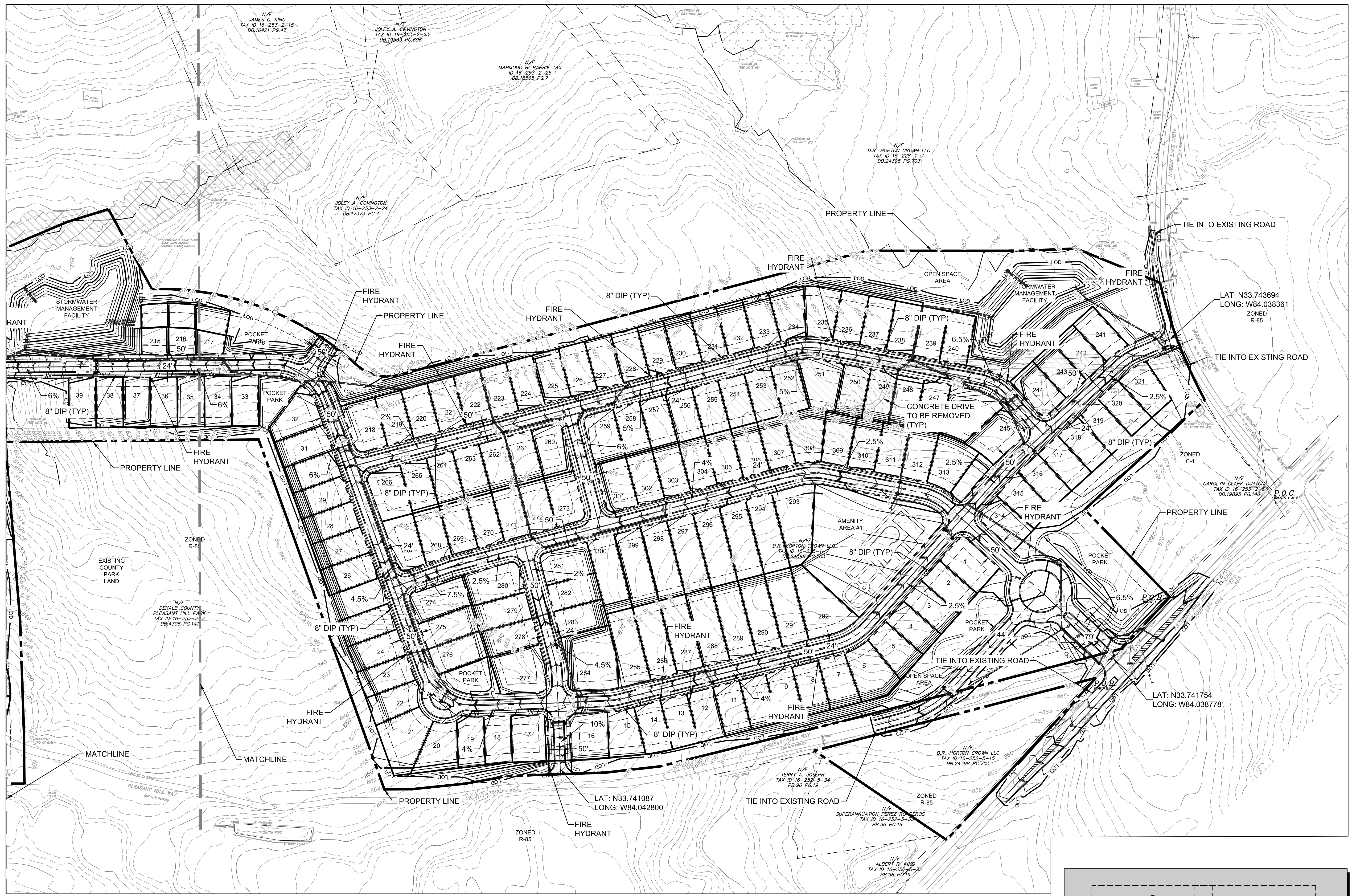
BY: \_\_\_\_\_ (BY DIRECTOR)  
 PLANNING COMMISSION CHAIRMAN  
 DEKALB COUNTY, GEORGIA

**NOTE:**

- DEKALB COUNTY SANITATION WILL BE RESPONSIBLE FOR HANDLING HOUSEHOLD WASTE, YARD DEBRIS AND RECYCLABLE MATERIAL.



11/03/2020 09:58:00 AM S:\Projects\16309\16309.dwg - cadman - 1/27/2020 9:01 AM



# RED STAG SKETCH PLAT

A MASTER PLANNED RESIDENTIAL DEVELOPMENT

FOR  
**D.R. HORTON**  
 1371 DOGWOOD DR SW  
 CONYERS, GA 30012  
 PHONE: 470-774-4884

"WE PROVIDE SOLUTIONS"  
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CITY OF SNELLVILLE/LITHONIA  
 DEKALB COUNTY  
 GEORGIA

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## SKETCH PLAT A

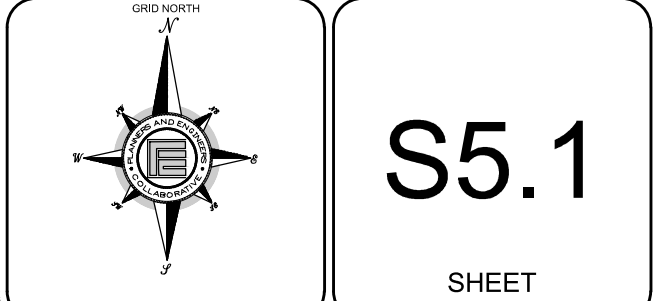


SCALE: 1" = 100'  
 DATE: 01/27/2020  
 PROJECT: 16309.00

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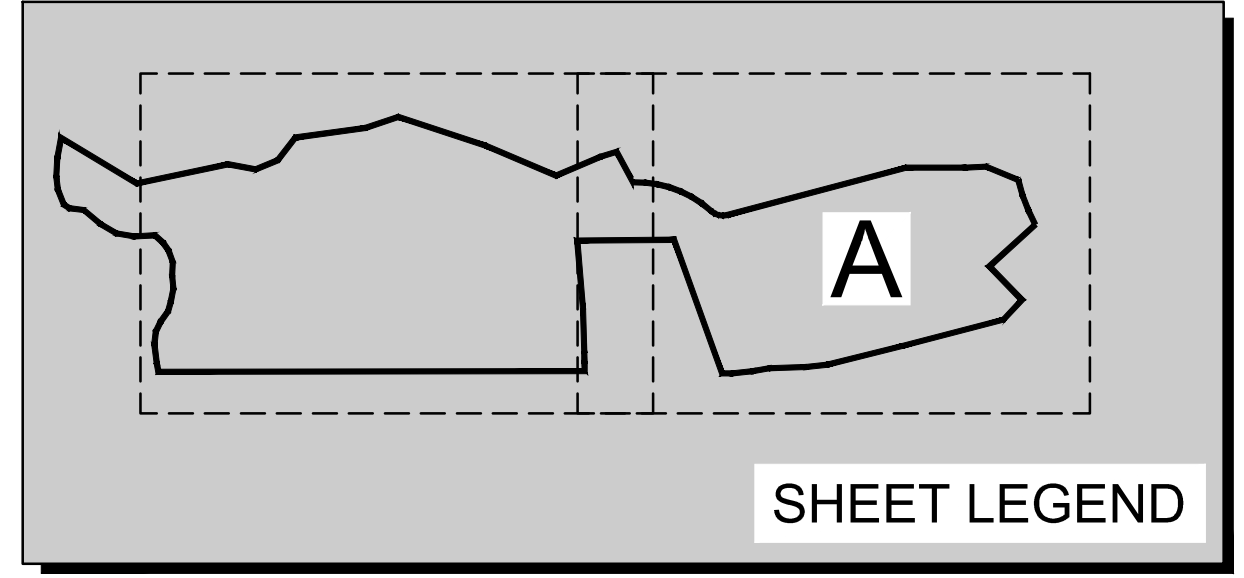
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 CERTIFICATION # 0000068476 EXP. 06/22/2021



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 DEKALB COUNTY, GEORGIA

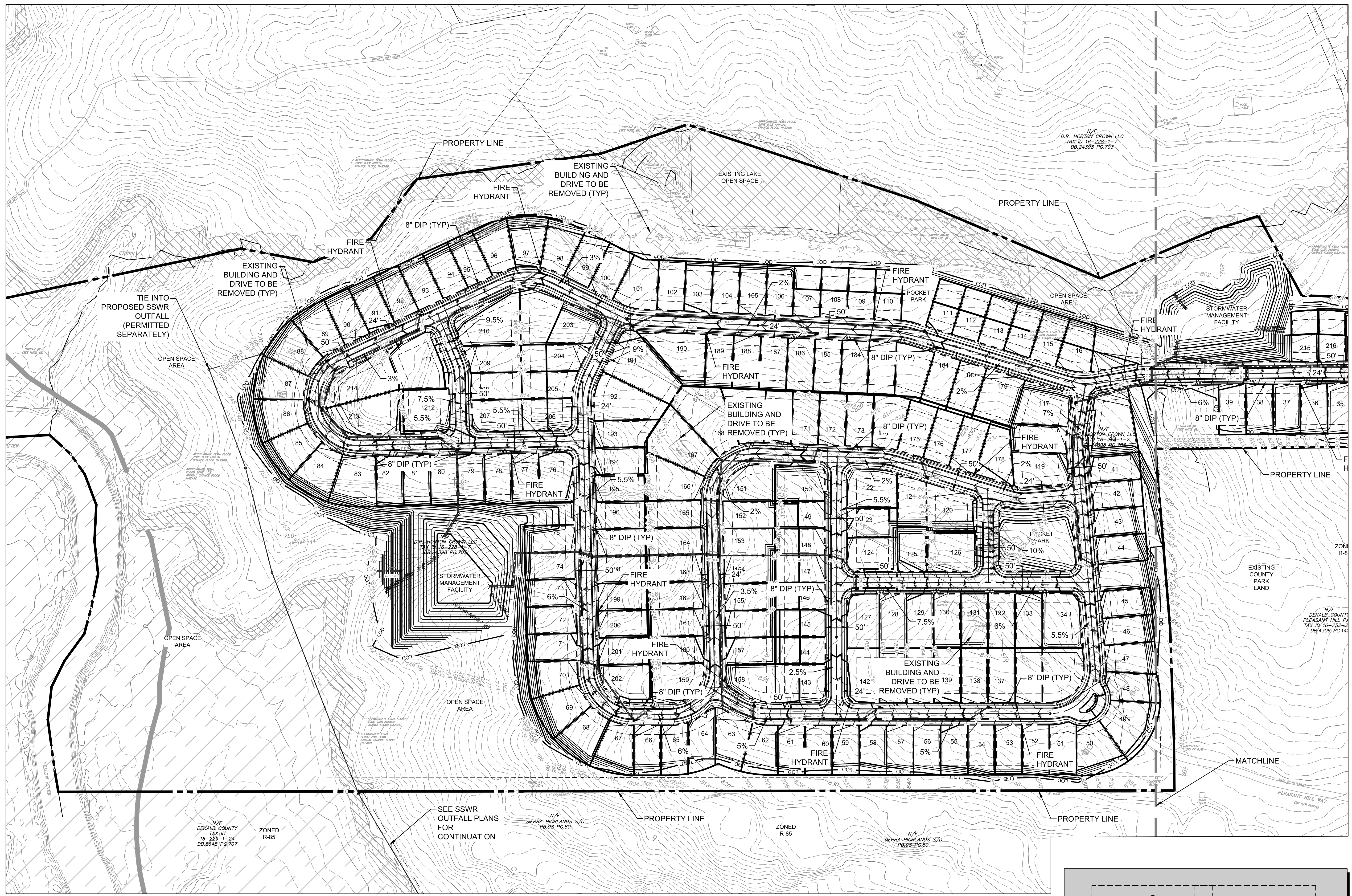
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 JAY COOMBE @ 470-774-4884



SHEET LEGEND

S5.1

SHEET



# RED STAG SKETCH PLAT

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D.R. HORTON  
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PHONE: 470-774-4884

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CITY OF SNELLVILLE/LITHONIA  
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## SKETCH PLAT B

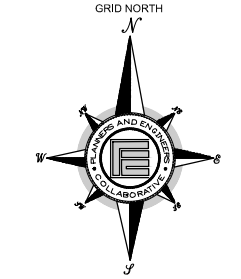


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**S5.2**

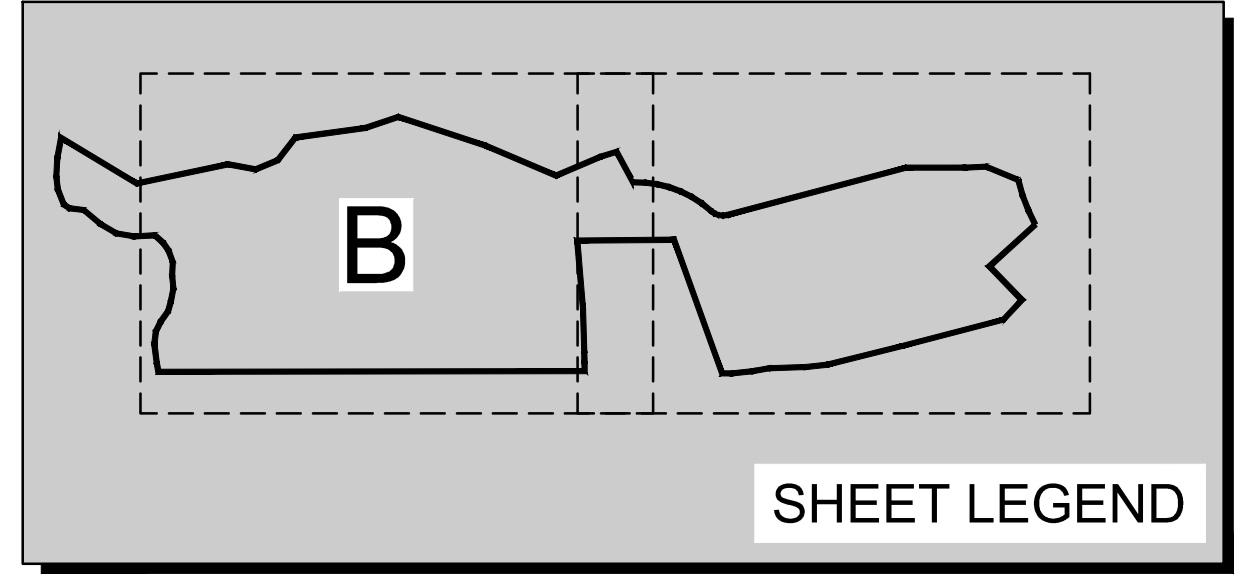
SHEET

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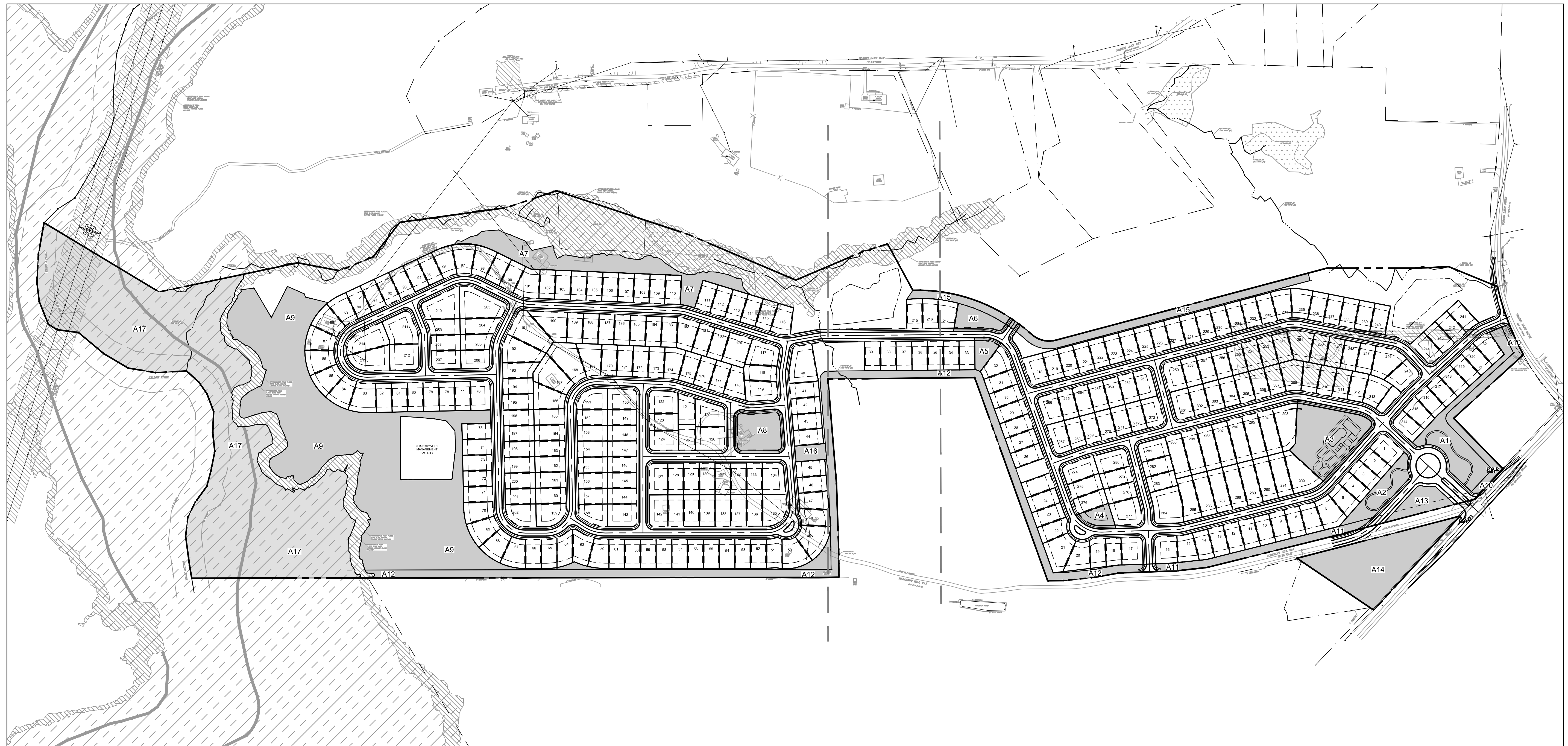
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PLANNING COMMISSION CHAIRMAN  
DEKALB COUNTY, GEORGIA



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SHEET LEGEND



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### OPEN SPACE PLAN

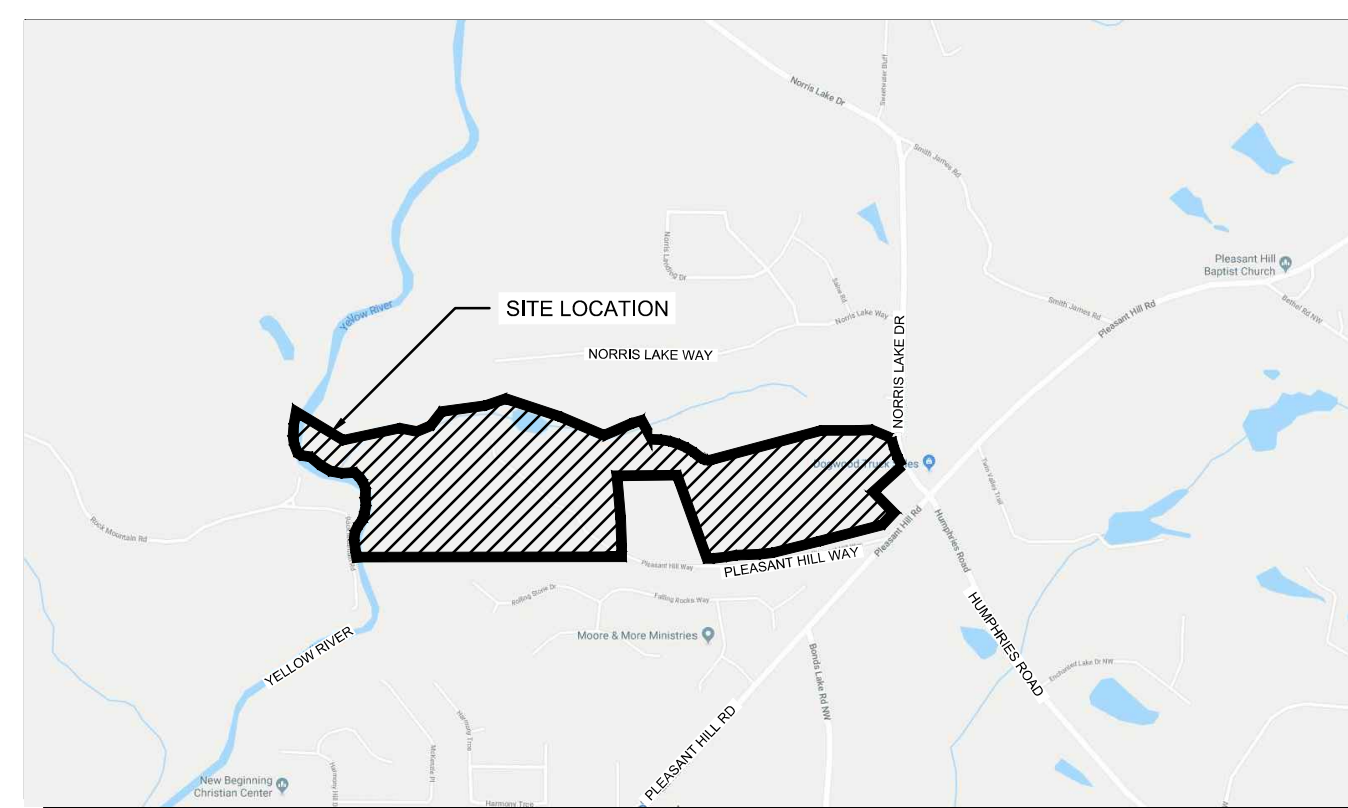


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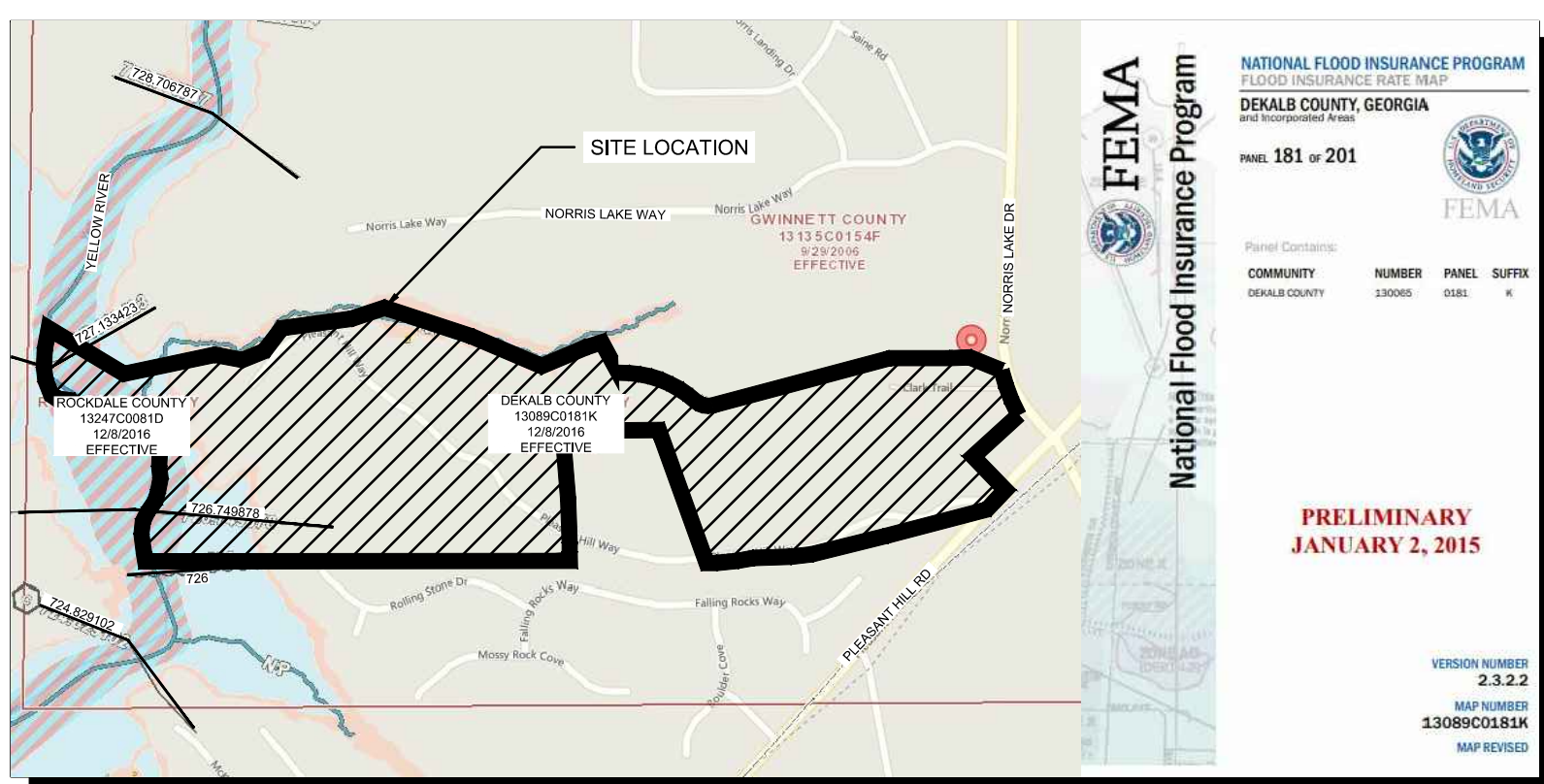
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SITE LOCATION MAP  
 NOT TO SCALE



FEMA FIRM MAP  
 FEMA FIRM PANEL NO.: 13089C0181K  
 NOT TO SCALE

OPEN SPACE		
LABEL	DESCRIPTION	AREA (SF)
A1	POCKET PARK	44341
A2	POCKET PARK	22695
A3	AMENITY AREA	61097
A4	POCKET PARK	9173
A5	POCKET PARK	8169
A6	POCKET PARK	14337
A7	GREEN SPACE	68661
A8	POCKET PARK	30271
A9	GREEN SPACE	405925
A10	30' PERIMETER SETBACK	26048
A11	30' PERIMETER SETBACK	24604
A12	30' PERIMETER SETBACK	128753
A13	GREEN SPACE	16603
A14	OUTPARCEL	84875
A15	PERIMETER SETBACK	47933
A16	POCKET PARK	7002
A17	50% 100 YR FLOODPLAIN*	271315.5
TOTAL (SF)		1271802.5
TOTAL (AC)		29.197

\*100% 500 YR FLOODPLAIN = 542631 SF  
 50% OK TO USE PER MATTHEW WILLIAMS 12/10

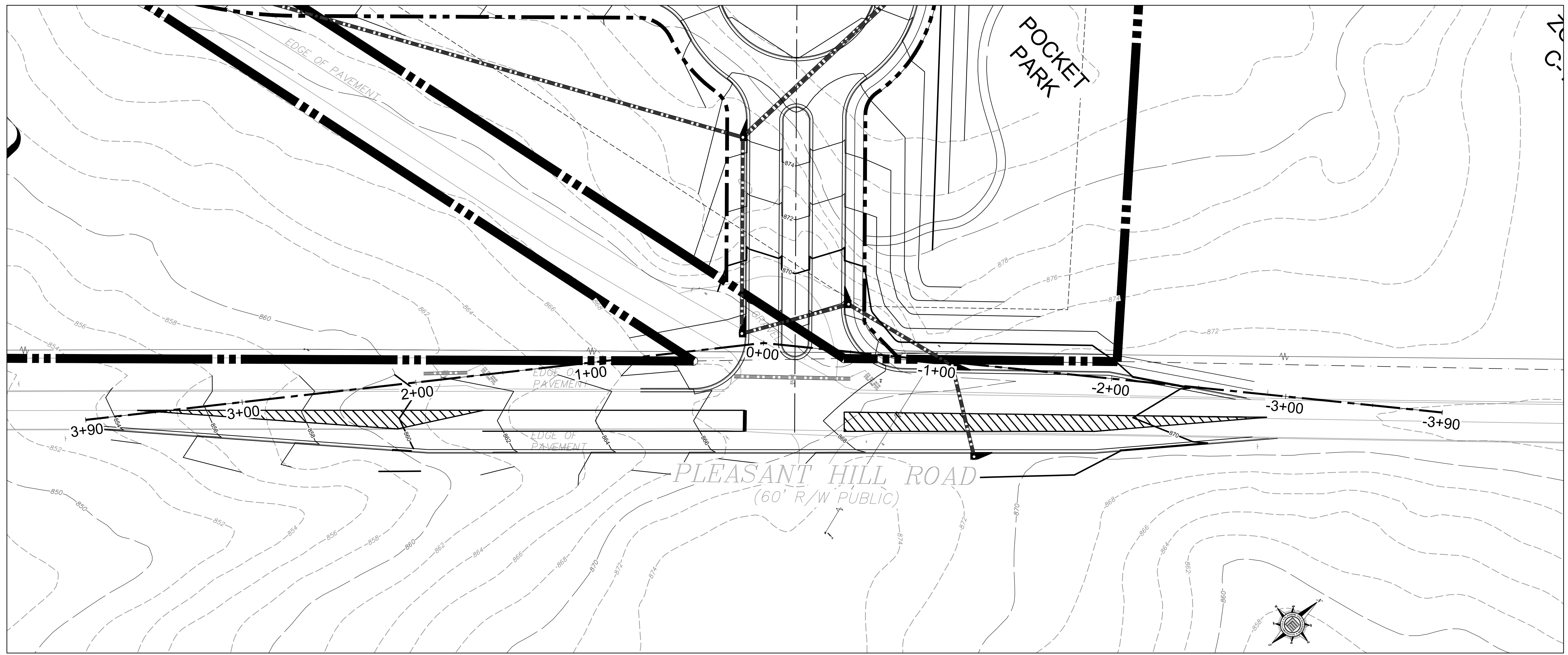
**FEMA**  
 NATIONAL FLOOD INSURANCE PROGRAM  
 DEKALB COUNTY, GEORGIA  
 PRELIMINARY  
 JANUARY 2, 2015

24 HOUR CONTACT:  
 JAY COOMBE @ 470-774-4884

THIS SKETCH PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE PLANNING COMMISSION OF DEKALB COUNTY, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_.

BY: \_\_\_\_\_ (BY DIRECTOR)  
 PLANNING COMMISSION CHAIRMAN  
 DEKALB COUNTY, GEORGIA





**RED STAG SKETCH PLAT**  
 A MASTER PLANNED RESIDENTIAL DEVELOPMENT  
 FOR  
**D.R. HORTON**  
 1371 DOOGWOOD DR SW  
 CONYERS, GA 30012  
 PHONE: 470-774-4884

CITY OF SNELLVILLE / LITHONIA  
 DEKALB COUNTY  
 GEORGIA

**PLANNERS AND ENGINEERS COLLABORATIVE**  
 SITE PLANNING LANDSCAPE ARCHITECTURE CIVIL ENGINEERING LAND SURVEYING  
 350 RESEARCH COURT PEACHTREE CORNERS, GEORGIA 30092 (770) 451-2741 FAX (770) 451-9915

"WE PROVIDE SOLUTIONS"

**REVISIONS:**

NO.	DATE	BY	DESCRIPTION
1	10/24/19	CAH	1ST SUBMITTAL
2	12/11/19	CAH	2ND SUBMITTAL
3	01/27/20	CAH	3RD SUBMITTAL

HANSEN FILE NO: 1243655

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**SIGHT DISTANCE PROFILES**

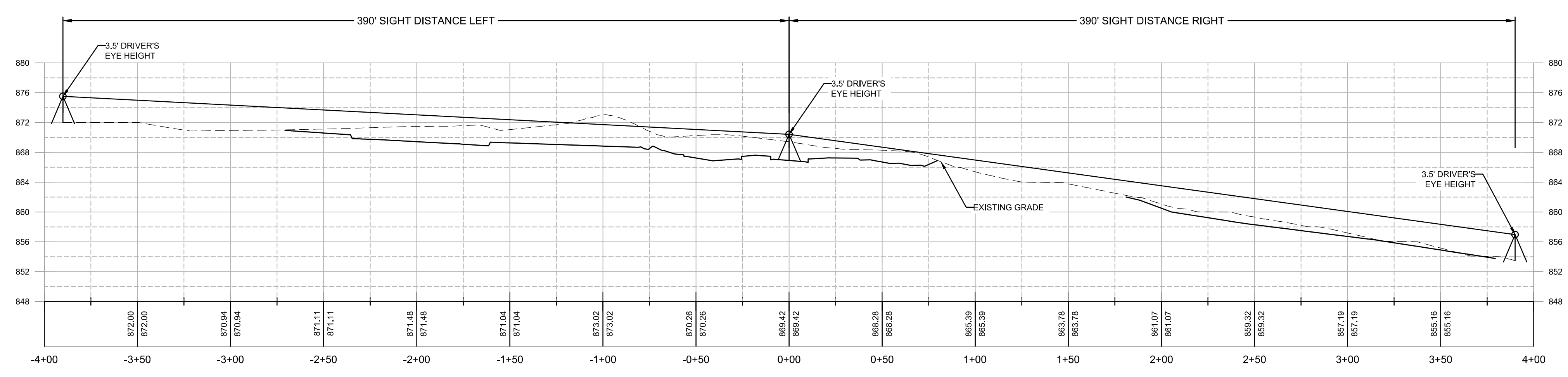


SCALE: 1" = 30'  
 DATE: 01/27/2020  
 PROJECT: 16309.00

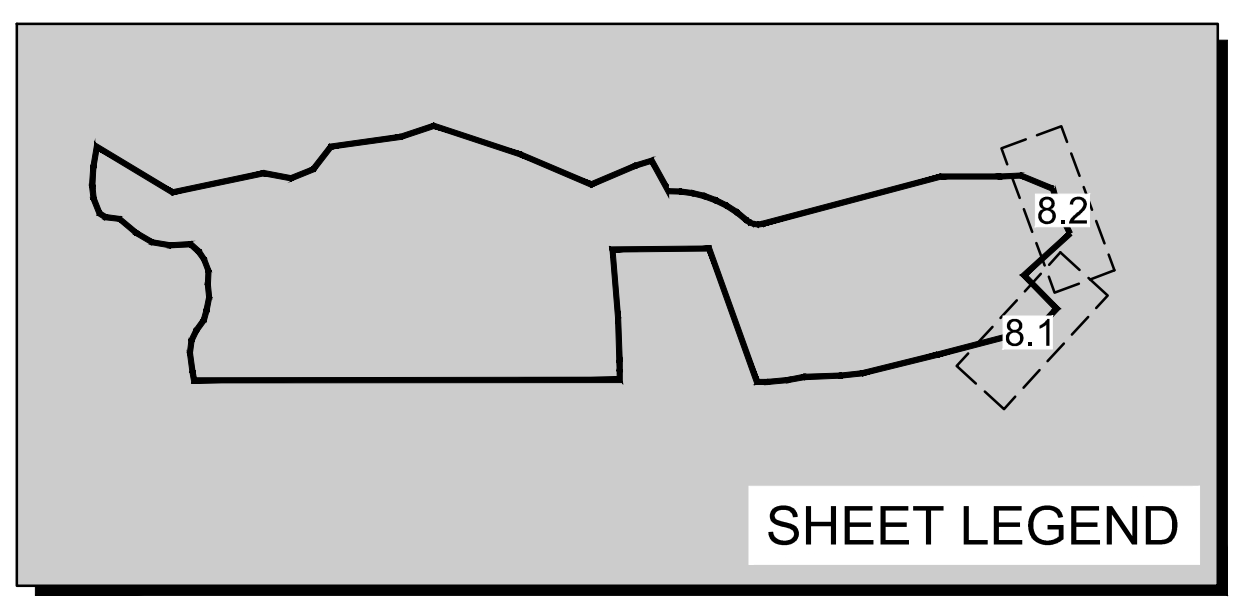
THIS SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE.



GSWCC LEVEL II DESIGN PROFESSIONAL  
 CERTIFICATION # 0000066476 EXP. 06/22/2021



**PLEASANT HILL RD. SIGHT DISTANCE**  
 HORIZONTAL SCALE: 1" = 40'  
 VERTICAL SCALE: 1" = 10'



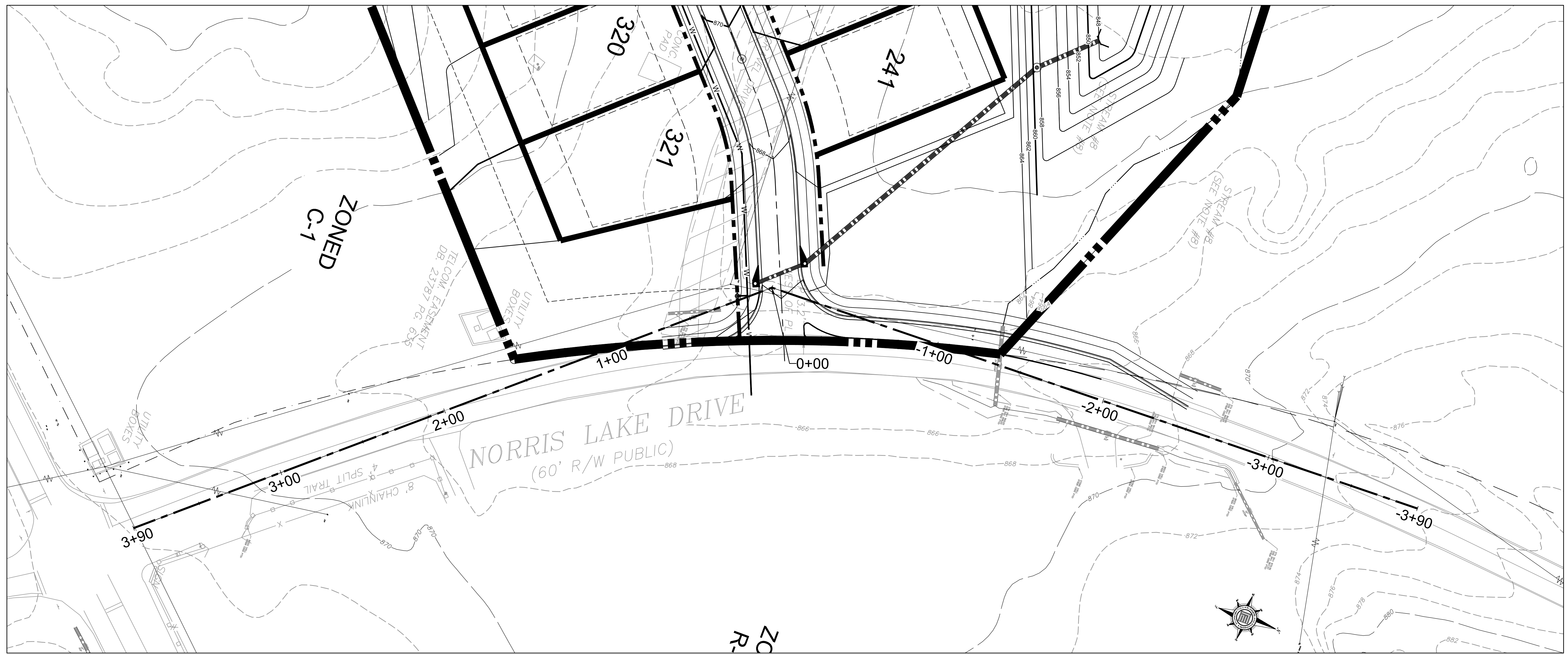
24 HOUR CONTACT:  
**JAY COOMBE @ 470-774-4884**

THIS SKETCH PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE PLANNING COMMISSION OF DEKALB COUNTY, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

BY: \_\_\_\_\_ (BY DIRECTOR)  
 PLANNING COMMISSION CHAIRMAN  
 DEKALB COUNTY, GEORGIA

**S8.1**  
 SHEET

S:\16309\00\Sketch\PLANS\SIGHT DISTANCE - 1630900.dwg - Kaczmarek - 1/27/2020 10:39 PM



**RED STAG SKETCH PLAT**  
 A MASTER PLANNED RESIDENTIAL DEVELOPMENT  
 FOR  
**D.R. HORTON**  
 1371 DOOGWOOD DR SW  
 CONYERS, GA 30012  
 PHONE: 470-774-4884

CITY OF SNELLVILLE / LITHONIA  
 DEKALB COUNTY  
 GEORGIA

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"WE PROVIDE SOLUTIONS"

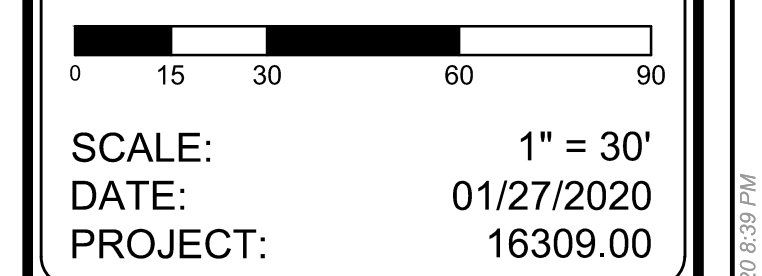
**REVISIONS:**

NO.	DATE	BY	DESCRIPTION
1	10/24/19	CAH	1ST SUBMITTAL
2	12/11/19	CAH	2ND SUBMITTAL
3	01/27/20	CAH	3RD SUBMITTAL

HANSEN FILE NO: 1243655

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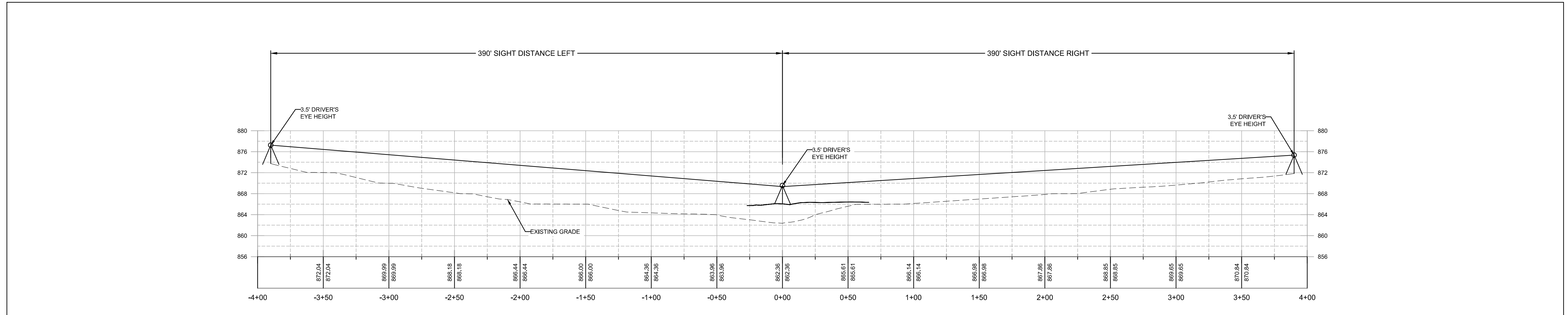
**SIGHT DISTANCE PROFILES**



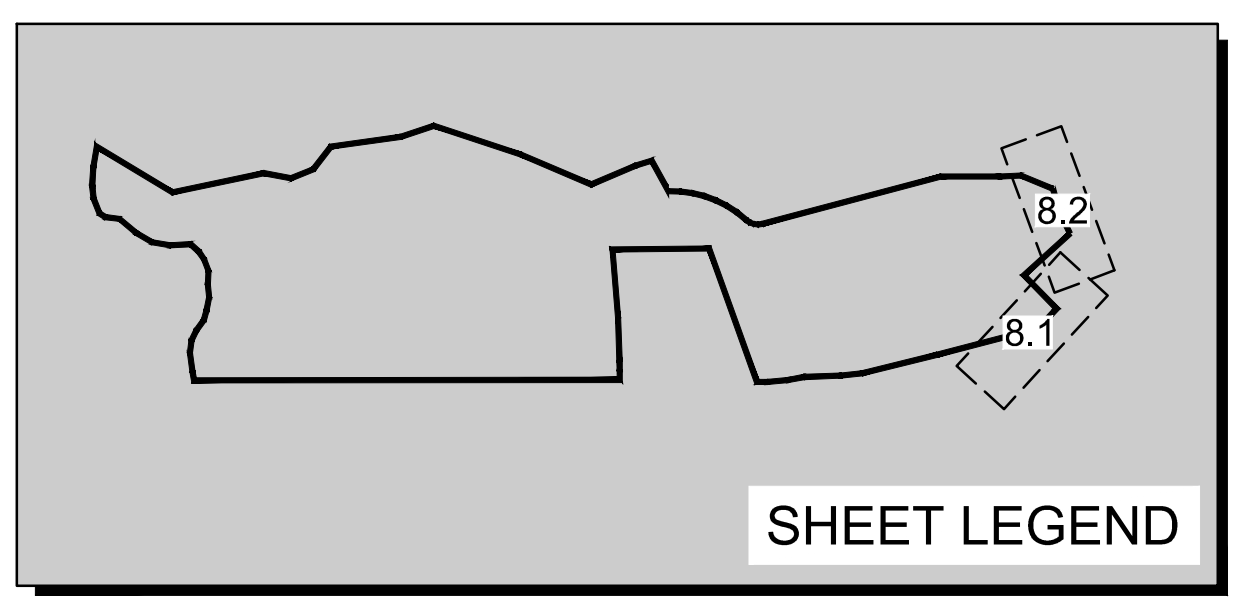
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GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION # 0000066476 EXP. 06/22/2021



**NORRIS LAKE DR SIGHT DISTANCE**  
 HORIZONTAL SCALE: 1" = 40'  
 VERTICAL SCALE: 1" = 10'



THIS SKETCH PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE PLANNING COMMISSION OF DEKALB COUNTY, ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

BY: \_\_\_\_\_ (BY DIRECTOR)  
 PLANNING COMMISSION CHAIRMAN  
 DEKALB COUNTY, GEORGIA



**24 HOUR CONTACT:**  
**JAY COOMBE @ 470-774-4884**

**S8.2**  
 SHEET

S:\16309\04\Sketch\PMISS\DISTANCE-16309.dwg - Kaczynski - 1/27/2020 8:39 PM



**RED STAG**  
 A MASTER PLANNED RESIDENTIAL COMMUNITY  
 D. R. HORTON, DEVELOPER  
 D. R. HORTON & SONS, INC.  
 1371 DOGWOOD DR. SW  
 CONYERS, GEORGIA 30012  
 PHONE: 470-774-4884

**SPECIMEN TREE NOTE**  
 SAMPLING COMPLETED ON 6/8/2018 BY ROOT ZONE TREE CONSULTANTS:  
 HALLIE HARRIMAN, SO-10044A  
 ISA CERTIFIED ARBORIST®

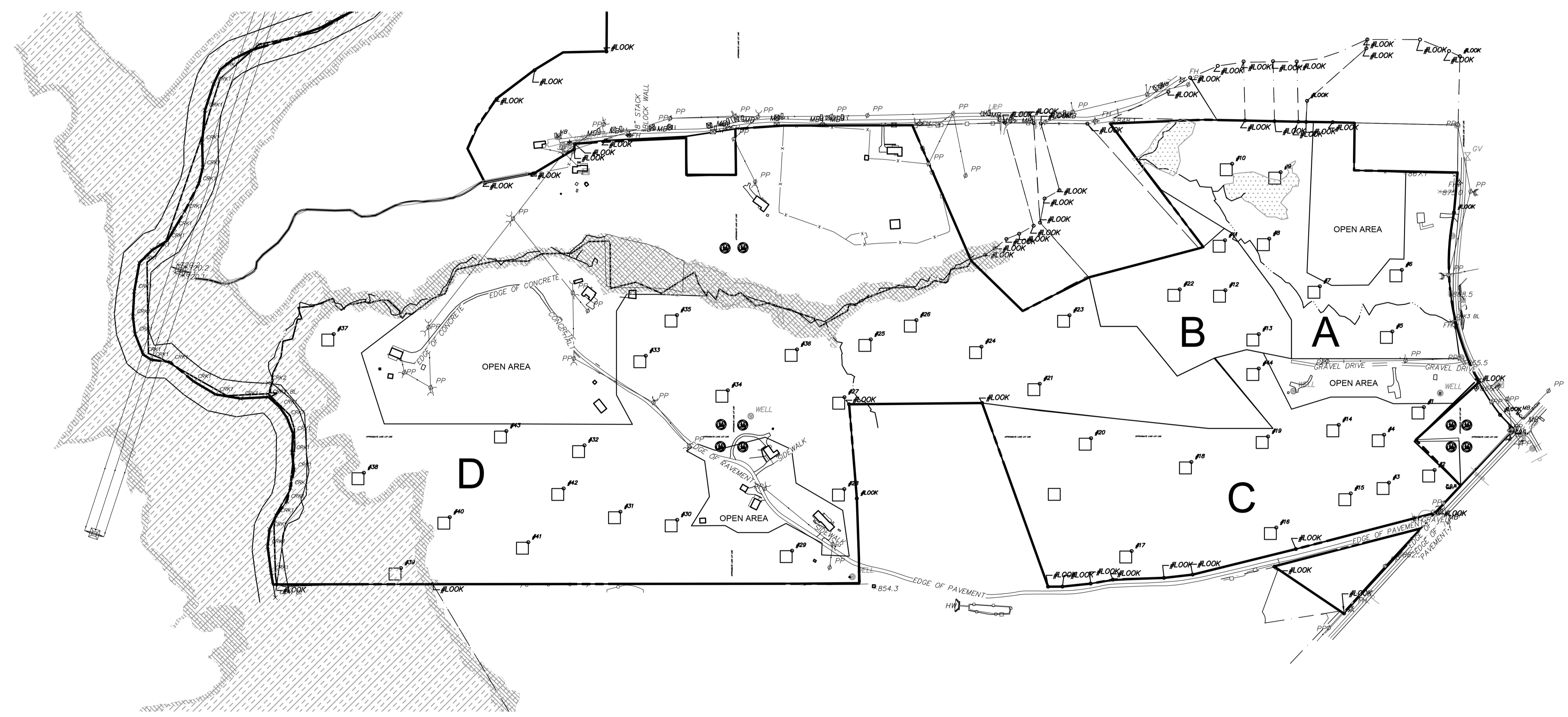
**ADDITIONAL NOTES**

1. THE TREE FEATURES SHOWN HEREON WERE DETERMINED BY GPS OBSERVATIONS AND WERE ADJUSTED BY PLANNERS AND ENGINEERS COLLABORATIVE IN FEBRUARY 2018. NORTH AMERICAN DATUM OF 1983 (NAD83), NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), GEORGIA WEST ZONE STATE PLANE COORDINATES.
2. THE FIELD DATA UPON WHICH THIS MAP IS BASED HAS A PRECISION OF SUB 1-METER.
3. EQUIPMENT USED:  
 HORIZONTAL - TRIMBLE GEO 7X SERIES

STAND A CALCULATIONS		STAND B CALCULATIONS	
TREE DENSITY		TREE DENSITY	
UNIT AVERAGE =	28.13333	UNIT AVERAGE =	43.775
UNITS PER ACRE =	490.1952	UNITS PER ACRE =	762.7356
TOTAL ACREAGE =	15.67	TOTAL ACREAGE =	7.06
UNITS IN STAND =	7681.359	UNITS IN STAND =	5384.913

STAND C CALCULATIONS		STAND D CALCULATIONS	
TREE DENSITY		TREE DENSITY	
UNIT AVERAGE =	57.525	UNIT AVERAGE =	35.46364
UNITS PER ACRE =	1002.316	UNITS PER ACRE =	617.9184
TOTAL ACREAGE =	26.27	TOTAL ACREAGE =	68.69
UNITS IN STAND =	26330.83	UNITS IN STAND =	42444.81



**REVISIONS:**

NO.	DATE	BY	DESCRIPTION

SHEET TITLE  
**SAMPLE LOCATION**

0 125 250 500 750  
 SCALE: 1" = 250'  
 DATE: JUNE 8, 2018  
 PROJECT: 16309.00



**24 HOUR CONTACT**  
**JAY COOMBE @ 470-774-4884**






SHEET #  
**SL**  
 1 OF 1

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Red Stag






Red Stag






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Red Stag






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Red Stag








Red Stag

Red Stag



**RED STAG**  
 A MASTER PLANNED RESIDENTIAL COMMUNITY  
 D. R. HORTON - CROWN, LLC  
 1371 DOGWOOD DR. SW  
 CONYERS, GEORGIA 30012  
 PHONE: 470-774-4884

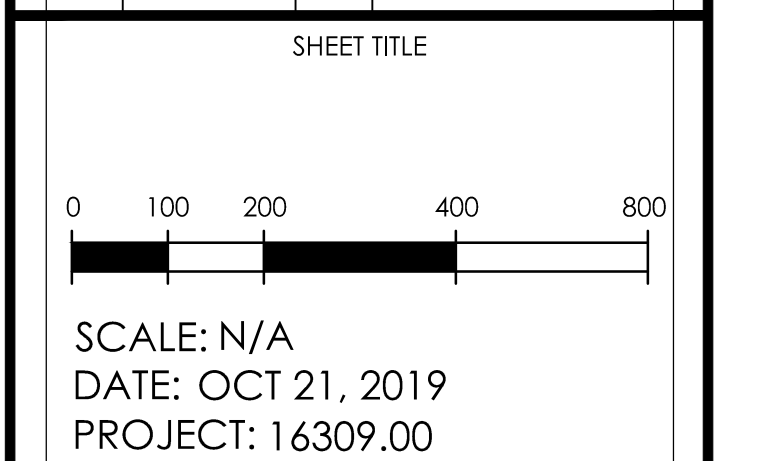
DEKALB COUNTY  
 GEORGIA

**ROOT ZONE TREE CONSULTANTS**  
 A DIVISION OF PLANNERS AND ENGINEERS COLLABORATIVE WWW.PECATL.COM  
 350 RESEARCH COURT PEACHTREE CORNERS, GEORGIA 30092 (678) 684-6202 WWW.RZCONSULTANTS.COM

LAND LOT 228, 229, 232, 233, 257 & 258  
 16th DISTRICT

REVISIONS:

NO.	DATE	BY	DESCRIPTION



SHEET #

**STR**

2 OF 3

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Red Stag



Pic # 81: Split with included bark  
Tree # 465



Pic # 82: Split with included bark  
Tree # 466



Pic # 83: Split with included bark  
Tree # 469



Pic # 84: Split with included bark  
Tree # 467



Red Stag



Pic # 85: Trunk wound with visible decay  
Tree # 470



Pic # 86: Split with included bark  
Tree # 471



Pic # 87: Split with included bark  
Tree # 472



Pic # 88: Lean exceeding 30%  
Tree # 473



Red Stag



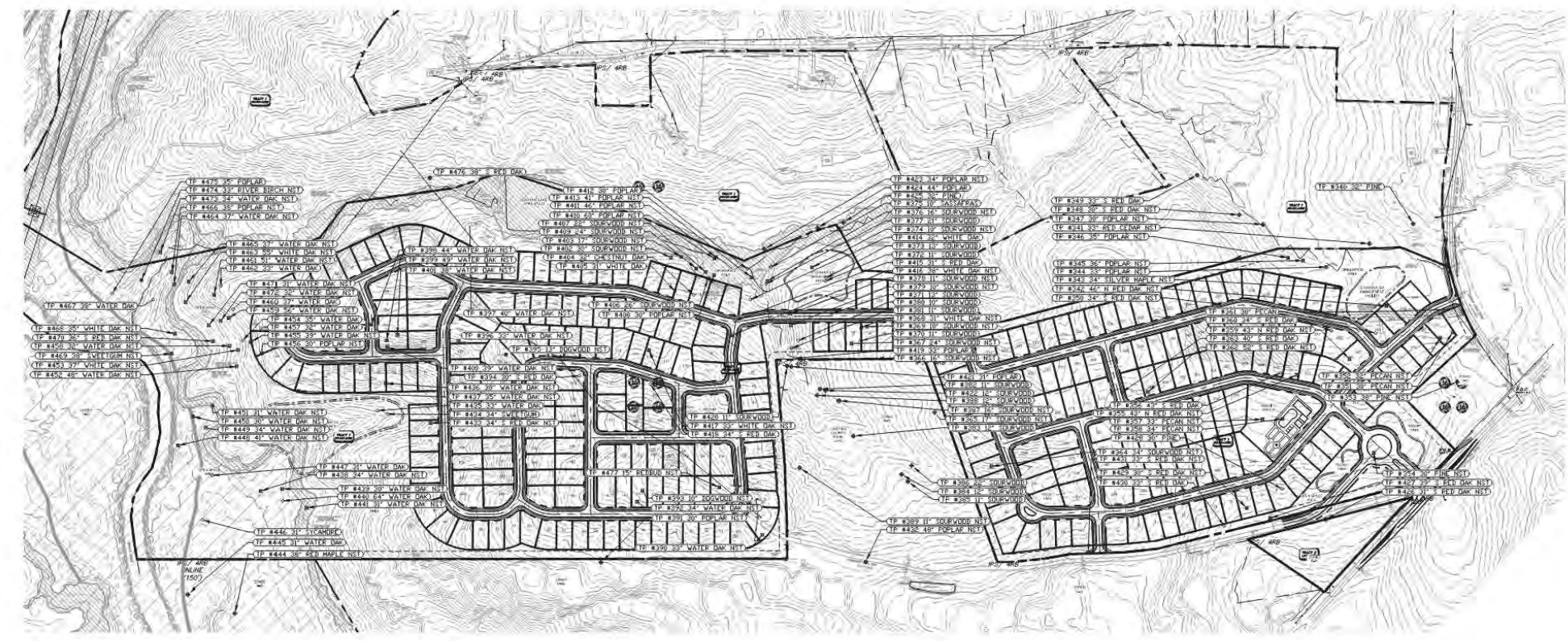
Pic # 89: Split with included bark  
Tree # 474



Pic # 90: Split with included bark  
Tree # 477



Red Stag



Specimen Tree Location



**RED STAG**

A MASTER PLANNED RESIDENTIAL COMMUNITY

D. R. HORTON - CROWN, LLC  
1371 DOGWOOD DR. SW  
CONYERS, GEORGIA 30012  
PHONE: 470-774-4884

LANDLOT 288, 229, 232, 233, 257 & 258  
14th DISTRICT  
DEKALB COUNTY  
GEORGIA

**ROOT ZONE TREE CONSULTANTS**  
350 RESEARCH COURT PEACHTREE CORNERS, GEORGIA 30092 (678) 684-6202 [WWW.RZCONSULTANTS.COM](http://WWW.RZCONSULTANTS.COM)

A DIVISION OF PLANNERS AND ENGINEERS COLLABORATIVE [WWW.PECATL.COM](http://WWW.PECATL.COM)

JOB # 16309.00

**REVISIONS:**

NO.	DATE	BY	DESCRIPTION

SHEET TITLE

SCALE: N/A  
DATE: OCT 21, 2019  
PROJECT: 16309.00



SHEET #

**STR**

3 OF 3

**Project Name: Red Stag**  
**Project Number: 16309.00**

**Client: D. R. Horton – Crown, LLC**  
**1371 Dogwood Dr. SW Conyers, GA 30012**

**Contact: Jay Coombe**  
**(470) 774-4884**

**Services Rendered: Tree Sampling**  
**Completed: June 8, 2018 by Hallie Harriman (ISA Certified Arborist: #SO-10044A)**

A certified arborist from Root Zone Tree Consultants will use a sample methodology to estimate the tree canopy coverage for large (greater than 50' deep), contiguous tree save areas of the site. The Arborist will conduct a survey of trees 3" and larger in a 50' x 50' sample area. The arborist will perform a minimum of three samples, in the contiguous tree save areas. The surveyed sample areas will be averaged to find the estimated tree canopy density. RZTC will delineate with marking tape all sample areas and tag all individually identified trees with paint.

---

Four individual stands were located and sampled. Below are their respective site descriptions and stand calculations.

**Stand A Site Description:** Stand A is primarily in a transitional stage from field to forest. A small wetland is present as well. Trees within this sample are typically small and grow closely together. In open areas, thick groves of Autumn Olive, Privet, and Blackberry are present. Six samples were taken.

<b>STAND A CALCULATIONS</b>	
TREE DENSITY	
UNIT AVERAGE =	28.13333
UNITS PER ACRE =	490.1952
TOTAL ACREAGE =	15.67
UNITS IN STAND =	7681.359

**Stand B Site Description:** Stand B is a young pine-dominated area, with few trees reaching over 12" DBH. Four samples were taken.

<b>STAND B CALCULATIONS</b>	
TREE DENSITY	
UNIT AVERAGE =	43.775
UNITS PER ACRE =	762.7356
TOTAL ACREAGE =	7.06
UNITS IN STAND =	5384.913336

**Stand C Site Description:** Stand C is a more mature pine-dominated area. Trees here are generally larger than 12" DBH and widely spaced out. The canopy composition is primarily pine, with the mid-story containing Sweetgum, Water Oak, Southern Red Oak, and Cherry. Twelve samples were taken.

<b>STAND C CALCULATIONS</b>	
TREE DENSITY	
UNIT AVERAGE =	57.525
UNITS PER ACRE =	1002.3156
TOTAL ACREAGE =	26.27
UNITS IN STAND =	26330.83081

**Stand D Site Description:** Stand D is the largest of stands, and is approximately 65 acres. This area is dominated by mature hardwoods, such as Oak, Hickory, and Sweetgum. The mid-story is comprised of Cherry, Dogwood, Sourwood, and Hophornbeam. Twenty-two samples were taken.

<b>STAND D CALCULATIONS</b>	
TREE DENSITY	
UNIT AVERAGE =	35.46364
UNITS PER ACRE =	617.9184
TOTAL ACREAGE =	68.69
UNITS IN STAND =	42444.81

## STAND A DATA

<b>SAMPLE 5</b>		
DBH	SPECIES	UNITS
3	BRADFORD PEAR	0.8
3	ELM	0.8
3	SWEETGUM	0.8
4	SWEETGUM	1.6
4	BRADFORD PEAR	1.6
4	CHERRY	1.6
5	BRADFORD PEAR	1.6
5	BRADFORD PEAR	1.6
5	BRADFORD PEAR	1.6
6	BRADFORD PEAR	1.6
6	BRADFORD PEAR	1.6
6	BRADFORD PEAR	1.6
6	BRADFORD PEAR	1.6
7	SWEETGUM	2.4
7	BRADFORD PEAR	2.4
8	SWEETGUM	2.4
11	BRADFORD PEAR	3.2
	<b>TOTAL UNITS:</b>	<b>27.2</b>

<b>SAMPLE 6</b>		
DBH	SPECIES	UNITS
3	CHERRY	0.8
4	WATER OAK	1.6
5	CEDAR	1.4
5	CHERRY	1.6
12	CEDAR	3.1
22	PECAN	6
	<b>TOTAL UNITS:</b>	<b>14.5</b>

<b>SAMPLE 7</b>		
DBH	SPECIES	UNITS
4	RED MAPLE	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
6	RED MAPLE	1.6
7	CHERRY	2.4
8	WATER OAK	2.4
8	WATER OAK	2.4
9	WATER OAK	2.4
10	SWEETGUM	3.2
10	SWEETGUM	3.2
11	SWEETGUM	3.2
16	CHERRY	4.8
17	POPLAR	4.8
	<b>TOTAL UNITS:</b>	<b>36.8</b>

## STAND A DATA

<b>SAMPLE 8</b>		
DBH	SPECIES	UNITS
3	WATER OAK	0.8
3	SWEETGUM	0.8
3	WATER OAK	0.8
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	WATER OAK	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
4	PINE	1.4
5	CEDAR	1.4
6	SWEETGUM	1.6
6	SWEETGUM	1.6
8	SWEETGUM	2.4
9	SWEETGUM	2.4
12	SWEETGUM	3.2
14	CEDAR	3.9
19	SWEETGUM	5.4
	<b>TOTAL UNITS:</b>	<b>32.1</b>

<b>SAMPLE 9</b>		
DBH	SPECIES	UNITS
3	RED MAPLE	0.8
3	SWEETGUM	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
7	RED MAPLE	2.4
12	SWEETGUM	3.2
19	RED MAPLE	5.4
	<b>TOTAL UNITS:</b>	<b>15.8</b>

<b>SAMPLE 10</b>		
DBH	SPECIES	UNITS
3	RED MAPLE	0.8
3	SWEETGUM	0.8
3	SWEETGUM	0.8
4	BLACKGUM	1.6
4	SWEETGUM	1.6
4	SWEETGUM	1.6
4	SWEETGUM	1.6
4	SWEETGUM	1.6
6	SWEETGUM	1.6
7	BLACKGUM	2.4
7	RED MAPLE	2.4
8	BEECH	2.4
8	RED MAPLE	2.4
9	SWEETGUM	2.4
9	SWEETGUM	2.4
10	RED MAPLE	3.2
16	RED MAPLE	4.8
27	SWEETGUM	8
	<b>TOTAL UNITS:</b>	<b>42.4</b>



## STAND A DATA

<b>STAND A CALCULATIONS</b>	
TREE DENSITY	
UNIT AVERAGE =	28.13333333
UNITS PER ACRE =	490.1952
TOTAL ACREAGE =	15.67
UNITS IN STAND =	7681.358784

### STAND B DATA

SAMPLE 11		
DBH	SPECIES	UNITS
3	PINE	0.6
3	PINE	0.6
4	PINE	1.4
4	PINE	1.4
5	SWEETGUM	1.6
5	PINE	1.4
5	CEDAR	1.4
6	PINE	1.4
21	CEDAR	5.4
	<b>TOTAL UNITS:</b>	<b>15.2</b>

SAMPLE 12		
DBH	SPECIES	UNITS
3	CEDAR	0.6
3	SWEETGUM	0.8
3	RED MAPLE	0.8
3	SWEETGUM	0.8
4	S RED OAK	1.6
4	RED MAPLE	1.6
5	PERSIMMON	1.6
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
7	PINE	2.2
8	WATER OAK	2.4
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
9	PINE	2.2
9	PINE	2.2
9	PINE	2.2
11	PINE	3.1
11	PINE	3.1
11	PINE	3.1
11	PINE	3.1
12	PINE	3.1

SAMPLE 12 CONTINUED		
DBH	SPECIES	UNITS
12	PINE	3.1
13	PINE	12.9
13	PINE	12.9
	<b>TOTAL UNITS:</b>	<b>78.4</b>

### STAND B DATA

SAMPLE 13		
DBH	SPECIES	UNITS
3	PINE	0.6
3	PINE	0.6
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
7	PINE	2.2
7	PINE	2.2
7	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
<b>TOTAL UNITS:</b>		<b>41.2</b>

SAMPLE 22		
DBH	SPECIES	UNITS
3	WATER OAK	0.8
3	WATER OAK	0.8
3	WATER OAK	0.8
3	S RED OAK	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
4	S RED OAK	1.6
5	WATER OAK	1.6
5	S RED OAK	1.6
5	S RED OAK	1.6
6	WATER OAK	1.6
6	WATER OAK	1.6
6	PINE	1.4
6	PINE	1.4
7	PINE	2.2
7	S RED OAK	2.4
8	PINE	2.2
9	PINE	2.2
10	SWEETGUM	3.2
13	PINE	3.1
16	PINE	3.1
18	PINE	3.1
<b>TOTAL UNITS:</b>		<b>40.3</b>

STAND B CALCULATIONS	
TREE DENSITY	
UNIT AVERAGE =	43.775
UNITS PER ACRE =	762.7356
TOTAL ACREAGE =	7.06
UNITS IN STAND =	5384.913

### STAND C DATA

SAMPLE 1		
DBH	SPECIES	UNITS
3	PINE	0.6
3	PINE	0.6
3	PINE	0.6
3	PINE	0.6
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
4	PINE	1.4
5	PINE	1.4
6	PINE	1.4
15	PINE	3.9
24	WALNUT	6
32	WATER OAK	11.2
	<b>TOTAL UNITS:</b>	<b>31.9</b>

SAMPLE 2		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	SWEETGUM	0.8
4	SCARLET OAK	1.6
5	CHERRY	1.6
5	WATER OAK	1.6
6	PINE	1.4
7	SWEETGUM	2.4
7	HOPHORNBEAM	2.4
7	HOPHORNBEAM	2.4
7	HOPHORNBEAM	2.4
8	PINE	2.2
10	HOPHORNBEAM	3.2
10	PINE	3.1
10	PINE	3.1
11	PINE	3.1
12	PINE	3.1
13	PINE	3.9
13	PINE	3.9
13	PINE	3.9
14	PINE	3.9
20	PINE	5.4
	<b>TOTAL UNITS:</b>	<b>56.2</b>

SAMPLE 3		
DBH	SPECIES	UNITS
3	CEDAR	0.6
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	PINE	0.6
4	PINE	1.4
5	SWEETGUM	1.6
5	PINE	1.4
5	SWEETGUM	1.6
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
7	PINE	2.2
7	PINE	2.2
8	CEDAR	2.2
8	RED MAPLE	2.4
9	PINE	2.2
11	PINE	3.1
11	PINE	3.1
12	PINE	3.1
12	PINE	3.1
13	PINE	3.9
14	CEDAR	3.9
15	PINE	3.9
22	PINE	6
30	PINE	9.8
	<b>TOTAL UNITS:</b>	<b>65.5</b>

### STAND C DATA

SAMPLE 4		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	RED MAPLE	0.8
4	SWEETGUM	1.6
4	PINE	1.4
4	RED MAPLE	1.6
5	RED MAPLE	1.6
7	PINE	2.2
7	PINE	2.2
8	PINE	2.2
12	PINE	3.1
12	PINE	3.1
13	PINE	3.9
13	PINE	3.9
13	PINE	3.9
14	S RED OAK	4
14	PINE	3.9
14	PINE	3.9
14	PINE	3.9
14	PINE	3.9
16	PINE	4.8
17	PINE	4.8
	<b>TOTAL UNITS:</b>	<b>57.6</b>

SAMPLE 14		
DBH	SPECIES	UNITS
3	S RED OAK	0.8
3	WATER OAK	0.8
4	CHERRY	1.6
4	CHERRY	1.6
5	PINE	1.61.4
6	CHERRY	1.6
6	WATER OAK	1.6
6	PINE	1.4
7	WATER OAK	2.4
7	CHERRY	2.4
7	CHERRY	2.4
11	PINE	3.1
12	WATER OAK	3.2
12	PINE	3.1
13	S RED OAK	4
14	PINE	3.9
14	PINE	3.9
14	PINE	3.9
16	PINE	4.8
17	PINE	4.8
18	PINE	4.8
18	PINE	4.8
21	S RED OAK	5.4
	<b>TOTAL UNITS:</b>	<b>62.4</b>

SAMPLE 15		
DBH	SPECIES	UNITS
3	PINE	0.6
3	PINE	0.6
3	PINE	0.6
3	PINE	0.6
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
5	WATER OAK	1.6
6	WATER OAK	1.6
6	PINE	1.4
6	PINE	1.4
7	PINE	2.2
7	PINE	2.2
7	PINE	2.2
7	PINE	2.2
7	PINE	2.2
7	PINE	2.2
8	PINE	2.2
8	WATER OAK	2.4
8	CEDAR	2.4
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2

### STAND C DATA

SAMPLE 15 CONTINUED		
DBH	SPECIES	UNITS
9	PINE	2.2
12	PINE	3.1
13	CEDAR	3.9
	<b>TOTAL UNITS:</b>	<b>53.6</b>

SAMPLE 16		
DBH	SPECIES	UNITS
3	CHERRY	0.8
3	CHERRY	0.8
3	CHERRY	0.8
3	CHERRY	0.8
3	CHERRY	0.8
3	S RED OAK	0.8
4	S RED OAK	1.6
4	S RED OAK	1.6
4	S RED OAK	1.6
4	S RED OAK	1.6
5	HOPHORNBEAM	1.6
5	S RED OAK	1.6
5	PINE	1.4
5	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
6	PINE	1.4
7	SWEETGUM	2.4
8	PINE	2.2
10	PINE	3.1
10	PINE	3.1
10	PINE	3.1
29	PINE	9.2
	<b>TOTAL UNITS:</b>	<b>44.3</b>

SAMPLE 17		
DBH	SPECIES	UNITS
3	S RED OAK	0.8
3	RED MAPLE	0.8
3	S RED OAK	0.8
4	WATER OAK	1.6
4	S RED OAK	1.6
4	SWEETGUM	1.6
4	WATER OAK	1.6
4	WATER OAK	1.6
4	PINE	1.4
5	SWEETGUM	1.6
5	PINE	1.4
5	PINE	1.4
6	PINE	1.4
6	WATER OAK	1.6
6	WATER OAK	1.6
6	WATER OAK	1.6
6	WATER OAK	1.6
6	WATER OAK	1.6
6	SOURWOOD	1.6
7	SWEETGUM	2.4
8	PINE	2.2
8	PINE	2.2
9	HOPHORNBEAM	2.4
10	S RED OAK	3.2
10	HOPHORNBEAM	3.2
10	PINE	3.1
12	PINE	3.1
12	PINE	3.1

### STAND C DATA

SAMPLE 17 CONTINUED		
DBH	SPECIES	UNITS
12	PINE	3.1
12	PINE	3.1
12	PINE	3.1
14	PINE	3.9
	<b>TOTAL UNITS:</b>	<b>63.7</b>

SAMPLE 18		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	SWEETGUM	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
5	CHERRY	1.6
5	RED MAPLE	1.6
6	RED MAPLE	1.6
6	SWEETGUM	1.6
6	SWEETGUM	1.6
7	SWEETGUM	2.4
9	SWEETGUM	2.4
10	PINE	3.1
12	PINE	3.1
14	PINE	3.9
14	PINE	3.9
16	PINE	4.8
16	PINE	4.8
16	PINE	4.8
16	PINE	4.8
16	PINE	4.8
17	PINE	4.8
20	PINE	5.4
20	PINE	5.4
	<b>TOTAL UNITS:</b>	<b>72.8</b>

SAMPLE 19		
DBH	SPECIES	UNITS
3	CEDAR	0.6
3	CEDAR	0.6
3	PINE	0.6
4	POPLAR	1.6
4	SWEETGUM	1.6
5	CEDAR	1.4
5	SWEETGUM	1.6
6	PINE	1.4
6	SWEETGUM	1.6
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	PINE	2.2
8	SWEETGUM	2.4
9	PINE	2.2
9	PINE	2.2
9	PINE	2.2
10	PINE	3.1
11	PINE	3.1
11	PINE	3.1
11	PINE	3.1
13	PINE	3.9
15	PINE	3.9
17	PINE	17
18	PINE	18
	<b>TOTAL UNITS:</b>	<b>84</b>

### STAND C DATA

SAMPLE 20		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	DOGWOOD	0.8
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	RED MAPLE	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
4	RED MAPLE	1.6
4	SWEETGUM	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
5	SWEETGUM	1.6
5	PINE	1.4
5	PINE	1.4
5	PINE	1.4
6	SWEETGUM	1.6
7	PINE	2.2
7	PINE	2.2
7	SWEETGUM	2.4
8	SWEETGUM	2.4
8	PINE	2.2
9	PINE	2.2
9	PINE	2.2
10	PINE	3.1
12	PINE	3.1
13	PINE	3.9
14	PINE	3.9

SAMPLE 20 CONTINUED		
DBH	SPECIES	UNITS
14	PINE	3.9
15	PINE	3.9
17	PINE	17
	<b>TOTAL UNITS:</b>	<b>75.6</b>

SAMPLE 44		
DBH	SPECIES	UNITS
3	CHERRY	0.8
3	PINE	0.6
3	WATER OAK	0.8
3	CEDAR	0.6
3	SWEETGUM	0.8
4	PINE	1.4
4	PINE	1.4
4	CEDAR	1.4
5	PINE	1.4
15	PINE	3.9
16	PINE	4.8
17	PINE	4.8
	<b>TOTAL UNITS:</b>	<b>22.7</b>



## STAND C DATA

<b>STAND C CALCULATIONS</b>	
TREE DENSITY	
UNIT AVERAGE =	57.525
UNITS PER ACRE =	1002.3156
TOTAL ACREAGE =	26.27
UNITS IN STAND =	26330.83081

### STAND D DATA

SAMPLE 21		
DBH	SPECIES	UNITS
3	CHERRY	0.8
3	CHERRY	0.8
3	POPLAR	0.8
3	DOGWOOD	0.8
3	CHERRY	0.8
4	DOGWOOD	1.6
6	CHERRY	1.6
6	POPLAR	1.6
6	POPLAR	1.6
10	WHITE OAK	3.2
12	WHITE OAK	3.2
12	HICKORY	3.2
13	WHITE OAK	4
14	WHITE OAK	4
14	N RED OAK	4
15	WHITE OAK	4
	<b>TOTAL UNITS:</b>	<b>36</b>

SAMPLE 23		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	WHITE OAK	0.8
4	S RED OAK	1.6
4	SWEETGUM	1.6
4	SWEETGUM	1.6
5	SWEETGUM	1.6
6	WATER OAK	1.6
6	WATER OAK	1.6
6	WATER OAK	1.6
8	SWEETGUM	2.4
8	WATER OAK	2.4
9	SWEETGUM	2.4
9	S RED OAK	2.4
11	PINE	3.1
12	PINE	3.1
13	PINE	3.9
16	PINE	16
	<b>TOTAL UNITS:</b>	<b>48.5</b>

SAMPLE 24		
DBH	SPECIES	UNITS
3	POPLAR	0.8
3	POPLAR	0.8
3	WHITE OAK	0.8
3	CHERRY	0.8
3	POPLAR	0.8
3	CHERRY	0.8
4	POPLAR	1.6
4	N RED OAK	1.6
4	CHERRY	1.6
4	POPLAR	1.6
5	RED MAPLE	1.6
5	PINE	1.4
5	PINE	1.4
5	POPLAR	1.6
5	POPLAR	1.6
5	CHERRY	1.6
6	PINE	1.4
8	PINE	2.2
13	WHITE OAK	4
14	WHITE OAK	4
14	WHITE OAK	4
	<b>TOTAL UNITS:</b>	<b>36</b>

### STAND D DATA

SAMPLE 25		
DBH	SPECIES	UNITS
3	RED MAPLE	0.8
4	HICKORY	1.6
4	HICKORY	1.6
5	HICKORY	1.6
7	SOURWOOD	2.4
7	HICKORY	2.4
9	WATER OAK	2.4
10	WHITE OAK	3.2
17	WHITE OAK	4.8
19	PINE	5.4
19	POPLAR	5.4
19	N RED OAK	5.4
20	POPLAR	5.4
20	POST OAK	5.4
22	POPLAR	6
	<b>TOTAL UNITS:</b>	<b>53.8</b>

SAMPLE 26		
DBH	SPECIES	UNITS
3	N RED OAK	0.8
3	HICKORY	0.8
3	PINE	0.6
3	PINE	0.6
3	SWEETGUM	0.8
4	PINE	1.4
4	SOURWOOD	1.6
4	HICKORY	1.6
5	SOURWOOD	1.6
5	PINE	1.4
5	PINE	1.4
7	DOGWOOD	2.4
7	RED MAPLE	2.4
8	RED MAPLE	2.4
9	PINE	2.2
10	PINE	3.1
11	POPLAR	3.2
12	WATER OAK	3.2
13	WATER OAK	4
15	N RED OAK	4
15	WHITE OAK	4
	<b>TOTAL UNITS:</b>	<b>43.5</b>

SAMPLE 27		
DBH	SPECIES	UNITS
3	CHERRY	0.8
3	SWEETGUM	0.8
3	POPLAR	0.8
3	WHITE OAK	0.8
4	DOGWOOD	1.6
4	CHERRY	1.6
4	CHERRY	1.6
4	HICKORY	1.6
4	HICKORY	1.6
5	WHITE OAK	1.6
5	N RED OAK	1.6
5	SWEETGUM	1.6
6	BEECH	1.6
6	CHERRY	1.6
6	WHITE OAK	1.6
6	SWEETGUM	1.6
6	SOURWOOD	1.6
10	N RED OAK	3.2
	<b>TOTAL UNITS:</b>	<b>27.2</b>

### STAND D DATA

SAMPLE 28		
DBH	SPECIES	UNITS
3	N RED OAK	0.8
4	WATER OAK	1.6
4	SWEETGUM	1.6
5	WHITE OAK	1.6
6	PINE	1.4
6	PINE	1.4
7	S RED OAK	2.4
8	SWEETGUM	2.4
12	SWEETGUM	3.2
12	WHITE OAK	3.2
15	POPLAR	4
15	SWEETGUM	4
17	SOURWOOD	4.8
	<b>TOTAL UNITS:</b>	<b>32.4</b>

SAMPLE 29		
DBH	SPECIES	UNITS
3	WATER OAK	0.8
3	WATER OAK	0.8
3	CEDAR	0.80.6
3	WATER OAK	0.8
4	WATER OAK	1.6
4	DOGWOOD	1.6
5	PINE	1.4
5	CHEERY	1.6
6	DOGWOOD	1.6
8	HOPHORNBEAM	2.4
8	PINE	2.2
8	RED MAPLE	2.4
11	SWEETGUM	3.2
11	SWEETGUM	3.2
12	HICKORY	3.2
15	SWEETGUM	4
17	PINE	4.8
	<b>TOTAL UNITS:</b>	<b>35.6</b>

SAMPLE 30		
DBH	SPECIES	UNITS
3	WATER OAK	0.8
4	WATER OAK	1.6
5	WATER OAK	1.6
6	CHEERY	1.6
7	WATER OAK	2.4
7	CEDAR	2.2
8	WATER OAK	2.4
8	WATER OAK	2.4
8	PINE	2.2
9	WATER OAK	2.4
11	PINE	3.1
12	PINE	3.1
12	PINE	3.1
12	PINE	3.1
15	PINE	3.9
	<b>TOTAL UNITS:</b>	<b>35.9</b>

### STAND D DATA

SAMPLE 31		
DBH	SPECIES	UNITS
3	N RED OAK	0.8
4	CEDAR	1.4
4	CEDAR	1.4
4	SYCAMORE	1.6
5	CEDAR	1.4
5	HICKORY	1.6
8	POST OAK	2.4
11	WATER OAK	3.2
14	PINE	3.9
17	POST OAK	4.8
	<b>TOTAL UNITS:</b>	<b>22.5</b>

SAMPLE 32		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	POPLAR	0.8
4	WATER OAK	1.6
4	SWEETGUM	1.6
4	POPLAR	1.6
5	SWEETGUM	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
6	WATER OAK	1.6
7	S RED OAK	2.4
12	SWEETGUM	3.2
	<b>TOTAL UNITS:</b>	<b>26.4</b>

SAMPLE 33		
DBH	SPECIES	UNITS
3	HICKORY	0.8
3	HICKORY	0.8
3	RED MAPLE	0.8
7	S RED OAK	2.4
7	RED MAPLE	2.4
8	S RED OAK	2.4
8	PINE	2.2
8	S RED OAK	2.4
9	PINE	2.2
10	WATER OAK	3.2
11	PINE	3.1
11	S RED OAK	3.2
12	S RED OAK	3.2
14	POPLAR	4
	<b>TOTAL UNITS:</b>	<b>33.1</b>

### STAND D DATA

SAMPLE 34		
DBH	SPECIES	UNITS
3	WHITE OAK	0.8
4	HICKORY	1.6
6	WHITE OAK	1.6
6	WHITE OAK	1.6
7	WHITE OAK	2.4
7	N RED OAK	2.4
7	WHITE OAK	2.4
7	WHITE OAK	2.4
9	WHITE OAK	2.4
10	S RED OAK	3.2
11	WHITE OAK	3.2
11	N RED OAK	3.2
14	S RED OAK	4
18	N RED OAK	4.8
	<b>TOTAL UNITS:</b>	<b>36</b>

SAMPLE 35		
DBH	SPECIES	UNITS
3	HOPHORNBEAM	0.8
3	POPLAR	0.8
3	HICKORY	0.8
3	HOPHORNBEAM	0.8
3	HOPHORNBEAM	0.8
4	HOPHORNBEAM	1.6
4	MUSCLEWOOD	1.6
4	CHERRY	1.6
4	HOPHORNBEAM	1.6
7	BEECH	2.4
8	HOPHORNBEAM	2.4
8	HOPHORNBEAM	2.4
10	S RED OAK	3.2
13	WATER OAK	4
15	WATER OAK	4
18	RED MAPLE	4.8
22	RED MAPLE	6
	<b>TOTAL UNITS:</b>	<b>39.6</b>

SAMPLE 36		
DBH	SPECIES	UNITS
3	HOPHORNBEAM	0.8
3	HOPHORNBEAM	0.8
3	WHITE OAK	0.8
3	MUSCLEWOOD	0.8
3	N RED OAK	0.8
4	CHERRY	1.6
4	HOPHORNBEAM	1.6
4	WHITE OAK	1.6
5	WHITE OAK	1.6
5	HICKORY	1.6
12	WHITE OAK	3.2
19	POPLAR	5.4
25	WHITE OAK	6.8
	<b>TOTAL UNITS:</b>	<b>27.4</b>

### STAND D DATA

SAMPLE 37		
DBH	SPECIES	UNITS
4	HOPHORNBEAM	1.6
4	HOPHORNBEAM	1.6
4	HOPHORNBEAM	1.6
5	HOPHORNBEAM	1.6
5	HOPHORNBEAM	1.6
8	HOPHORNBEAM	2.4
9	PINE	2.4
13	SWEETGUM	4
15	POPLAR	4
18	POPLAR	4.8
22	POPLAR	6
	<b>TOTAL UNITS:</b>	<b>31.6</b>

SAMPLE 38		
DBH	SPECIES	UNITS
3	RED MAPLE	0.8
4	HOPHORNBEAM	1.6
5	WATER OAK	1.6
5	BEECH	1.6
5	WATER OAK	1.6
5	WATER OAK	1.6
6	PINE	1.4
7	SWEETGUM	2.4
7	PINE	2.2
8	PINE	2.2
9	PINE	2.2
14	SWEETGUM	4
14	PINE	3.9
15	PINE	3.9
32	WATER OAK	11.2
	<b>TOTAL UNITS:</b>	<b>42.2</b>

SAMPLE 39		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
4	WATER OAK	1.6
4	WATER OAK	1.6
5	WATER OAK	1.6
8	HOPHORNBEAM	2.4
8	HOPHORNBEAM	2.4
20	PINE	5.4
20	POPLAR	5.4
20	SWEETGUM	5.4
24	PINE	6
	<b>TOTAL UNITS:</b>	<b>35.8</b>

### STAND D DATA

<b>SAMPLE 40</b>		
DBH	SPECIES	UNITS
3	CHERRY	0.8
3	WATER OAK	0.8
3	WATER OAK	0.8
3	PINE	0.6
3	WATER OAK	0.8
4	PINE	1.4
4	WATER OAK	1.6
5	SWEETGUM	1.6
5	PINE	1.4
5	WATER OAK	1.6
7	PINE	2.2
7	PINE	2.2
9	SWEETGUM	2.4
10	PINE	3.1
19	PINE	5.4
30	SWEETGUM	9.8
	<b>TOTAL UNITS:</b>	<b>36.5</b>

<b>SAMPLE 41</b>		
DBH	SPECIES	UNITS
3	PINE	0.6
3	CEDAR	0.6
4	CEDAR	1.4
4	WATER OAK	1.6
4	SWEETGUM	1.6
5	PINE	1.4
5	WATER OAK	1.6
9	PINE	2.2
13	PINE	3.9
13	PINE	3.9
14	HICKORY	4
22	HICKORY	6
	<b>TOTAL UNITS:</b>	<b>28.8</b>

<b>SAMPLE 42</b>		
DBH	SPECIES	UNITS
3	WATER OAK	0.8
3	WATER OAK	0.8
3	N RED OAK	0.8
4	WATER OAK	1.6
4	SWEETGUM	1.6
4	HOPHORNBEAM	1.6
5	HOLLY	1.6
5	SWEETGUM	1.6
7	PINE	2.2
7	N RED OAK	2.4
9	N RED OAK	2.4
9	SWEETGUM	2.4
13	PINE	3.9
13	PINE	3.9
19	PINE	5.4
	<b>TOTAL UNITS:</b>	<b>33</b>



### STAND D DATA

SAMPLE 43		
DBH	SPECIES	UNITS
3	SWEETGUM	0.8
3	SWEETGUM	0.8
3	SWEETGUM	0.8
4	SWEETGUM	1.6
4	SWEETGUM	1.6
5	SWEETGUM	1.6
5	BOX ELDER	1.6
5	SWEETGUM	1.6
6	SWEETGUM	1.6
8	SWEETGUM	2.4
8	HOPHORNBEAM	2.4
9	SWEETGUM	2.4
10	SWEETGUM	3.2
11	SWEETGUM	3.2
11	SWEETGUM	3.2
16	POPLAR	4.8
16	POPLAR	4.8
	<b>TOTAL UNITS:</b>	<b>38.4</b>

STAND D CALCULATIONS	
TREE DENSITY	
UNIT AVERAGE =	35.46363636
UNITS PER ACRE =	617.9184
TOTAL ACREAGE =	68.69
UNITS IN STAND =	42444.8149