$ 1,000.00 CK 3972

Attachment 1
(8 pages)

168025 (C3)

OMB No. 3316-0060
Exp. Date 08/31/2006

JOINT APPLICATION FORM
Department of the Army/TVA

RECEIVED DATE: JUL 06 2006 SC: 001CLKL

DCF 10-4-05

The Department of the Army (DA) permit program is authorized by **Section 10 of the Rivers and Harbors Act of 1899** and **Section 404 of the Clean Water Act (P.L. 95-217).** These laws require permits authorizing structures and work in or affecting navigable waters of the United States and the discharge of dredged or fill material into waters of the United States. **Section 26a of the Tennessee Valley Authority Act,** as amended, prohibits the construction, operation, or maintenance of any structure affecting navigation, flood control, or public lands or reservations across, along, or in the Tennessee River or any of its tributaries until plans for such construction, operation, and maintenance have been submitted to and approved by the Tennessee Valley Authority (TVA).

Name and Address of Applicant:	Name, Address, and Title of Authorized Agent:
Defoor Brothers Development (Ken Defoor) 6074 Shallowford Road Chattanooga, TN 37421	MAP Engineers Attn: Autumn Friday 7380 Applegate Lane Chattanooga, TN 37421
Telephone Number: Home 423-280-1520 Office 423-855-0784	Telephone Number: Home 423-855-5554 Office

Location where activity exists or will occur *(include Stream Name and Mile, if known):*
600 River Street, Located adjacent to the Tennessee River at River Mile 464.50

Application submitted to ☐ DA ☒ TVA

Date activity is proposed to commence: 07/01/2005 Date activity is proposed to be completed: 07/01/06

Describe in detail the proposed activity, its purpose and intended use *(private, public, commercial, or other).* Describe structures to be erected including those placed on fills, piles, or floating platforms. Also describe the type, composition, and quantity of materials to be discharged or placed in the water; the means of conveyance; and the source of discharge or fill material. Please attach additional sheets if needed.
The above applicant proposed to construct luxury condominiums at 600 River Street. Fill will be placed in the 100 year flood (elevation 656.8 per FEMA FIRM panel 470072-0341) in order to bring the first floor elevation a minimum of 1 foot above the 100 year floodplain. The areas around the building and parking areas will also be brought above the 100 year flood plain. A cross section showing existing and proposed elevations has been included with this submittal. The total amount of fill below the 100 year flood plain is 3800 CY.

Application is hereby made for approval of the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. **I agree that, if this application is approved by TVA, I will comply with the attached terms and conditions and any special conditions that may be imposed by TVA at the time of approval. Please note the U.S. Army Corps of Engineers may impose additional conditions or restrictions.**

6-23-06
Date

Signature of Applicant

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of The United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than $10,000 or imprisoned not more than five years, or both. The appropriate DA fee will be assessed when a permit is issued.

Names, addresses, and telephone numbers of adjoining property owners, lessees, etc., whose properties also join the waterway:

List of previous DA/TVA permits/approvals ☐ DA _____ (Permit Number) ☐ TVA _____ (Date)

Is any portion of the activity for which authorization is sought now complete? ☐ Yes ☒ No *(If "Yes" attach explanation)*
Month and year the activity was completed: _____ . Indicate the existing work on the drawings.

List all approvals or certifications required by other federal, interstate, state, or local agencies for any structures, construction, discharges, deposits, or other activities described in this application.

Issuing Agency	Type Approval	Identification No.	Date of Application	Date of Approval
TDEC	NPDES Permit		05/24/2005	

Has any agency denied approval for the activity described herein or for any activity directly related to the activity described herein?
☐ Yes ☒ No *(If "Yes" attach explanation)*

Project plans or drawings should accompany the application. These should be on paper suitable for reproduction no larger than 11 x 17 inches or contained on a 3-1/2 inch floppy computer disc in "dxf" format, and should be submitted to the appropriate TVA and U.S. Army Corps of Engineers offices. An application that is not complete will be returned for additional information.

U.S.A.C.E. Offices		TVA Office Location
U.S. Army Corps of Engineers Eastern Regulatory Field Office P.O. Box 465 Lenoir City, Tennessee 37771-0465 (865) 986-7296	U.S. Army Corps of Engineers Savannah District The Plaza, Suite 130 1590 Adamson Parkway Morrow, Georgia 30260-1763 (678) 422-2729	Tennessee Valley Authority Chickamauga-Hiwassee Watershed Team 1101 Market Street, PSC 1E-C Chattanooga, TN 37402-2801 (423) 876-6706
U.S. Army Corps of Engineers Nashville District P.O. Box 1070 Nashville, Tennessee 37202-1070 (615) 736-5181	U.S. Army Corps of Engineers Western Regulatory Field Office 2042 Beltline Road, SW, Bldg C, Suite 415 Decatur, Alabama 35602 (256) 350-5620	
U.S. Army Corps of Engineers Norfolk District P.O. Box 338 Abingdon, Virginia 24212 (276) 623-5259	U.S. Army Corps of Engineers Asheville Regulatory Field Office 151 Patton Avenue, Room 208 Asheville, North Carolina 28801-5006 (828) 271-4856	

Privacy Act Statement

This information is being requested in accordance with Section 26a of the TVA Act as cited on the front page of this form. Disclosure of the information requested is voluntary; however, failure to provide any required information or documents may result in a delay in processing your application or in your being denied a Section 26a permit. An application that is not complete will be returned for additional information. TVA uses this information to assess the impact of the proposed project on TVA programs and the environment and to determine if the project can be approved. Information in the application is made a matter of public record through issuance of a public notice if warranted. Routine uses of this information include providing to federal, state, or local agencies, and to consultants, contractors, etc., for use in program evaluations, studies, or other matters involving support services to the program; to respond to a congressional inquiry concerning the application or Section 26a program; and for oversight or similar purposes, corrective action, litigation or law enforcement.

Burden Estimate Statement

Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Agency Clearance Officer, Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402; and to the Office of Management and Budget, Paperwork Reduction Project (3316-0060), Washington, D.C. 20503.

LAND DISTURBING ACTIVITY NOTES:

VEGETATION: TOP SOIL WILL BE SALVAGED, STOCK PILED AND SPREAD ON AREAS TO BE VEGETATED. SLOPES OUTSIDE OF THE CURBING LINE WILL BE PROTECTED FROM EROSION BY APPROPRIATE MULCHING. SUPPLEMENTAL VEGETATION WILL BE ESTABLISHED.

EROSION CONTROL PROGRAM: CLEARING WILL BE KEPT TO A MINIMUM. VEGETATION AND MULCH WILL BE APPLIED TO APPROPRIATE AREAS IMMEDIATELY AFTER GRADING IS COMPLETED. LAND DISTURBED WILL BE SHAPED TO PREVENT EROSION IN AREAS OF CONCENTRATED WATER FLOWS. EROSION AT THE ENDS OF ALL STORM WATER STRUCTURES WILL BE PREVENTED BY THE INSTALLATION OF STONE RIPRAP OUTLET PROTECTION DEVICES.

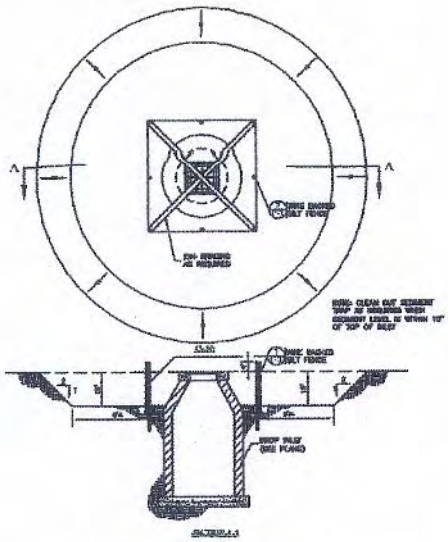
SEDIMENT CONTROL PROGRAM: SEDIMENT CONTROL WILL BE ACCOMPLISHED BY THE INSTALLATION OF SEDIMENT BARRIERS, DIVERSIONS AND CHECK DAMS. SEDIMENT BARRIERS AND DIVERSIONS AND CHECK DAMS WILL BE INSTALLED TO INTERCEPT SEDIMENT LADEN RUNOFF FROM THE DISTURBED AREAS AND TO PROTECT CUT AND FILL SLOPES FROM CONCENTRATED WATER FLOWS. A TEMPORARY CONSTRUCTION EXIT WILL BE EMPLOYED TO PREVENT THE TRANSPORT OF SEDIMENT FROM SITE BY VEHICULAR TRAFFIC.

DRAINAGE AND RESPONSIBILITIES: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN TENNESSEE."

SAFETY PRECAUTIONS: CONSTRUCTION ACTIVITIES WILL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LAWS, RULES AND REGULATIONS. PERMANENT STONE WATER DIVERSION STRUCTURES WILL BE POSTED AND FENCED TO ENCLOSE CHILDREN.

MAINTENANCE: DRAINAGE, SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSPECTED DAILY. ANY DAMAGES OBSERVED WILL BE REPAIRED BY THE END OF THAT DAY. CLEAN OUT OF SEDIMENT CONTROL STRUCTURES WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS AND SEDIMENT DISPOSAL ACCOMPLISHED BY SPREADING ON THE SITE. SEDIMENT BARRIERS AND SEDIMENT WILL REMAIN IN PLACE UNTIL SEDIMENT CONTRIBUTING AREAS ARE STABILIZED. SEDIMENT BARRIERS, SEDIMENT TRAPPED, AND THE BARRIERS WILL THEN BE REMOVED AND THE AREA OCCUPIED BY THESE STRUCTURES VEGETATED. GUIDELINES FOR THE MAINTENANCE OF ESTABLISHED VEGETATION WILL BE PROVIDED TO THE OWNER WHEN ALL DISTURBED AREAS ARE STABILIZED.

NOTE: EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.



1 DETAIL: TEMPORARY SEDIMENT TRAP

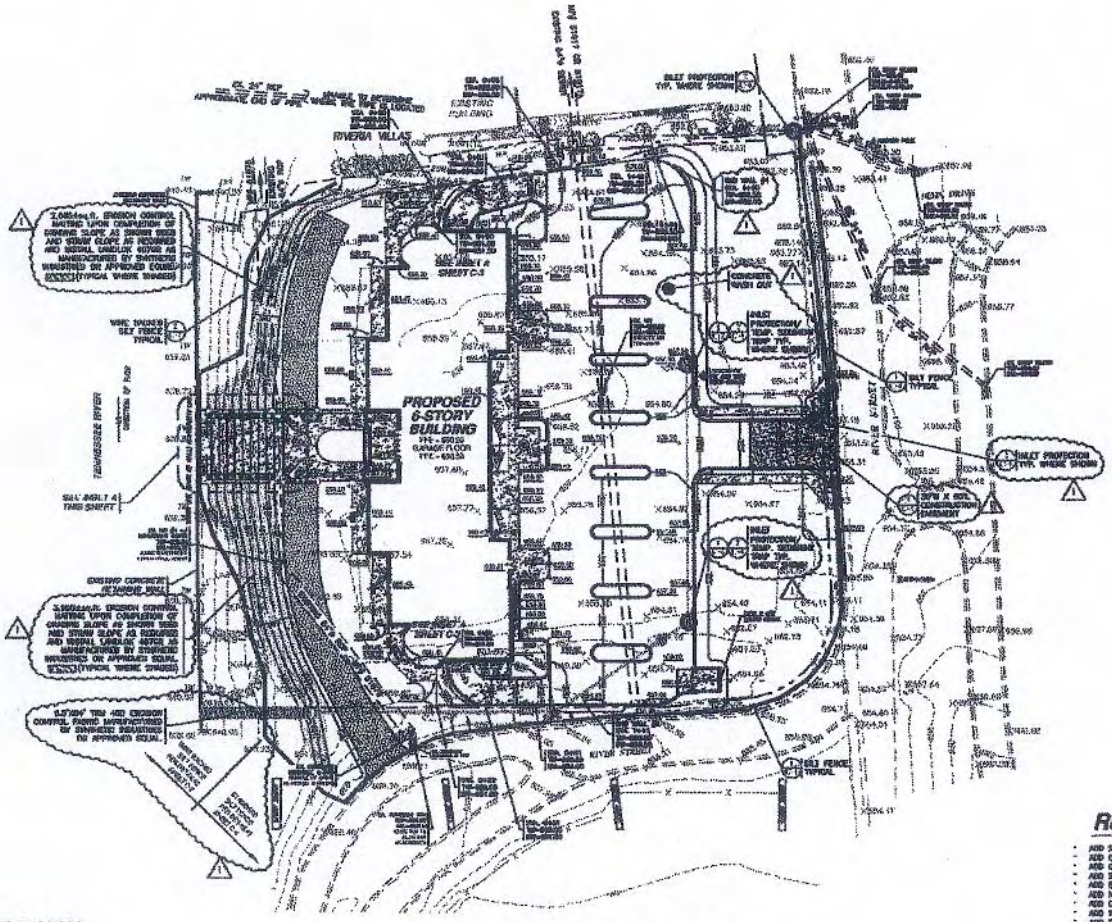
THE OWNERS REPRESENTATIVE FOR EROSION CONTROL MEASURES ONSITE IS BUTCH BROWN (423) 240-1900.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED, AND IF NECESSARY REPAIRED, WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT GREATER OR EQUAL TO 0.5 INCH.

ADDITIONAL EROSION CONTROL MEASURES, SUCH AS BUT NOT LIMITED TO, SILT FENCE, CHECK DAMS, SEDIMENT BASINS, EROSION CONTROL FABRIC, EARTHEN BERMS, SHALL BE USED ONSITE AS REQUIRED.

NOTE: EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

NOTE: EXISTING AND PROPOSED SEWER EASEMENTS NOT SHOWN FOR CLARITY PURPOSES ONLY. SEE SHEET C-1, C-5 AND L-1 FOR EXISTING SEWER EASEMENT LOCATIONS.



Grading and Erosion Control Plan

SCALE: 1" = 30'

Revision # 1

- ADD SEEDING CHART.
- ADD CONSTRUCTION EXIT.
- ADD CONCRETE WASH OUT AREA.
- ADD SILT FENCE AND INLET PROTECTION.
- ADD EROSION CONTROL FABRIC ON SLOPES.
- ADD NOTES #17 AND #18.
- ADD CONSTRUCTION NOTES.
- ADD TALL CONSTRUCTION, EXTEND WALL #1.
- ADD TEMP. SEDIMENT TRAP DETAIL.
- ADD WIRE BACKED SILT FENCE DETAIL.

A PORTION OF THIS PROPERTY LIES WITHIN THE 100 YEAR FLOOD ELEVATION OF 683.0 AS SHOWN BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD MAP OF CHATTANOOGA COMMUNITY PANEL NUMBER 470072-0041 DATED NOVEMBER 7, 2002.

EXISTING AND NEW DRAINAGE SYSTEM MUST BE SUBMITTED TO THE CITY OF CHATTANOOGA TECHNICAL INFORMATION CENTER (TIC) WITHIN 30 DAYS.

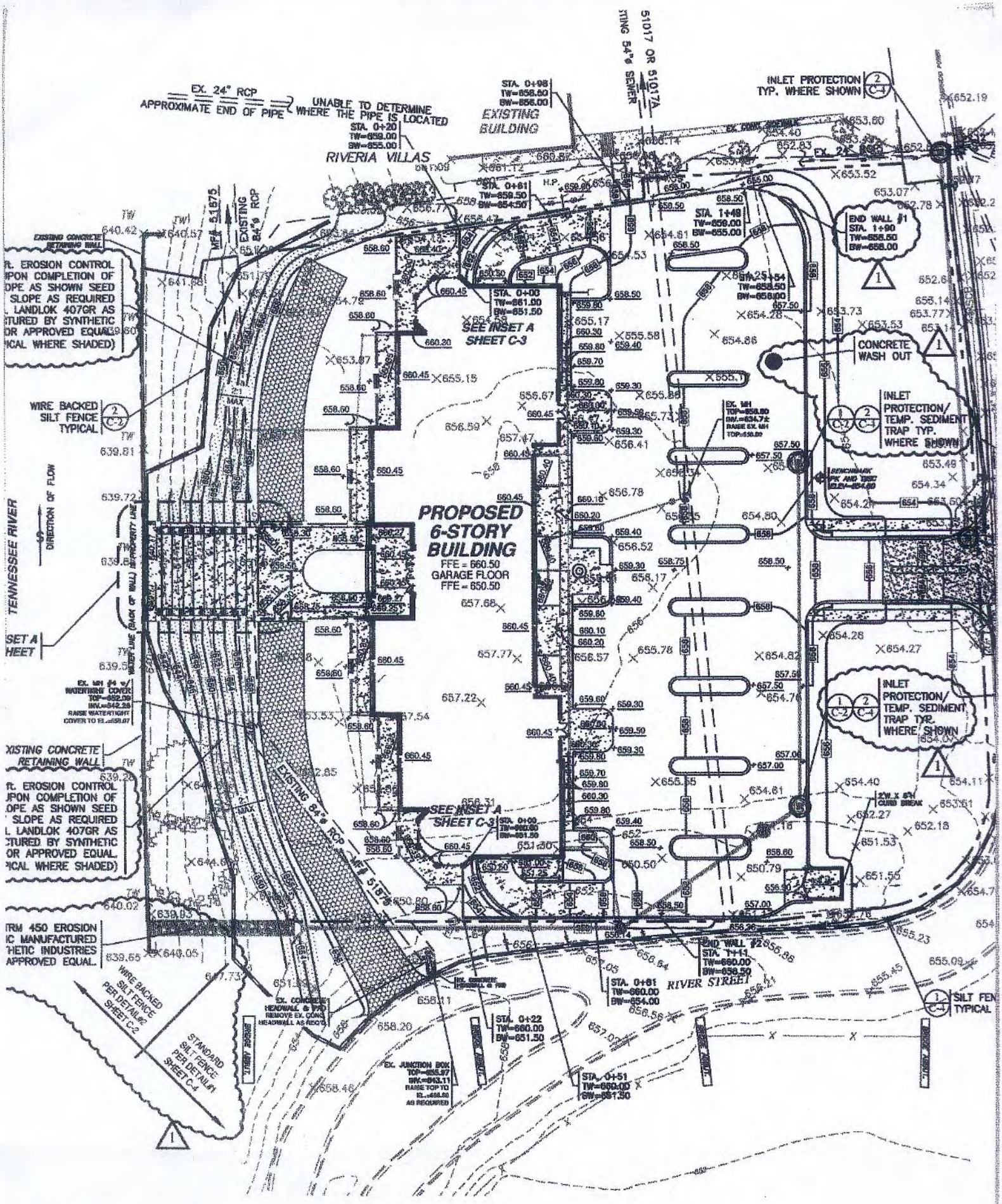
DISTURBED ACREAGE =2.4± ACRES
PRE-CONSTRUCTION IMPERVIOUS ACREAGE = 1.3± ACRES
POST-CONSTRUCTION IMPERVIOUS ACREAGE = 1.8± ACRES

NOTE: NUMBER OF DWELLINGS ON-SITE = 0

ALL RIGHTS RESERVED

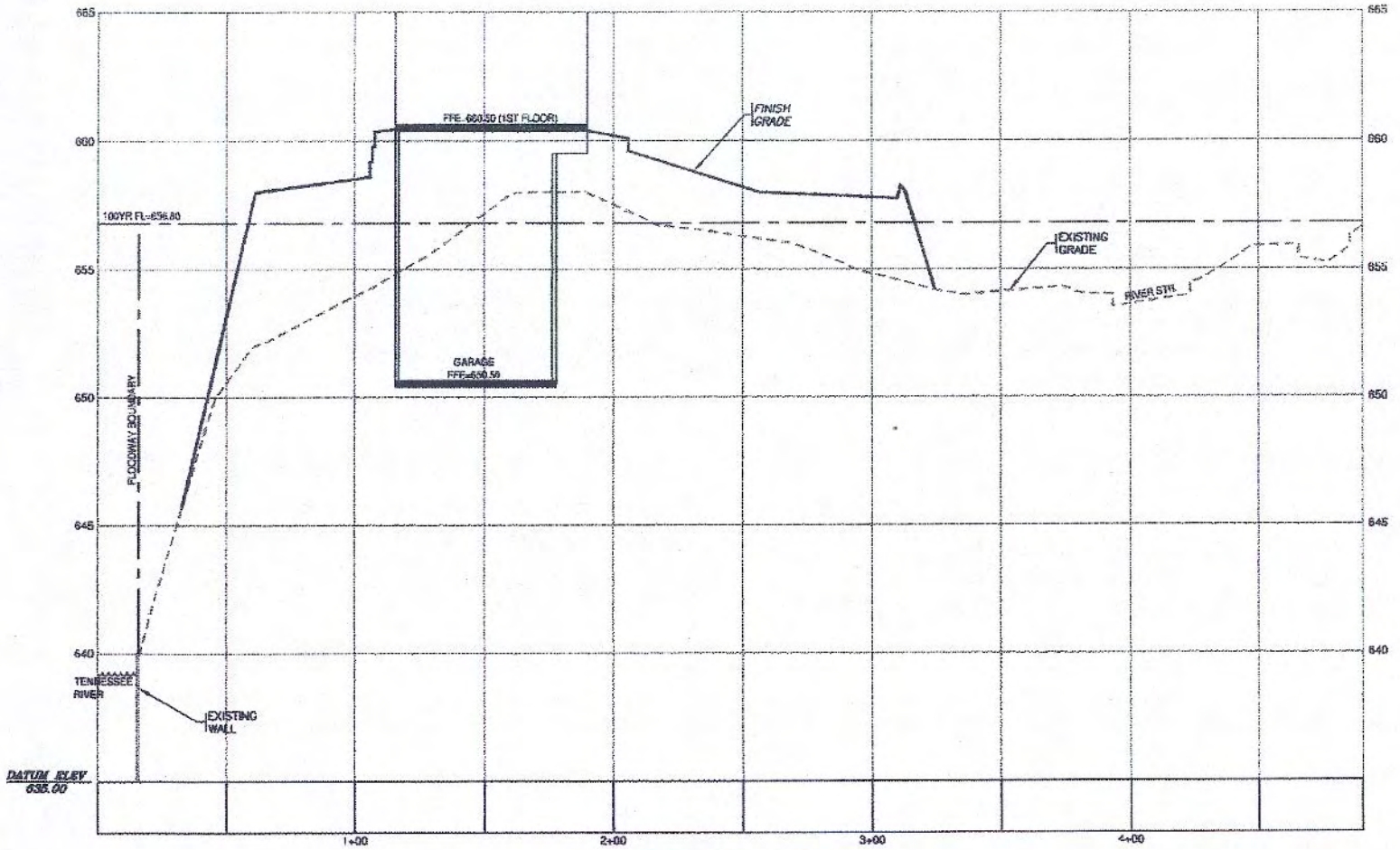
DATE: 05/04/05
DRAWN BY: CBA
CHECKED BY: MP
MAP SEAL NUMBER: 04-197

MAP



Grading and Erosion Control Plan

SCALE: 1" = 30'



SECTION THRU PROPERTY

HORIZONTAL SCALE: 1"=30' VERTICAL SCALE: 1"=3'

EROSION AND SEDIMENT CONTROL NOTES:

1. CONTRACTOR IS TO ADHERE TO THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK; AND THE BEST MANAGEMENT PRACTICES MANUAL OF THE STORM WATER MANAGEMENT DEPARTMENT OF PUBLIC WORKS FOR THE CITY OF CHATTANOOGA.
2. SEDIMENT AND EROSION CONTROL FACILITIES, AND STORM DRAINAGE FACILITIES SHALL BE CONSTRUCTED PRIOR TO ANY OTHER CONSTRUCTION.
3. ALL GRADED AREAS SHALL BE STABILIZED WITH A TEMPORARY FAST GROWING COVER AND/OR MULCH, NO LATER THAN 2 WEEKS AFTER EARTH DISTURBING ACTIVITY ENDS IN THOSE AREAS WHERE GRADING ACTIVITY HAS CEASED AND FINE GRADING WILL NOT TAKE PLACE FOR AT LEAST 15 DAYS.
4. CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES AS CALLED FOR ON THE DRAWINGS AND PER NOTE 1 OF THIS SECTION.
5. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE LEFT IN PLACE AFTER THIS CONTRACT EXPIRES.
6. ADDITIONAL EROSION CONTROL DEVICES SHALL BE USED AS REQUIRED.
7. SILT FENCE AND/OR HAY BALES SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE AND/OR HAY BALES OR CAPACITY IS REDUCED BY 50%.
8. MAXIMUM EMBANKMENT SLOPES TO BE AS FOLLOWS: CUT AREA 2:1; FILL AREAS 2:1 (UNLESS NOTED OTHERWISE).
9. EXISTING DRAINAGE STRUCTURES TO BE INSPECTED, REPAIRED AS NEEDED AND CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
10. SEEDING AND FERTILIZING RATES FOR TEMPORARY AND PERMANENT STANDS OF GRASS SHALL BE PER THE CITY OF CHATTANOOGA BEST MANAGEMENT PRACTICES MANUAL OF THE STORM WATER DEPARTMENT OF PUBLIC WORKS FOR THE CITY OF CHATTANOOGA.
11. IF FINES OR PENALTIES ARE LEVIED AGAINST THE PROPERTY OR PROPERTY OWNER BECAUSE OF LACK OF EROSION AND/OR SEDIMENT CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF SUCH FINES OR PENALTIES OR THE COSTS OF ANY FINES OR PENALTIES SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
12. ALL SIDE DITCHES TO BE CLEANED AND/OR REGRADED TO PROVIDE PROPER DRAINAGE.
13. TOPSOIL IS TO BE SPREAD OVER LAWN AREAS AT COMPLETION OF CONTRACT (PROVIDE 4" MINIMUM SPREAD).
14. NEW FINISHED CONTOURS SHOWN ARE TOP OF PAVEMENT AND TOP OF TOPSOIL IN AREAS TO BE SEEDED.
15. GRADING CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER AND TIMELY COMPLETION OF THIS PROJECT.
16. THE GRADING CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL EROSION, CONSERVATION AND SILTATION ORDINANCES. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND NOT BEFORE ALL AREAS DRAINING INTO THESE STRUCTURES ARE SUFFICIENTLY STABILIZED.
17. THE GRADING CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. THE CONTRACTOR SHALL CONTROL DUST BY SPRINKLING, OR BY OTHER METHODS AS DIRECTED BY THE ENGINEER AND/OR OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO OWNER.
18. IN NO CASE SHALL ANY PAVED AREAS BE LESS THAN 1.00% UNLESS OTHERWISE NOTED.
19. IT IS THE INTENT OF THIS PROJECT FOR THE CONTRACTOR TO VERIFY AND MATCH EXISTING CONDITIONS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER / ARCHITECT OF ANY ITEMS THAT DO NOT EXIST AS SHOWN.
20. THE CONTRACTOR SHALL REPAIR OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS AS RESULT OF HIS WORK.
21. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
22. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
23. ALL AREAS DISTURBED BY SITE GRADING CONTRACTOR THAT ARE NOT COVERED BY BUILDINGS OR PAVEMENT SHALL BE GRASSED PER REQUIREMENTS OF THE CONTRACT DOCUMENTS.
24. NO WORK SHALL OCCUR OFFSITE ON PROPERTY OWNED BY OTHERS WITHOUT OWNER AND/OR CONTRACTOR OBTAINING WRITTEN PERMISSION TO DO SO.
25. SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 0.5". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
26. UPON COMPLETION OF THE PROJECT, "RECORD" DRAWINGS MUST BE SUBMITTED TO THE JURISDICTIONAL ENGINEER WITHIN 30 DAYS.
27. THE OWNER SHALL HAVE AN INDEPENDENT TESTING AGENCY TO TEST AND APPROVE PROOFROLLING, COMPACTION, UNDERCUTTING AND OTHER TESTS AS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE TESTING AGENCY FOR ANY AND ALL REQUIRED SITE TESTING.
28. CONTRACTOR SHALL REFER TO AND ADHERE TO A GEOTECHNICAL REPORT PREPARED BY TRI-STATE TESTING & DRILLING (TS 05-001) DATED JANUARY 31, 2005 AND ADDENDUM DATED 05/18/2005 FOR ADDITIONAL GEOTECHNICAL INFORMATION AND RECOMMENDATIONS.

COMPACTION REQUIREMENT NOTES:

1. REMOVE SURFACE VEGETATION, TOPSOIL, FOUNDATIONS, SLABS, PAVEMENTS, ROOT SYSTEMS, ORGANIC MATERIAL, EXISTING FILL, AND SOFT OR OTHERWISE UNSUITABLE MATERIAL FROM THE BUILDING AND PAVEMENT AREA. ALL AREAS TO RECIEVE FILL OR CUT TO GRADE SHALL BE PROOFROLLED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL CONTACT THE GEOTECHNICAL ENGINEER FOR ALL PROOFROLLING. REMOVE AND REPLACE UNSUITABLE AREAS WITH SUITABLE MATERIAL. FILL MATERIAL SHALL BE FREE OF ORGANIC, AND OTHER DELETERIOUS MATERIALS AND ROCK FRAGMENTS LARGER THAN 3 INCHES AND BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR

LAND DISTURBING ACTIVITY NOTES:

VEGETATION: TOP SOIL WILL BE SALVAGED, STOCK PILED AND SPREAD ON AREAS TO BE VEGETATED. TREES OUTSIDE OF THE CLEARING LINE WILL BE PROTECTED FROM DAMAGE BY APPROPRIATE MARKINGS. SUPPLEMENTAL VEGETATION WILL BE ESTABLISHED.

EROSION CONTROL PROGRAM: CLEARING WILL BE KEPT TO A MINIMUM. VEGETATION AND MULCH WILL BE APPLIED TO APPLICABLE AREAS IMMEDIATELY AFTER GRADING IS COMPLETED. LAND DISTURBING WILL BE EMPLOYED TO PREVENT EROSION IN AREAS OF CONCENTRATED WATER FLOWS. EROSION AT THE EXITS OF ALL STORM WATER STRUCTURES WILL BE PREVENTED BY THE INSTALLATION OF STORM DRAIN OUTLET PROTECTION DEVICES.

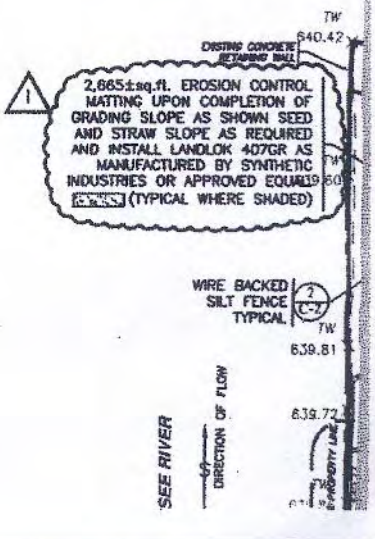
SEDIMENT CONTROL PROGRAM: SEDIMENT CONTROL WILL BE ACCOMPLISHED BY THE INSTALLATION OF SEDIMENT BASINS, SEDIMENT FENCES AND ADDITIONAL MEASURES AS REQUIRED. DIVERSIONS AND DIKES WILL BE INSTALLED TO DIVERT SEDIMENT LADEN RUNOFF INTO THE SEDIMENT BASINS AND TO PROTECT CUT AND FILL SLOPES FROM EROSIVE WATER FLOWS. A TEMPORARY CONSTRUCTION EXIT WILL BE EMPLOYED TO PREVENT THE TRANSPORT OF SEDIMENT FROM SITE BY VEHICULAR TRAFFIC.

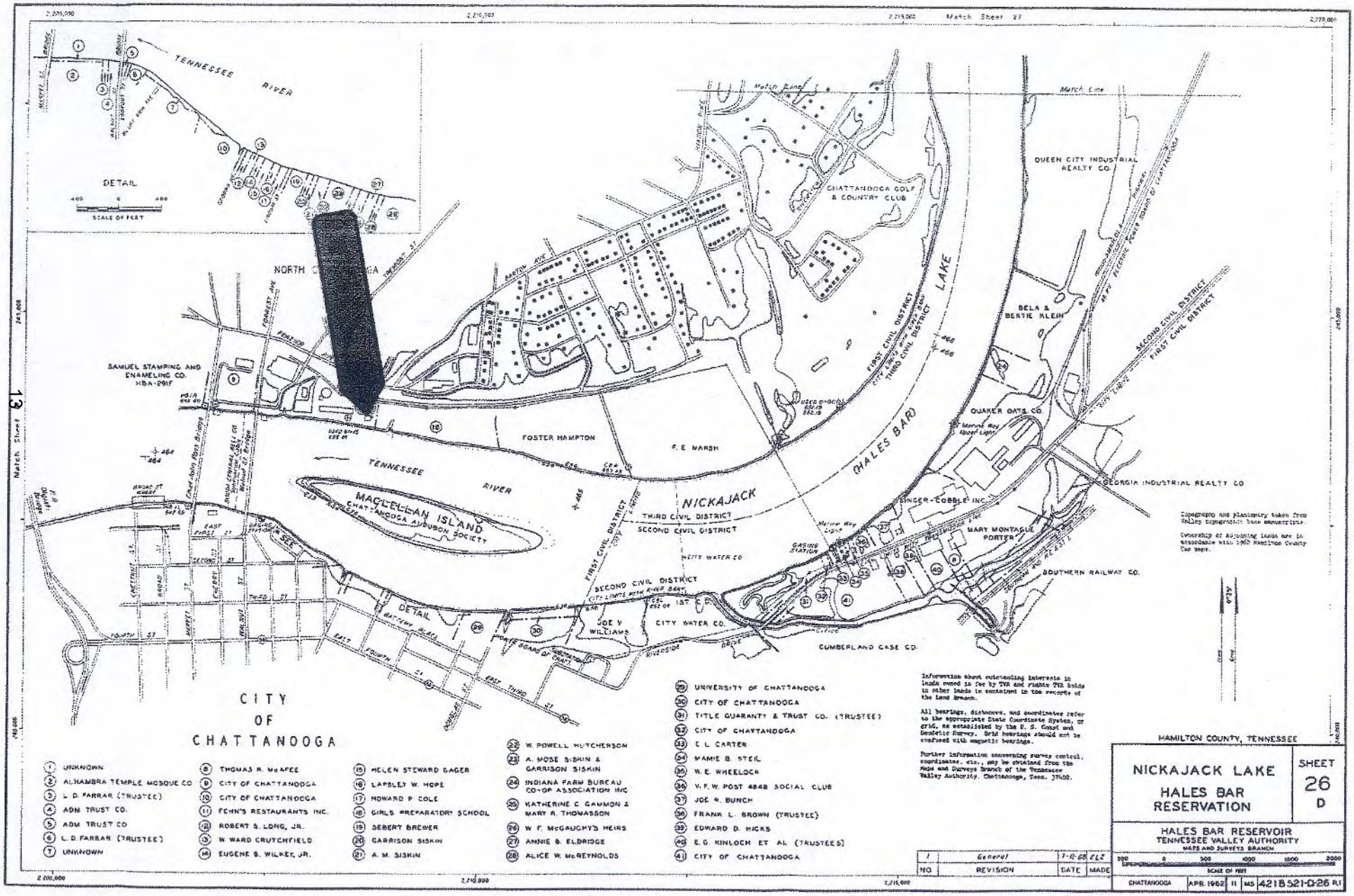
STANDARDS AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN TENNESSEE."

SAFETY PROTECTION: CONSTRUCTION ACTIVITIES WILL BE PERFORMED IN COMPLIANCE WITH WITH ALL APPLICABLE LAWS, RULES AND REGULATIONS. PERMANENT STORM WATER DETENTION STRUCTURES WILL BE POSTED AND FENCED TO EXCLUDE CHILDREN.

MAINTENANCE PROGRAM: SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSPECTED DAILY. ANY DAMAGES OBSERVED WILL BE REPAIRED BY THE END OF THAT DAY. CLEAN OUT OF SEDIMENT CONTROL STRUCTURES WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS AND SEDIMENT DISPOSAL ACCOMPLISHED BY SPREADING ON THE SITE. SEDIMENT BASINS AND BARRIERS WILL REMAIN IN PLACE UNTIL SEDIMENT CONTRIBUTING AREAS ARE STABILIZED. SEDIMENT BASINS, THE SEDIMENT FENCES, AND THE BARRIERS WILL THEN BE REMOVED AND THE AREAS OCCUPIED BY THESE STRUCTURES VEGETATED. GUIDELINES FOR THE MAINTENANCE OF ESTABLISHED VEGETATION WILL BE PROVIDED TO THE OWNER WHEN ALL DISTURBED AREAS ARE STABILIZED.

NOTE: EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.





1. UNKNOWN
2. ALHAMBRA TEMPLE MOSQUE CO
3. L. D. FARRAR (TRUSTEE)
4. ADM TRUST CO.
5. ADM TRUST CO
6. L. D. FARRAR (TRUSTEE)
7. UNKNOWN
8. THOMAS R. McAFEE
9. CITY OF CHATTANOOGA
10. CITY OF CHATTANOOGA
11. FENN'S RESTAURANTS INC.
12. ROBERT S. LONG, JR.
13. W. WARD CRUTCHFIELD
14. EUGENE S. WILKES, JR.
15. HELEN STEWARD GAGER
16. LAPSLEY W. HOPE
17. HOWARD P. COLE
18. GIRLS PREPARATORY SCHOOL
19. SEBERT BREWER
20. GARRISON SISKIN
21. A. M. SISKIN
22. W. POWELL HUTCHERSON
23. A. MOSE SISKIN & GARRISON SISKIN
24. INDIANA FARM BUREAU CO-OP ASSOCIATION INC
25. KATHERINE C. GAMMON & MARY A. THOMASSON
26. W. F. McGAUGHY'S HEIRS
27. ANNIE B. ELDRIDGE
28. ALICE W. McREYNOLDS
29. UNIVERSITY OF CHATTANOOGA
30. CITY OF CHATTANOOGA
31. TITLE GUARANTY & TRUST CO. (TRUSTEE)
32. CITY OF CHATTANOOGA
33. C. L. CARTER
34. MAMIE B. STEIL
35. W. E. WHEELOCK
36. V. F. W. POST 4848 SOCIAL CLUB
37. JOE R. BUNCH
38. FRANK L. BROWN (TRUSTEE)
39. EDWARD D. HICKS
40. E. G. KINLOCH ET AL (TRUSTEES)
41. CITY OF CHATTANOOGA

Topography and planimetry taken from Valley topographic base manuscripts.

Ownership of adjoining lands are in accordance with 1960 Hamilton County Tax maps.

Information about outstanding interests in lands owned in fee by TVA and rights TVA holds in other lands is contained in the records of the Land Branch.

All bearings, distances, and coordinates refer to the appropriate State Coordinate System, or grid, as established by the U. S. Coast and Geodetic Survey. Grid bearings should not be confused with magnetic bearings.

Further information concerning survey control, coordinates, etc., may be obtained from the Maps and Surveys Branch of the Tennessee Valley Authority, Chattanooga, Tenn. 37402.

NO.	REVISION	DATE	MADE
1	General	7-12-68	ELZ

HAMILTON COUNTY, TENNESSEE

NICKAJACK LAKE
HALES BAR RESERVATION

SHEET 26 D

HALES BAR RESERVOIR
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS BRANCH

SCALE OF FEET: 500 0 500 1000 1500 2000

CHATTANOOGA | APR. 1952 | M | MS 421B521-D-26 R1

Deep Ditch Lt. & Daymark 467.5
Powerline
Cl.@ Normal Pool 89.0'
Cl.@ High Water 61.0'
Bridge
Cl.@ Normal Pool 59.6'
Cl.@ High Water 32.9'
Bridge
Cl.@ Normal Pool 75.8'
Cl.@ High Water 49.3'
Bridge
Normal Pool 73.0'
High Water 46.0'
Marine Way Upper Lt. & Daymark 465.9
Marine Way Lt. & Daymark 465.6
North
attanooga
N 35° 04'
W 85° 17'
W 85° 16'
STRINGERS
DAYTON
DALLAS
ROAD
HIXSON
PIKE
AMNICOLA
Citico
Creek
Macfollan Island
RIVERSIDE
SS'S LANDING MARINA
TENNESSEE AQUARIUM
EXIT 1C
CHOO - CHOO
CHATTANOOGA
HIGHLAND PARK
Chattanooga
Creek
MISSIONARY
29
24
8
58
17
27
2
72
180A
180
181