

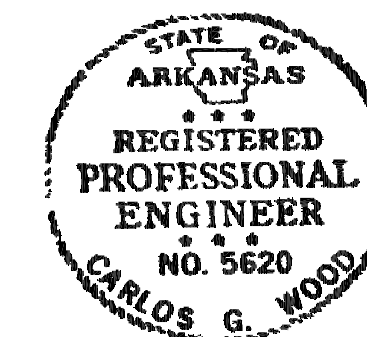
# ABIGAIL CROSSING PHASE I

JONESBORO, ARKANSAS

FINAL

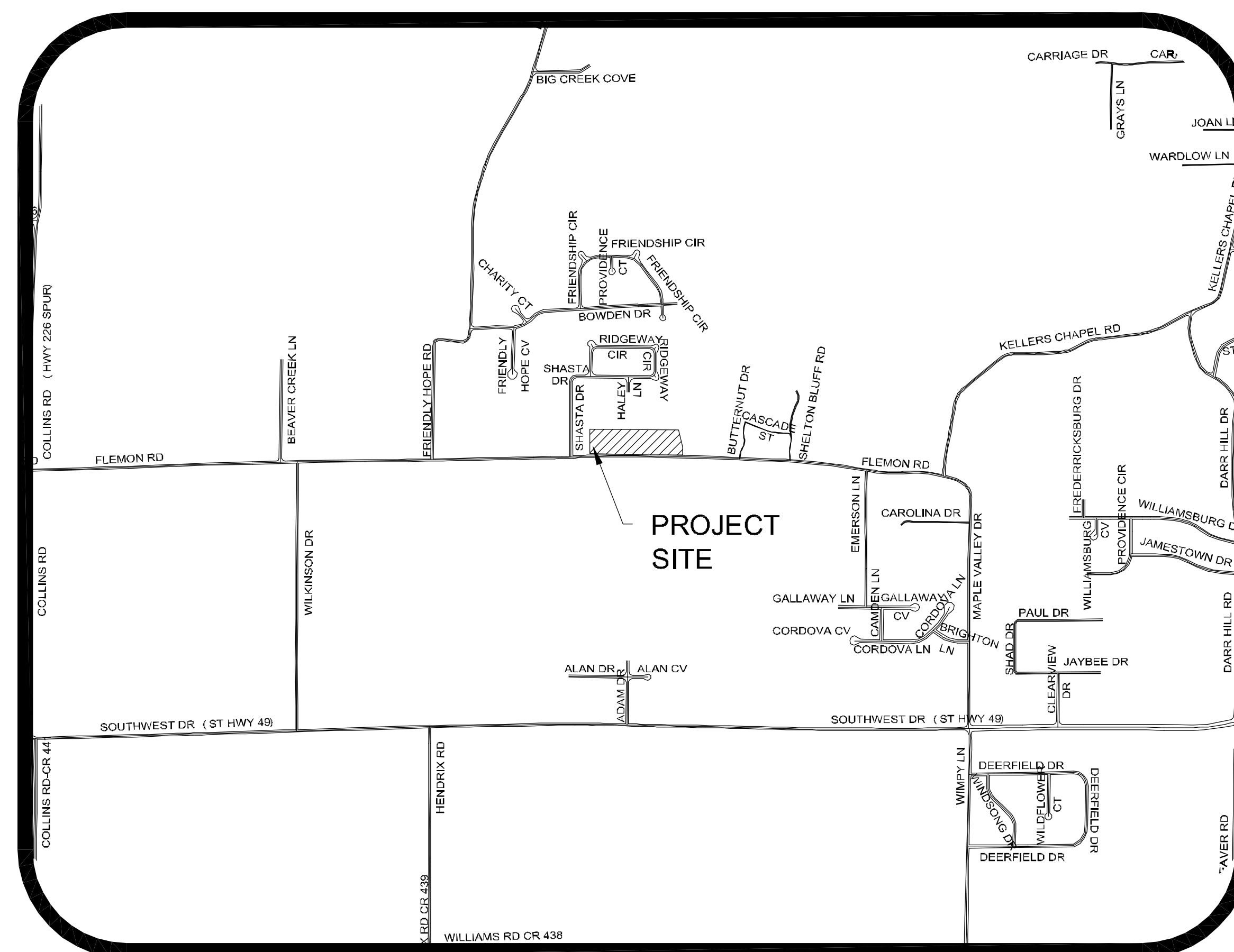
STREET & DRAINAGE PLANS

DECEMBER 26, 2011

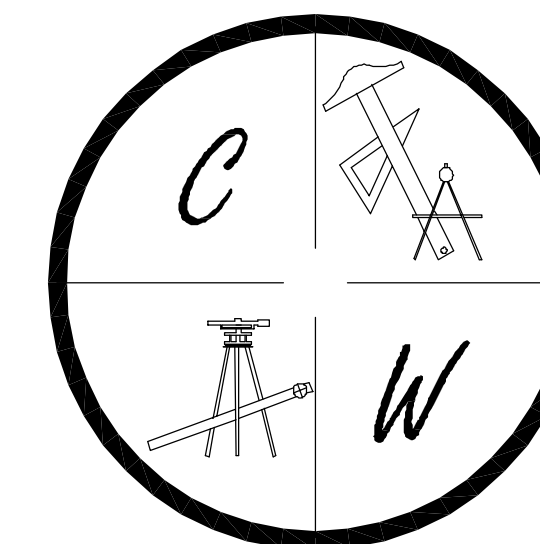


## PROJECT VICINITY MAP

SCALE: 1" = 1000'



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



CARLOS WOOD, P.E.  
ENGINEERING CONSULTANT

122 CR 375  
BONO, AR 72416  
PHONE: (870) 972-8335  
EMAIL: WOODENGR@SBCGLOBAL.NET  
WEBSITE: WWW.WOODENGR.COM

## SHEET LAYOUT

SHEET LAYOUT	
PLAT	
TOPOGRAPHY & DRAINAGE	STR-1
FLEMON ROAD PLAN & PROFILE	STR-2
UTILITY PLAN	UTIL-1
EROSION CONTROL MAP	ECM-1
TYPICAL STREET DETAILS	DET-1

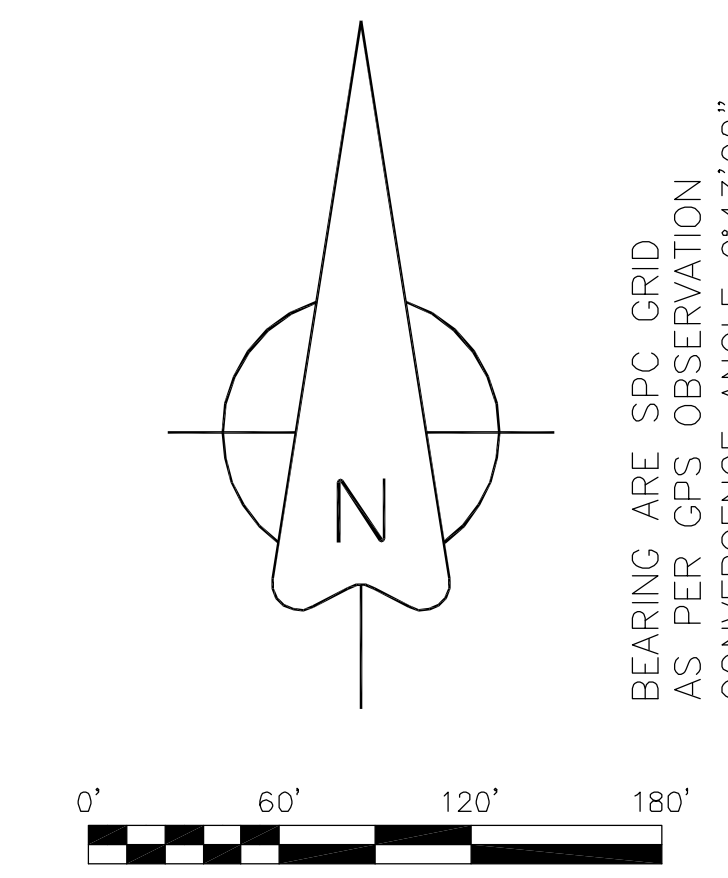
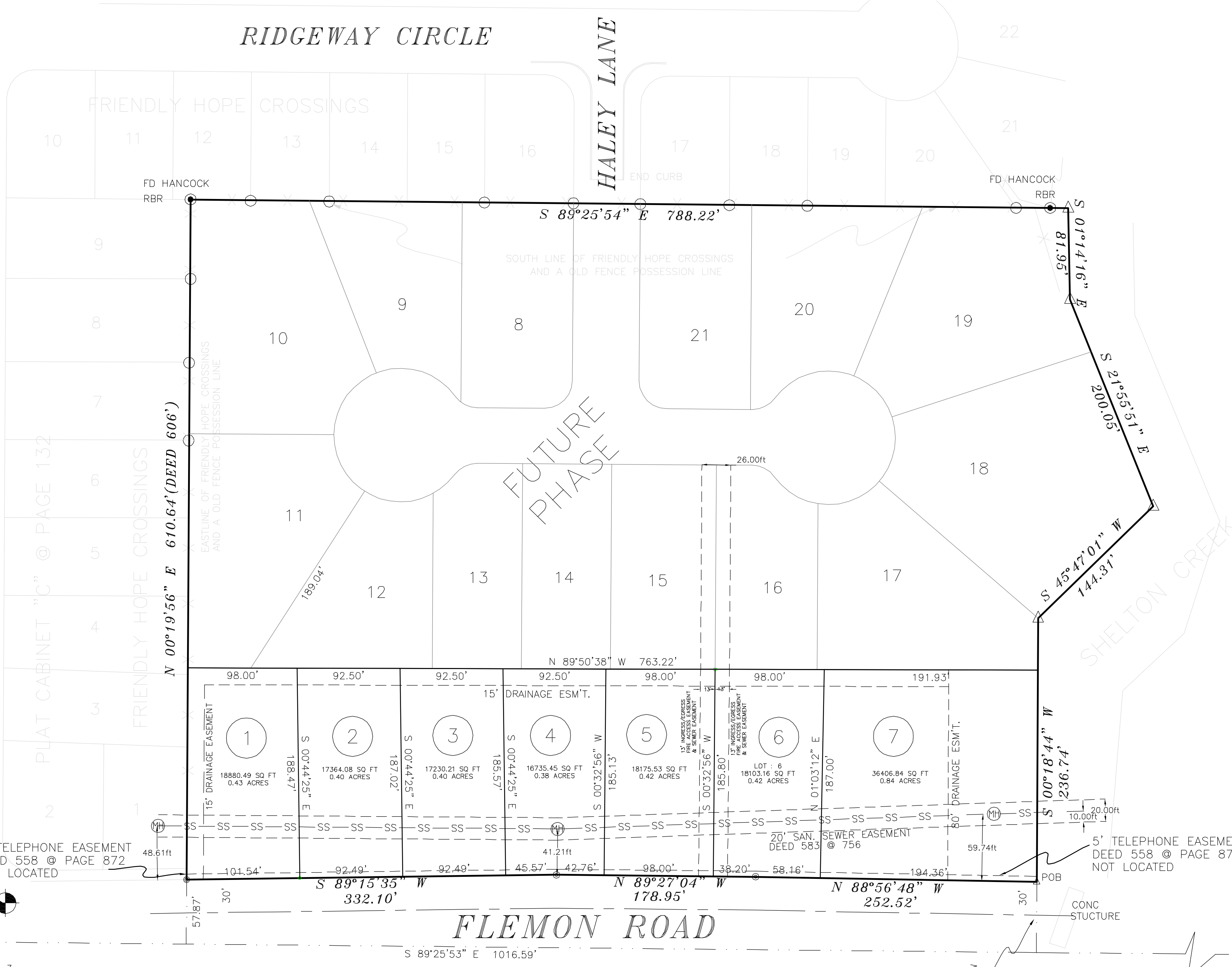
CORNER REFERENCE DATA  
 CORNERS ARE REFERENCED TO THE CITY OF JONESBORO, ARKANSAS DATUM AND  
 GRID BEARINGS FROM MONUMENT No. 58.

CORNER	NORTH	EAST
Monument 59	530838.0400	1677818.8300
Monument 58	530829.00	1676444.66
West Quarter corner	530803.7417	1677728.0647
Sw corner SE 1/4, Ne 1/4 Section 4	530778.2075	1676406.3112

**SURVEYORS NOTES:**

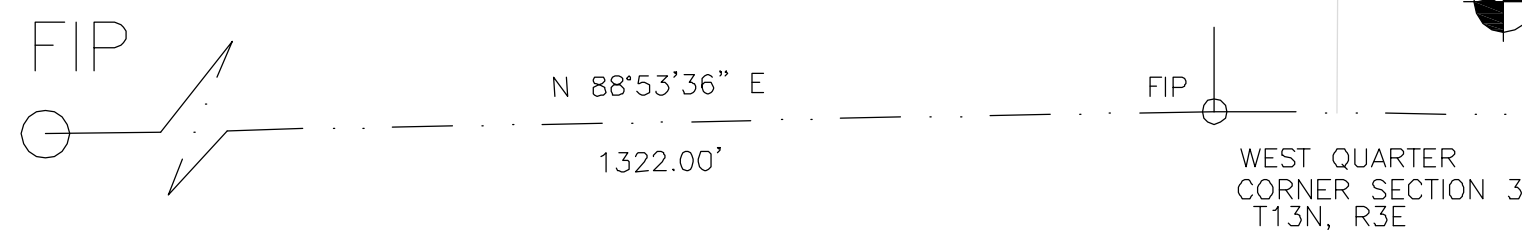
- The bearings shown on this plat are State Plain coordinates as per City of Jonesboro datum and are to be used to define the general direction and true angle at the intersection of property and land lines. (Tied to monument 58 & 59 of system)
- Used and accepted the West toe of ditch as intended boundary, the old original concrete bridge does not exist today (10-08-2007).
- Used and accepted East line and South line of Friendly Hope Crossings Subdivision as the West and North line of this tract. The same lines having an old possession line fence.
- A 5' telephone easement parallel and adjacent to the North right of way of Flemon Road. The telephone line was not located and should be located by Telephone Company before and construction and also this property could be subject to addition street right of way due to the recent construction of Flemon road job #750.
- Reference data: deeds 732 @ 757, deed 558 @ 872, deed 583 @ 756, surveys "I" @ 120, "C" @ 145, "H" @ 90, and Friendly Hope Crossings Record Plat.
- Flemon property deed 448 @ 356-359 shows the Flemon property is to the Center of Ditch, leaving a gap as per deeds.

SHASTA DRIVE



**LEGEND**

- These standard symbols will be found in the drawing.
- FOUND CORNER AS NOTED
  - SET 1/2" REBAR W/ CAP
  - ▲ FD COTTON PICKER SPINDLE
  - ▲ HIGHWAY RIGHT OF WAY MARKER
  - FOUND REBAR
  - △ CALCULATED CORNER
  - X — FENCE LINE
  - E — ELECTRIC
  - ⊙ SET PK NAIL
  - ⊕ POWER POLE



**DESCRIPTION:**  
 A SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST, CRAIGHEAD COUNTY ARKANSAS AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
 Commencing at the West Quarter corner of said Section 3; thence South 89°25'53" East 1016.59 feet; thence North 00°18'44" East 63.39 feet to the North line of Flemon Road and the West toe of Shelton Creek, the point of beginning proper; thence North 88°56'48" West 252.52 feet along said North Line; thence North 89°27'04" West 178.95 feet along said North line; thence South 89°15'35" West 332.10 feet along said North line of Flemon Road to the West line of Friendly Hope Crossings Subdivision and old fence possession line; thence North 00°19'56" East 610.64 feet along said West line to the South line of Friendly Hope Crossings Subdivision and old possession line fence; thence South 89°25'54" East 788.22 feet along said South line to the West toe of Shelton Creek; thence South 01°14'16" East 81.95 feet along said creek; thence South 21°55'51" East 200.05 feet along said creek; thence South 45°47'01" West 144.31 feet along said creek; thence South 00°18'44" West 236.74 feet along said creek to the point of beginning proper, having an area of 481248.81 square feet, 11.05 acres more or less and being subject to all public and private roads and easements.

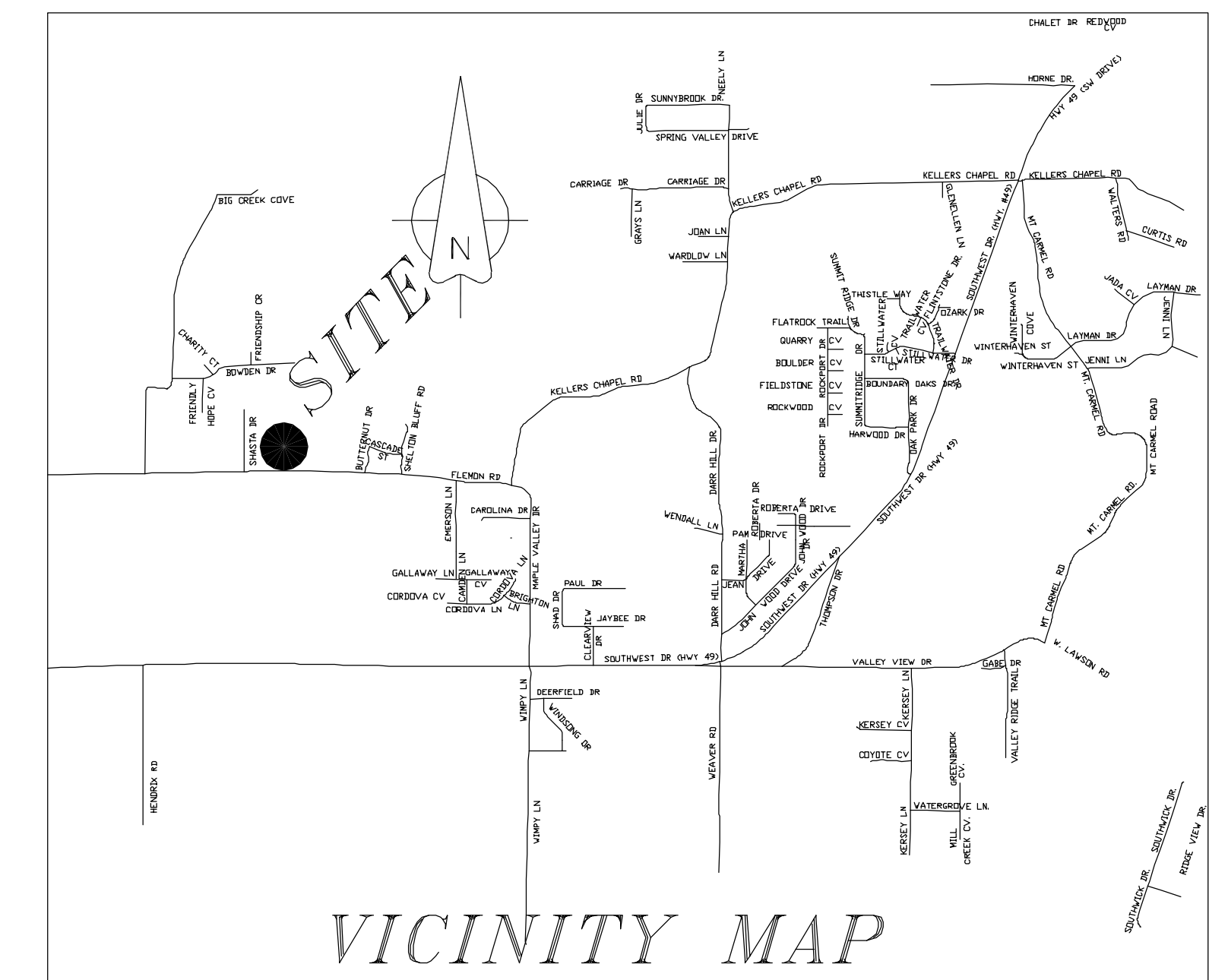
**OWNER CERTIFICATION:**  
 WE HEREBY CERTIFY THAT WE THE OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT WE ADOPT THE PLAN OF THE SUBDIVISION AND DEDICATED PERPETUAL USE OF ALL STREETS AND EASEMENTS AS NOTED AND WE FURTHER CERTIFY THAT WE HAVE READ AND ACKNOWLEDGED THE FOLLOWING STATEMENT.

(DEED 710.0' FRONTAGE—MEASURES 763.57')  
 N 89°25'53" W 2696.41'

**FLOOD INSURANCE NOTE:** By graphics plotting only, this property is in ZONE X of the Flood Insurance Rate Map, Community Panel No. 0503100150, effective date of SEPT. 27, 1991. Exact designations can only be determined by an Elevation Certificate. Based on the above information, this property IS NOT in a Special Flood Hazard Area.

**SURVEYOR'S CERTIFICATION:**  
 THIS IS TO CERTIFY I HAVE ON THIS DATE SURVEYED THE ABOVE DESCRIBED PROPERTY IN ACCORDANCE WITH MONUMENTS FOUND AND THIS PLAT CONFORMS TO THAT SURVEYED.

**H & S HIME PROFESSIONAL SURVEYING SERVICES**  
 POB No. 353  
 BROOKLAND, ARKANSAS 72417



**H & S HIME PROFESSIONAL SURVEYING SERVICES**  
 POB No. 353  
 BROOKLAND, ARKANSAS 72417  
 PHONE: 870 972 1288  
 FAX: 870 972 1011  
 E-MAIL: hshime\_butch@yahoo.com

ABIGAIL CROSSING SUBDIVISION  
 PHASE I  
 JONESBORO, ARKANSAS RECORD PLAT

DATE: 12-26-2011  
 REV:

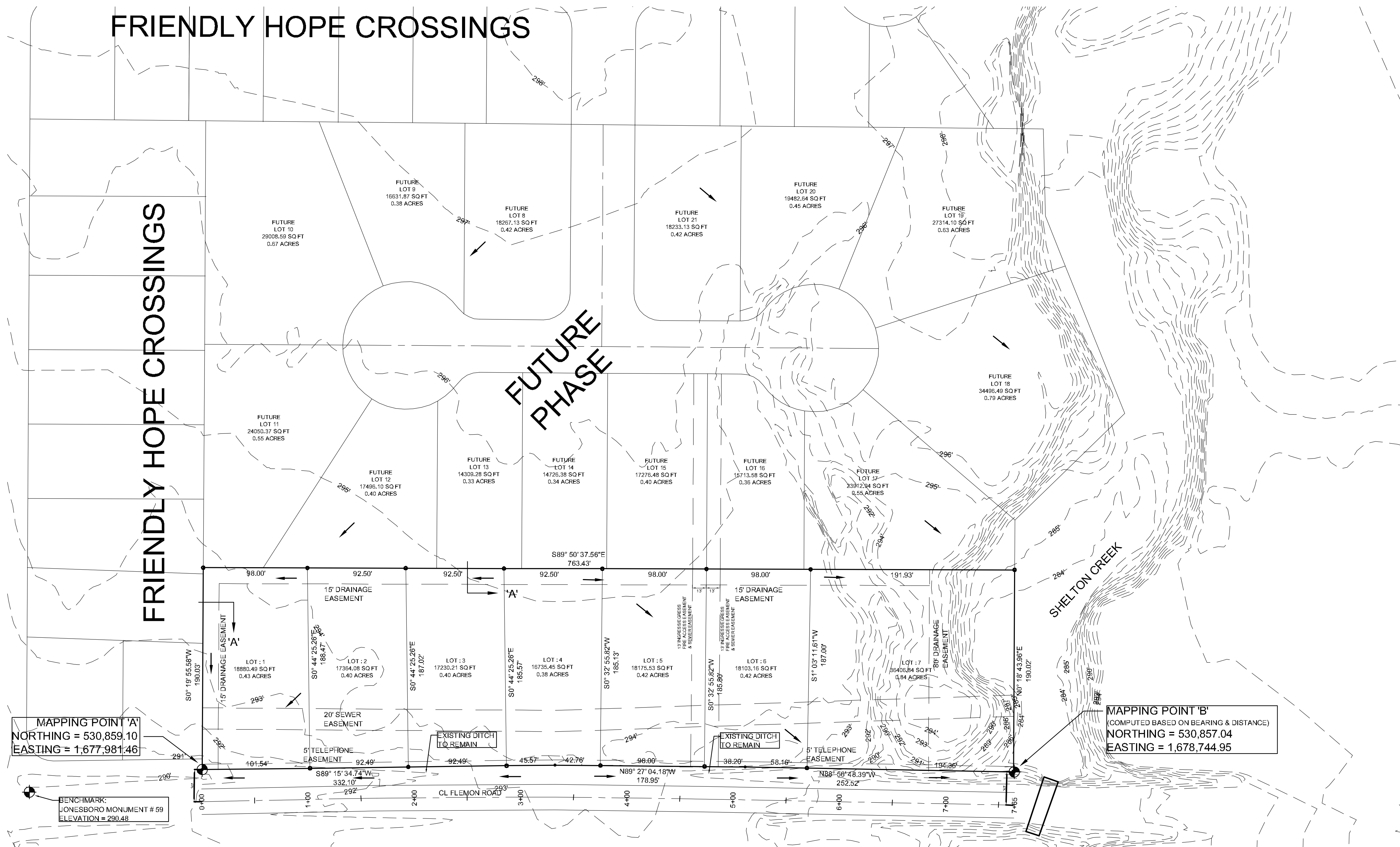
DRAWN BY: HH

HERBERT C. HIME

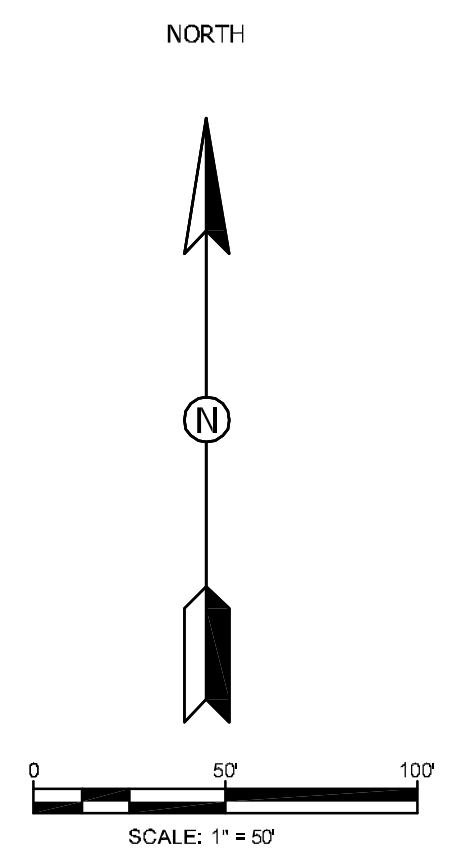
PLS # 1142



# FRIENDLY HOPE CROSSINGS



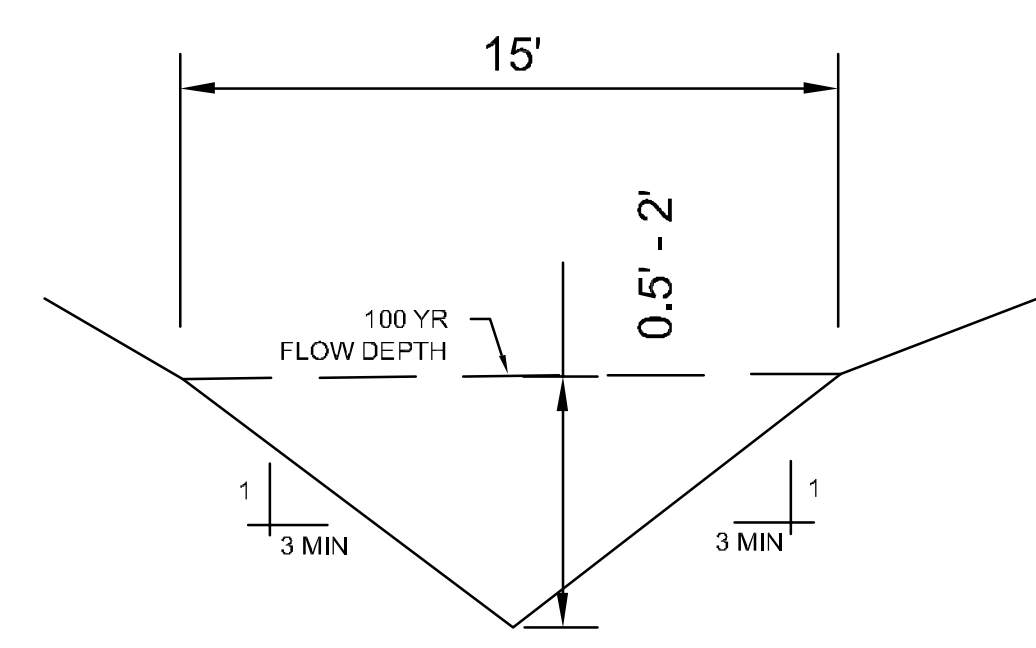
LEGEND	
	CURB
	EXISTING CONTOUR
	PROPOSED CONTOUR
	STORM DRAIN INLET
	STORM DRAIN PIPE
	BENCHMARK



MAPPING POINT 'A'  
NORTHING = 530,859.10  
EASTING = 1,677,981.46

BENCHMARK  
JONESBORO MONUMENT # 59  
ELEVATION = 290.48

MAPPING POINT 'B'  
(COMPUTED BASED ON BEARING & DISTANCE)  
NORTHING = 530,857.04  
EASTING = 1,678,744.95



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

**PIPE NOTE:**  
ALL CMP PIPE SHALL BE ALUMINIZED STEEL TYPE 2  
ASTM A-929, ASTM A-780  
  
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 SWPP PLAN,  
AND DISPLAY THEM FOR PUBLIC ACCESS AT THE SITE.

**SURVEY CONTROL REFERENCE MARKS:**

- JONESBORO GPS MONUMENT # 58
- JONESBORO GPS MONUMENT # 89

VERTICAL CONTROL IS NAVD 88  
HORIZONTAL CONTROL IS NAD 83

STR-1

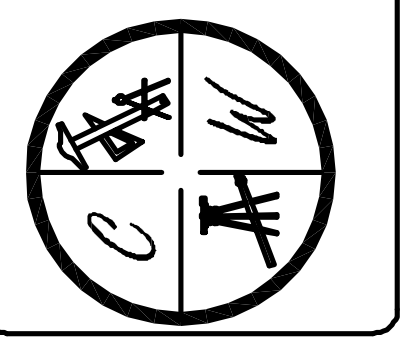
## ABIGAIL CROSSING PHASE I

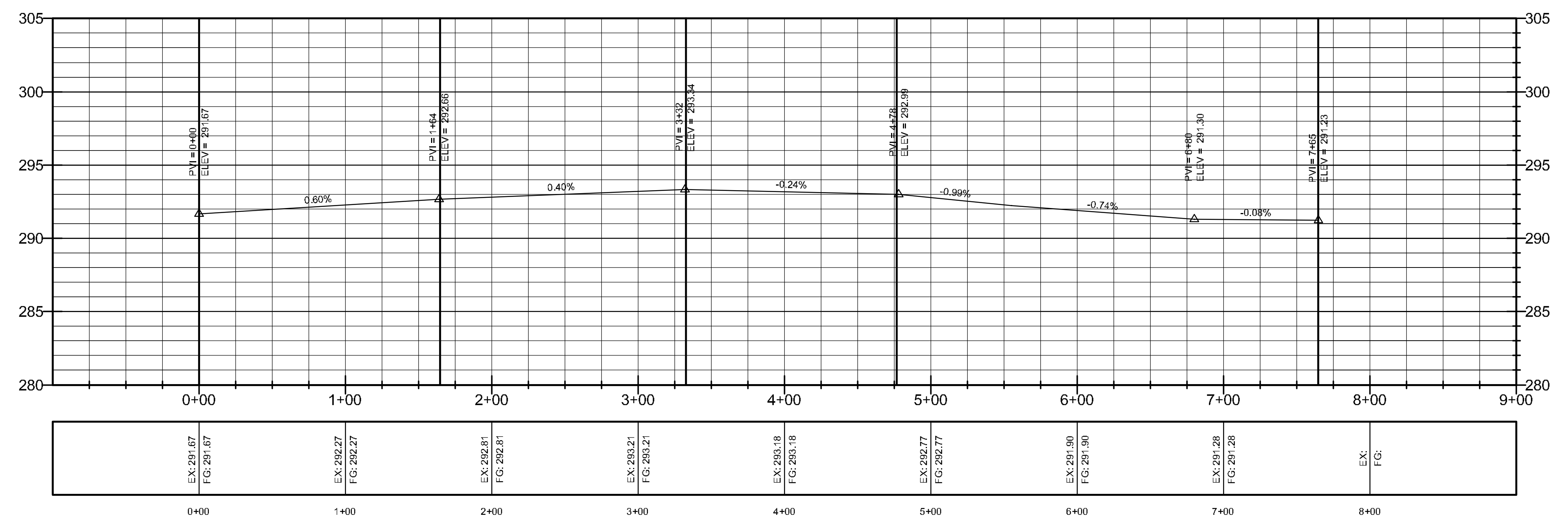
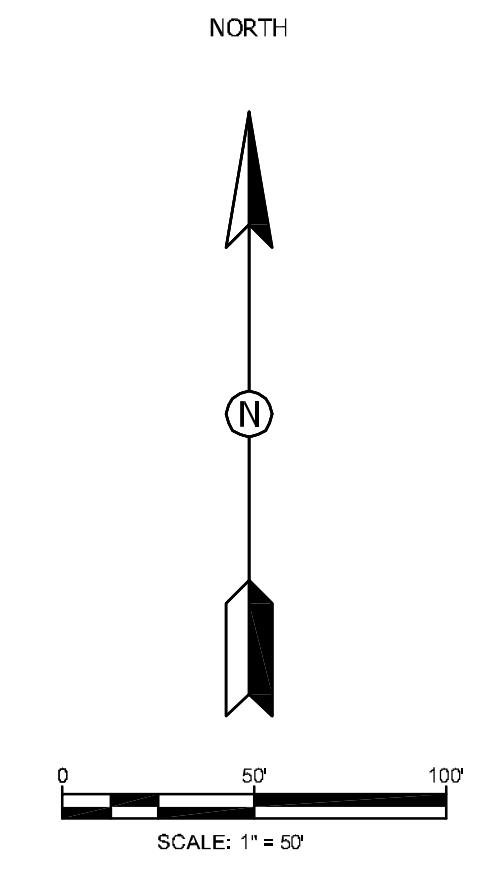
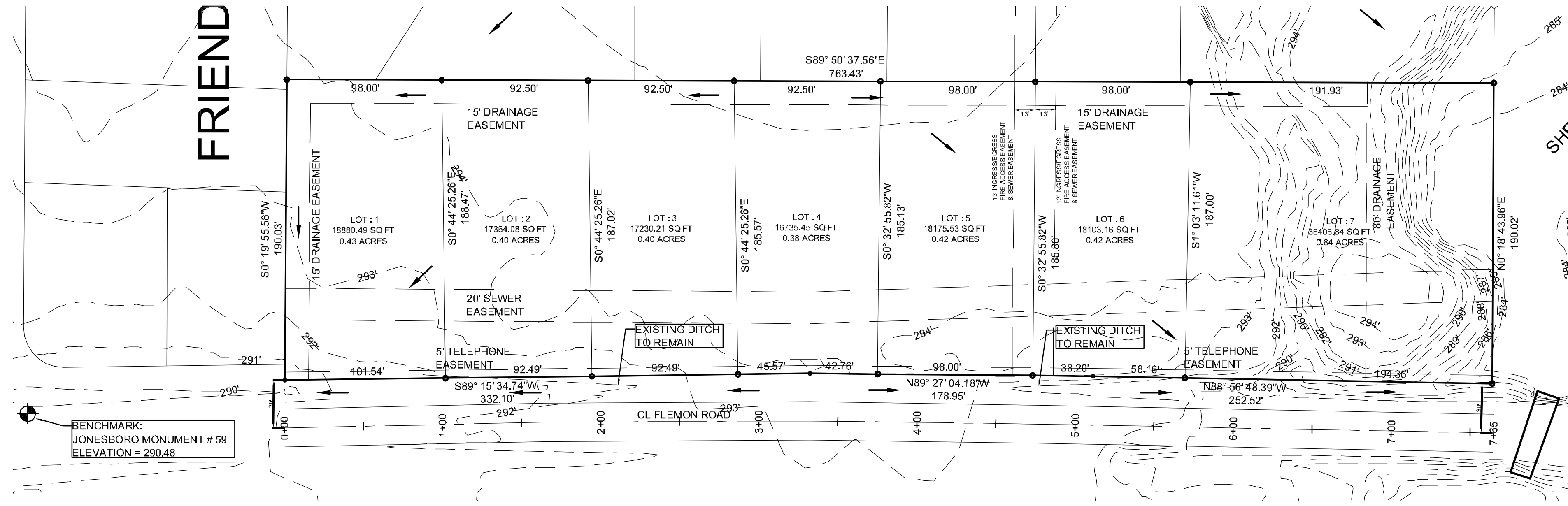
JONESBORO, AR

TOPOGRAPHY &  
DRAINAGE PLAN

DATE: 12 22 11  
REV:  
DRAWN BY: BGM

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





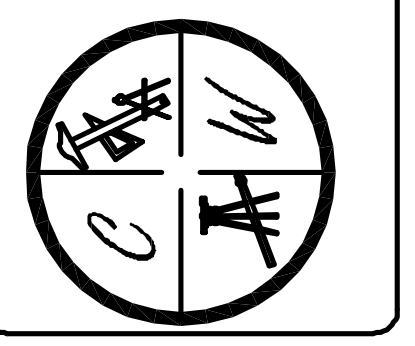
PROFILE SCALE:  
 HORIZONTAL: 1" = 50'  
 VERTICAL: 1" = 5'

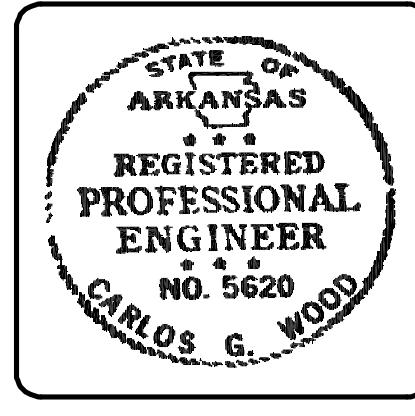
FLEMEN ROAD

**ABIGAIL CROSSING PHASE I**  
 FLEMEN ROAD  
 PLAN & PROFILE  
 JONESBORO, AR

DATE: 12 22 11  
 REV:  
 DRAWN BY: BGM

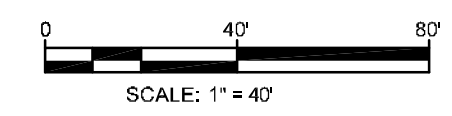
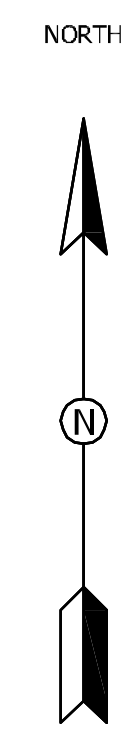
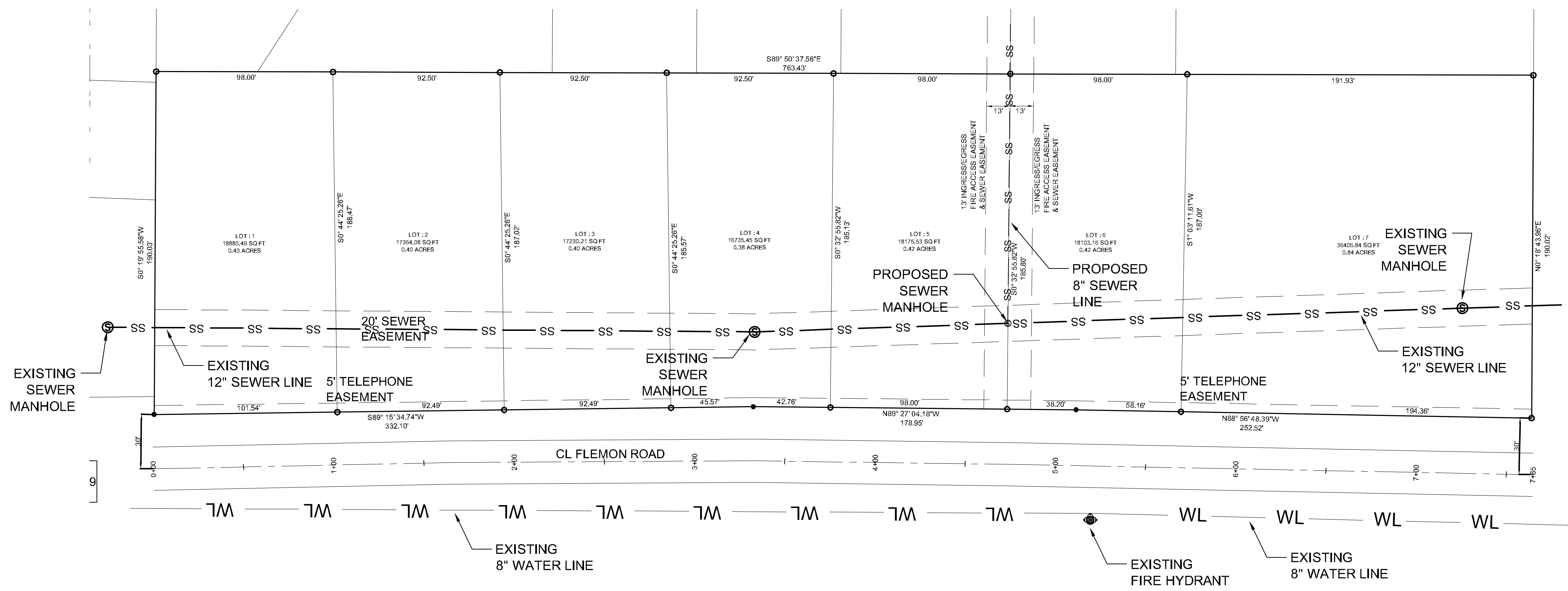
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**LEGEND**

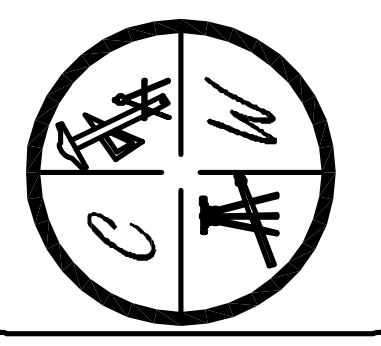
	CURB
	SANITARY SEWER
	WATER LINE
	FIRE HYDRANT
	SEWER MANHOLE
	STORM DRAIN INLET
	STORM DRAIN PIPE



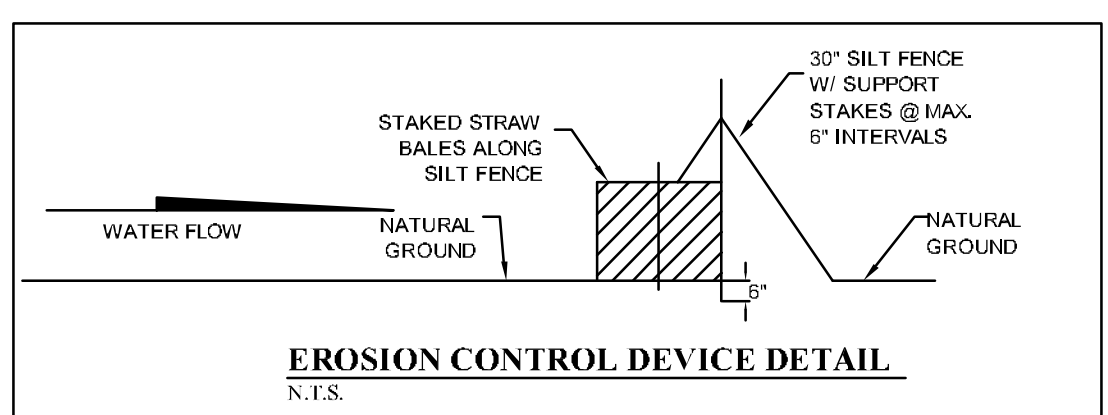
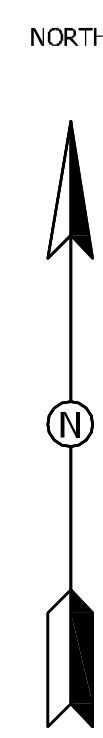
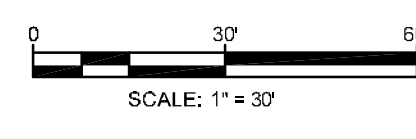
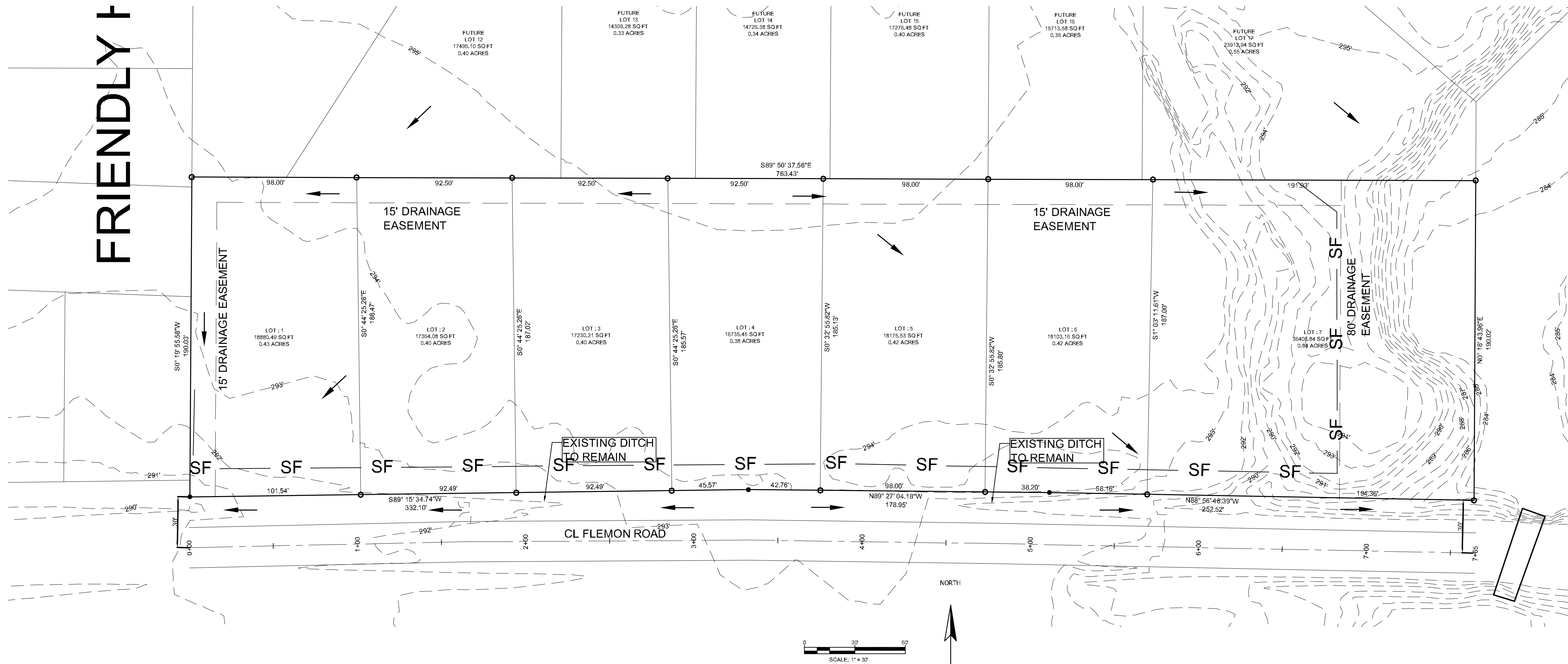
**ABIGAIL CROSSING PHASE I**  
**JONESBORO, AR**  
 PROPOSED  
 UTILITY LAYOUT

DATE: 11-28-11  
 REV:  
 DRAWN BY: BGM

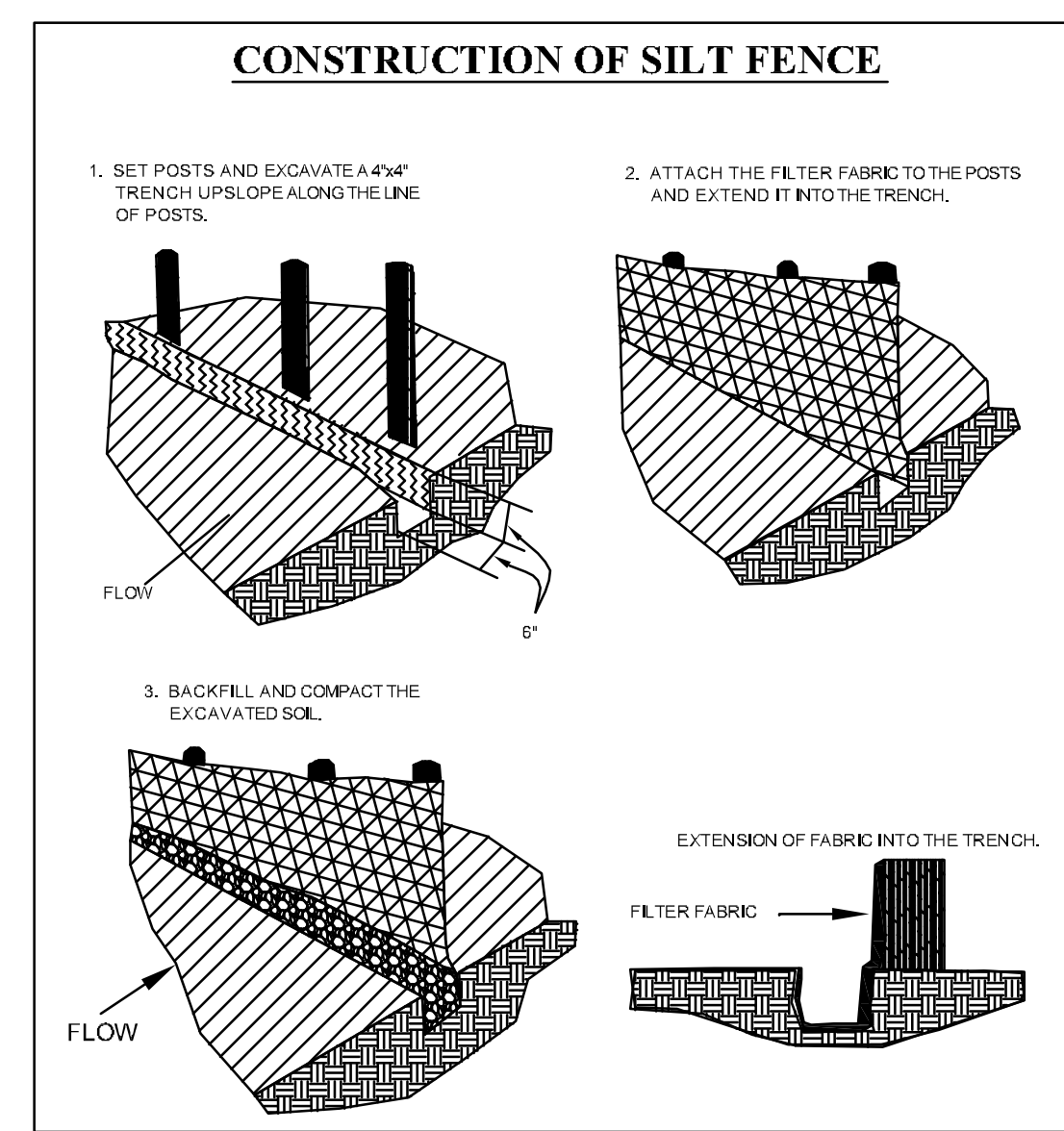
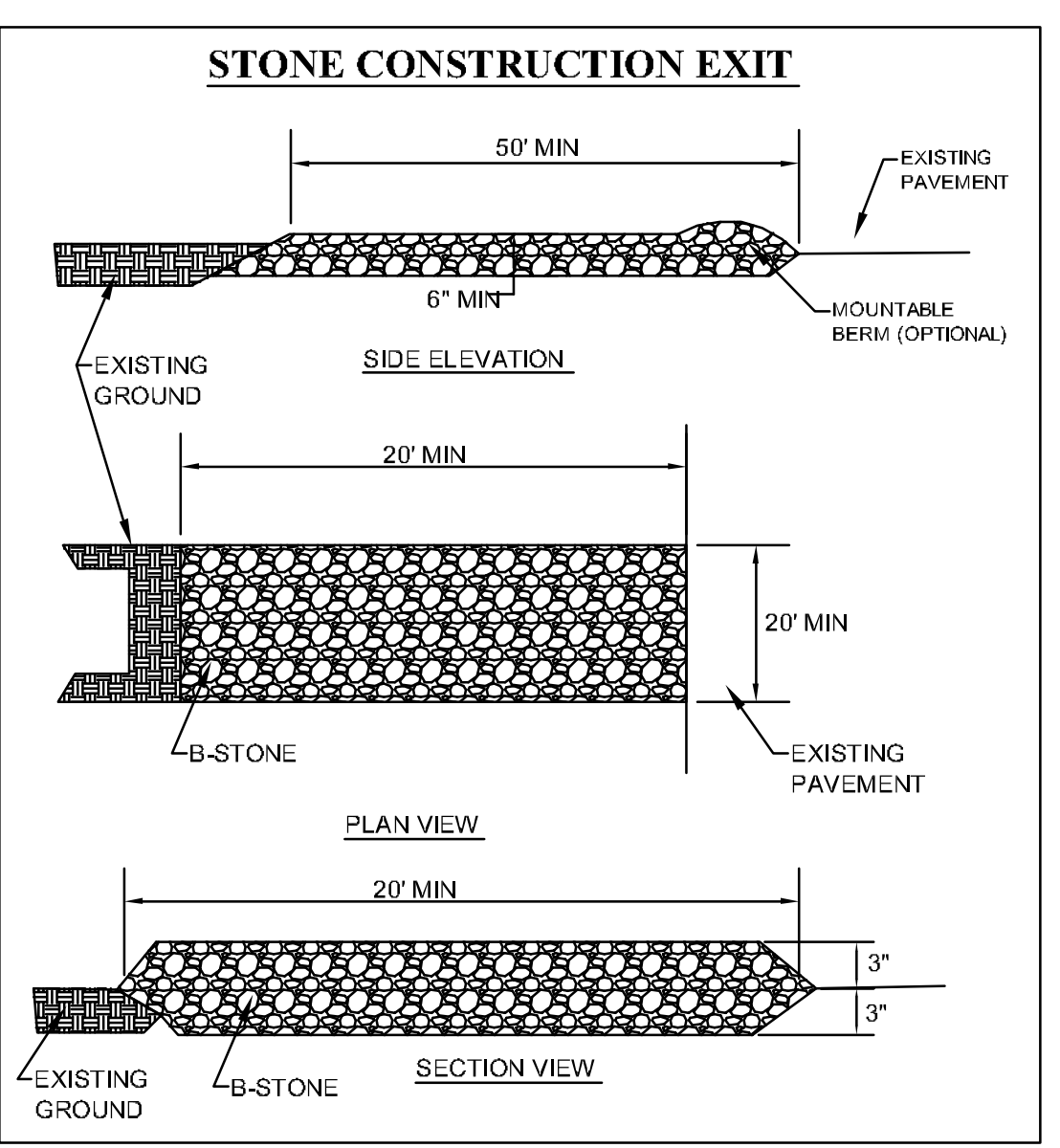
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# FRIENDLY



**NOTE:**  
DEVELOPER SHALL OBTAIN REQUIRED ADEQ PERMIT PRIOR TO COMMENCING WORK ON THE SITE, PREPARE A SWPP 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 SITE AND SHALL BE CONSIDERED A PART OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS REQUIRED BY THE CITY OF JONESBORO AND 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 CITY OF JONESBORO ENGINEERING DEPARTMENT 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 GENERAL PERMIT REQUIREMENTS TO KEEP THEM IN GOOD WORKING CONDITION THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. FAILURE TO MAINTAIN COMPLIANCE MAY RESULT IN THE DENIAL OF BUILDING AND CONSTRUCTION INSPECTIONS UNTIL 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 TOP 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 DUST 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 (BMPs) 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.

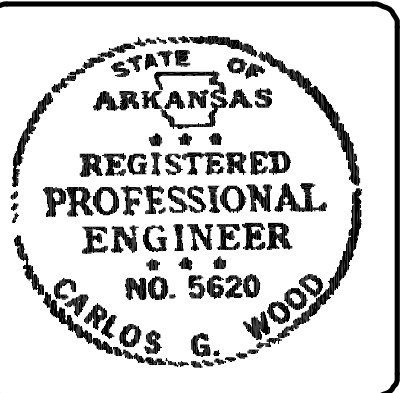
**OWNER / CONTRACTOR CERTIFICATION :**  
I certify under penalty of law that I understand the term and conditions of the General National Pollution Discharge Elimination System (NPDES) Permit that authorizes the storm water discharge associated with the industrial activity from the construction site identified as part of this certification.

OWNER \_\_\_\_\_ DATE \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_ DATE \_\_\_\_\_

**PROFESSIONAL PLAN CERTIFICATION :**  
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that all qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violators.

PRINTED NAME: \_\_\_\_\_ PRINTED TITLE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

ECM-1

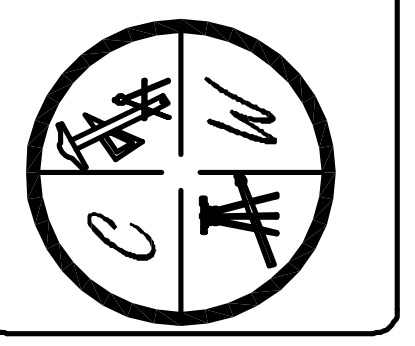


**ABIGAIL CROSSING PHASE I**  
JONESBORO, AR  
EROSION CONTROL  
MAP

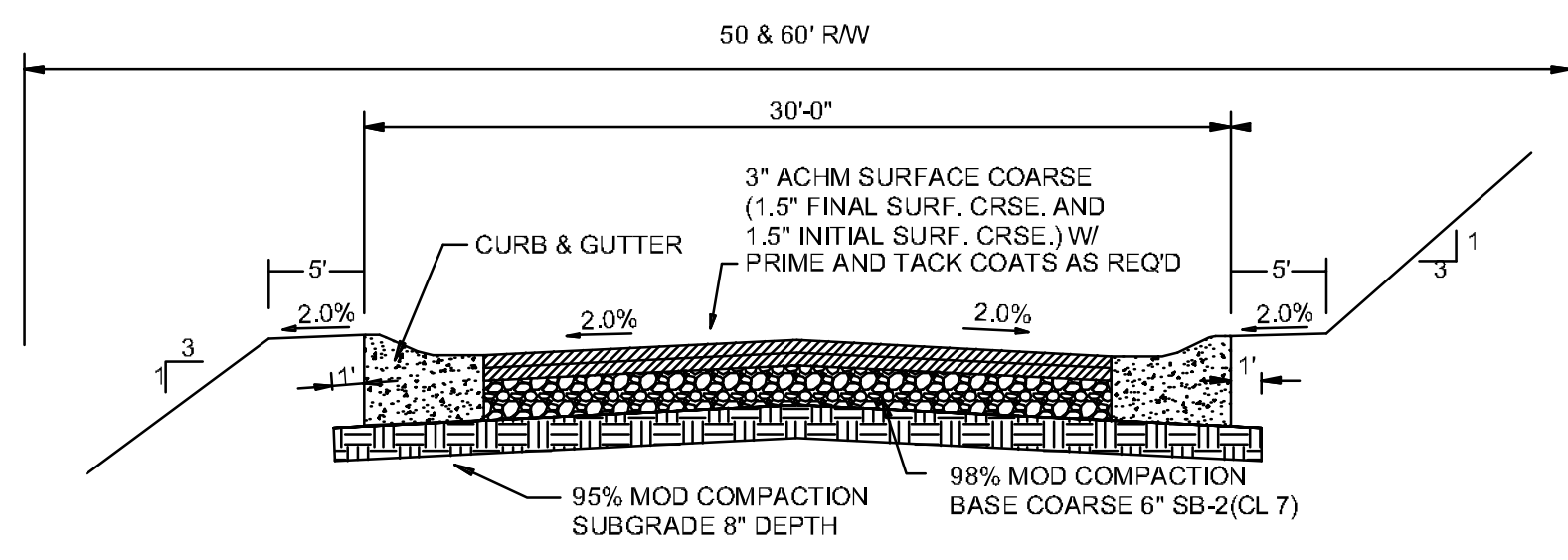
DATE: 12 20 11  
REV: \_\_\_\_\_

DATE: \_\_\_\_\_  
REV: \_\_\_\_\_

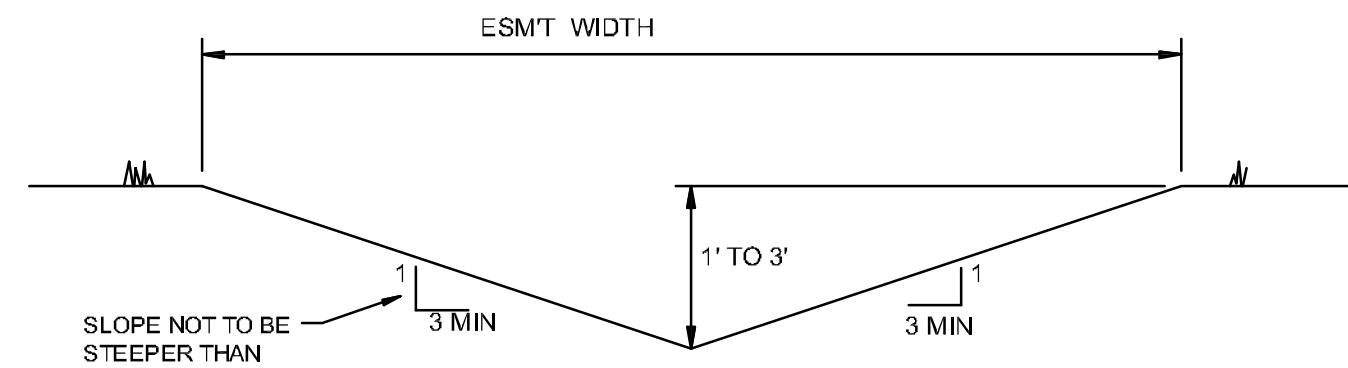
**CARLOS WOOD, P.E.**  
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PHONE: (870) 972-8335  
EMAIL: WOODENR@SBCGLOBAL.NET  
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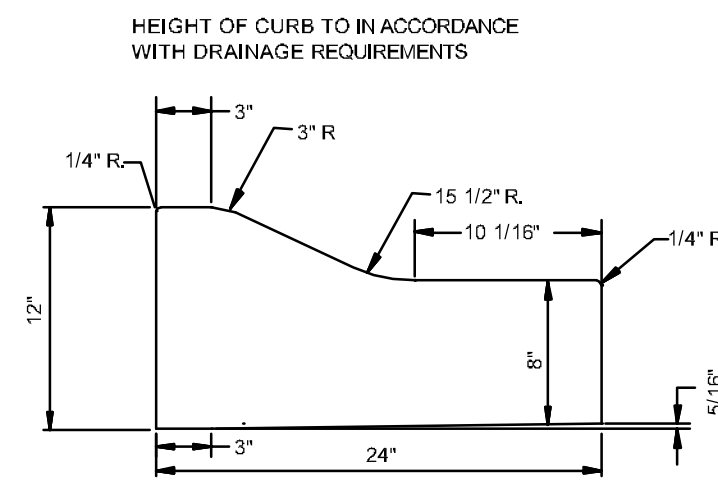




**TYPICAL SECTION - INTERIOR STREETS**  
N.T.S.

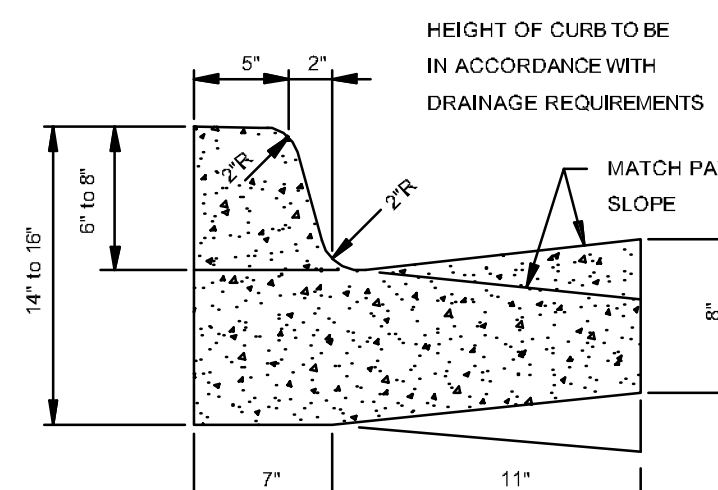


**'A' TYPICAL DITCH DETAIL**  
N.T.S.

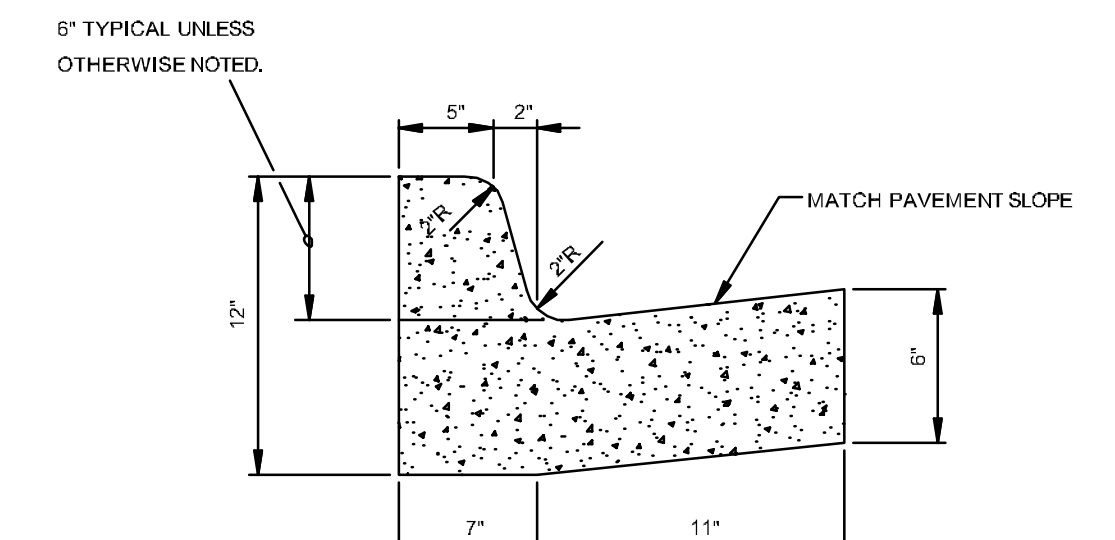


**TYPE 'B' CURB & GUTTER**  
N.T.S.

NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF JONESBORO SPECIFICATIONS  
NO DRIVEWAY CUTS ALLOWED WITH THIS TYPE OF CURB



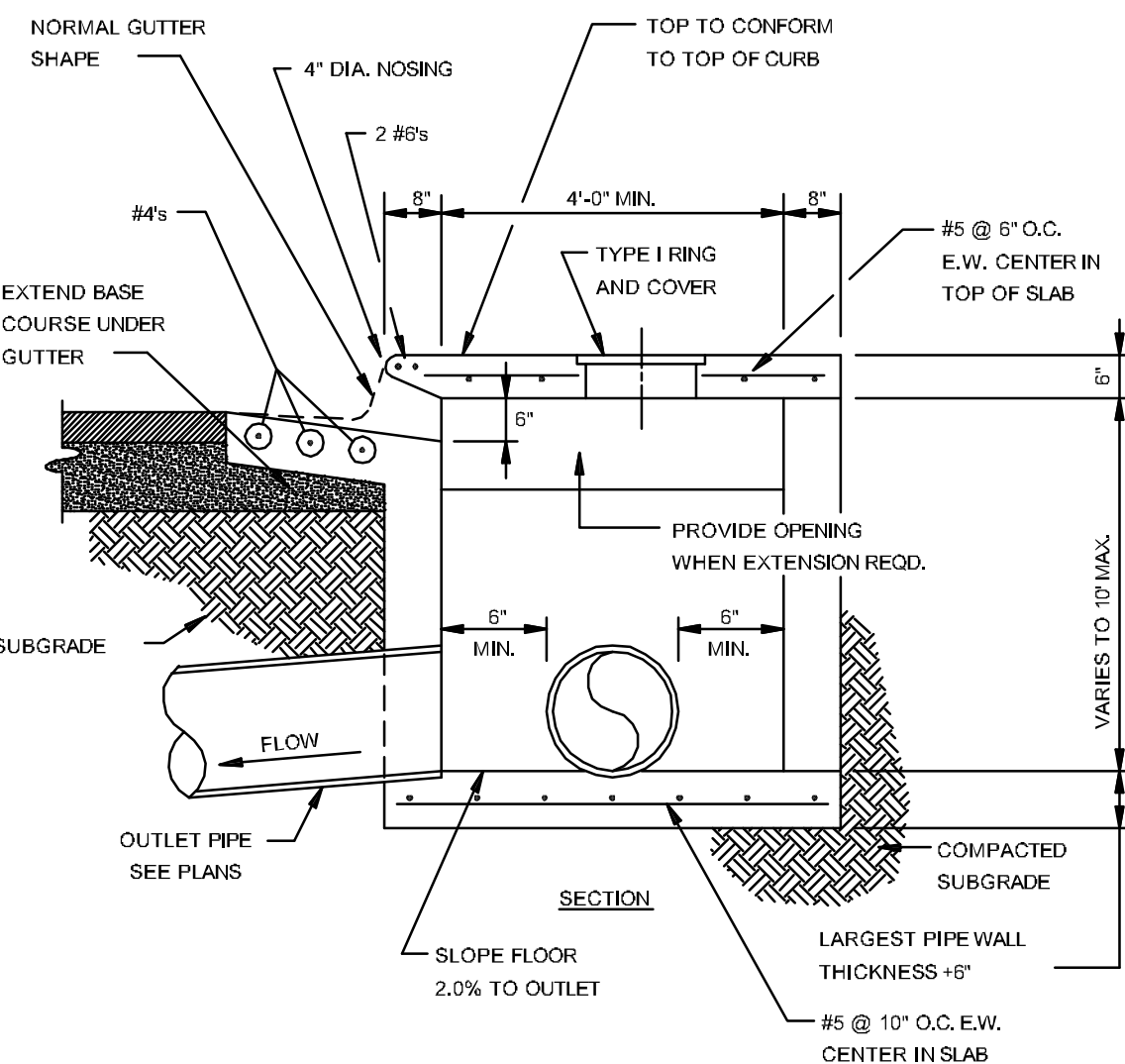
**TYPE 'A-18' (BARRIER) ARTERIAL STREETS**



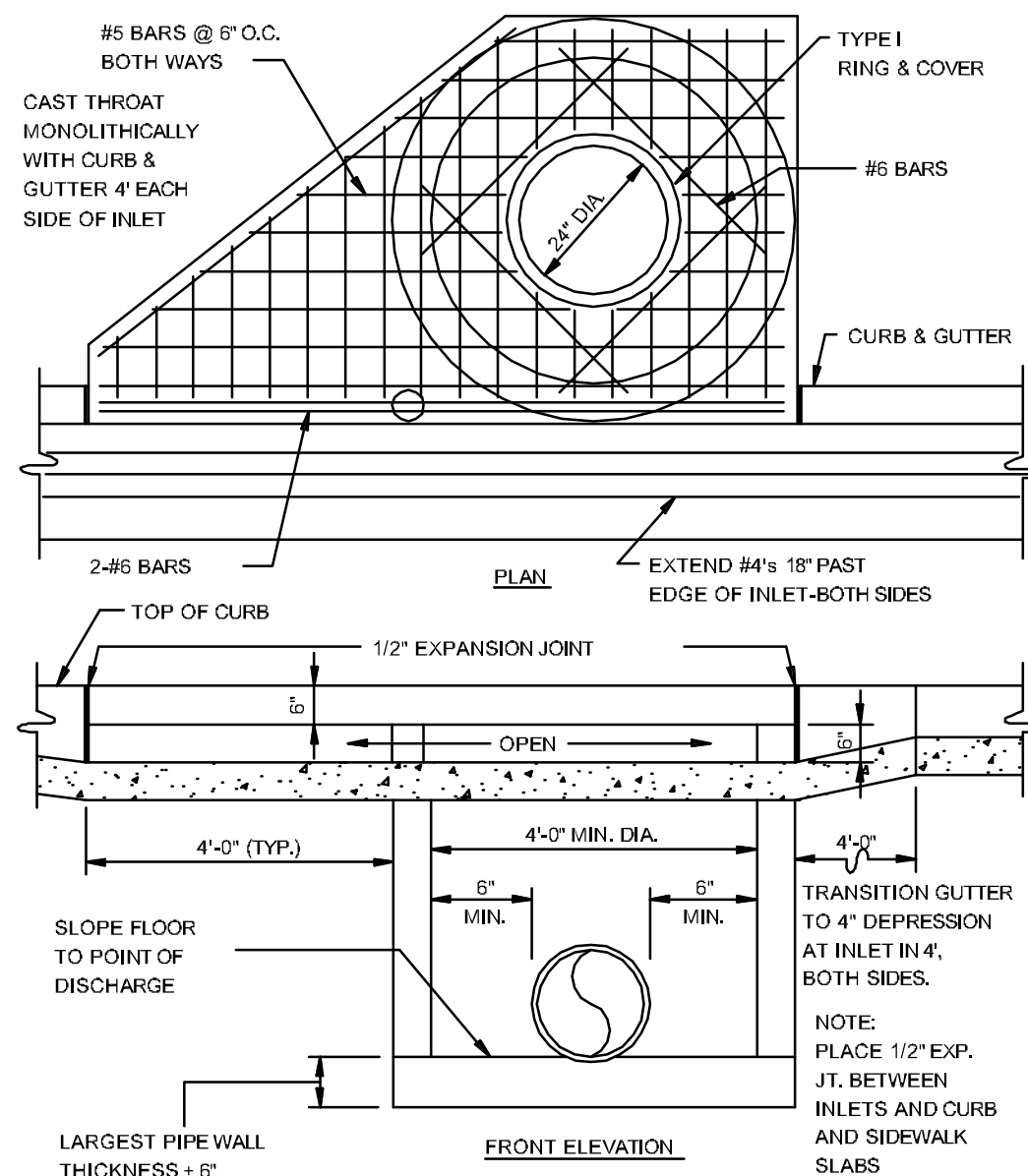
**TYPE 'A-18' (BARRIER) RESIDENTIAL & COLLECTOR STREETS**

**COMBINATION CURB & GUTTER**  
N.T.S.

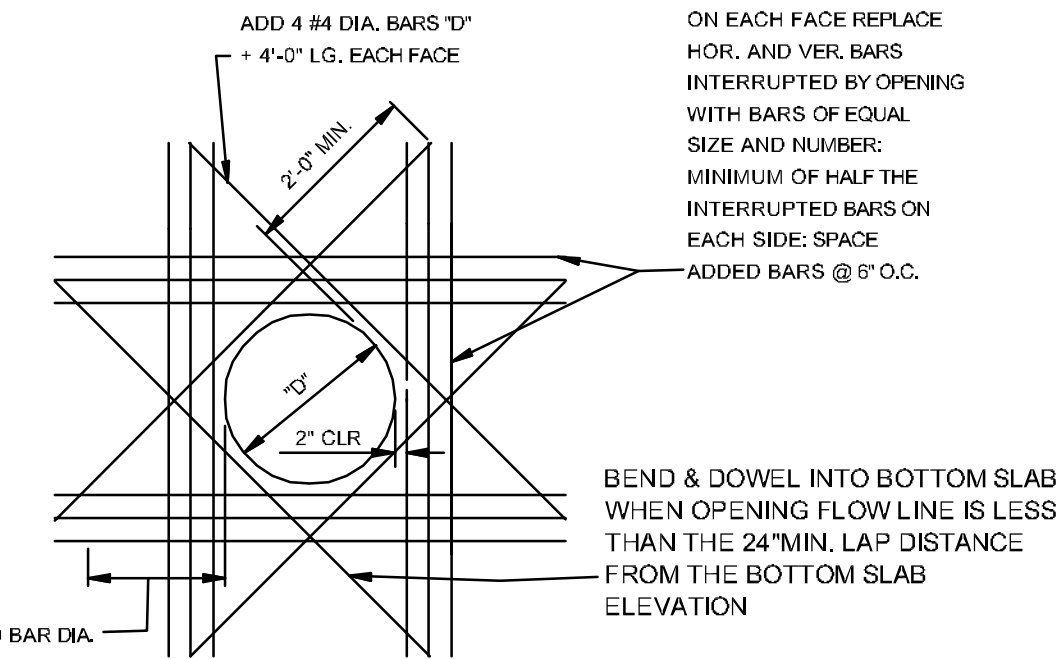
NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.



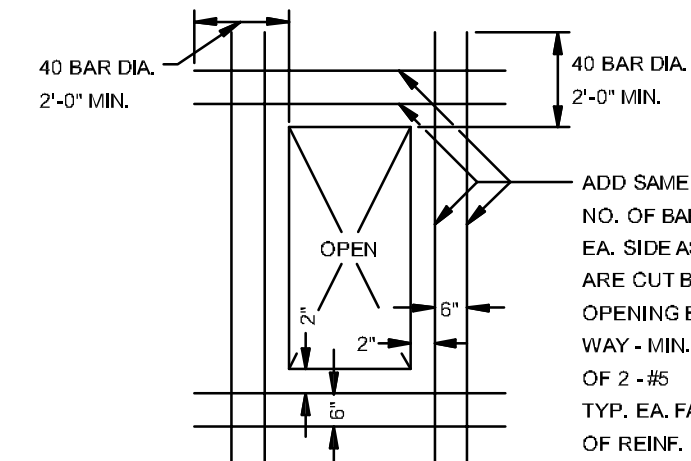
**SECTION - CIRCULAR CURB INLET**  
N.T.S.



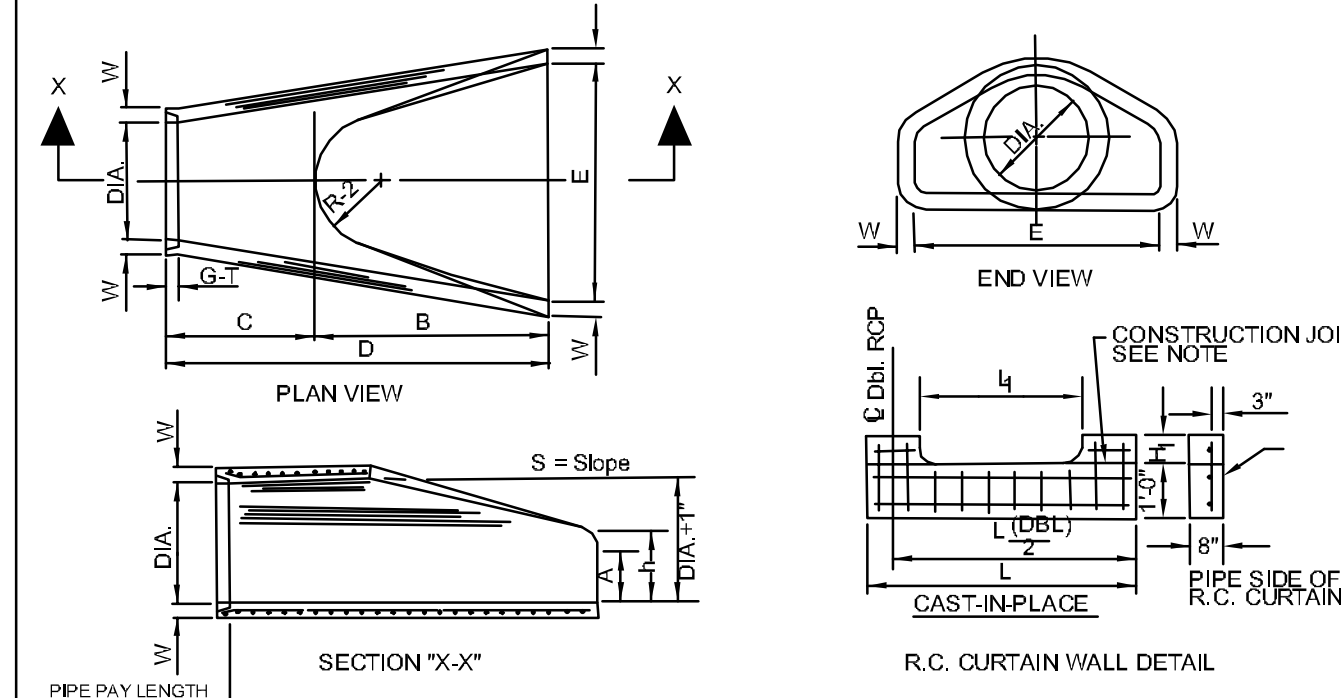
**CIRCULAR CURB INLET W/ INLET EXTENSION**  
N.T.S.



**ADDED REINFORCEMENT AT ROUND OPENING IN WALL OR SLAB**  
N.T.S.



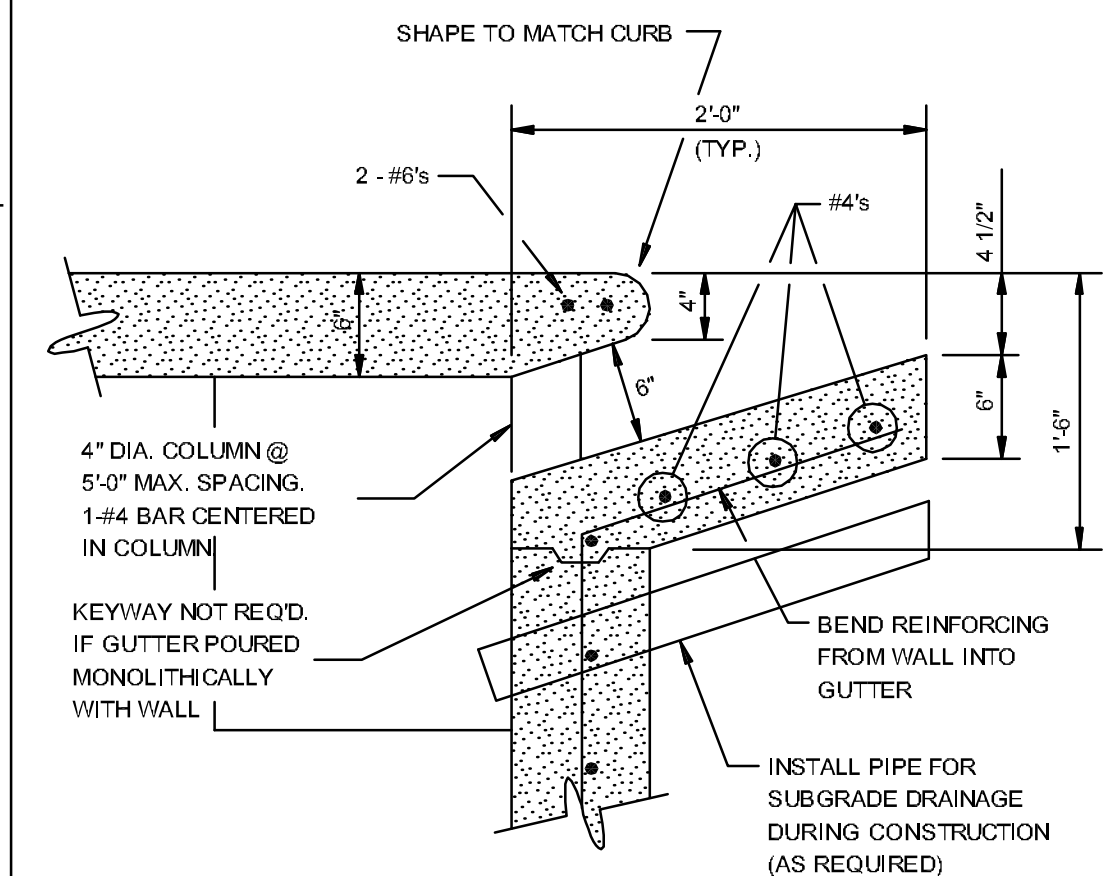
**ADDED REINFORCEMENT AT RECTANGULAR OPENING IN WALL OR SLAB**  
N.T.S.



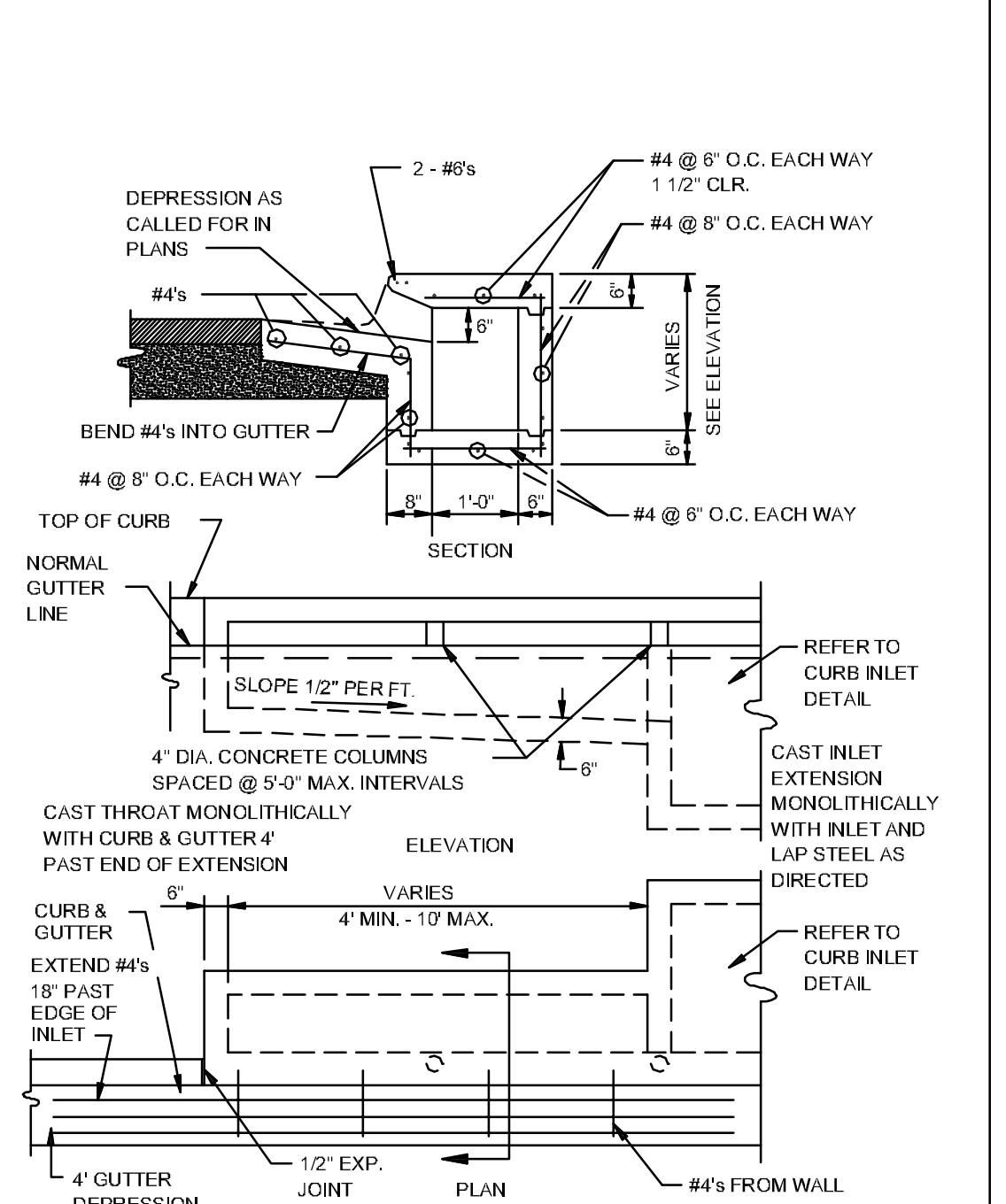
PIPE WALL THICKNESS	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
18"	2 1/2"	9"	2 3/4"	35 1/2"	6 1/4"	3 5/8"	3 1/2"	1 1/2"	2 3/4"	15 1/2"	1 1/2"	2 1/2"	1000	150 1/2"													
24"	3"	11 1/2"	3 7/16"	36"	6 1/2"	4 1/8"	3 1/2"	1 1/2"	3"	16 1/2"	1 1/2"	2 3/4"	1600	181 1/2"													
30"	3 1/2"	13 1/2"	4 1/8"	37 1/2"	6 3/4"	4 3/8"	3 1/2"	1 1/2"	3 1/4"	17 1/2"	1 1/2"	3"	1800	203 1/2"													
36"	4"	15 1/2"	4 5/8"	38 1/2"	6 7/8"	4 7/8"	3 1/2"	1 1/2"	3 1/2"	18 1/2"	1 1/2"	3 1/4"	2000	225 1/2"													
42"	4 1/2"	17 1/2"	5 1/8"	39 1/2"	7"	5 1/8"	3 1/2"	1 1/2"	3 1/2"	19 1/2"	1 1/2"	3 1/4"	2200	247 1/2"													
48"	5"	19 1/2"	5 3/8"	40 1/2"	7 1/8"	5 3/8"	3 1/2"	1 1/2"	3 1/2"	20 1/2"	1 1/2"	3 1/4"	2400	270 1/2"													
54"	5 1/2"	21 1/2"	5 7/8"	41 1/2"	7 3/8"	5 7/8"	3 1/2"	1 1/2"	3 1/2"	21 1/2"	1 1/2"	3 1/4"	2600	292 1/2"													
60"	6"	23 1/2"	6 1/4"	42 1/2"	7 5/8"	6 1/4"	3 1/2"	1 1/2"	3 1/2"	22 1/2"	1 1/2"	3 1/4"	2800	315 1/2"													
66"	6 1/2"	25 1/2"	6 3/4"	43 1/2"	7 7/8"	6 3/4"	3 1/2"	1 1/2"	3 1/2"	23 1/2"	1 1/2"	3 1/4"	3000	337 1/2"													
72"	7"	27 1/2"	6 7/8"	44 1/2"	8"	6 7/8"	3 1/2"	1 1/2"	3 1/2"	24 1/2"	1 1/2"	3 1/4"	3200	360 1/2"													

- NOTES:  
1. The portion of the R.C. Curtain Wall beneath the Flared End Section (Lower 1'-0") shall be placed monolithically. The Flared End Section shall then be set in place and the remaining portions of the R.C. Curtain Wall placed.  
2. All reinforcing steel are #4 Bars at 8" O.C.  
3. No separate payment will be made for the Curtain Walls. They shall be considered subsidiary to the Flared End Sections.  
4. Tongue End On Upstream Section. Groove End On Downstream Section.

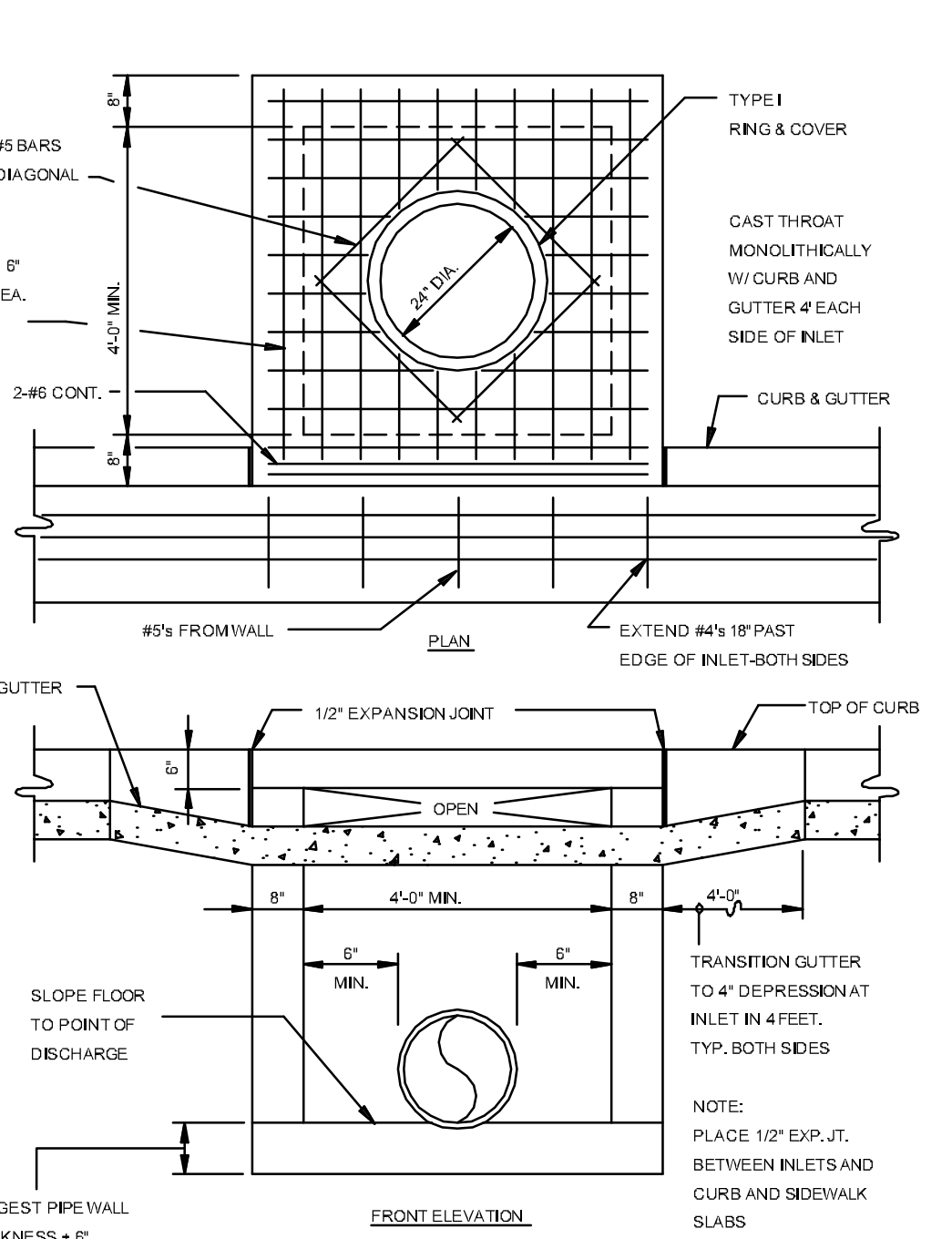
**FLARED END SECTION DETAIL FOR REINFORCED CONCRETE PIPE CULVERT**  
N.T.S.



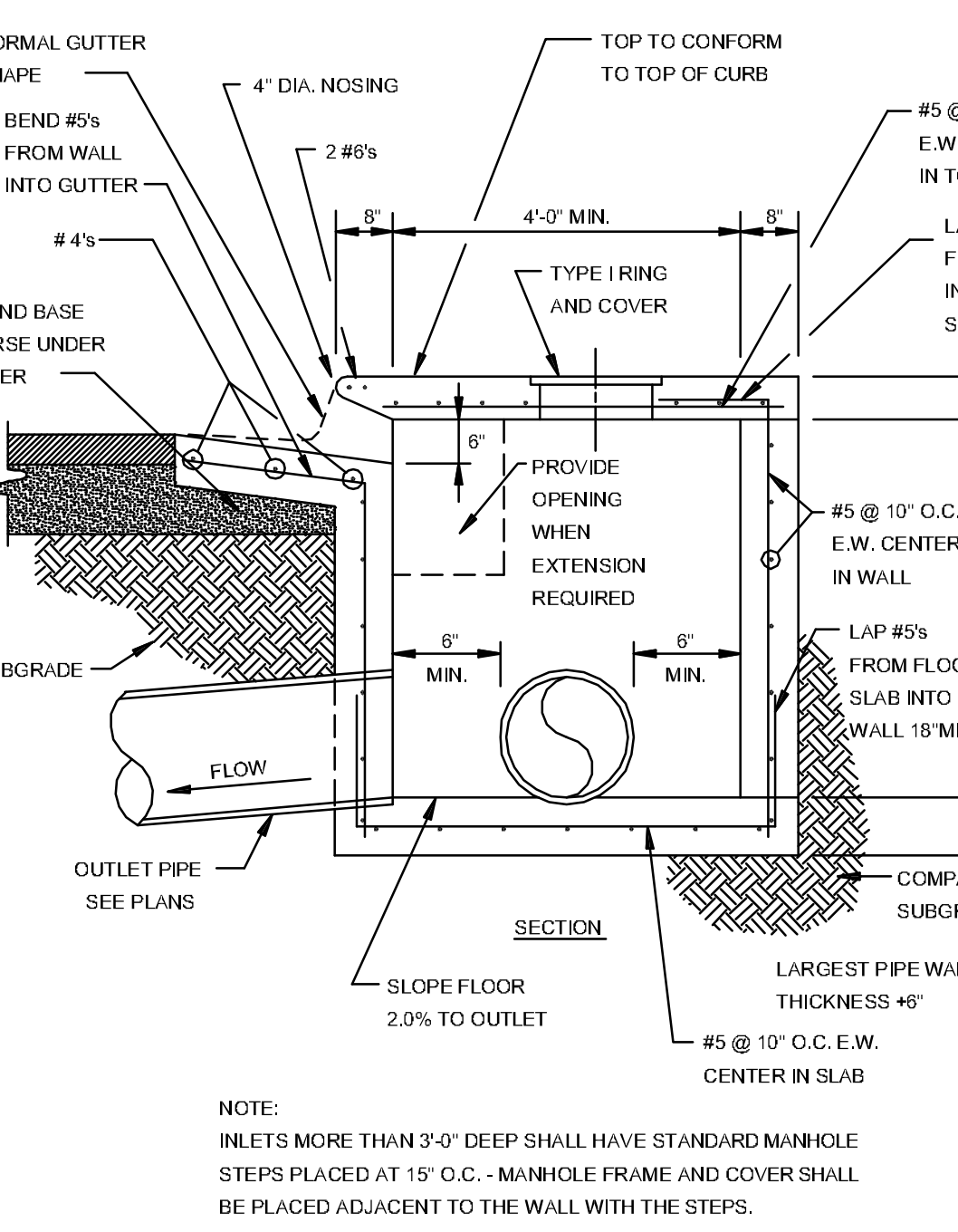
**CURB OPENING**  
N.T.S.



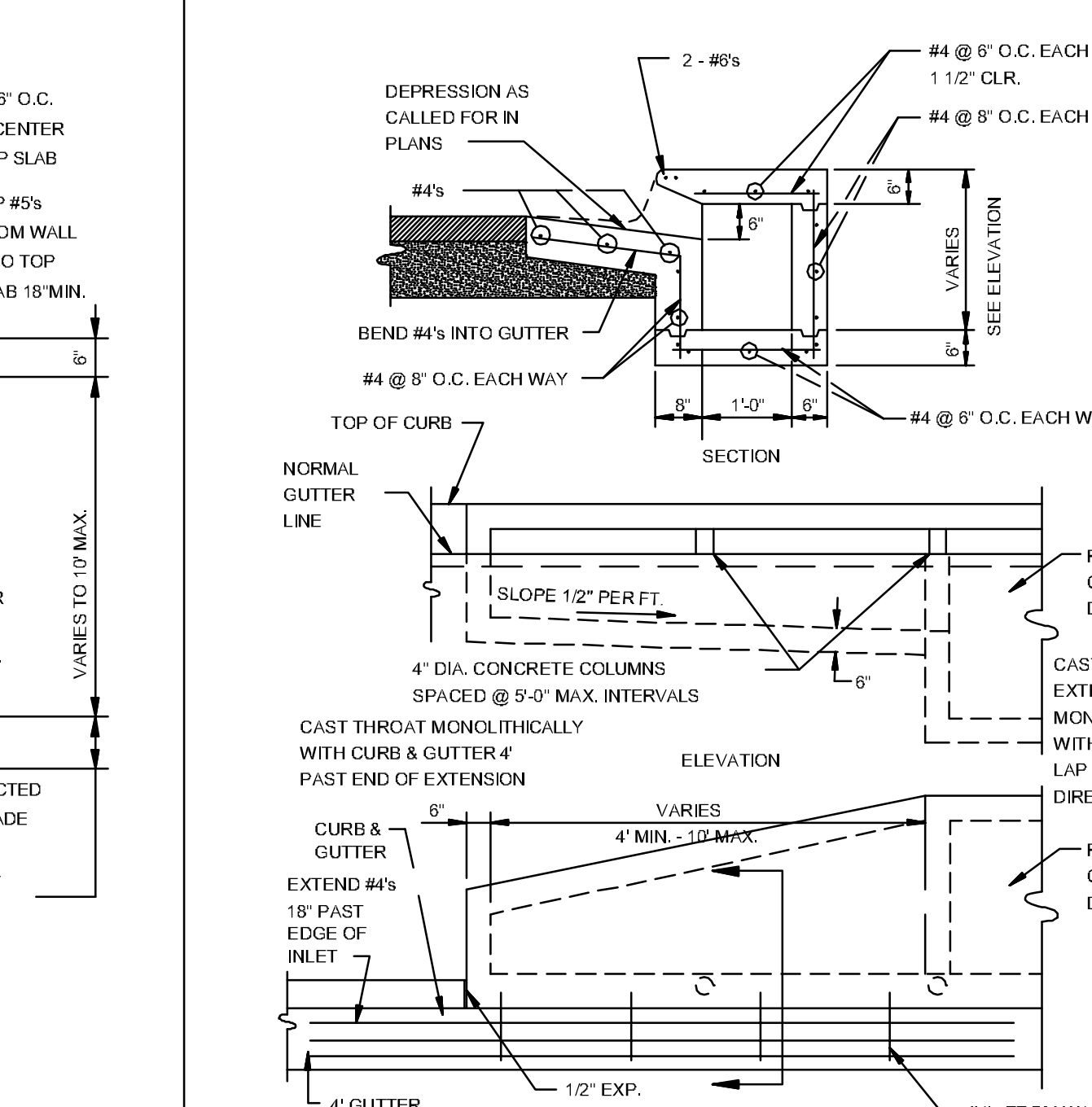
**RECTANGULAR CURB INLET EXTENSION**  
N.T.S.



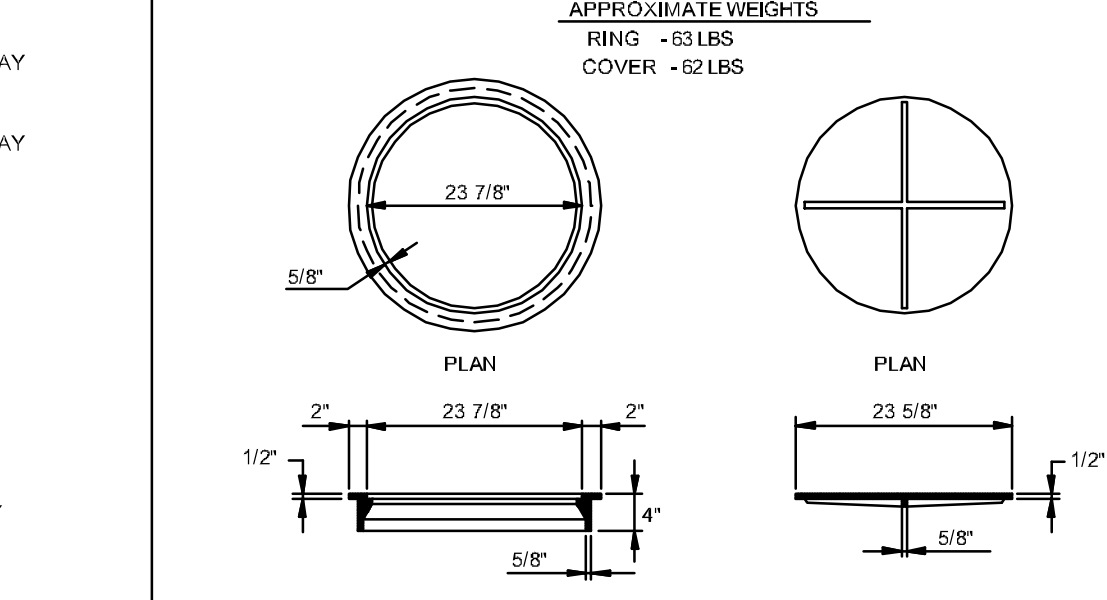
**RECTANGULAR CURB INLET**  
N.T.S.



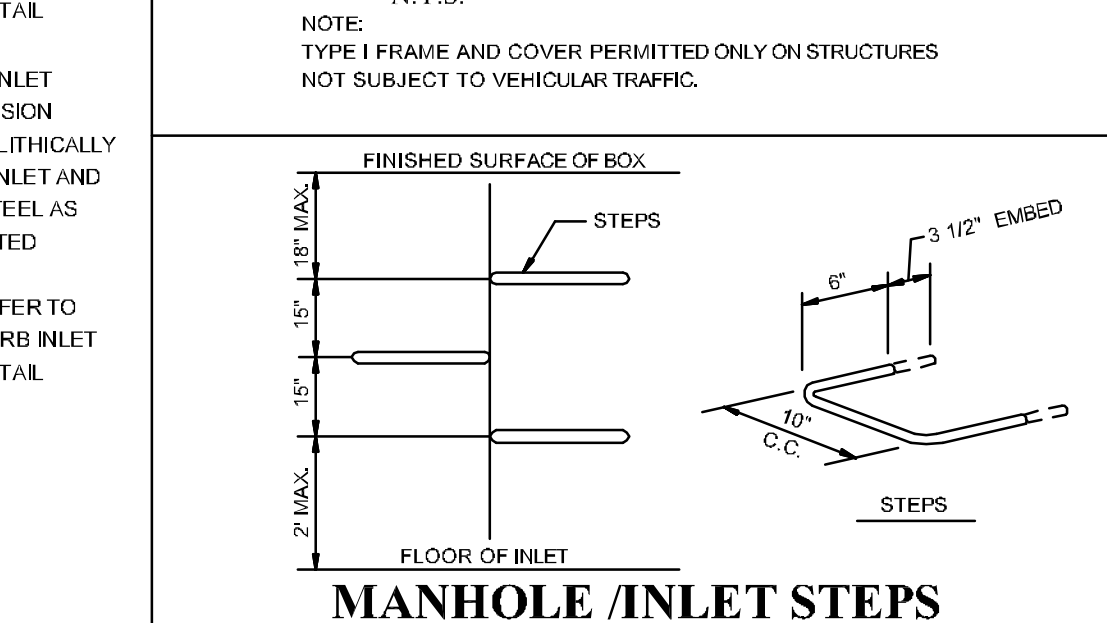
**SECTION - TYPICAL CURB INLET - TYPE 'A'**  
N.T.S.



**ALTERNATE CURB INLET EXTENSION**  
N.T.S.



**TYPE I RING & COVER**  
N.T.S.



**MANHOLE / INLET STEPS**  
N.T.S.

- STEPS SPECIFICATIONS:  
A. MANHOLE STEPS, CORROSION RESISTANT, COATED AND REINFORCED WITH STEEL PER ASTM C-478. STEEL REINFORCING MINIMUM 1/2" DIA/REINFORCING.  
B. CAPABLE OF SUPPORTING MINIMUM 300 LBS. LOAD.  
C. NON-SLIP TEXTURED TREADS.  
D. REQUIRED IN ALL STRUCTURES 3'-0" DEEP OR DEEPER, UNLESS SPECIFIED OTHERWISE.

DET-1

**REGISTERED PROFESSIONAL ENGINEER**  
NO. 5620  
CARLOS G. WOOD

**ABIGAIL CROSSING PHASE I**  
TYPICAL STREET DETAILS

**JONESBORO, AR**

DATE: 12/20/11  
REV: 1

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