

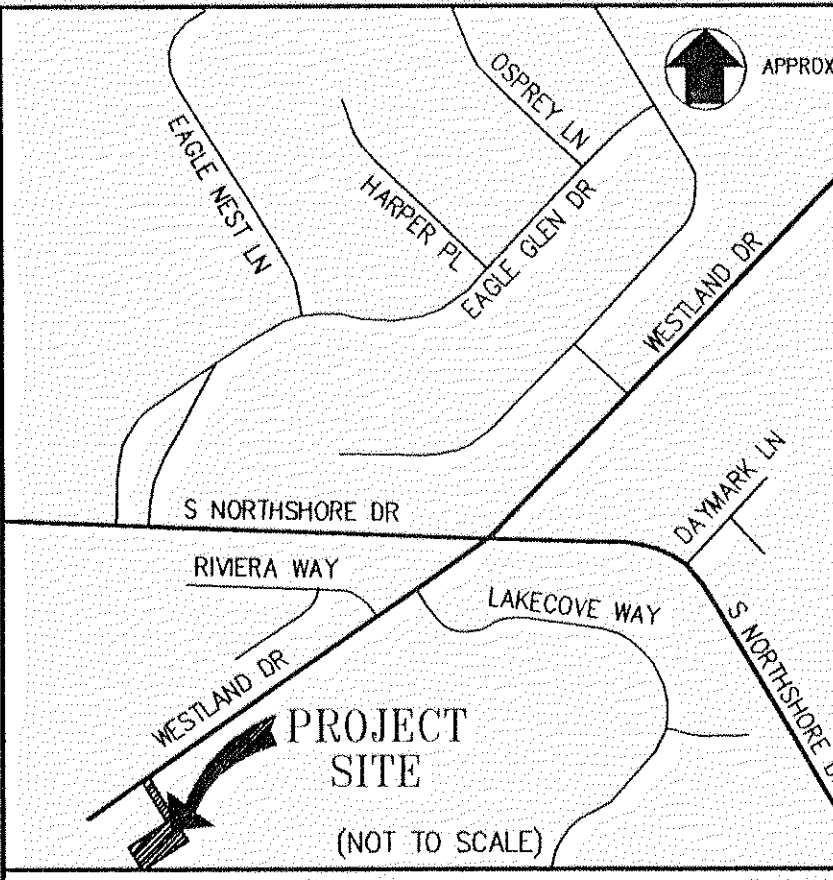
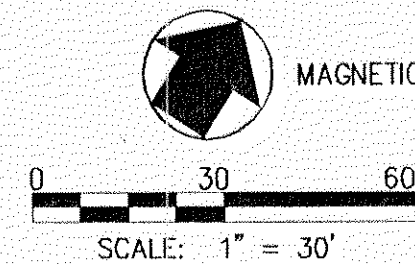
NOTES:

- BOUNDARY INFORMATION PROVIDED BY CANNON & CANNON, INC. DATED MAY 8, 2006. TOPOGRAPHIC INFORMATION BY CANNON & CANNON, INC. SUPPLEMENTED BY KGIS.
- UNLESS NOTED OTHERWISE, THE PROPOSED GRADES SHOWN ON THESE DRAWINGS ARE FINISH GRADE. EXISTING AND PROPOSED CONTOURS ARE SHOWN AT 1 FT. INTERVALS.
- EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK AND THE TDEC STORM-WATER POLLUTION PREVENTION PLAN REQUIREMENTS. THE DEVICES SHOWN ON THE DRAWINGS ARE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL DEVICES AS NEEDED.
- THE SITE SHALL BE CLEARED AND GRUBBED WITHIN THE LIMITS OF EXCAVATION. COMPLETELY DISPOSE OF ALL MATERIALS RESULTING FROM CLEARING AND GRUBBING OFF-SITE. BURNING SHALL NOT BE PERMITTED UNLESS PRIOR APPROVAL IS OBTAINED BY THE LOCAL FIRE DEPARTMENT. THE CONTRACTOR MUST OBTAIN A PERMIT AND MEET ALL OF THE REQUIREMENTS AS SPECIFIED BY THE FIRE DEPARTMENT.
- ALL TREE STUMPS, BOULDERS, AND OTHER OBSTRUCTIONS SHALL BE REMOVED TO A DEPTH OF 2 FT BELOW THE SUBGRADE. ROCK SHALL BE SCARIFIED TO A DEPTH OF 1 FT BELOW SUBGRADE.
- STRIP TOPSOIL TO A MINIMUM DEPTH OF 6-IN. AND TEMPORARILY STOCKPILE EXCAVATED MATERIALS. INSTALL SILT FENCE OR OTHER APPROPRIATE EROSION CONTROL STRUCTURES ON THE DOWN HILL SIDE OF THE STOCKPILE.
- PROOF ROLL ALL AREAS TO RECEIVE FILL. PROOF ROLL WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK USING A CRISS-CROSS PATTERN (4 PASSES MIN.). AREAS FAILING THE PROOF ROLLING SHALL BE UNDERCUT AND BACKFILLED USING AN ENGINEERED FILL OR STABILIZED BY A METHOD APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.
- AREAS THAT EXHIBIT WEAK SOIL OR OTHERWISE UNSUITABLE CONDITIONS SHALL BE UNDERCUT TO A FIRM LEVEL OF SOIL FOLLOWED BY BACKFILLING THE UNDERCUT AREAS USING AN ENGINEERED FILL, TDOT NO.57, OR TDOT NO. 67 STONE.
- FILL MATERIAL SHALL BE SATISFACTORY MATERIAL FREE FROM ROOTS AND OTHER ORGANIC MATERIAL, FROZEN MATERIAL, AND TRASH. FILL MATERIAL SHALL ALSO BE FREE OF STONES OR OTHER MATERIAL LARGER THAN 6 IN. AND LARGER THAN 4 IN. IN THE TOP 6 IN. OF AN EMBANKMENT.
- UNSATISFACTORY SOILS INCLUDE MATERIALS THAT ARE TOO WET OR TOO SOFT, EXPANSIVE SOILS (PLASTICITY INDEX GREATER THAN OR EQUAL TO 30), AND SOILS CLASSIFIED AS PT, OH, AND OL.
- FILL MATERIAL SHALL BE PLACED IN LOOSE, HORIZONTAL LIFTS NOT EXCEEDING 8 IN. IN THICKNESS. COMPACT EACH LAYER TO AT LEAST 98% MAXIMUM DRY DENSITY. COMPACT THE UPPER 24 IN. OF FILL BENEATH PAVEMENTS AND THE UPPER 12 IN. BENEATH BUILDING SLABS TO 100% MAXIMUM DRY DENSITY. MAINTAIN THE MOISTURE CONTENT TO WITHIN -1 TO +3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.
- A 4 IN. (MIN) LAYER OF TOPSOIL SHALL BE PLACED OVER THE AREAS TO BE SEEDDED AND TO THE FINISH GRADE ELEVATIONS AS SHOWN ON THE DRAWINGS.
- ALL NEWLY GRADED EARTHEN AREAS THAT ARE NOT TO BE PAVED, STABILIZED, OR SODDED SHALL BE SEEDDED, FERTILIZED, AND MULCHED WITHIN 30 DAYS OF ATTAINMENT OF FINAL GRADE.
- SEEDING SHALL BE DROUGHT TOLERANT, HYBRID KENTUCKY31 (JAGUAR, LANCER, REBEL II, FALCON II, ETC.) SEED AT A RATE OF 6-8 LBS./1000 S.F. USE A SLOW RELEASE STARTER FERTILIZER WITH 1 LBS./1000 S.F. NITROGEN. IF GRADING IS PERFORMED DURING THE WINTER MONTHS, SEED MIXTURE SHALL BE SUPPLEMENTED WITH A WINTER RYE OR OTHER APPROPRIATE MIXTURE TO ASSURE STABILIZATION DURING THE WINTER SEASON.
- MULCH WITH STRAW AT A RATE OF 100 LBS./1000 S.F. OVER THE SEEDDED AREAS.

NOTES CONTINUED:

- DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS OR POND ON-SITE. PROVIDE NECESSARY MEASURES TO KEEP THE SITE FREE-DRAINING.
- NO SLOPE SHALL EXCEED 2:1 (H:V).
- APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE HALTED FOR OVER 14 DAYS AND FINAL GRADING OF EXPOSED SURFACE IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO ALL SOIL STOCKPILES.
- APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.
- EXCAVATE TEMPORARY SEDIMENT BASIN AS FIRST ITEM OF CONSTRUCTION.

JONELDA W. BLALOCK
INST. NO. 199912090043469
10824 WESTLAND DRIVE
KNOXVILLE, TN. 37922



OVERVIEW OF PROPOSED IMPROVEMENTS:

- PROPERTY OWNER PROPOSES TO RAISE ELEVATIONS OF SITE AS SHOWN ON PLAN. FILL AS SHOWN REFLECTS 8,700 CY. BELOW ELEVATION 820.0 UNDER INITIAL SITE GRADING.
- APPROVAL IS SOUGHT FOR ADDITIONAL FILL AS CALLED FOR IN "SPECIAL NOTES" EQUALING NO MORE THAN 6,300 CY. TOTAL FILL PROPOSED BELOW ELEVATION 820.0 = 15,000 CY.
- PROPERTY OWNER SEEKS TO COMPENSATE FOR LOST FLOOD STORAGE VOLUME BY DREDGING AS SHOWN. TOTAL EXCAVATION BETWEEN ELEVATIONS 813.0 AND 807.0 TO BE NO LESS THAN 16,500 CY. EXCAVATED MATERIAL TO BE USED AS FILL ON-SITE. FINAL DREDGING QUANTITIES TO BE CONFIRMED BY WAY OF FIELD SURVEY.
- NOTING A NET INCREASE OF FLOOD STORAGE TO BE NO LESS THAN 1,500 CY, PROPERTY OWNER SEEKS RELEASE OF FLOWAGE EASEMENT ENCUMBRANCE.
- EXISTING IMPROVEMENTS TO BE DEMOLISHED SO AS TO FACILITATE CONSTRUCTION.
- DEVELOPMENT PLANS SHOWN IS APPROXIMATE ONLY. NO MORE THAN (10) LOTS ARE TO BE PLATTED, SUBJECT TO KNOXVILLE/KNOX COUNTY METROPOLITAN PLANNING COMMISSION APPROVAL. DOCK PERMITS FOR EACH PROPOSED PARCEL WILL BE REQUESTED UNDER SEPARATE APPLICATIONS.
- FUTURE BUILDING CONSTRUCTION SHALL BE FLOOD-PROOFED TO ELEVATION 820.5, MINIMUM (FLOOD RISK PROFILE, PLUS TWO FEET). FUTURE JOINT PERMANENT EASEMENT TO BE CONSTRUCTED ABOVE ELEVATION 816.5 (100 YEAR FLOOD ELEVATION).
- BUILDING SETBACKS SHALL BE AS FOLLOWS:
FRONT = 20 FEET
SIDEYARD = 5 FEET*
REAR YARD = RETAINING WALL
*SIDEYARD SETBACK SHALL BE 35' FROM PROPERTY LINE ADJOINING MASON TRACT.
- BUILDING FOOTPRINTS AS SHOWN ARE CONCEPTUAL ONLY AND SUBJECT TO FINAL ARCHITECTURAL DESIGN.

CONCEPT
PLAN

11-SG-06-C
11-L-06-UR

U.O.R.
DATE 12/1/06

REVISED

MASON ROSSIE LOY
DEED BOOK 1082 / PAGE 413
10800 WESTLAND DRIVE
KNOXVILLE, TN. 37934

SPECIAL NOTES:

- SITE GRADING ACTIVITIES WILL ADD APPROXIMATELY 15,000 CY OF FILL BETWEEN EXISTING CONTOUR ELEVATIONS 813.0 (NORMAL SUMMER POOL; FLOODWAY) AND 818.50 (FLOOD RISK PROFILE).
- FINAL FILL QUANTITIES TO BE VERIFIED VIA FIELD SURVEY.
- FLOOD STORAGE COMPENSATION FOR ABOVE FILL TO BE VIA DREDGING, WITH CALCULATIONS TO BE BASED UPON EXCAVATIONS NO LOWER THAN ELEVATION 807.0 (NORMAL WINTER POOL).
- FLOOD STORAGE COMPENSATION SHALL BE NO LESS THAN TEN PERCENT (10%) GREATER THAN FILL PLACED BETWEEN ELEVATIONS 813.0 AND 818.50. BASED UPON THIS, THE ESTIMATE OF PROBABLE FLOOD STORAGE EXCAVATION IS 16,500 CY.
- BECAUSE FILL ACTIVITIES WILL TAKE PLACE BELOW ELEVATION 816.5 (100-YEAR FLOOD), A VARIANCE TO EXECUTIVE ORDER 11988 MUST BE GRANTED.

CERTIFICATION OF CONCEPT PLAN

I hereby certify that I am an engineer, licensed to do engineering under the laws of the State of Tennessee. I further certify that the plan and accompanying drawings, documents and statements conform to all applicable provisions of the Knoxville-Knox County Subdivision Regulations except as has been itemized and described in a report filed with Metropolitan Planning Commission.

Engineer
Tennessee Certificate No. 7338

FORT LOUDOUN LAKE

DREDGING LIMITS = 10' (MIN.)
FROM ELEV. 813.00

LIMITS OF DREDGING TO
BE NO CLOSER THAN 50'
FROM DELINIATED WETLANDS

COMMON/
WETLANDS

LP 1+83.33
EL. 816.87

HP 3+35.00
EL. 817.75


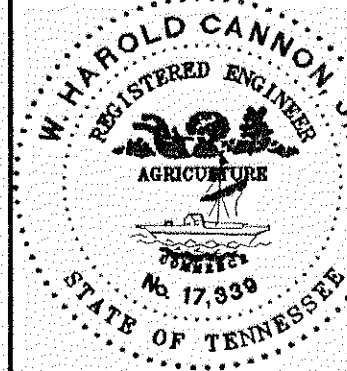
HP 6+67.50
EL. 819.89

LP 4+75.00
EL. 816.70

FORT LOUDOUN LAKE
(TENNESSEE RIVER MILE 617.4±)

DREDGING LIMITS = 10' (MIN.)
FROM ELEV. 813.00

STA. 7+71.18
END HAMMERHEAD TURNAROUND

| | |
|--|---|
| REVISED PER REG. AGENCY COMMENTS | 12/1/06 |
| REVISIONS | DATE |
|  Cannon & Cannon, Inc. Consulting Engineers • Field Surveyors | |
| 9724 Kingston Pike Suite 1100, Franklin Square Knoxville, Tennessee 37922 | |
| Telephone: (865) 670-8555 Fax: (865) 670-8866 | |
| CLIENT: | GARY D. ANDREWS 10818 WESTLAND DRIVE KNOXVILLE TENNESSEE, 37934 (865) 617-1097 |
| PROJECT: | ANDREWS POINTE 10818 WESTLAND DRIVE DISTRICT 5, KNOX COUNTY, TENNESSEE |
| USE ON REVIEW/CONCEPT PLAN PROPOSED ROUGH GRADING PLAN | |
|  | CCT PROJECT NO. 00623-0001 DATE JULY 7, 2006 P.I.C. WHC DRAWN WDW |
| <div>C2.01</div> | |