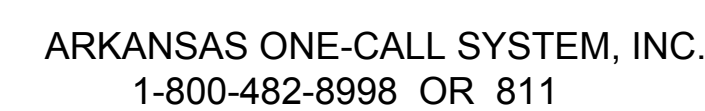


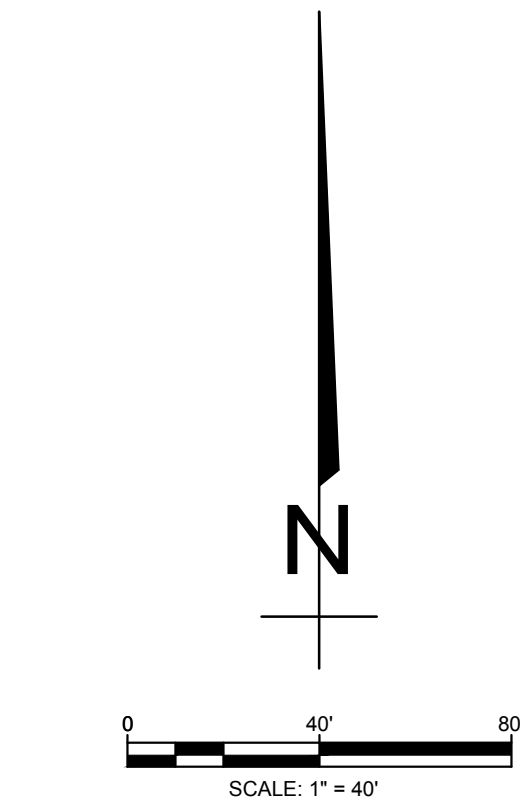
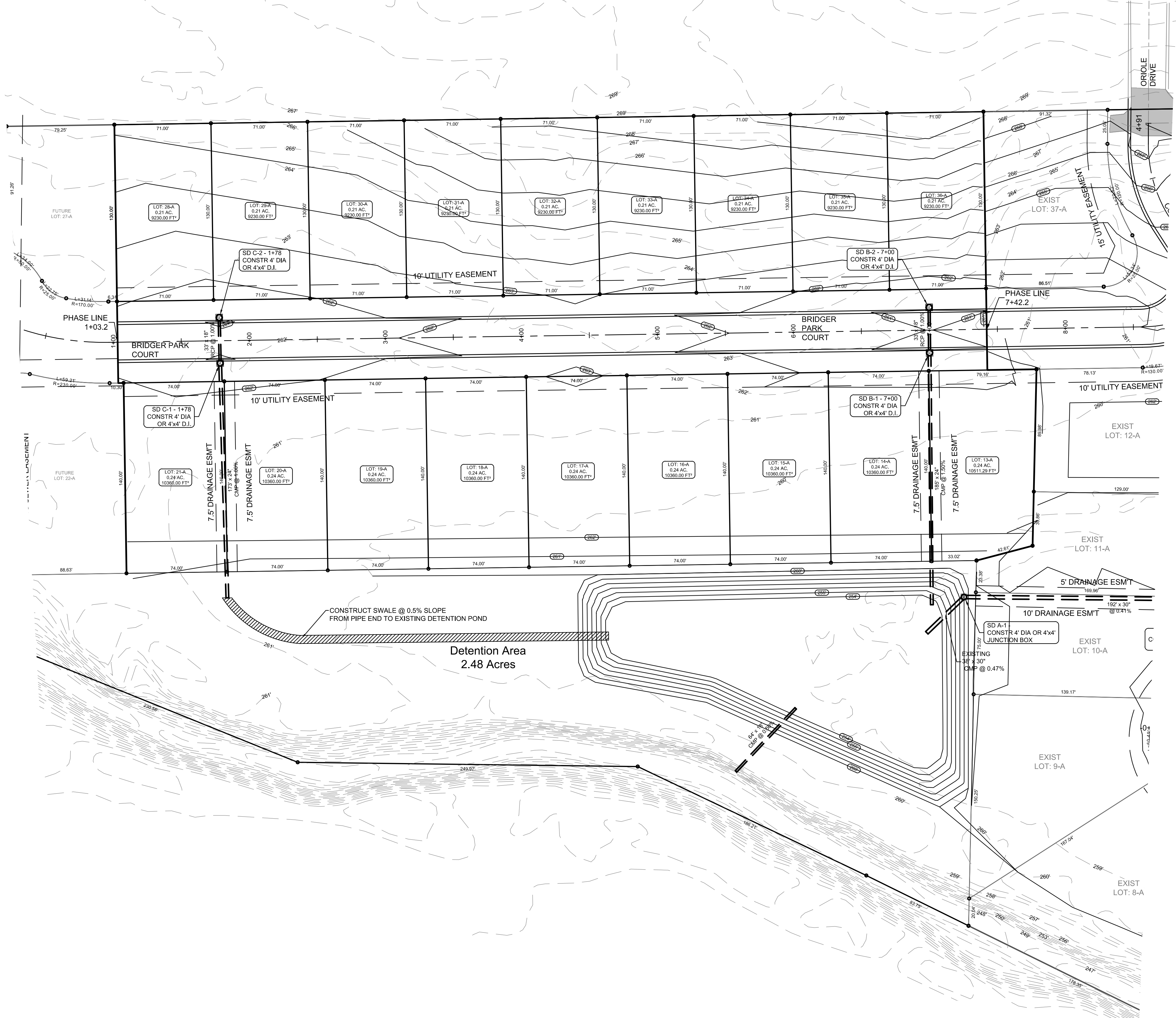
JONESBORO, ARKANSAS  
PRELIMINARY SUBDIVISION  
APRIL 2017



SCALE: 1" = 1000'

BRIDGER PARK PH. 2 STREET PLANS





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

**PIPE NOTE:**

ALL PIPE SHALL MEET THE FOLLOWING STANDARDS.

- ALUMINIZED STEEL TYPE 2 STEEL PIPE
  - ASTM A-929
  - ASTM A-760
- 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

STR-1

BRIDGER PARK PHASE II

JONESBORO, AR

DATE: 4/4/17

REV:

DRAWN BY: BGW

CARLOS WOOD, P.E.

ENGINEERING CONSULTANT

148 CR 375

BONO, AR 72416

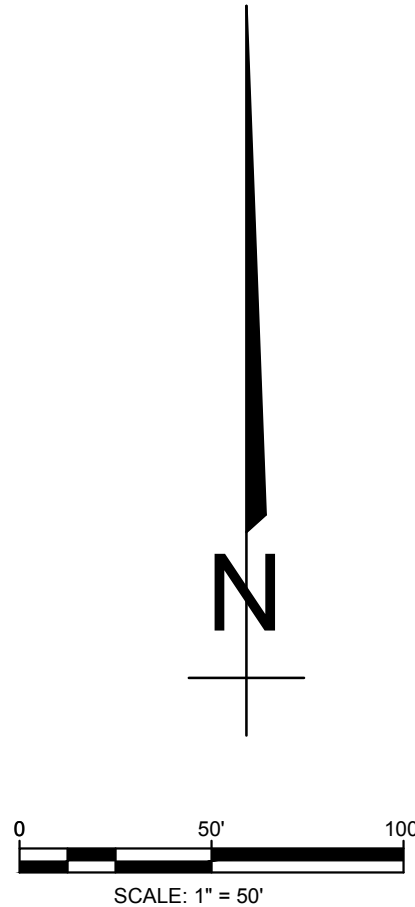
PHONE/FAX: (870) 972-8335

EMAIL: WOODENR@SBCGLOBAL.NET

WEBSITE: WWW.WOODENR.COM

TOPOGRAPHY & DRAINAGE PLAN





PIPE NOTE:

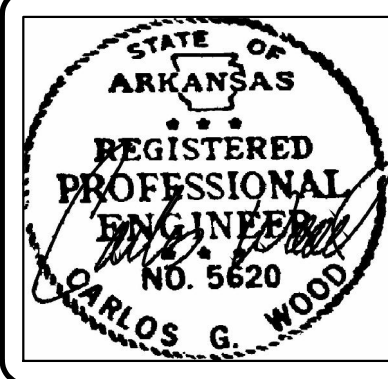
ALL PIPE SHALL MEET THE FOLLOWING STANDARDS.

- ALUMINIZED STEEL TYPE 2 STEEL PIPE
  - ASTM A-929
  - ASTM A-760
- RCP CLASS III OR CLASS IV
  - ASTM C-76
  - ASTM C-506
  - ASTM C-507

LEGEND

- CURB
- 257 — EXISTING CONTOUR
- 025 — PROPOSED CONTOUR
- ☐ STORM DRAIN INLET
- — — STORM DRAIN PIPE

STR-2



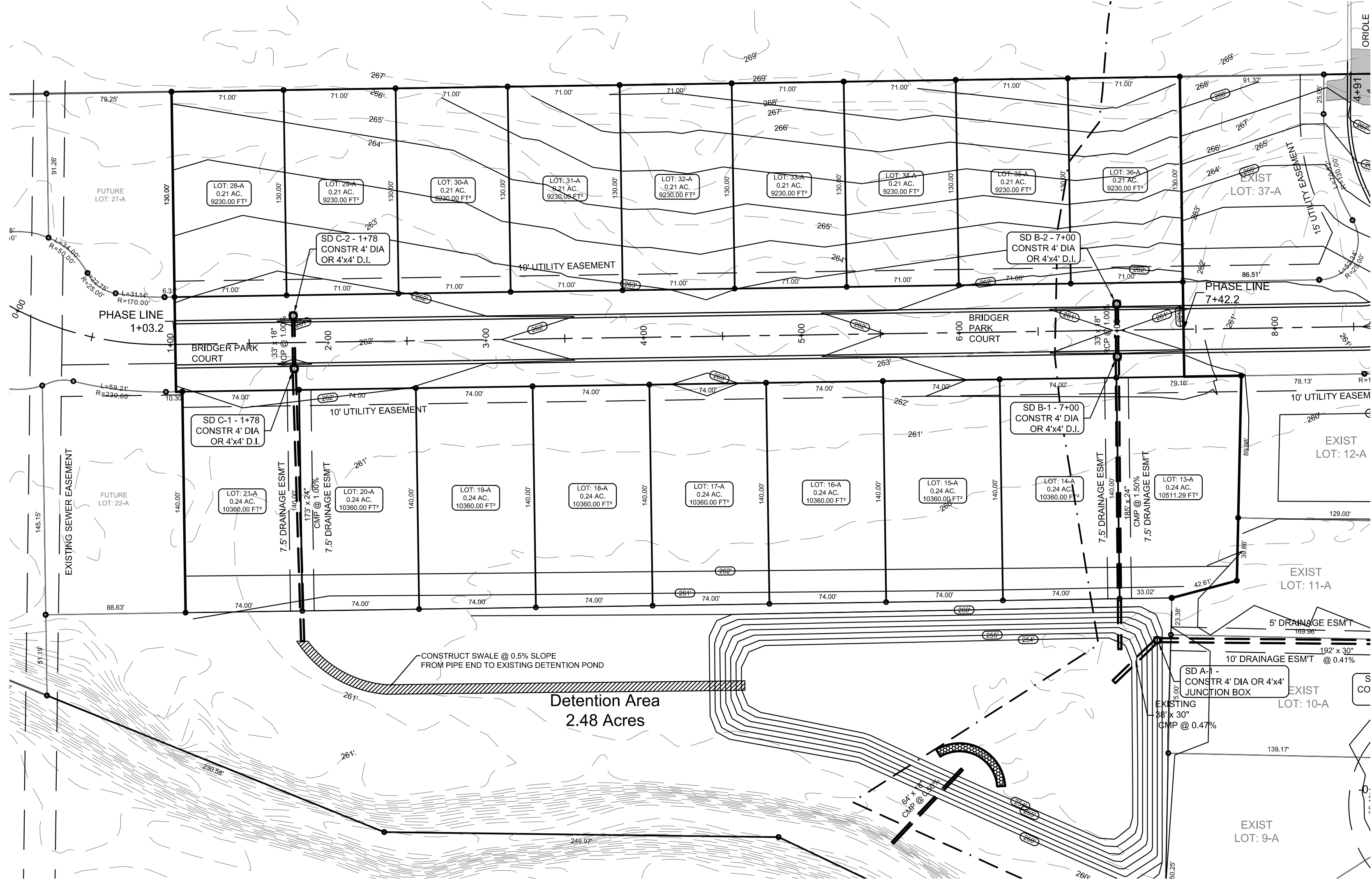
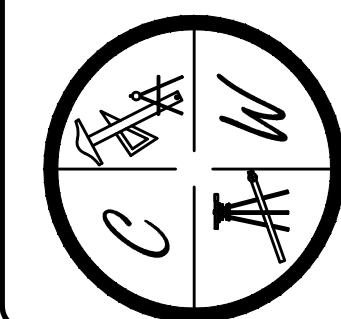
BRIDGER PARK PHASE II  
JONESBORO, AR  
BRIDGER PARK COURT  
PLAN & PROFILE

DATE: 4/4/17

REV:

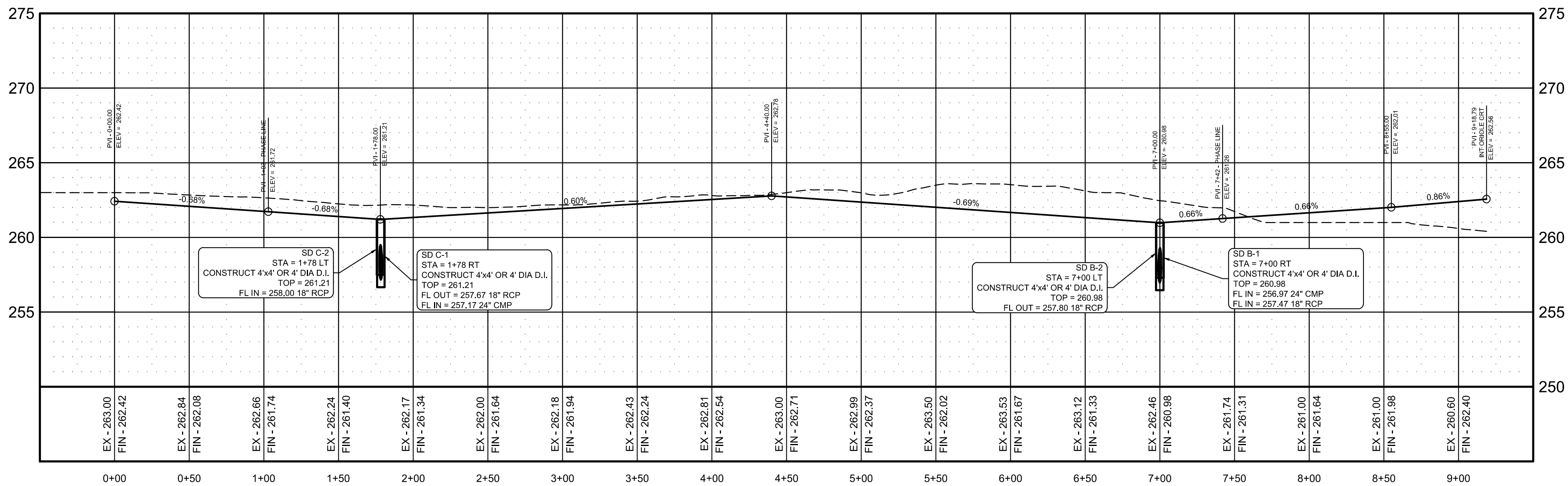
DRAWN BY: BGW

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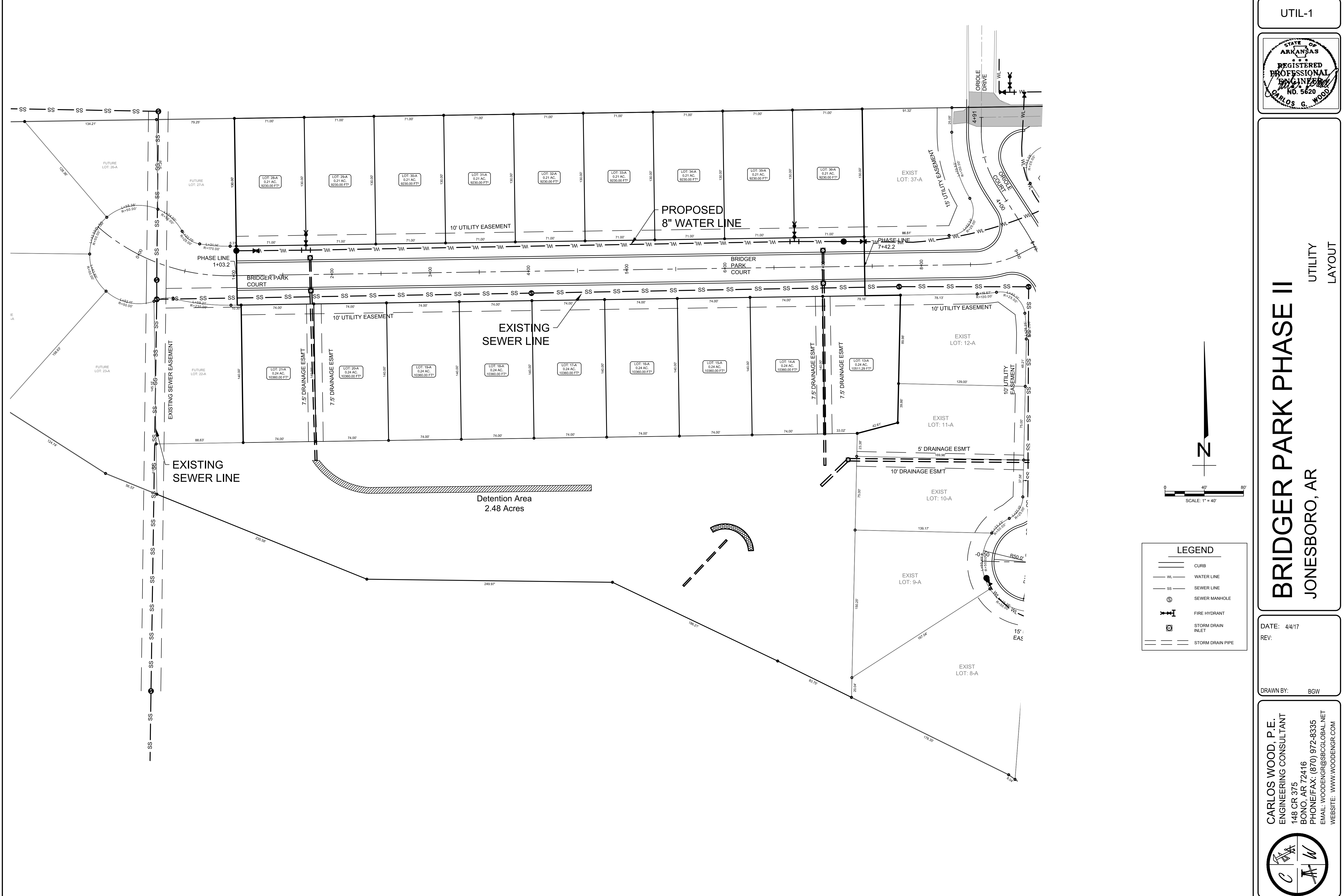
PROFILE SCALE:

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



BRIDGER PARK COURT





UTIL-1



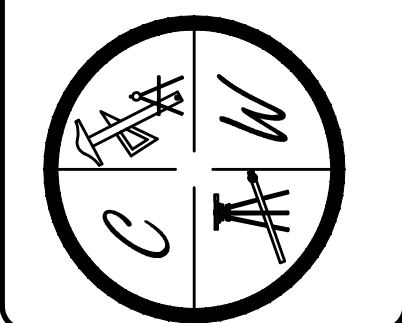
# BRIDGER PARK PHASE II

JONESBORO, AR

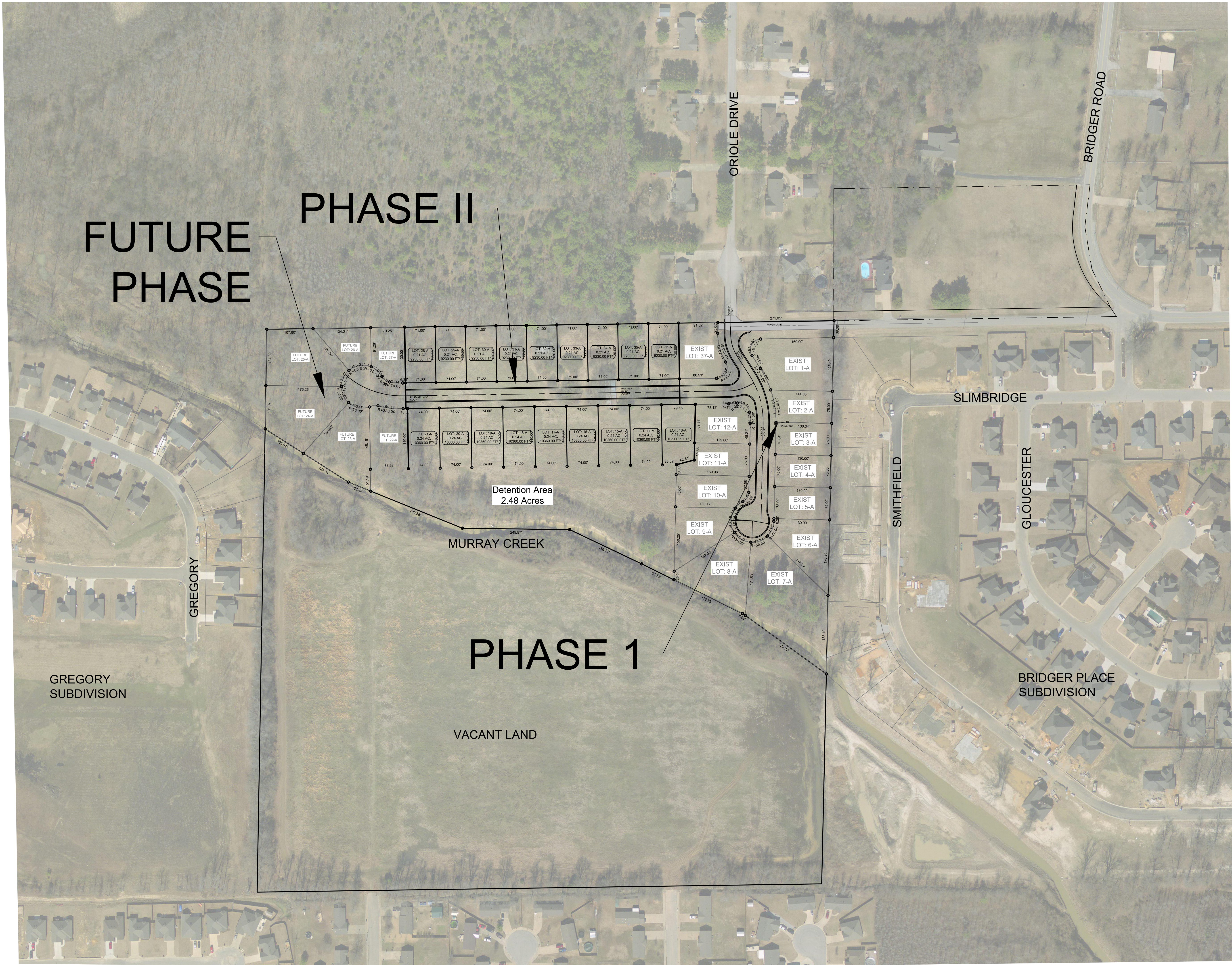
UTILITY LAYOUT

DATE: 4/17  
REV:  
DRAWN BY: BGW

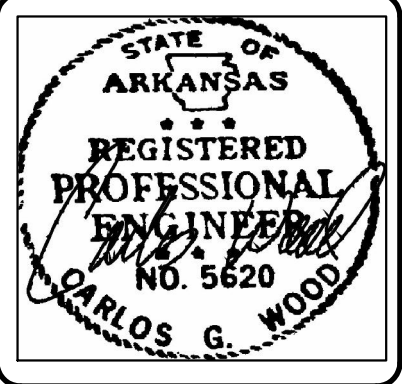
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OVR



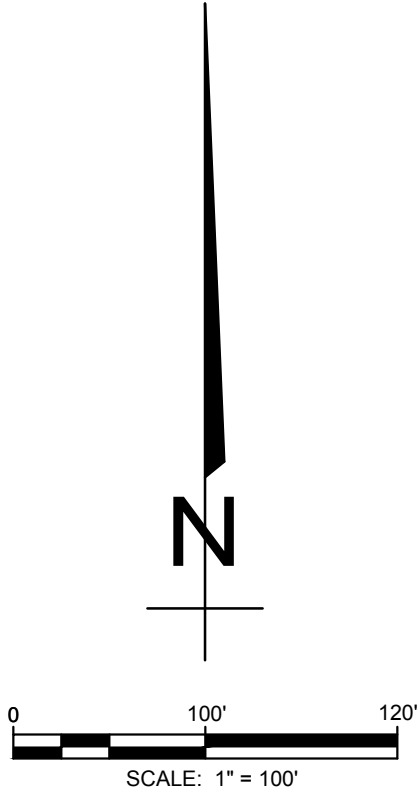
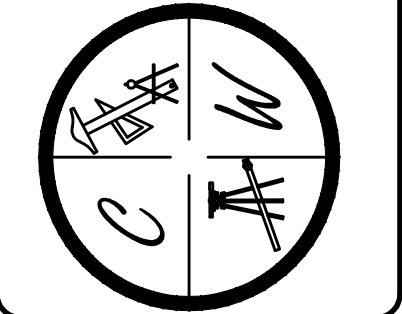
# BRIDGER PARK PHASE II

JONESBORO, AR

OVERALL MAP

DATE: 4/4/17  
REV:  
DRAWN BY: BGW

CARLOS WOOD, P.E.  
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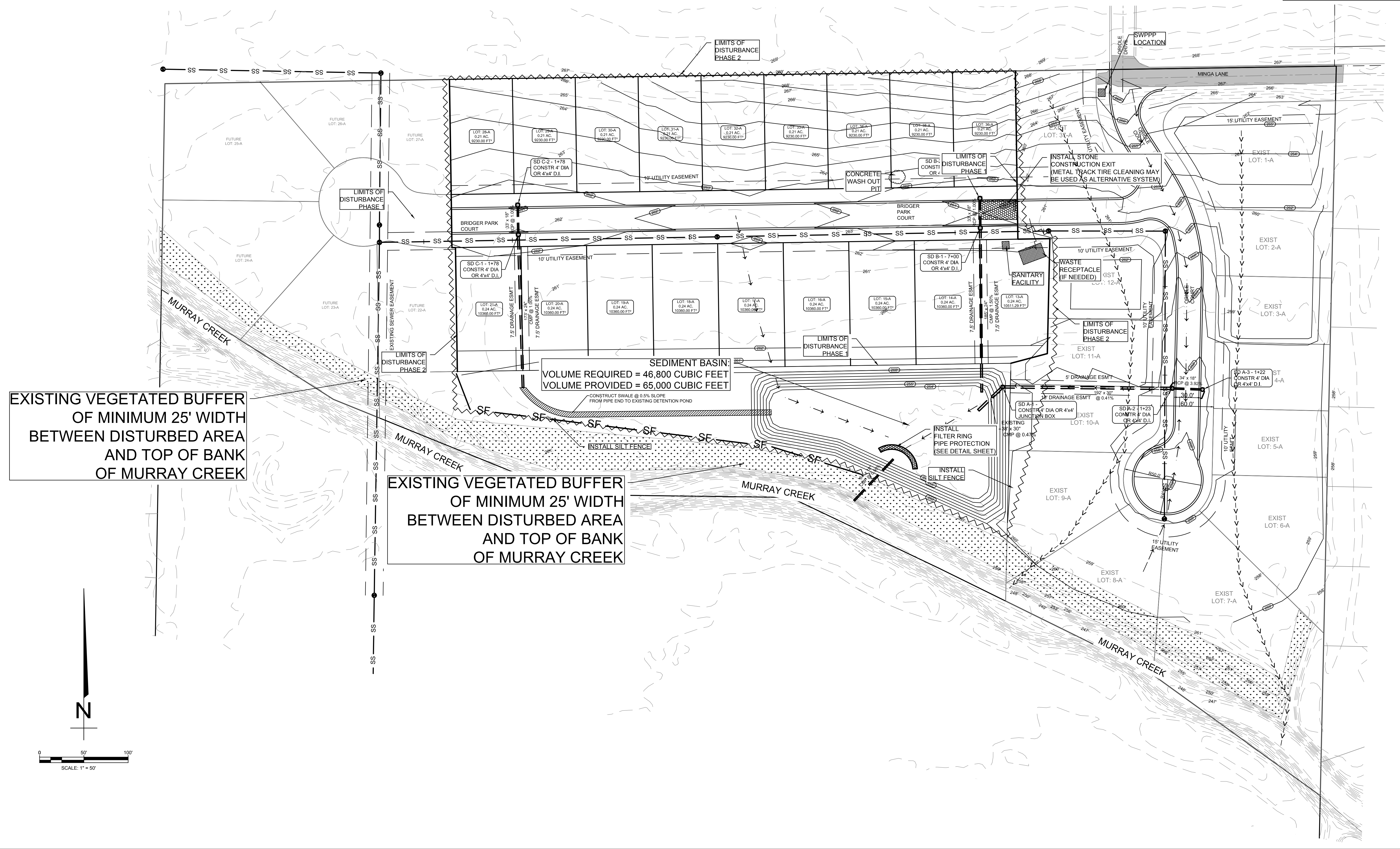
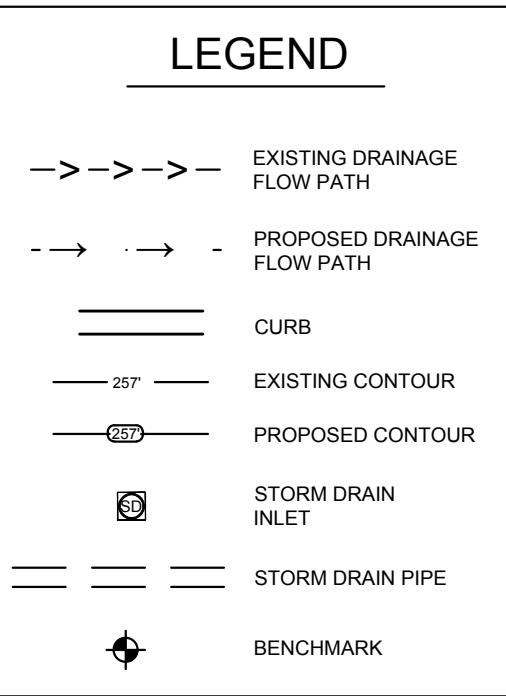
SWPPP NOTES:

1. 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 SWPP PLAN IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF ARKANSAS NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT).
2. 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.
3. CONTRACTOR OR OWNER'S DESIGNATED REPRESENTATIVE 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 OR OWNER'S DESIGNATED REPRESENTATIVE SHALL MAINTAIN A CONTINUOUS UPDATED SWPPP PLAN AND MAP ON SITE (IN

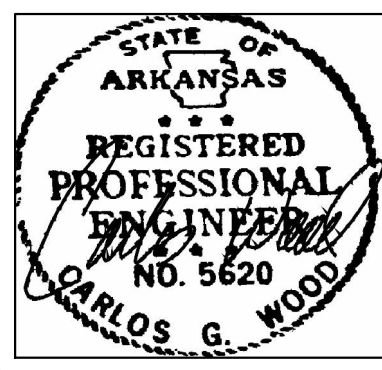
- A CONTAINER MARKED AS SUCH TO IDENTIFY THE PLAN) AT THE SITE ENTRANCE IN A PUBLIC ACCESSIBLE LOCATION FOR REVIEW AND INSPECTION BY THE APPROPRIATE INSPECTORS.
4. SILT FENCE & OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED (AS SHOWN ON THE MAP) TO PREVENT MIGRATION OF SEDIMENT TO ADJACENT PROPERTIES & 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 PERMANENT SEEDED SHOULD BE INITIATED IMMEDIATELY (WEATHER PERMITTING) AT THE COMPLETION OF GRADING IN AREAS THAT CONSTRUCTION IS COMPLETED. THE LOCAL SOIL CONSERVATION SERVICE CAN BE CONTACTED FOR ASSISTANCE.
  5. 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.
  6. AN INSPECTION SHALL BE MADE WEEKLY. ALL OBSERVED DEFICIENCIES OF THE BEST MANAGEMENT PRACTICES (BMPs) WILL BE RECORDED AND REPAIRED AS SOON AS POSSIBLE.

7. SEDIMENT SHALL BE REMOVED FROM ALL EROSION CONTROL DEVICES WHEN SEDIMENT REACHES 50% OF THE DEVICE CAPACITY.
8. A SOLID WASTE CONTAINER SHALL BE PROVIDED FOR SOLID WASTE REMOVAL AS NEEDED. LOCATION TO BE SHOWN ON THE MAP AFTER INSTALLATION.
9. A TEMPORARY SANITARY SEWER CONTAINER SHALL BE PROVIDED AS NEEDED. LOCATION TO BE SHOWN ON THE MAP AFTER INSTALLATION.
10. A CONCRETE WASTE PIT SHALL BE PROVIDED AS NEEDED DURING THE CONSTRUCTION OF THE SITE. LOCATION TO BE SHOWN ON THE MAP AFTER INSTALLATION.
11. TOTAL AREA IS 15.4 ACRES, TOTAL DISTURBED IS 13.0 ACRES.
12. REFER TO SWPPP DOCUMENTS FOR SEDIMENT & EROSION CONTROL DETAILS.

PERMIT 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.



SECM-1



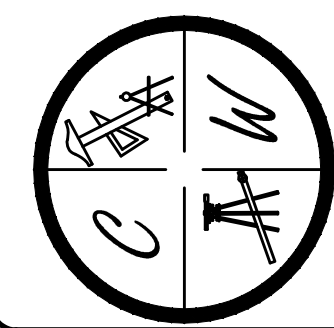
BRIDGER PARK PHASE II

JONESBORO, AR  
SEDIMENT & EROSION  
CONTROL MAP

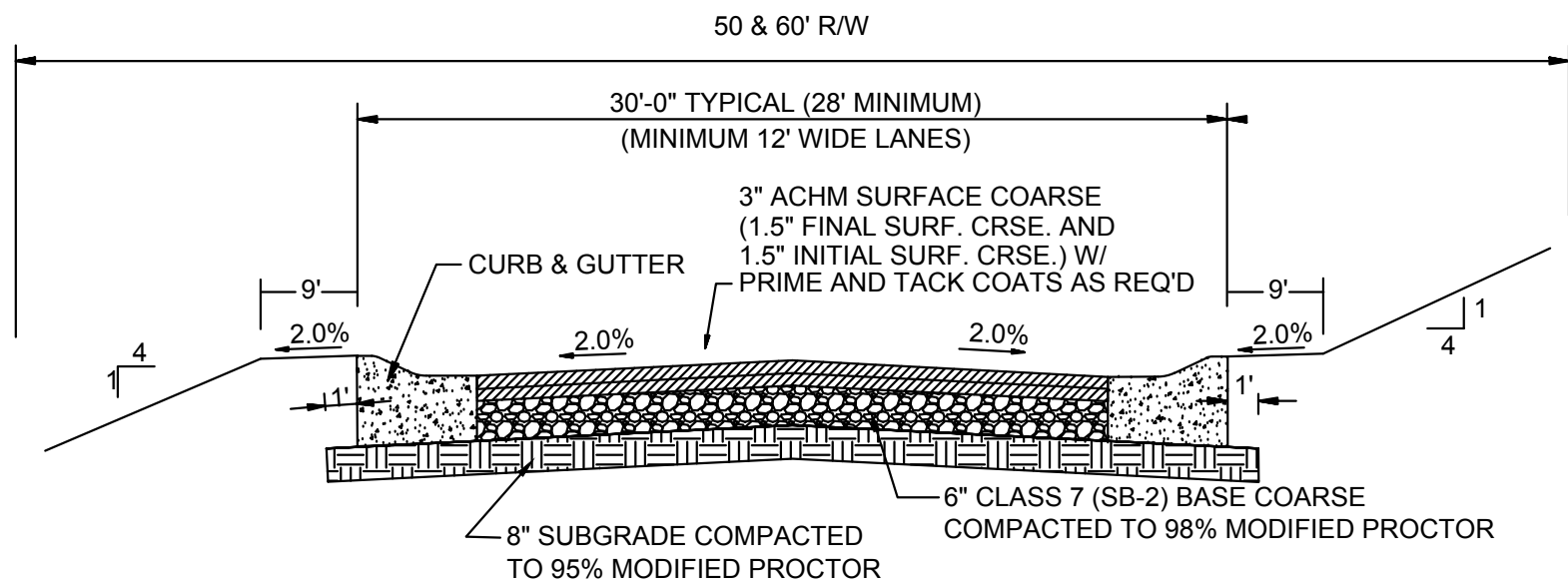
DATE: 4/4/17  
REV:

DRAWN BY: BGW

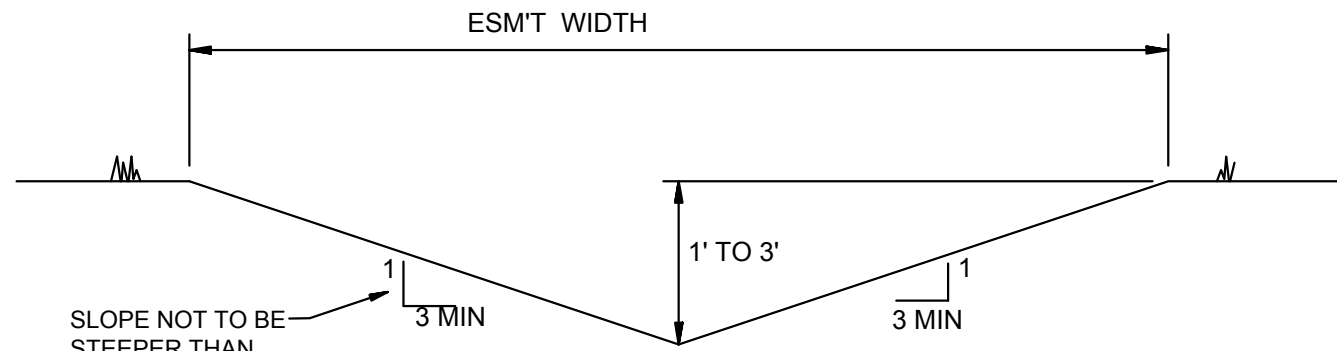
CARLOS WOOD, P.E.  
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BONO, AR 72416  
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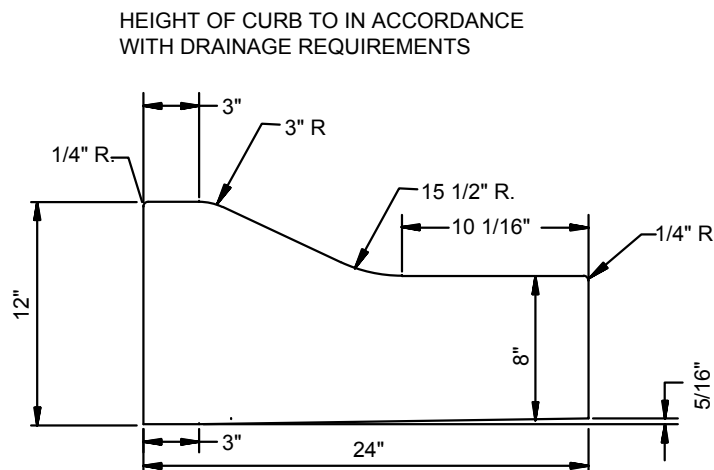




**TYPICAL SECTION - INTERIOR STREETS**  
N.T.S.



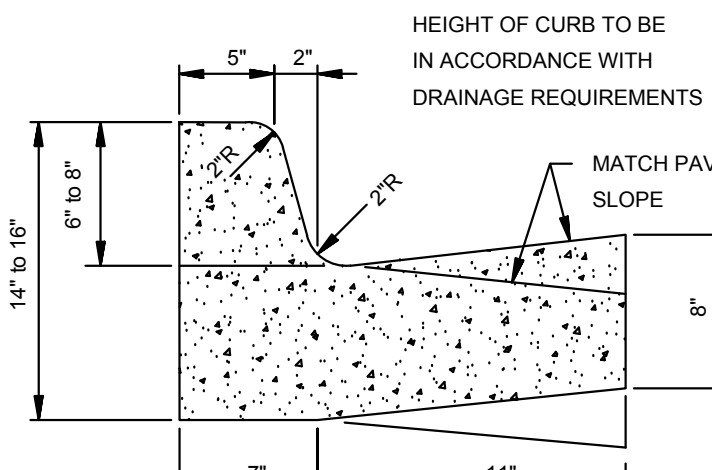
**'A' TYPICAL DITCH DETAIL**  
N.T.S.



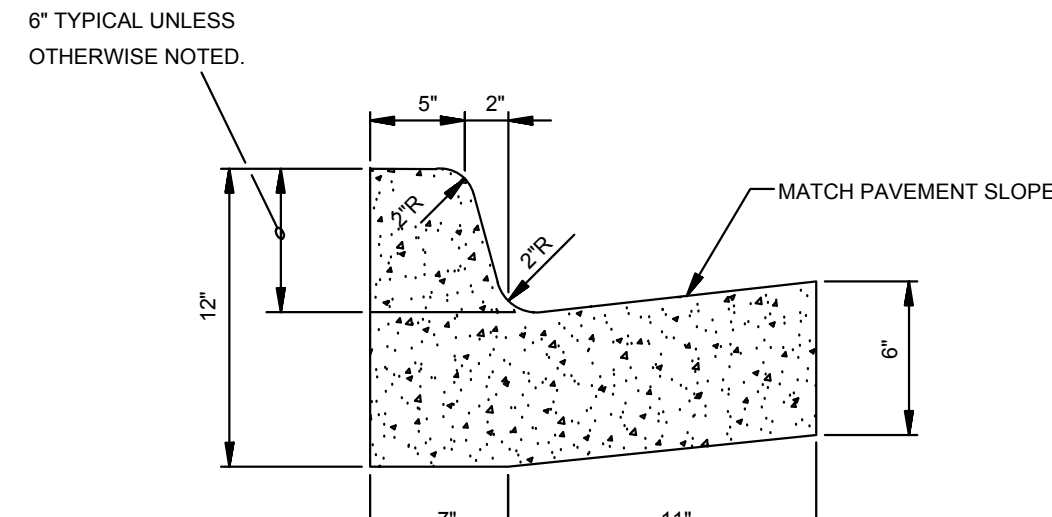
**TYPE 'B' CURB & GUTTER**  
N.T.S.

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



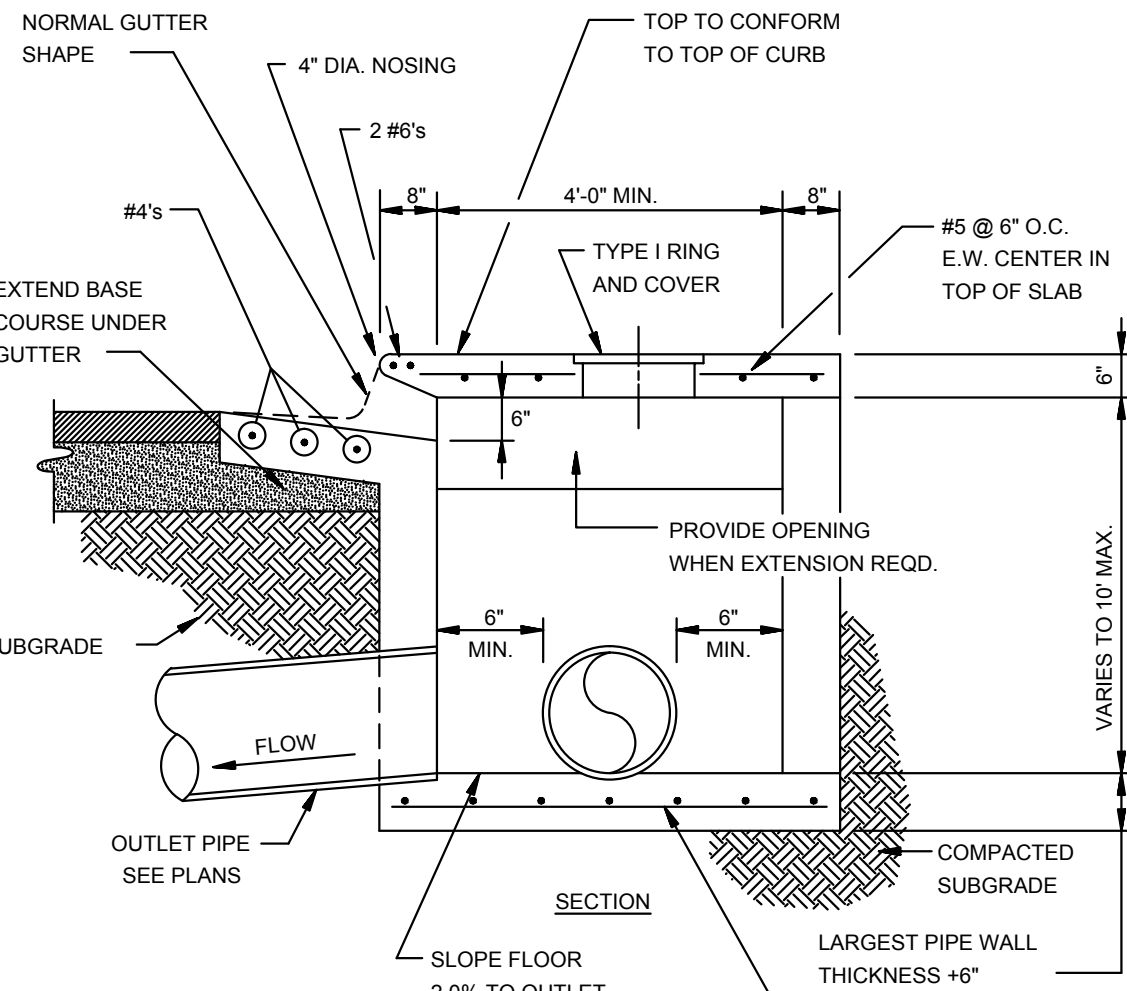
TYPE "A-18" (BARRIER) ARTERIAL STREETS



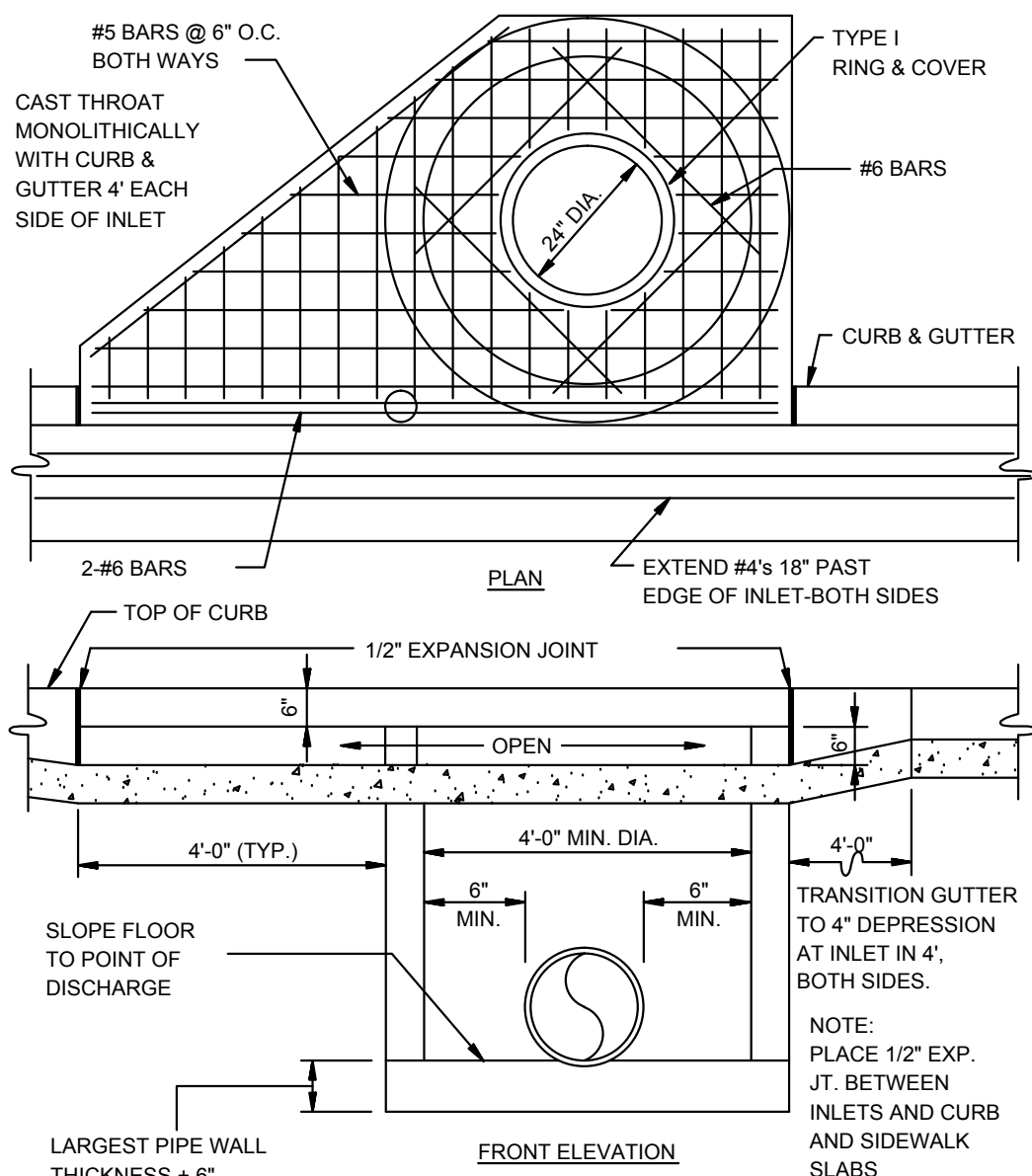
TYPE "A-18" (BARRIER) RESIDENTIAL & COLLECTOR STREETS

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

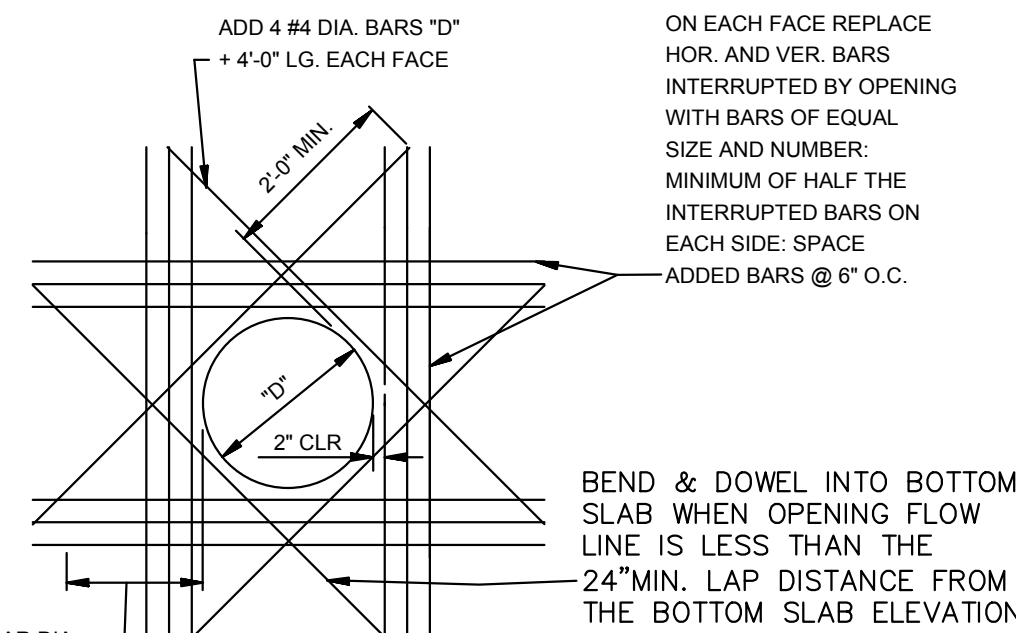
NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.



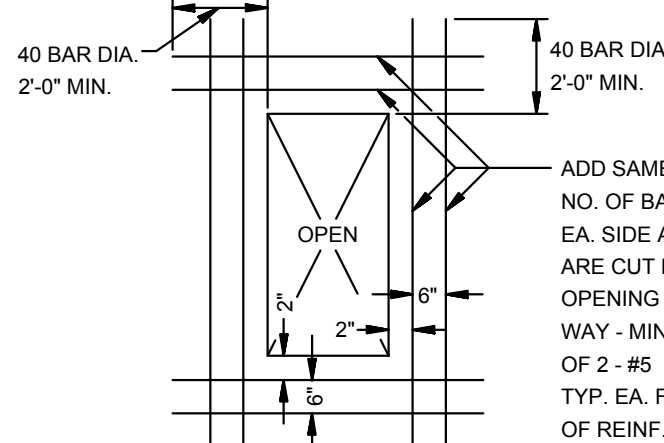
**SECTION - CIRCULAR CURB INLET**  
N.T.S.



**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.

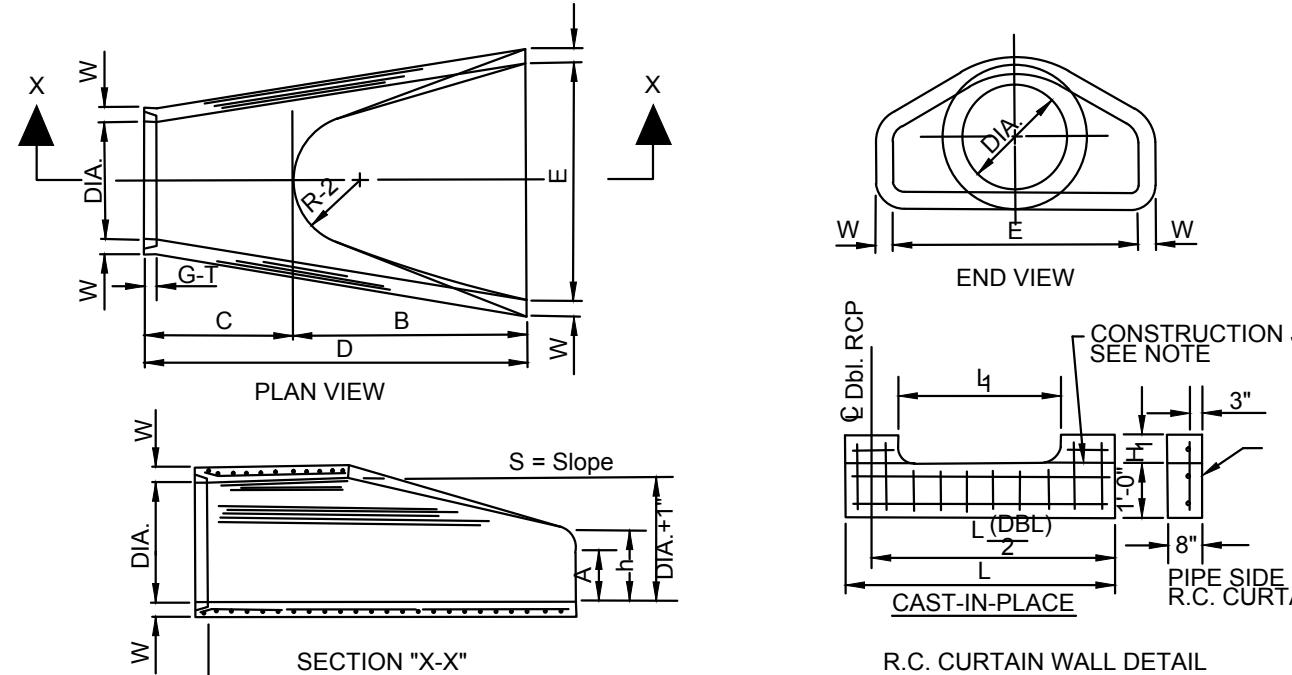
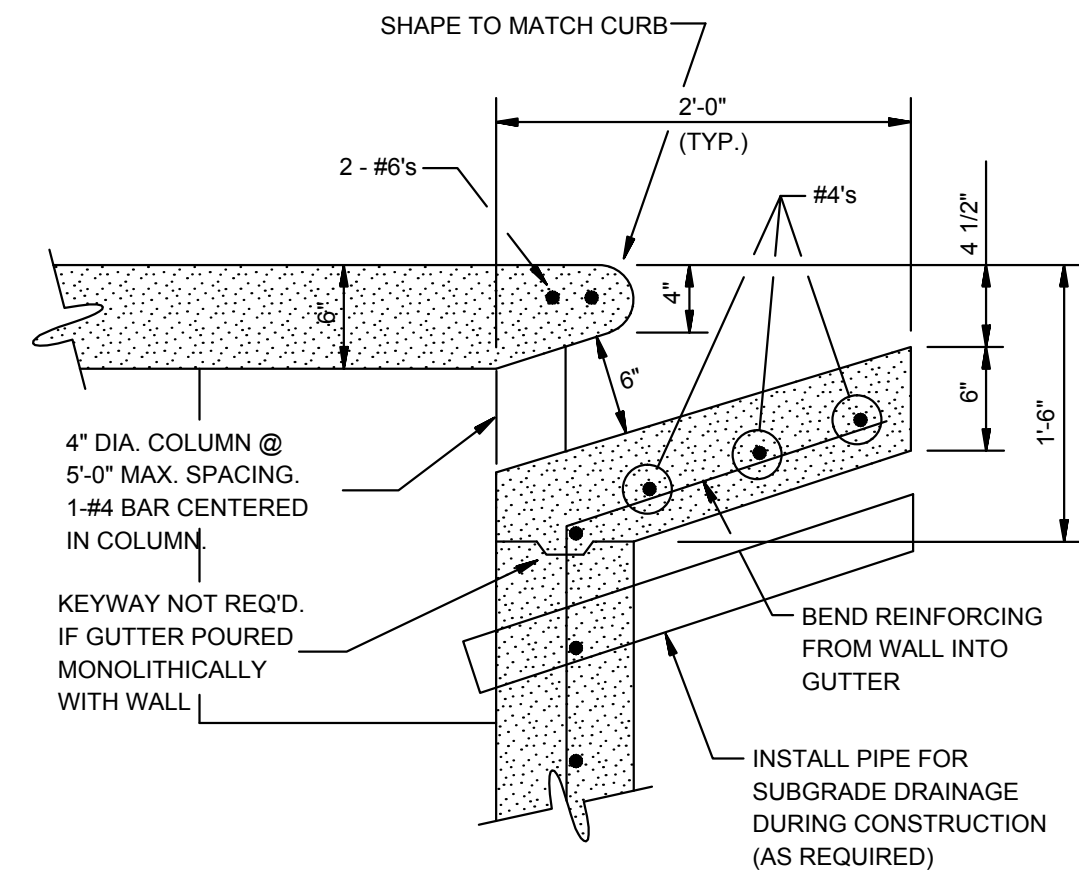


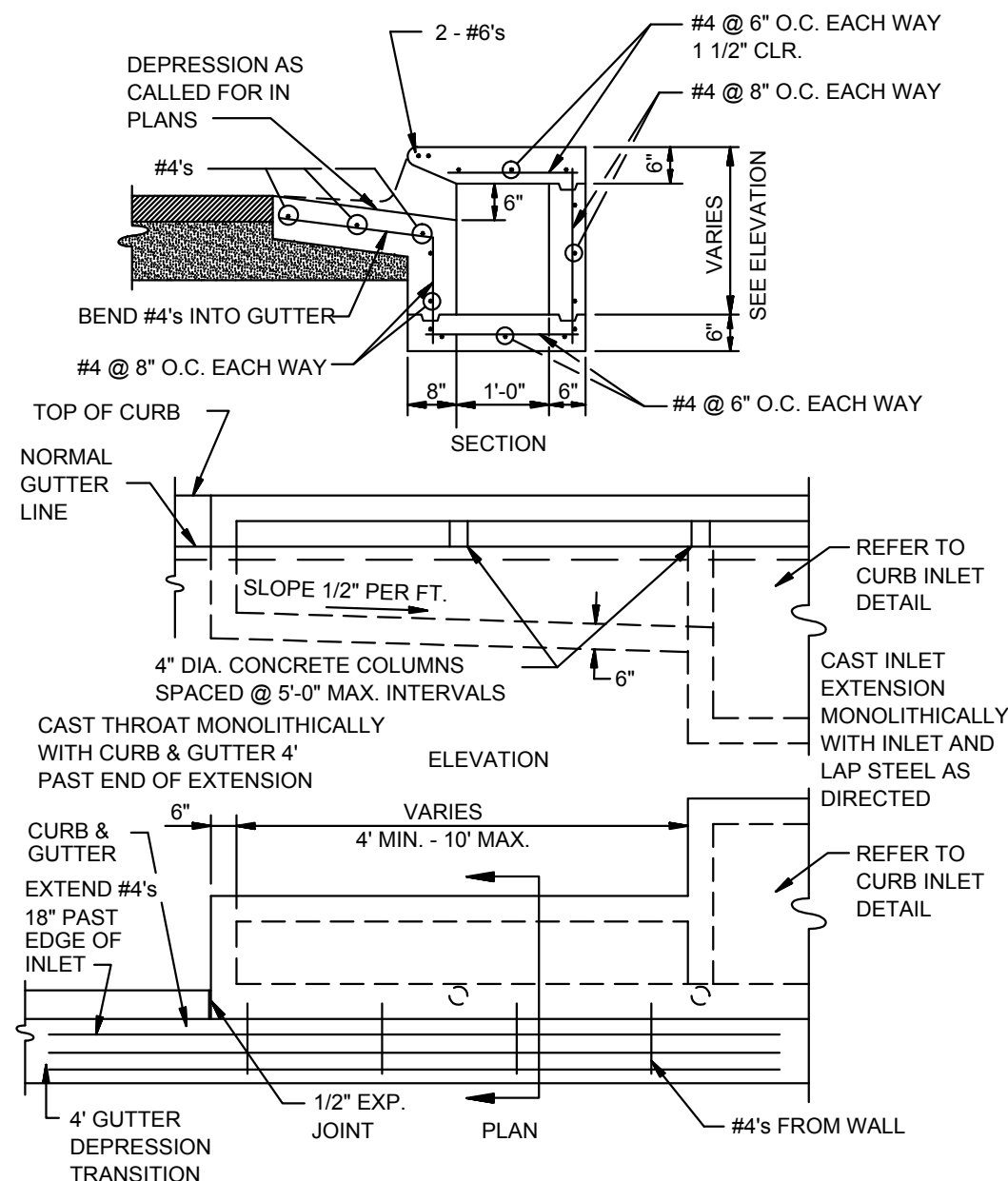
TABLE OF DIMENSIONS													
DIA. WALL	A	B	C	D	E	S	DIA. TYP	P	R1	R2	G-1	WT	n
18"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	18"	29"	15 1/2"	12"	2"	1000	1-1 1/2"
24"	3"	3"	3"	3"	3"	3"	24"	35 3/16"	18 13/16"	14"	2 1/2"	1600	1-1 1/2"
30"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	30"	41 1/2"	21 1/2"	16"	3"	2000	1-1 1/2"
36"	4"	4"	4"	4"	4"	4"	36"	47 13/16"	24 5/16"	18"	3 1/2"	2400	1-1 1/2"
42"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	42"	53 7/8"	27 1/2"	20"	3 1/2"	2800	2-2 1/2"
48"	5"	5"	5"	5"	5"	5"	48"	59 1/2"	30 1/2"	22"	4"	3200	2-2 1/2"
54"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	54"	65 1/2"	33 1/8"	24"	4"	3600	2-2 1/2"
60"	6"	6"	6"	6"	6"	6"	60"	71 1/2"	36 1/16"	26"	4"	4000	2-2 1/2"
66"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	66"	77 13/16"	38 15/16"	28"	5"	4400	2-2 1/2"
72"	7"	7"	7"	7"	7"	7"	72"	83 1/2"	41 1/2"	30"	5"	4800	2-2 1/2"

- NOTES:
- 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.
  - All reinforcing steel are #4 Bars at 6" O.C.
  - No separate payment will be made for the Curtain Walls. They shall be considered subsidiary to the Flared End Sections.
  - Tongue End On Upstream Section. Groove End On Downstream Section.

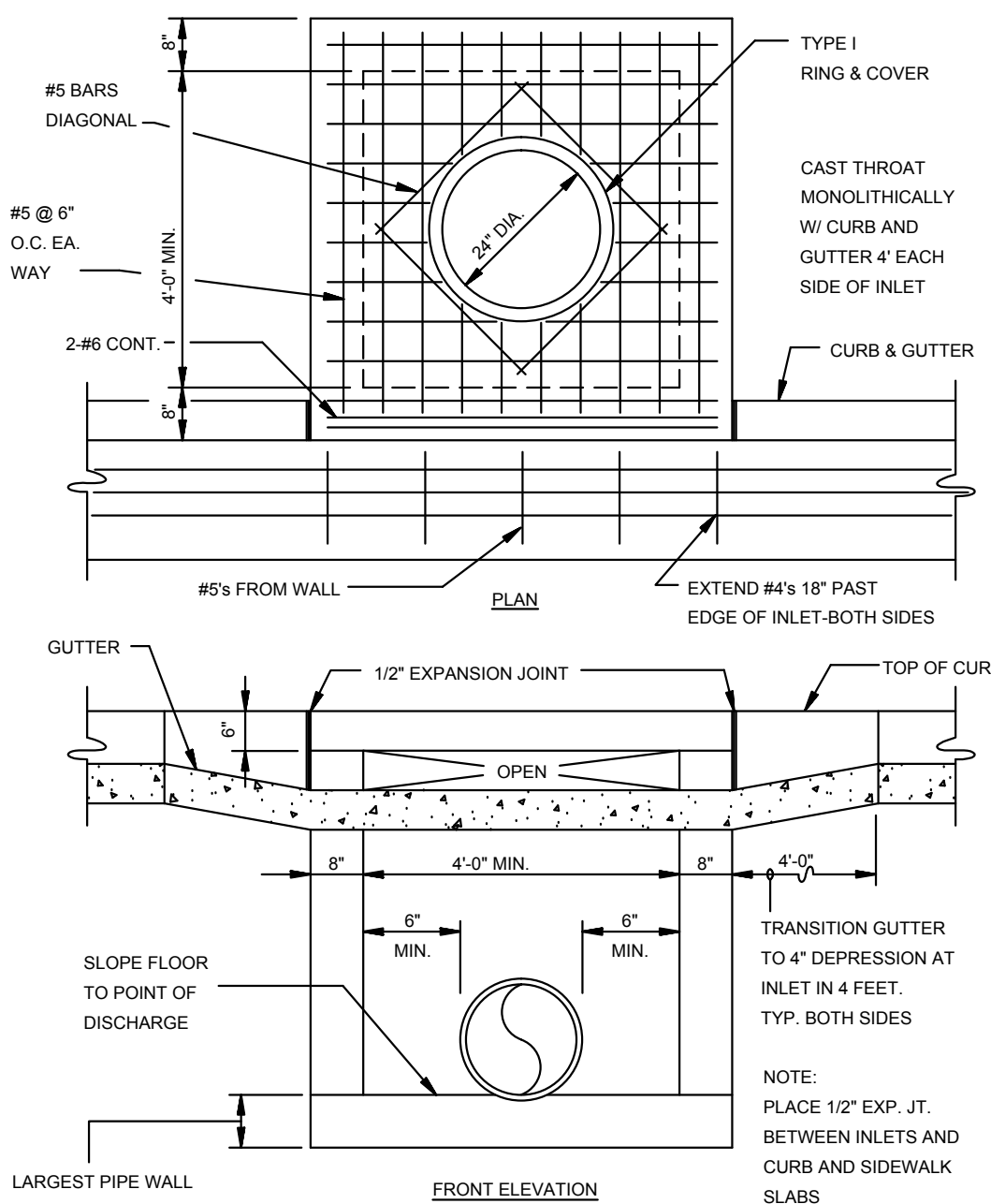
**FLARED END SECTION DETAIL FOR  
REINFORCED CONCRETE PIPE CULVERT**  
N.T.S.



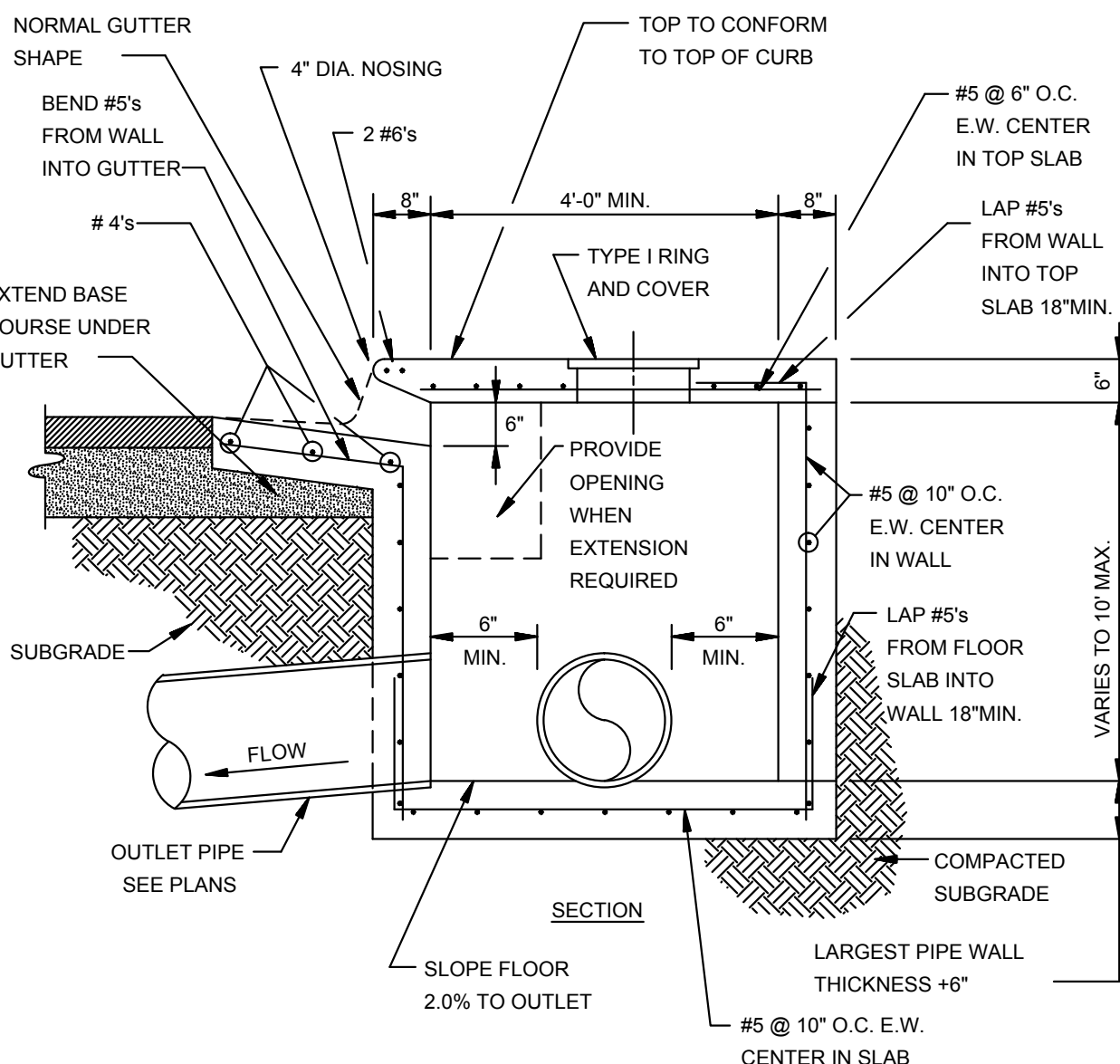
**CURB OPENING**  
N.T.S.



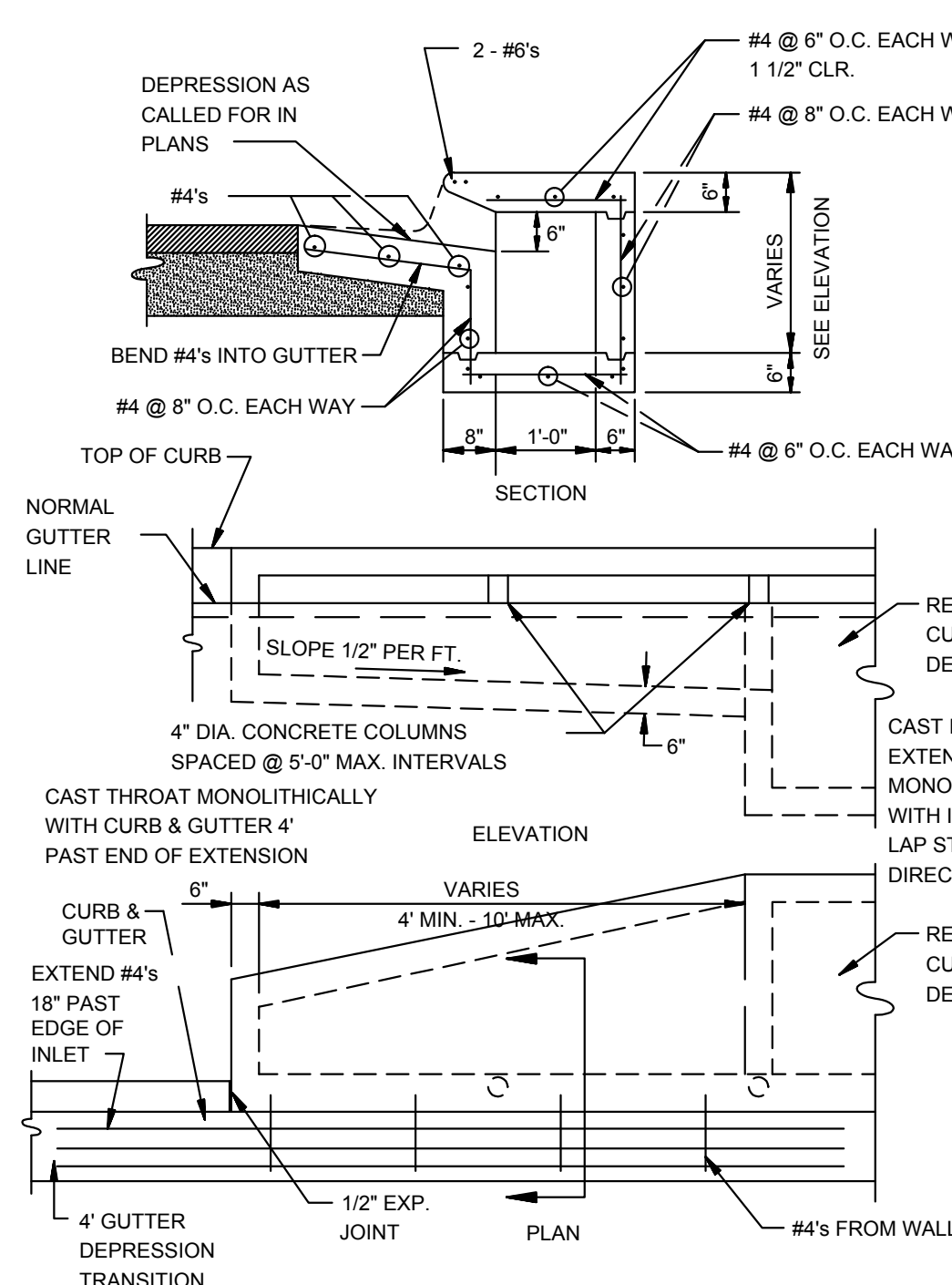
**RECTANGULAR CURB INLET EXTENSION**  
N.T.S.



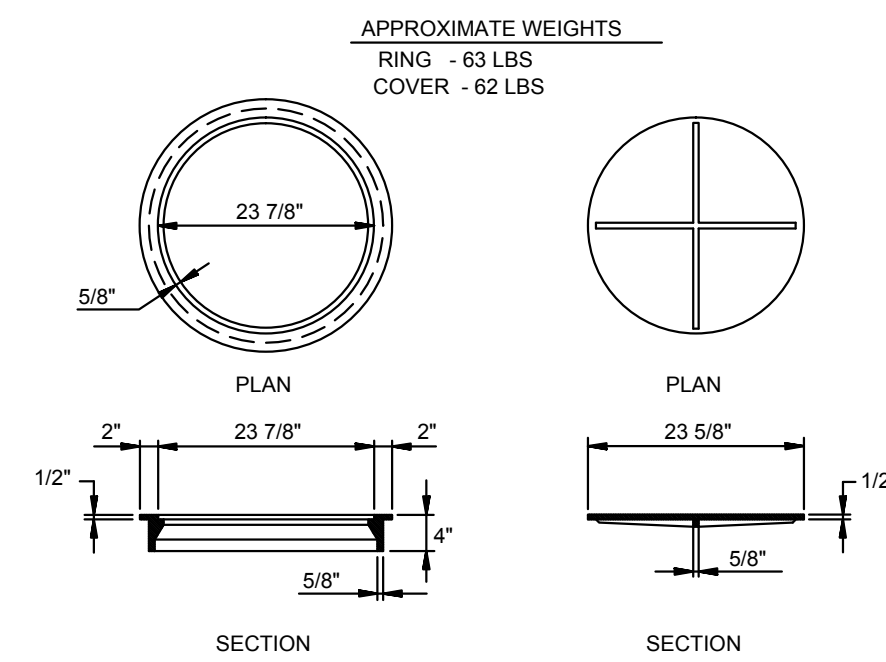
**RECTANGULAR CURB INLET**  
N.T.S.



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

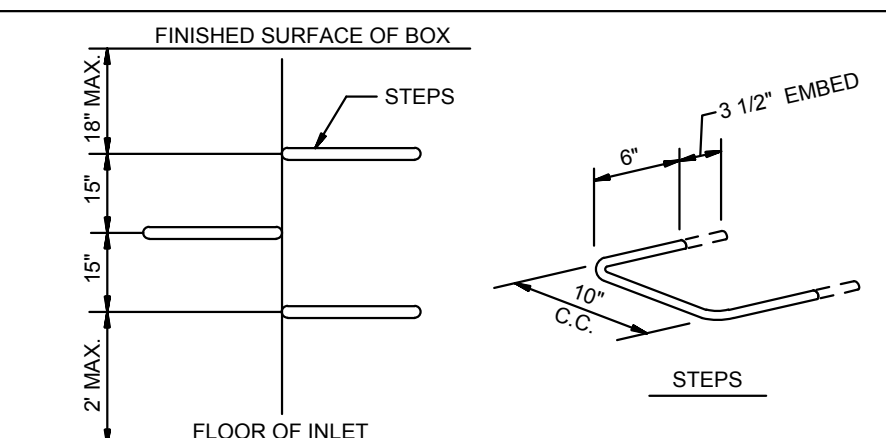


**ALTERNATE CURB INLET EXTENSION**  
N.T.S.



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

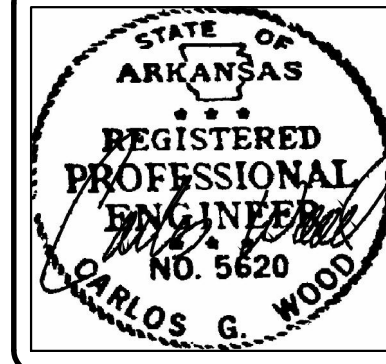
NOTE: TYPE I FRAME AND COVER PERMITTED ONLY ON STRUCTURES NOT SUBJECT TO VEHICULAR TRAFFIC.



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

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

DET-1



**BRIDGER PARK PHASE II**  
JONESBORO, AR

TYPICAL  
STREET DETAILS

DATE: 4/4/17  
REV:

DRAWN BY: BGV

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