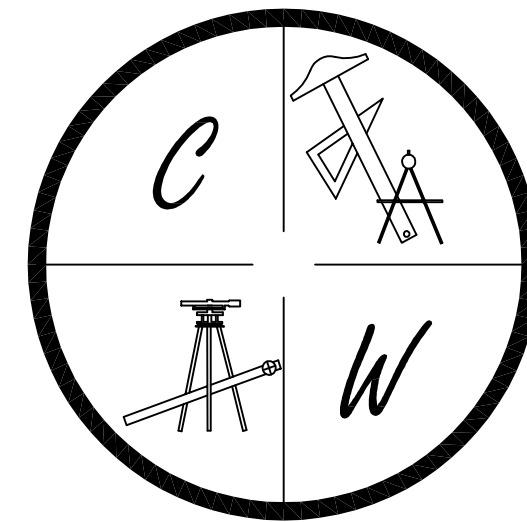


MERRELL ESTATES PHASES III, IV, V, & VI

JONESBORO, ARKANSAS

FINAL STREET & DRAINAGE PLANS

APRIL 30, 2013



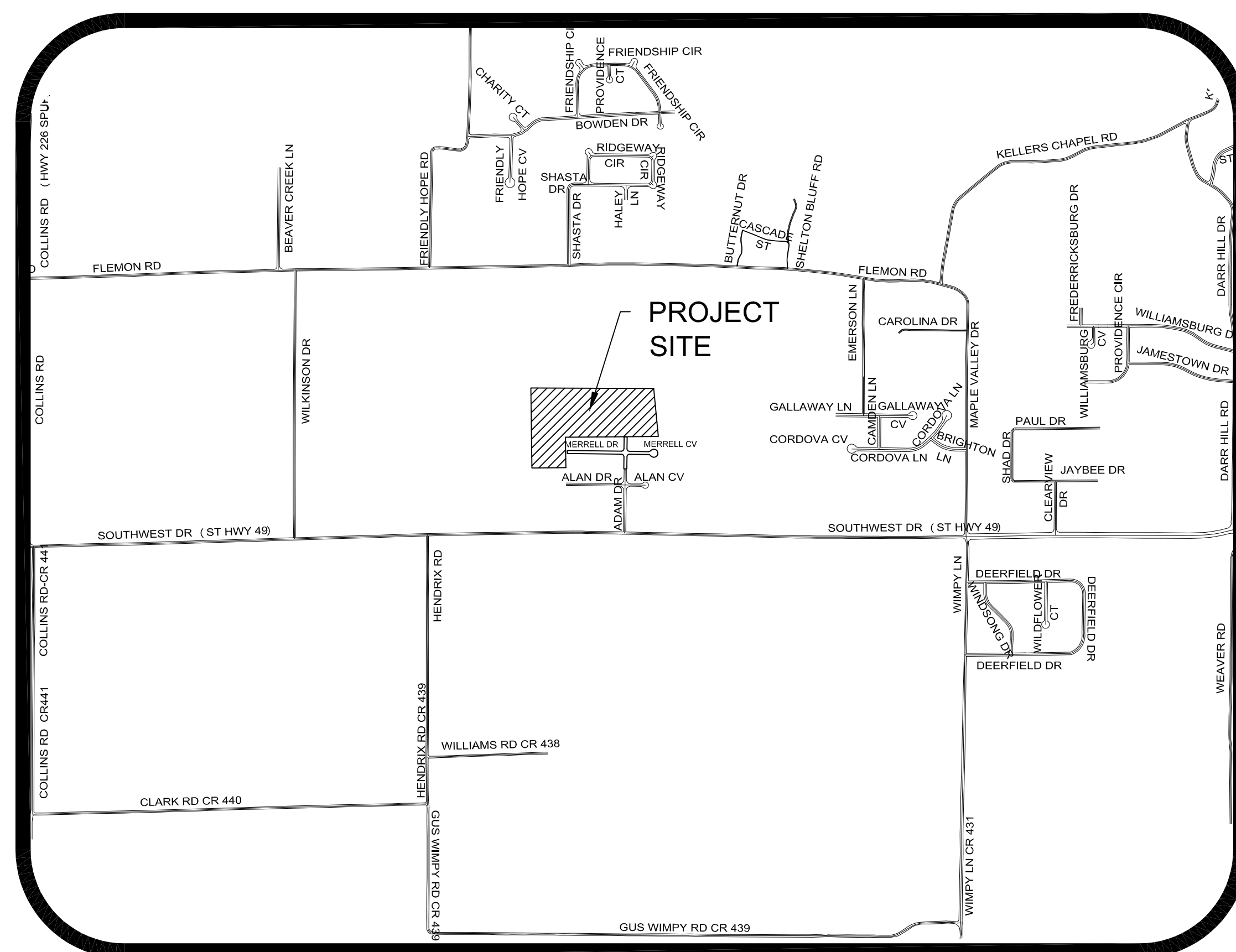
CARLOS WOOD, P.E.
ENGINEERING CONSULTANT

122 CR 375
BONO, AR 72416
PHONE: (870) 972-8335

EMAIL: WOODENGR@SBCGLOBAL.NET
WEBSITE: WWW.WOODENGR.COM

PROJECT VICINITY MAP

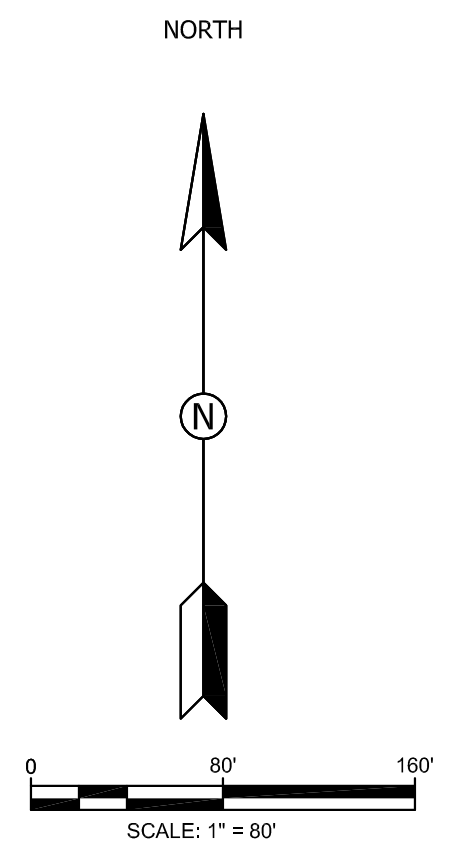
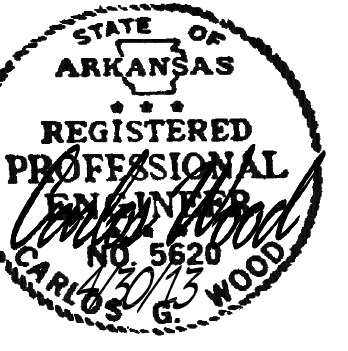
SCALE: 1" = 1000'



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

SHEET LAYOUT	
OVERALL LAYOUT	OVR
PHASE 3 PLAT	
PHASE 4 PLAT	
PHASE 5 PLAT	
PHASE 6 PLAT	
DRAINAGE AREA MAP	STR-1
PHASE 3 TOPOGRAPHY & DRAINAGE PLAN	STR-2
PHASE 3 ADAM DRIVE & JULIA DRIVE/COVE PLAN & PROFILE	STR-3
PHASE 4 TOPOGRAPHY & DRAINAGE PLAN ALAN DRIVE PLAN & PROFILE	STR-4
PHASE 5 TOPOGRAPHY & DRAINAGE PLAN MERRELL DRIVE PLAN & PROFILE	STR-5
PHASE 6 TOPOGRAPHY & DRAINAGE PLAN JULIA DRIVE PLAN & PROFILE	STR-6
UTILITY PLAN	UTIL-1
OVERALL EROSION CONTROL MAP	ECM-1
PHASES 3,4,5 & 6 EROSION CONTROL MAP	ECM-2
EROSION CONTROL DETAILS	ECM-3
TYPICAL STREET DETAILS	DET-1
TYPICAL STREET DETAILS	DET-2

OVR



AGRICULTURAL



MERRELL ESTATES PHASE III, IV, V, & VI

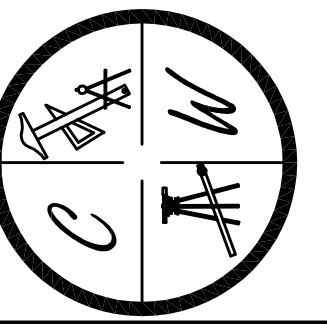
OVERALL LAYOUT

JONESBORO, AR

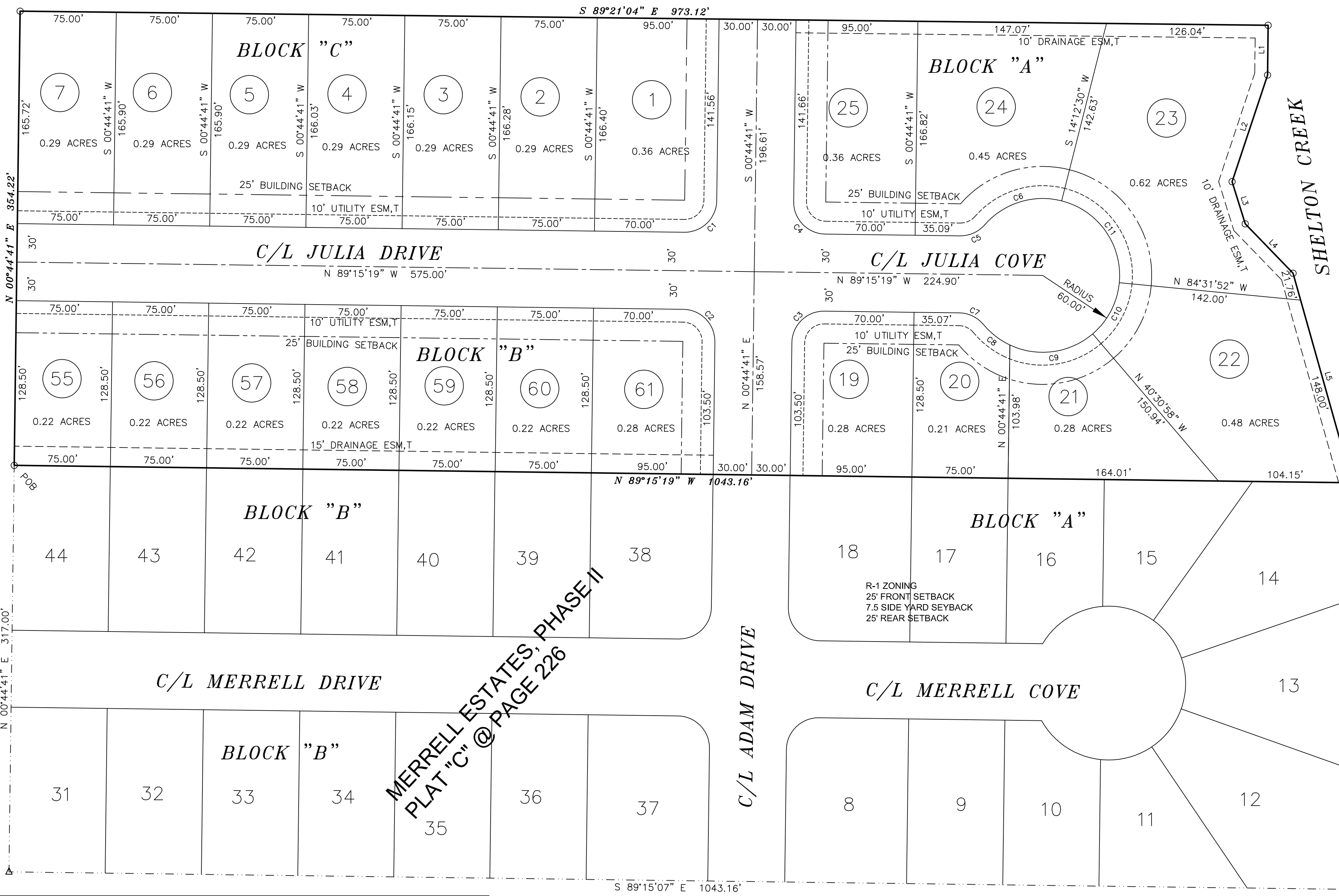
DATE: 9/21/12
REV: 4/30/13

DRAWN BY: BCM

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



HIGHWAY 49



CURVE	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD LENGTH	TANGENT
C1	90°00'00"	25.00'	39.27'	35.36'	25.00'
C2	90°00'00"	25.00'	39.27'	35.36'	25.00'
C3	90°00'01"	25.00'	39.27'	35.36'	25.00'
C4	90°00'00"	25.00'	39.27'	35.36'	25.00'
C5	49°40'47"	25.00'	21.68'	21.00'	11.57'
C6	63°08'36"	60.00'	66.12'	62.83'	36.87'
C7	49°44'39"	25.00'	21.71'	21.03'	11.59'
C8	25°08'58"	60.00'	26.34'	26.13'	13.38'
C9	65°46'31"	60.00'	68.88'	65.16'	38.80'
C10	44°00'54"	60.00'	46.09'	44.97'	24.25'
C11	81°19'39"	60.00'	85.10'	78.14'	51.48'

LINE	BEARING	DISTANCE
L1	S 00°38'56" W	38.78'
L2	S 18°23'53" W	87.63'
L3	S 17°16'10" E	34.44'
L4	S 44°05'01" E	53.59'
L5	S 15°43'17" E	169.76'

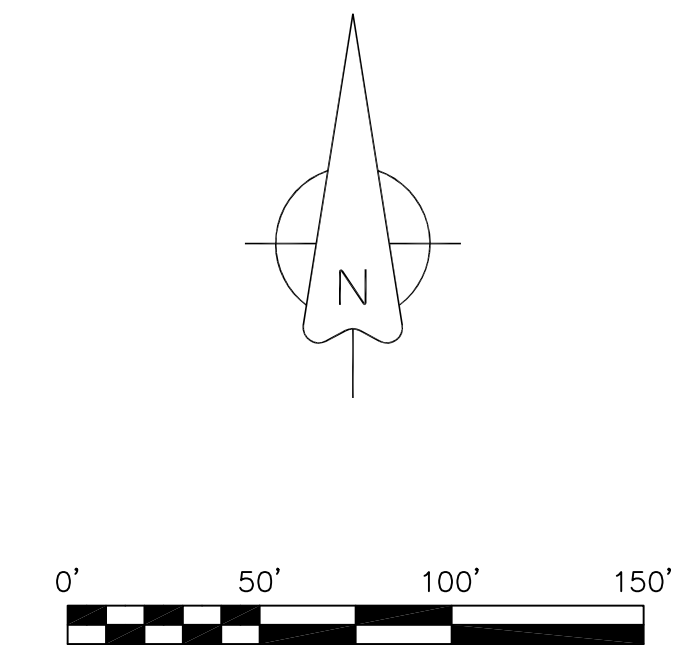
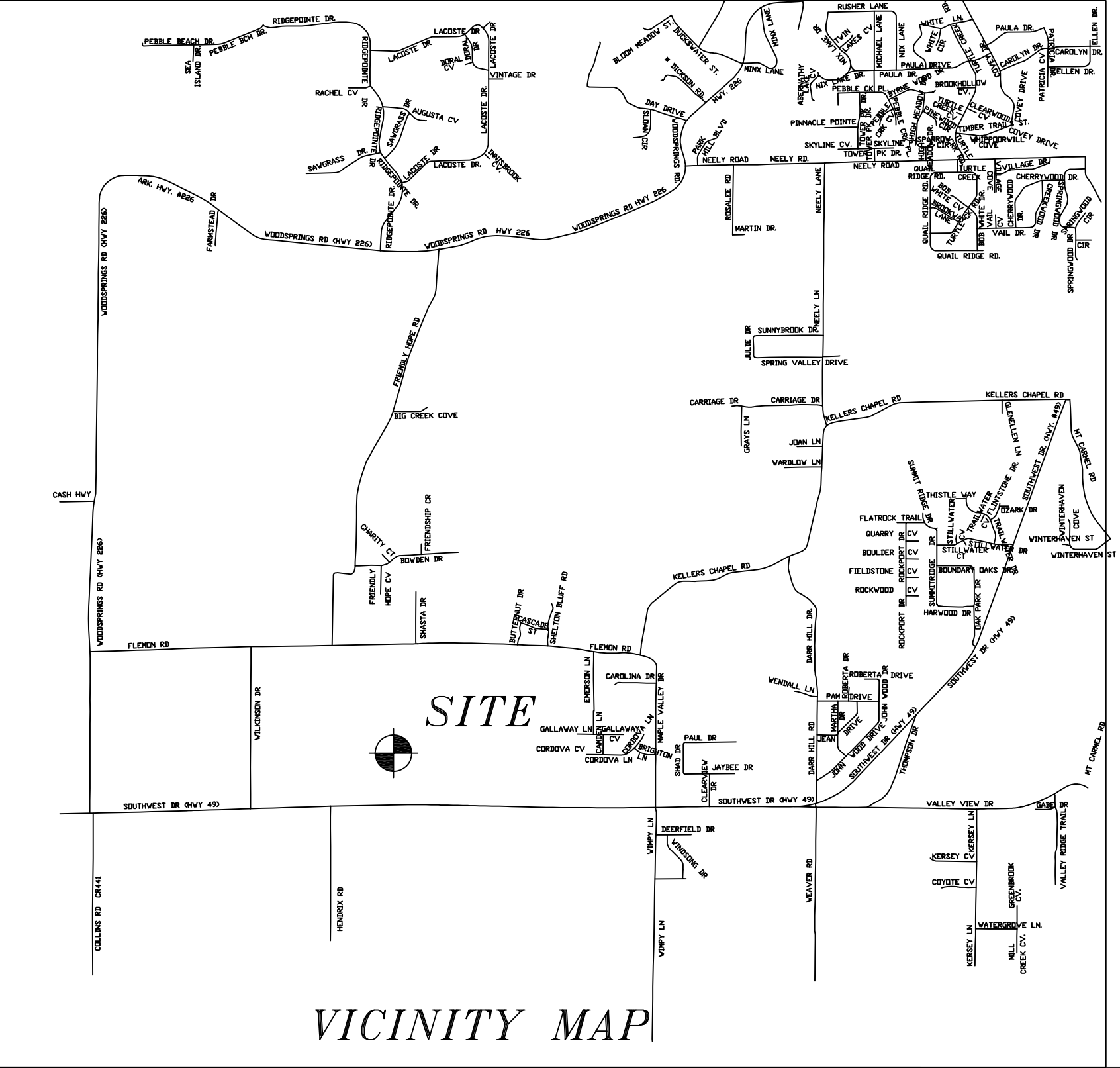
DESCRIPTION:
 A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST, CRAIGHEAD COUNTY, ARKANSAS AN BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 Commencing at the Southeast corner of the Southeast Quarter of the Southeast Quarter of said Section 3; thence North 00°18'25" East 466.62 feet; thence North 76°28'26" West 152.19 feet; thence North 30°39'19" West 171.19 feet; thence North 89°15'19" West 1063.04 feet; thence North 00°44'41" East 317.00 feet to the point of beginning proper;
 thence continue North 00°44'41" East 354.22 feet; thence South 89°21'04" East 973.12 feet; thence South 00°38'56" West 38.78 feet; thence South 18°23'53" West 87.63 feet; thence South 17°16'10" East 34.44 feet; thence South 44°05'01" East 53.59 feet; thence South 15°43'17" East 169.76 feet; thence North 89°15'19" West 1043.16 feet; to the point of beginning proper, having an area of 351290.15 square feet, 8.06 acres more or less and being subject to all public and private roads and easements.

SURVEYORS NOTES:
 1. BEARINGS ARE STATE PLANE GRID BEARINGS(NAD 83 DATUM)AS PER GPS OBSERVATION ON SITE DURING SURVEY AND ARE TO BE USED TO DEFINE THE GENERAL DIRECTION AND TRUE ANGLE AT THE INTERSECTION OF THE PROPERTY AND LAND LINES.
 2. PROPERTY IS SUBJECT TO UTILITY SERVICES AND UNDERGROUND UTILITY LINES NOT LOCATED.

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.

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.

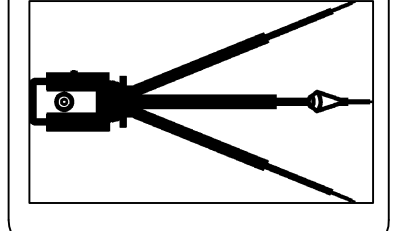
H&S HIME PROFESSIONAL SURVEYING SERVICES
 POB No. 353
 BROOKLAND, ARKANSAS 72417



- 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

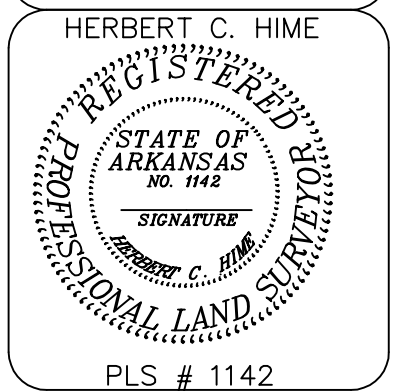
SE CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST AS MERRELL ESTATES, PHASE I, JONESBORO, AR. PLAT "C" @ PAGE 177

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

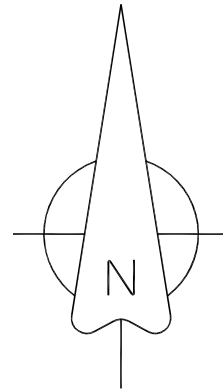


FINAL PLAT - NOT FOR RECORD
MERRELL ESTATES, PHASE III
JONESBORO, ARKANSAS

DATE: 4-30-2013
 REV:
 DRAWN BY: HH



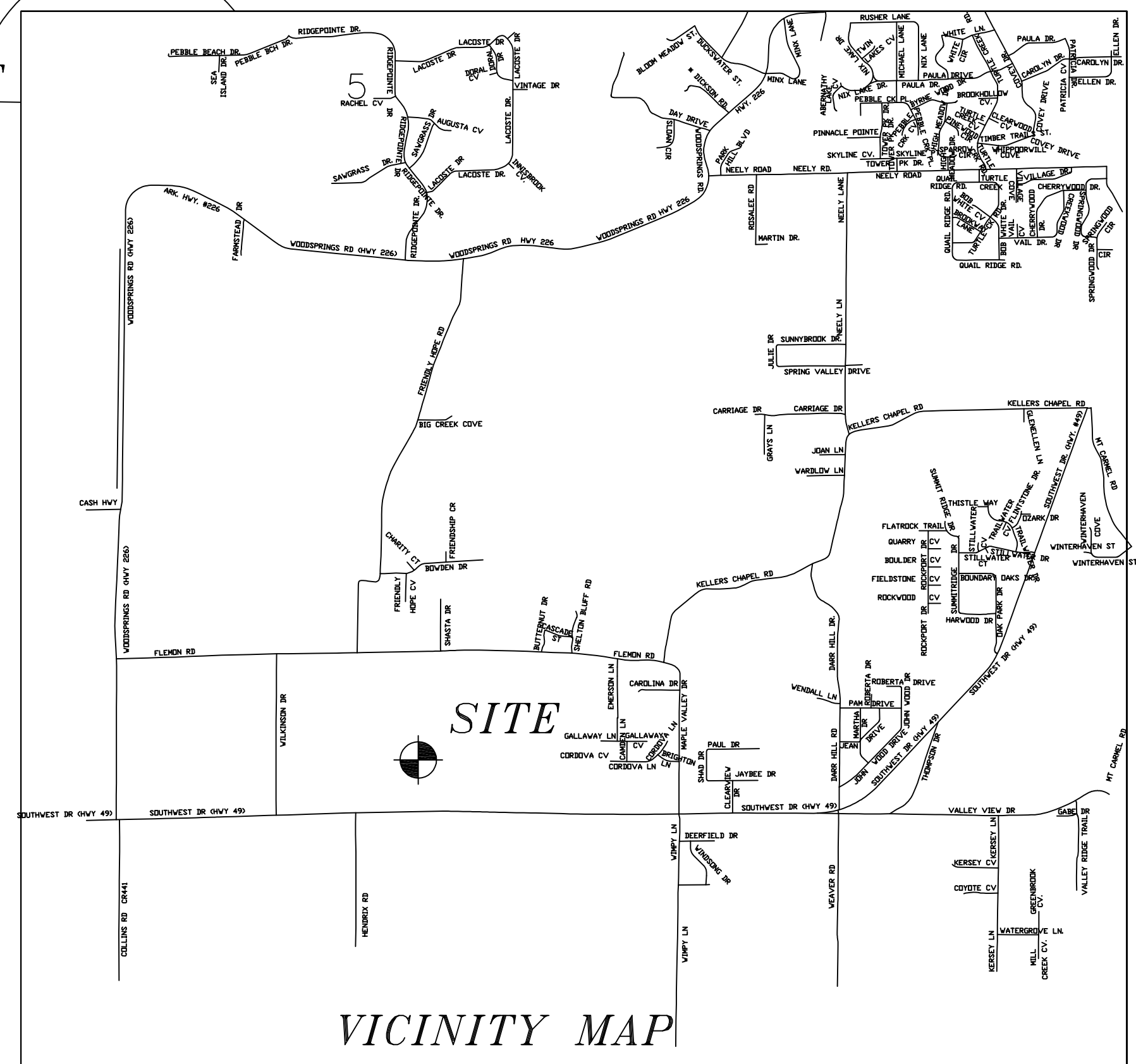
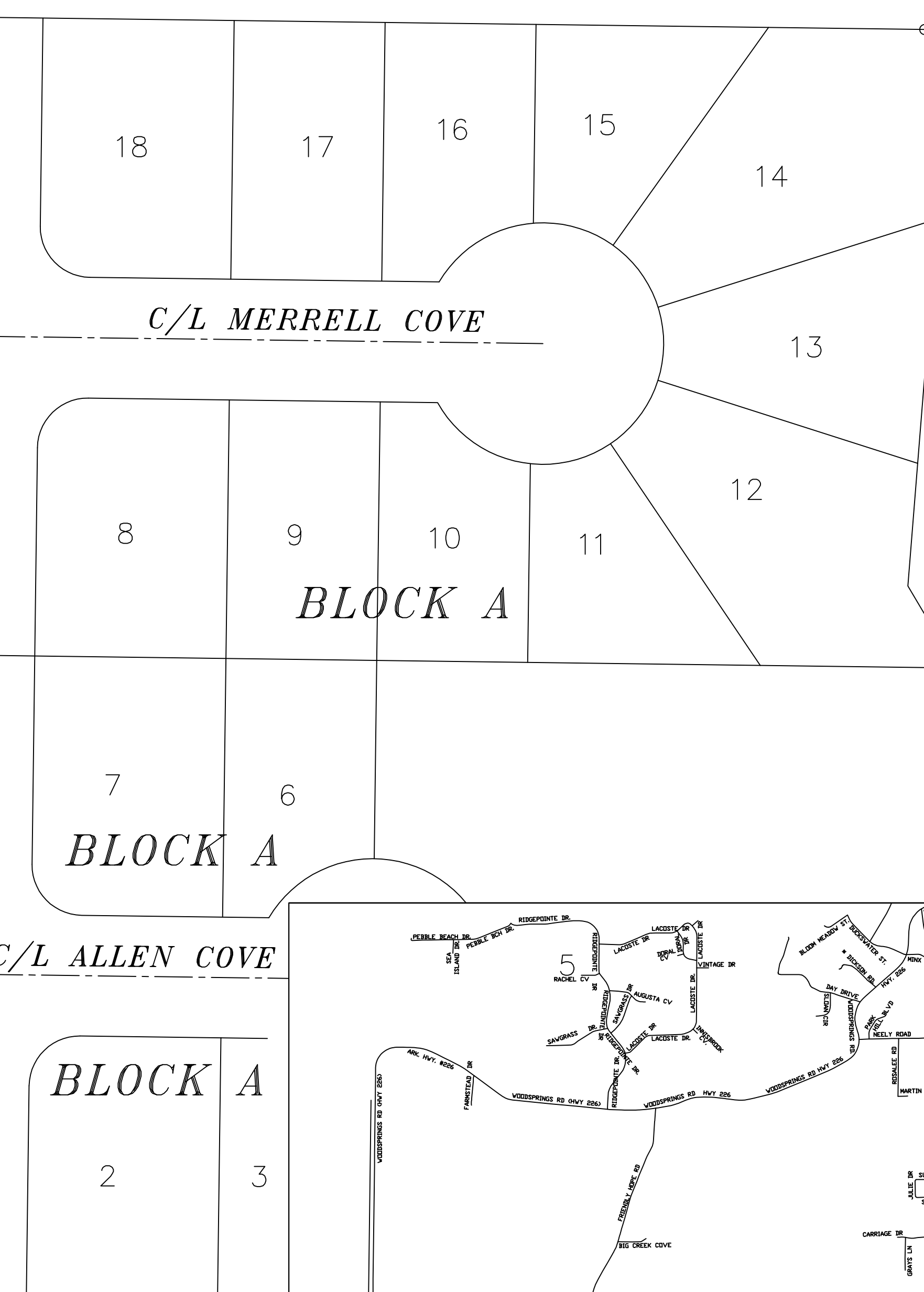
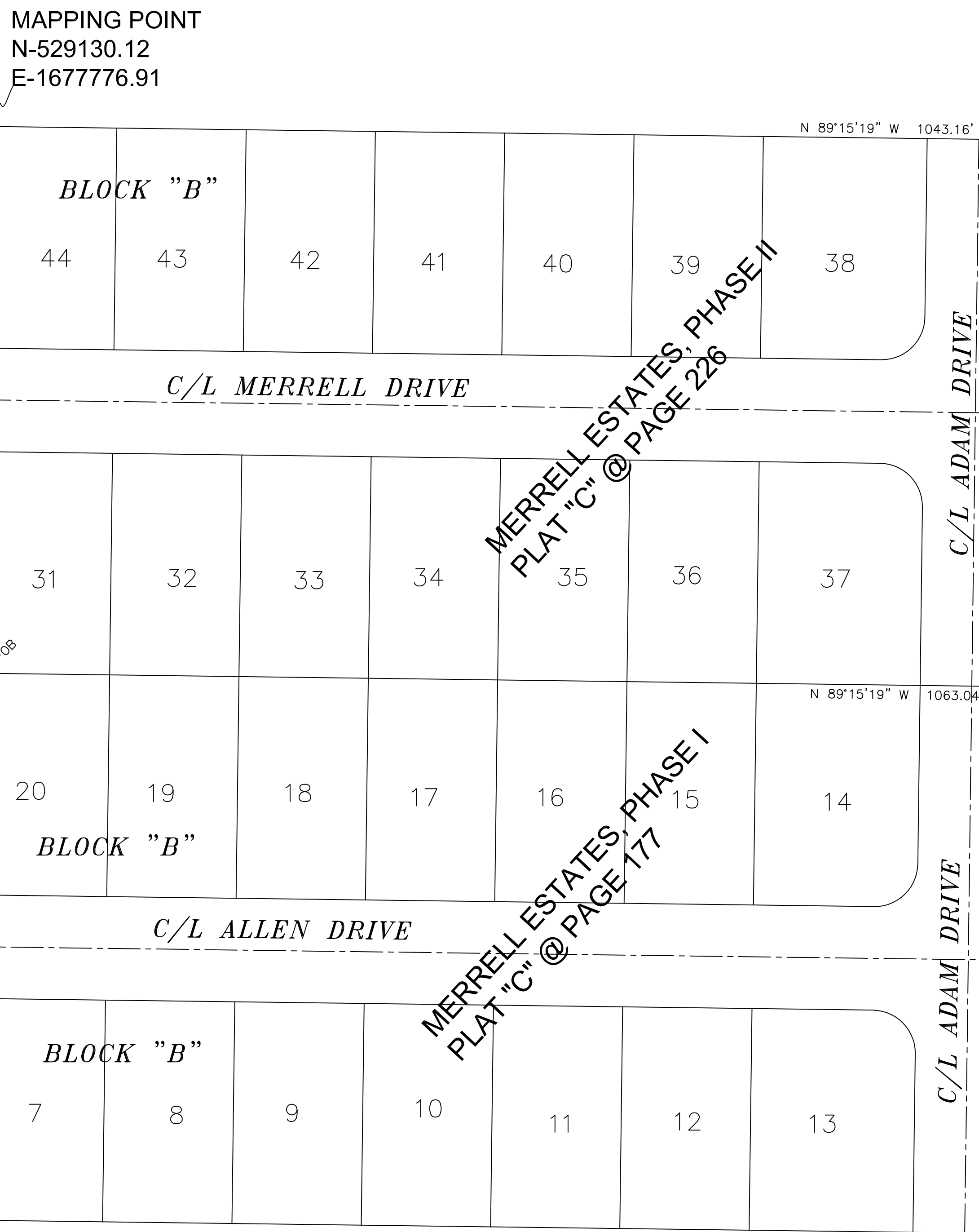
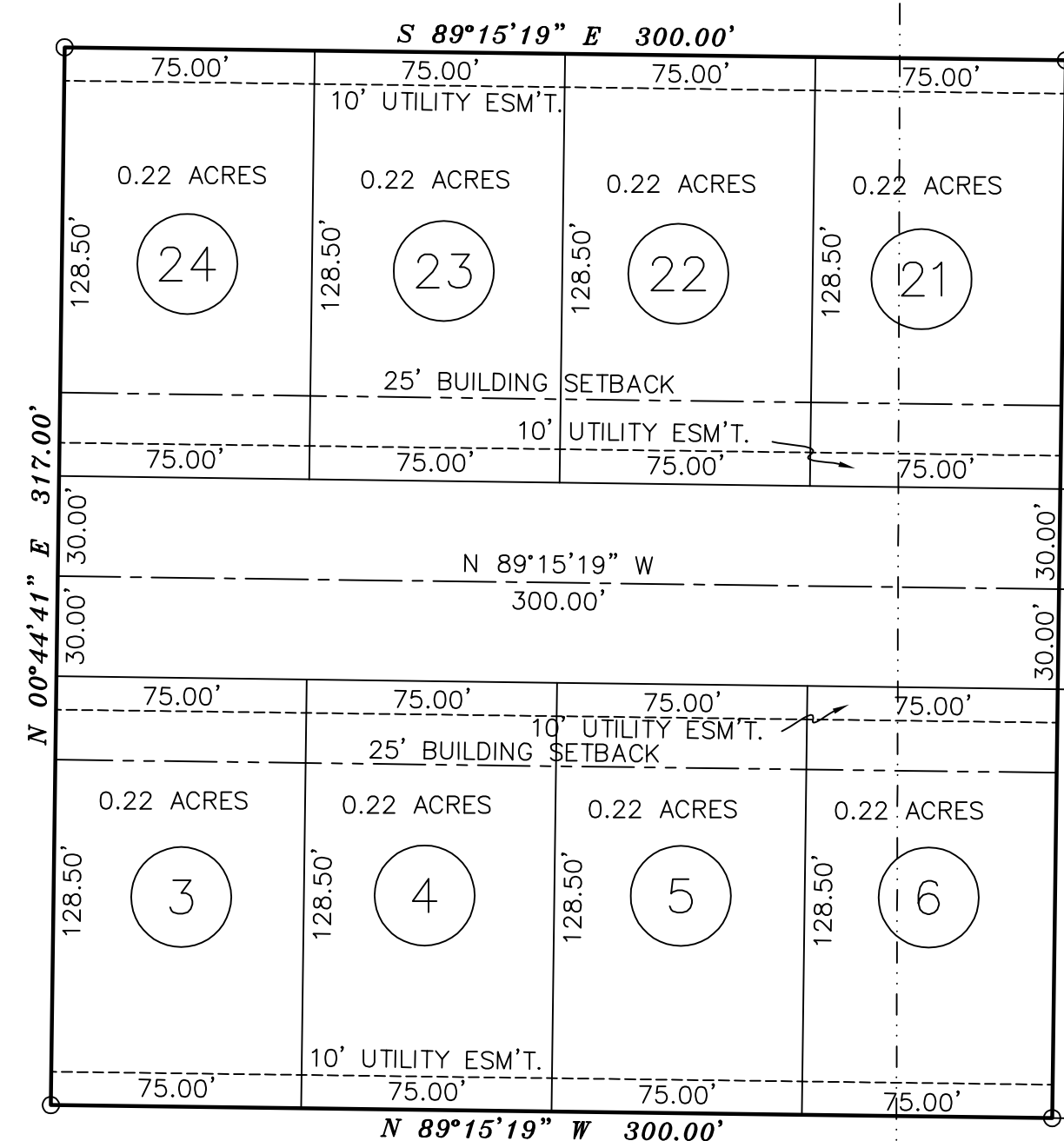
PHONE: 870-972-1288
 FAX: 870-972-1011
 E-MAIL: h&shime_butch@yahoo.com



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—X— FENCE LINE
- E—E— ELECTRIC
- ⊙ SET PK NAIL
- ⊕ POWER POLE



SE CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST AS MERRELL ESTATES, PHASE I, JONESBORO, AR, PLAT "C" @ PAGE 177

R/W MARKER
STA. 257+79.51
PT. 3032

U.S. HIGHWAY No. 49

DESCRIPTION:
A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (0.35 AC.) OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST, AND A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (1.83 AC.) OF SECTION 4, TOWNSHIP 13 NORTH, RANGE 4 EAST, CRAIGHEAD COUNTY, ARKANSAS AN BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
Commencing at the Southeast corner of the Southeast Quarter of said Section 3; thence North 00°18'25" East 466.62 feet; thence North 76°28'26" West 152.19 feet; thence North 30°39'19" West 171.19 feet; thence North 89°15'19" West 1063.04 feet to the point of beginning proper; thence South 00°44'41" West 317.00 feet; thence North 89°15'19" West 300.00 feet; thence North 00°44'41" East 317.00 feet; thence South 89°15'19" East 300.00 feet; to the point of beginning proper, having an area of 95100.00 square feet, 2.18 acres

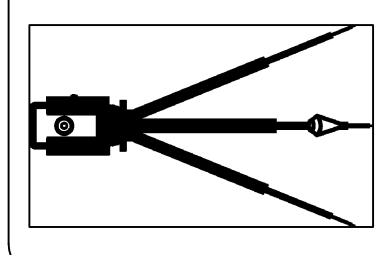
SURVEYORS NOTES:
1. BEARINGS ARE STATE PLANE GRID BEARINGS (NAD 83 DATUM) AS PER GPS OBSERVATION ON SITE DURING SURVEY AND ARE TO BE USED TO DEFINE THE GENERAL DIRECTION AND TRUE ANGLE AT THE INTERSECTION OF THE PROPERTY AND LAND LINES.
2. PROPERTY IS SUBJECT TO UTILITY SERVICES AND UNDERGROUND UTILITY LINES NOT LOCATED.

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.

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.

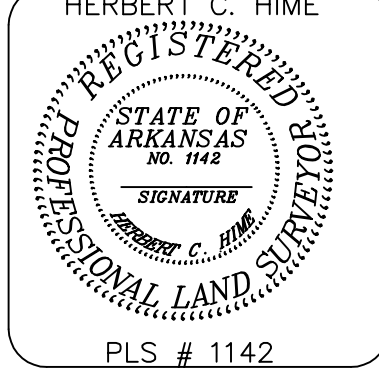
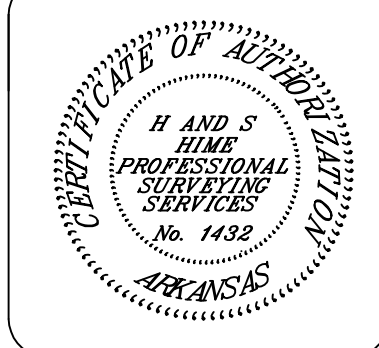
H&S HIME PROFESSIONAL SURVEYING SERVICES
POB No. 353
BROOKLAND, ARKANSAS 72417

H&S HIME PROFESSIONAL SURVEYING SERVICES
PHONE: 870-972-1288
FAX: 870-972-1011
E-MAIL: h&shime_butch@yahoo.com



FINAL PLAT - NOT FOR RECORD
MERRELL ESTATES, PHASE IV
JONESBORO, ARKANSAS

DATE: 4-30-2013
REV:
DRAWN BY: HH



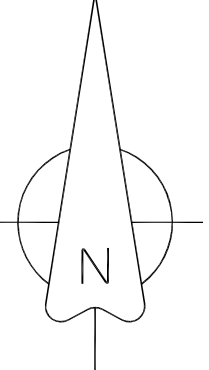
PLS # 1142

MAPPING POINT
N-529130.12
E-1677776.91



MERRELL ESTATES, PHASE II
PLAT "C" @ PAGE 226

R-1 ZONING
25' FRONT SETBACK
7.5' SIDE YARD SEYBACK
25' REAR SETBACK



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—X— FENCE LINE
 - E—E— ELECTRIC
 - ⊙ SET PK NAIL
 - ⊕ POWER POLE

SECTION 4, T13N R4E
SECTION 3, T13N R4E

MERRELL ESTATES, PHASE I
PLAT "C" @ PAGE 177

R/W MARKER
STA. 257+79.51
PT. 3032

U.S. HIGHWAY No. 49

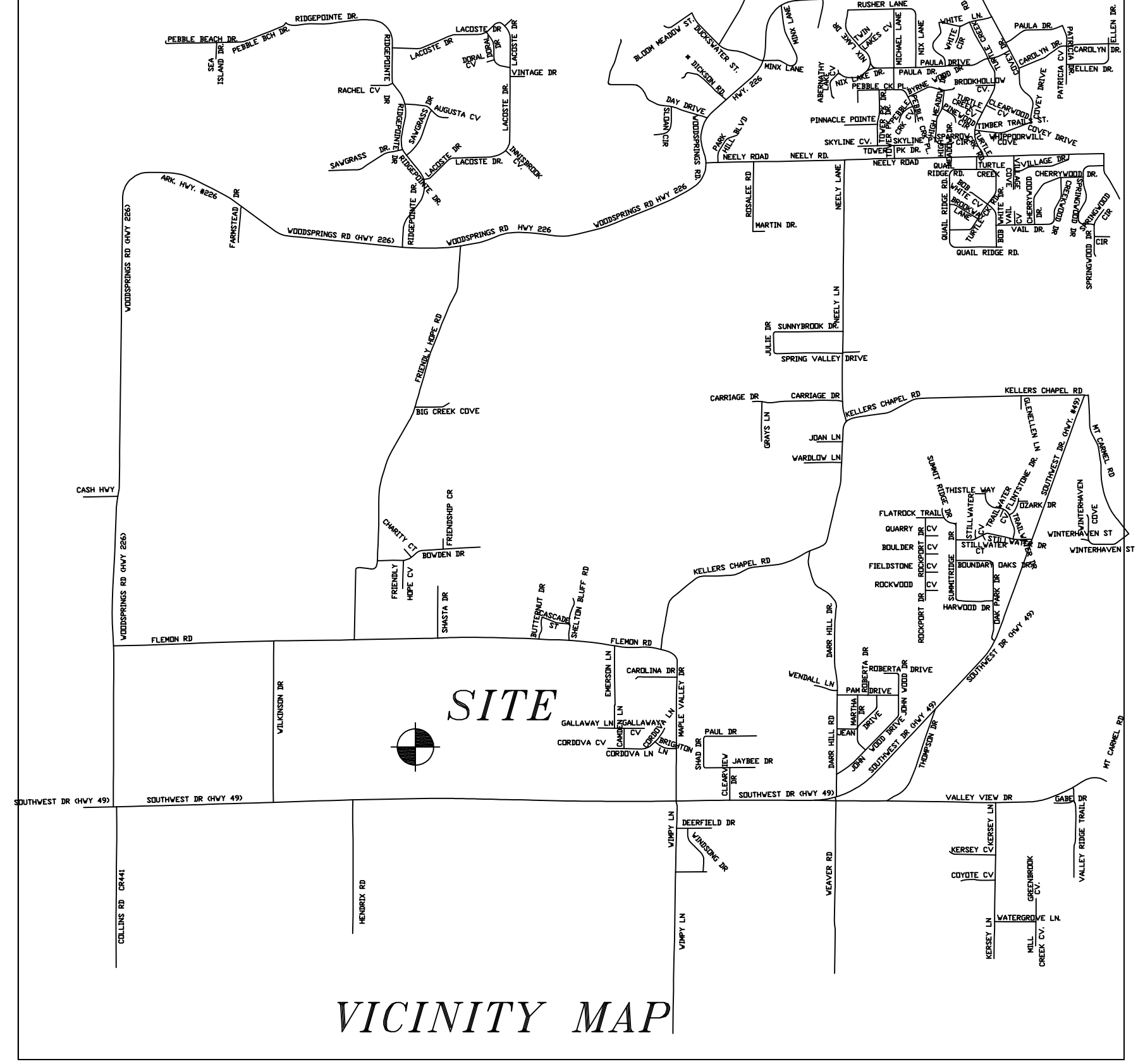
DESCRIPTION:
A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (0.37 AC.) OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST, AND A PART OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER (1.81 AC.) OF SECTION 4, TOWNSHIP 13 NORTH, RANGE 4 EAST, CRAIGHEAD COUNTY, ARKANSAS AN BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
Commencing at the Southeast corner of the Southeast Quarter of the Southeast Quarter of said Section 3; thence North 00°18'25" East 466.62 feet; thence North 76°28'26" West 152.19 feet; thence North 30°39'19" West 171.19 feet; thence North 89°15'19" West 1063.04 feet to the point of beginning proper; thence continue North 89°15'19" West 300.00 feet; thence North 00°44'41" East 317.00 feet; thence South 89°15'19" East 300.00 feet; thence South 00°44'41" West 317.00 feet; to the point of beginning proper, having an area of 95100.00 square feet, 2.18 acres more or less and being subject to all public and private roads and easements.

- SURVEYORS NOTES:**
- BEARINGS ARE STATE PLANE GRID BEARINGS(NAD 83 DATUM)AS PER GPS OBSERVATION ON SITE DURING SURVEY AND ARE TO BE USE TO DEFINE THE GENERAL DIRECTION AND TRUE ANGLE AT THE INTERSECTION OF THE PROPERTY AND LAND LINES.
 - PROPERTY IS SUBJECT TO UTILITY SERVICES AND UNDERGROUND UTILITY LINES NOT LOCATED.

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.

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.

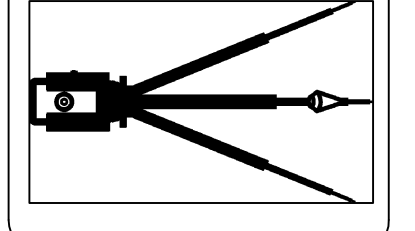
H&S HIME PROFESSIONAL SURVEYING SERVICES
POB No. 353
BROOKLAND, ARKANSAS 72417



SE CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST AS MERRELL ESTATES, PHASE I, JONESBORO, AR, PLAT "C" @ PAGE 177

H&S HIME PROFESSIONAL SURVEYING SERVICES
PHONE: 870-972-1288
FAX: 870-972-1011
E-MAIL: h&shime_butch@yahoo.com

POB NO. 353
BROOKLAND, ARKANSAS 72417

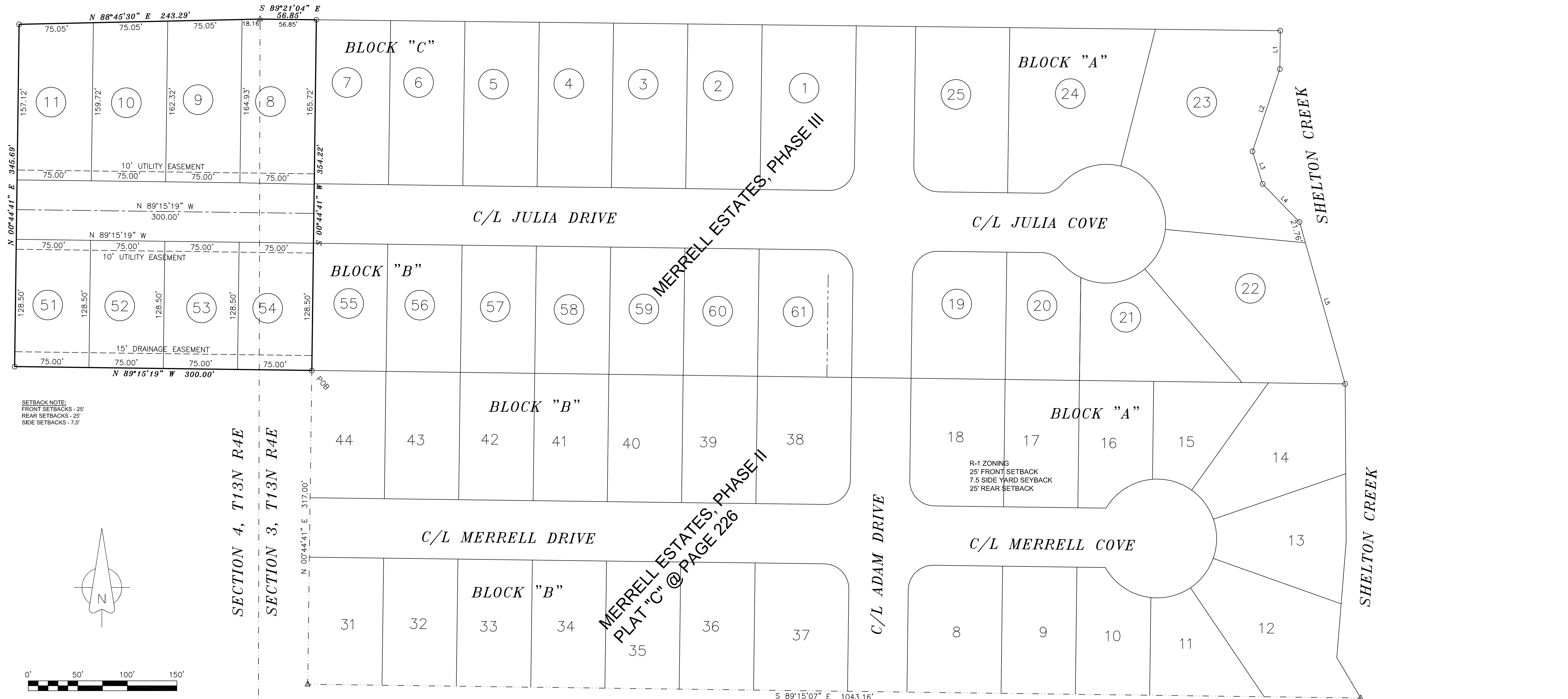


PRELIMINARY PLAT—NOT FOR RECORD
MERRELL ESTATES, PHASE V
JONESBORO, ARKANSAS

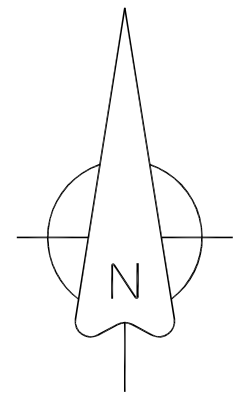
DATE: 4-30-2013
REV:
DRAWN BY: HH



PLS # 1142



SETBACK NOTE:
FRONT SETBACKS - 25'
REAR SETBACKS - 25'
SIDE SETBACKS - 7.5'



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—X— FENCE LINE
- E—E— ELECTRIC
- SET PK NAIL
- ⊕ POWER POLE

R/W MARKER
STA. 257+79.51
PT. 3032

U.S. HIGHWAY No. 49

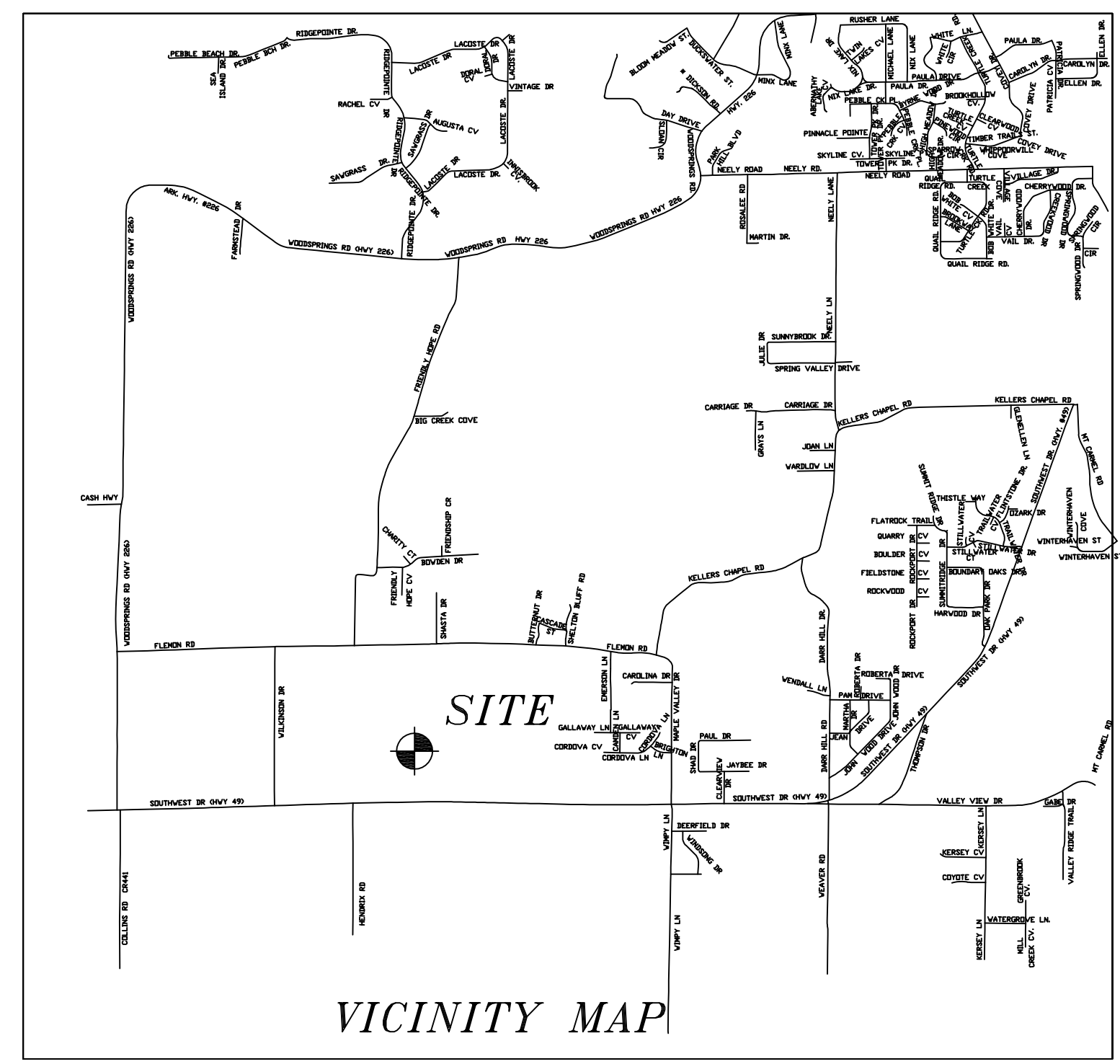
DESCRIPTION:
A PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (0.45 AC.) OF SECTION 3 AND A PART OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER (1.97 AC.) OF SECTION 4, TOWNSHIP 13 NORTH, RANGE 3 EAST, CRAIGHHEAD COUNTY, ARKANSAS ARE BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
Commencing at the Southeast corner of the Southeast Quarter of said Section 3; thence North 00°18'25" East 466.62 feet; thence North 76°28'26" West 152.19 feet; thence North 30°39'19" West 171.19 feet; thence North 89°15'19" West 1063.04 feet; thence North 00°44'41" East 317.00 feet to the point of beginning proper;
commencing at; thence North 89°15'19" West 300.00 feet; thence North 00°44'41" East 345.69 feet; thence North 88°45'30" East 243.29 feet; thence South 89°21'04" East 56.85 feet; thence South 00°44'41" West 354.22 feet; to the point of beginning proper, having an area of 105214.11 square feet, 2.42 acres more or less and being subject to all public and private roads and easements.

SURVEYORS NOTES:
1. BEARINGS ARE STATE PLANE GRID BEARINGS (NAD 83 DATUM) AS PER GPS OBSERVATION ON SITE DURING SURVEY AND ARE TO BE USED TO DEFINE THE GENERAL DIRECTION AND TRUE ANGLE AT THE INTERSECTION OF THE PROPERTY AND LAND LINES.
2. PROPERTY IS SUBJECT TO UTILITY SERVICES AND UNDERGROUND UTILITY LINES NOT LOCATED.

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.

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.

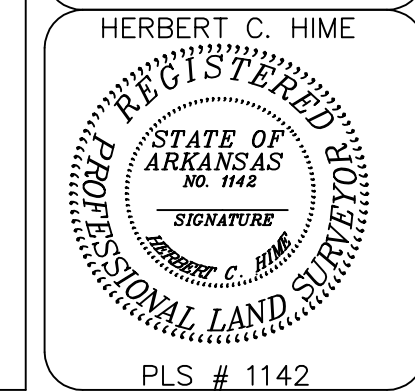
H&S HIME PROFESSIONAL SURVEYING SERVICES
POB No. 353
BROOKLAND, ARKANSAS 72417



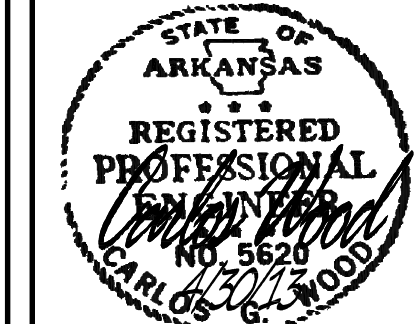
H&S HIME PROFESSIONAL SURVEYING SERVICES
PHONE: 870-972-1288
FAX: 870-972-1011
E-MAIL: h&shime_butch@yahoo.com
POB NO. 353
BROOKLAND, ARKANSAS 72417

PRELIMINARY PLAT - NOT FOR RECORD
MERRELL ESTATES, PHASE VI
JONESBORO, ARKANSAS

DATE: 4-30-2013
REV:
DRAWN BY: HH



SE CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 13 NORTH, RANGE 3 EAST AS MERRELL ESTATES, PHASE I, JONESBORO, AR, PLAT 'C' @ PAGE 177



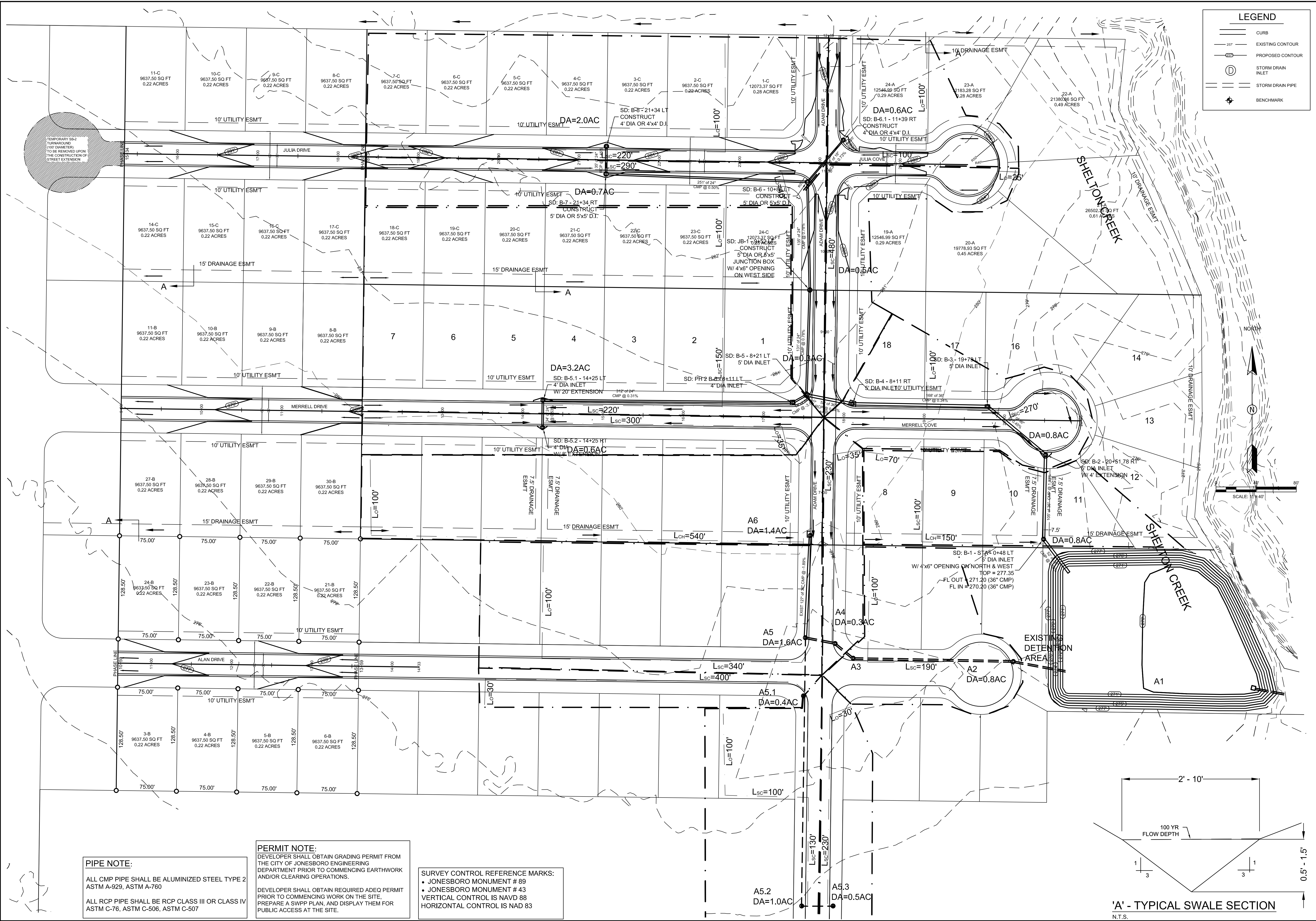
MERRELL ESTATES PHASE III, IV, V, & VI

DRAINAGE
AREA MAP

JONESBORO, AR

LEGEND

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



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

PERMIT NOTE:

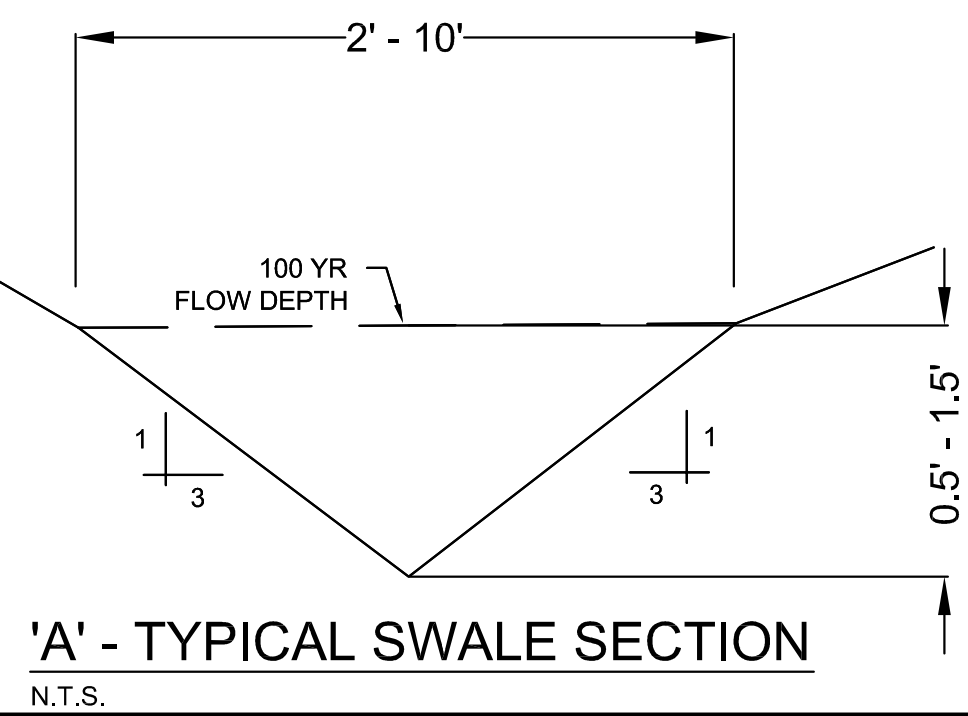
DEVELOPER SHALL OBTAIN GRADING PERMIT FROM THE CITY OF JONESBORO ENGINEERING DEPARTMENT PRIOR TO COMMENCING EARTHWORK AND/OR CLEARING OPERATIONS.

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:

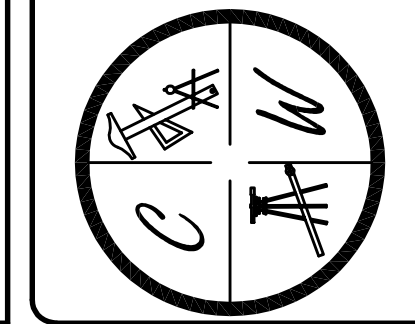
- JONESBORO MONUMENT # 89
- JONESBORO MONUMENT # 43

VERTICAL CONTROL IS NAVD 88
HORIZONTAL CONTROL IS NAD 83



DATE: 9/21/12
REV: 4/30/13
DRAWN BY: BCM

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





MERRELL ESTATE PHASE III

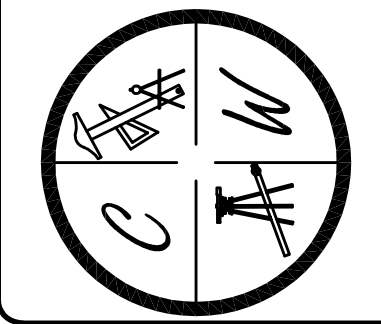
JONESBORO, AR

TOPOGRAPHY &
DRAINAGE PLAN

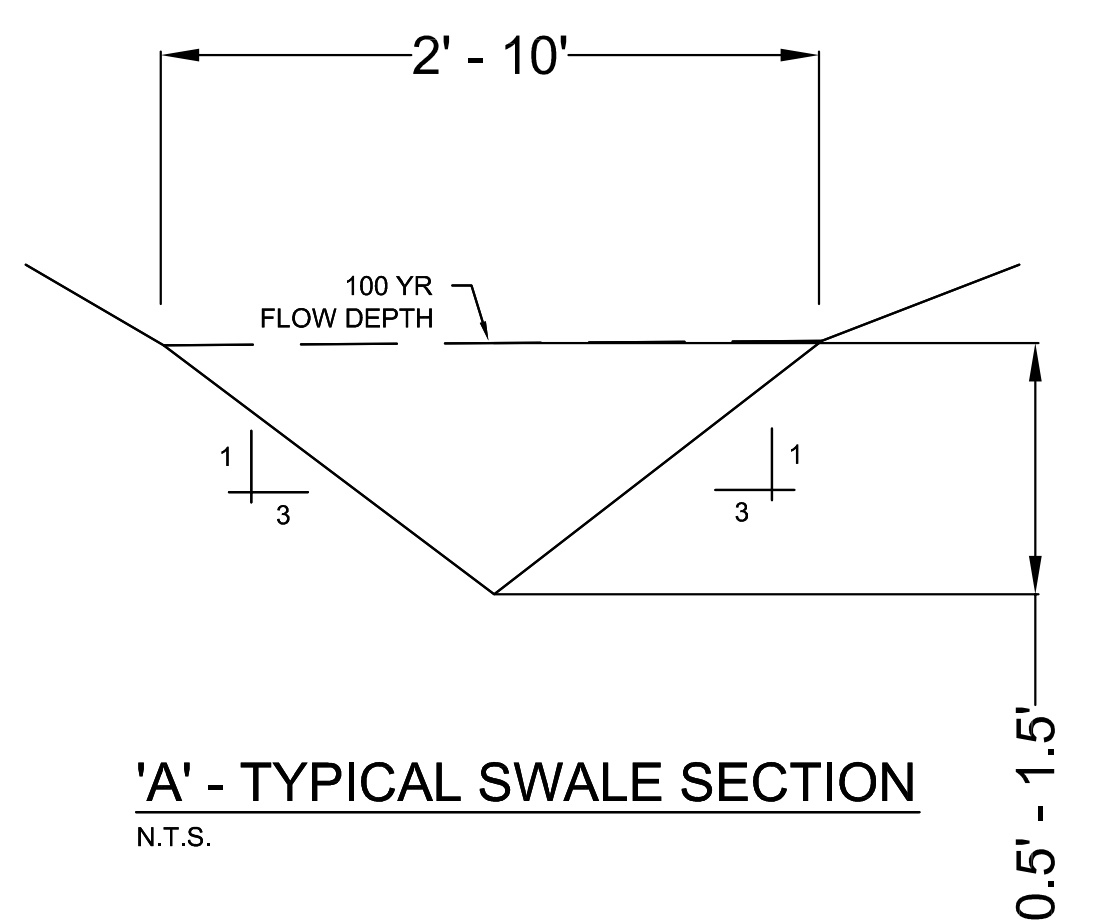
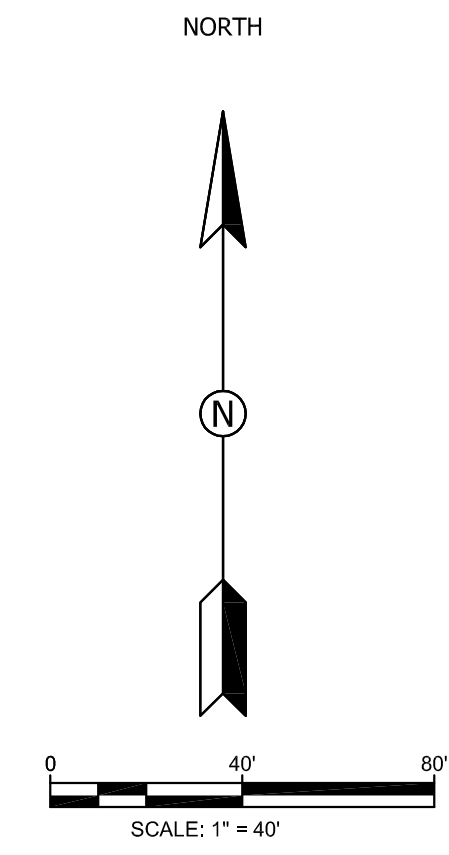
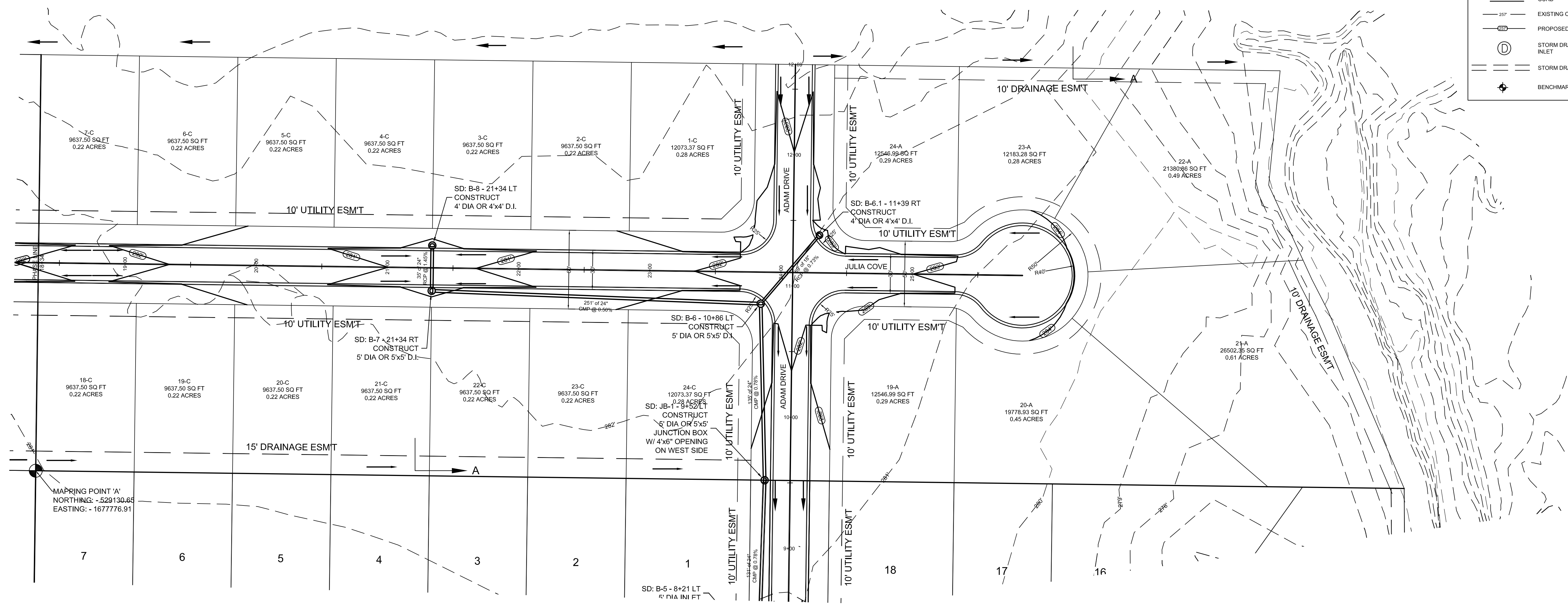
DATE: 9/21/12
REV: 4/30/13

DRAWN BY: BCM

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



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



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

NOTE:

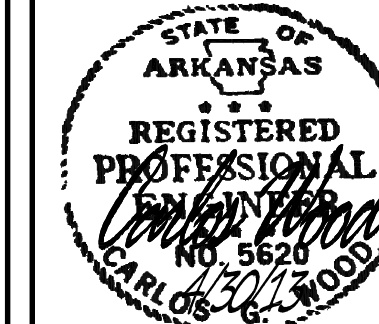
DEVELOPER SHALL OBTAIN GRADING PERMIT FROM THE CITY OF JONESBORO ENGINEERING DEPARTMENT PRIOR TO COMMENCING EARTHWORK AND/OR CLEARING OPERATIONS.

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 MONUMENT # 89
- JONESBORO MONUMENT # 43

VERTICAL CONTROL IS NAVD 88
HORIZONTAL CONTROL IS NAD 83

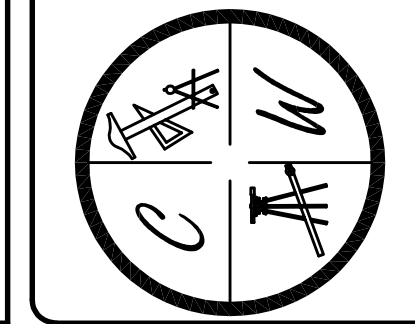


MERRELL ESTATES PHASE III

ADAM DRIVE & JULIA DRIVE/COVE
PLAN & PROFILE

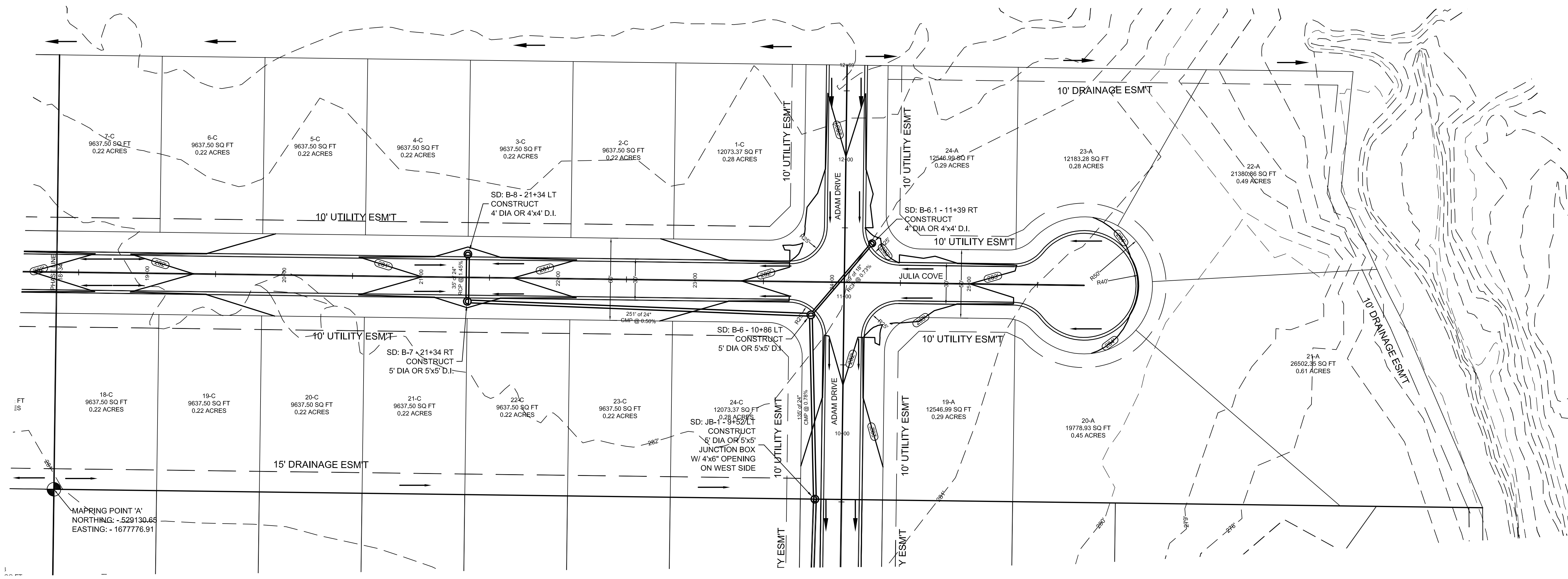
DATE: 9/21/12
REV: 4/30/13
DRAWN BY: BCM

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LEGEND

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



PIPE NOTE:

ALL CMP PIPE SHALL BE ALUMINIZED STEEL TYPE 2
ASTM A-929, ASTM A-760

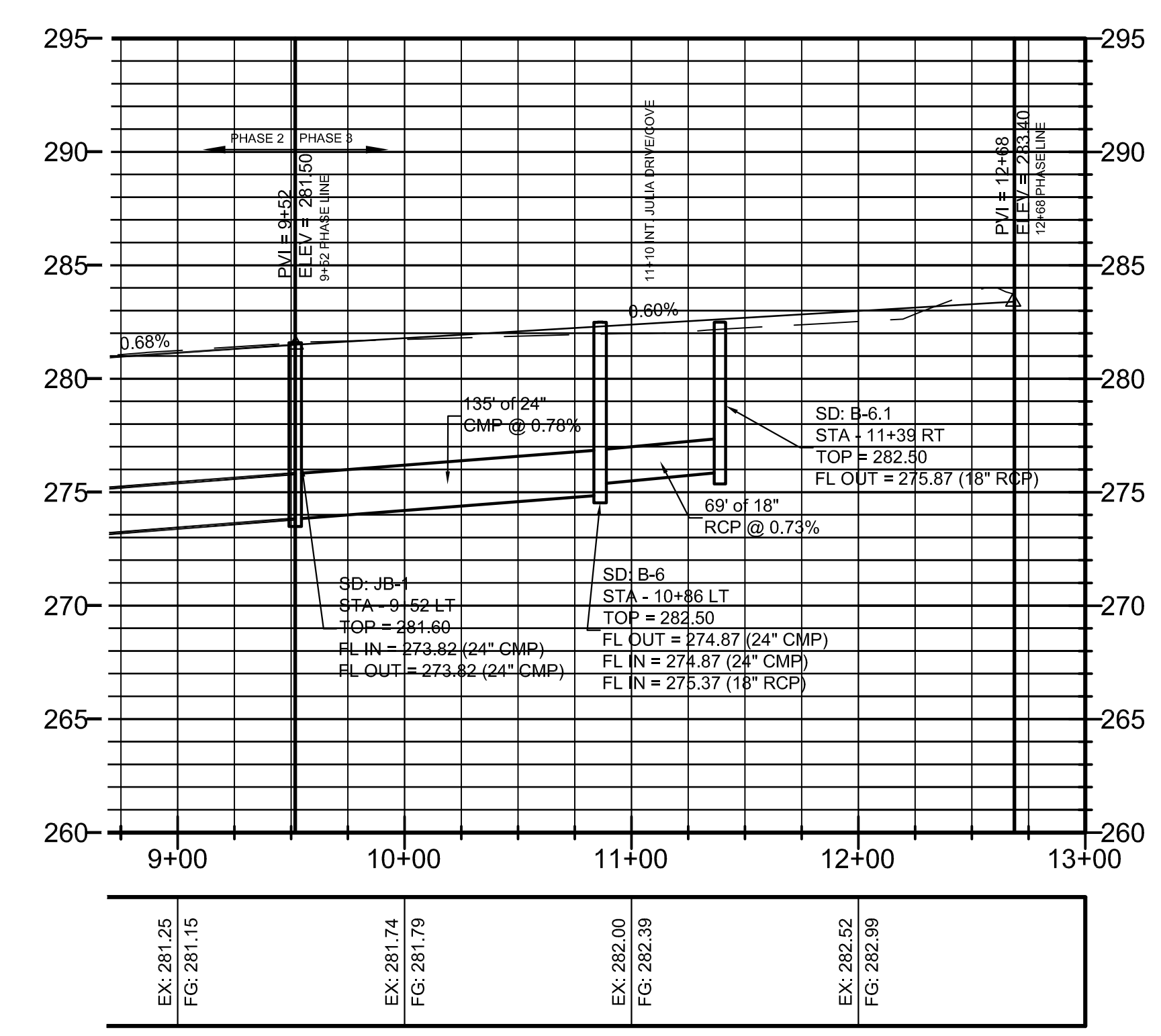
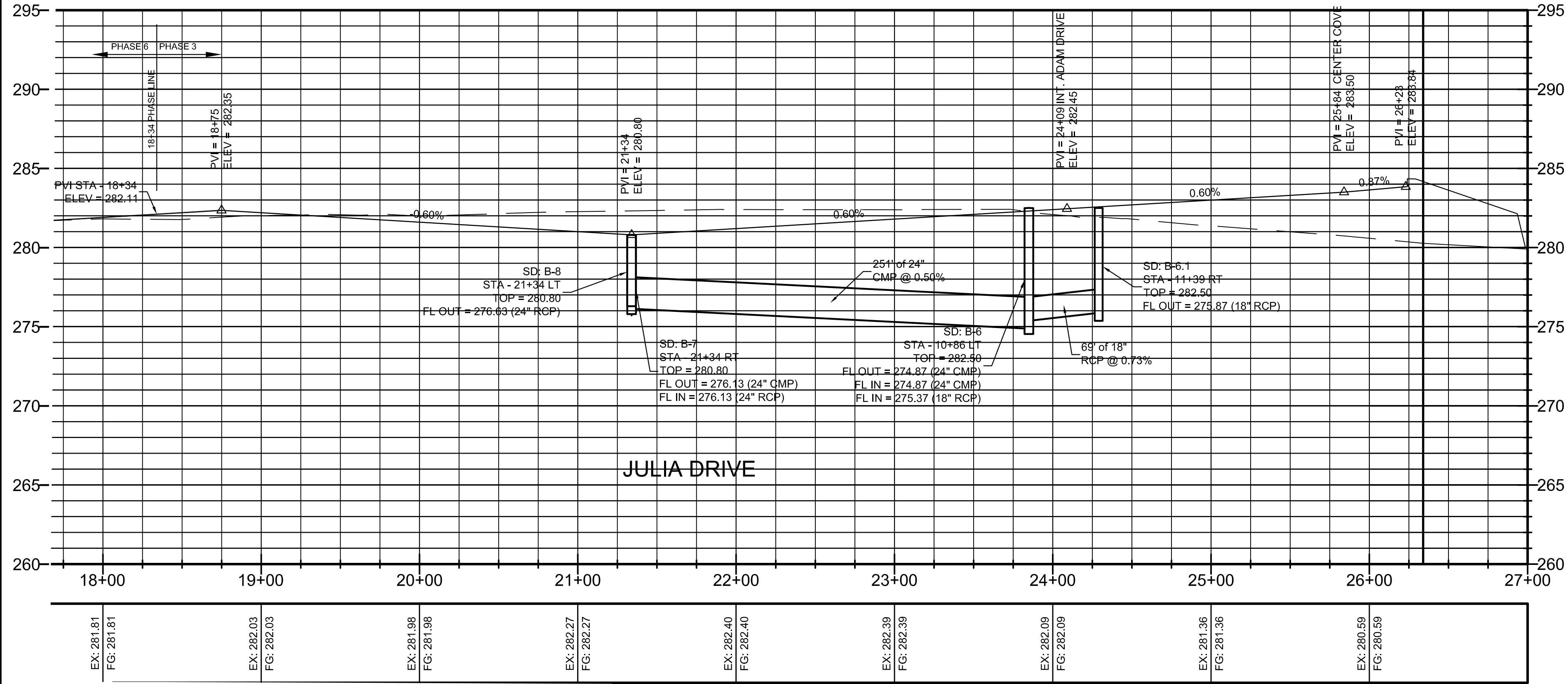
ALL RCP PIPE SHALL BE RCP CLASS III OR CLASS IV
ASTM C-76, ASTM C-506, ASTM C-507

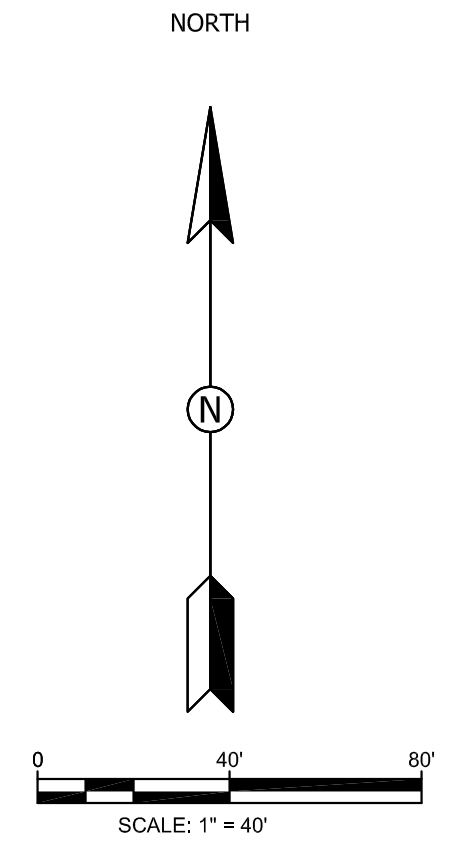
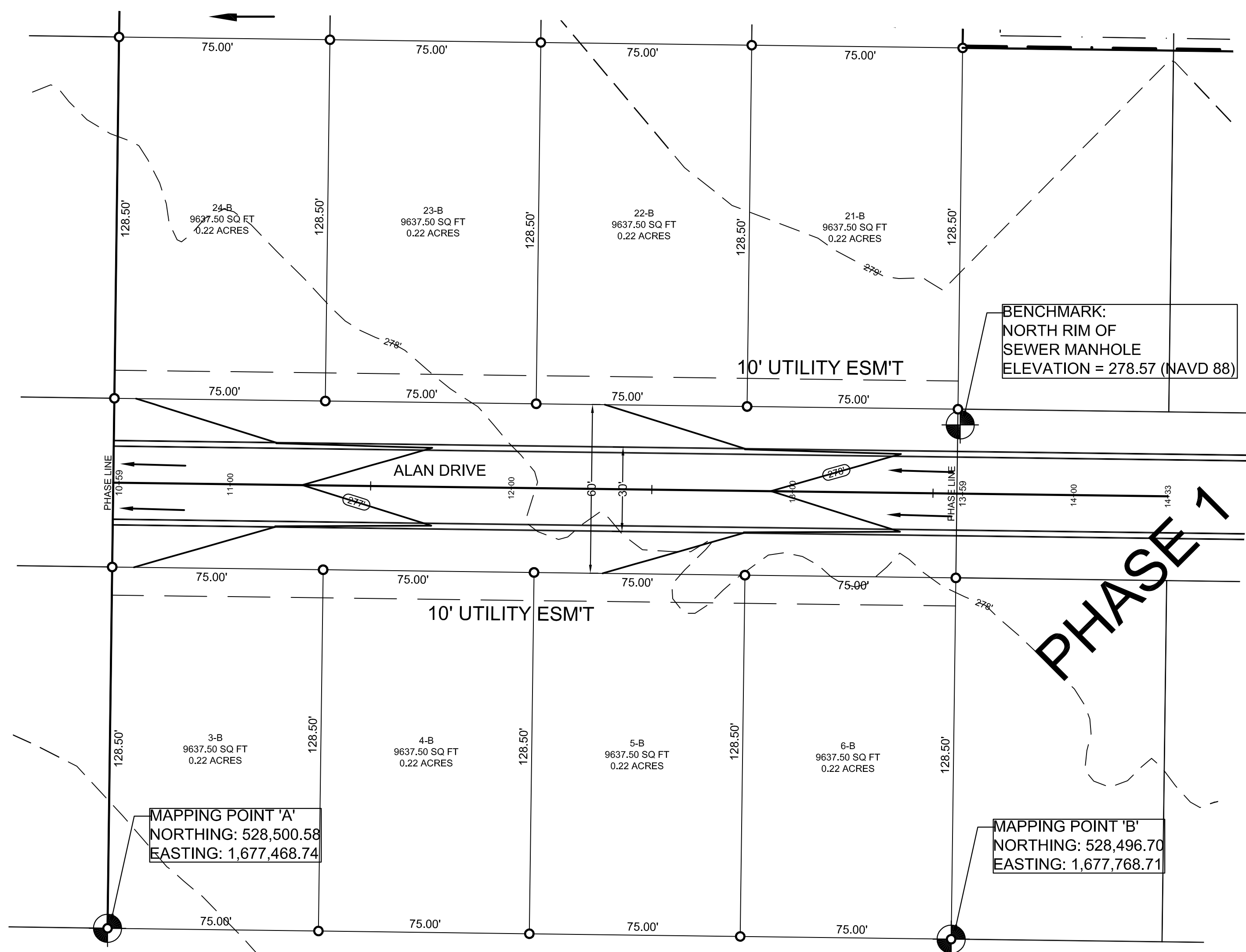
NOTE:

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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.

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





LEGEND

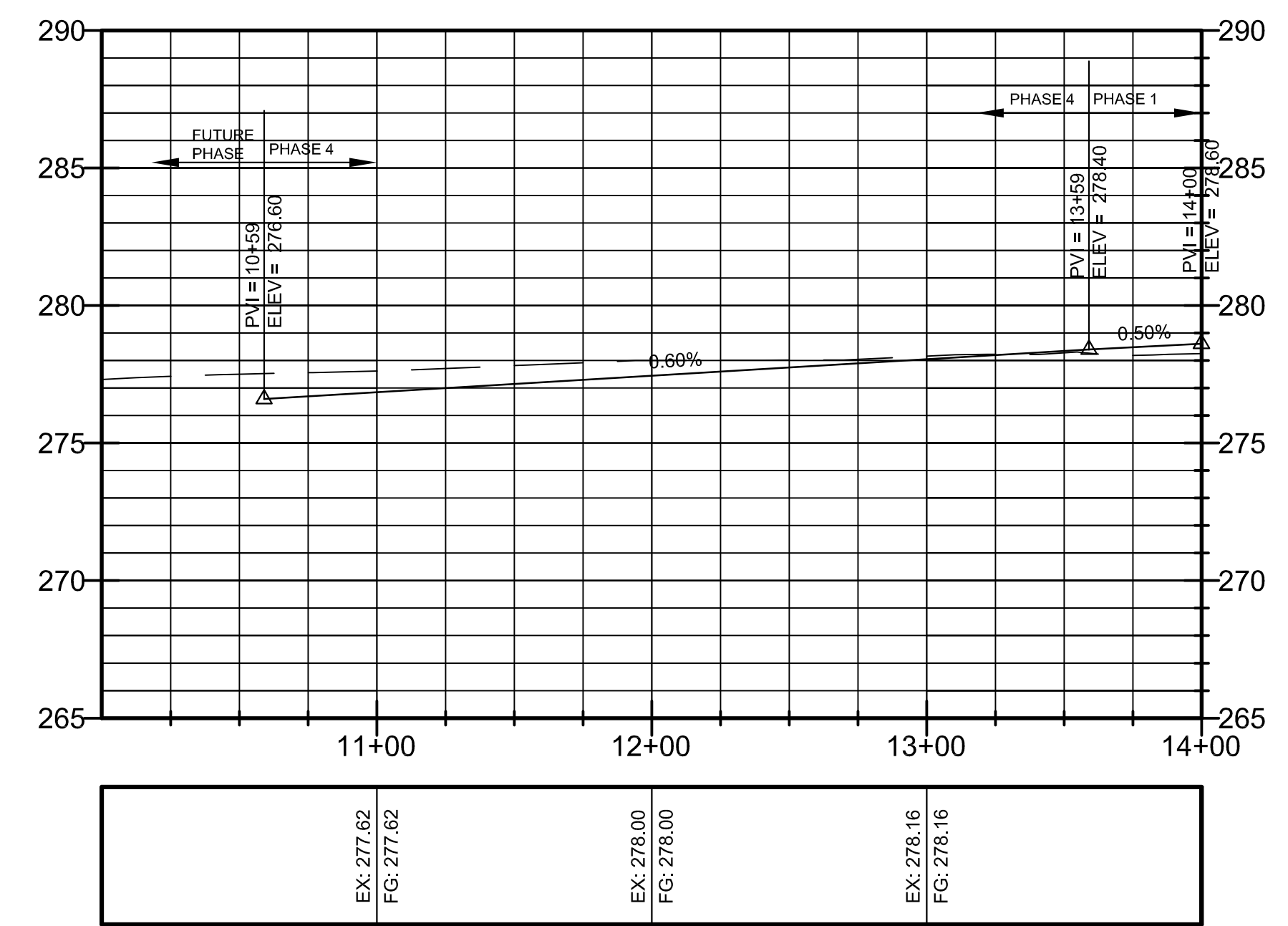
—	CURB
- - -	EXISTING CONTOUR
- - -	PROPOSED CONTOUR
⊕	STORM DRAIN INLET
—	STORM DRAIN PIPE
⊕	BENCHMARK

STR-1



MERRELL ESTATES PHASE IV
JONESBORO, AR
 TOPOGRAPHY, DRAINAGE
 ALAN DRIVE PLAN & PROFILE

DATE: 9/21/12
 REV: 4/30/13
 DRAWN BY: BCM



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

EX: 277.62 FG: 277.62	EX: 278.00 FG: 278.00	EX: 278.16 FG: 278.16
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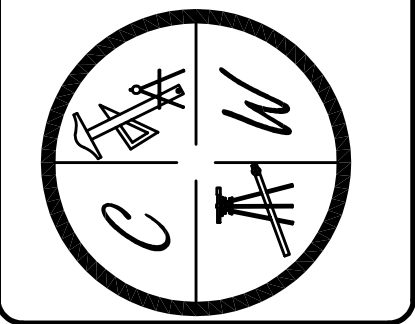
ALAN DRIVE

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

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

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STR-1



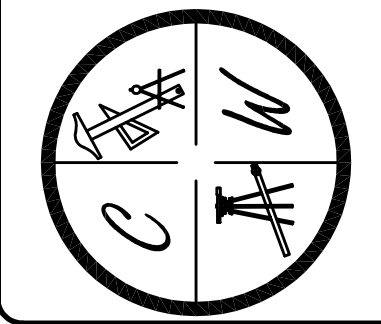
MERRELL ESTATES PHASE V

JONESBORO, AR

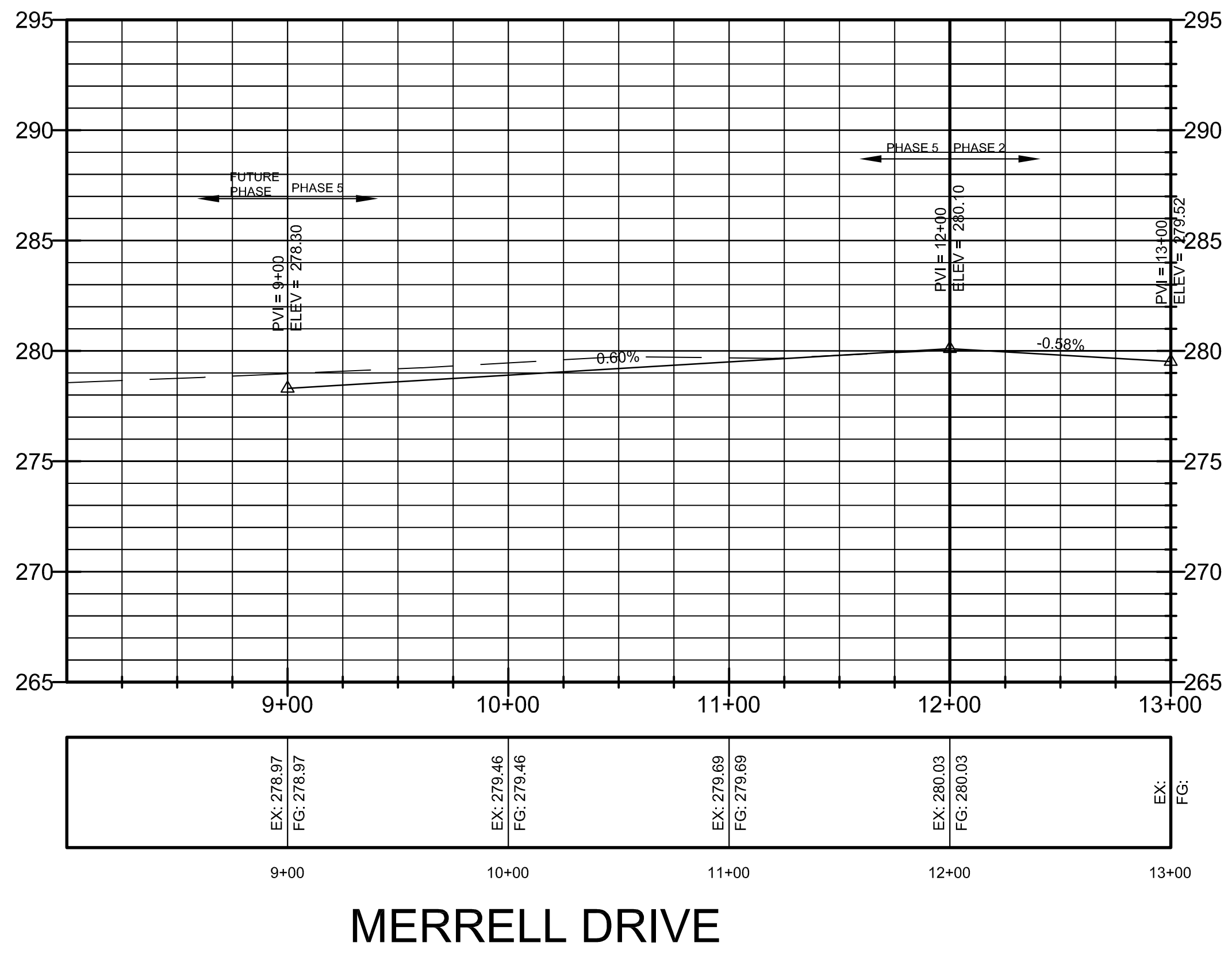
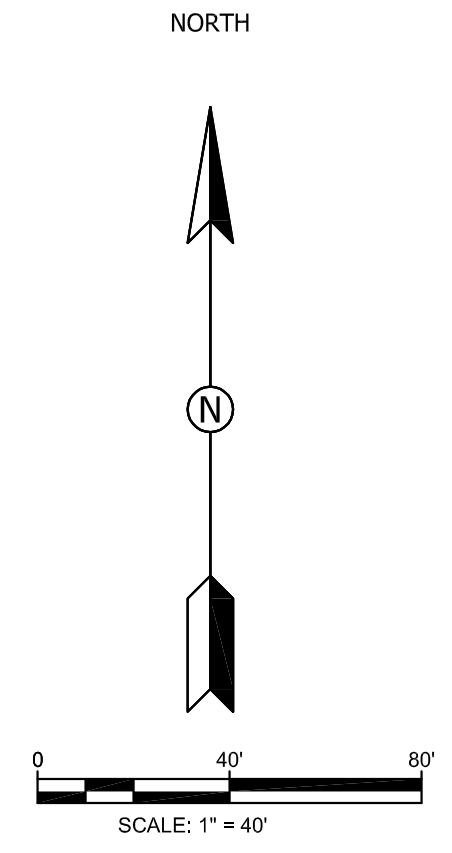
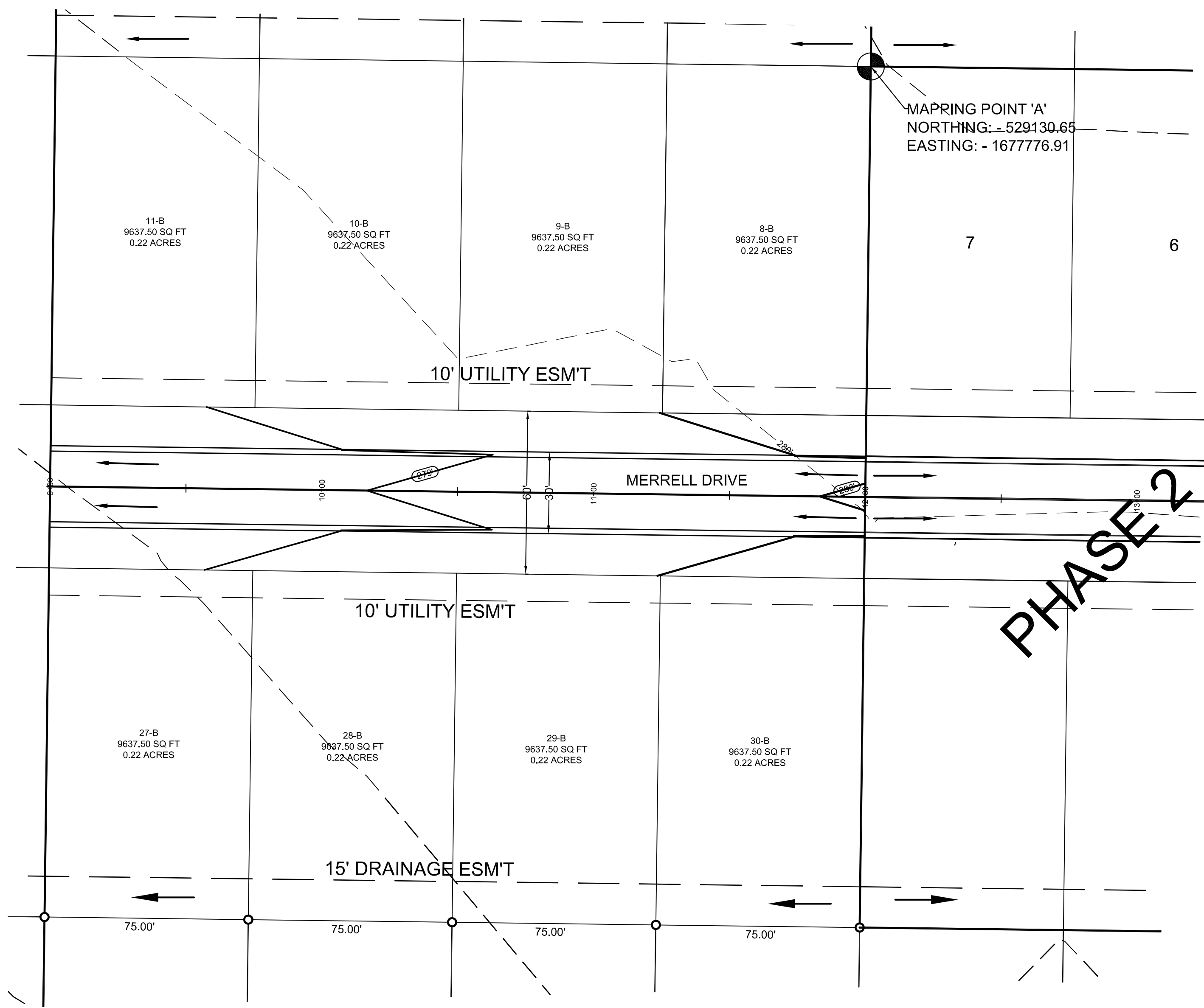
TOPOGRAPHY, DRAINAGE
MERRELL DRIVE PLAN & PROFILE

DATE: 9/21/12
REV: 4/30/13
DRAWN BY: BGM

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

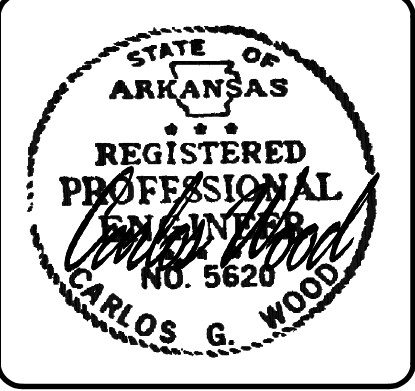


PROFILE SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

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

NOTE:
DEVELOPER SHALL OBTAIN GRADING PERMIT FROM THE
CITY OF JONESBORO ENGINEERING DEPARTMENT PRIOR TO
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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 MONUMENT # 89
• JONESBORO MONUMENT # 43
VERTICAL CONTROL IS NAVD 88
HORIZONTAL CONTROL IS NAD 83

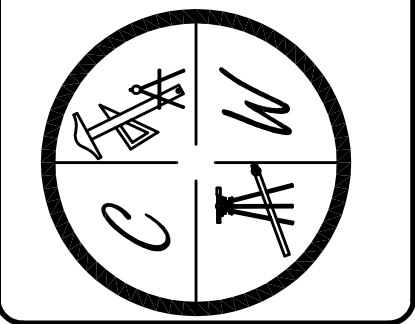


MERRELL ESTATES PHASE VI
 JONESBORO, AR
 TOPOGRAPHY, DRAINAGE
 JULIA DRIVE PLAN & PROFILE

DATE: 9/21/12
 REV: 4/30/13

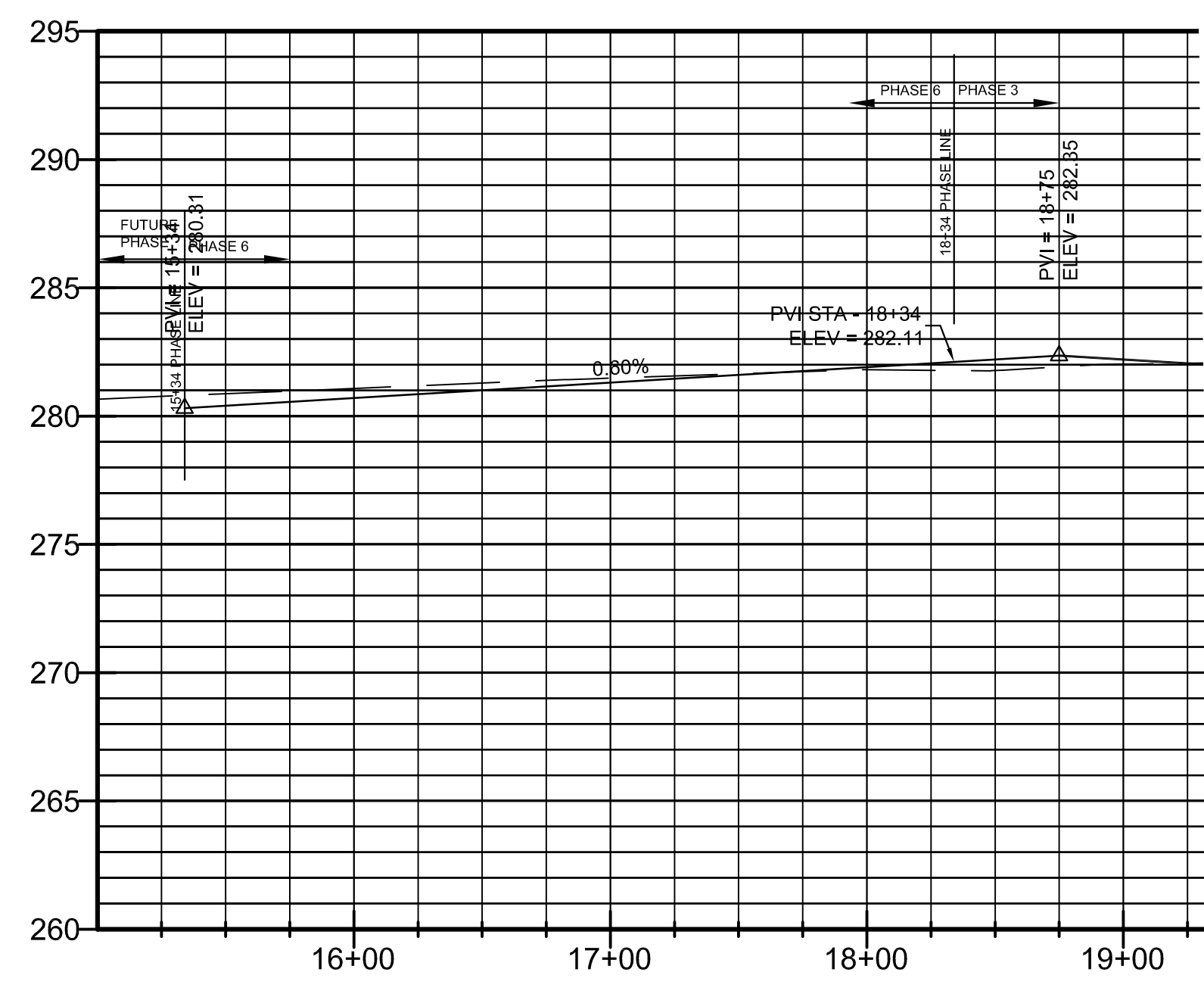
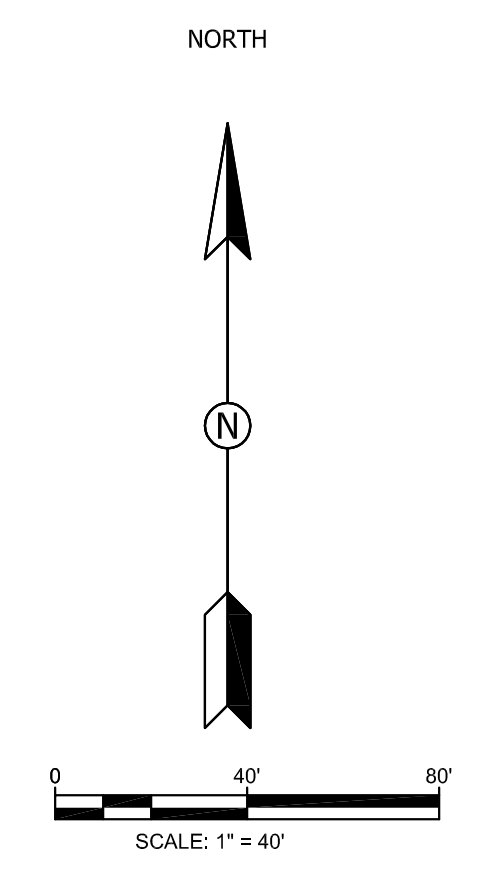
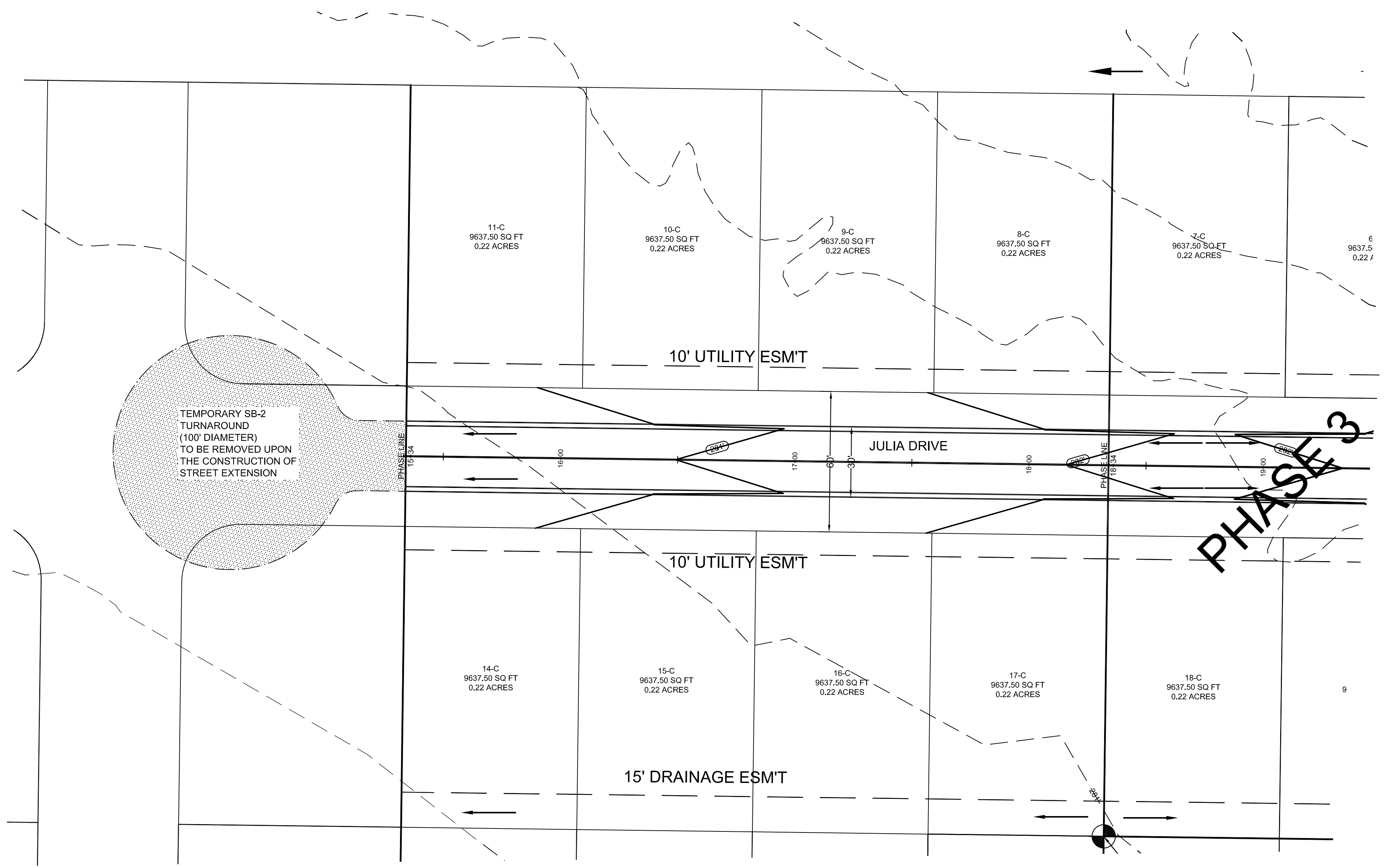
DRAWN BY: BCM

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 WEBSITE: WWW.WOODENGR.COM



LEGEND

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



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

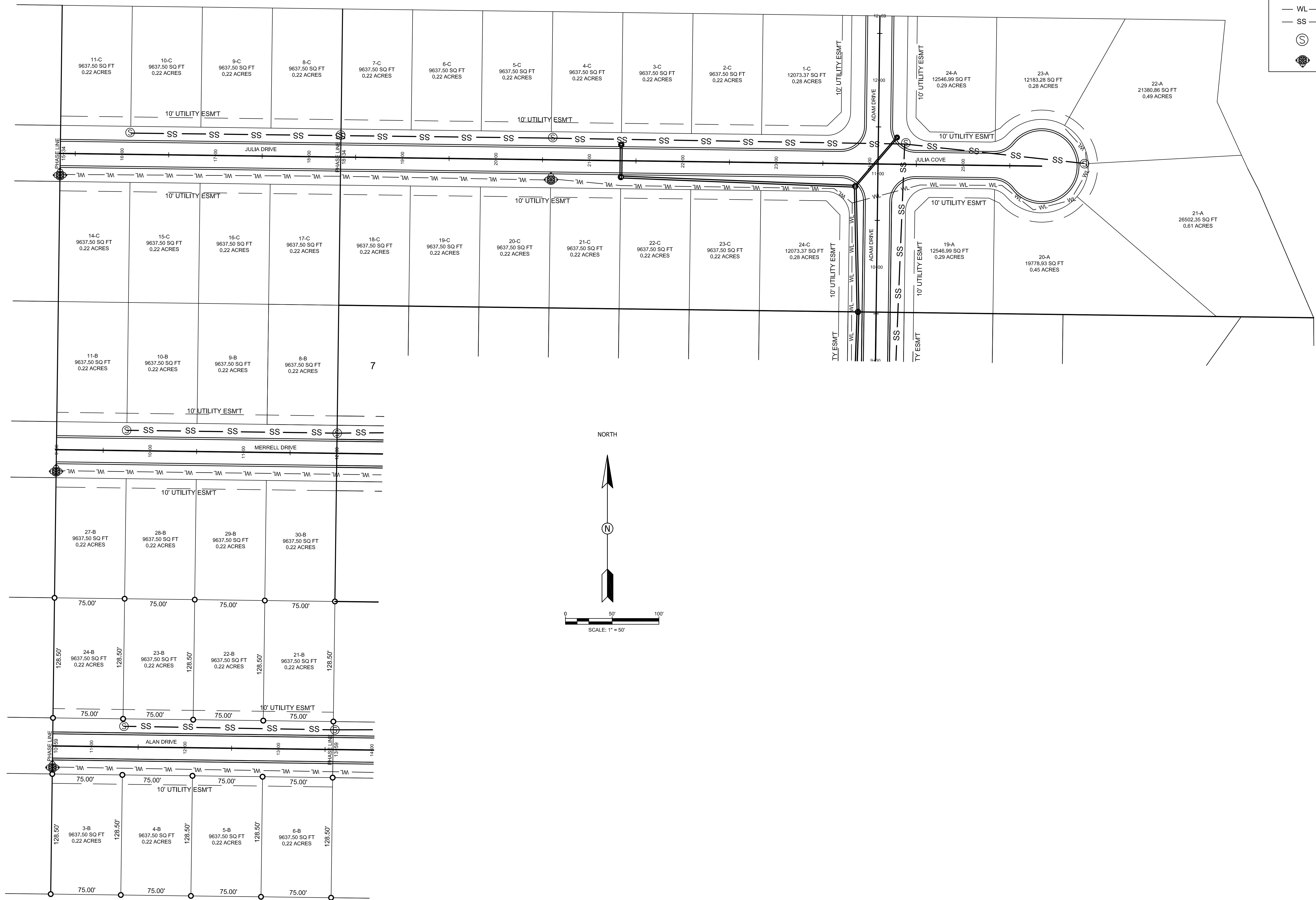
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JULIA DRIVE

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

NOTE:
 DEVELOPER SHALL OBTAIN GRADING PERMIT FROM THE
 CITY OF JONESBORO ENGINEERING DEPARTMENT PRIOR TO
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 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 MONUMENT # 89
 • JONESBORO MONUMENT # 43
 VERTICAL CONTROL IS NAVD 88
 HORIZONTAL CONTROL IS NAD 83



LEGEND

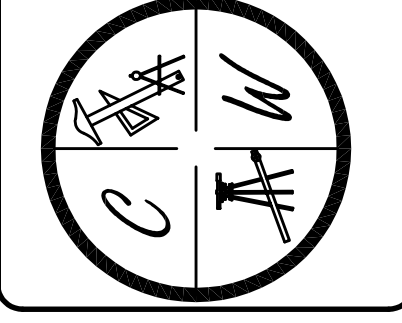
- CURB
- WL — WATER LINE
- SS — SANITARY SEWER LINE
- ⊙ SANITARY SEWER MANHOLE
- ⊕ FIRE HYDRANT

UTIL-1

MERRELL ESTATES PHASE III, IV, V, & VI
JONESBORO, AR
 UTILITY PLAN

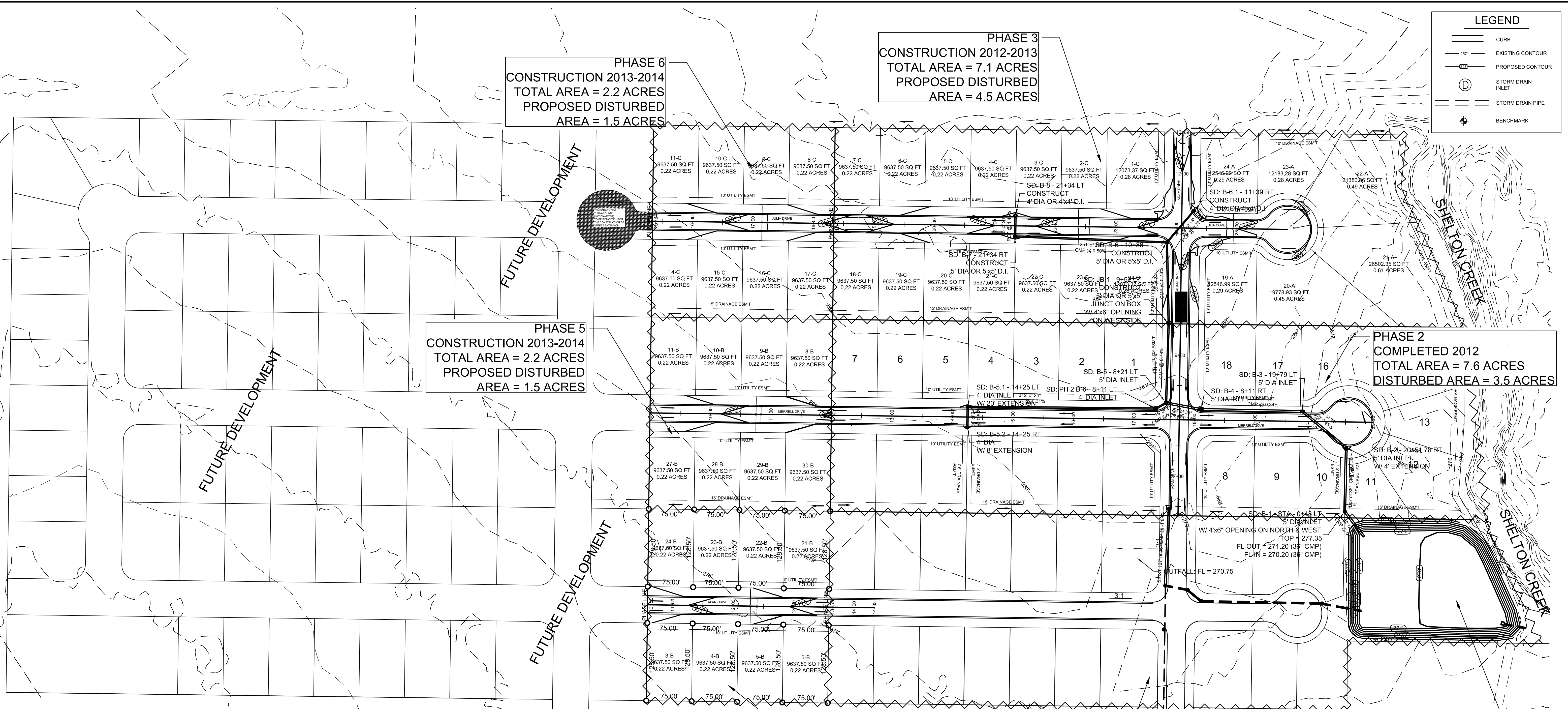
DATE: 9/21/12
 REV: 4/30/13
 DRAWN BY: BCM

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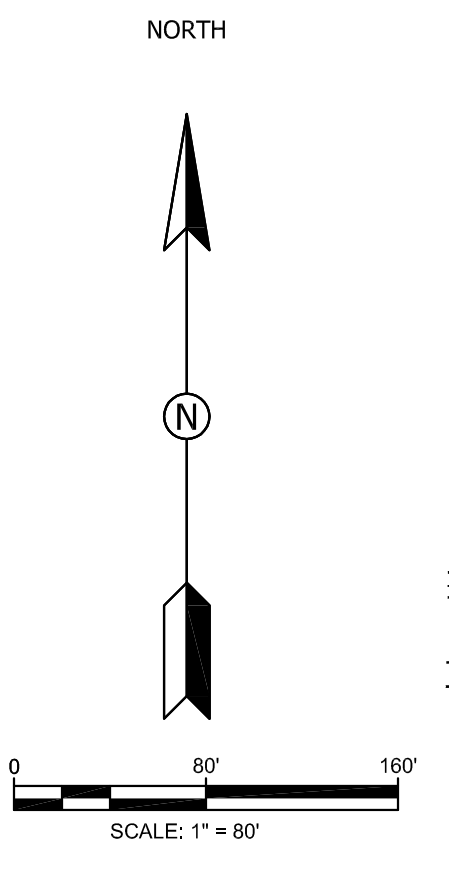


LEGEND

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



- 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.
 - TOTAL AREA = 28.9 ACRES, DISTURBED AREA = 12.5 ACRES, FUTURE DEVELOPMENT = 23.0 ACRES



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.

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

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

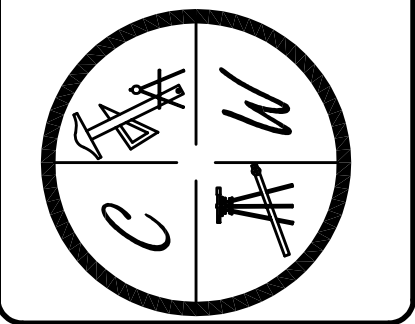
PROFESSIONAL PLAN CERTIFICATION:
 I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that all qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, I am aware that there are no significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

PRINTED NAME: _____ PRINTED TITLE: _____
 SIGNATURE: _____ DATE: _____

MERRELL ESTATES PHASE III, IV, V, & VI
 JONESBORO, AR
 OVERALL SEDIMENT & EROSION CONTROL MAP

DATE: 9/21/12
 REV: 4/30/13
 DRAWN BY: BCM

CARLOS WOOD, P.E.
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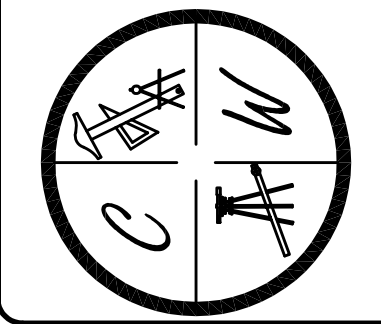


MERRELL ESTATE PHASE III, IV, V, & VI
JONESBORO, AR
 SEDIMENT & EROSION CONTROL MAP

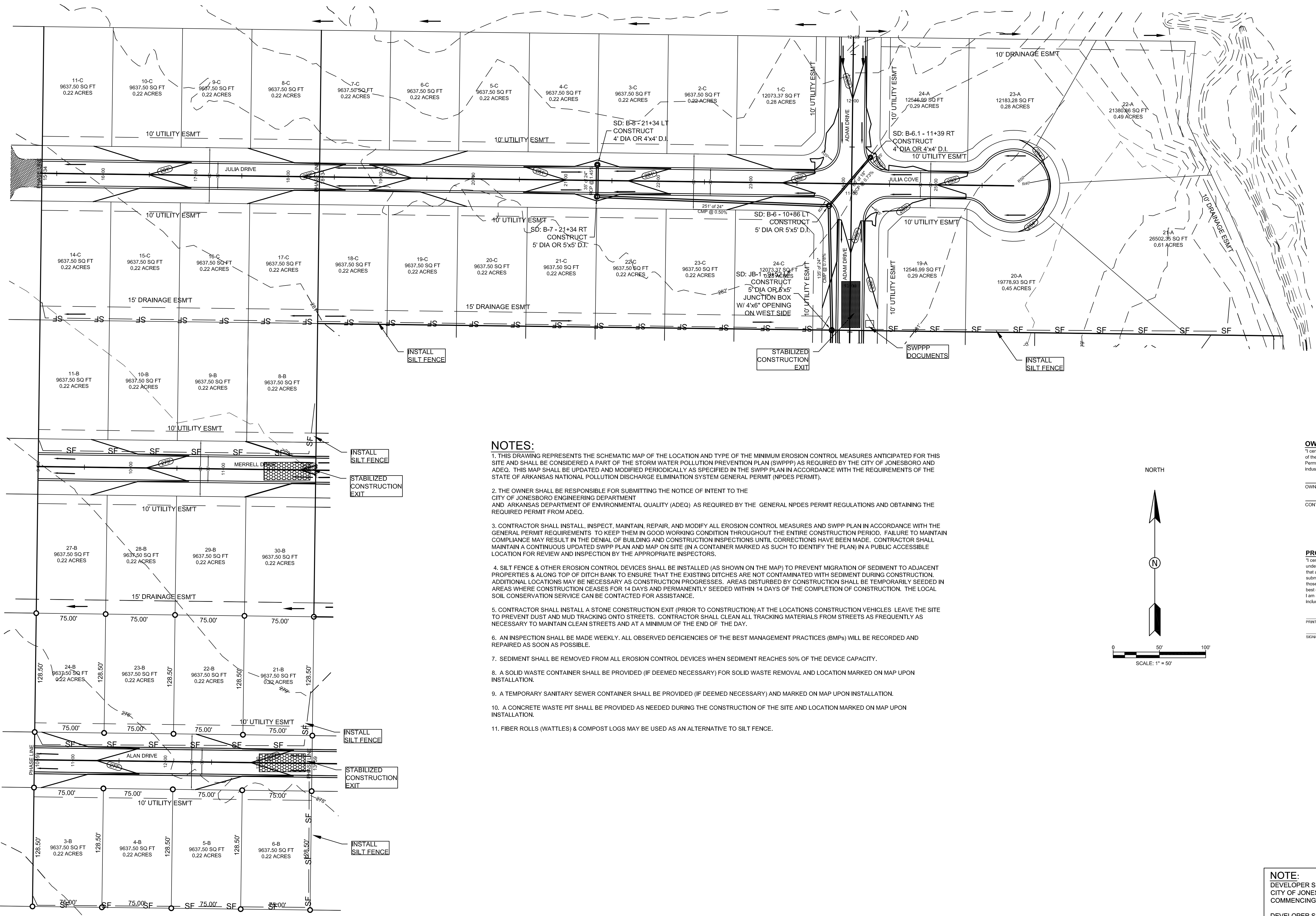
DATE: 9/21/12
 REV: 4/30/13

DRAWN BY: BCM

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



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 (IF DEEMED NECESSARY) FOR SOLID WASTE REMOVAL AND LOCATION MARKED ON MAP UPON INSTALLATION.
- A TEMPORARY SANITARY SEWER CONTAINER SHALL BE PROVIDED (IF DEEMED NECESSARY) AND MARKED ON MAP UPON INSTALLATION.
- A CONCRETE WASTE PIT SHALL BE PROVIDED AS NEEDED DURING THE CONSTRUCTION OF THE SITE AND LOCATION MARKED ON MAP UPON INSTALLATION.
- FIBER ROLLS (WATTLES) & COMPOST LOGS MAY BE USED AS AN ALTERNATIVE TO SILT FENCE.

OWNER / CONTRACTOR CERTIFICATION:

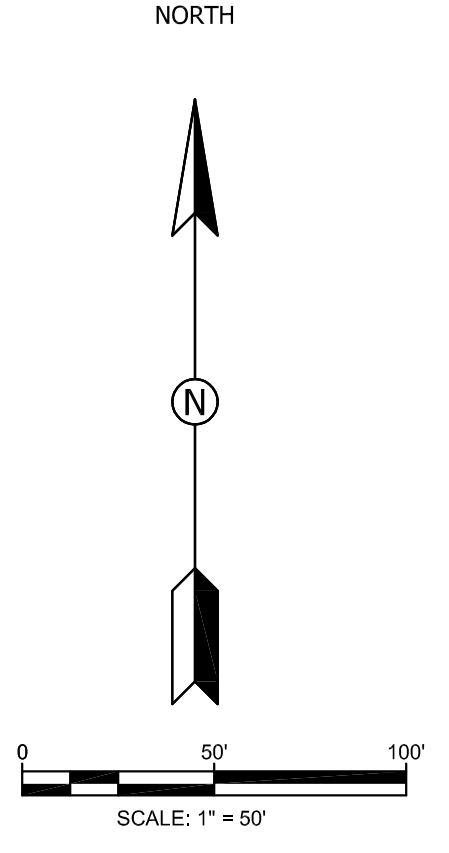
I certify under penalty of law that I understand the term and conditions of the General National Pollutant Discharge Elimination System (NPDES) Permit that authorizes the storm water discharges associated with the industrial activity from the construction site identified as part of this certification.

OWNER _____ DATE _____
 CONTRACTOR _____ DATE _____

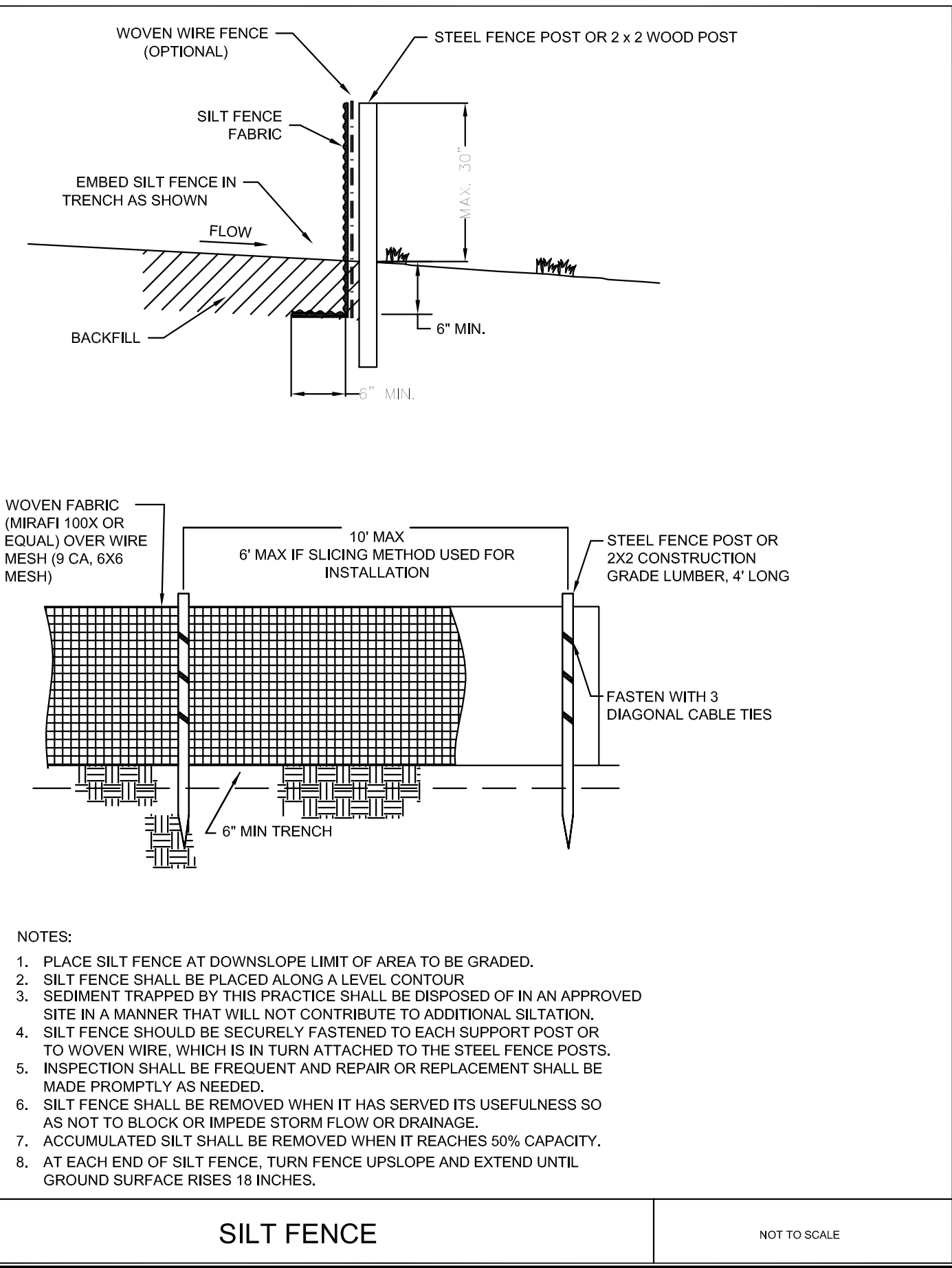
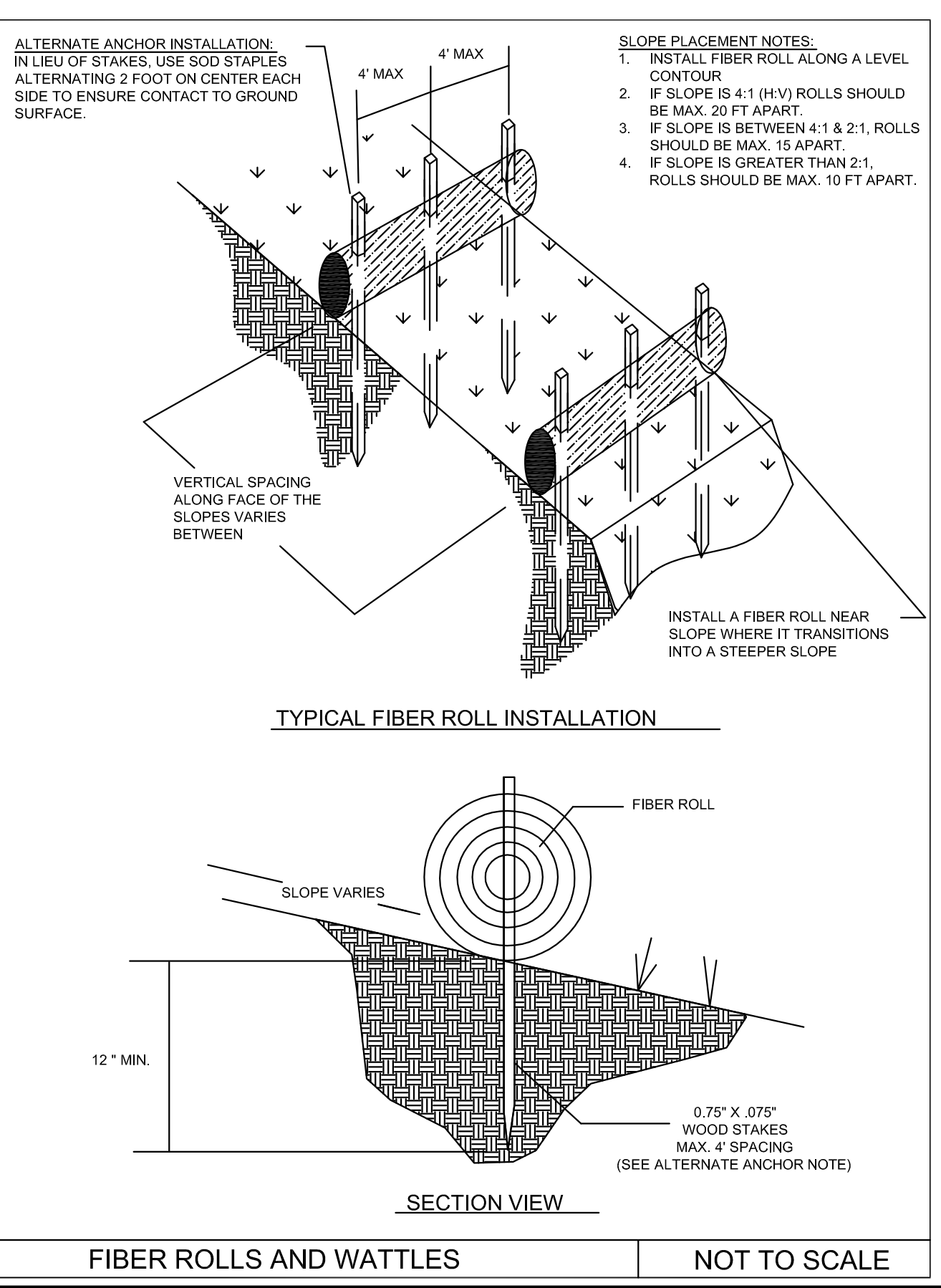
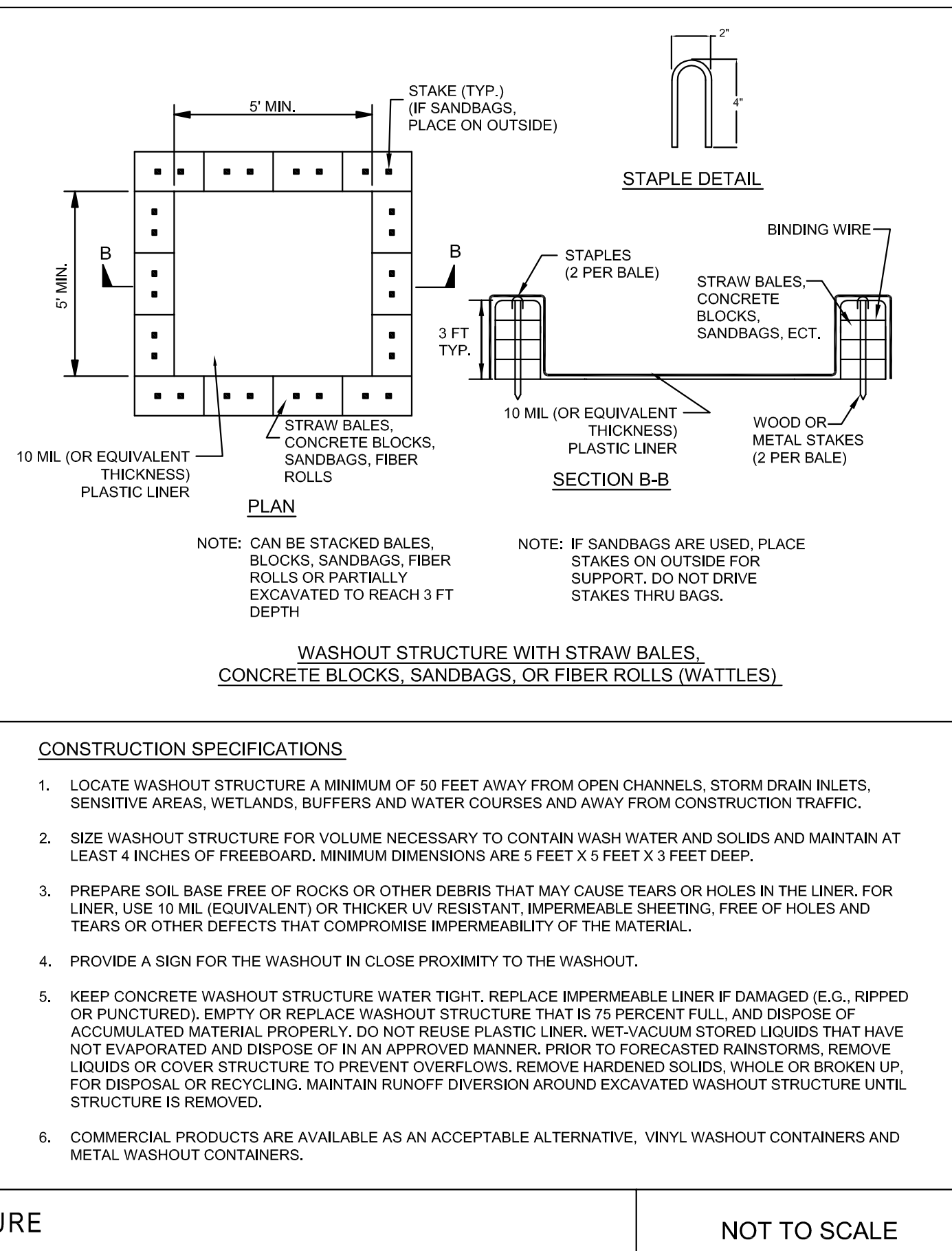
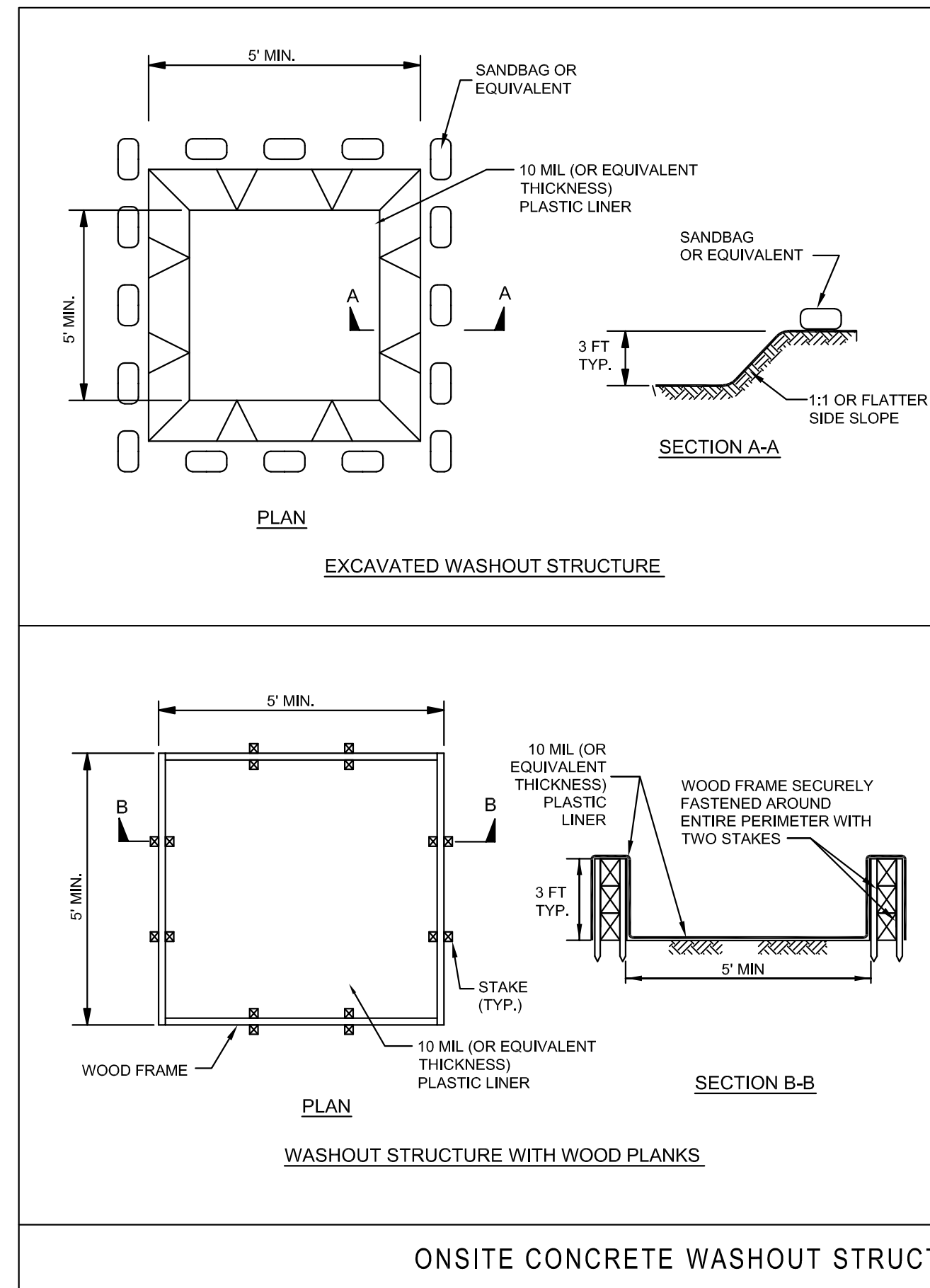
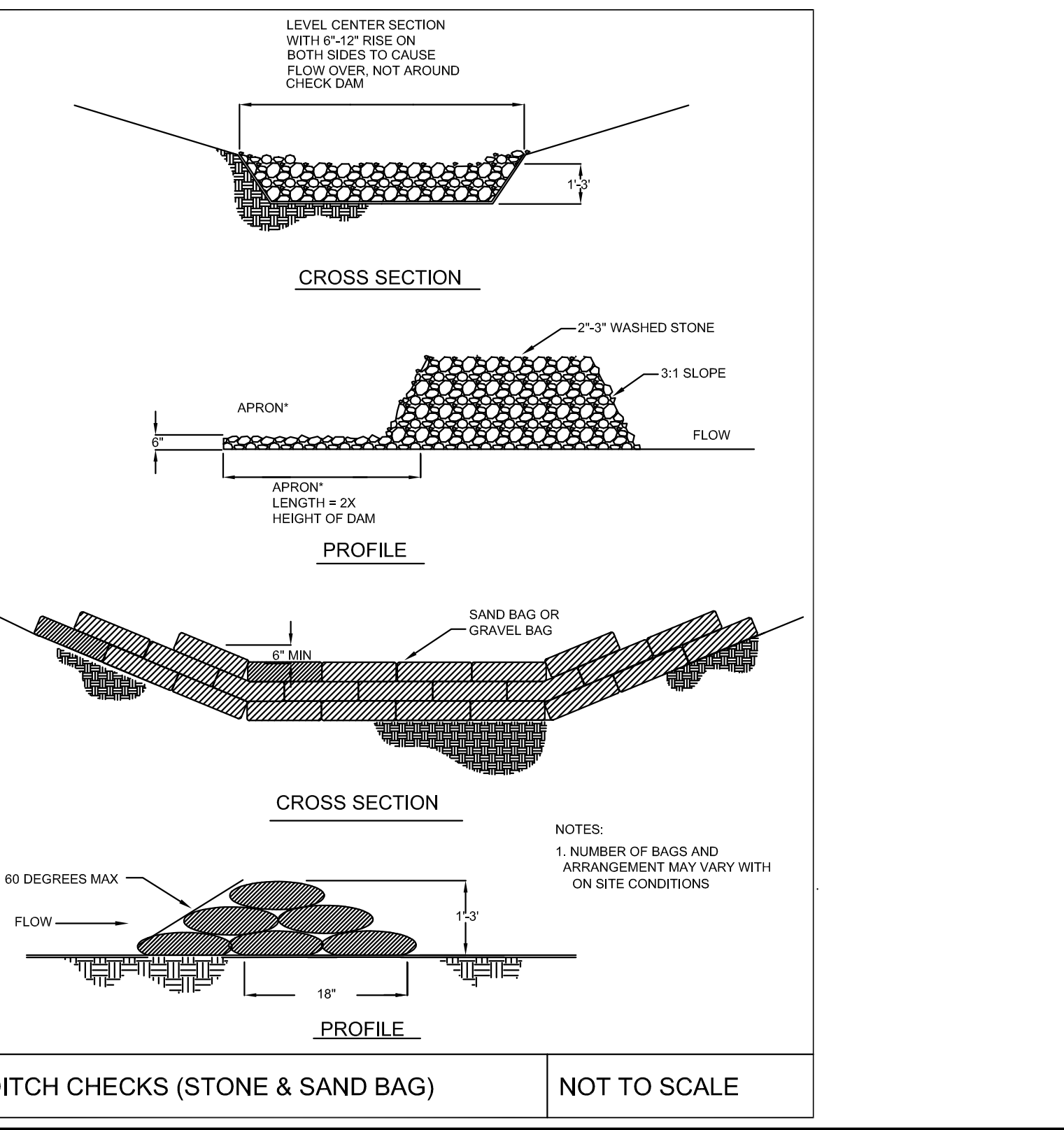
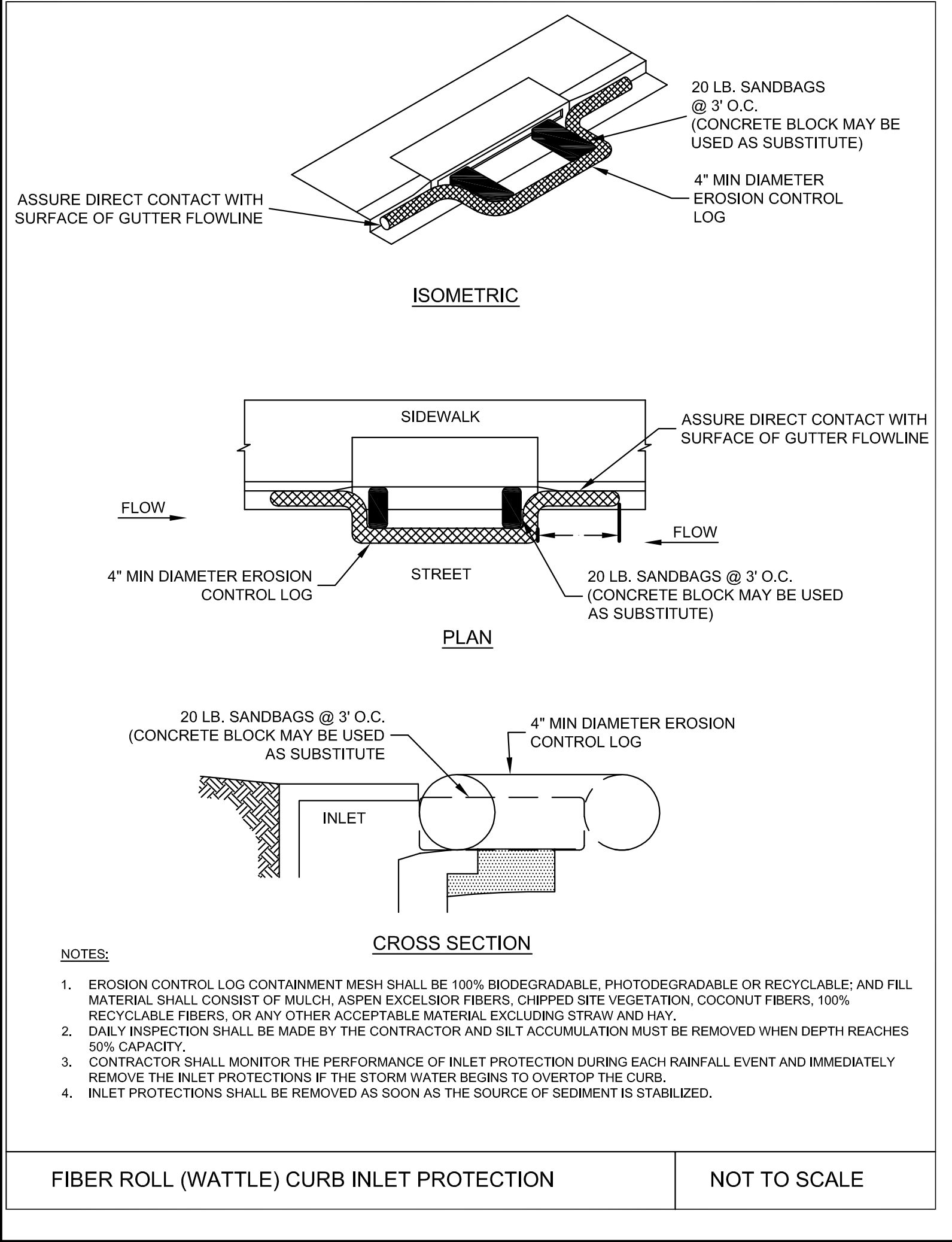
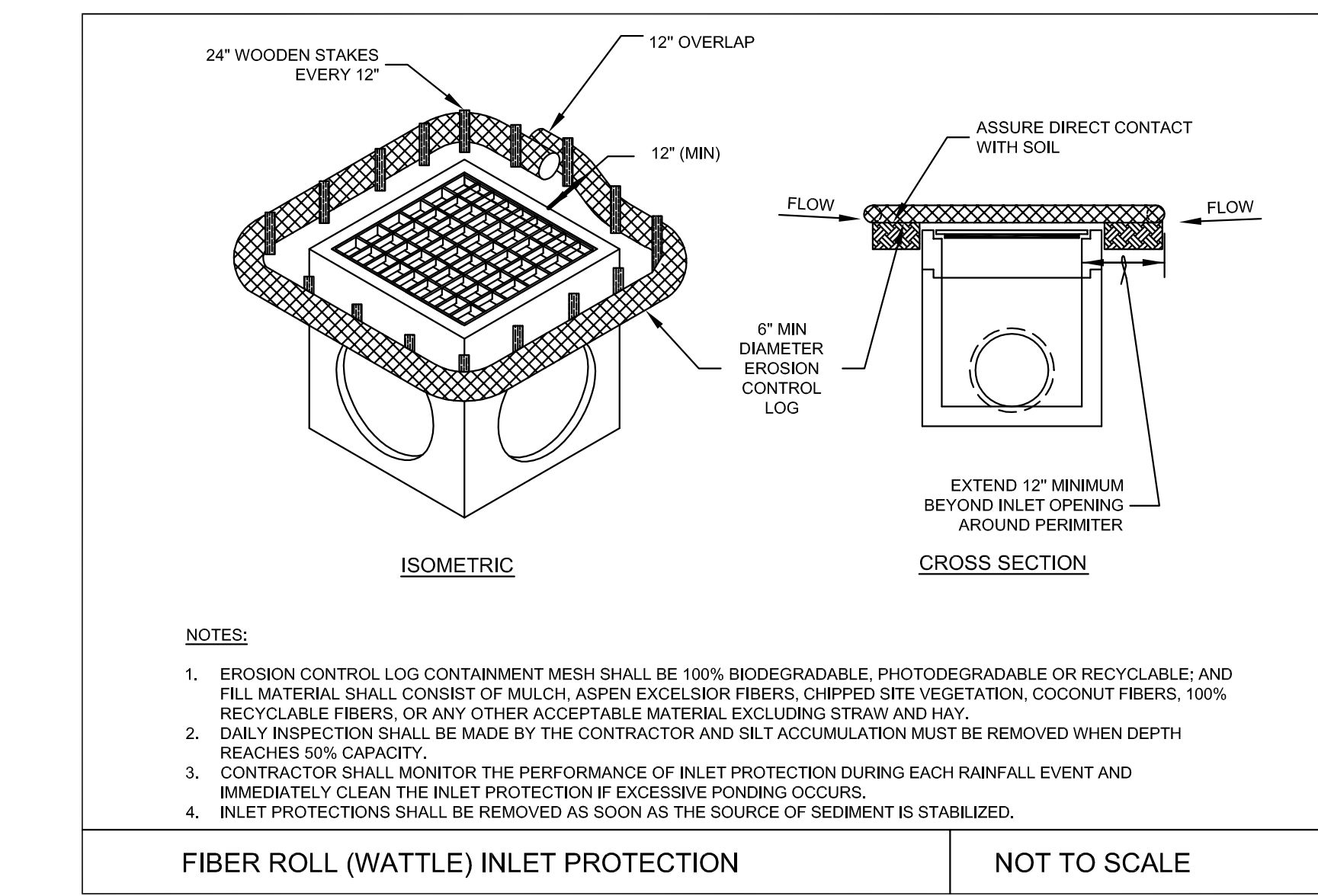
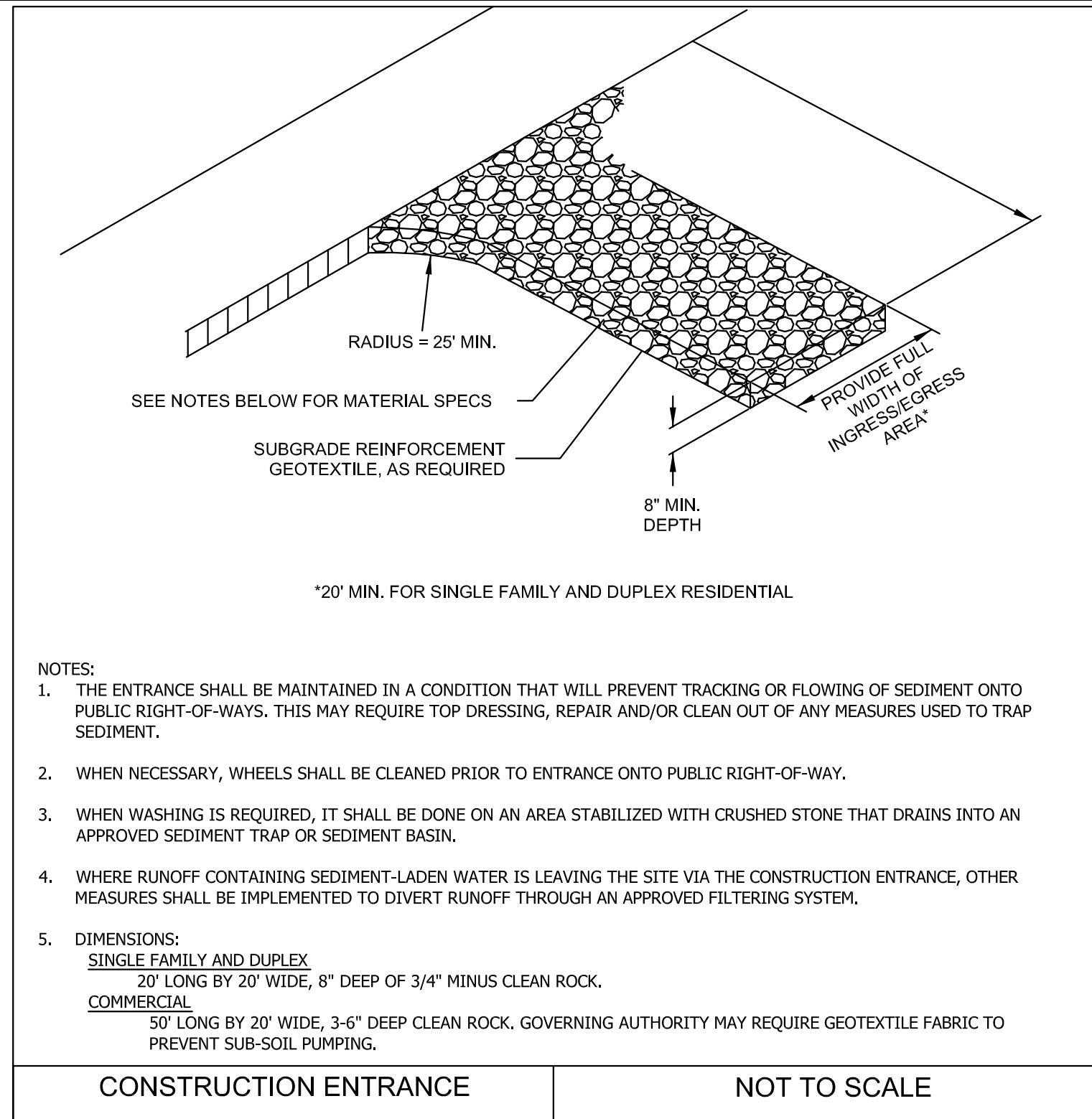
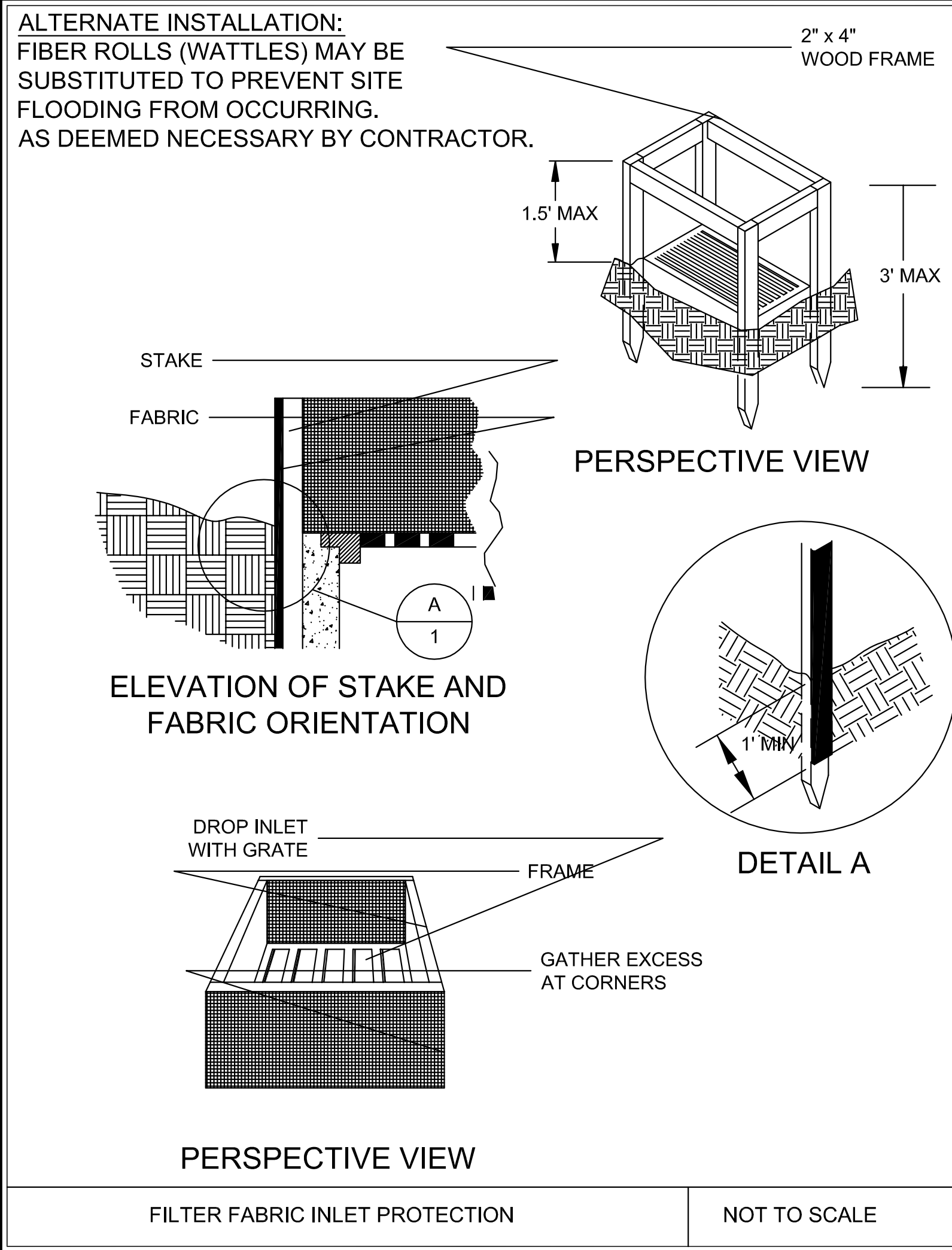
PROFESSIONAL PLAN CERTIFICATION:

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 is, to the best of my knowledge an 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 violations.

PRINTED NAME: _____ PRINTED TITLE: _____
 SIGNATURE: _____ DATE: _____



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.



SECM-3



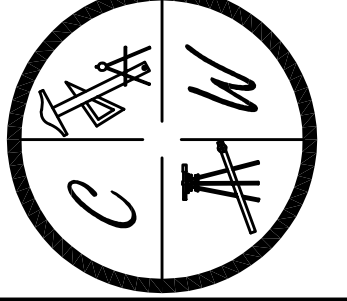
MERRELL ESTATES PHASE III, IV, V, & VI
JONESBORO, AR

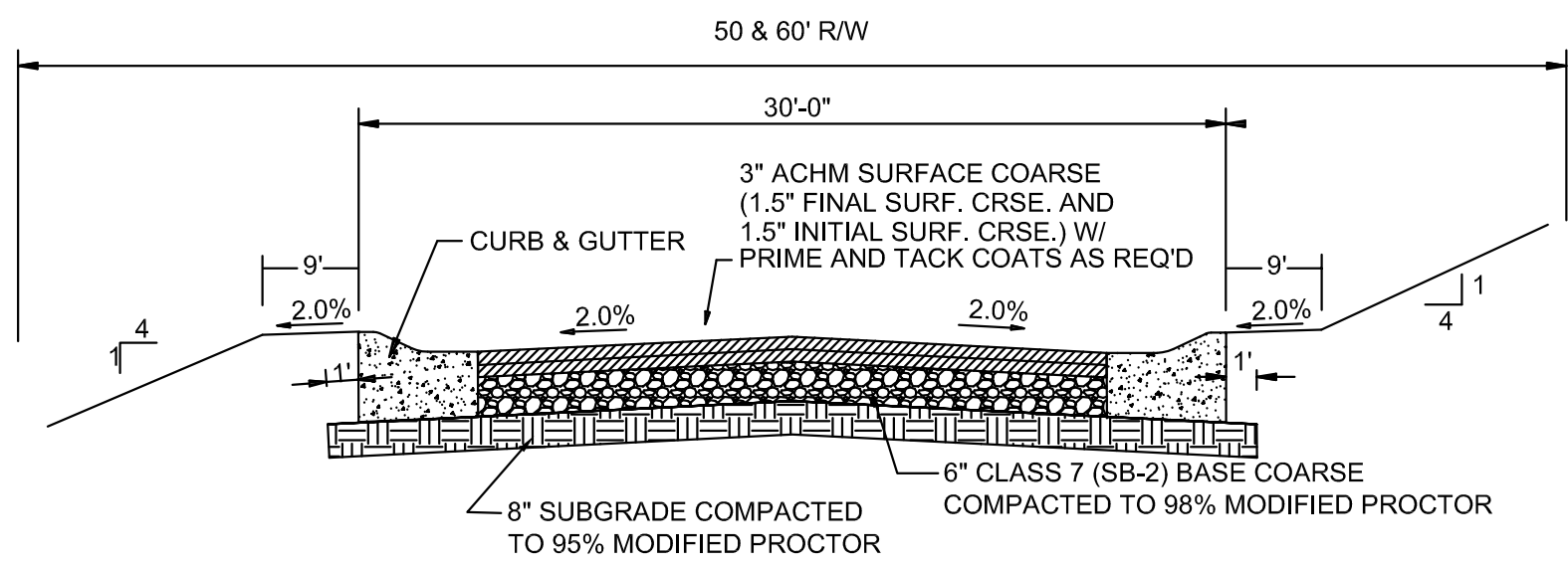
SEDIMENT & EROSION CONTROL DETAILS

DATE: 9/21/12
REV: 4/30/13

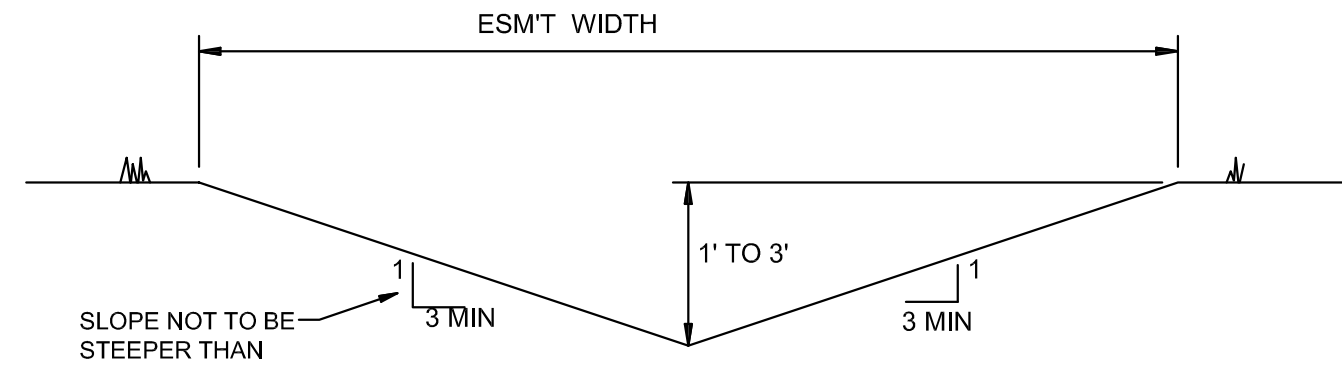
DRAWN BY: BCM

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WEBSITE: WWW.WOODENGR.COM

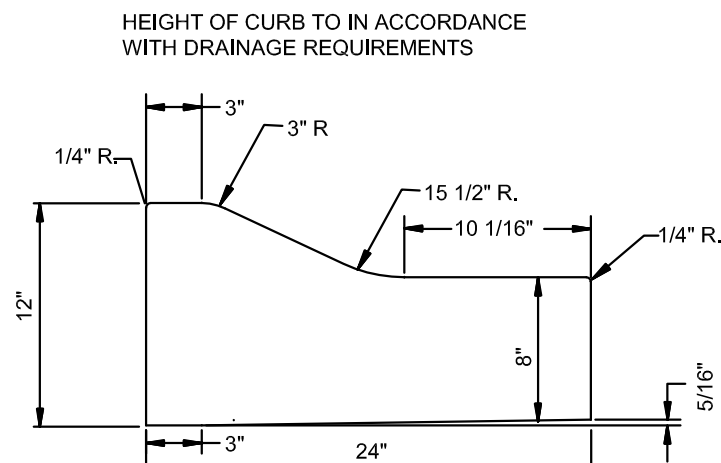




TYPICAL SECTION - INTERIOR STREETS
N.T.S.

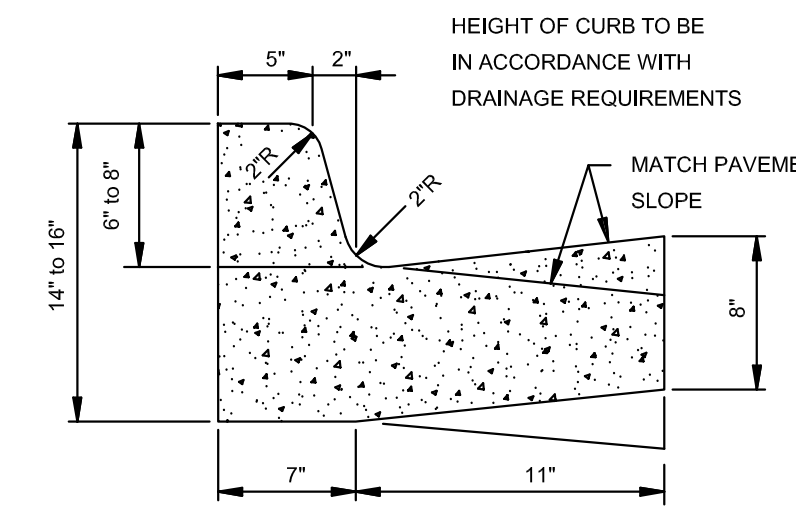


'A' TYPICAL DITCH DETAIL
N.T.S.

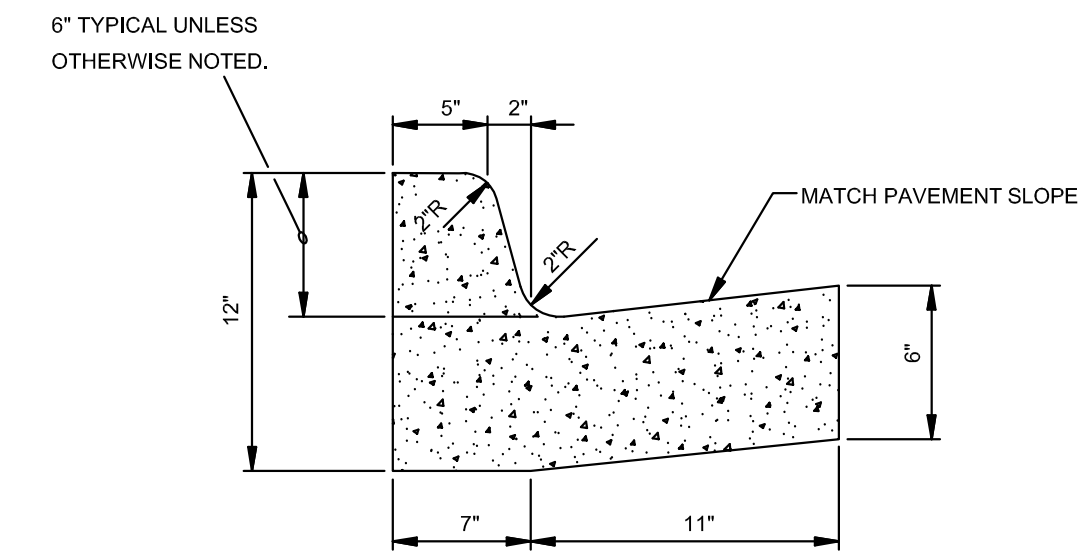


TYPE 'B' CURB & GUTTER
N.T.S.

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



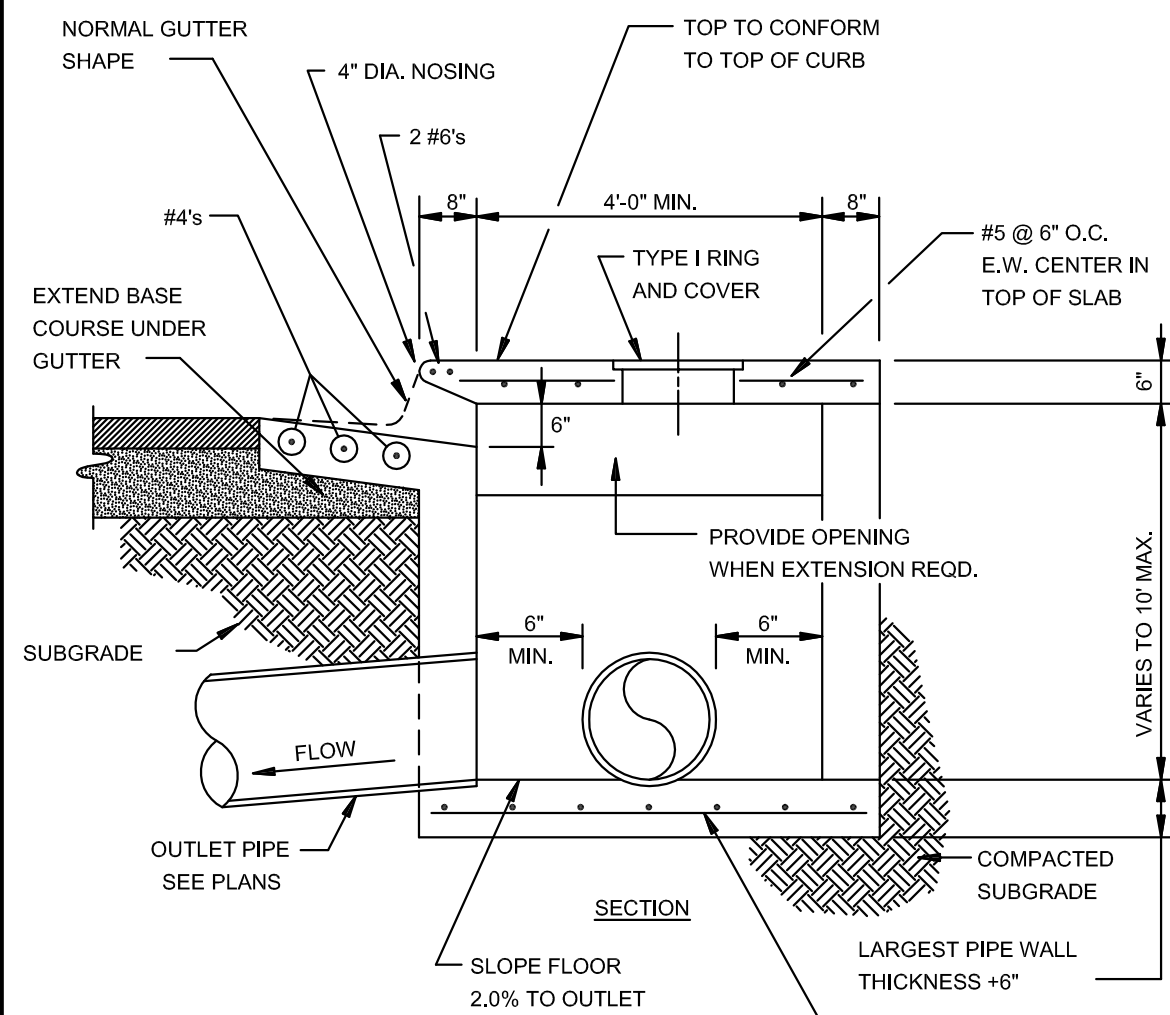
TYPE 'A-18' (BARRIER) ARTERIAL STREETS



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

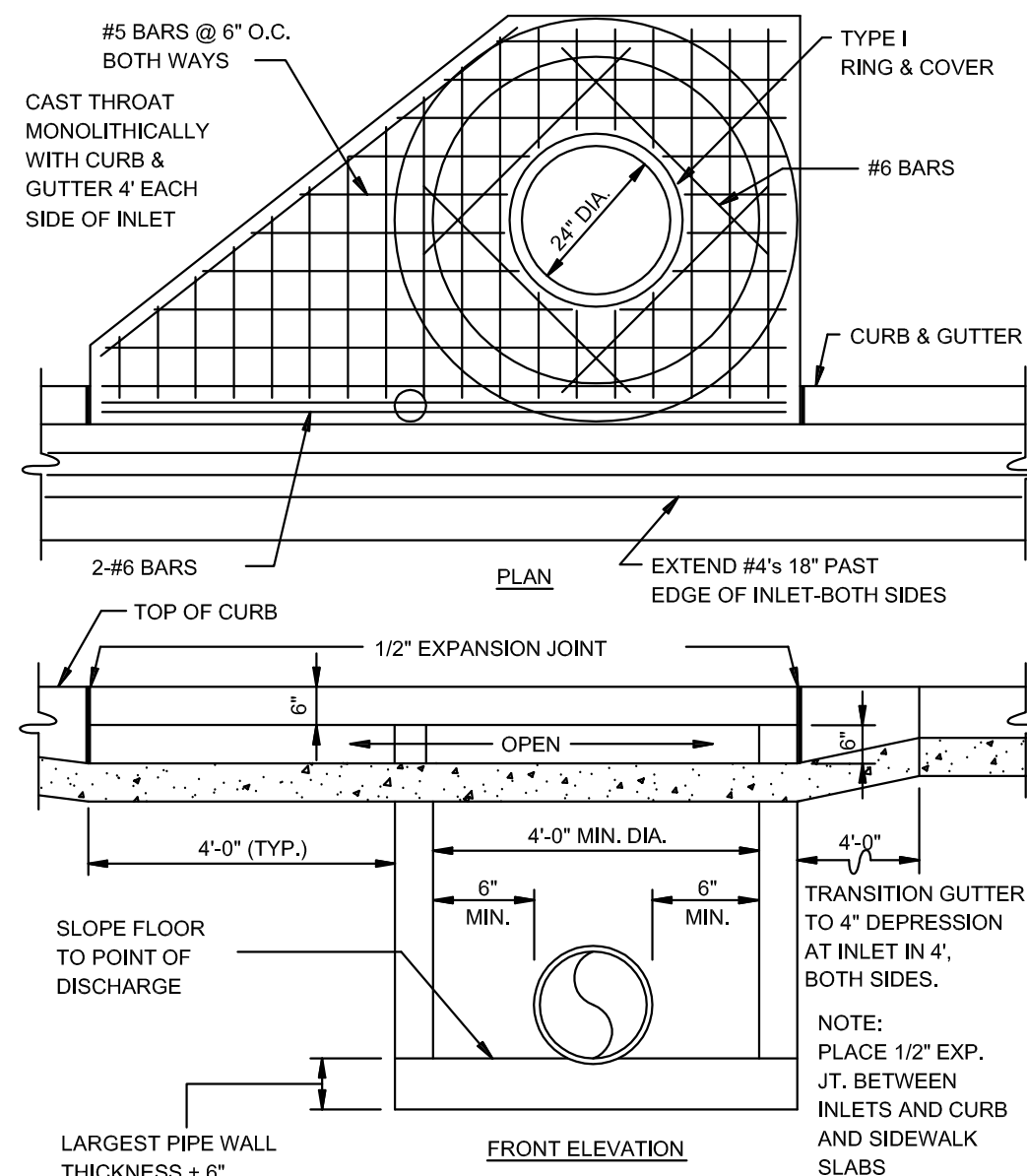
COMBINATION CURB & GUTTER
N.T.S.

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

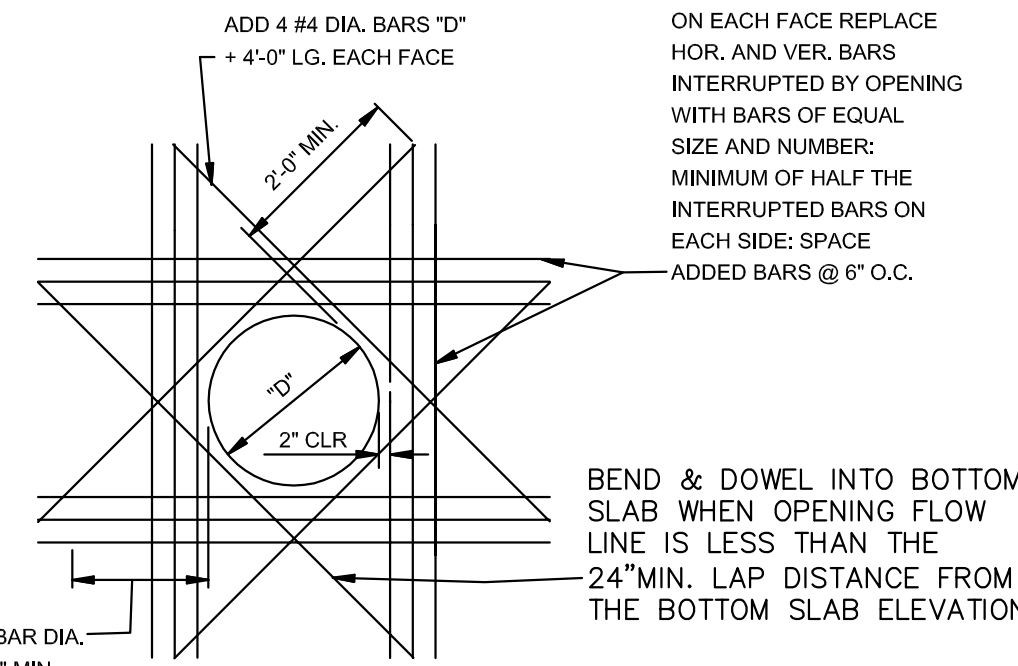


SECTION - CIRCULAR CURB INLET
N.T.S.

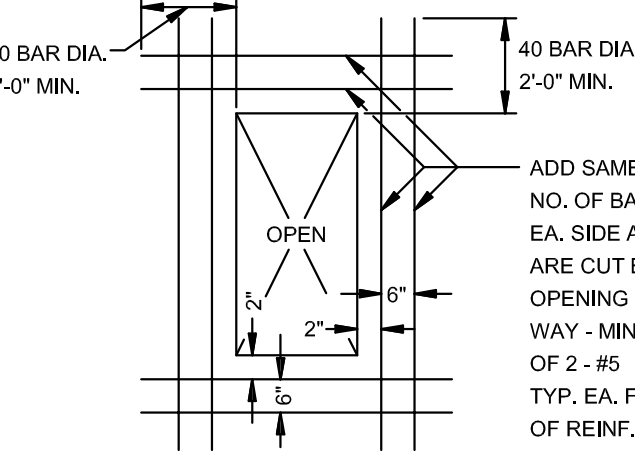
NOTE: INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED AT 15" O.C. - MANHOLE FRAME AND COVER SHALL BE PLACED ADJACENT TO THE WALL WITH THE STEPS.



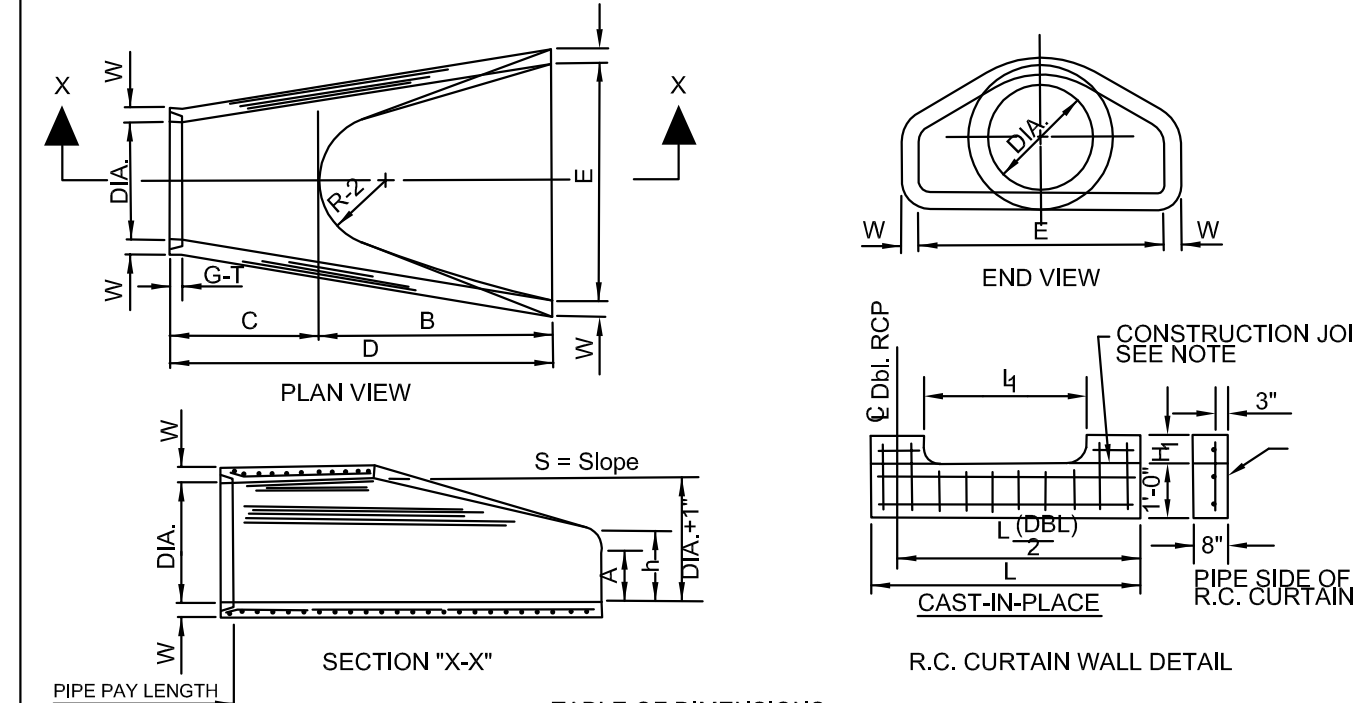
CIRCULAR CURB INLET W/ INLET EXTENSION
N.T.S.



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



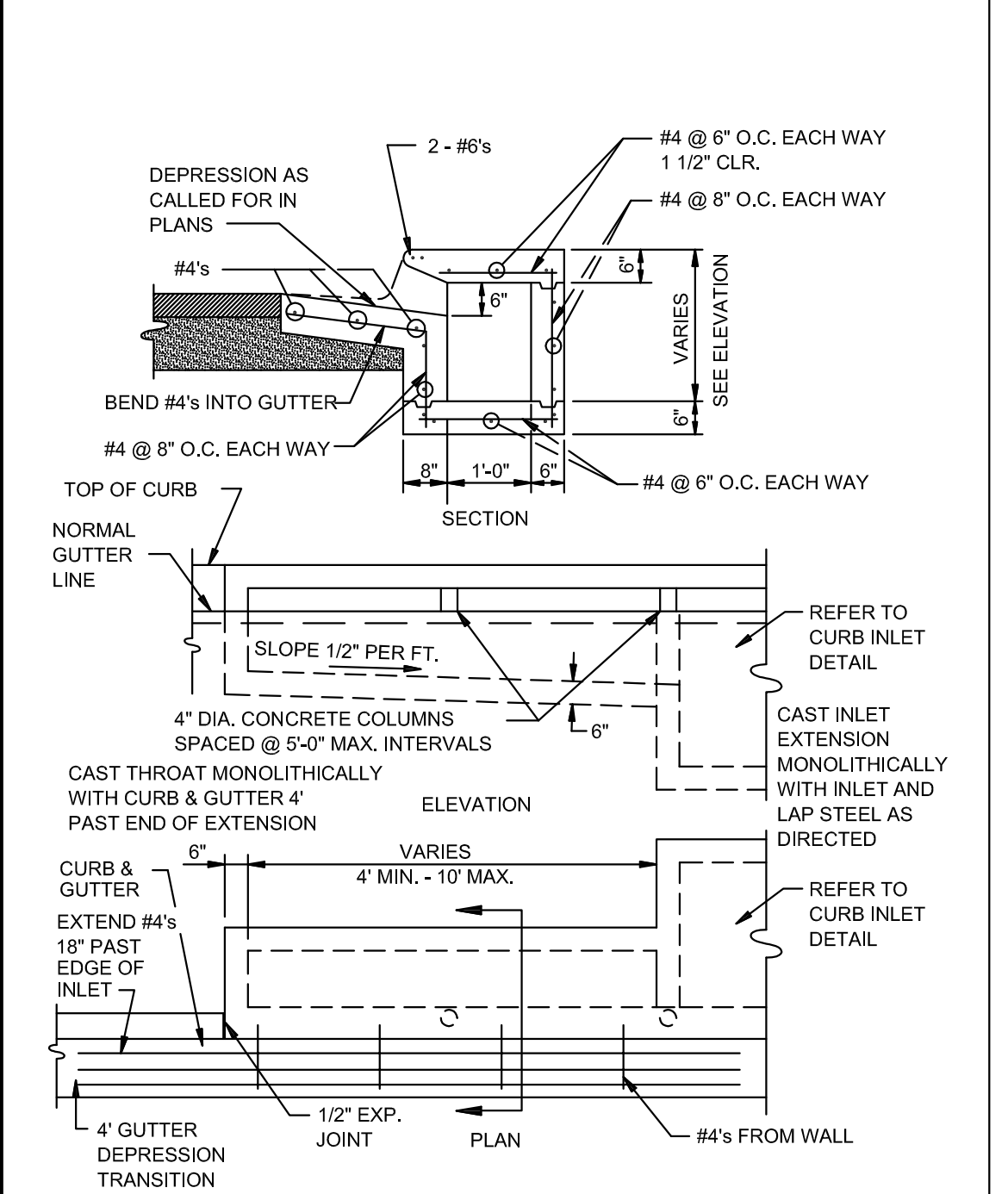
ADDED REINFORCEMENT AT RECTANGULAR OPENING IN WALL OR SLAB
N.T.S.



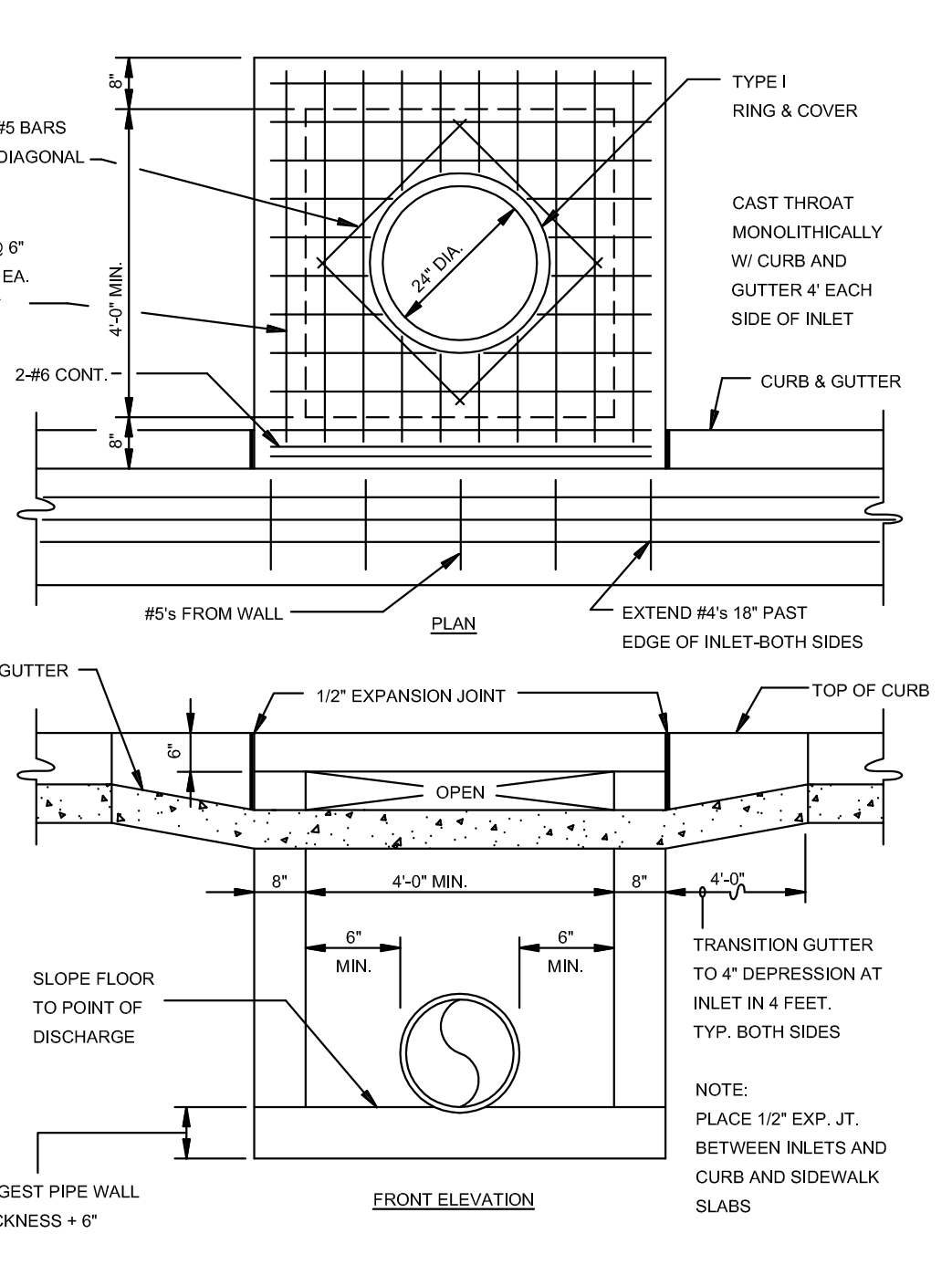
DIA. WALL	TABLE OF DIMENSIONS										
	A	B	C	D	E	S DIA. ±1"	P	R.1	R.2	G.Y.	
18"	2 1/2"	9"	2 1/2"	3'-10"	6'-1"	2'-0"	3'-1"	35"	56"	15 1/2"	22"
24"	3 1/2"	12"	3 1/2"	4'-4"	7'-8 1/4"	2'-0"	3'-1"	37"	70"	18 1/2"	24"
30"	4 1/2"	15"	4 1/2"	5'-0"	9'-3 3/4"	2'-0"	3'-1"	39"	102"	21 1/2"	26"
36"	5 1/2"	18"	5 1/2"	5'-6"	11'-0"	2'-0"	3'-1"	41"	124"	24 1/2"	28"
42"	6 1/2"	21"	6 1/2"	6'-0"	12'-6"	2'-0"	3'-1"	43"	146"	27 1/2"	30"
48"	7 1/2"	24"	7 1/2"	6'-6"	14'-0"	2'-0"	3'-1"	45"	168"	30 1/2"	32"
54"	8 1/2"	27"	8 1/2"	7'-0"	15'-6"	2'-0"	3'-1"	47"	190"	33 1/2"	34"
60"	9 1/2"	30"	9 1/2"	7'-6"	17'-0"	2'-0"	3'-1"	49"	212"	36 1/2"	36"
66"	10 1/2"	33"	10 1/2"	8'-0"	18'-6"	2'-0"	3'-1"	51"	234"	39 1/2"	38"
72"	11 1/2"	36"	11 1/2"	8'-6"	20'-0"	2'-0"	3'-1"	53"	256"	42 1/2"	40"

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 6" 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.

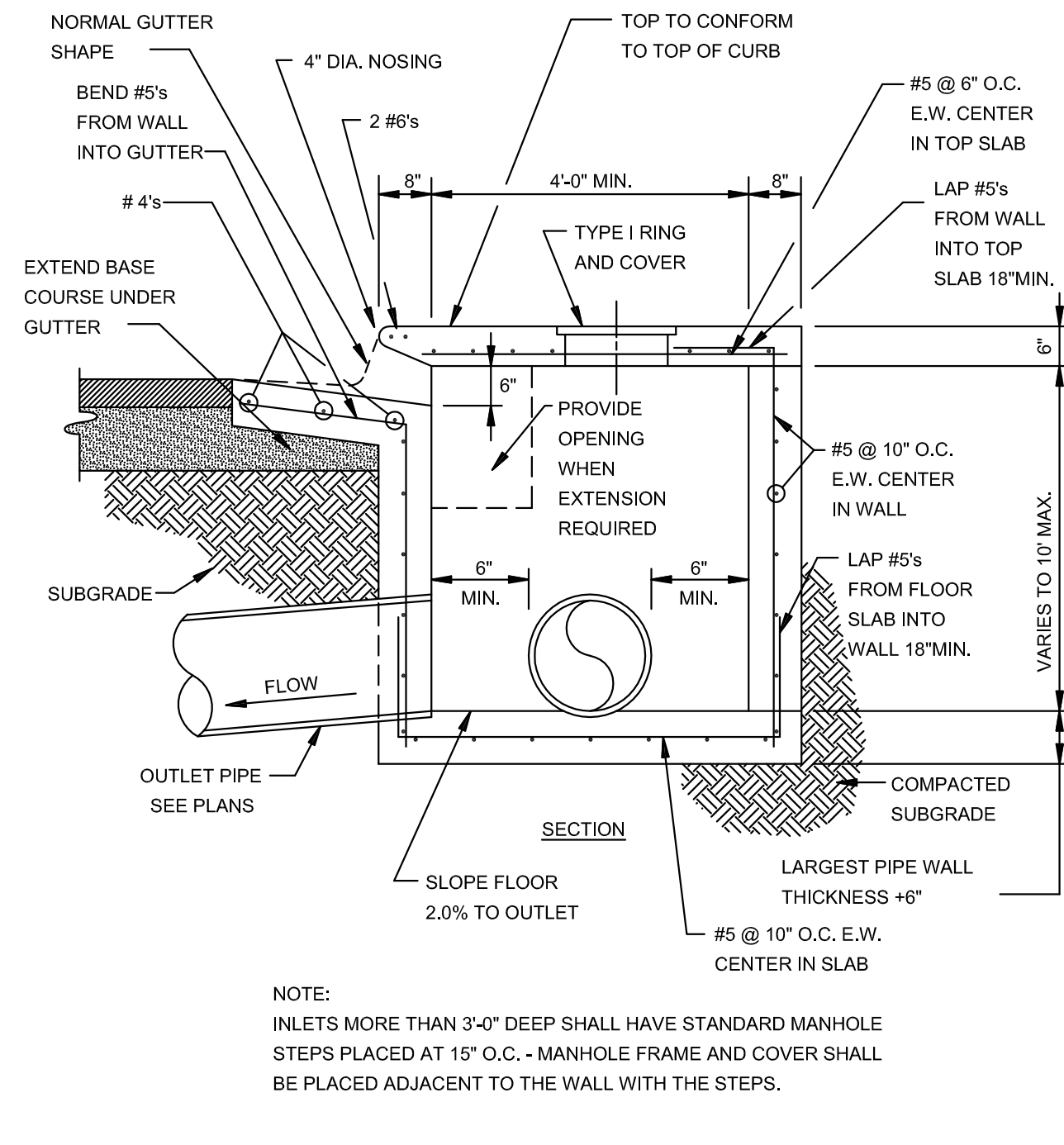
FLARED END SECTION DETAIL FOR REINFORCED CONCRETE PIPE CULVERT
N.T.S.



RECTANGULAR CURB INLET EXTENSION
N.T.S.

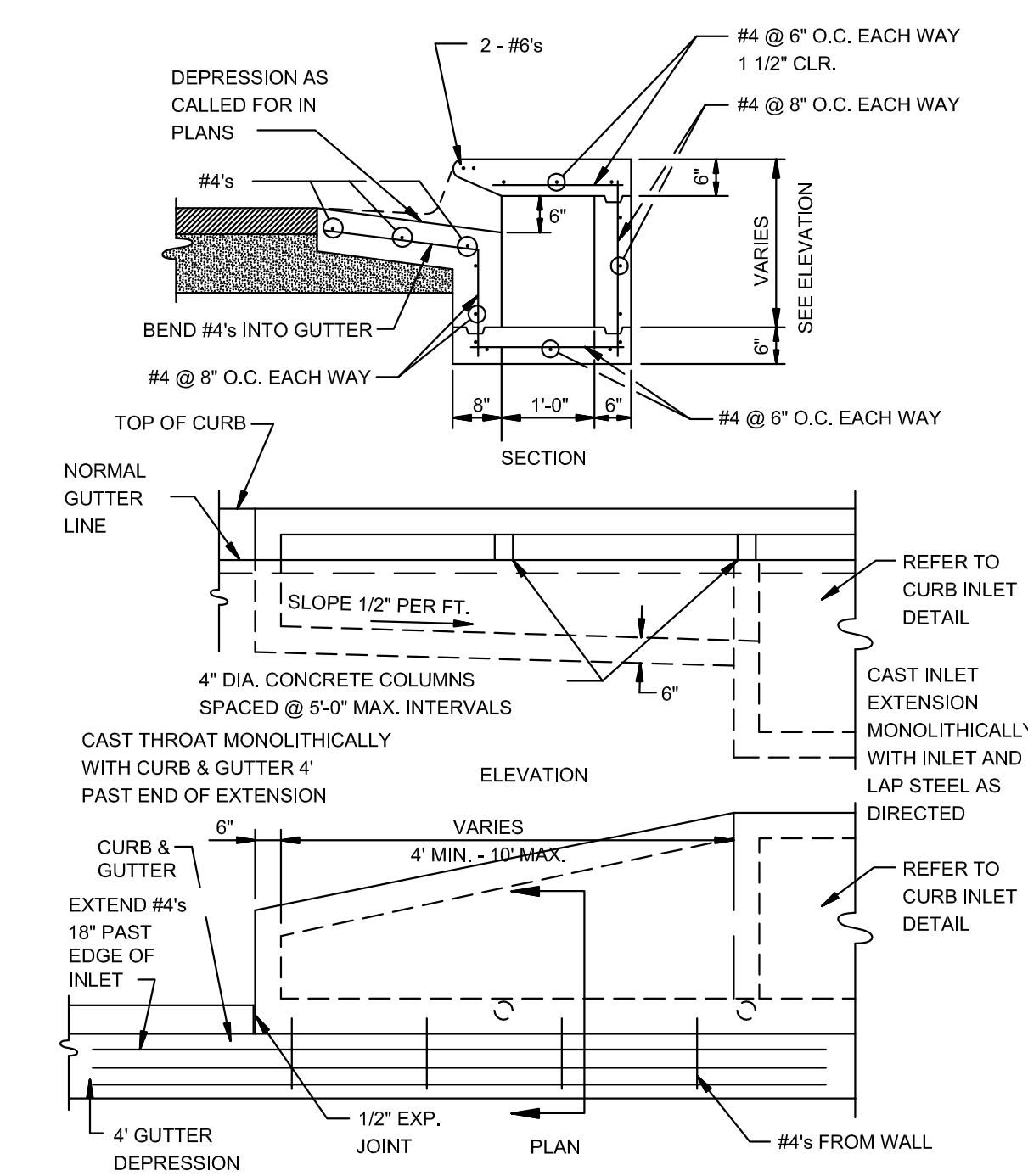


RECTANGULAR CURB INLET
N.T.S.

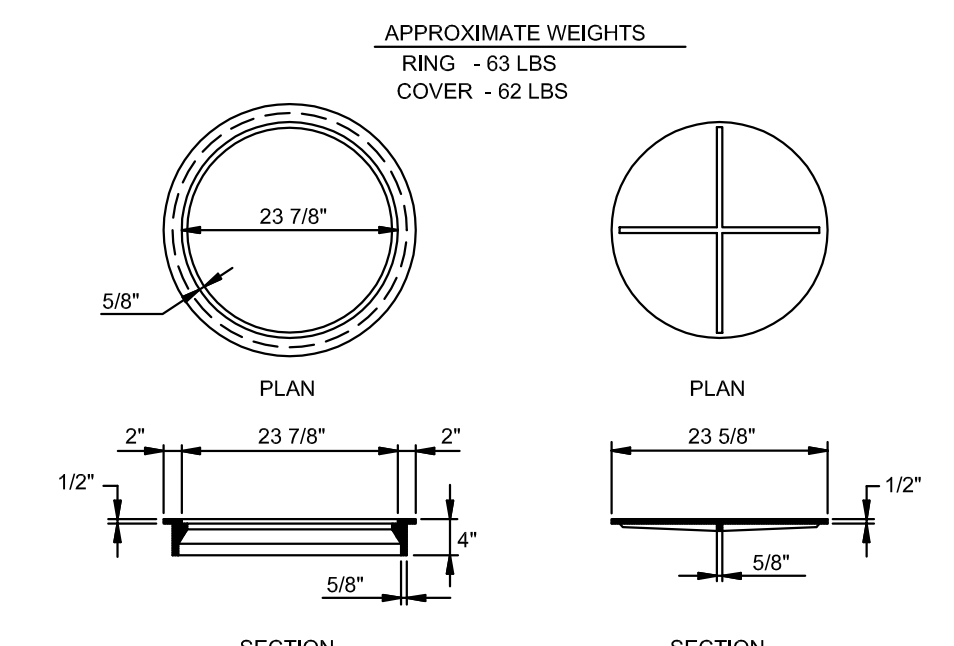


SECTION - TYPICAL CURB INLET - TYPE 'A'
N.T.S.

NOTE: INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED AT 15" O.C. - MANHOLE FRAME AND COVER SHALL BE PLACED ADJACENT TO THE WALL WITH THE STEPS.

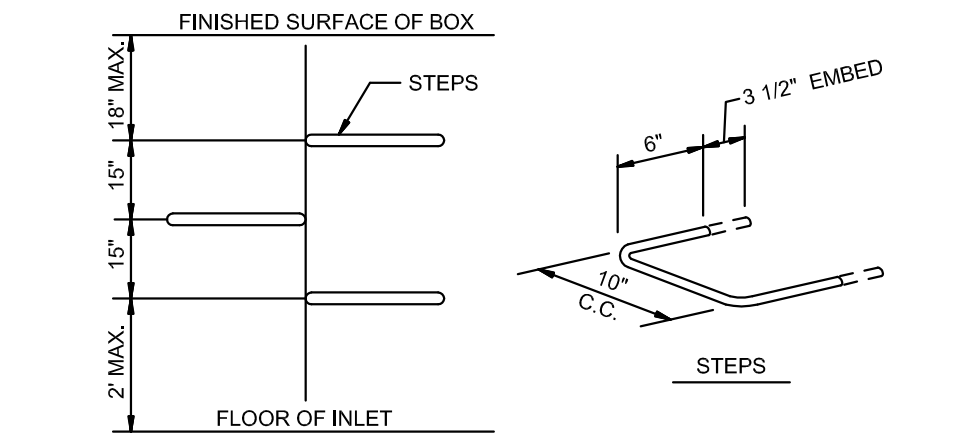


ALTERNATE CURB INLET EXTENSION
N.T.S.



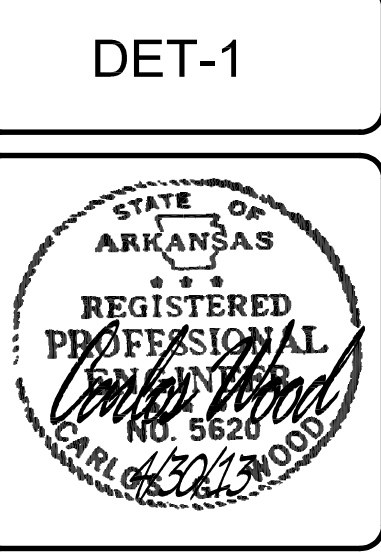
TYPE I RING & COVER
N.T.S.

NOTE: TYPE I FRAME AND COVER PERMITTED ONLY ON STRUCTURES NOT SUBJECT TO VEHICULAR TRAFFIC.



MANHOLE / INLET STEPS
N.T.S.

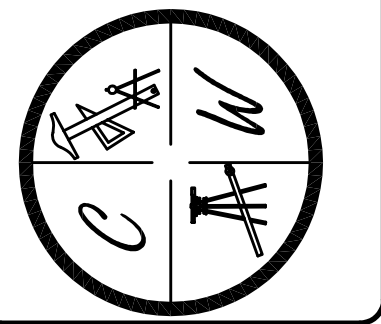
STEPS SPECIFICATIONS:
A. MANHOLE STEPS: CORROSION RESISTANT, COATED AND REINFORCED WITH STEEL PER ASTM C-478, STEEL REINFORCING MINIMUM 1/2" DIAMETER.
B. CAPABLE OF SUPPORTING MINIMUM 300 LB. LOAD.
C. NON-SLIP TEXTURED TREADS.
D. REQUIRED IN ALL STRUCTURES 3'-0" DEEP OR DEEPER, UNLESS SPECIFIED OTHERWISE.

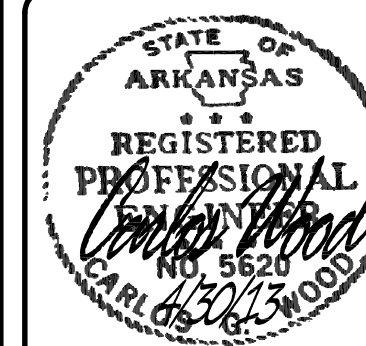


MERRELL ESTATES PHASE III, IV, V, & VI
JONESBORO, AR
TYPICAL STREET DETAILS

DATE: 9/21/12
REV: 4/30/13
DRAWN BY: BGV

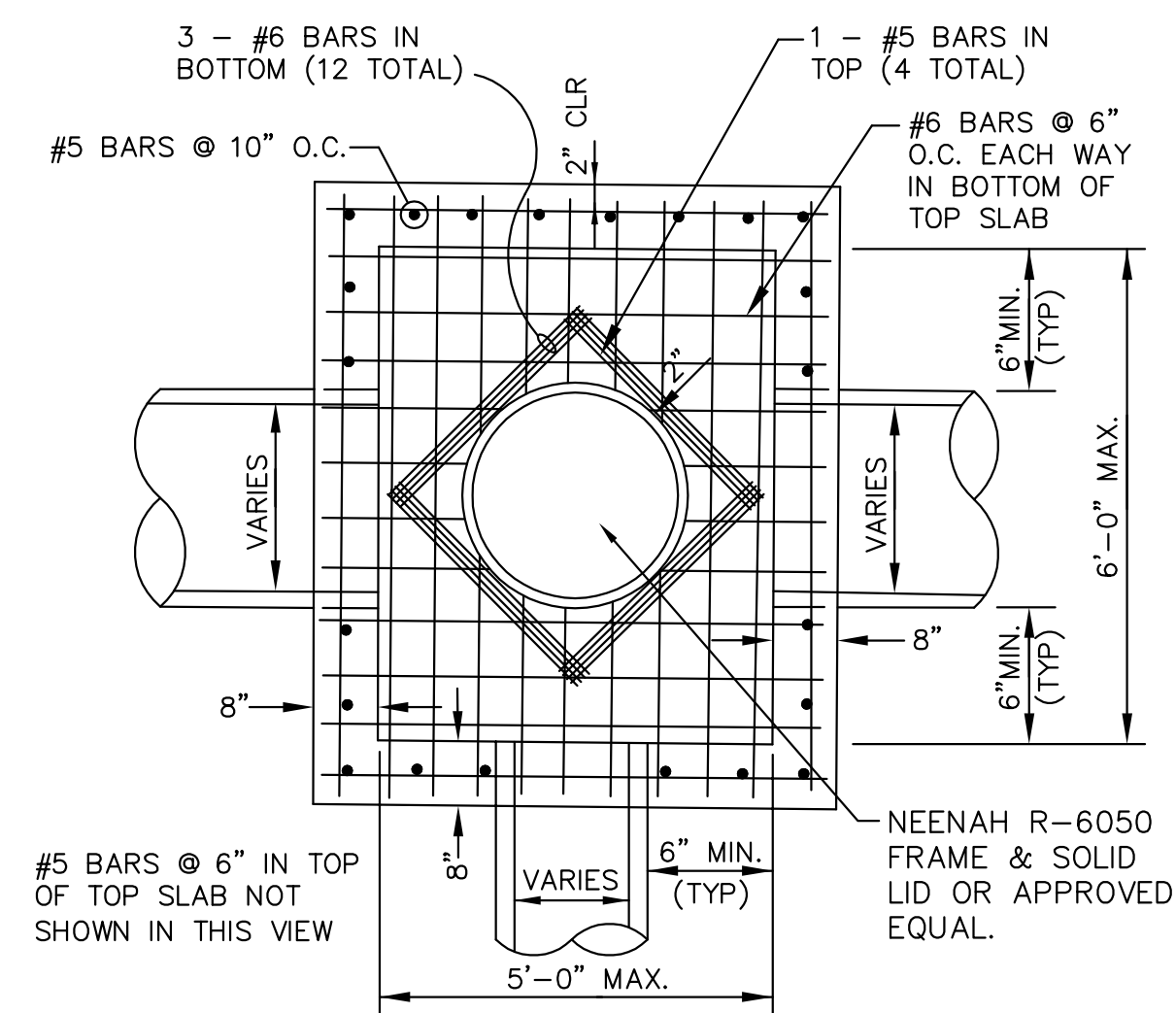
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WEBSITE: WWW.WOODENR.COM





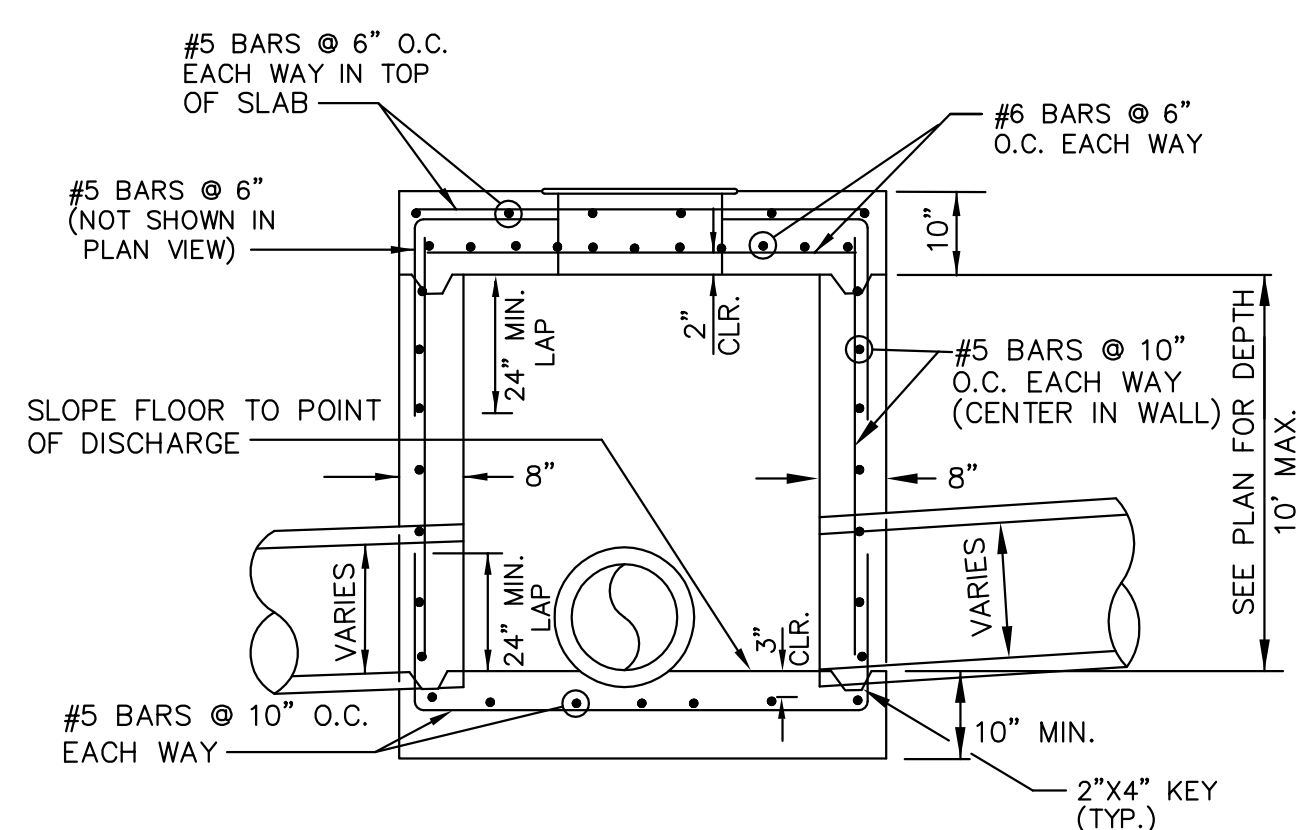
MERRELL ESTATES PHASE III, IV, V, & VI
JONESBORO, AR

TYPICAL
STREET DETAILS



PLAN - JUNCTION BOX - HEAVY

SCALE: NONE

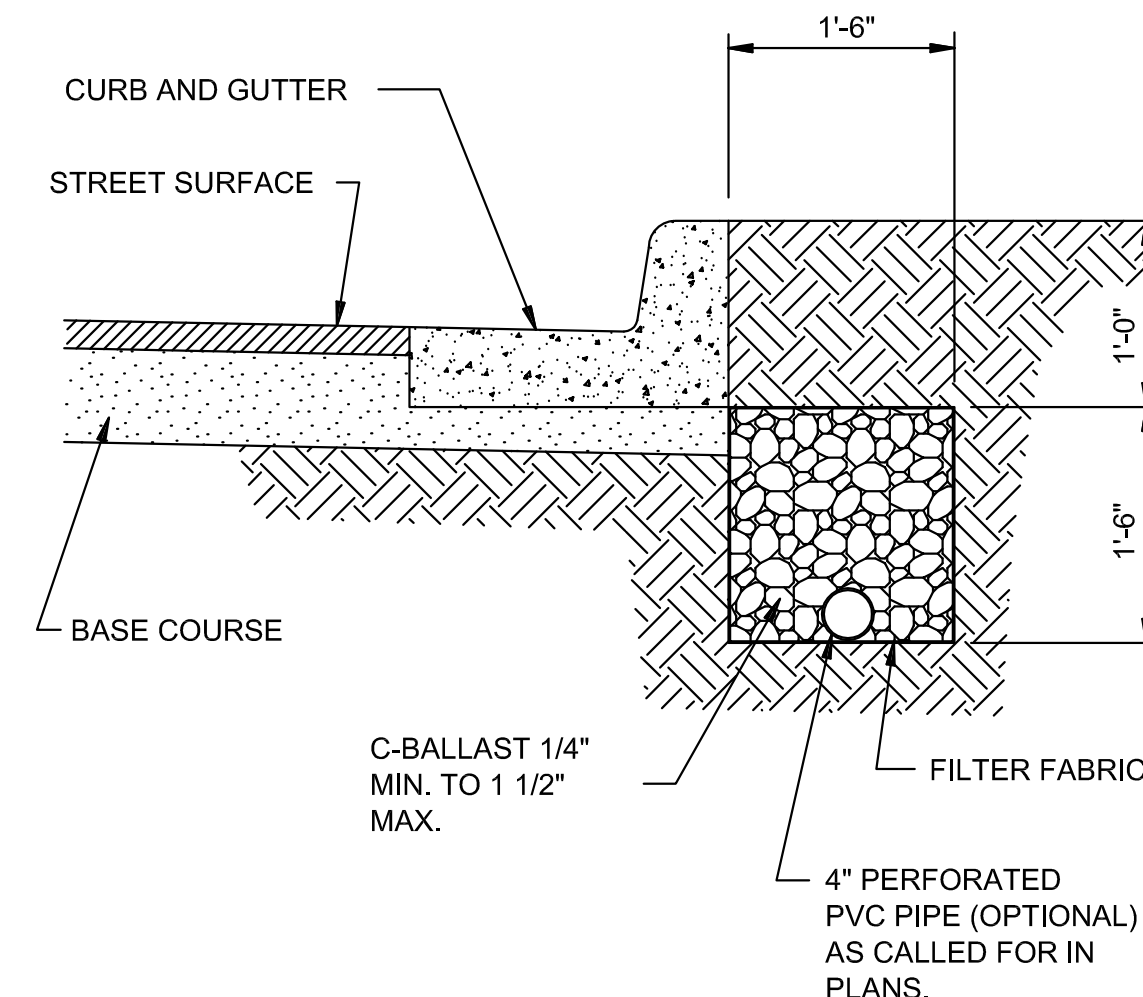


SECTION - JUNCTION BOX - HEAVY

N.T.S.

NOTES:

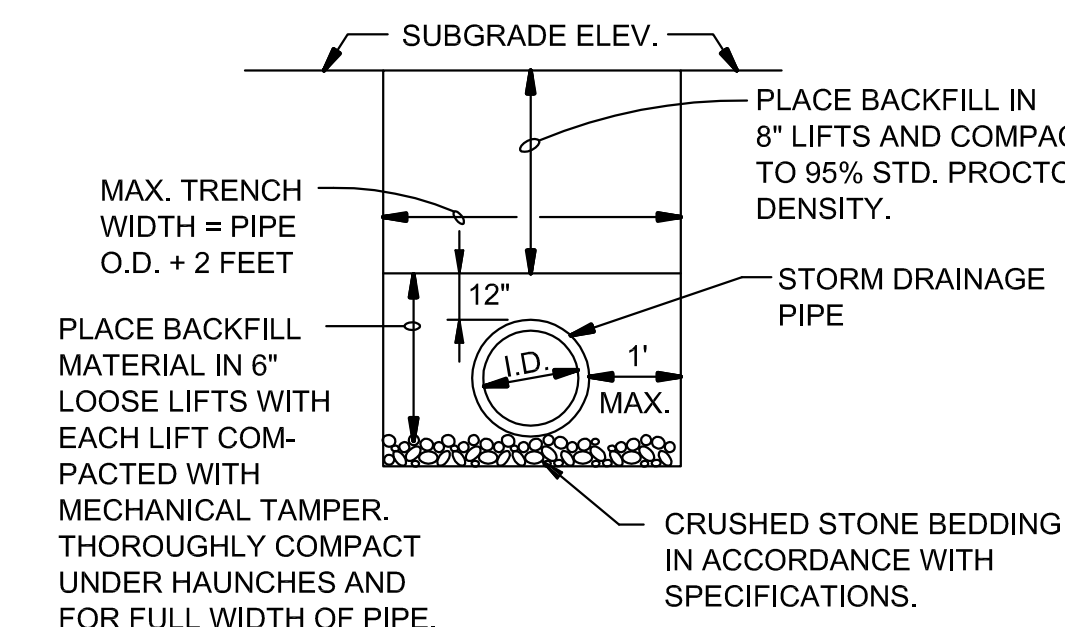
1. SHOULD BE USED TO ACCOMMODATE VEHICULAR TRAFFIC.
2. JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
3. SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.



SUB-DRAIN DETAIL

N.T.S.

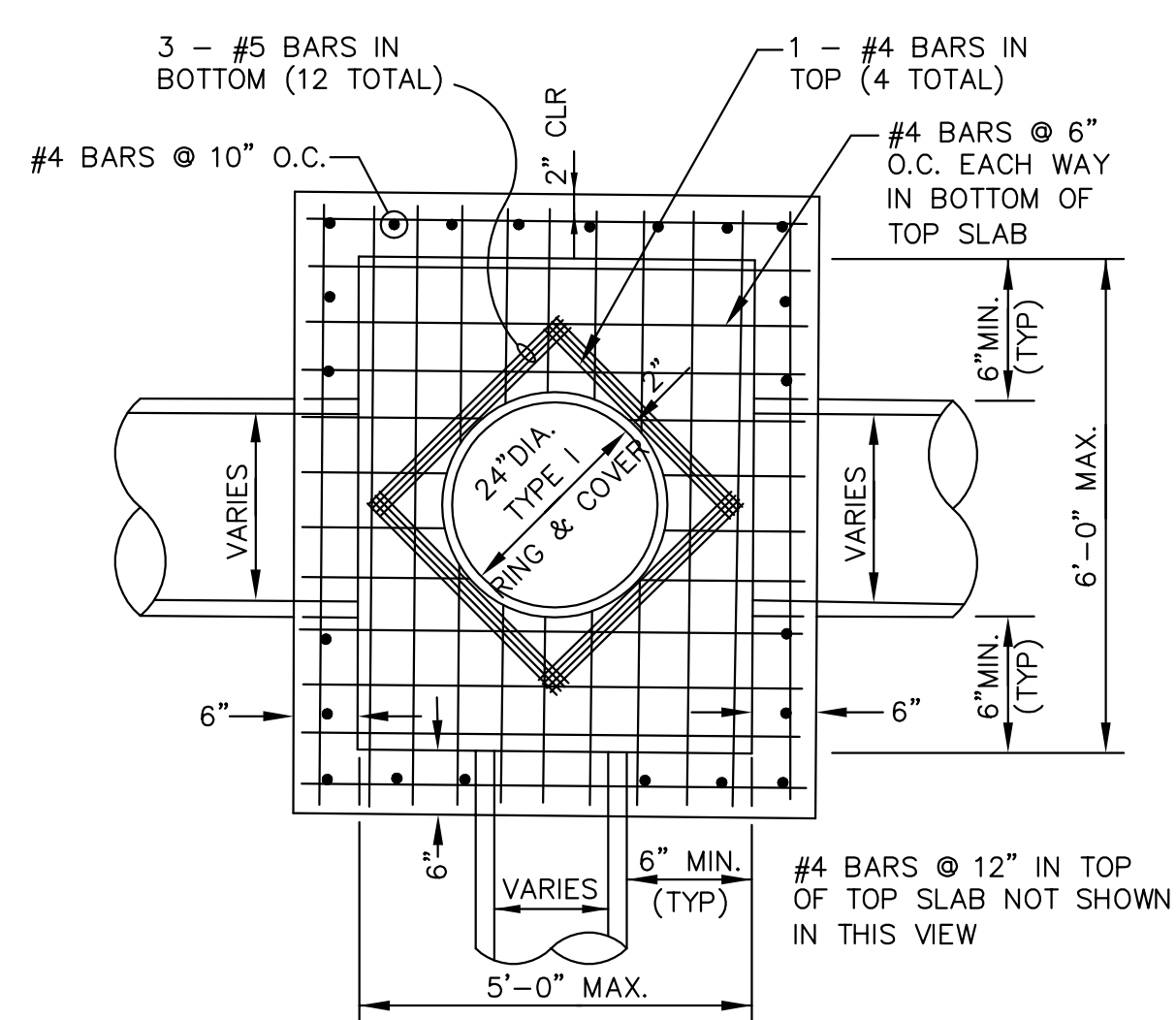
NOTE:
FINAL LOCATION OF SUB-DRAIN MAY BE DETERMINED BY THE ENGINEER DURING THE CONSTRUCTION PERIOD.



DRAINAGE PIPE TRENCH DETAIL

N.T.S.

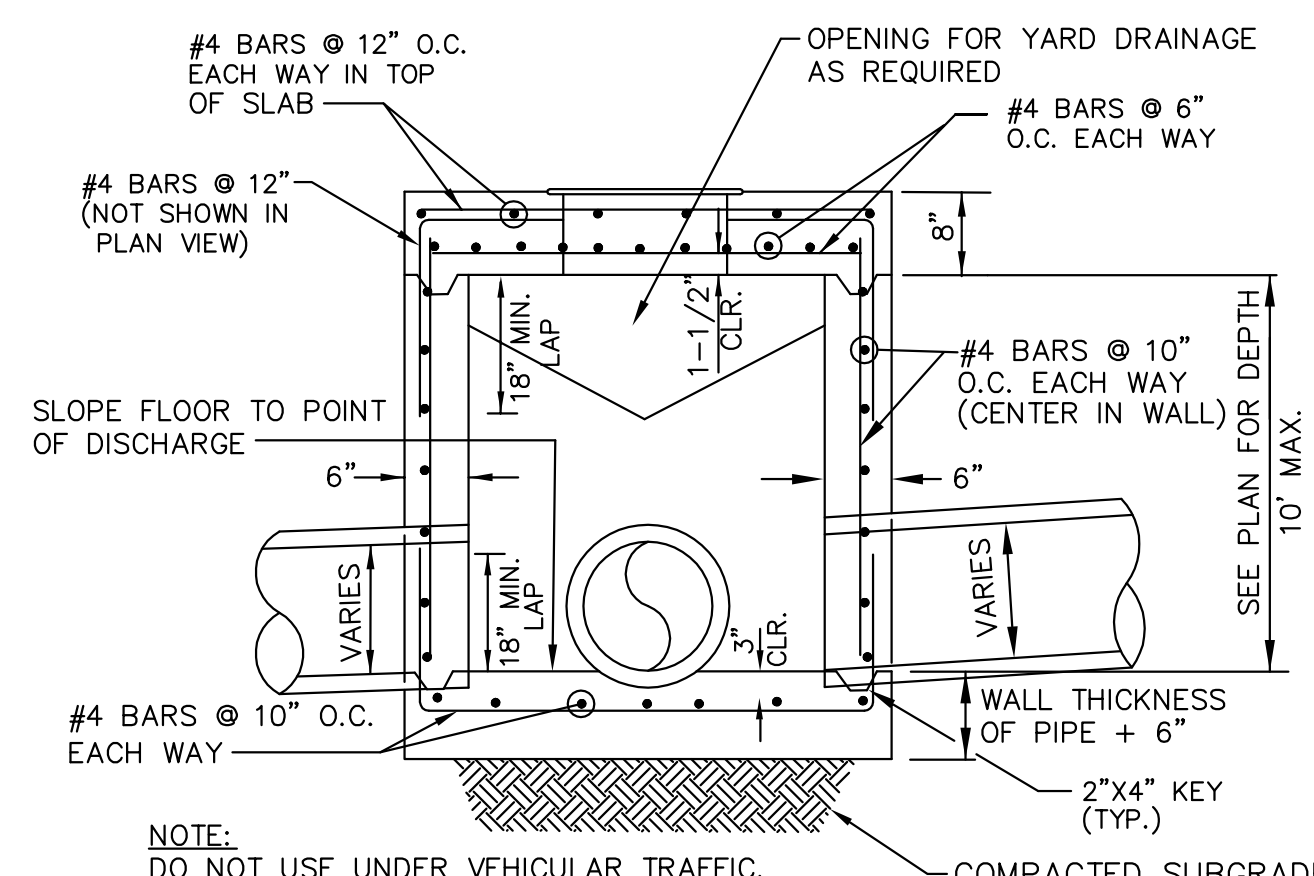
NOTE: TO BE USED WITH NEW STREET CONSTRUCTION. SEE DRAWING NO. PT-1 FOR EXISTING STREET CUTS.



PLAN - JUNCTION BOX - LIGHT

SCALE: NONE

NOTE:
DO NOT USE UNDER VEHICULAR TRAFFIC.

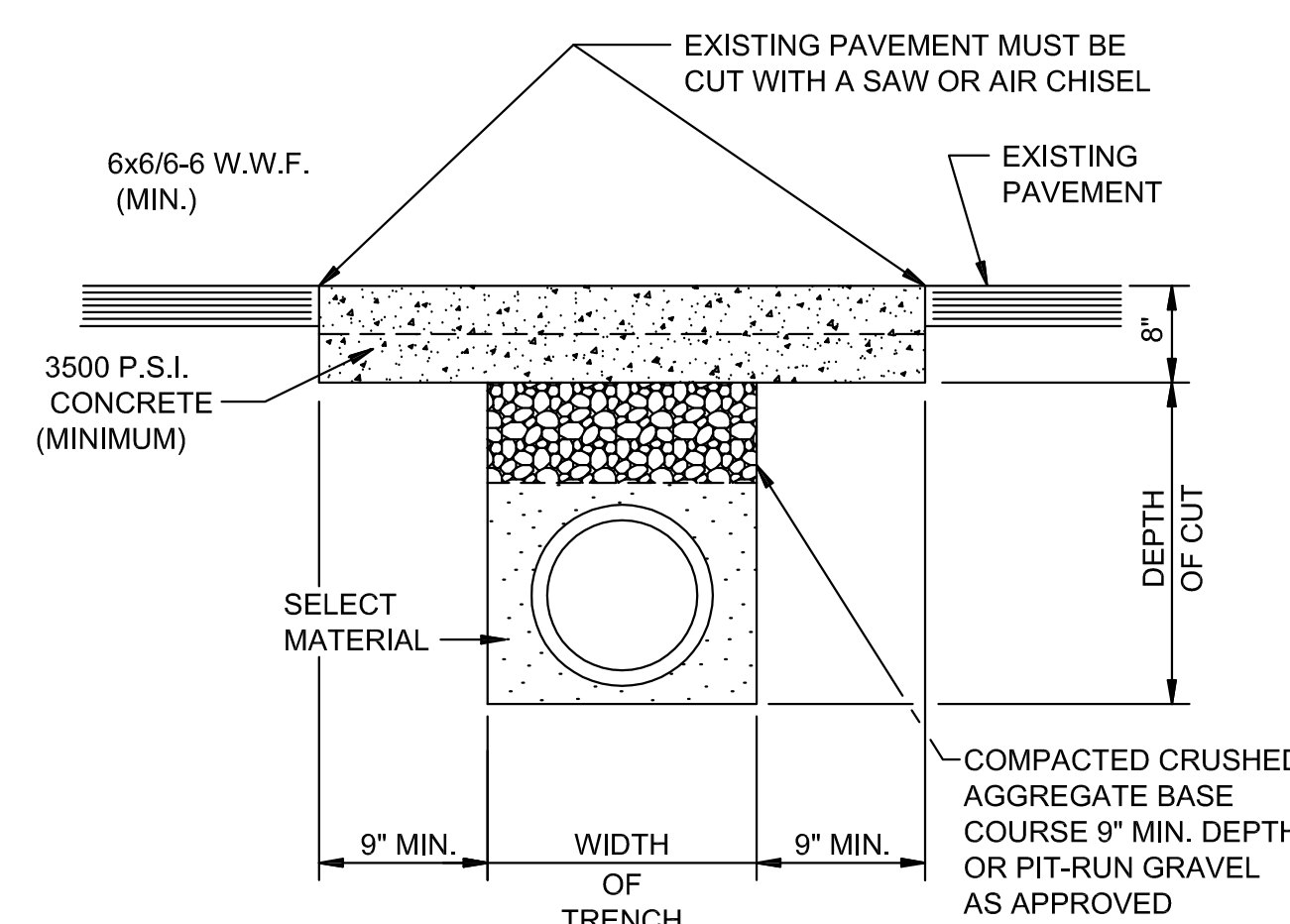


SECTION - JUNCTION BOX - LIGHT

N.T.S.

NOTES:

1. AS APPROVED BY THE ENGINEER, WALLS MAY BE 8" BLOCK WITH 1/2" MORTAR. FILL CELLS WITH CONCRETE AND WITH #4'S @ 16" O.C. BLOCK WALLS SHALL NOT BE USED UNDER VEHICULAR LOADING. MINIMUM DISTANCE FROM WALL TO PIPE SHALL BE 8" IF BLOCK WALLS ARE USED.
2. JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
3. SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.



PAVEMENT TRENCH REPAIR DETAIL

N.T.S.

NOTE:
THE CONTRACTOR SHALL CALL PUBLIC WORKS DEPARTMENT FOR INSPECTION PRIOR TO PLACING CRUSHED AGGREGATE BASE COURSE AND PRIOR TO PLACING CONCRETE.

DATE: 9/21/12
REV: 4/30/13

DRAWN BY: BGV

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