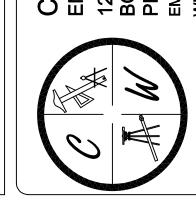
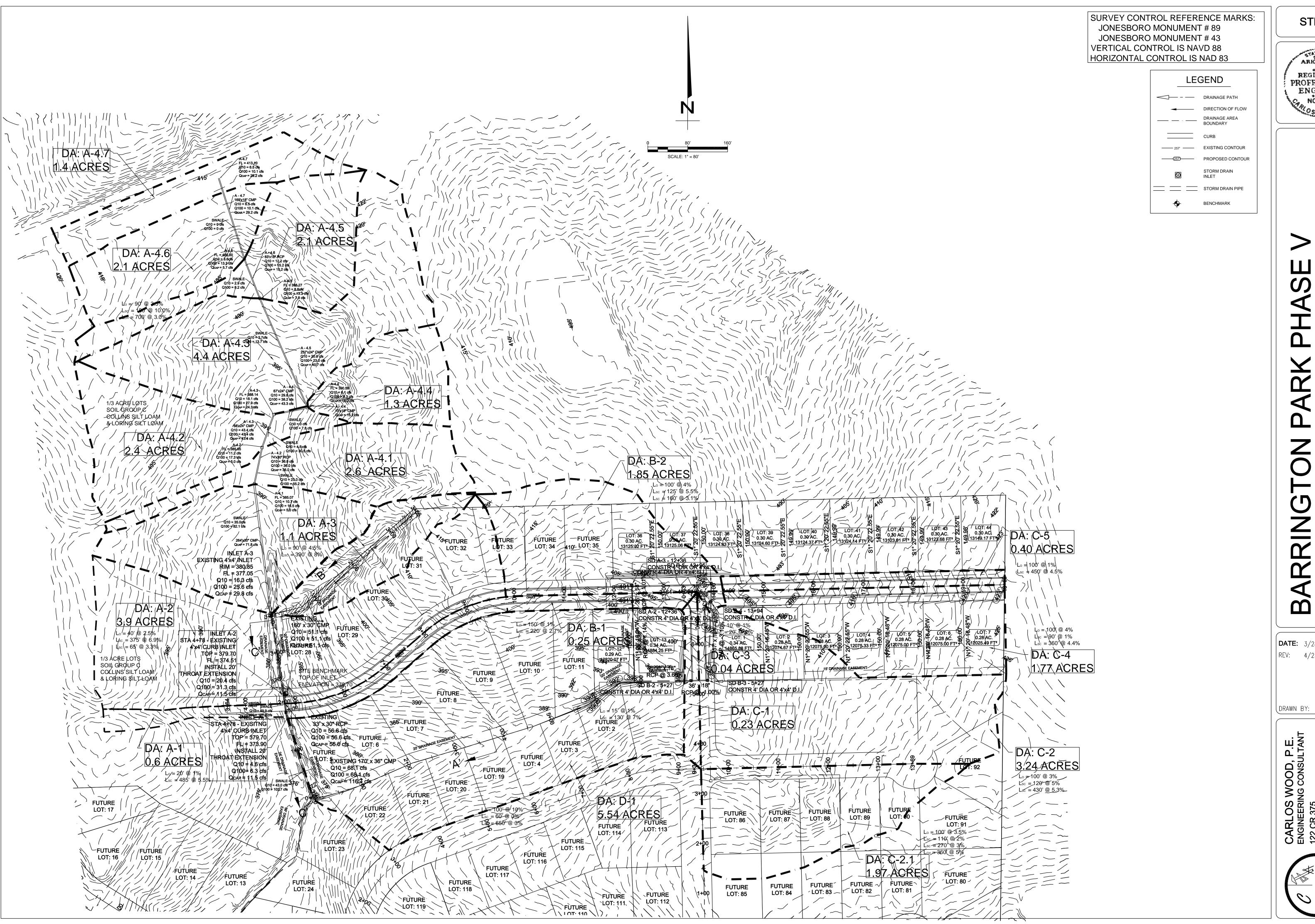


ARKANSAS
REGISTERED
PROFESSIONAL ENGINEER

NO. 5620



HORIZONTAL CONTROL IS NAD 83

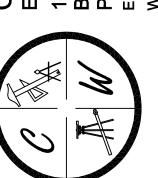


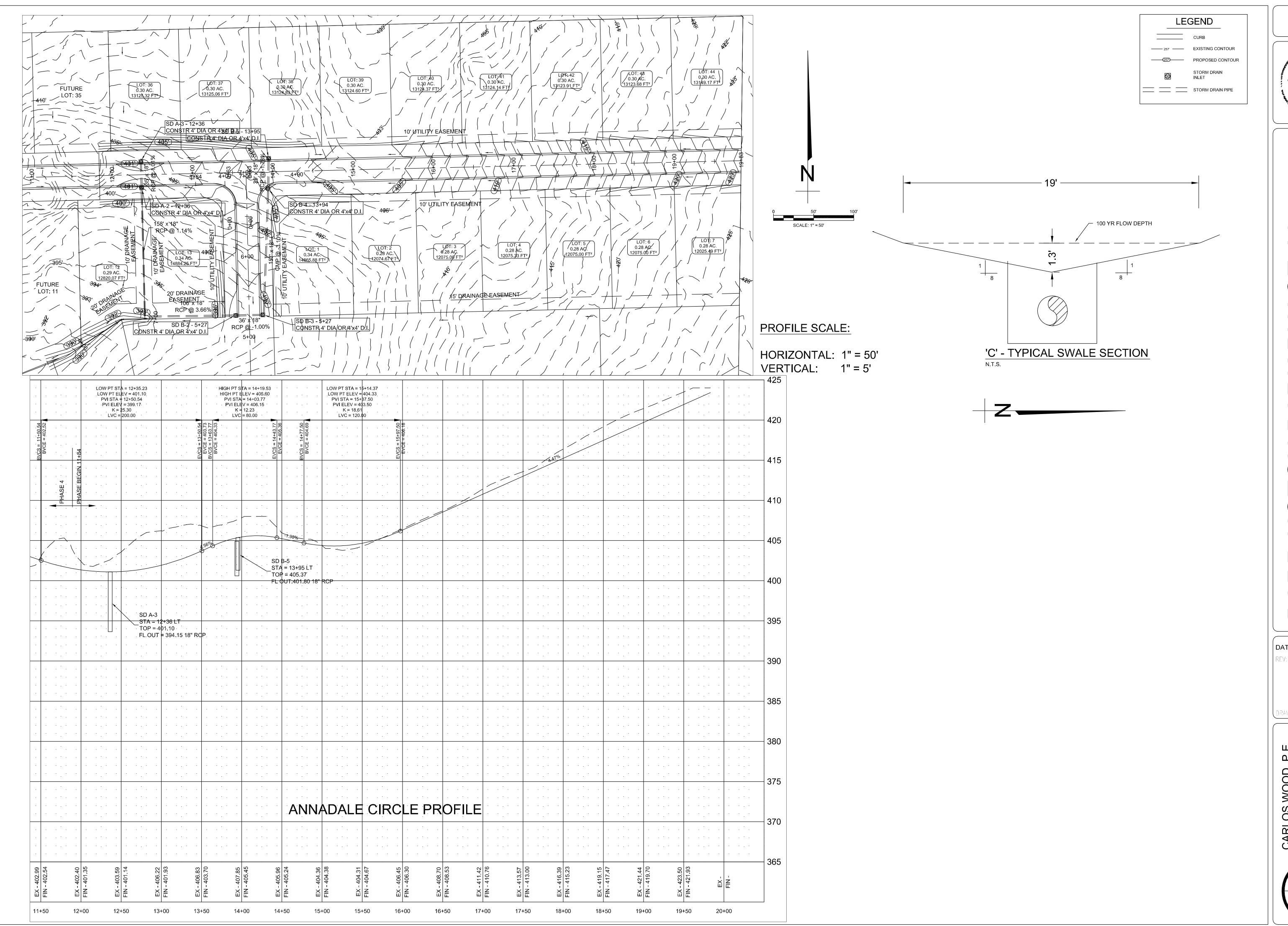
REGISTERED **PROFESSIONAL** ENGINEER
NO. 5620

 $\mathbf{\Omega}$ JONE

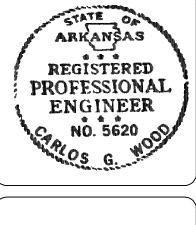
**DATE:** 3/28/11 REV: 4/25/11

BGW





ARKANSAS REGISTERED PROFESSIONAL ENGINEER C NO. 5620 OD

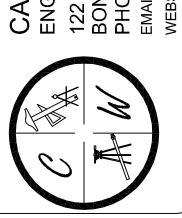


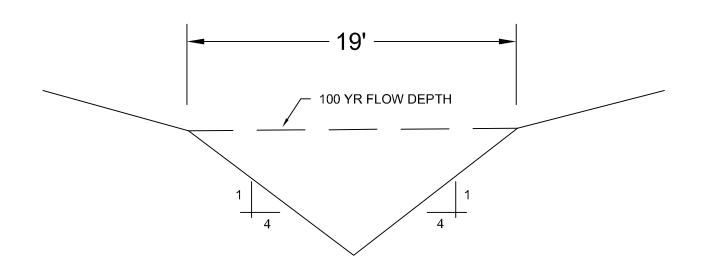
CIRCLE

JONESBORO

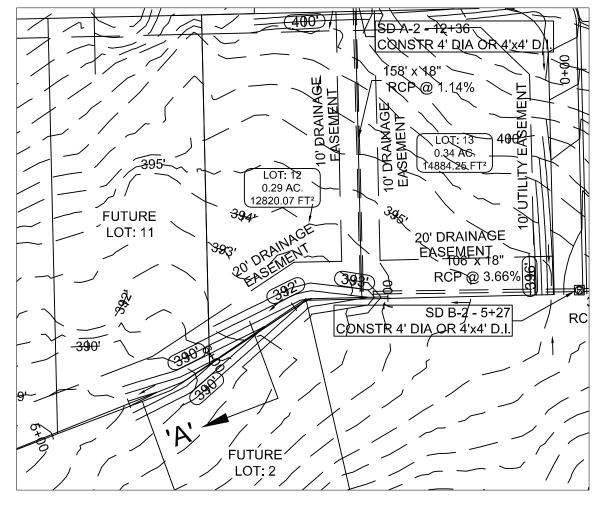
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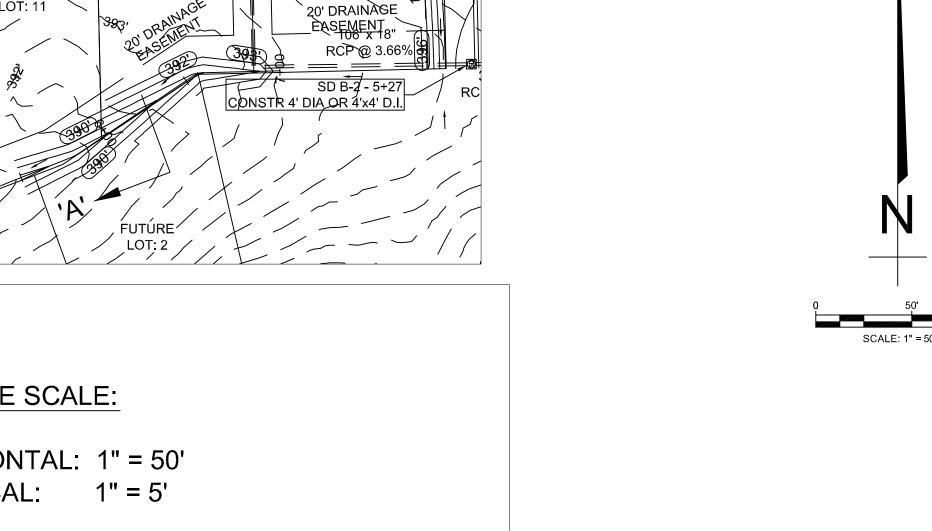
DRAWN BY: BGW

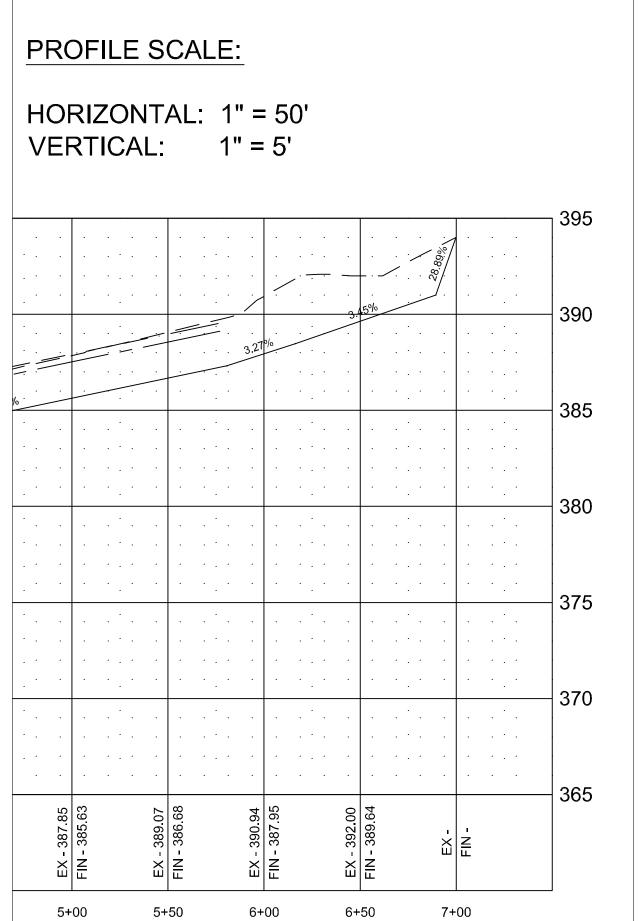




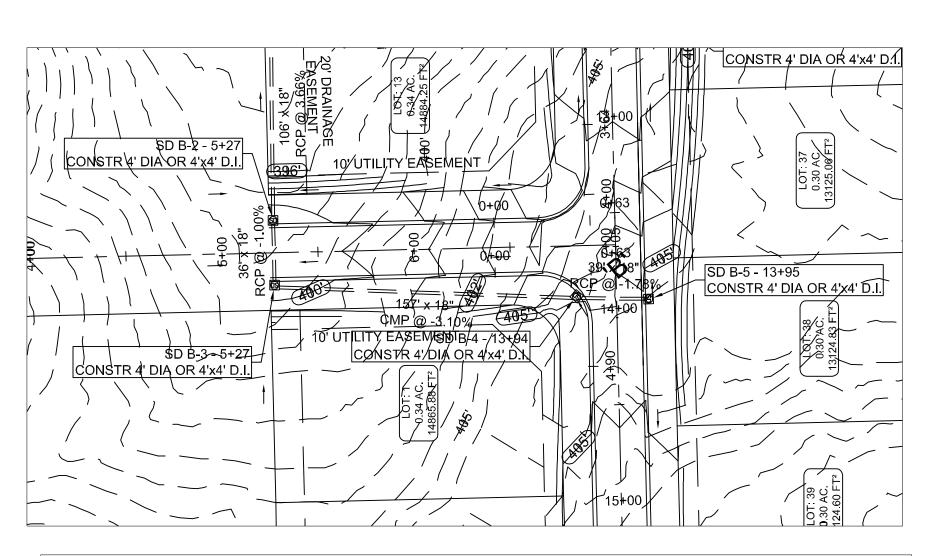
'A' - TYPICAL SWALE SECTION

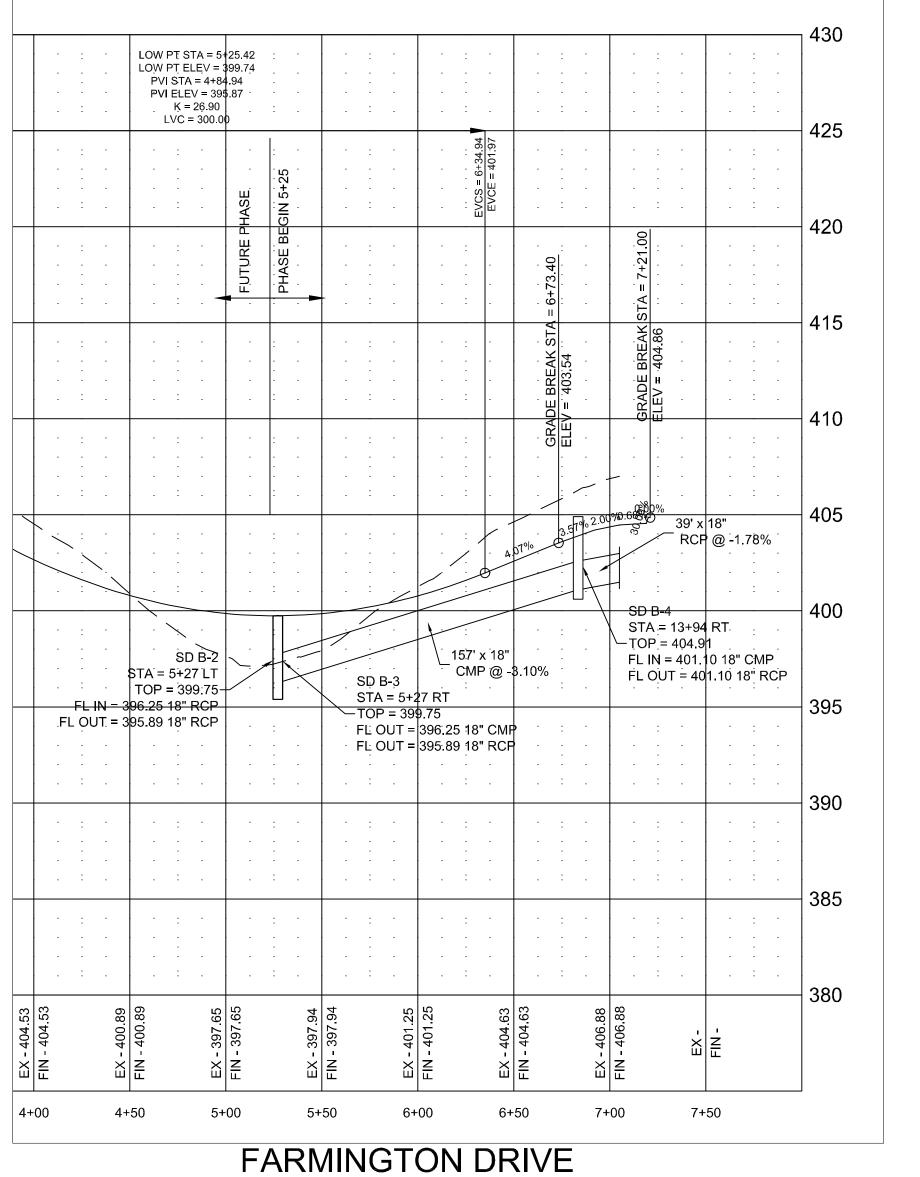






'A' - LOTS 11 - 13 REAR SWALE







ARKANSAS

REGISTERED PROFESSIONAL

ENGINEER

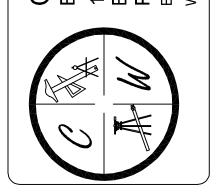
PROFILI

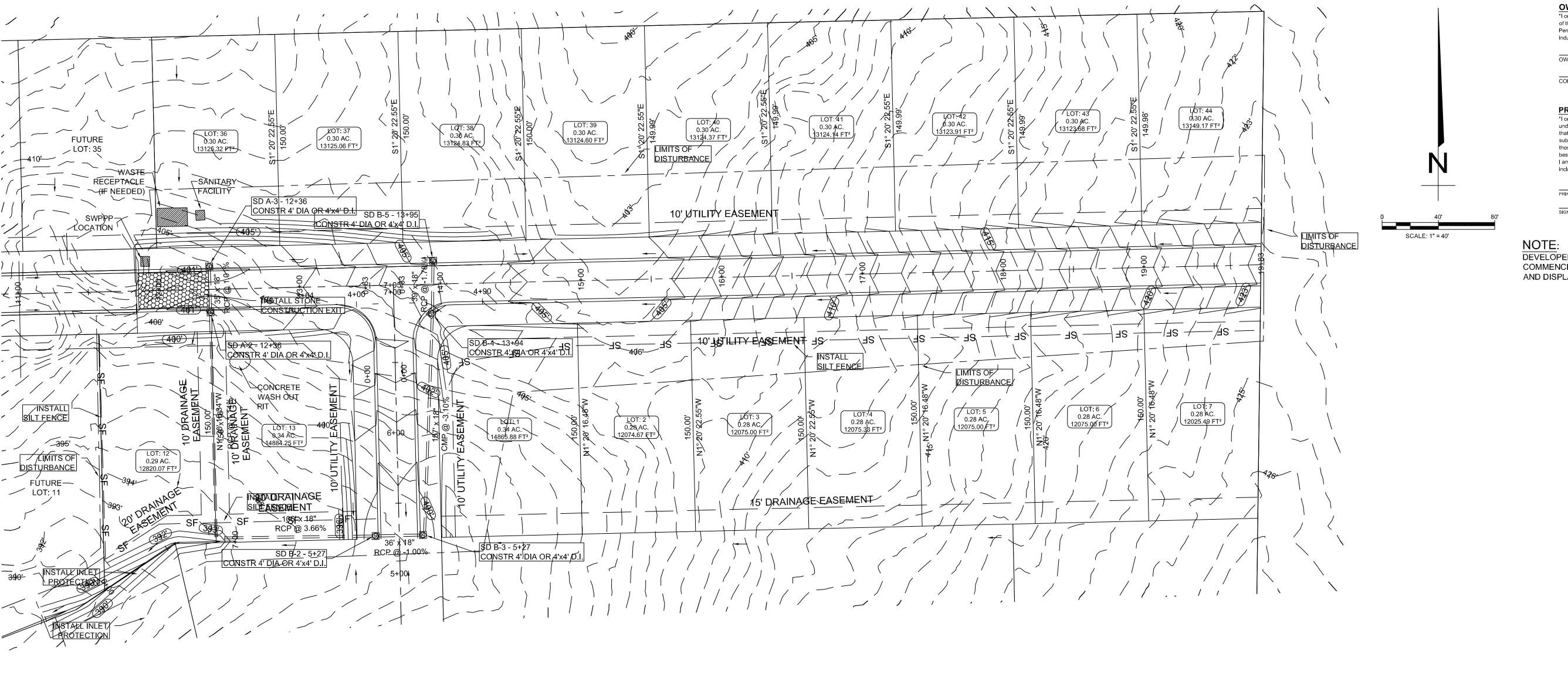
PLAN &

**DATE:** 3/28/11

BGW

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





**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.

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."

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:

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

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 SHALL INSTALL, INSPECT, MAINTAIN, REPAIR, AND MODIFY ALL EROSION CONTROL MEASURES AND SWPP 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 SWPP 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.

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 PERMENENTLY SEEDED WITHIN 14 DAYS OF THE COMPLETION OF CONSTRUCTION. THE LOCAL SOIL CONSERVATON SERVICE CAN BE CONTACTED FOR ASSISTANCE.

5. CONTRACTOR SHALL INSTALL A STONE CONSTRUCTION EXIT (PRIOR TO CONSTRUCTION) AT THE LOCATIONS CONSTRUCTION VECHIICLES 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.

9. A TEMPORARY SANITARY SEWER CONTAINER SHALL BE PROVIDED.

10. A CONCRETE WASTE PIT SHALL BE PROVIDED AS NEEDED DURING THE CONSTRUCTION OF THE SITE.

11. TOTAL AREA IS 7.0 ACRES, TOTAL DISTURBED IS 3.0 ACRES.

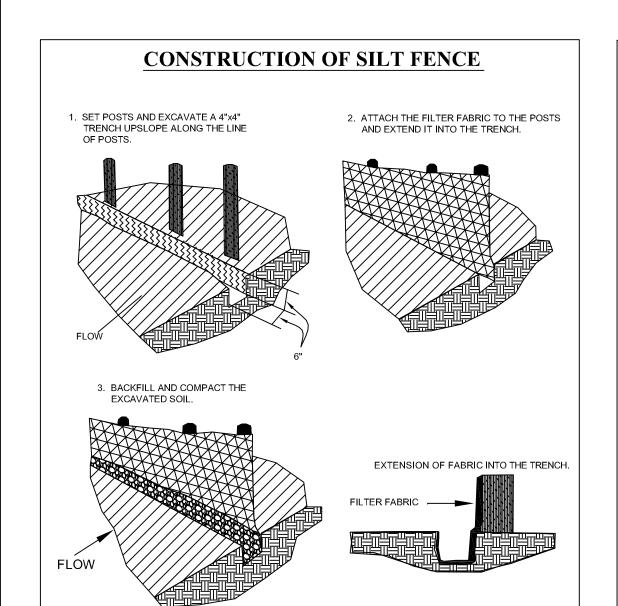
ECM-1

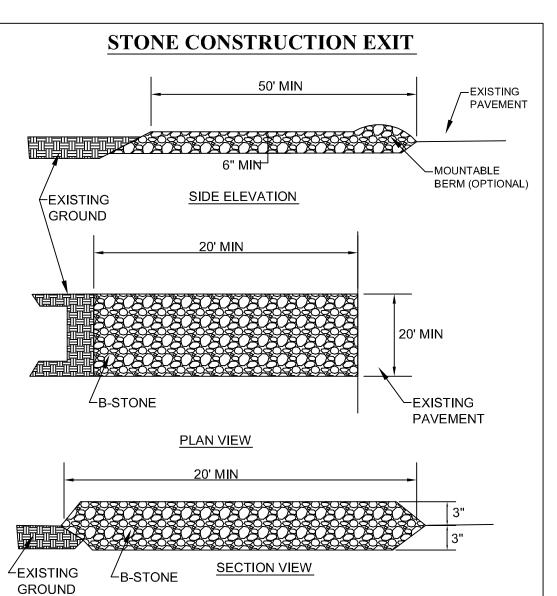
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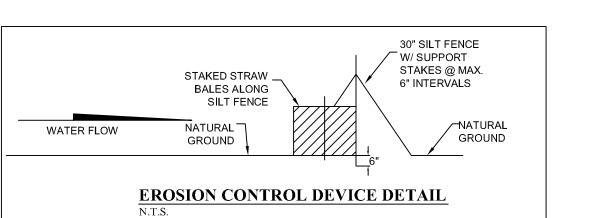
**DATE:** 3/28/11

DRAWN BY: BGW

OS WOOD, P.E.







UTIL-1

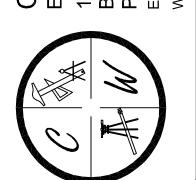


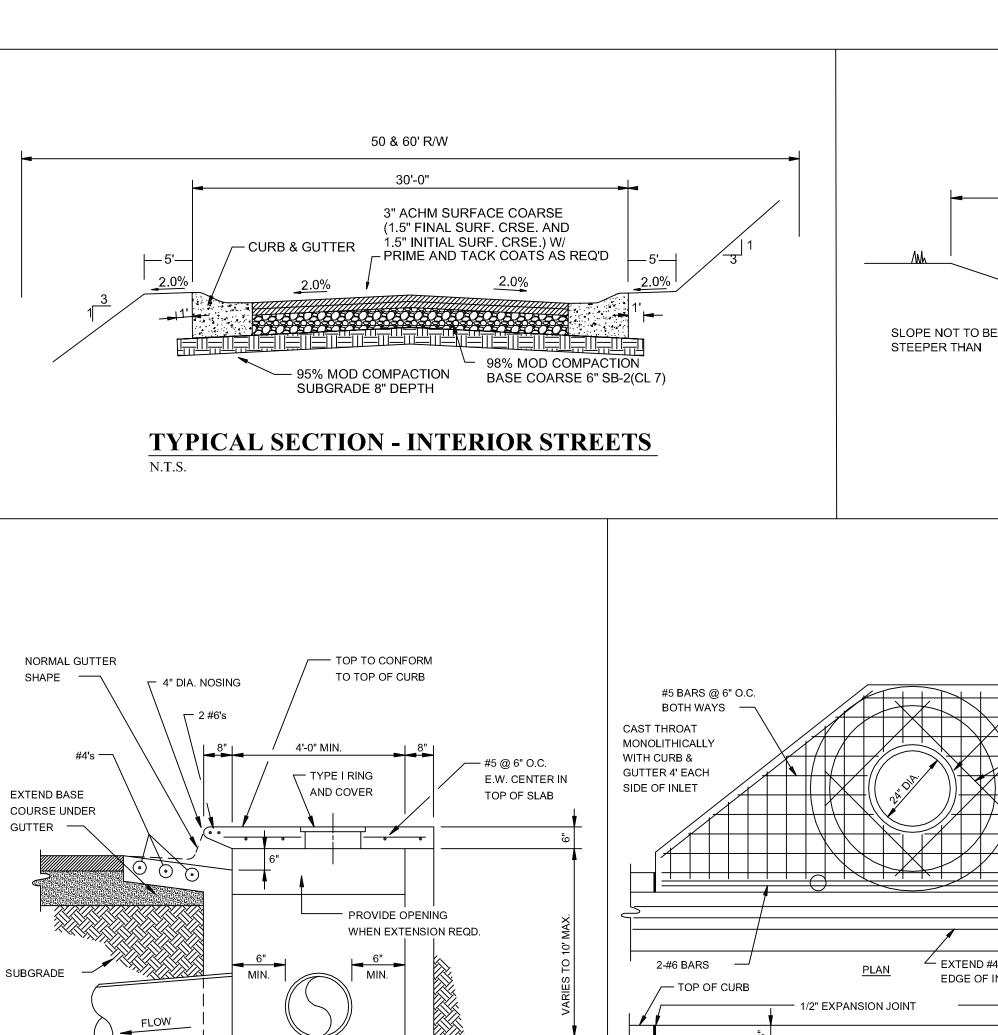
BARRIN JONESBORO

**DATE:** 3/28/11 REV: 4/25/1

DRAWN BY: BGW

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





COMPACTED

THICKNESS +6"

LARGEST PIPE WALL

- #5 @ 10" O.C. E.W.

CENTER IN SLAB

OUTLET PIPE -

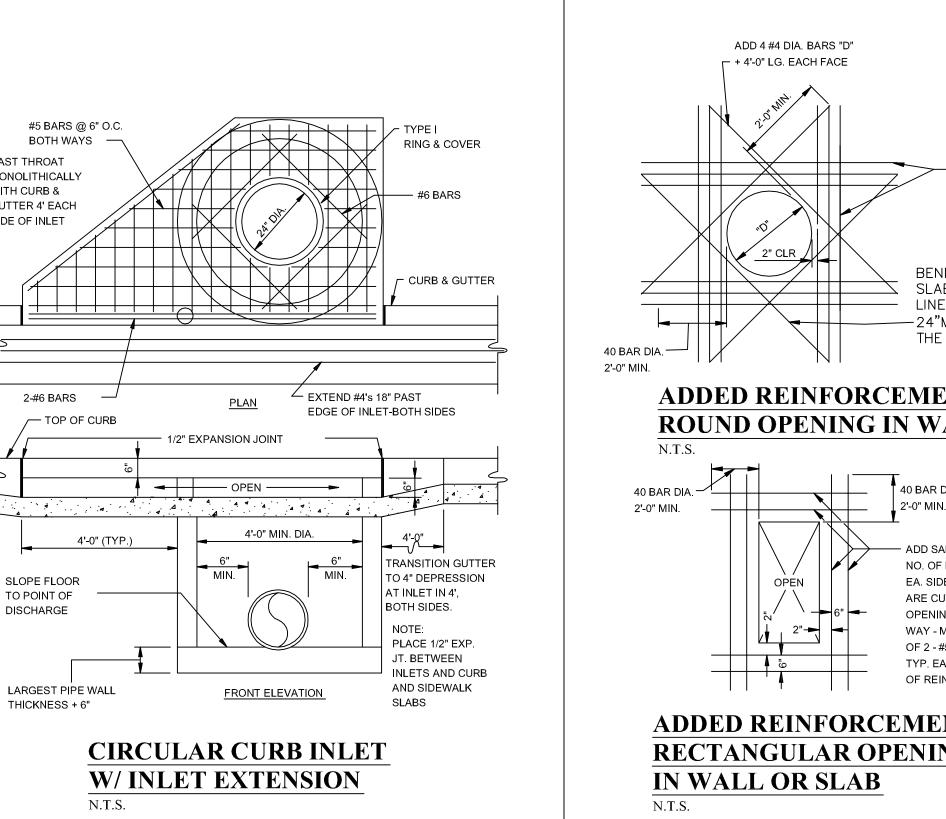
SEE PLANS

SLOPE FLOOR

2.0% TO OUTLET

INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE

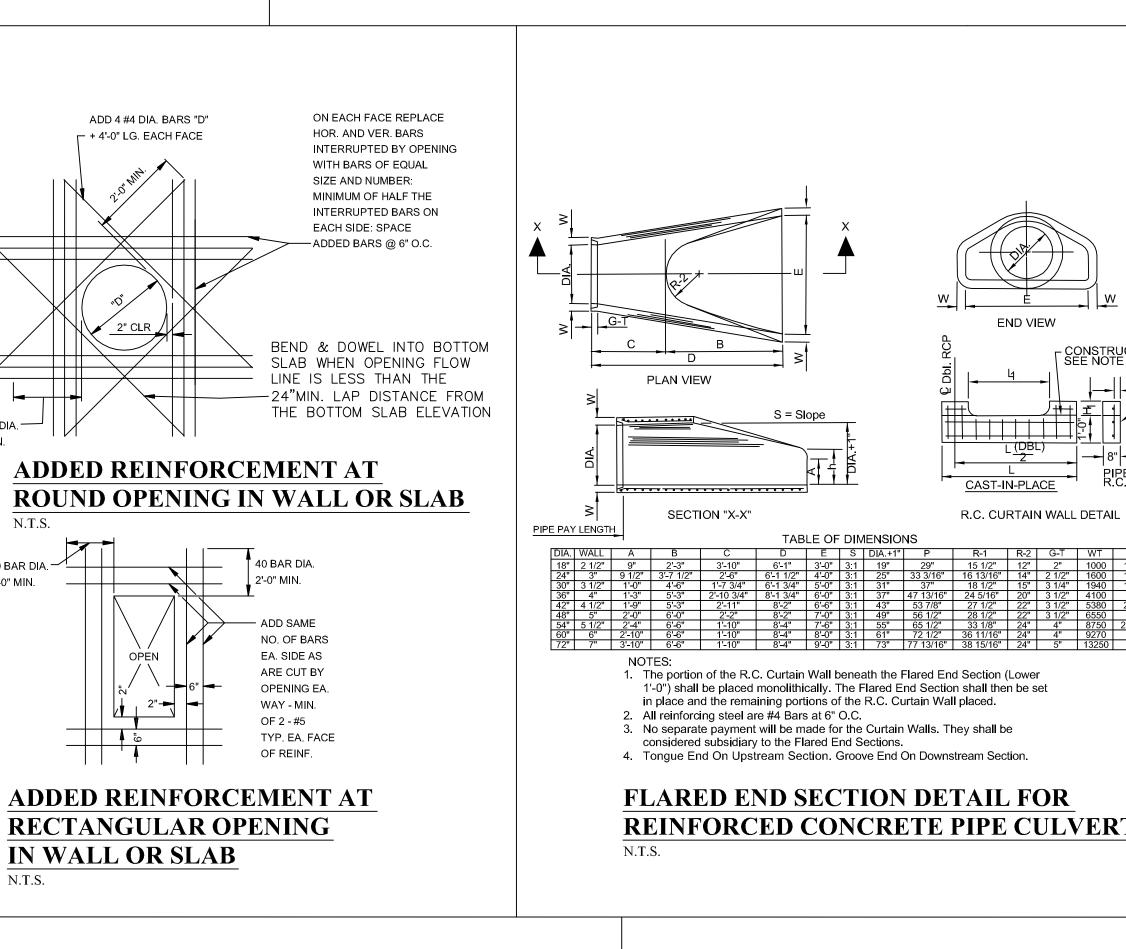
STEPS PLACED AT 15" O.C. - MANHOLE FRAME AND COVER SHALL



ESM'T WIDTH

1' TO 3'

'A' TYPICAL DITCH DETAIL



HEIGHT OF CURB TO IN ACCORDANCE

TYPE 'B' CURB & GUTTER

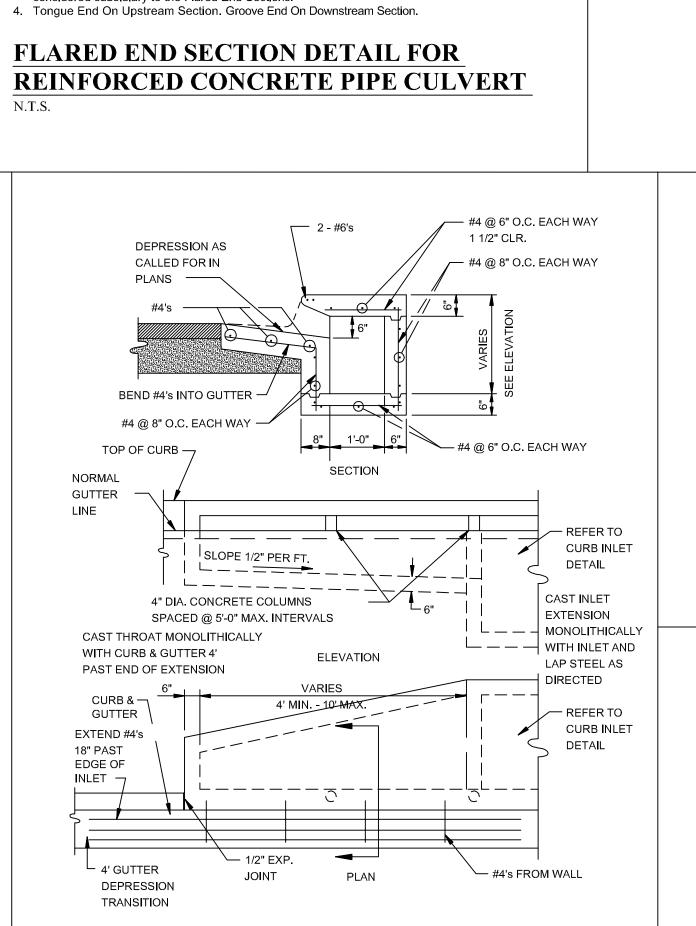
NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE

NO DRIVEWAY CUTS ALLOWED WITH THIS TYPE OF CURB

CONSTRUCTED IN ACCORDANCE WITH THE CITY OF

JONESBORO SPECIFICATIONS

WITH DRAINAGE REQUIREMENTS



ALTERNATE CURB INLET EXTENSION

N.T.S.



DET-1

ARKANSAS

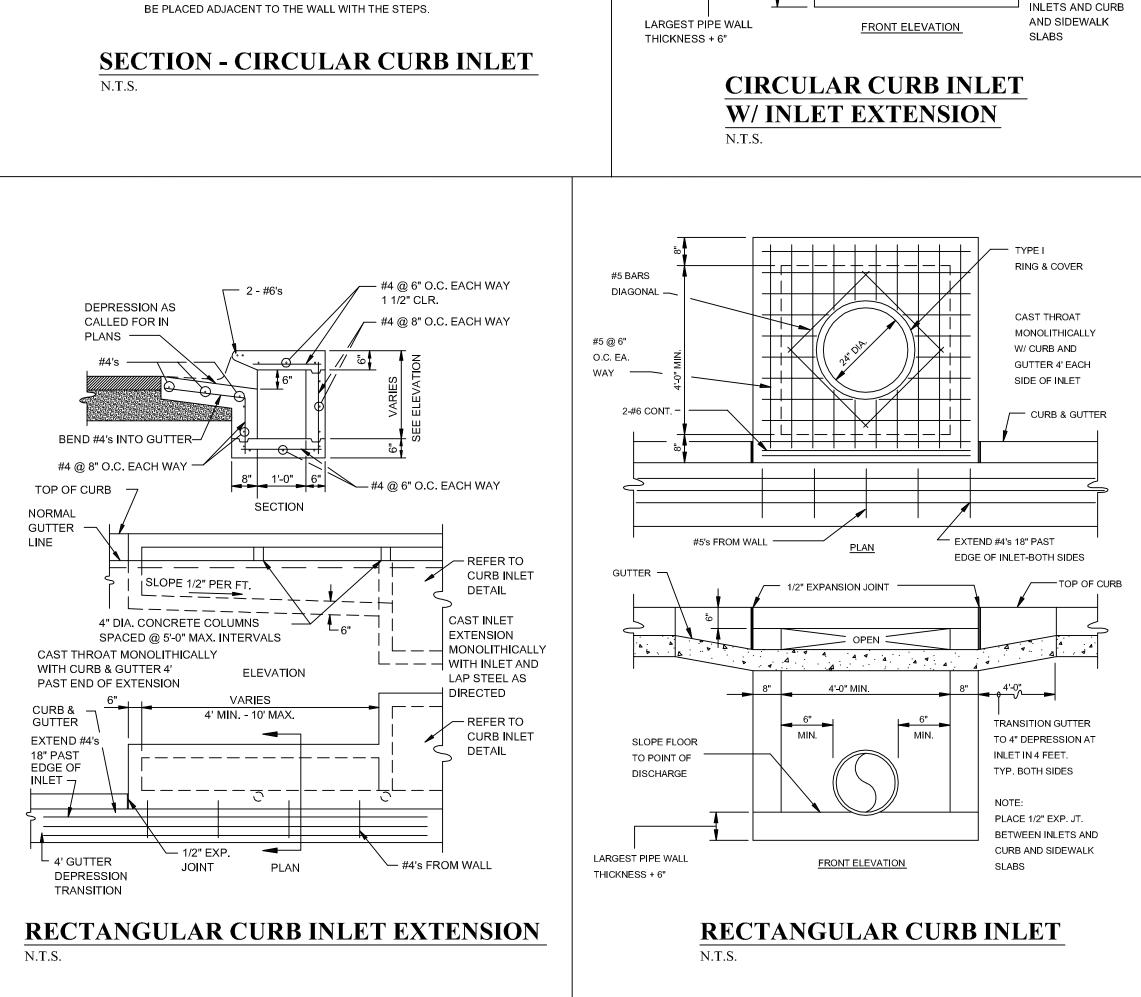
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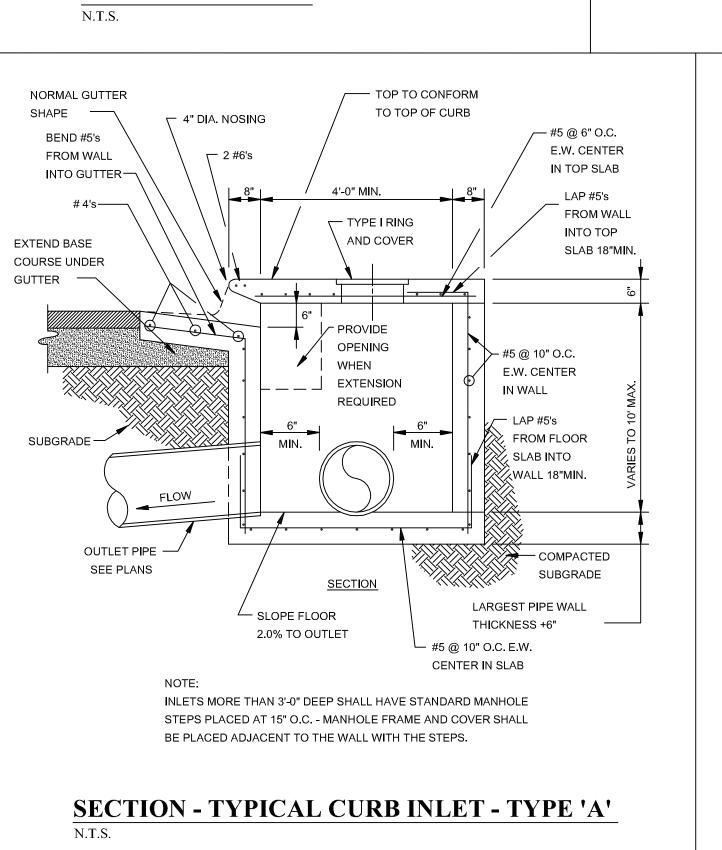
PROFESSIONAL

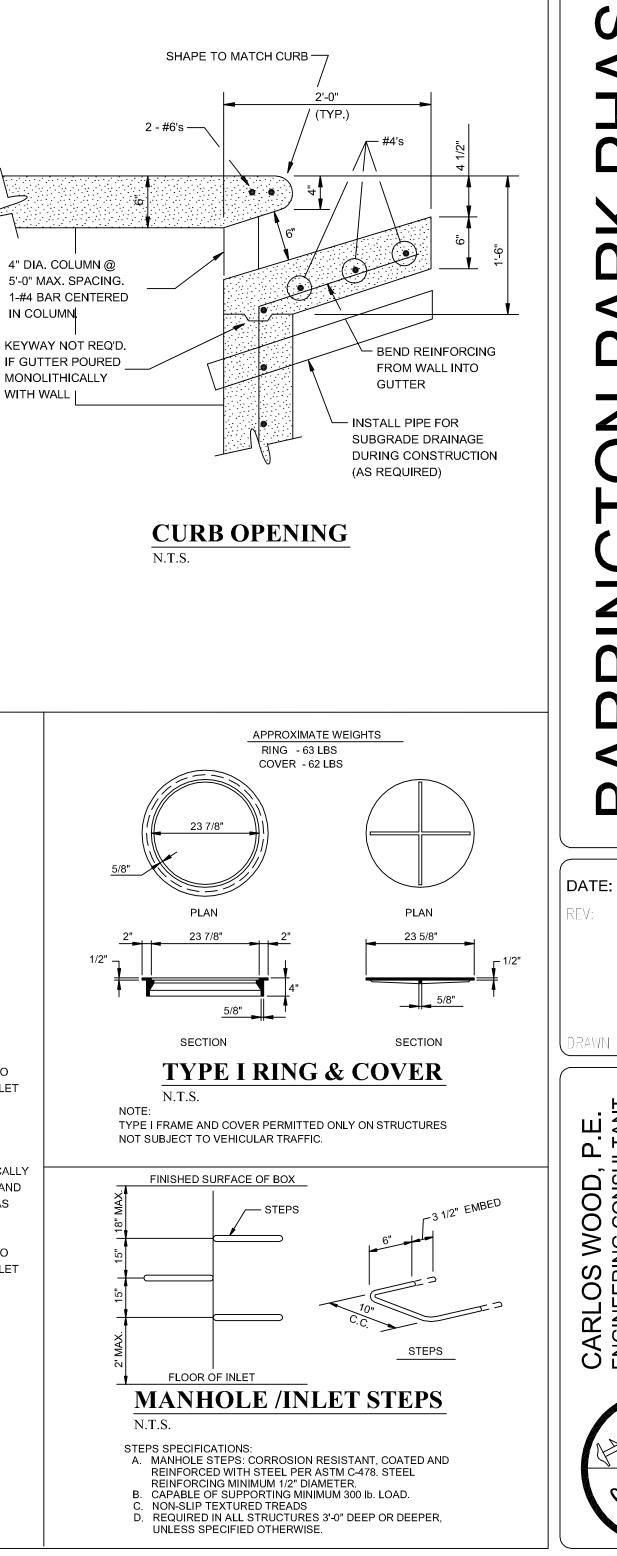
NO. 5620 \_S

ENGINEER

MATCH PAVEMENT SLOPE







6" TYPICAL UNLESS

OTHERWISE NOTED.

**COMBINATION CURB & GUTTER** 

NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE

CONSTRUCTED IN ACCORDANCE WITH THE PLANS

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

HEIGHT OF CURB TO BE

N.T.S.

MATCH PAVEMENT

AND SPECIFICATIONS.

IN ACCORDANCE WITH DRAINAGE REQUIREMENTS

TYPE "A-18" (BARRIER) ARTERIAL STREETS