



US Army Corps  
of Engineers  
Memphis District

**REPLY TO ATTN:** James L. Snell  
U.S. Army Corps of Engineers  
167 North Main Street, Room B-202  
Memphis, Tennessee 38103-1894  
Telephone: (901) 544-0733  
Fax (901) 544-0211  
EMail: James.L.Snell@usace.army.mil  
**POSTMASTER PLEASE POST UNTIL: June 23, 2004**

**PUBLIC NOTICE NO:**  
MVM-2004-317 (JLS)  
**REFERENCE NUMBER:**  
200400317  
**PUBLIC NOTICE DATE:**  
May 25, 2004  
**EXPIRATION DATE:**  
June 23, 2004

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**Joint Public Notice**  
**Corps of Engineers**  
**and**  
**State of Arkansas**

**AUTHORITY:** Pursuant to 33 CFR 325, as published in the Federal Register dated November 13, 1986, this notice announces an application submitted for a Department of the Army permit under Section 404 of the Clean Water Act.

**APPLICANT:** City of Jonesboro  
Executive Office City Hall  
515 West Washington  
Jonesboro, Arkansas 72403  
(870) 932-1052

**Agent:** Bernie Auld, PE  
BA Engineering  
4825 Trousdale, Suite 218  
Nashville, TN 37220

**LOCATION:** The project is located in Sections 21 and 27, Township 14N, Range 4E in Craighead County, Arkansas, at approximate latitude 35.7293 and longitude 90.4735 on the Jonesboro 7.5 minute quadrangle map. The project is located in Jonesboro at the intersection of Highland Drive (Highway 18) and Stadium Blvd. The project will impact sections of Turtle Creek north and south of Highland Drive.

**PURPOSE:** The stated purpose of this project is for flood reduction and flood storage. Development in the area is planned according to the attached drawing (see drawings 1 and 2, labeled the Mall of Turtle Creek).

**DESCRIPTION OF WORK:** Project improvements along Turtle Creek will include the relocation of approximately 1,675-linear feet of channel north of Highland Drive. 255-linear feet of the relocated channel of Turtle Creek will be encased at the end of the channel relocation section (see drawings 1,2,3,4). 3,090-linear feet of man-made channel running in an easterly to westerly direction will be encased (see drawing 5). The construction of the man-made channel drained waters of the U.S.(ponds) as shown on drawing 5. South of Highland Drive 1,520-linear feet of new channel construction will take place and a nine-acre overbank flood storage empoundment area will be constructed (see drawing 6). Construction of the flood storage area will consist of constructing a ditch off of Turtle Creek to collect overbank flooding. The ditch will be within a levee system and the storage area will be excavated to increase storage capacity. Two weirs will be installed in the levee system next to Turtle Creek to allow flow in and out of Turtle Creek and into the flood storage area. Following the relocation of Turtle Creek 1,460-linear feet of old channel will be filled. To offset the impacts to filling the old channel 1,675 linear feet will be relocated, 1,520-linear feet of new channel will be constructed and a nine-acre flood storage area will be constructed. The original 1,515-linear feet of channel improvement work south of Highland Drive will not be done. Activities requiring Corps authorization include filling within Turtle Creek and encasement of 3,090-linear feet of man-made channel.

**WATER QUALITY CERTIFICATION:** By copy of this public notice, the applicant is requesting water quality certification from the Arkansas Department of Environmental Quality that the activity will comply with applicable requirements set forth in 33 U.S.C. and 1341(a)(1) of the Clean Water Act and all State laws and regulations promulgated pursuant thereto. This certification or evidence of this water quality certification or waiver of the right to certify must be submitted prior to the issuance of a Corps of Engineers permit. The Corps of Engineers' evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act.

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**ENDANGERED SPECIES:** No endangered or threatened species, or their critical habitat, are known to exist in the project area. This application is being coordinated with the U.S. Fish and Wildlife Service. Any comments they may have regarding endangered or threatened wildlife or plants, or their critical habitat, will be considered in our evaluation of the described work.

**CULTURAL RESOURCES:** The Memphis District will evaluate information provided by the State Historic Preservation Officer and the public in response to this public notice and we may conduct, or require a reconnaissance survey of the project area.

**FLOOD PLAIN:** In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed public notice and apprise this office of any flood plain development permit requirements.

**PUBLIC INTEREST REVIEW:** The purpose of this public notice is to advise all interested parties of the activities for which a permit is sought and to solicit comments and information necessary to evaluate the probable impact on the public interest.

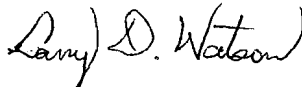
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reason for holding a public hearing. The District Engineer will determine if the issues raised are substantial and whether a hearing is needed for making a decision.

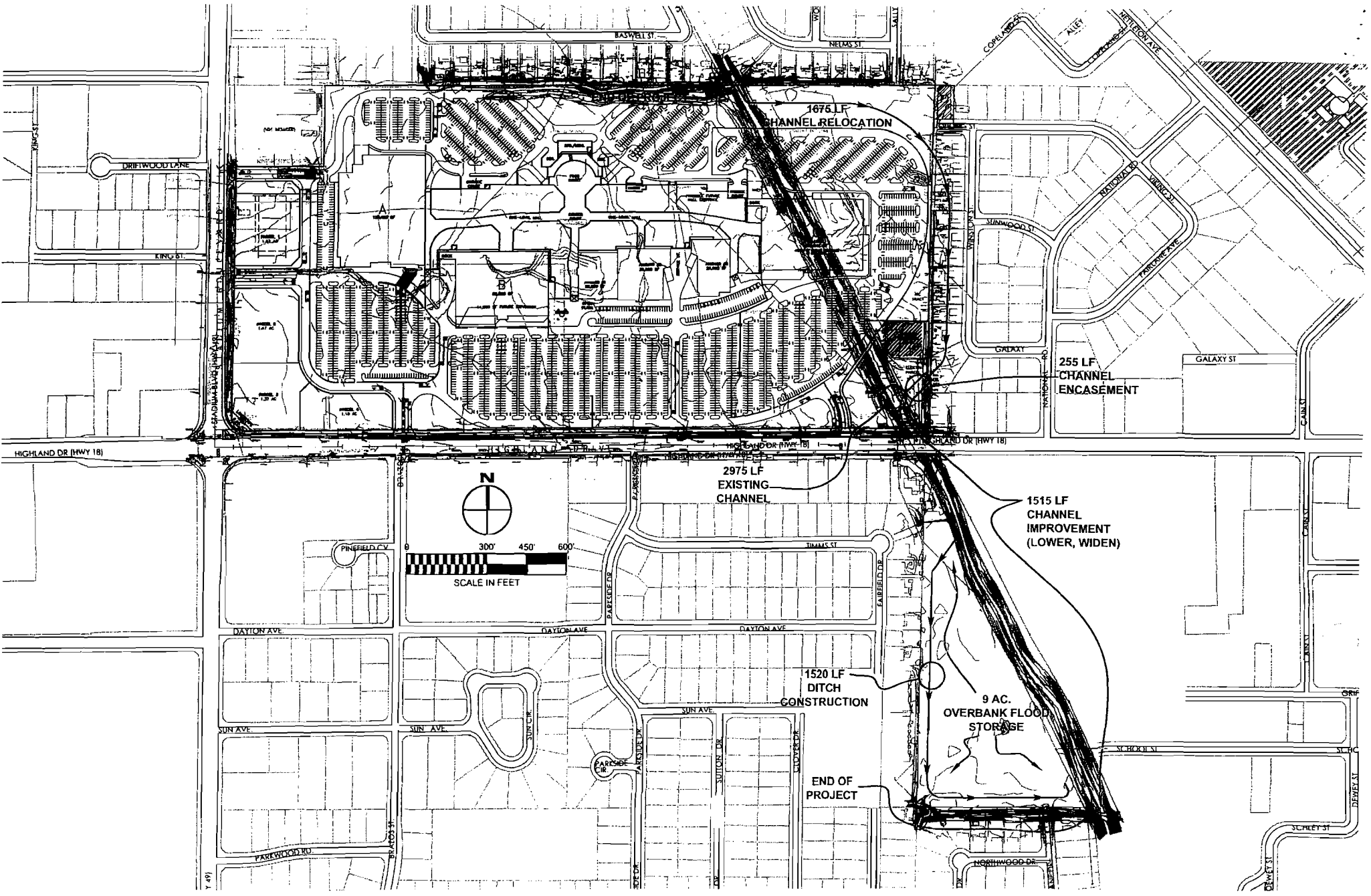
**COMMENTS OR REQUEST FOR ADDITIONAL INFORMATION:** If you wish to obtain additional information or to submit comments on the application, please contact James L. Snell at the U.S. Army Corps of Engineers, 167 North Main Street, Room B-202, Memphis, Tennessee 38103-1894, telephone (901) 544-0733. Copies of all comments, including the names and address of commenters, may be provided to the applicant for consideration and response prior to a decision by the Corps.

Comments should be received by June 23, 2004.



Larry D. Watson  
Chief  
Regulatory Branch

Attachments



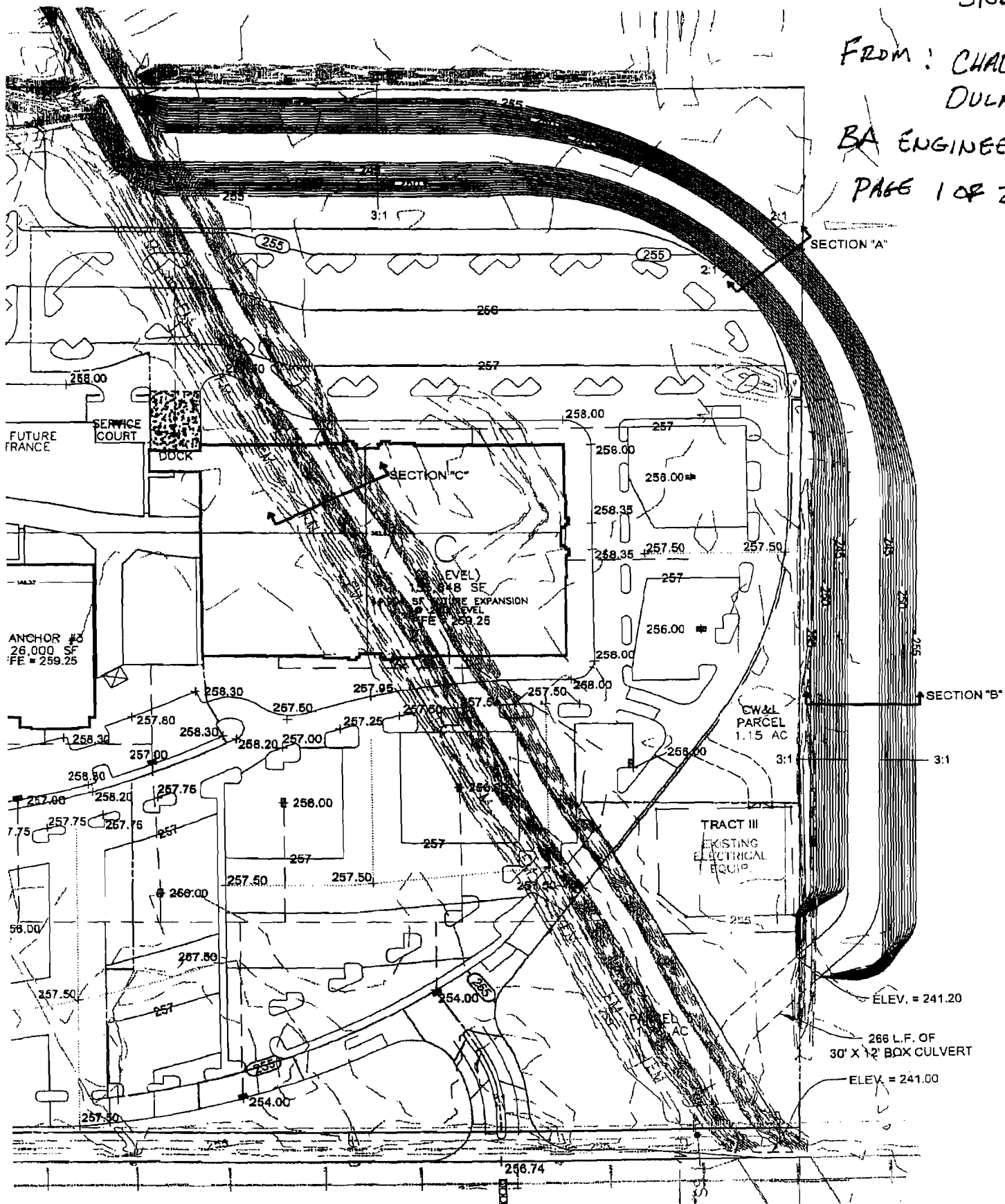


ATTN: JAMES SNELL

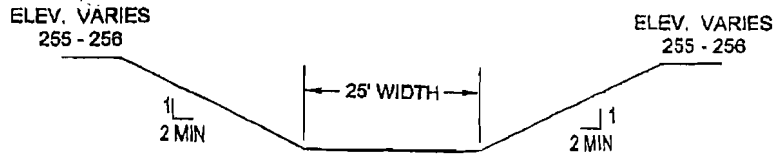
FROM: CHAD DULANEY

BA ENGINEERING

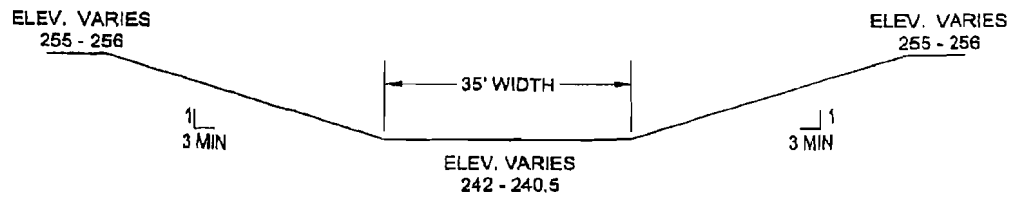
PAGE 1 OF 2



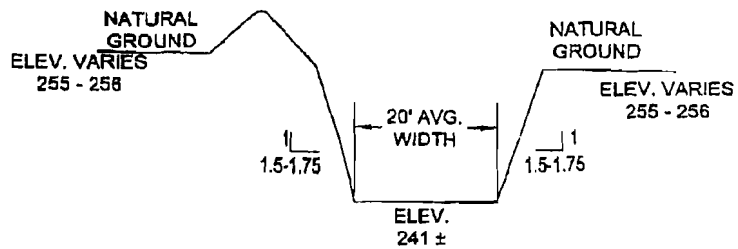
Drawing 3



**MAXIMUM ENCROACHMENT SECTION - SECTION "A"**  
(NOT TO SCALE)

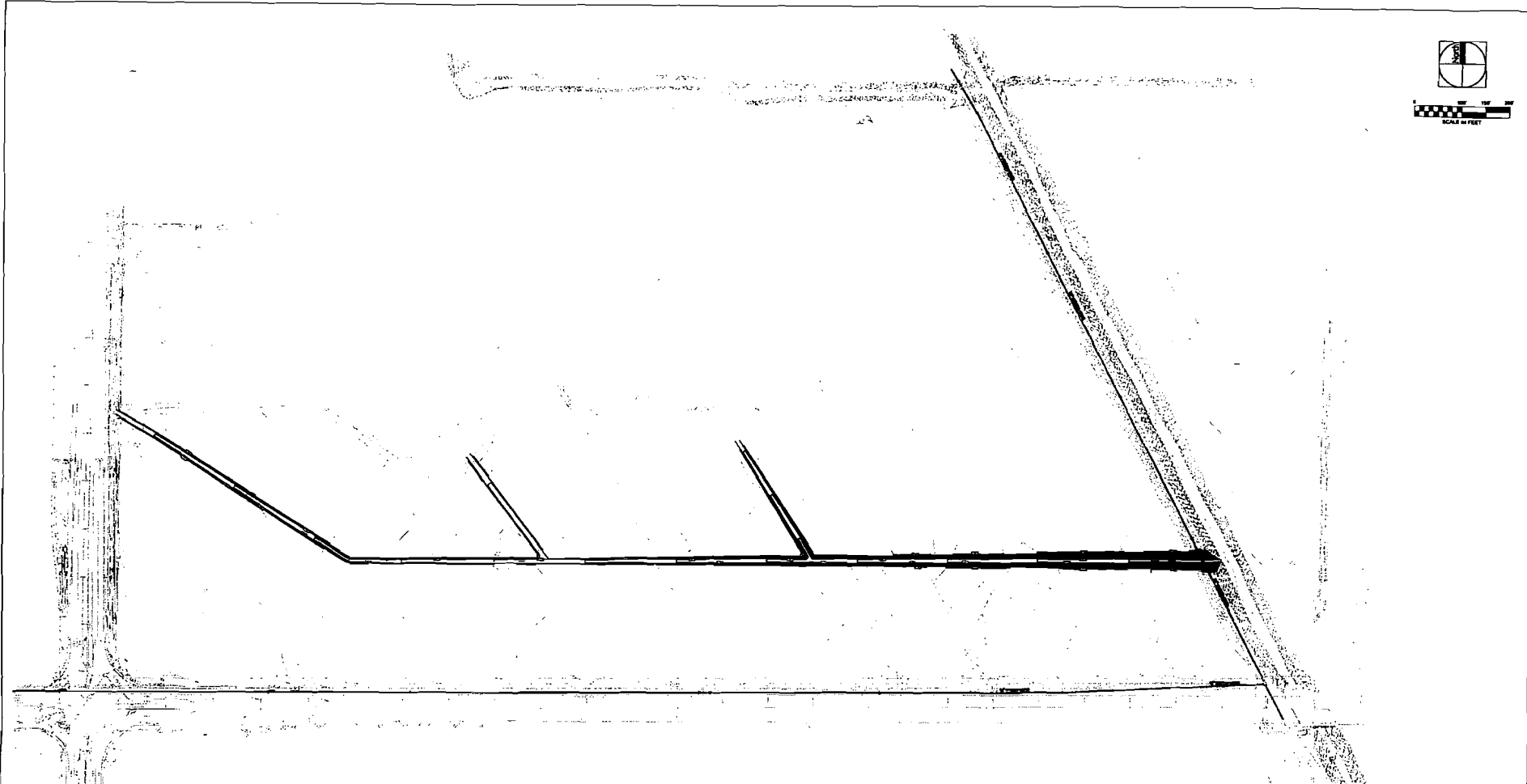


**PROPOSED CHANNEL - SECTION "B"**  
(NOT TO SCALE)



**TURTLE CREEK EXISTING - SECTION "C"**  
(NOT TO SCALE)

1-2-2017



**GENERAL GRADING NOTES:**

WHETHER THE OWNER OR THE ENGINEER SHALL BE RESPONSIBLE FOR SUB-SURFACE CONDITIONS. THE CONTRACTOR SHOULD MAKE HIS OWN DETERMINATION CONCERNING SUB-SURFACE CONDITIONS.

EARTHWORK SHALL BE ON AN UNCLASSIFIED BASIS.

INFORMATION CONCERNING SITE SOIL CONDITIONS WILL BE PROVIDED BY THE OWNER.

ANY AREA THAT IS DISTURBED OUTSIDE THE LIMITS OF CONSTRUCTION DURING THE CONSTRUCTION PERIOD OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

THROUGHOUT ALL EXCAVATION ACTIVITIES, POSITIVE DRAINAGE SHALL BE MAINTAINED WITH MINIMUM SLOPES OF 0.5% OR GREATER AND SURFACE DRAINAGE GENERALLY IN THE DIRECTION PROVIDED BY EXISTING TOPOGRAPHY.

WORK SHALL PROGRESS IN SUCH A MANNER AS TO ALLOW EXISTING VEGETATION TO REMAIN AS LONG AS POSSIBLE, CONSISTENT WITH THE SCOPE OF WORK.

THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.

ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.

PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, THE CONTRACTOR SHALL EXCAVATE AND VERIFY ALL CROSSINGS AND WITH THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION.

**GENERAL GRADING NOTES (CONTINUED):**

DUST SHALL BE KEPT AT TOLERABLE LIMITS.

ALL DESIGNED SLOPES SHALL NOT EXCEED 2:1 UNLESS OTHERWISE NOTED.

ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF FLARED END SECTIONS.

ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL (APPROVED BY THE OWNER'S REPRESENTATIVE), AS NEEDED. THE AREA SHALL BE SEED, FERTILIZED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS (SEE LANDSCAPE PLAN FOR SEED MIX AND PROPER APPLICATION RATE). ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CONNECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

IF INSURFACING IS INCLUDED IN THE PROJECT, SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED. THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE DIRECTION OF TRAFFIC.

ALL EXISTING ROADS AND EXISTING ASPHALT PAVING TO BE ABANDONED SHALL BE SCARIFIED, OBLITERATED AND SEIZED.

SURPLUS EXCAVATION SUITABLE FOR FILL SHALL BE PLACED ON THE SITE. EXCESS UNSUITABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE.

ALL TOPSOIL SHALL BE STRIPPED PRIOR TO EXCAVATION. THE TOPSOIL AND SURPLUS EXCAVATION SHALL BE STOCKPILED ON THE SITE TO COMPLETE FINISHED GRADING OF EXPOSED AREAS REQUIRING TOPSOIL. FOR VEGETATIVE GROWTH, TOPSOIL SHALL BE PLACED A MINIMUM OF 4" DEEP.

**GENERAL GRADING NOTES (CONTINUED):**

A GEOTECHNICAL TESTING LABORATORY SHALL BE EMPLOYED BY THE OWNER TO PERFORM COMPACTION TESTING ON EARTHWORK. ANY FILL MATERIAL BROUGHT FROM OFF-SITE SHALL BE APPROVED BY THE GEOTECHNICAL TESTING LABORATORY.

TO PREVENT TRACKING OR FLOW OF MUD INTO PUBLIC ROADS, AN ACCESS ROAD SHALL BE PROVIDED CONSISTING OF CURBED STONE (SIZE - ASTM D448 #1) AT LEAST 8 INCHES THICK AND 100 FEET IN LENGTH.

FENCES SHALL BE TURNED IN AT DRAINAGE STRUCTURES AND BRIDGES SO AS TO ABUT WINGWALLS AND/OR ABUTMENTS.

THE CONTRACTOR SHALL BE REQUIRED TO ADJUST GRADES OF INTERSECTING STREETS, ROADS, ENTRANCES AND DRIVES TO MATCH NEW GRADES.

THE CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED PAVEMENTS. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY.

ADJUST ALL CASTINGS TO MATCH FINISHED GRADE PRIOR TO FINAL PAVEMENT SURFACE.



REV	DATE	DESCRIPTION	BY

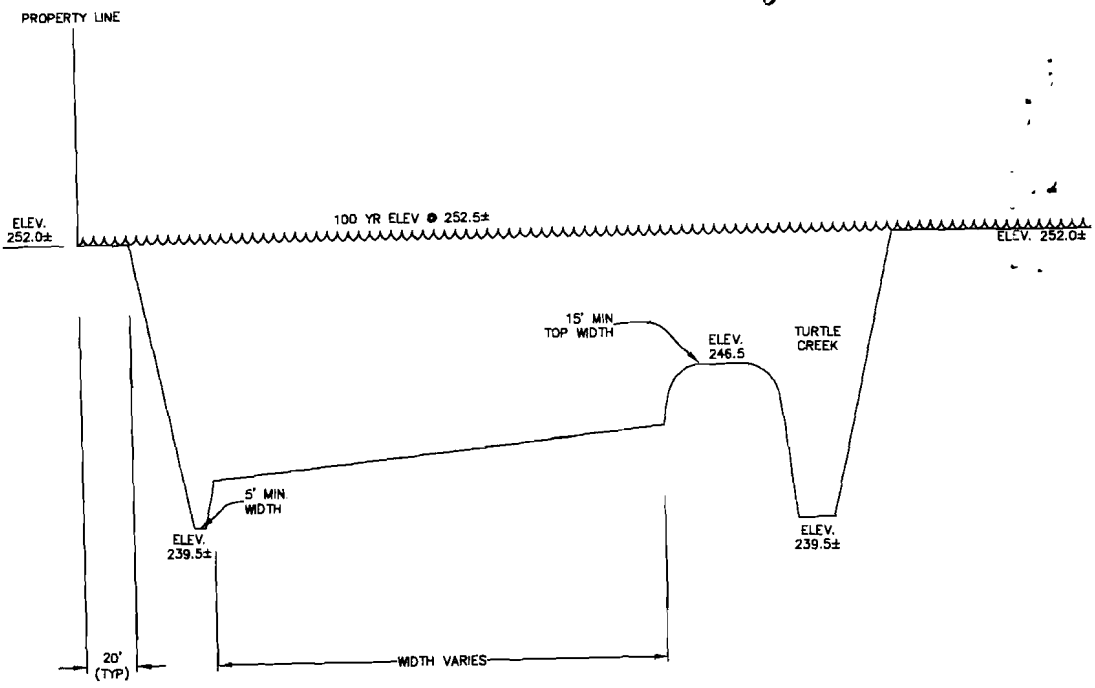
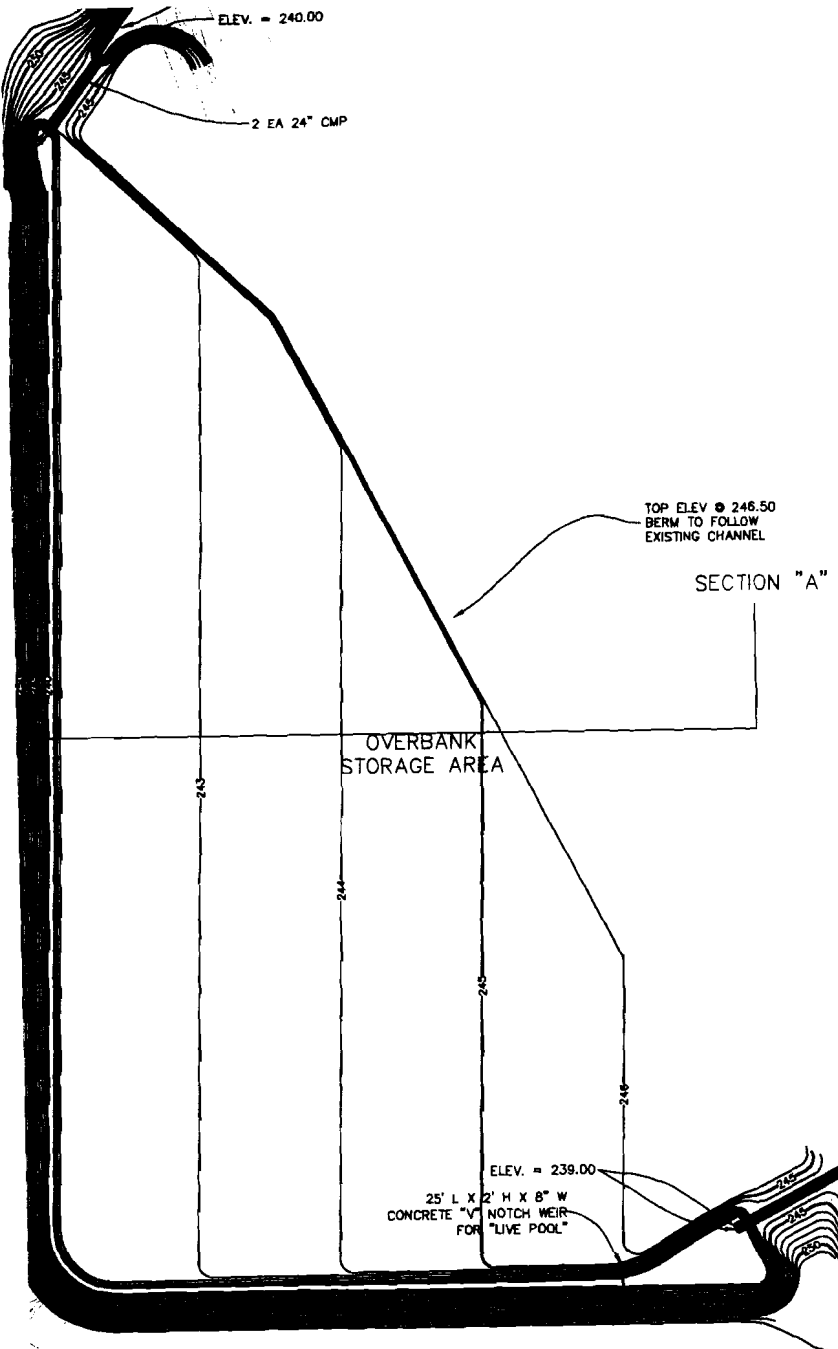
**THE MALL AT TURTLE CREEK**  
JONESBORO, ARKANSAS

**BA Engineering**  
ENGINEERING  
4835 TROUSDALE SUITE  
PHOENIX (602) 933-8353 FAX  
MEMPHIS (901) 525-1078

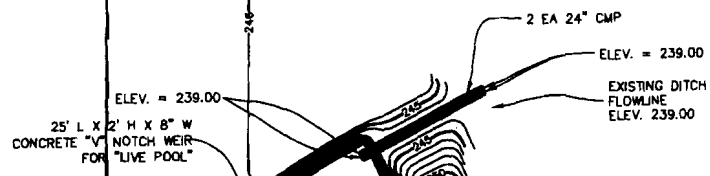
MEMPHIS (901) 525-1078  
MEMPHIS (901) 525-1078  
MEMPHIS (901) 525-1078

**GRADING PLAN**  
101-00001 03-10-04 101-00

**C-3H**



OVERBANK STORAGE AREA - SECTION "A"  
(NOT TO SCALE)



2 EA 24" CMP  
 ELEV. = 239.00  
 EXISTING DITCH FLOWLINE  
 ELEV. 239.00