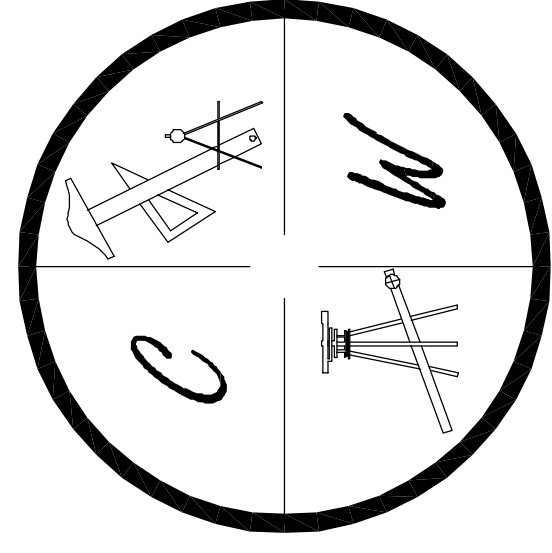


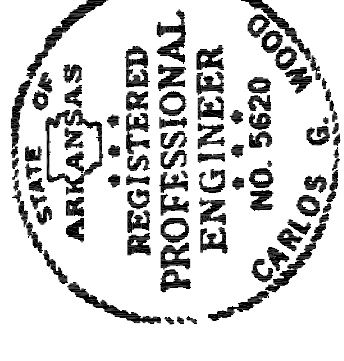
MERRRELL ESTATES PHASE II

JONESBORO, ARKANSAS FINAL STREET & DRAINAGE PLANS

MAY 30, 2011

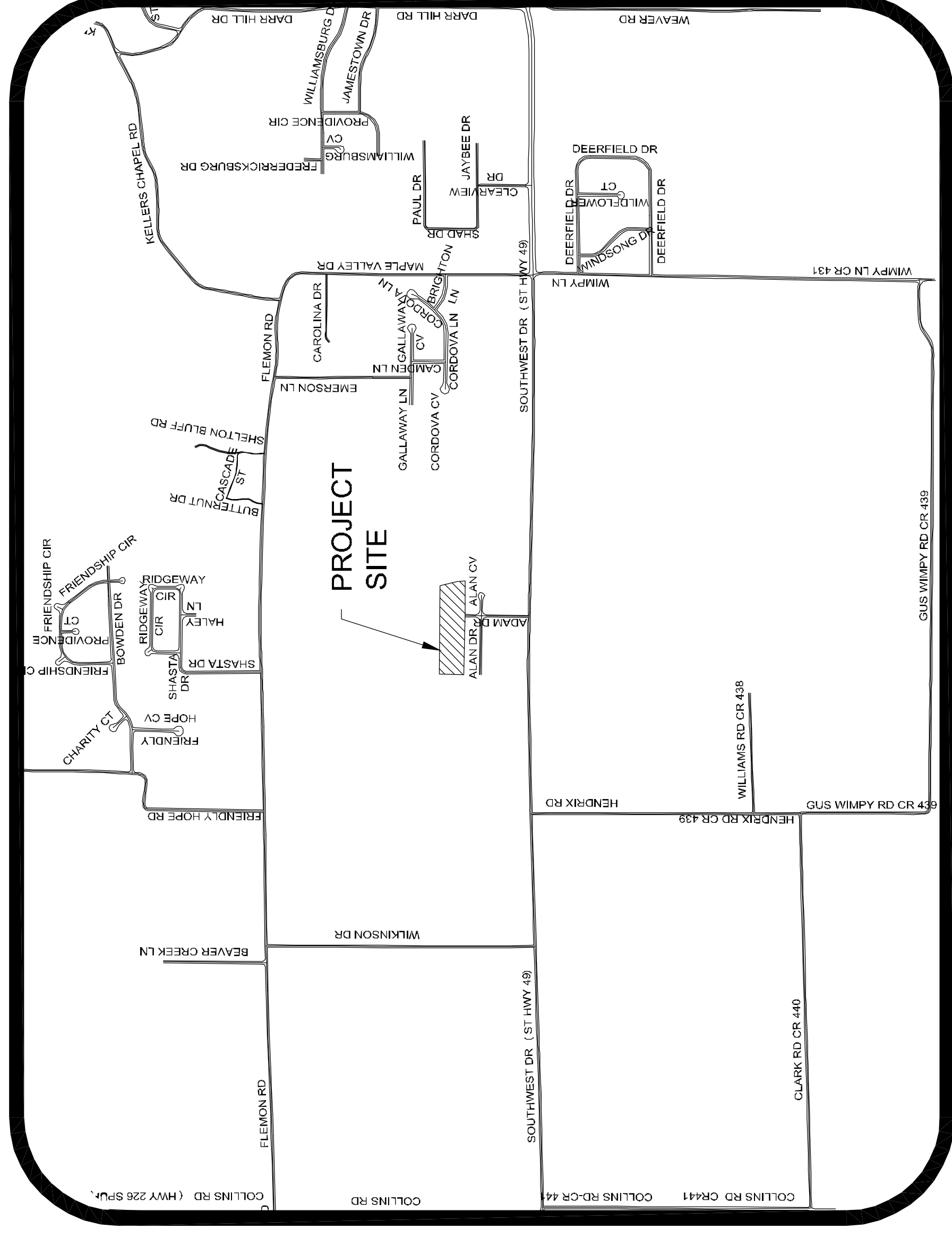


CARLOS WOOD, P.E.
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PHONE: (870) 972-8335
EMAIL: WOODENGR@SBCGLOBAL.NET
WEBSITE: WWW.WOODENGR.COM

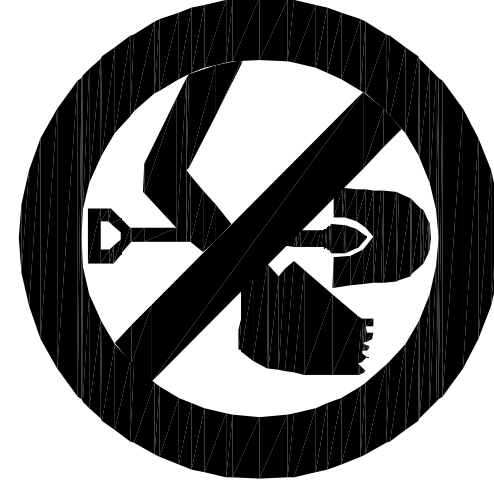


PROJECT VICINITY MAP

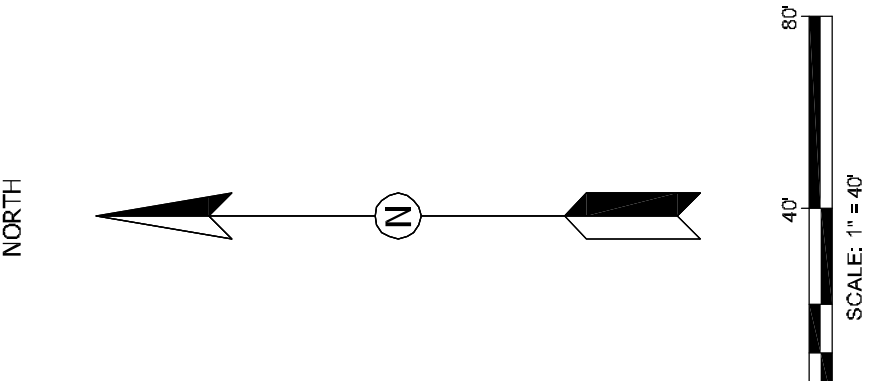
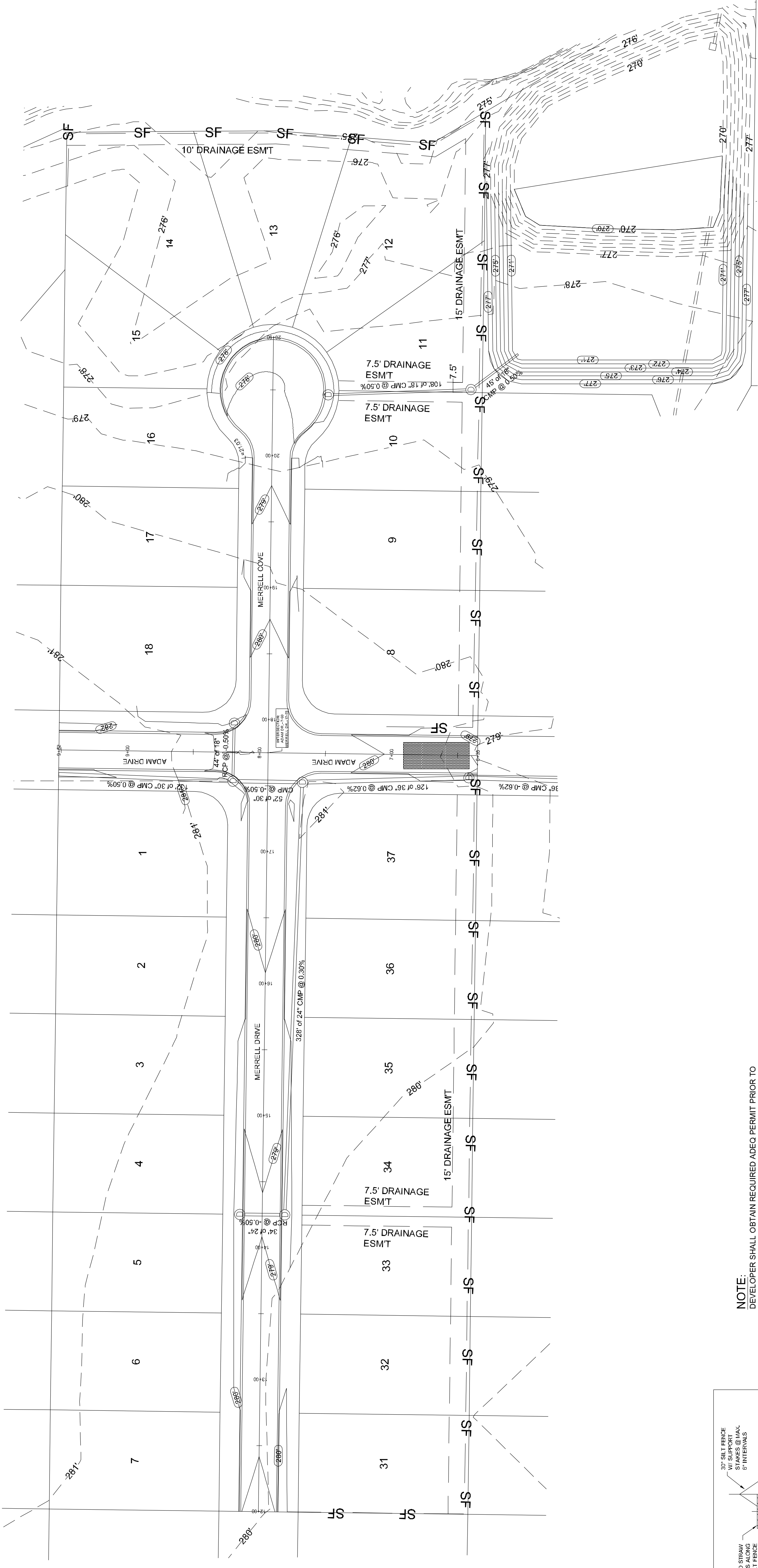
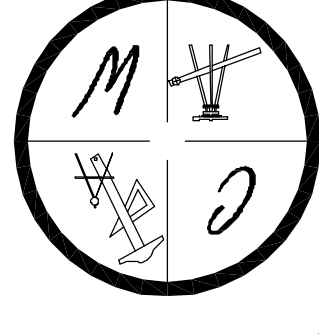
SCALE: 1" = 1000'



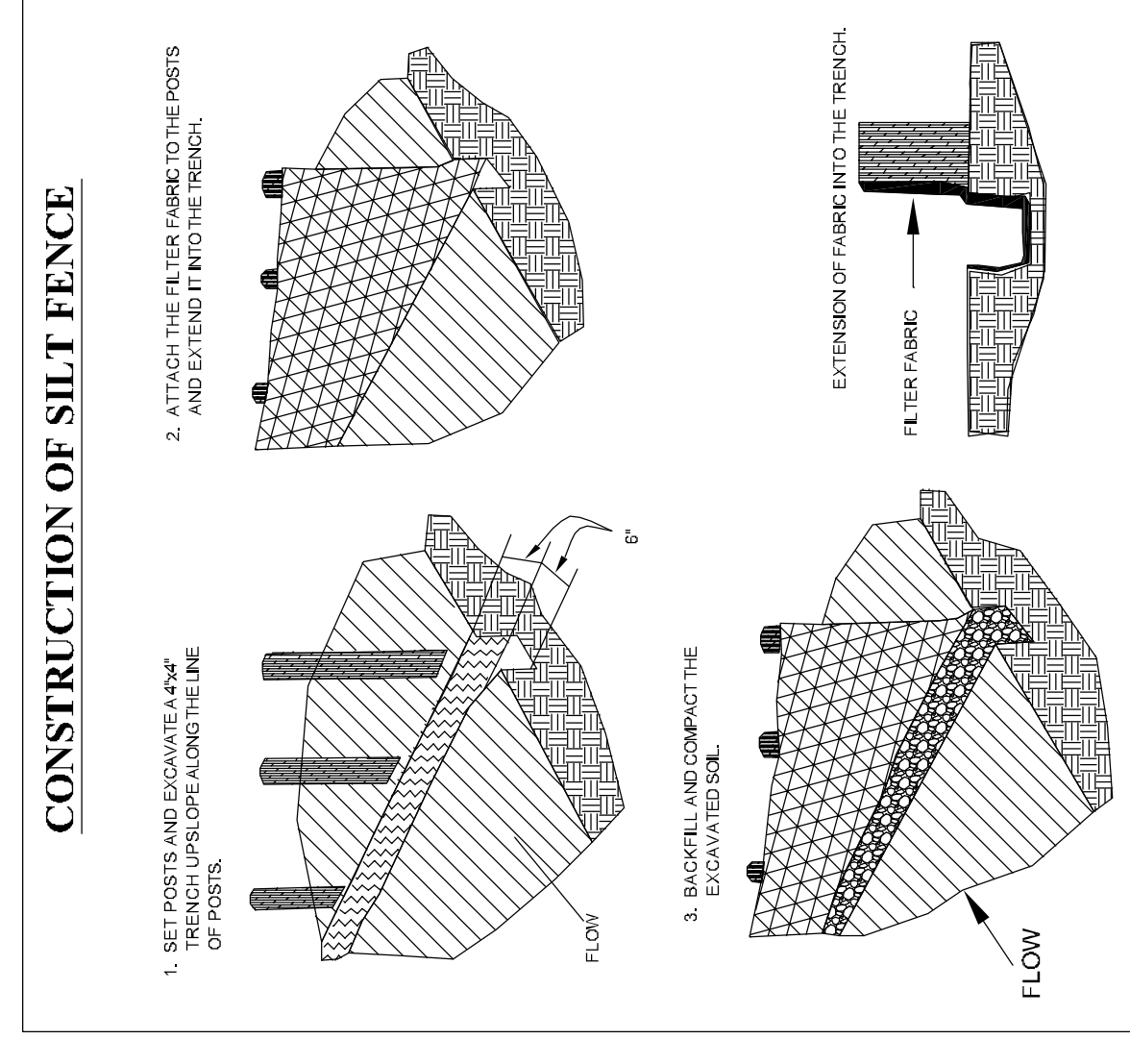
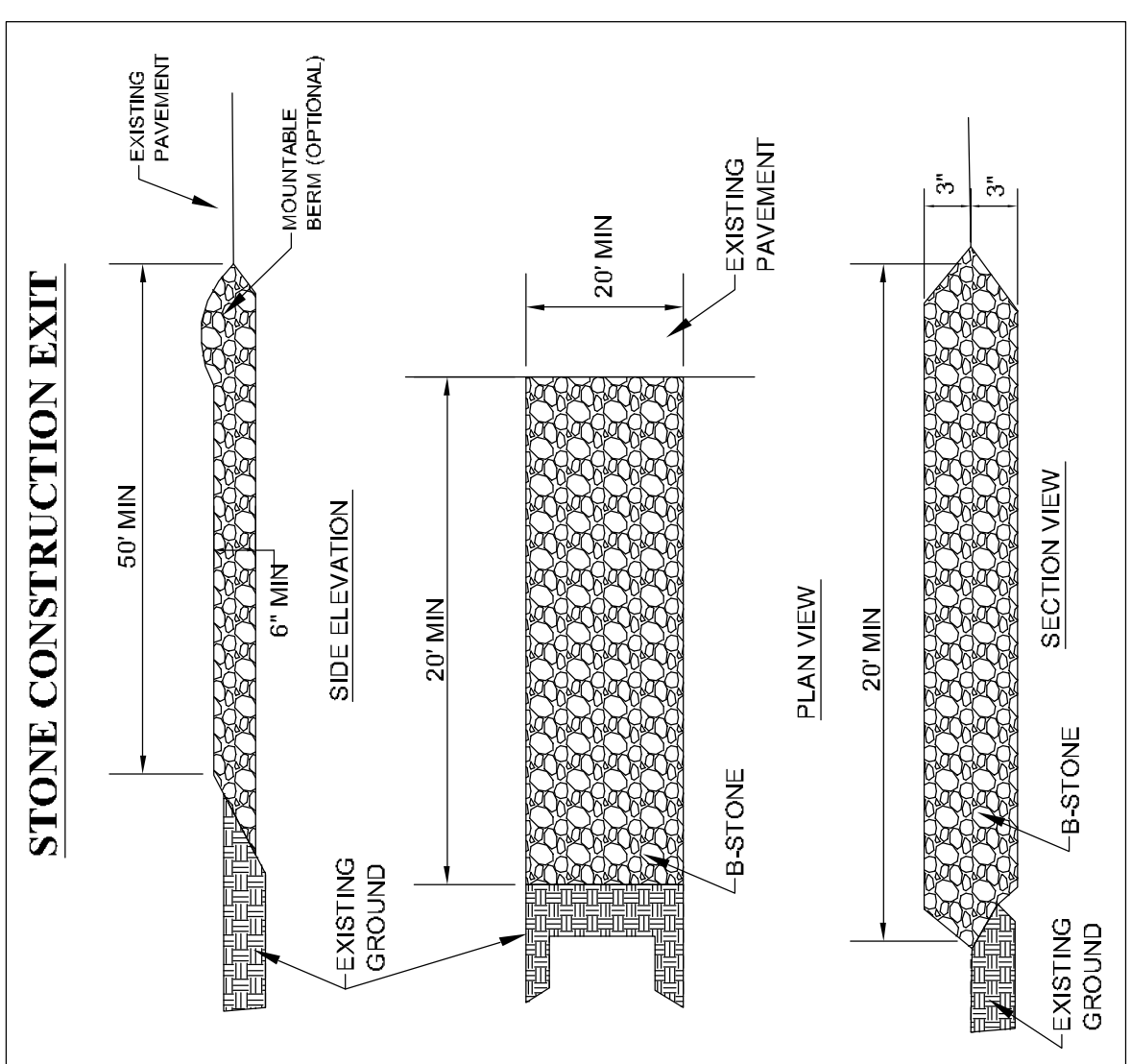
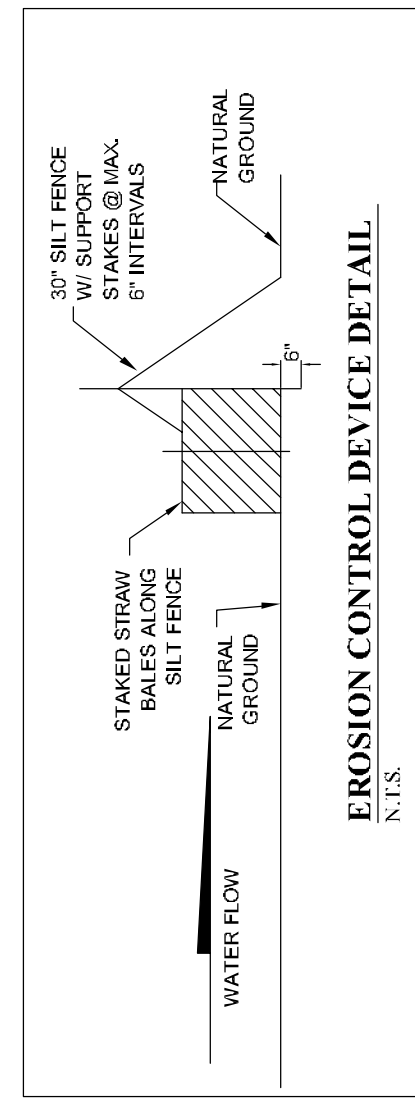
SHEET LAYOUT	
PLAT	
TOPOGRAPHY & DRAINAGE	STR-1
DRAINAGE AREA MAP	STR-2
ADAM DRIVE PLAN & PROFILE	STR-3
MORRIS DRIVE PLAN & PROFILE	STR-4
UTILITY PLAN	UTIL-1
EROSION CONTROL MAP	ECM-1
TYPICAL STREET DETAILS	DET-1



ARKANSAS ONE-CALL SYSTEM, INC.
1-800-482-8998 OR 811



NOTE:
DEVELOPER SHALL OBTAIN REQUIRED ADEQ PERMIT PRIOR TO COMMENCING WORK ON THE SITE. PREPARE A SWPPP PLAN, AND DISPLAY THEM FOR PUBLIC ACCESS AT THE SITE.



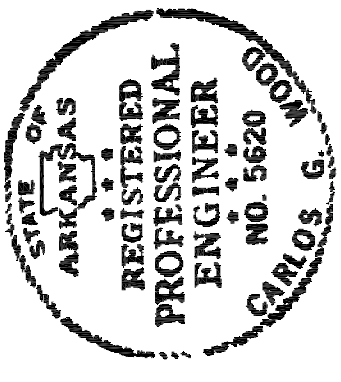
- NOTES:**
- THIS DRAWING REPRESENTS THE SCHEMATIC MAP OF THE LOCATION AND TYPE OF THE MINIMUM EROSION CONTROL MEASURES ANTICIPATED FOR THIS PROJECT. THE SWPPP PLAN SHALL BE PREPARED AND SUBMITTED TO THE ADEQ. THIS MAP SHALL BE UPDATED AND MODIFIED PERIODICALLY AS SPECIFIED IN THE SWPPP PLAN IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF ARKANSAS NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT).
 - THE OWNER SHALL BE RESPONSIBLE FOR SUBMITTING THE NOTICE OF INTENT TO THE ADEQ AND ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) AS REQUIRED BY THE GENERAL NPDES PERMIT REGULATIONS AND OBTAINING THE REQUIRED PERMIT FROM ADEQ.
 - CONTRACTOR SHALL INSTALL, INSPECT, MAINTAIN, REPAIR, AND MODIFY ALL EROSION CONTROL MEASURES AND SWPPP PLAN IN ACCORDANCE WITH THE ADEQ PERMIT. THE SWPPP PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES. THE SWPPP PLAN SHALL BE MAINTAINED UP TO DATE AND MODIFIED AS NECESSARY. CORRECTIONS HAVE BEEN MADE. CONTRACTOR SHALL MAINTAIN A CONTINUOUS UPDATED SWPPP PLAN AND MAP ON SITE (IN A CONTAINER MARKED AS SUCH TO IDENTIFY THE PLAN) IN A PUBLIC ACCESSIBLE LOCATION FOR REVIEW AND INSPECTION BY THE APPROPRIATE INSPECTORS.
 - SILT FENCE & OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED AS SHOWN ON THE MAP TO PREVENT MIGRATION OF SEDIMENT TO ADJACENT PROPERTIES & ALONG TOE OF DITCH BANK TO ENSURE THAT THE EXISTING DITCHES ARE NOT CONTAMINATED WITH SEDIMENT DURING CONSTRUCTION. ADDITIONAL LOCATIONS MAY BE NECESSARY AS CONSTRUCTION PROGRESSES. AREAS DISTURBED BY CONSTRUCTION SHALL BE TEMPORARILY SEEDED IN AREAS WHERE CONSTRUCTION CEASES FOR 14 DAYS AND PERMANENTLY SEEDED WITHIN 14 DAYS OF THE COMPLETION OF CONSTRUCTION. THE LOCAL SOIL CONSERVATION SERVICE CAN BE CONTACTED FOR ASSISTANCE.
 - CONTRACTOR SHALL INSTALL A STONE CONSTRUCTION EXIT PRIOR TO CONSTRUCTION AT THE LOCATIONS CONSTRUCTION VEHICLES LEAVE THE SITE TO PREVENT DIRT AND MUD TRACKING ONTO STREETS. CONTRACTOR SHALL CLEAN ALL TRACKING MATERIALS FROM STREETS AS FREQUENTLY AS NECESSARY TO MAINTAIN CLEAN STREETS AND AT A MINIMUM OF THE END OF THE DAY.
 - AN INSPECTION SHALL BE MADE WEEKLY. ALL OBSERVED DEFICIENCIES OF THE BEST MANAGEMENT PRACTICES (BMP's) WILL BE RECORDED AND REPAIRED AS SOON AS POSSIBLE.
 - SEDIMENT SHALL BE REMOVED FROM ALL EROSION CONTROL DEVICES WHEN SEDIMENT REACHES 50% OF THE DEVICE CAPACITY.
 - A SOLID WASTE CONTAINER SHALL BE PROVIDED FOR SOLID WASTE REMOVAL.
 - A TEMPORARY SANITARY SEWER CONTAINER SHALL BE PROVIDED.
 - A CONCRETE WASTE PIT SHALL BE PROVIDED AS NEEDED DURING THE CONSTRUCTION OF THE SITE.

OWNER / CONTRACTOR CERTIFICATION :
I hereby certify that the information contained herein was prepared under my direct supervision and in accordance with the requirements of the State of Arkansas National Pollution Discharge Elimination System (NPDES) Permit that authorizes the storm water discharge associated with the industrial activity from the construction site identified as part of this certification.

OWNER: _____ DATE: _____
CONTRACTOR: _____ DATE: _____

PROFESSIONAL PLAN CERTIFICATION :
I certify under penalty of law that this document and all drawings were prepared under my direct supervision and in accordance with the requirements of the State of Arkansas National Pollution Discharge Elimination System (NPDES) Permit that authorizes the storm water discharge associated with the industrial activity from the construction site identified as part of this certification. I am a duly licensed and qualified professional engineer for a consulting profession, including the possibility of the need and requirement for knowledge related to the project.

PRINTED NAME: _____ DATE: _____
SIGNATURE: _____



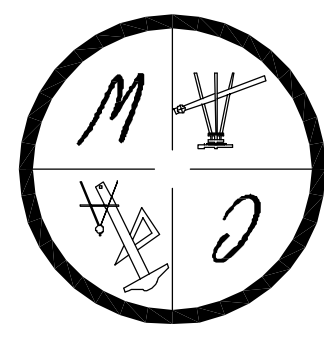
MERRELL ESTATE PHASE II

JONESBORO, AR
TOPOGRAPHY &
DRAINAGE PLAN

DATE: 4.22.11

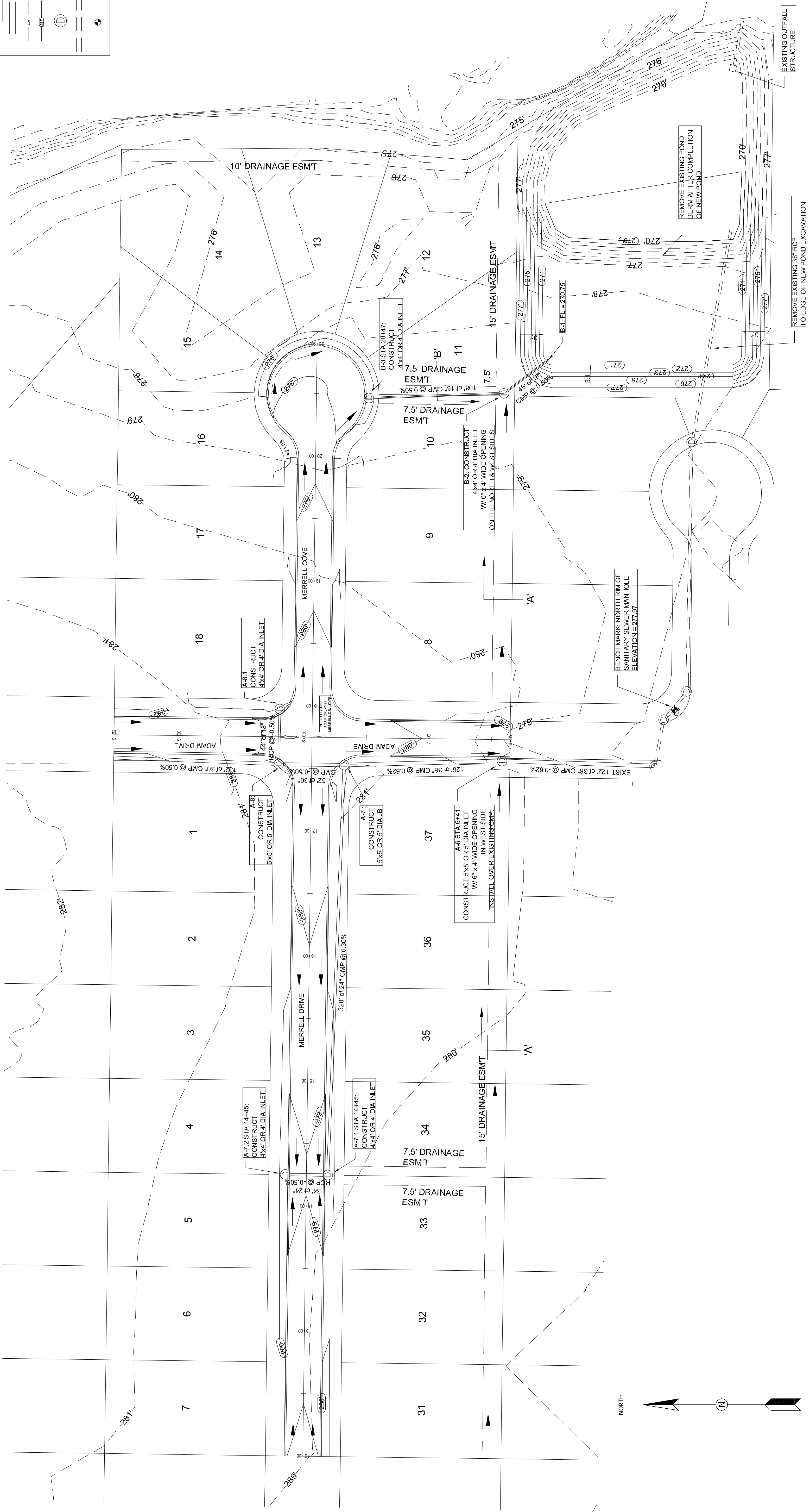
SCALE: 1" = 40'

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LEGEND

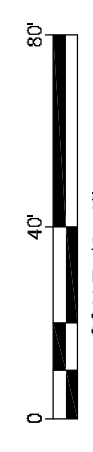
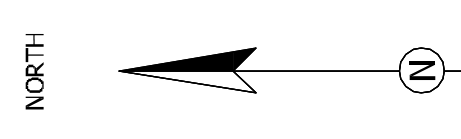
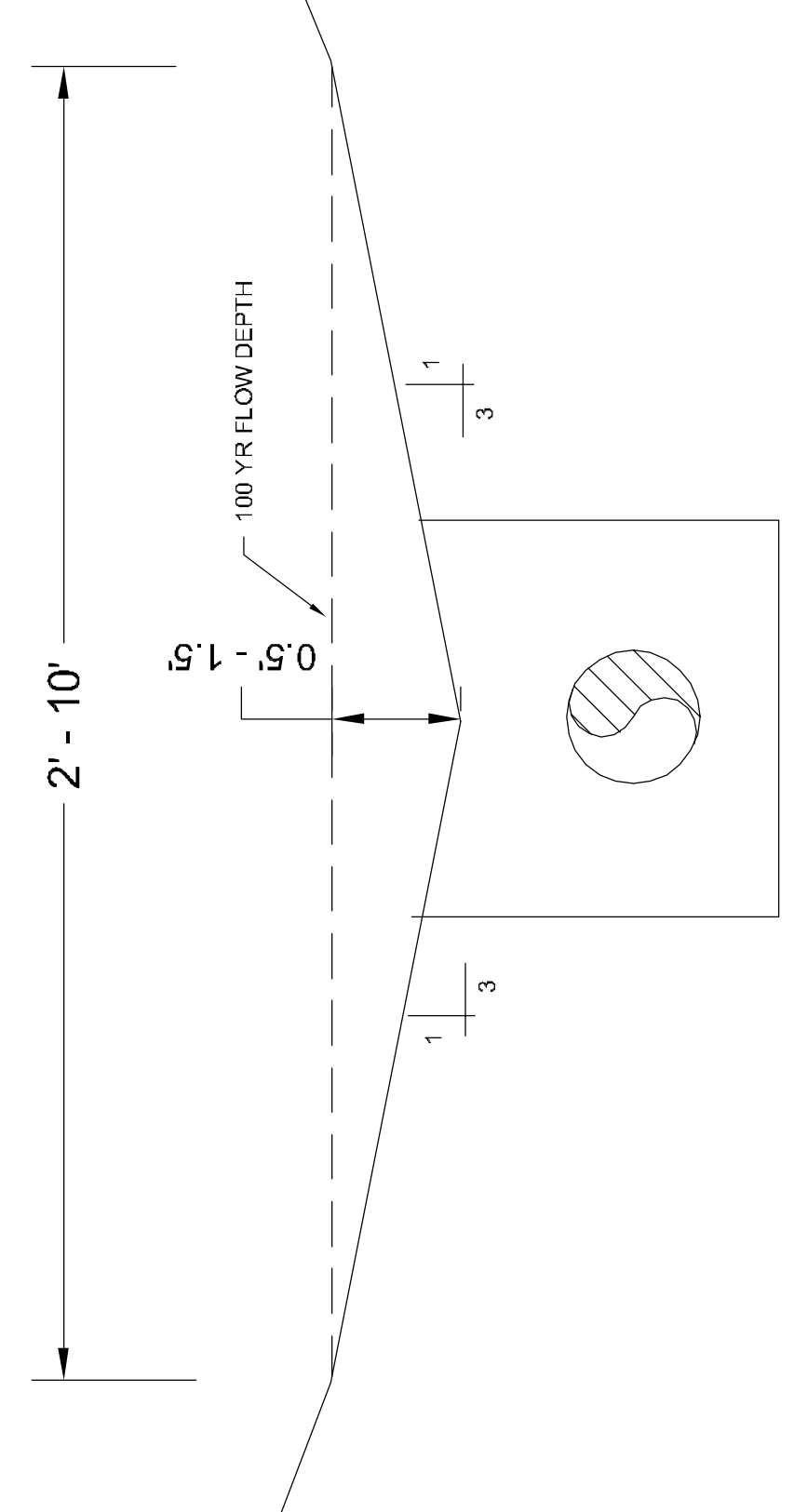
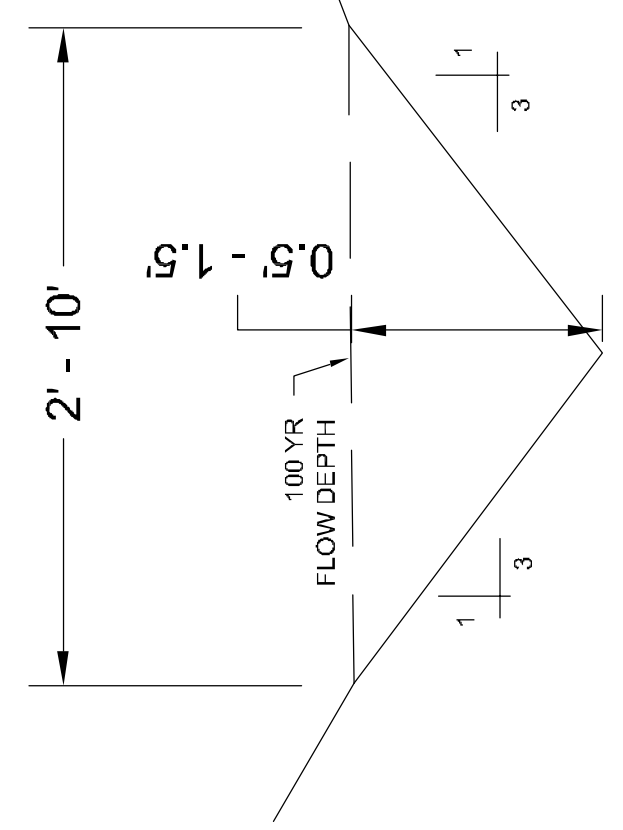
	CURB
	EXISTING CONTOUR
	PROPOSED CONTOUR
	STORM DRAIN INLET
	STORAGE DRAIN PIPE
	BENCHMARK

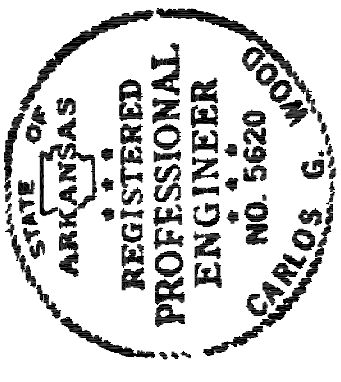


PIPE NOTE:
 ALL CMP PIPE SHALL BE ALUMINIZED STEEL TYPE 2
 ASTM A-829, ASTM A-760
 ALL RCP PIPE SHALL BE RCP CLASS III OR CLASS IV
 ASTM C-76, ASTM C-506, ASTM C-507

NOTE:
 DEVELOPER SHALL OBTAIN GRADING PERMIT FROM THE CITY OF JONESBORO ENGINEERING DEPARTMENT PRIOR TO COMMENCING EARTHWORK AND/OR CLEARING OPERATIONS.
 DEVELOPER SHALL OBTAIN REQUIRED ADEQ PERMIT PRIOR TO COMMENCING WORK ON THE SITE. PREPARE A SWPPP PLAN, AND DISPLAY THEM FOR PUBLIC ACCESS AT THE SITE.

SURVEY CONTROL REFERENCE MARKS:
 • JONESBORO MONUMENT # 89
 • JONESBORO MONUMENT # 43
 VERTICAL CONTROL IS NAVD 88
 HORIZONTAL CONTROL IS NAD 83





MERRILL ESTATE PHASE II

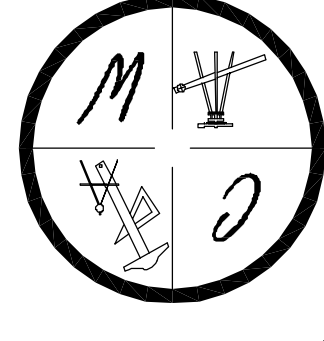
JONESBORO, AR

DATE: 4/22/11

REV:

UPPIN, P.C. B27

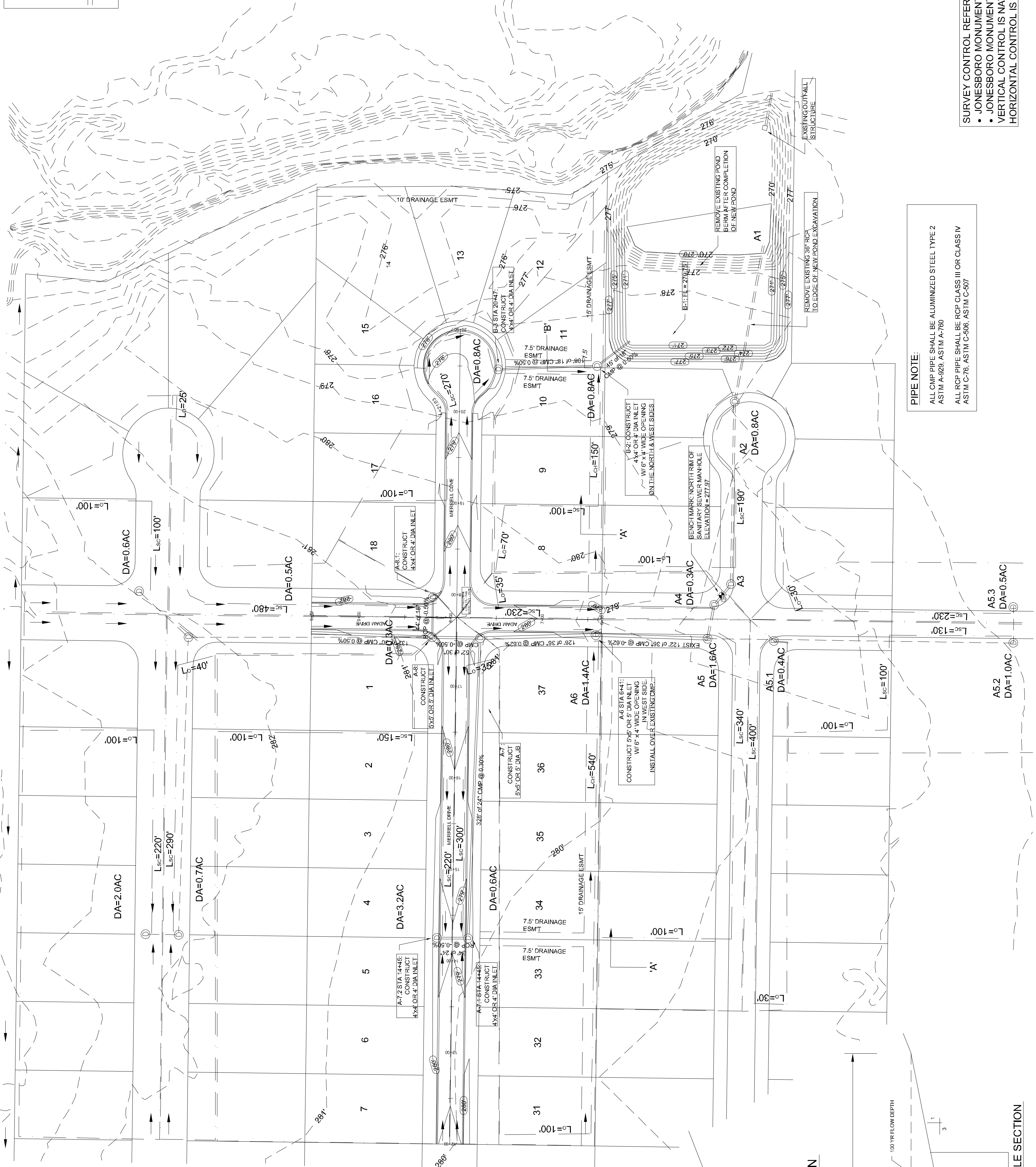
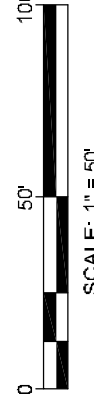
CARLOS WOOD, P.E.
ENGINEERING CONSULTANT
122 CR 375
BONO, AR 72416
PHONE: (870) 972-8335
EMAIL: WOODENR@SRCGLOBAL.NET
WEBSITE: WWW.WOODENR.COM



LEGEND

---	CURB
- - -	EXISTING CONTOUR
- - -	PROPOSED CONTOUR
⊕	STORM DRAIN INLET
⊕	STORM DRAIN PIPE
+	BENCHMARK

NORTH

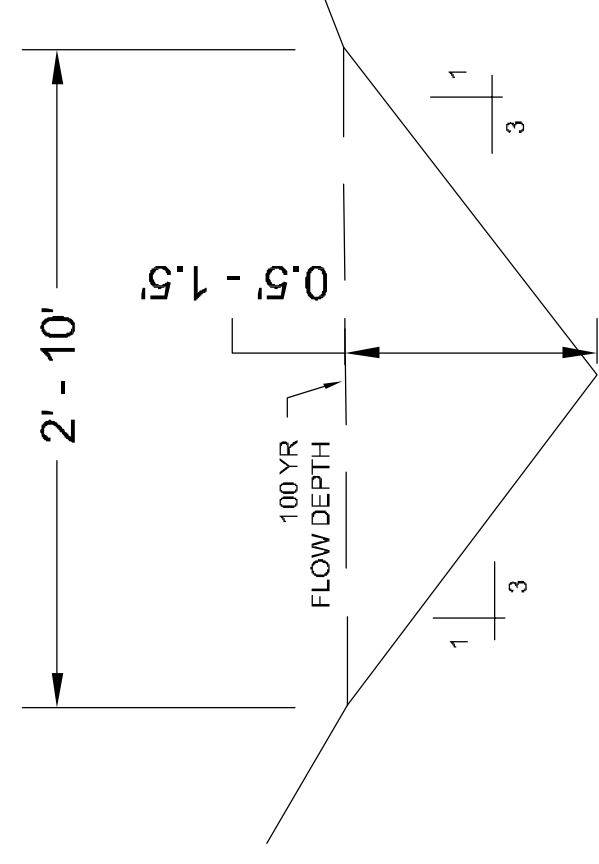


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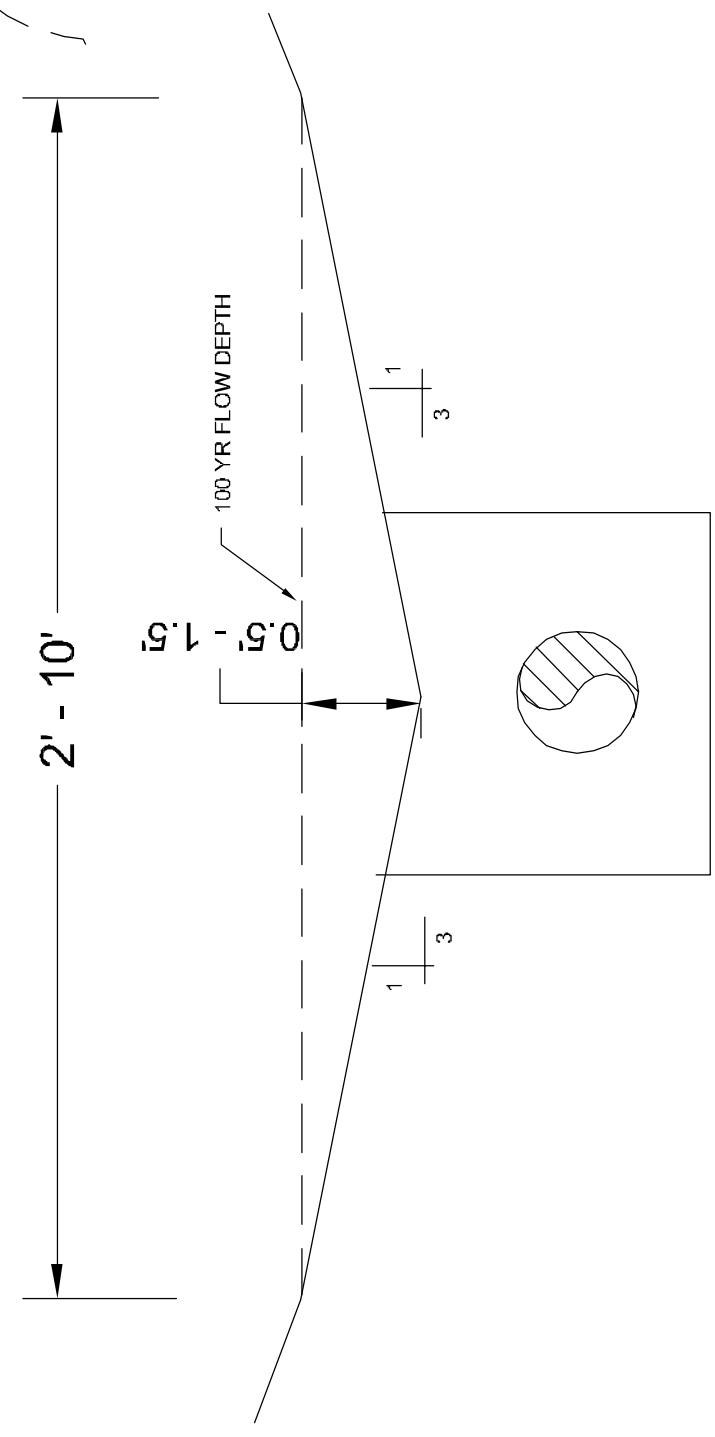
- ALL CMP PIPE SHALL BE ALUMINIZED STEEL TYPE 2
ASTM A-929, ASTM A-760
- ALL RCP PIPE SHALL BE RCP CLASS III OR CLASS IV
ASTM C-76, ASTM C-606, ASTM C-507

SURVEY CONTROL REFERENCE MARKS:

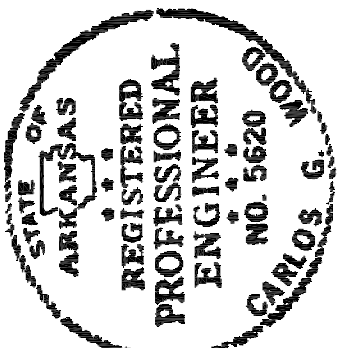
- JONESBORO MONUMENT # 89
- JONESBORO MONUMENT # 43
- VERTICAL CONTROL IS NAVD 88
- HORIZONTAL CONTROL IS NAD 83



'A' - TYPICAL SWALE SECTION
N.T.S.



'B' - TYPICAL SWALE SECTION
N.T.S.



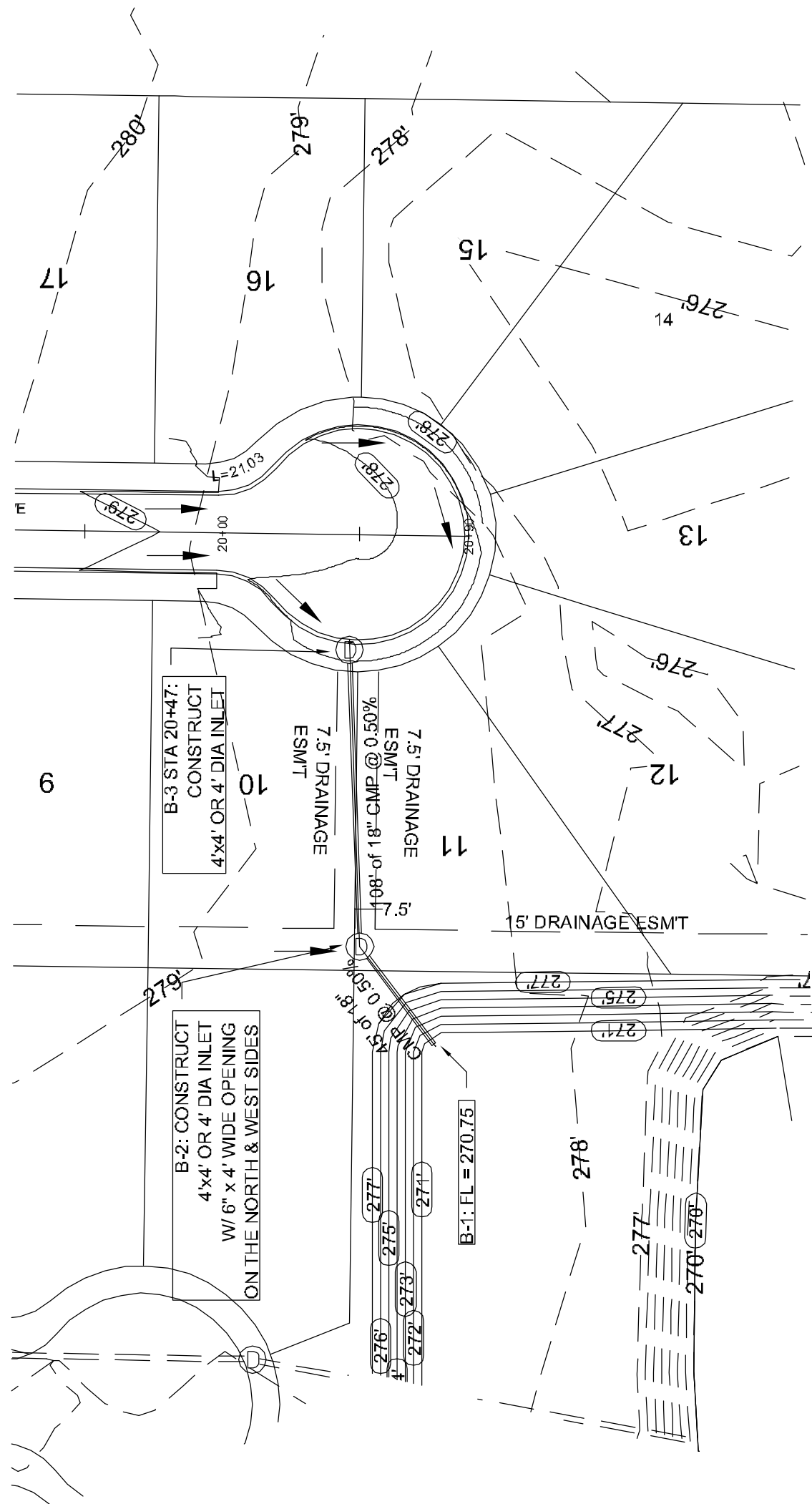
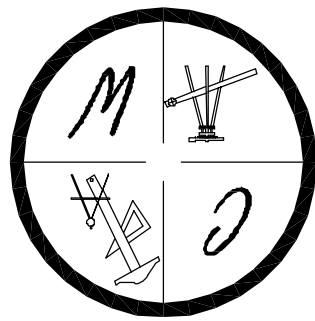
MERRRELL ESTATE PHASE II

JONESBORO, AR

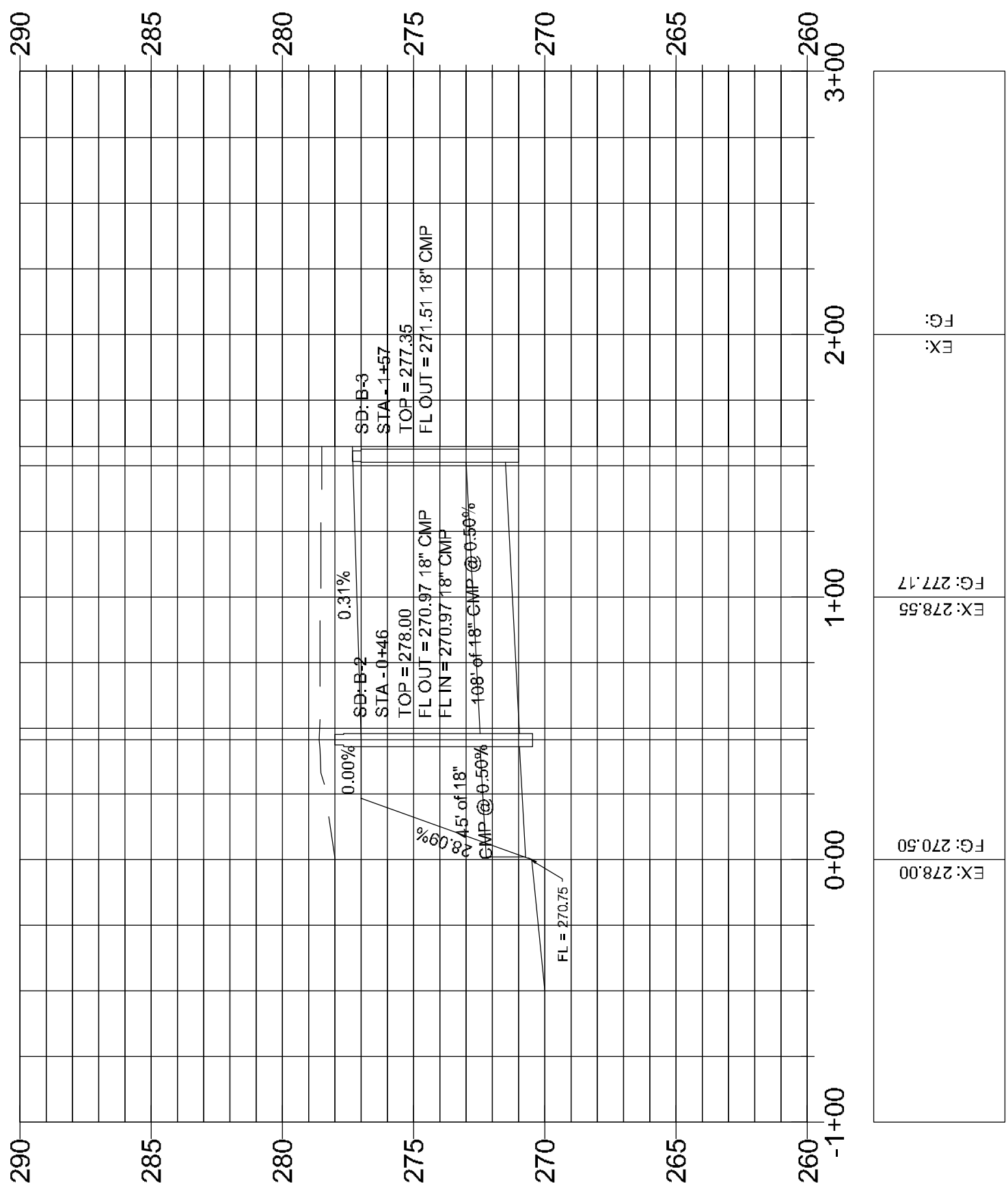
DATE: 4.22.11
REV:

UPON P.C. 327

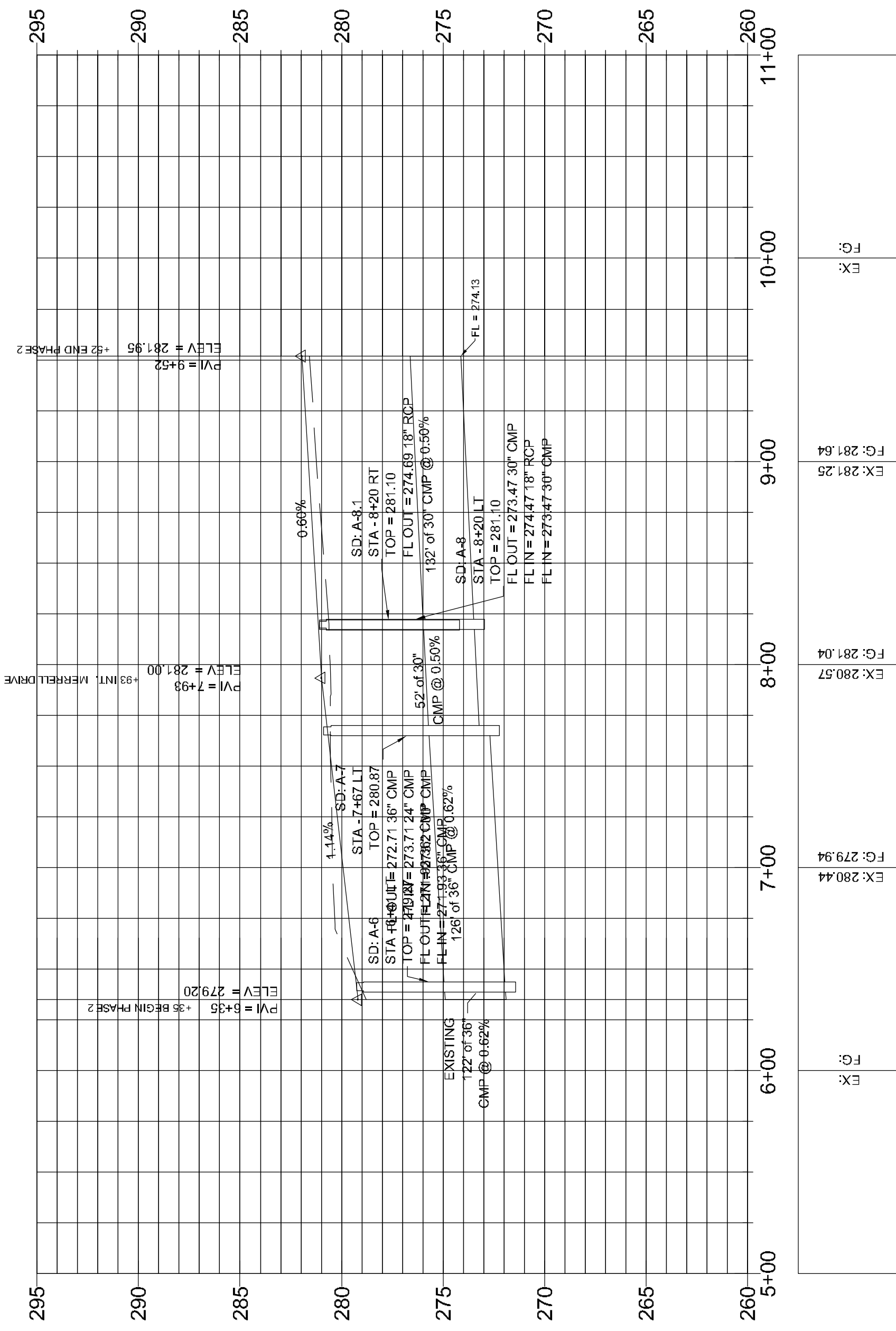
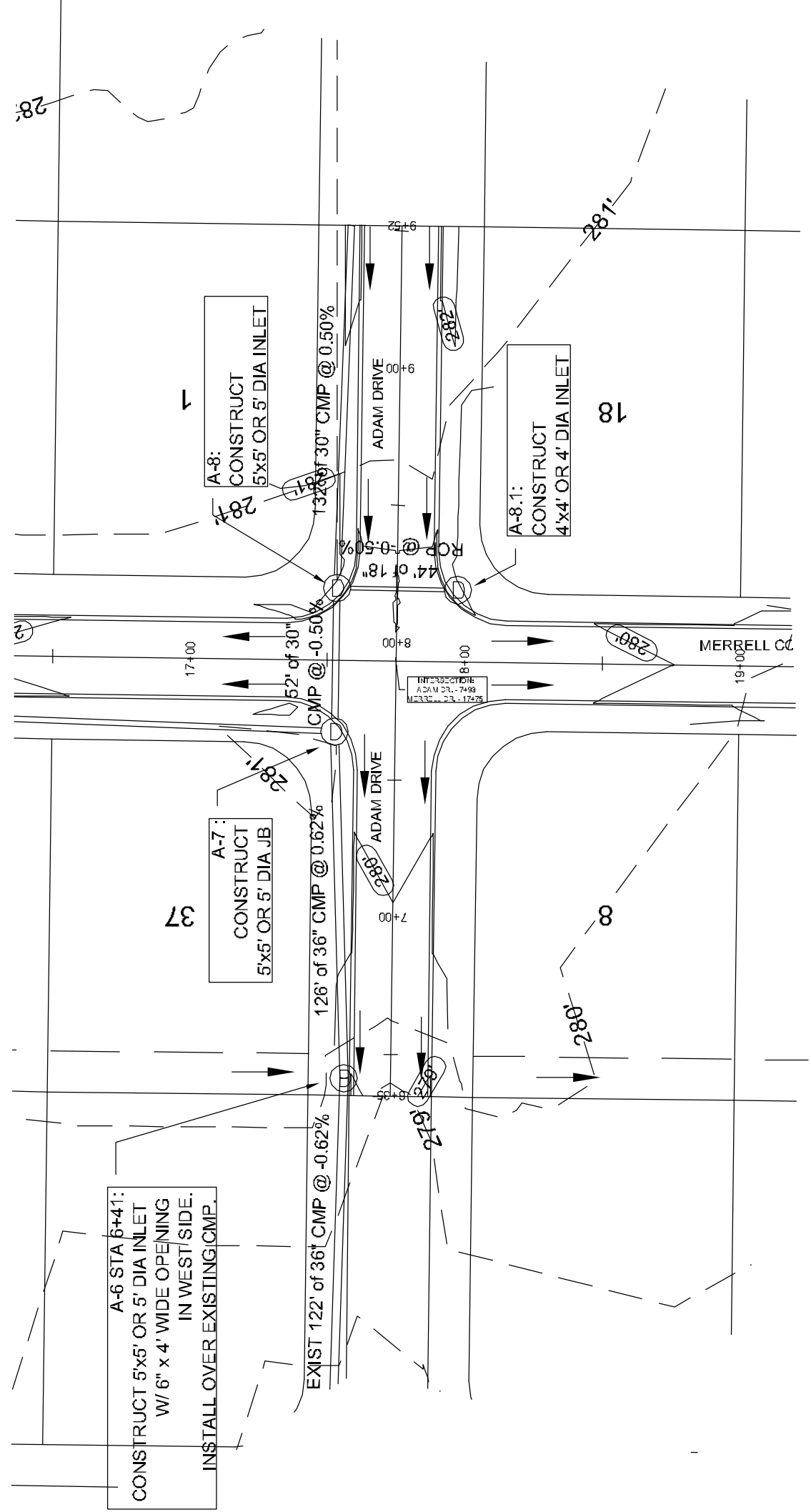
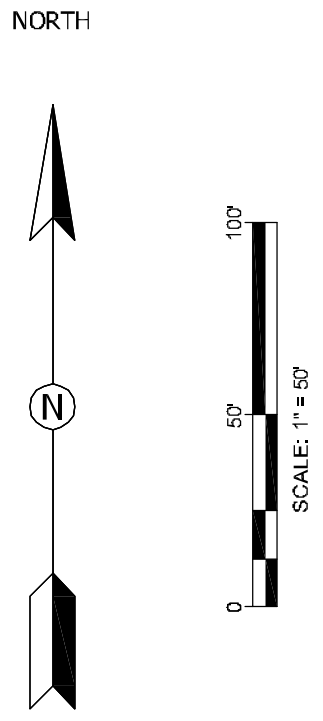
CARLOS WOOD, P.E.
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BONO, AR 72416
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EMAIL: WOODENGR@SBCGLOBAL.NET
WEBSITE: WWW.WOODENGR.COM

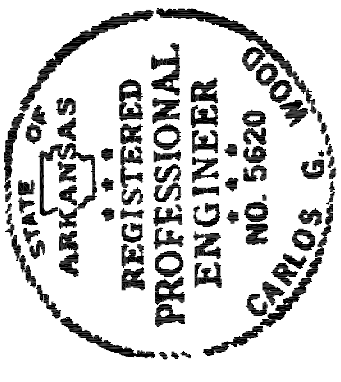


PIPE NOTE:
ALL CMP PIPE SHALL BE ALUMINIZED STEEL TYPE 2
ASTM A-828, ASTM A-780
ALL RCP PIPE SHALL BE RCP CLASS III OR CLASS IV
ASTM C-76, ASTM C-506, ASTM C-507



PROFILE SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'





MERRELL ESTATE PHASE II

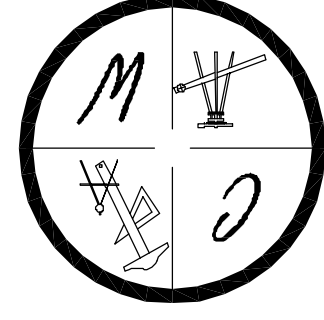
JONESBORO, AR

DATE: 4/22/11

REV:

UPMAN, P.C. B27

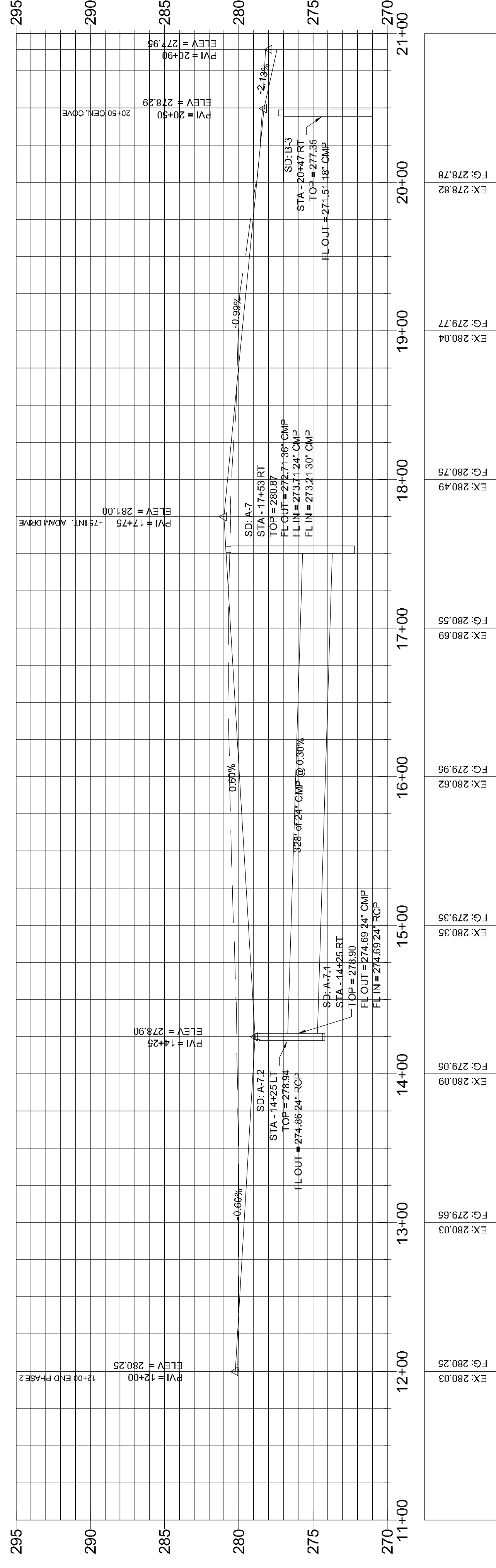
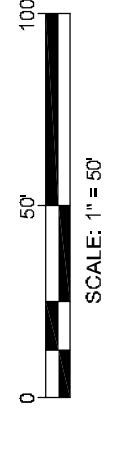
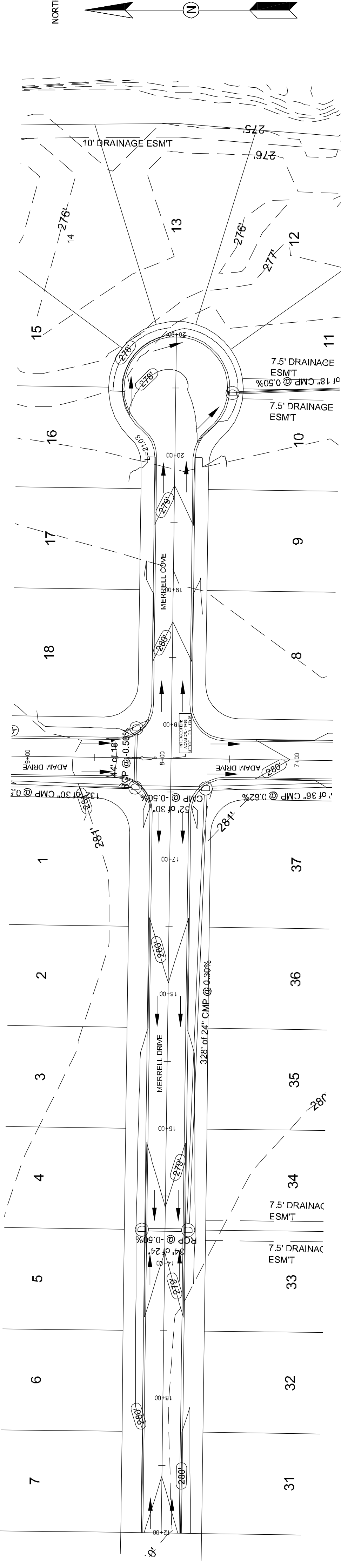
CARLOS WOOD, P.E.
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PIPE NOTE:
ALL CMP PIPE SHALL BE ALUMINIZED STEEL TYPE 2
ASTM A-929, ASTM A-760
ALL RCP PIPE SHALL BE RCP CLASS III OR CLASS IV
ASTM C-76, ASTM C-506, ASTM C-507

PROFILE SCALE:

HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'





MERRELL ESTATE PHASE II

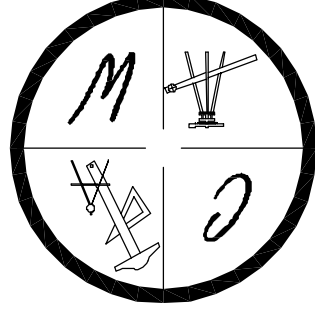
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DATE: 4/22/11

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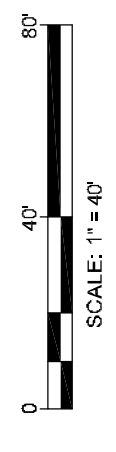
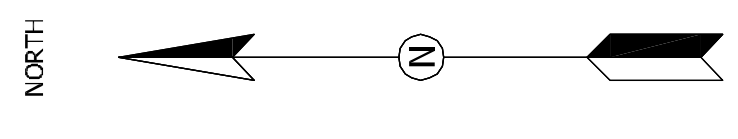
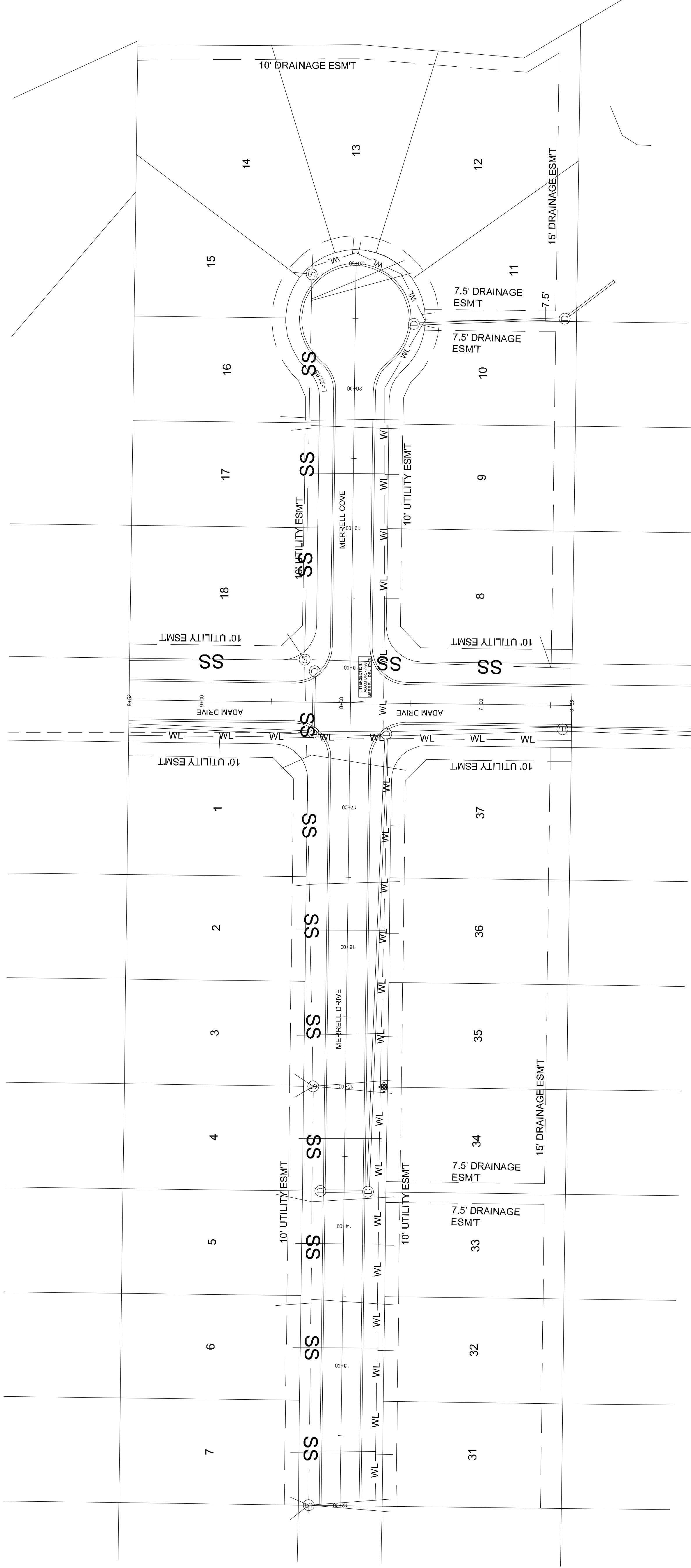
UPPIN, P.C. B27

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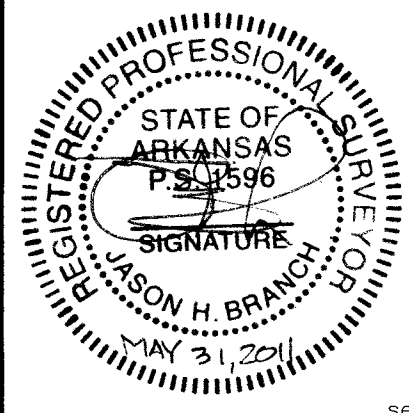
LEGEND

- CURB
- SS SANITARY SEWER
- WL WATER LINE
- FM FIRE HYDRANT
- SM SEWER MANHOLE
- SD STORM DRAIN
- INLET
- STORM DRAIN PIPE

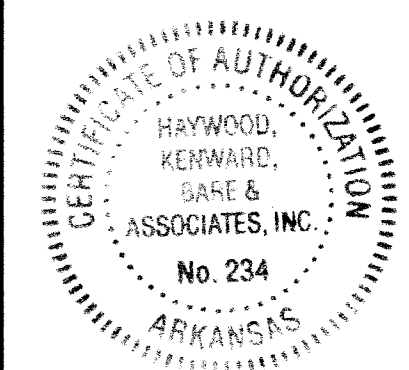


RECORD PLAT MERRELL ESTATES, PHASE II

A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST JONESBORO, CRAIGHEAD COUNTY, ARKANSAS



JASON H. BRANCH, P.S. AR - 1596

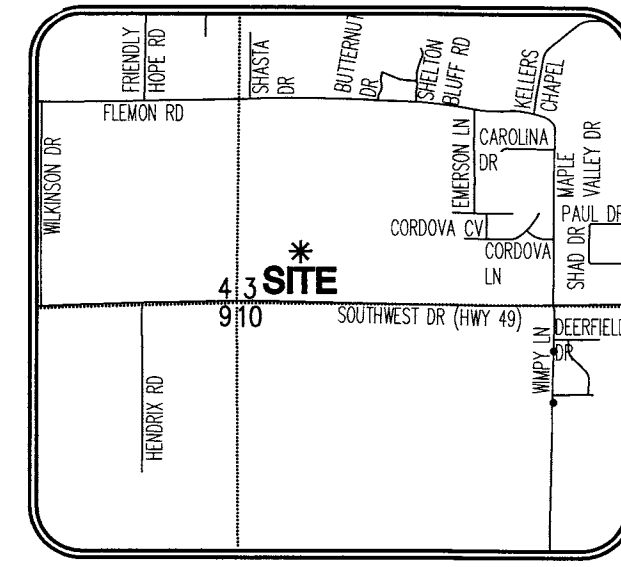


Haywood, Kenward, Bare, and Associates, Inc Arkansas - 234

CLIENT: MORRIS-KIDD, LLC

COPYRIGHT 2011. ALL RIGHTS RESERVED

Table with columns: DATE, DESCRIPTION, REVISIONS. Includes project info: PROJECT NO. MO35-0002-02, DRAWN BY JHB, SHEET 1 OF 1, SCALE 1"=50', DATE 05/26/11, DRAWING NO. 20-53



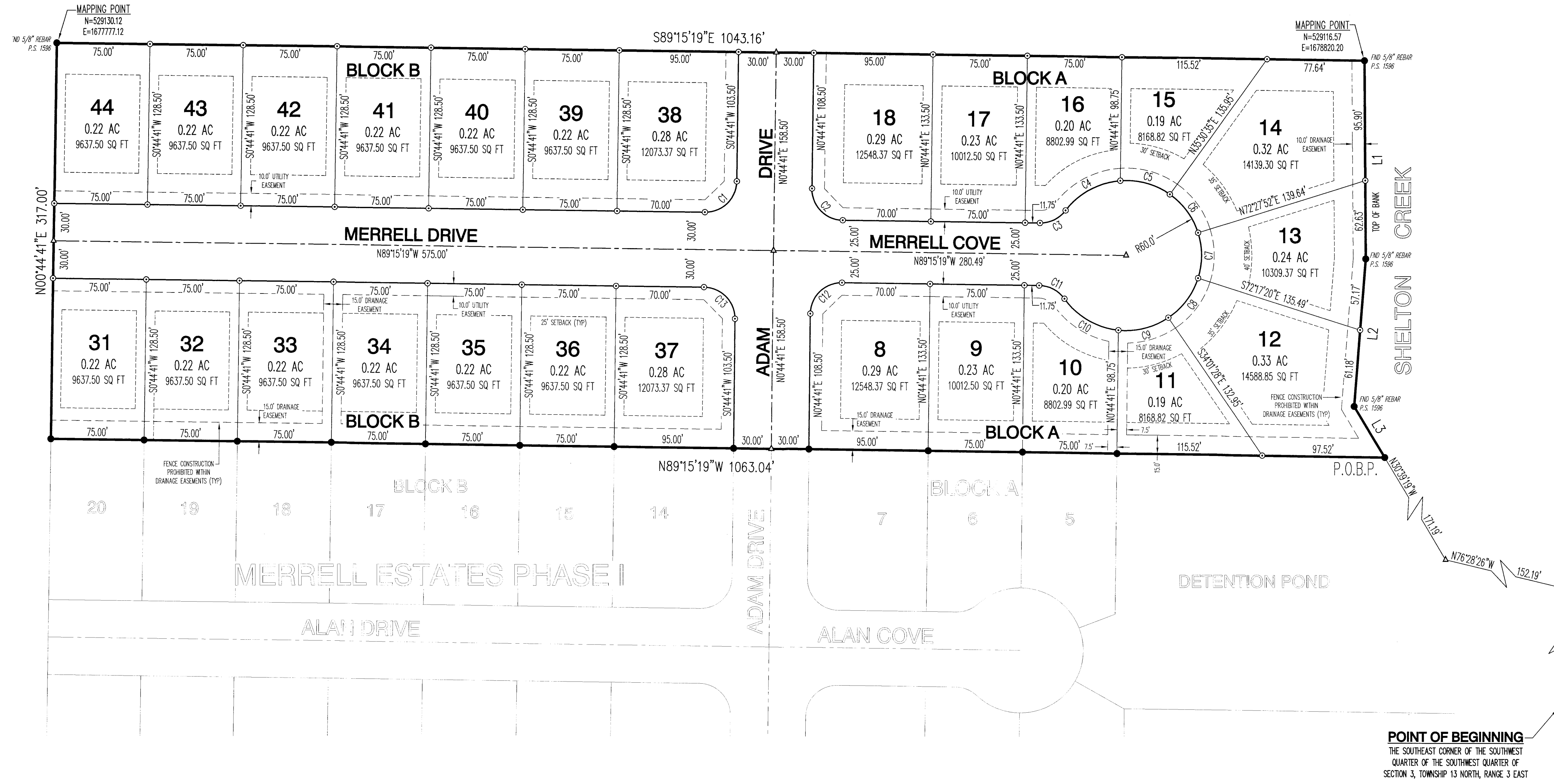
BASE OF BEARINGS: RECORD PLAT OF MERRELL ESTATES BY TERRY G. BARE P.S. 1048, RECORDED IN BOOK C, PAGE 177, DATED MAY 17, 2006.

VICINITY MAP (NOT TO SCALE)

LEGEND: FOUND 5/8" REBAR, W/ YELLOW PLASTIC CAP, STAMPED "TERRY BARE, P.S. 1048" (UNLESS NOTED OTHERWISE); SET 5/8" REBAR W/ RED PLASTIC CAP, STAMPED "BRANCH P.S. 1596"; COMPUTED POINT (NOT MONUMENTED)

CURVE TABLE with columns: NUMBER, DELTA ANGLE, CHORD DIRECTION, RADIUS, ARC LENGTH, CHORD LENGTH. Lists curves C1 through C12.

LINE TABLE with columns: NUMBER, DIRECTION, DISTANCE. Lists lines L1, L2, L3.



CERTIFICATE OF SURVEY: THIS IS TO CERTIFY THAT HAYWOOD, KENWARD, BARE AND ASSOCIATES, INC., PROFESSIONAL LAND SURVEYORS, HAVE SURVEYED THE FOLLOWING DESCRIBED PARCEL OF LAND:

A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST, JONESBORO, CRAIGHEAD COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST, JONESBORO, CRAIGHEAD COUNTY, ARKANSAS; THENCE NORTH 00°18'25" EAST, ALONG THE EAST LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 3, 466.62 FEET TO THE SOUTHWESTERLY TOP OF BANK OF SHELTON CREEK; THENCE ALONG SAID TOP OF BANK THE FOLLOWING COURSES AND DISTANCES: NORTH 76°28'26" WEST, 152.19 FEET; NORTH 30°39'19" WEST, 171.19 FEET TO THE POINT OF BEGINNING PROPER; THENCE NORTH 89°15'19" WEST, LEAVING SAID TOP OF BANK, 1063.04 FEET; THENCE NORTH 00°44'41" EAST, 317.00 FEET; THENCE SOUTH 89°15'19" EAST, 1043.16 FEET TO THE WESTERLY TOP OF BANK OF SHELTON CREEK; THENCE ALONG SAID TOP OF BANK THE FOLLOWING COURSES AND DISTANCES: SOUTH 00°23'14" EAST, 158.53 FEET; SOUTH 04°35'00" WEST, 118.35 FEET; SOUTH 30°39'19" EAST, 47.35 FEET TO THE POINT OF BEGINNING PROPER, CONTAINING 7.60 ACRES, MORE OR LESS, SUBJECT TO ALL RIGHTS-OF-WAY AND EASEMENTS OF RECORD.

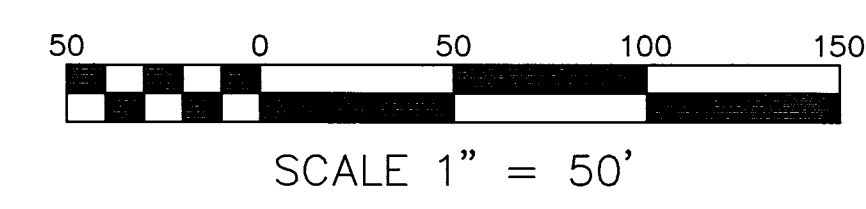
DEDICATION OF PLAT: WE BEING THE OWNERS/AGENTS OF THE ABOVE DESCRIBED PARCEL OF LAND, DO HEREBY PLAT AND LAYOUT SAME INTO A SUBDIVISION COMPOSED OF LOTS AND STREETS AS SHOWN ON THE PLAT HEREON.

MERRELL ESTATES PHASE II TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS.

AND SAID OWNERS/AGENTS DO HEREBY DEDICATE TO THE PUBLIC USE FOREVER, ALL THE STREETS OF WIDTH, LENGTH AND LOCATION AS SHOWN ON THE PLAT HEREON, FOR THE PURPOSE OF INGRESS/EGRESS AND UTILITY CONSTRUCTION AND MAINTENANCE, AND SAID OWNERS/AGENTS DO HEREBY DEDICATE ALL EASEMENTS TO THE PUBLIC USE FOR THE EXPRESS PURPOSE AS SHOWN ON THE PLAT HEREON. SAID DRAINAGE AND UTILITY EASEMENTS SHALL NOT BE USED FOR INGRESS/EGRESS BY THE PUBLIC.

SIGNED THIS 31st DAY OF MAY 2011 BY NAME: MARK MORRIS SIGNATURE: [Signature] TITLE: PARTNER: MORRIS-KIDD, LLC

- SURVEYOR'S NOTES: 1. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD OR ANY OTHER FACTS WHICH AN ACCURATE TITLE SEARCH MAY DISCLOSE. 2. BASIS OF BEARINGS: RECORD PLAT OF MERRELL ESTATES, BY TERRY G. BARE, P.S. 1048, RECORDED IN BOOK C, PAGE 177, DATED MAY 17, 2006. 3. THE FOLLOWING DOCUMENTS WERE USED IN THE CONSTRUCTION OF THIS SURVEY: RECORD PLAT OF MERRELL ESTATES, BY TERRY G. BARE P.S. 1048, RECORDED IN BOOK C, PAGE 177, DATED MAY 17, 2006. 4. R-1 BUILDING SETBACK REQUIREMENTS: STREET SETBACK 25', REAR SETBACK 25', SIDE SETBACK 7.5'. 5. THE SUBJECT PROPERTY LIES OUTSIDE THE 100 YEAR SPECIAL FLOOD HAZARD ZONE, AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP PANEL NO. 0503010010C00, EFFECTIVE DATE SEPTEMBER 27, 1991. 6. THE HORIZONTAL MAPPING POINTS, AS SHOWN ON THIS PLAT, HAVE BEEN DETERMINED BY ARKANSAS STATE PLANE COORDINATE SYSTEM, NORTH ZONE (0301), NAD 83, AND HAVE BEEN TIED TO JONESBORO OPS MONUMENTS 58 AND 59. 7. THE RECORDING OF THIS SURVEYOR'S FINAL PLAT DOES NOT GUARANTEE COMPLIANCE TO ORDINANCE NO. 1145. SALE OF LOTS MUST SATISFY THE REQUIREMENTS OF THE OF THE CITY OF JONESBORO ORDINANCE NO. 1145, CODIFIED AS 15.16.03, REQUIRING A CORPORATE SURETY BOND FOR IMPROVEMENTS IN SUBDIVISION DEVELOPMENTS. OTHERWISE, NO BUILDING PERMITS SHALL BE ISSUED BY THE CITY OF JONESBORO ON SAID LOTS.



RECORD PLAT