

TYPICAL SECTION - PROPOSED PUBLIC ROADWAY

N.T.S.

NOTES:

1. THE TYPICAL ASPHALT SECTION SHALL CONSIST OF 8" BASE STONE, 2.5" BINDER, 1.5" SURFACE COURSE. (10" MIX PER TDOT SPECIFICATIONS)
2. BORROW MATERIAL TO BE USED FOR FILL WILL BE TESTED FOR MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT (STANDARD PROCTOR ASTM D698) PRIOR TO PLACEMENT OF FILL.
3. FILL SOILS WILL BE COMPACTED IN LAYERS 8 INCHES OR LESS IN THICKNESS TO A MINIMUM OF 98 PERCENT STANDARD PROCTOR MAXIMUM DRY DENSITY AND WITHIN PLUS OR MINUS 3 PERCENT OPTIMUM MOISTURE CONTENT. SIX (6) DENSITY TESTS SHOULD BE PERFORMED NO LESS THAN EVERY 10,000 SQUARE FEET OF AREA PER 8-INCH LIFT (APPROX. 1 TEST PER EVERY 50 FEET).
4. COMPACTION TESTING OF ROADWAY, TO BE PERFORMED AND INSPECTED IN ACCORDANCE WITH KNOX COUNTY REQUIREMENTS.

300' SIGHT DISTANCE SHALL BE MAINTAINED AT SUBDIVISION ENTRANCE.

STA. 0+00 EDISON DR. =
@ N CAMPBELL STATION ROAD

VARIANCES:

1. (SECTION 62-71.5) A HORIZONTAL RADIUS OF 200 FT. IS PROPOSED AT STA. 15+94.08 EDISON DR., WHICH IS LESS THAN THE MINIMUM RADIUS OF 250 FT. FOR A LOCAL ROAD GREATER THAN 1000 FT.
2. (SECTION 62-71.5) A HORIZONTAL RADIUS OF 175 FT. IS PROPOSED AT STA. 8+92.86 DEMPSEY RD., WHICH IS LESS THAN THE MINIMUM RADIUS OF 250 FT. FOR A LOCAL ROAD GREATER THAN 1000 FT.
3. (SECTION 62-71.5) A HORIZONTAL RADIUS OF 150 FT. IS PROPOSED AT STA. 19+07.36 DEMPSEY RD., WHICH IS LESS THAN THE MINIMUM RADIUS OF 250 FT. FOR A LOCAL ROAD GREATER THAN 1000 FT.
4. (SECTION 62-74) A TANGENT LENGTH OF 130.35 FT. IS PROPOSED AT STA. 19+19.00 EDISON DR., WHICH IS LESS THAN THE MINIMUM 150.00 FT. BETWEEN BROKEN BACK CURVES FOR A LOCAL STREET.

NOTE: PROPOSED GRADES AT INTERSECTIONS FROM 1% TO 3% ARE APPROVED BY KNOX COUNTY.

HORIZONTAL CURVE DATA TABLE

CURVE NO.	RADIUS	P.C. STATION	P.T. STATION
C-1	250'	2+22.66	3+91.52
C-2	250'	9+57.93	11+22.17
C-3	250'	11+85.88	13+07.20
C-4	200'	15+94.08	19+19.00
C-5	250'	20+49.35	21+14.70
C-6	250'	0+03.83	1+01.67
C-7	175'	8+92.86	11+02.25
C-8	150'	19+07.36	21+24.41
C-9	360'	1+93.82	7+39.24

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.

Jeff Beckett

Engineer

Tennessee Certificate No. 105722

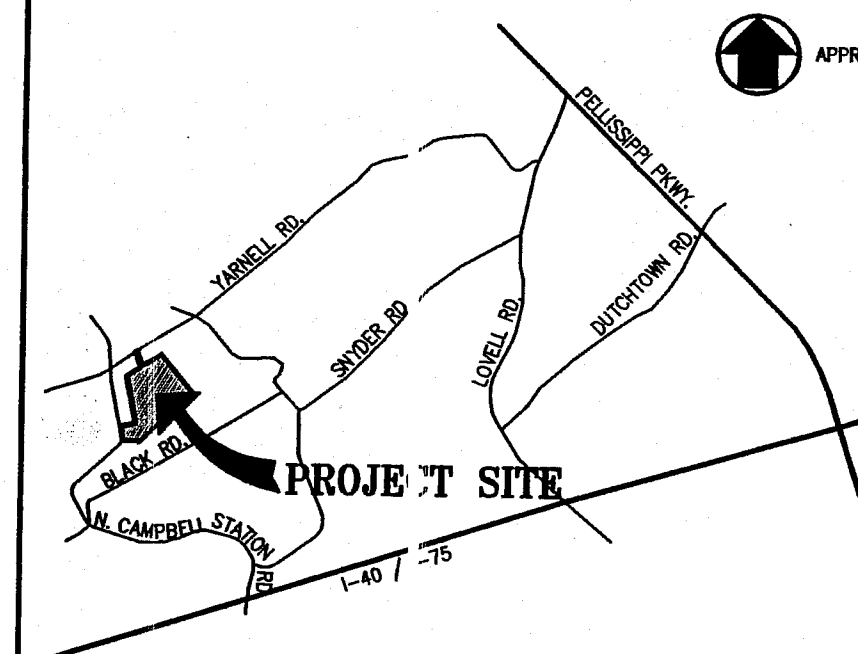
LEGEND

- 900 ----- EXISTING CONTOUR
- STREAM BUFFER
- PHASE 1

UTILITY SERVICES:

UTILITY SERVICES ARE TO BE PROVIDED BY THE FOLLOWING:
WATER - WEST KNOX UTILITY DISTRICT
SEWER - WEST KNOX UTILITY DISTRICT
ELECTRIC - LENOX CITY UTILITIES BOARD
GAS - KNOXVILLE UTILITIES BOARD
TELEPHONE - BELLSOUTH
CABLE - COMCAST

8-SD-10-C
REVISED
7-27-10



(NOT TO SCALE)

VICINITY MAP

GENERAL NOTES:

1. KNOX COUNTY CLT MAP N. 130, PARCEL 16 AND 17.01.
2. ZONING: PR
3. AREA OF PROPOSED SUBDIVISION = 46.4± ACRES.
4. NUMBER OF PROPOSED LOTS = 132
MIN. LOT AREA = 3000 S.
SETBACKS: FRONT YARD = 20 FEET
PERIPHERY = 3 FEET
SIDE = 5 FEET
REAR = 15 FEET
5. PERIMETER SLOPES SHALL BE LANDSCAPED AND ARE NOT TO EXCEED 2:1 (H:V) UNLESS PROPER STABILIZATION IS PROPOSED.
6. ALL LOT ACCESS TO BE FROM INTERNAL ROADWAY.
7. EXISTING CONTOURS, BOUNDARY AND OTHER TOPOGRAPHIC INFORMATION BY KGIS.
8. DETENTION TO BE EVALUATED AS PART OF FINAL DRAINAGE DESIGN.
9. USE ON REVIEW 4-1-06-11R WAS APPROVED FOR 132 LOTS ON 5-11-06.
10. PHASE 1 TOTAL ACREAGE: 27.9 COVERING 75 LOTS.
PHASE 2 TOTAL ACREAGE: 18.5 COVERING 57 LOTS.

LANDSCAPING:

1. ALL LANDSCAPING ACTIVITIES SHALL BE IN ACCORDANCE WITH SECTION 63-40, "LANDSCAPING," OF THE KNOX COUNTY MINIMUM SUBDIVISION REGULATIONS.
2. REFERENCING SECTION 14-37 OF THE ORDINANCE, ALL TREES SHALL BE MAINTAINED TO A SURE SURVIVAL A MINIMUM OF 18 MONTHS AFTER COMPLETION OF CONSTRUCTION.

EROSION CONTROL:

1. EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH TDEC AND KNOX COUNTY - DEPARTMENT OF ENGINEERING - REQUIREMENTS.
2. AS A MINIMUM, SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROPERTY, UNTIL PAVING & LANDSCAPING OPERATIONS ARE COMPLETED.

Cannon & Cannon, Inc.
Consulting Engineers & Field Surveyors
Knoxville, Tennessee 37919
Telephone: (615) 574-1111 • Fax: (615) 679-8866
www.cannon.com

CLIENT:

S&E PROPERTIES
405 MONTROOK LANE
KNOXVILLE, TENNESSEE 37919
(865) 518-1112

PROJECT:

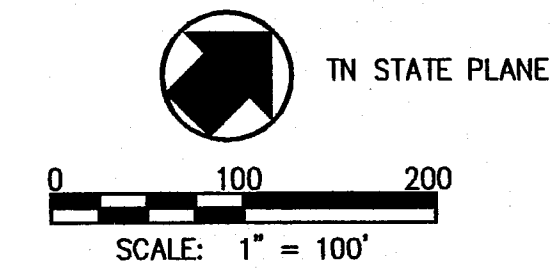
CAMPBELL CREEK SUBDIVISION PHASE 2
DISTRICT 6, KNOX COUNTY, TENNESSEE

CONCEPT PLAN

PRELIMINARY
NOT FOR
CONSTRUCTION

CCI PROJECT NO. 00531-0005
DATE: JULY 27, 2010
P.L.C.: WHC
DRAW: LED

C1.01



8-SD-10-C
REVISED
7-27-10

LEGEND	
----- 900 -----	EXISTING CONTOUR
-----	500 YR FLOODPLAIN
-----	100 YR FLOODPLAIN
-----	NO FILL LINE
-----	FLOODWAY
	STREAM BUFFER
MFE 930.0	MINIMUM FLOOR ELEVATION


REVISIONS		DATE
Cannon & Cannon, Inc. Consulting Engineers & Field Surveyors 405 MOI BROOK LANE KNOXVILLE, TENNESSEE 37919 Telephone: (865) 70-8559 • Fax: (865) 670-4866 www.cannon-cannon.com		
CLIENT:	S&E I PROPERTIES 405 MOI BROOK LANE KNOXVILLE, TENNESSEE 37919 (865) 539-1112	
PROJECT:	CAMPBELL CREEK SUBDIVISION PHASE 2 DISTRICT 6, KNOX COUNTY, TENNESSEE	
HICKORY CREEK FLOODWAY MAP		
PRELIMINARY NOT FOR CONSTRUCTION	PROJECT NO. 00531-0005	
	DATE JULY 27, 2010	
	P.L.C. WHC	
	DRAWN LED	
<div style="text-align: right; font-size: 24pt; font-weight: bold;">C1.02</div>		



LEGEND

- 900 PROPOSED CONTOUR
- 900 EXISTING CONTOUR
- NO FILL LINE
- STREAM BUFFER
- MFE 930.0 MINIMUM FLOOR ELEVATION

8-SD-10-C
REVISED
 7-27-10

REVISIONS		DATE
<div><div>Cannon & Cannon, Inc. Consulting En ineers • Field Surveyors 85 1/2 Kingsley Pike Knoxville, Tennessee 37919 Telephone: (865) 538-8855 • Fax: (865) 670-8866 www.cannon-cannon.com</div></div>		
CLIENT:		
S&E PROPERTIES 405 MONTBROOK LANE KNOXVILLE, TENNESSEE 37919 (865) 538-1112		
PROJECT:		
CAMPBELL CREEK SUBDIVISION PHASE 2 DISTRICT 6, KNOX COUNTY, TENNESSEE		
ROUGH GRADING PLAN		
PRELIMINARY NOT FOR CONSTRUCTION	C.S. PROJECT NO. 00531-0005	
	DATE JULY 27, 2010	
	P.I.C. WHC	
	DRAWN LED	
	C1.03	