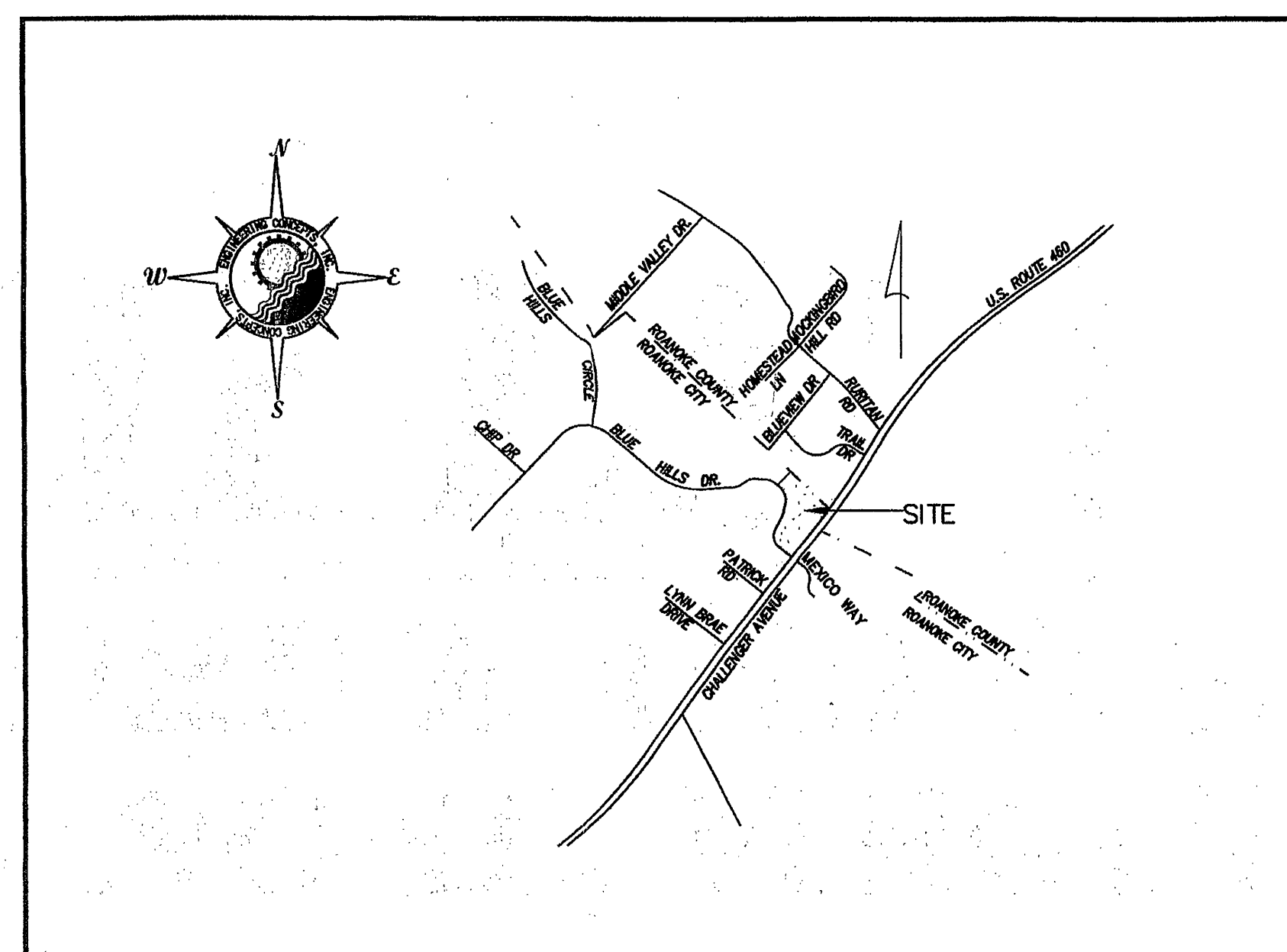


***BLUE HILLS DRIVE AND U.S. ROUTE 460
ROANOKE, VIRGINIA***

SHEET INDEX

SUBDIVISION IMPROVEMENTS					
Category	Item	Quantity	Unit	Unit Price	Extension
Erosion and Sediment Control					
	Inlet Protection	6	EA	\$150.00	900.00
	Construction Road Stabilization	1010	SY	\$15.00	15,150.00
Subtotal					16,050.00
Utilities					
Sanitary Sewer					
	Manholes	8	EA	\$2,200.00	17,600.00
	8" PVC SDR 35	1300	LF	\$28.00	36,400.00
Storm Sewer					
	Manholes	2	EA	\$2,050.00	4,100.00
	D1-3C	2	EA	\$1,700.00	3,400.00
	D1-3B	4	EA	\$2,530.00	10,120.00
	16" HDPE ADS N-12	80	LF	\$20.00	1,600.00
	18" HDPE ADS N-12	133	LF	\$22.00	2,926.00
	24" HDPE ADS N-12	184	LF	\$28.00	5,152.00
	24" ES-1	1	EA	\$225.00	225.00
	S.W.M. Pond Conversion	1	LS	\$5,000.00	5,000.00
	Conc. Trickle Ditch	664	SF	\$5.00	3,320.00
Water Line					
	Fire Hydrants Relocated	1	EA	\$2,200.00	2,200.00
Roadway Improvements					
	CG-6	1687	LF	\$16.00	26,992.00
	Handicap Access Ramps	2	EA	\$1,500.00	3,000.00
	Concrete Sidewalk	3420	SF	\$3.50	11,970.00
	Pavement	2018	SY	\$17.50	35,315.00
	Pavement and Base Turn Lane	463	SY	\$55.00	25,465.00
	Landscape Allowance	1	LS	\$9,800	9,800.00
PROJECT SUB-TOTAL					220,635.00
10% CONTINGENCY					22,063.50
TOTAL PROJECT COST=					242,698.50



VICINITY MAP
NOT TO SCALE

AS - BUILT
4/22/2008

- 1 ROANOKE CITY COVER SHEET
 - 2 ROANOKE COUNTY COVER SHEET
 - 3 NOTES
 - 4 DETAILS
 - 5 OVERVIEW PLAN
 - 6 DEVELOPMENT PLAN
 - 7 DEVELOPMENT PLAN
 - 8 PROFILE BLUE HILLS VILLAGE DRIVE
 - 9 STORM DRAIN PROFILES
 - 10 SANITARY SEWER PROFILES
 - 11 SIGHT DISTANCE PROFILES
 - 12 TURN LANE DEVELOPMENT PLAN
 - 13 RIGHT OF WAY DEMOLITION & SECTIONS
 - 14 EROSION CONTROL PLAN
 - 15 EROSION CONTROL & STORMWATER MANAGEMENT DETAILS
 - 16 LANDSCAPING PLAN
 - 17 INLET AND PIPE CALCULATIONS
 - 18 DITCH DRAINAGE CALCULATIONS
 - 19 CURB FLARE & DITCH CALCULATIONS
 - 20 PRE / POST DRAINAGE MAPS
- MASS GRADING SHEETS (APPROVED)
- 21 EROSION CONTROL PLAN (APPROVED SHEET 7)
 - 22 EROSION CONTROL AND STORMWATER MANAGEMENT DETAILS
(APPROVED SHEET 8)

2	CITY, COUNTY & VDOT APRIL COMMENTS
3	CITY COMMENTS, 6/18/07
4	CITY COMMENTS, 7/9/07

RECEIVED
JUL 16 2007
CITY OF ROANOKE
PLANNING BUILDING AND DEVELOPMENT

DEVELOPMENT PLAN APPROVED FOR CONSTRUCTION BY ROANOKE COUNTY		
Department		Date
Development Review	<i>[Signature]</i>	8/16/6
Engineering	<i>[Signature]</i>	8/16/6
Water & Sewer	<i>[Signature]</i>	8/13/6
Planning & Zoning	<i>[Signature]</i>	8/14/6

DEVELOPMENT PLAN APPROVED

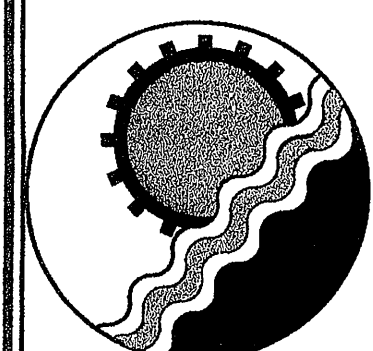
Date

Agent, Planning Commission *Chris Arthur* 9/11/07

Development Engineer *George R. Newgard* 9-11-07

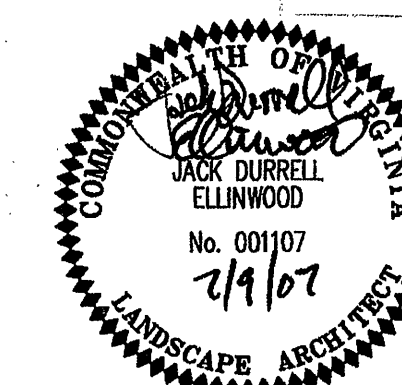
Zoning Administrator *Nancy C. Shindigress* 9-11-07

Any changes to this approved plan must be coordinated with the Agent to the Planning Commission and revisions approved prior to construction.



ENGINEERING CONCEPTS, INC.

**3433 BRAMBLETON AVENUE, SUITE 200B
ROANOKE, VIRGINIA 24018
540.776.5715 FAX: 540.776.8543**



Drawn	DRB	BLUE HILLS VILLAGE COVER SHEET	SCALE: NONE
Designed	JDE		OCT. 20, 2006
Checked	JDE	BLUE HILLS DRIVE & U.S. ROUTE 460 ROANOKE, VIRGINIA	PROJECT: 06067
Approved	JDE		1