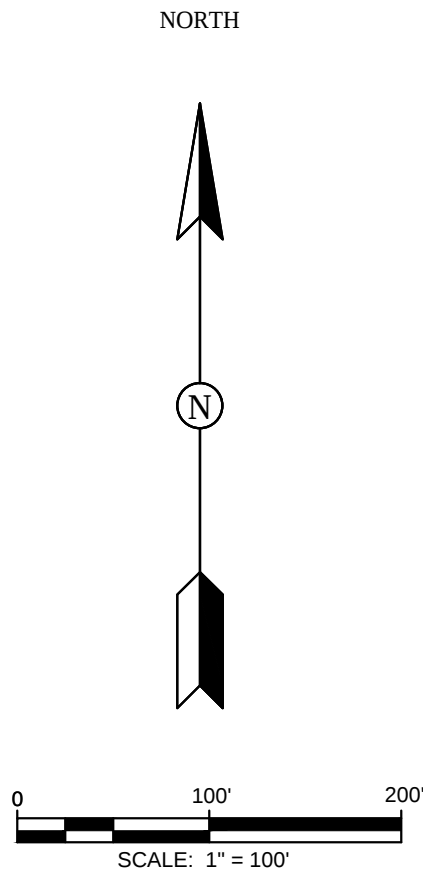




STR-2

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 5620
CARLOS G. WOOD

BRIDLEWOOD PHASE III
JONESBORO, AR

OVERALL MAP

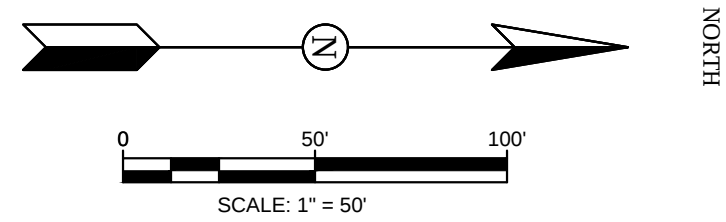
DATE: 10/1/16
REV:

DRAWN BY: BGW

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

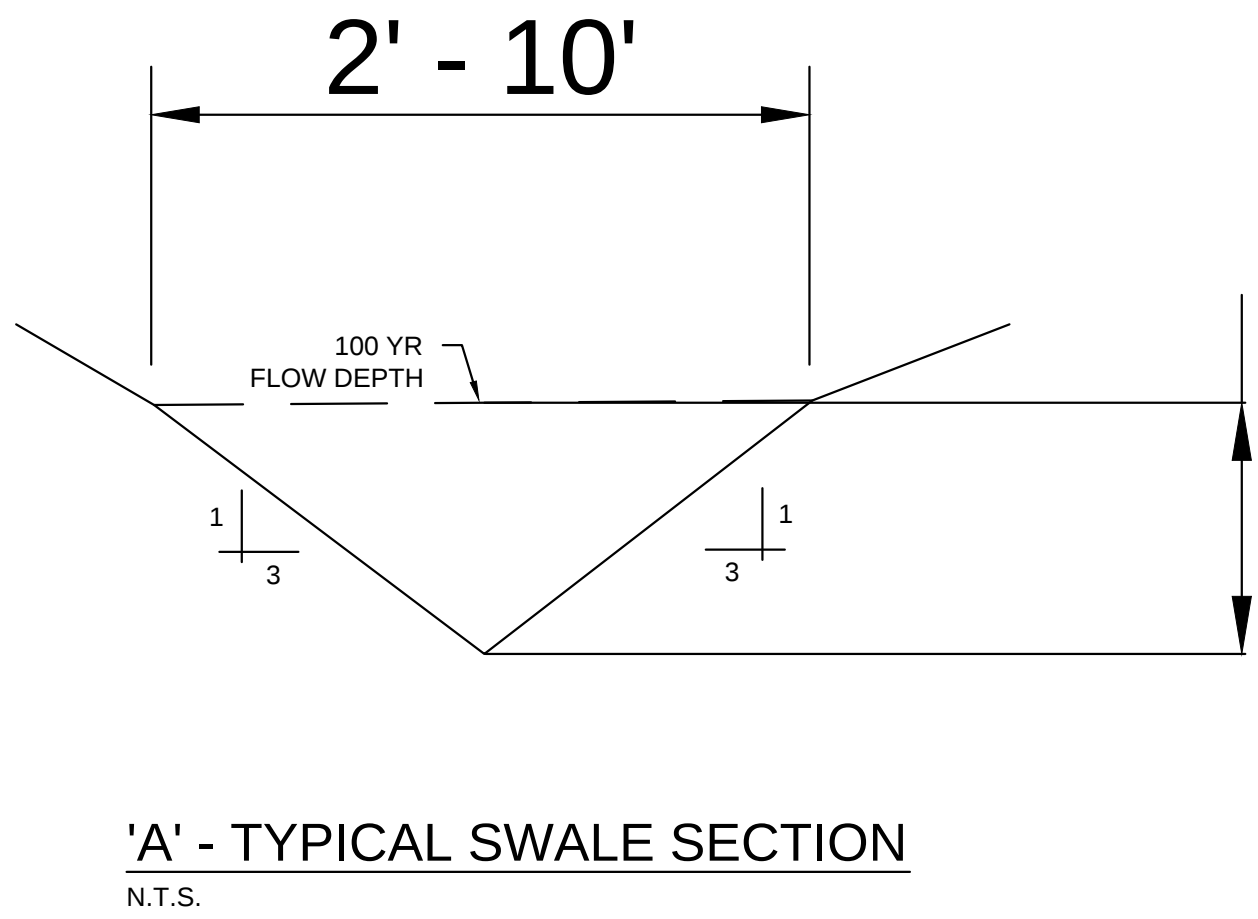
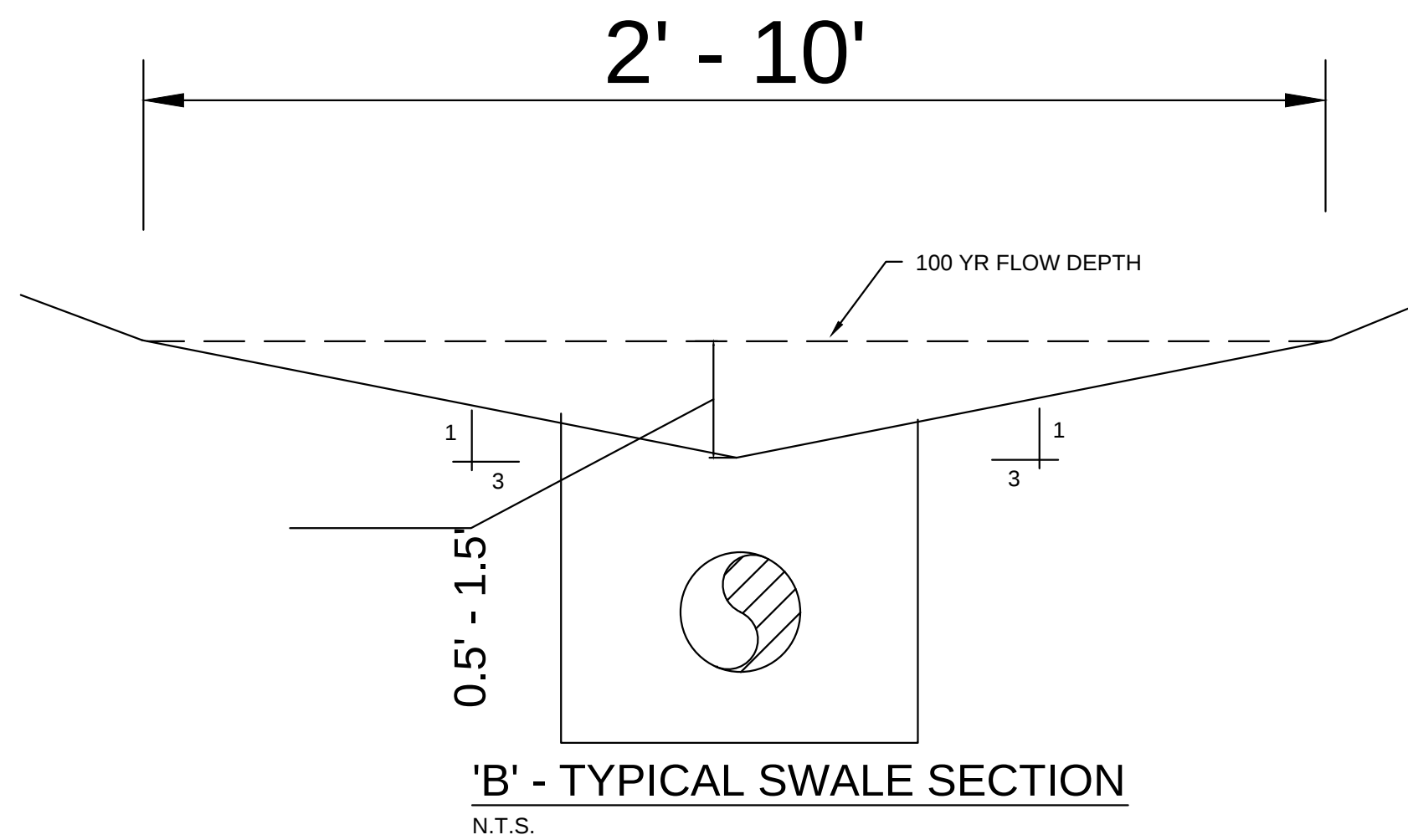
C

W



FUTURE PHASE

FUTURE PHASE



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:

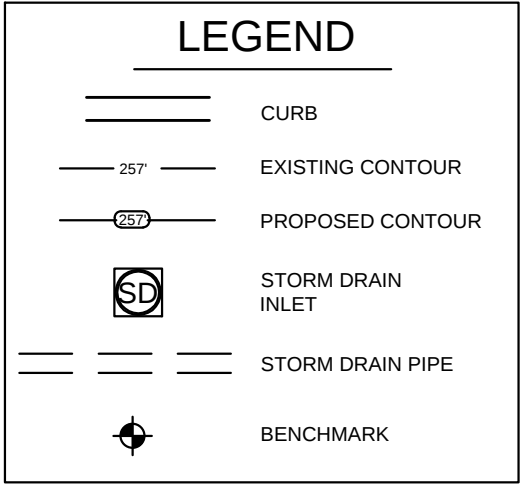
DEVELOPER SHALL OBTAIN GRADING PERMIT FROM THE
CITY OF JONESBORO ENGINEERING DEPARTMENT PRIOR TO
COMMENCING EARTHWORK AND/OR CLEARING OPERATIONS.

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:

- NGS - B 315, PID: FF2198
- JONESBORO GPS # 42

VERTICAL CONTROL IS NAVD 88
HORIZONTAL CONTROL IS NAD 83



STR-1

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 5620
CARLOS G. WOOD

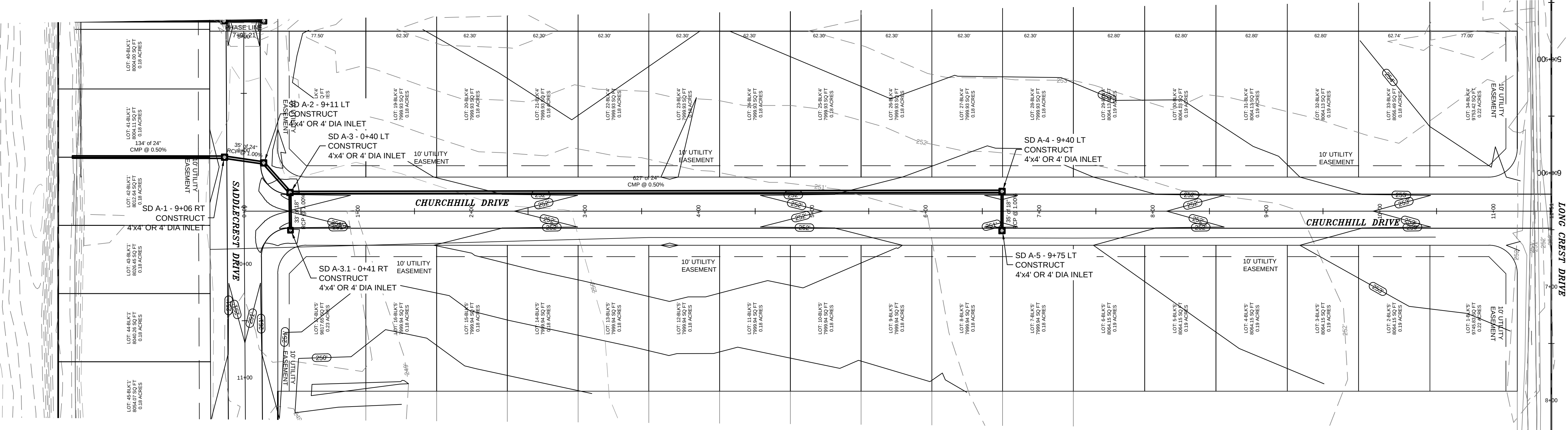
BRIDLEWOOD PHASE III
JONESBORO, AR

TOPOGRAPHY &
DRAINAGE PLAN

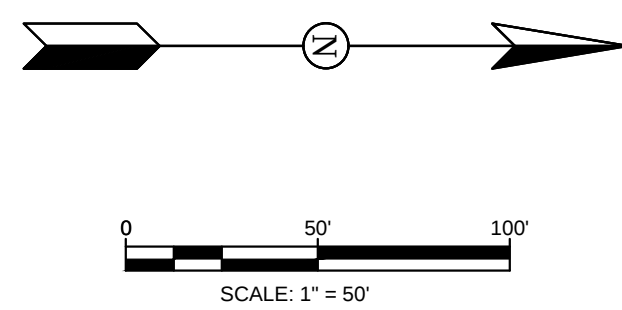
DATE: 10/1/16
REV:

DRAWN BY: BGW

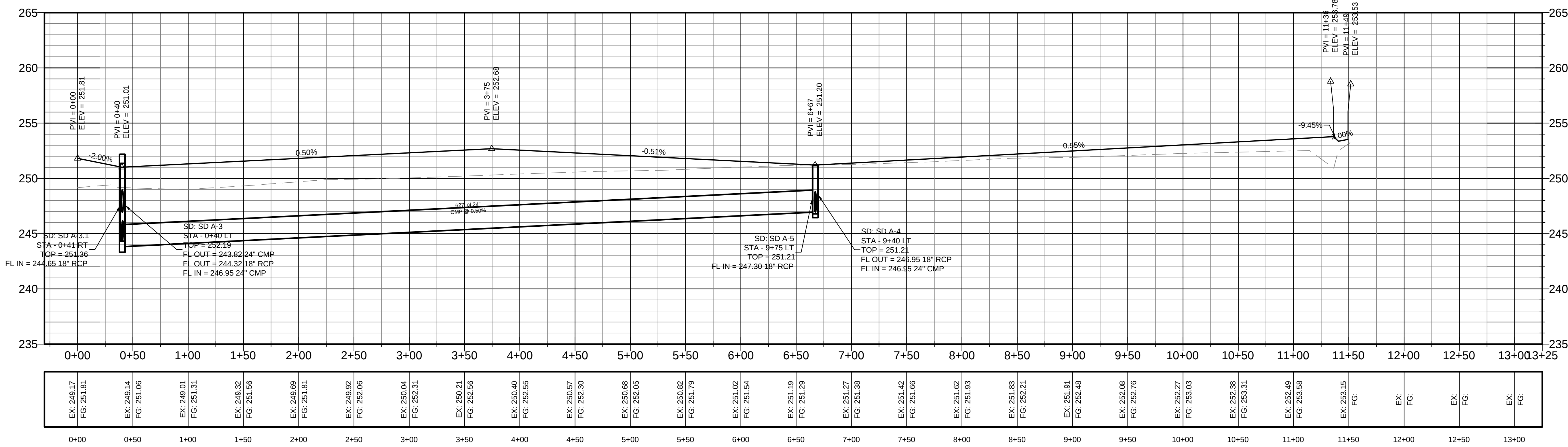
CARLOS WOOD, P.E.
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EMAIL: WOODENGR@SRCGLOBAL.NET
WEBSITE: WWW.WOODENGR.COM



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

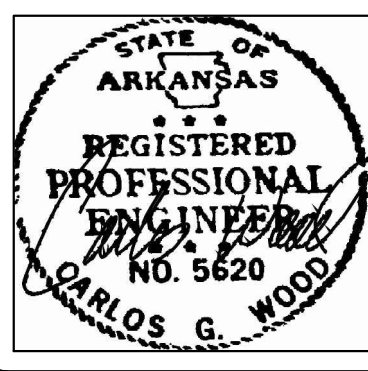


PROFILE SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



CHURCHILL DRIVE

STR-3



BRIDLEWOOD PHASE III

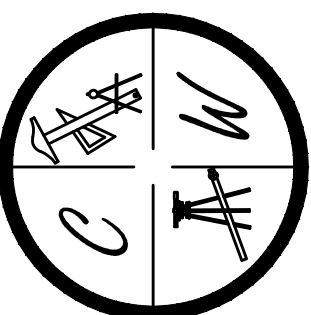
JONESBORO, AR

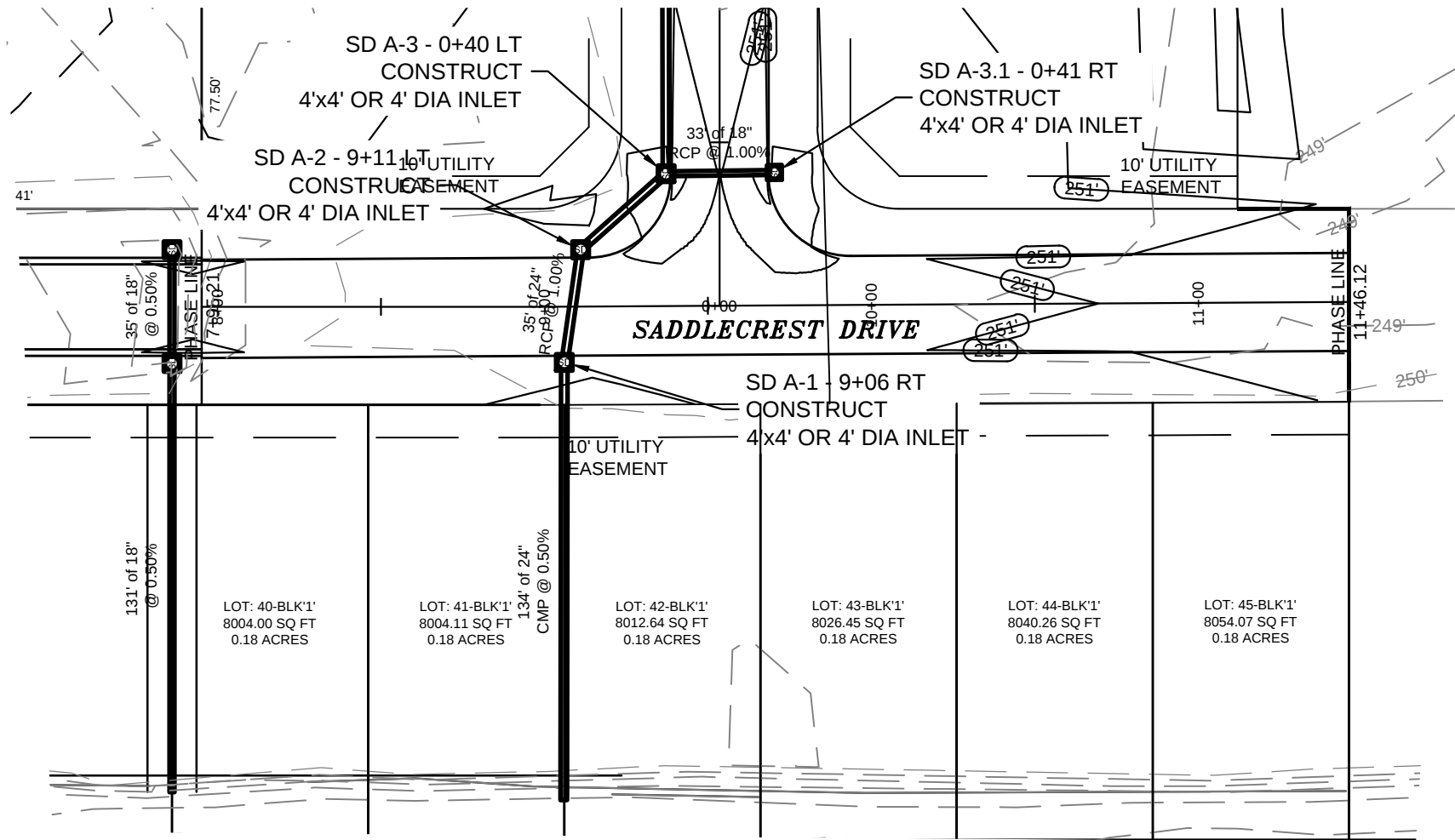
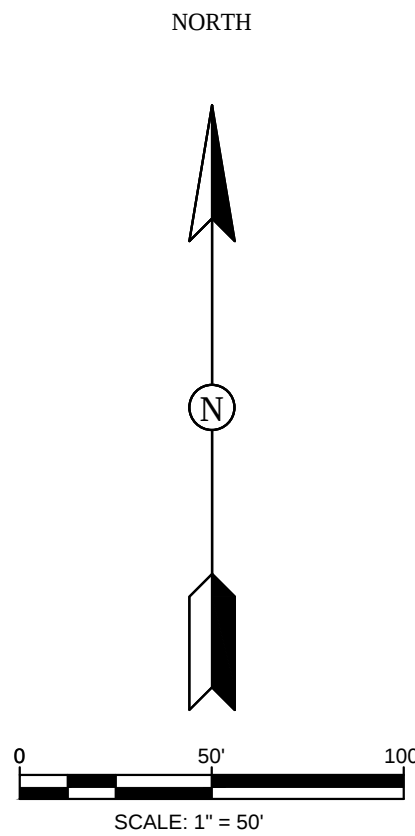
CHIRCHILL DRIVE
PLAN & PROFILE

DATE: 7/25/16
REV:

DRAWN BY: BCW

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-929, ASTM A-760

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

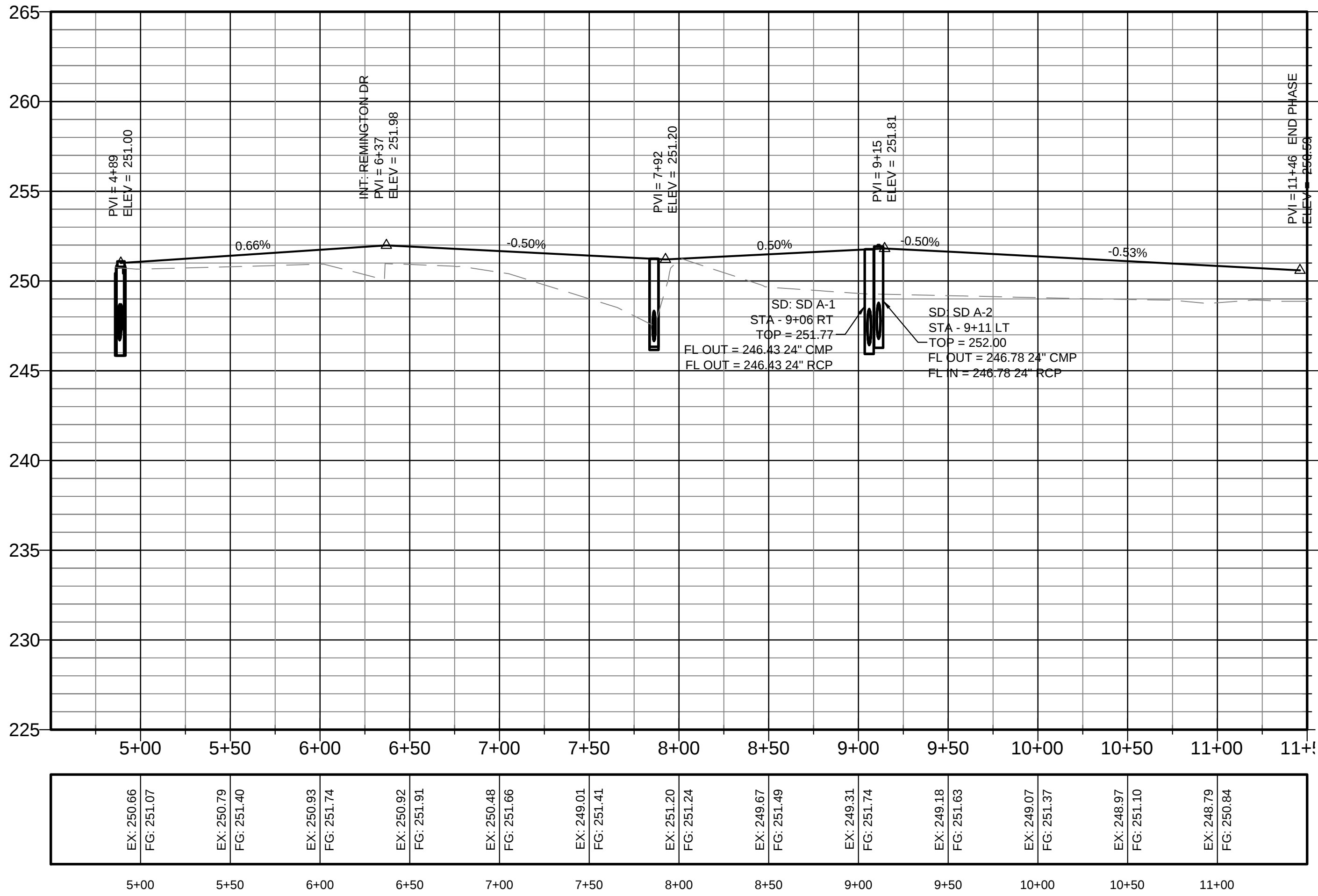
STR-4

BRIDLEWOOD PHASE III
JONESBORO, AR

SADDLECREST DRIVE
PLAN & PROFILE

PROFILE SCALE:

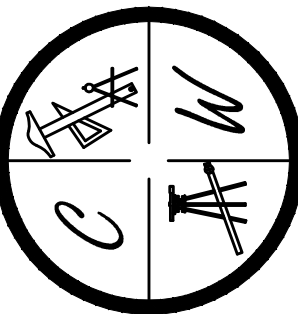
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

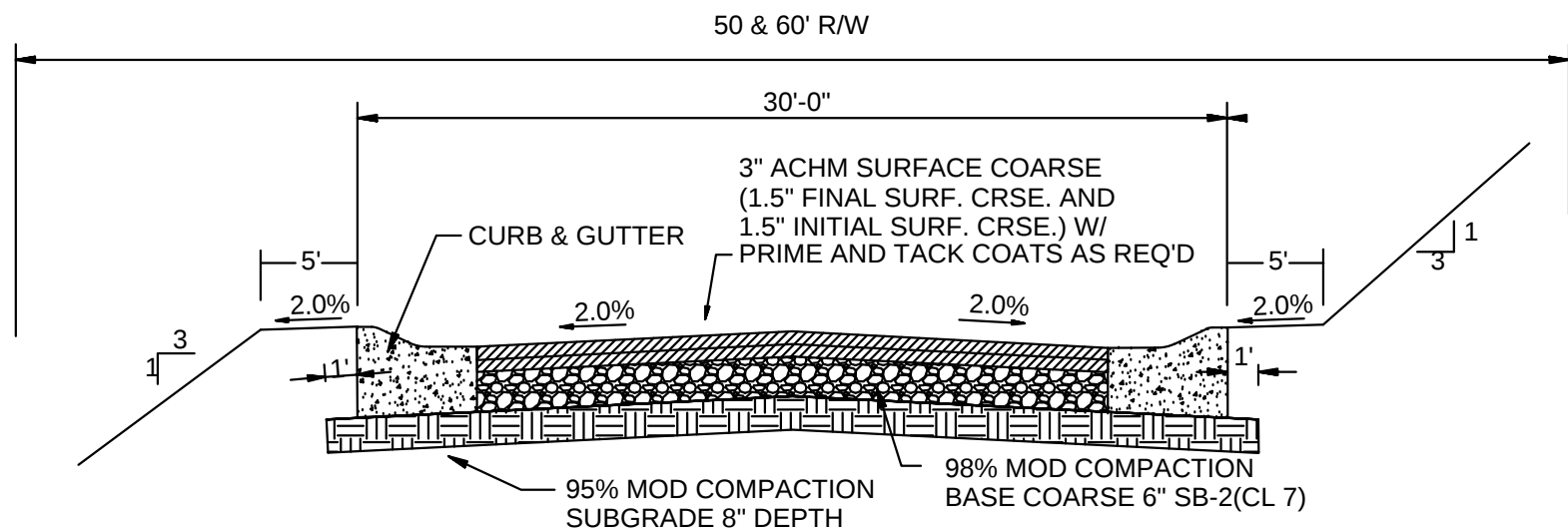


DATE: 7/25/16
REV:

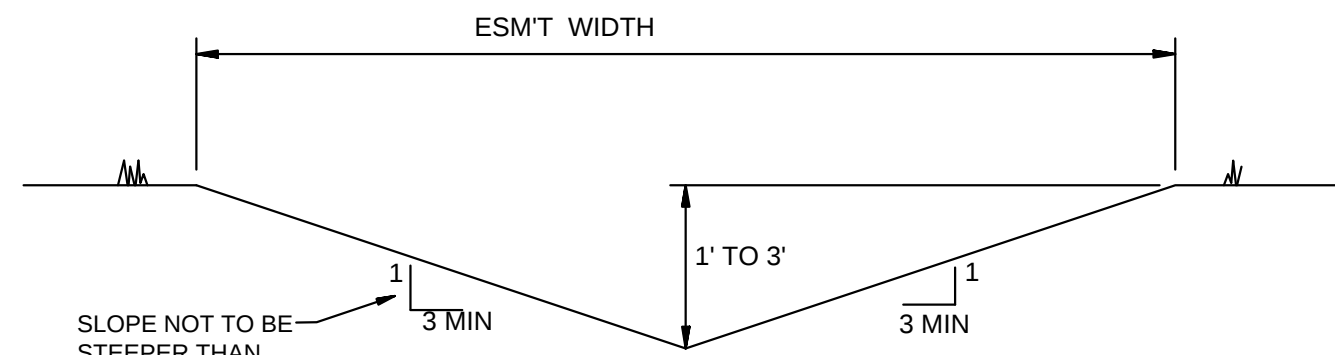
DRAWN BY: BOW

CARLOS WOOD, P.E.
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BONO, AR 72416
PHONE: (870) 972-8335
EMAIL: WOODENR@SBCGLOBAL.NET
WEBSITE: WWW.WOODENR.COM

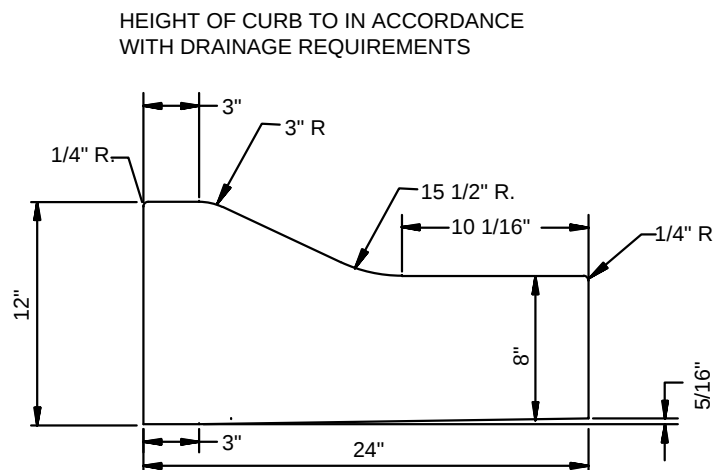




TYPICAL SECTION - INTERIOR STREETS
N.T.S.



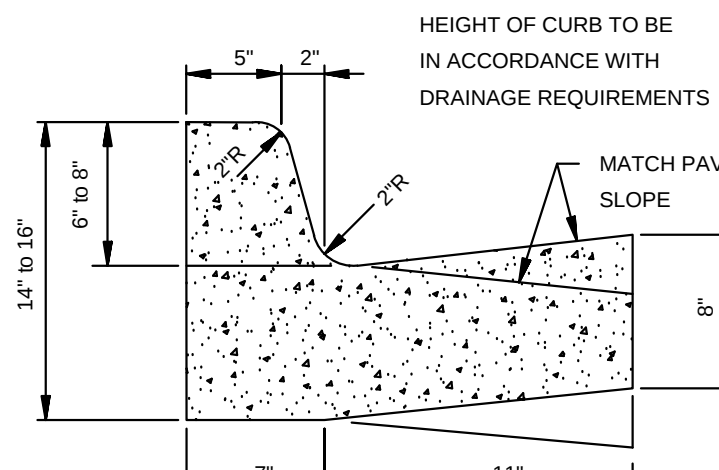
'A' TYPICAL DITCH DETAIL
N.T.S.



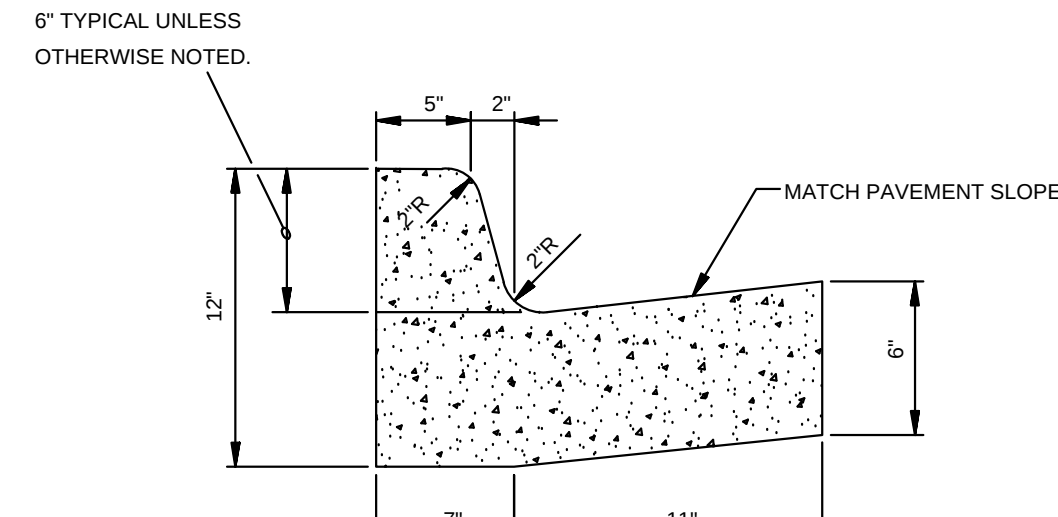
TYPE 'B' CURB & GUTTER
N.T.S.

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



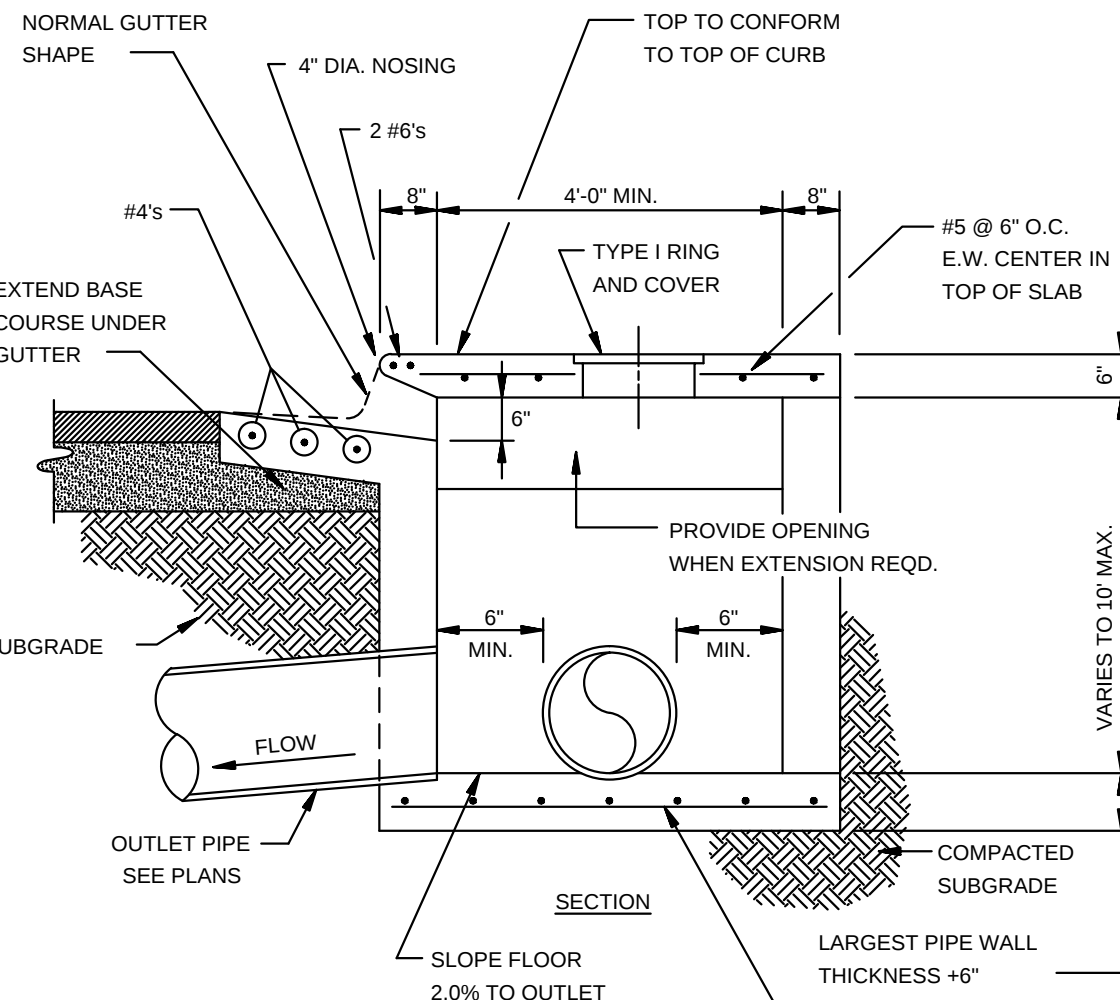
TYPE 'A-18' (BARRIER) ARTERIAL STREETS



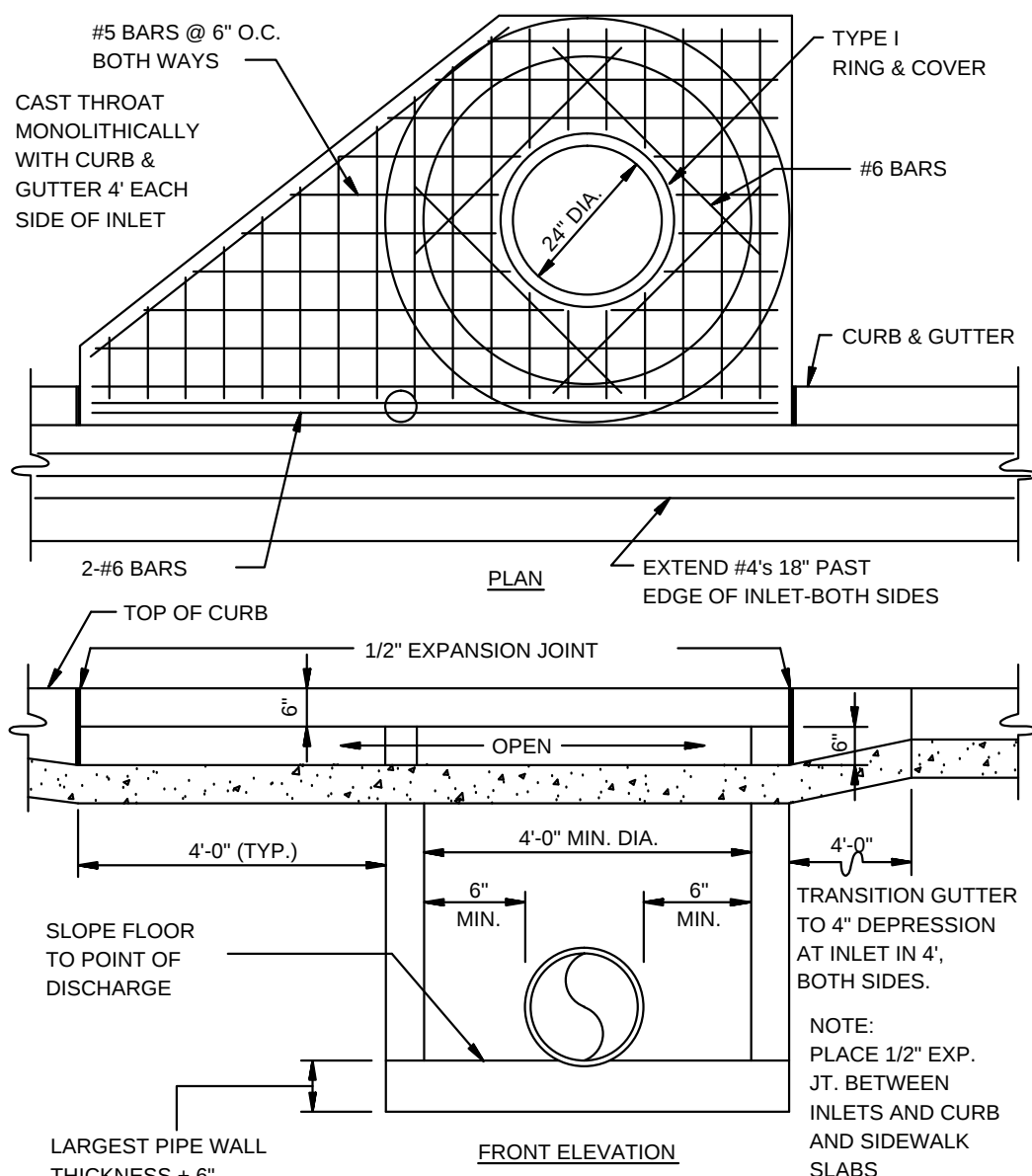
TYPE 'A-18' (BARRIER) RESIDENTIAL & COLLECTOR STREETS

COMBINATION CURB & GUTTER
N.T.S.

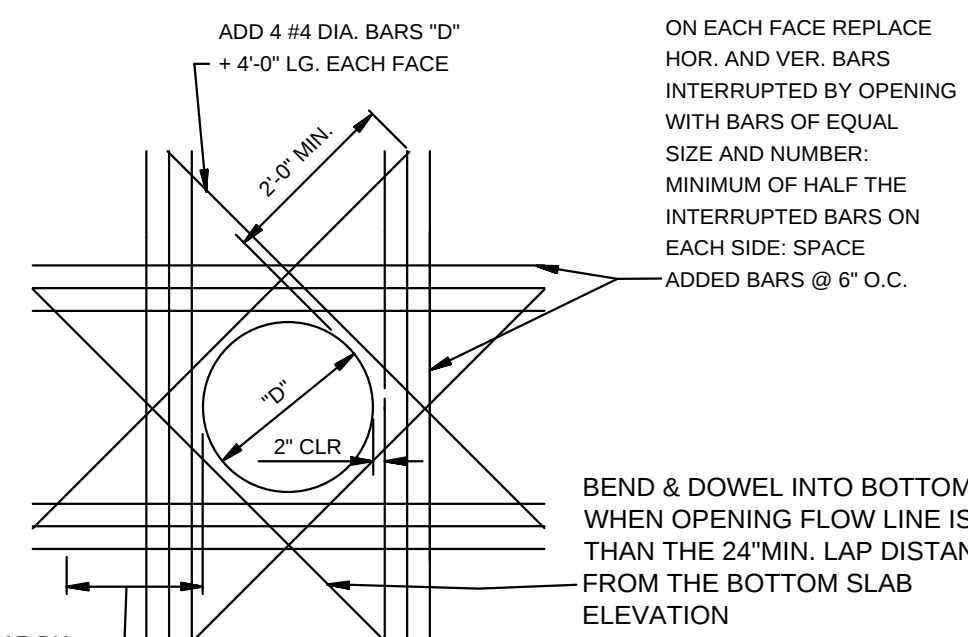
NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.



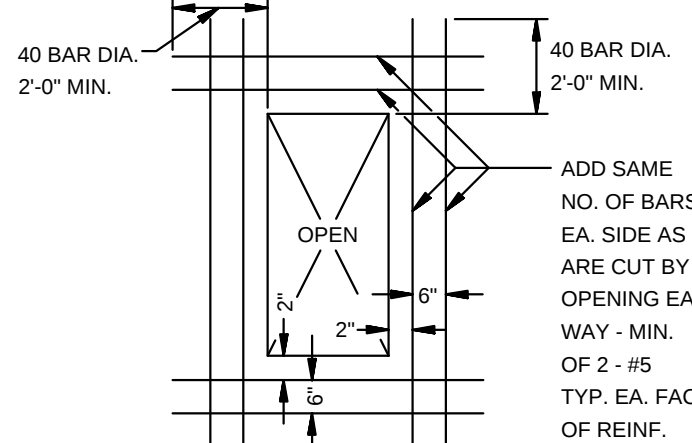
SECTION - CIRCULAR CURB INLET
N.T.S.



**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.

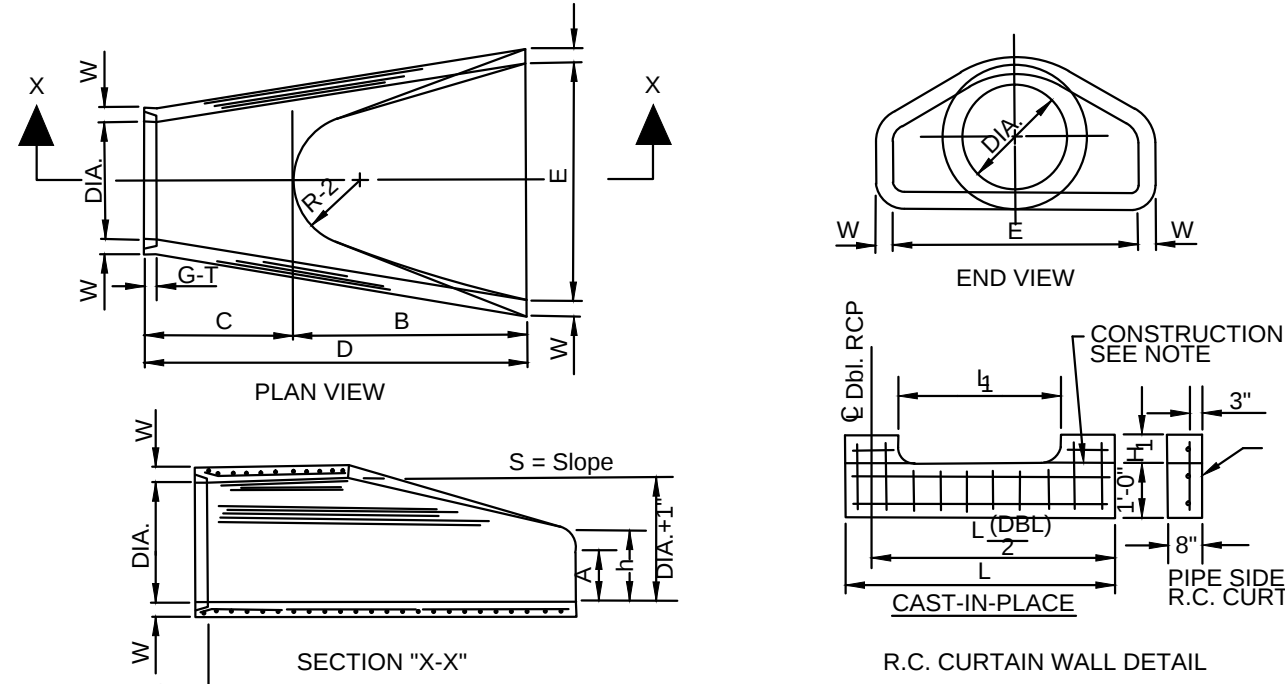
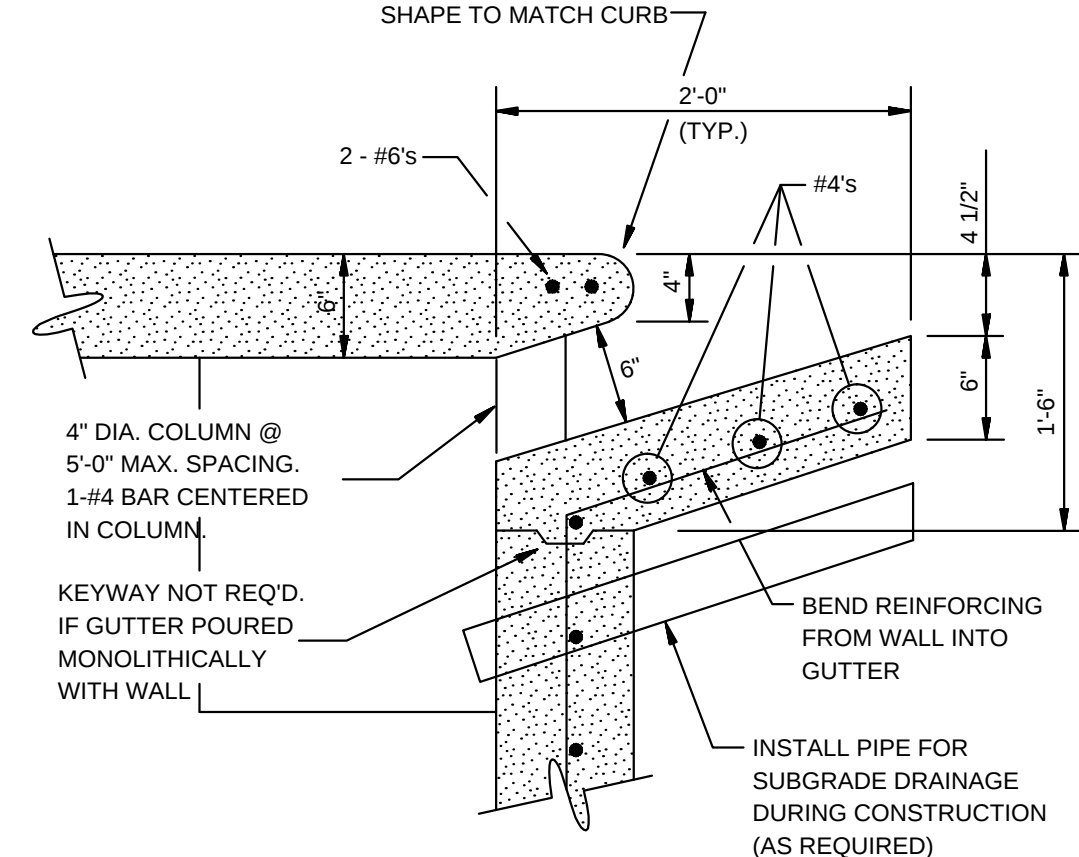


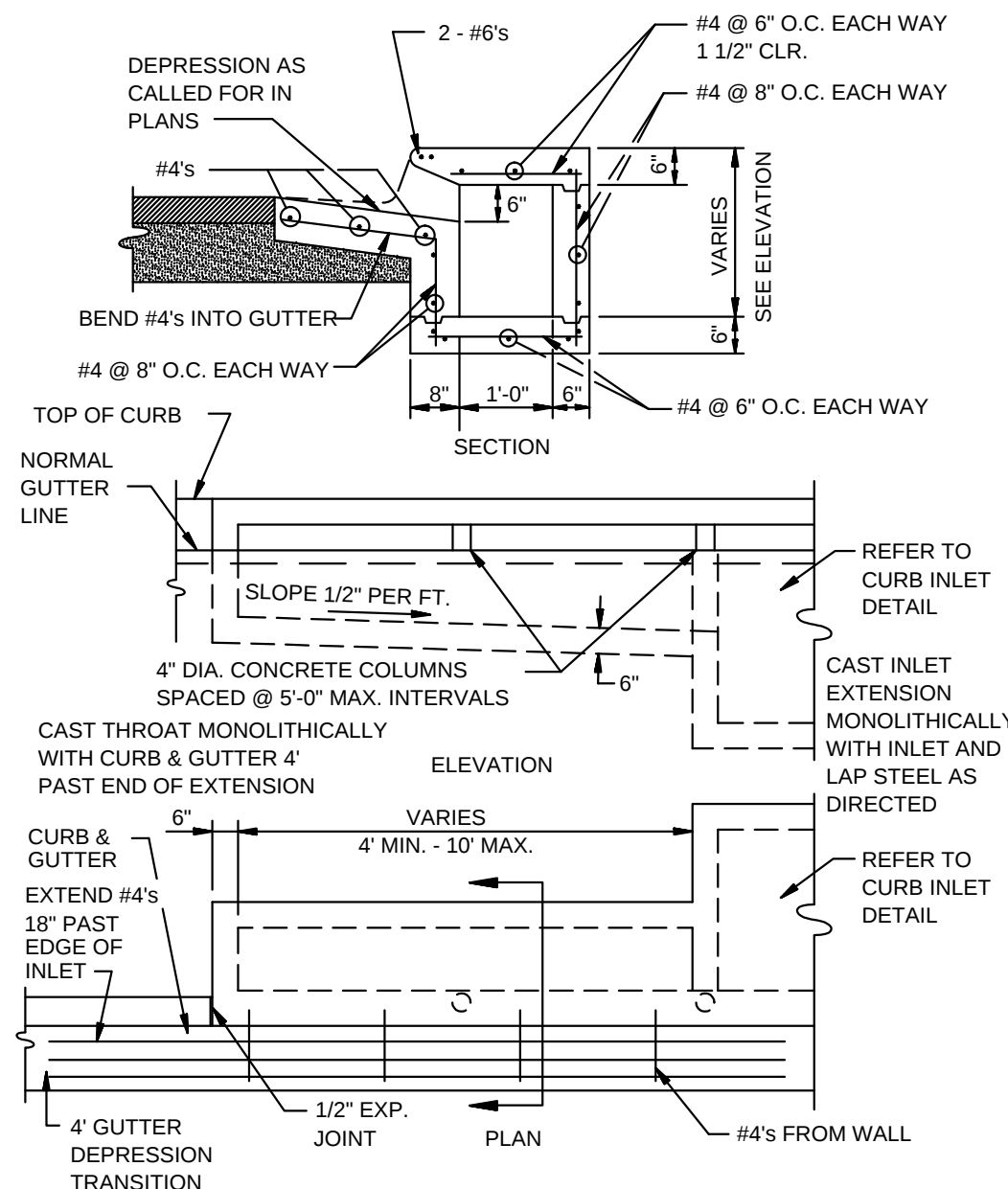
TABLE OF DIMENSIONS													
DIA. WALL	A	B	C	D	E	S	DIA. T	P	R1	R2	G-T	WT	n
18"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	18"	29"	15 1/2"	12"	2"	1000	1-1 1/2"
24"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	24"	33 3/16"	16 1/8"	14"	2 1/2"	1600	1-1 1/2"
30"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	30"	37 1/2"	18 3/8"	16"	3"	2000	1-1 1/2"
36"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	5 1/2"	36"	41 1/2"	21 1/8"	18"	3 1/2"	2400	1-1 1/2"
42"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	42"	45 1/2"	24 1/8"	20"	4"	2800	2-2 1/2"
48"	7 1/2"	7 1/2"	7 1/2"	7 1/2"	7 1/2"	7 1/2"	48"	49 1/2"	27 1/8"	22"	4 1/2"	3200	2-2 1/2"
54"	8 1/2"	8 1/2"	8 1/2"	8 1/2"	8 1/2"	8 1/2"	54"	53 1/2"	30 1/8"	24"	5"	3600	2-2 1/2"
60"	9 1/2"	9 1/2"	9 1/2"	9 1/2"	9 1/2"	9 1/2"	60"	57 1/2"	33 1/8"	26"	5 1/2"	4000	2-2 1/2"
66"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	10 1/2"	66"	61 1/2"	36 1/8"	28"	6"	4400	2-2 1/2"
72"	11 1/2"	11 1/2"	11 1/2"	11 1/2"	11 1/2"	11 1/2"	72"	65 1/2"	39 1/8"	30"	6 1/2"	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.

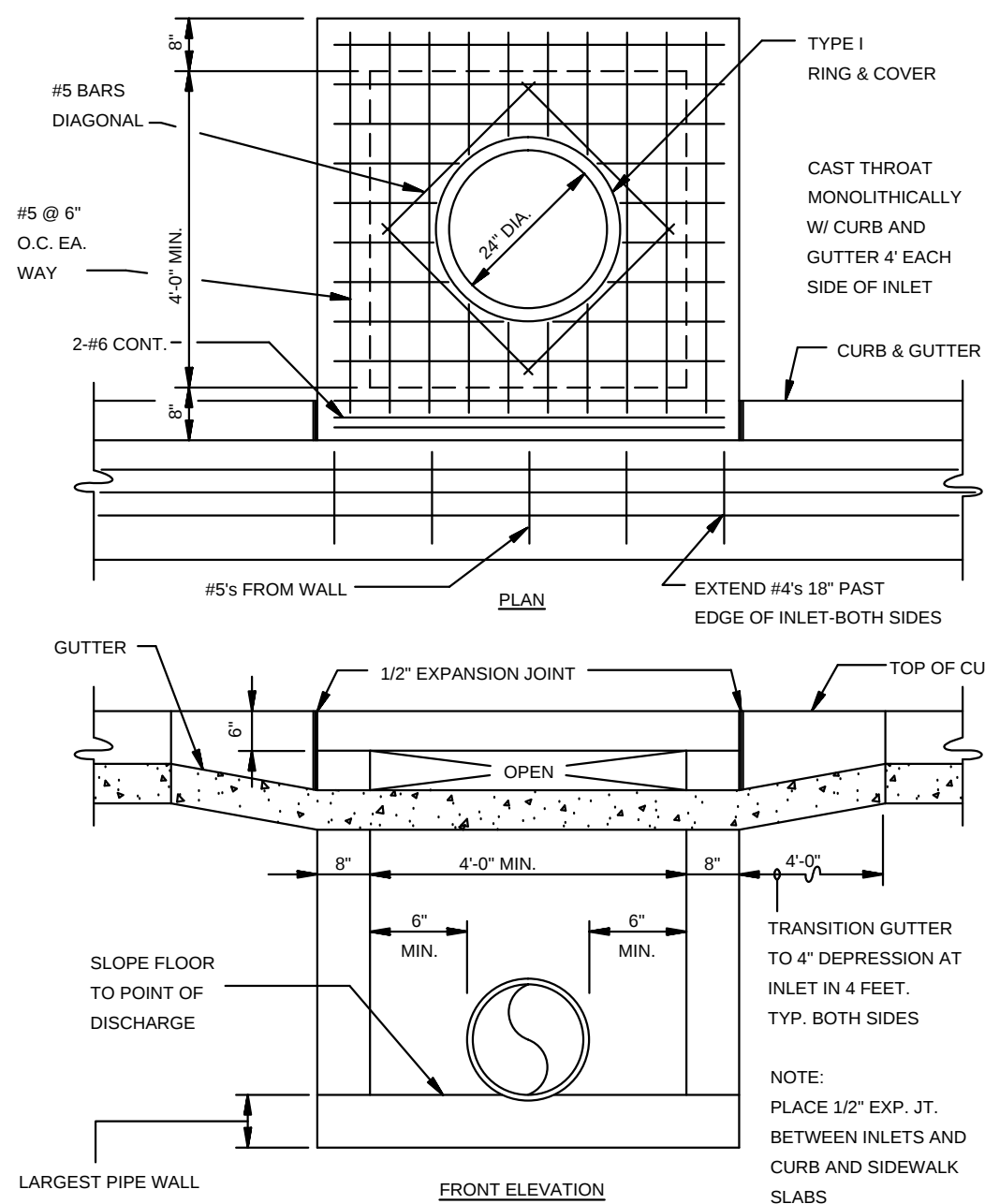
**FLARED END SECTION DETAIL FOR
REINFORCED CONCRETE PIPE CULVERT**
N.T.S.



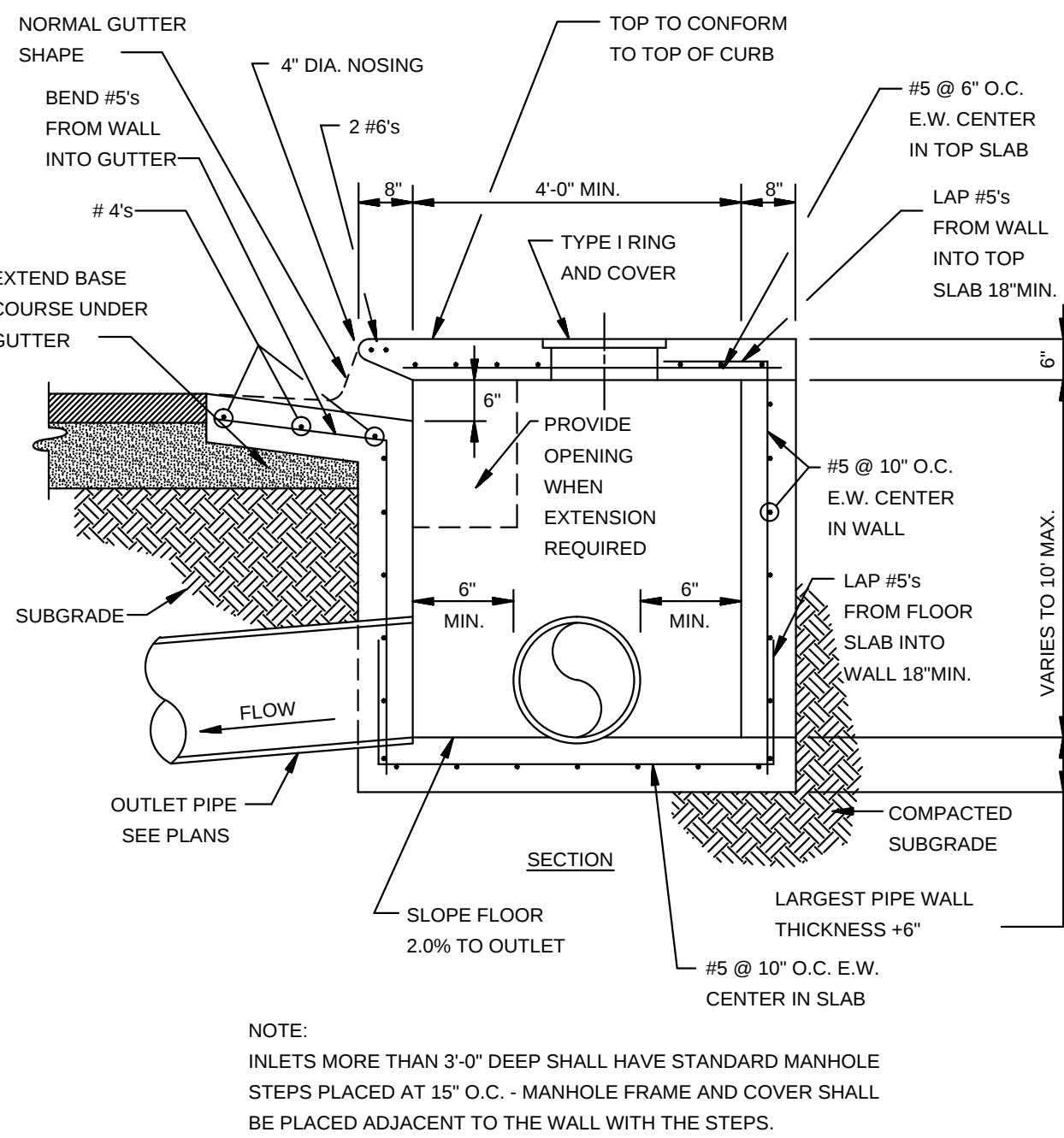
CURB OPENING
N.T.S.



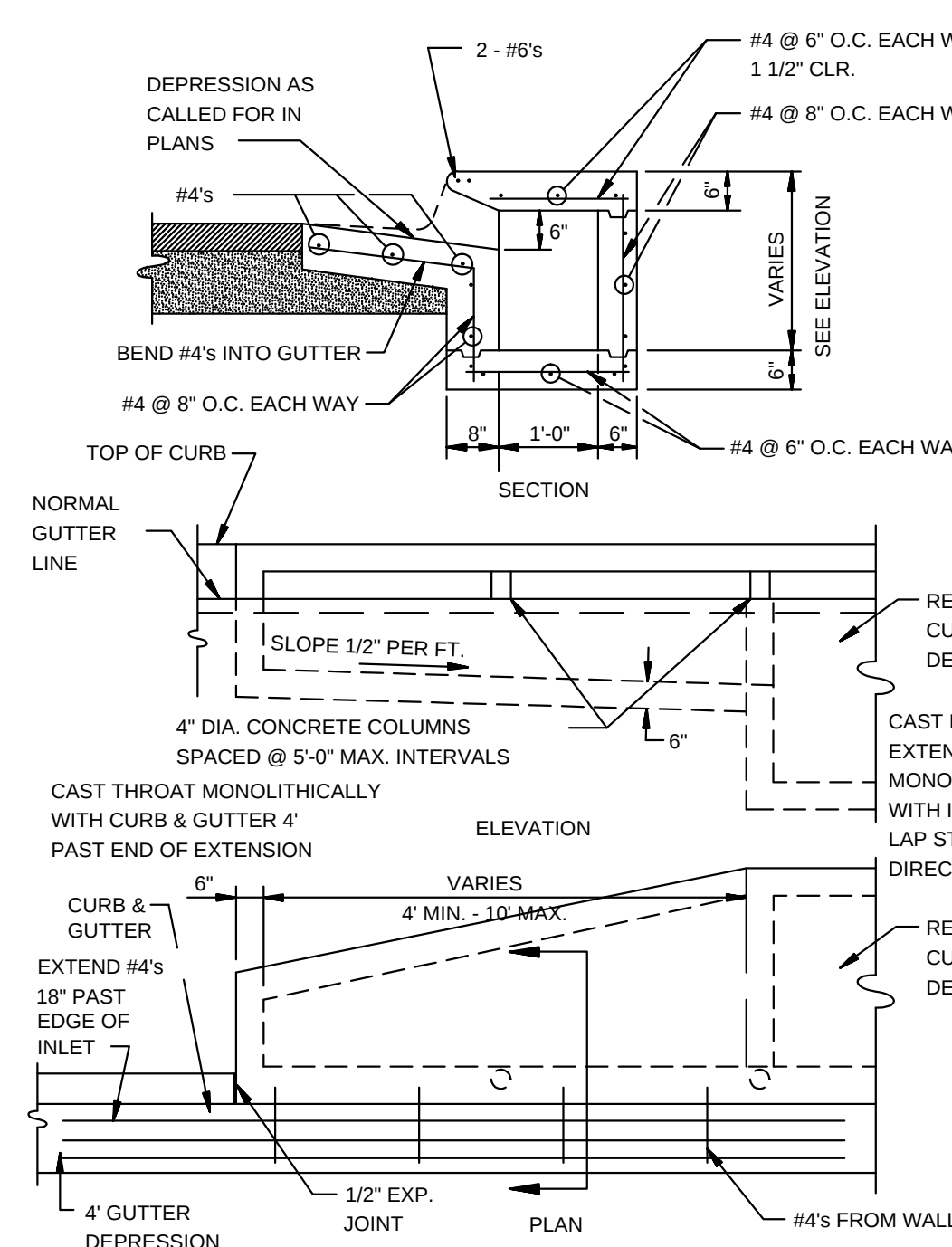
RECTANGULAR CURB INLET EXTENSION
N.T.S.



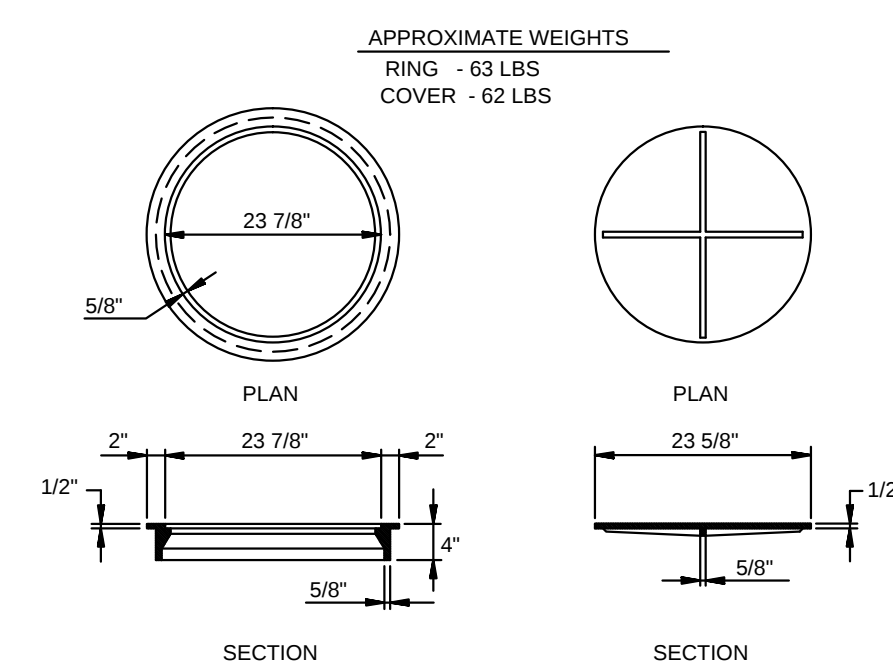
RECTANGULAR CURB INLET
N.T.S.



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

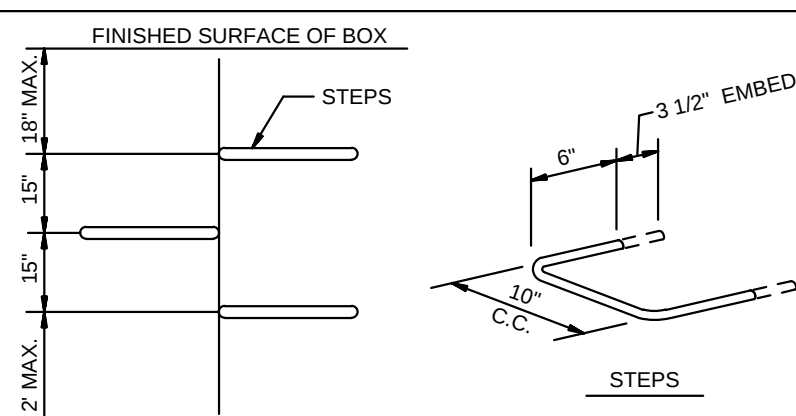


ALTERNATE CURB INLET EXTENSION
N.T.S.



TYPE I RING & COVER
N.T.S.

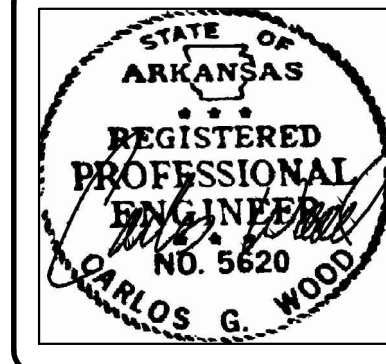
NOTE: TYPE I FRAME AND COVER PERMITTED ONLY ON STRUCTURES NOT SUBJECT TO VEHICULAR TRAFFIC.



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



BRIDLEWOOD PHASE III
JONESBORO, AR

TYPICAL
STREET DETAILS

DATE: 10/1/16
REV:

DRAWN BY: BGN

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