

# WIRTZ SERVICES, LLC

## WIRTZ CENTRAL SEWER SYSTEM

### FRANKLIN COUNTY, VIRGINIA

# ACS DESIGN

ENGINEERING • SURVEYING  
LANDSCAPE ARCHITECTURE  
CONSTRUCTION MANAGEMENT

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#### ABBREVIATIONS AND ACRONYMS

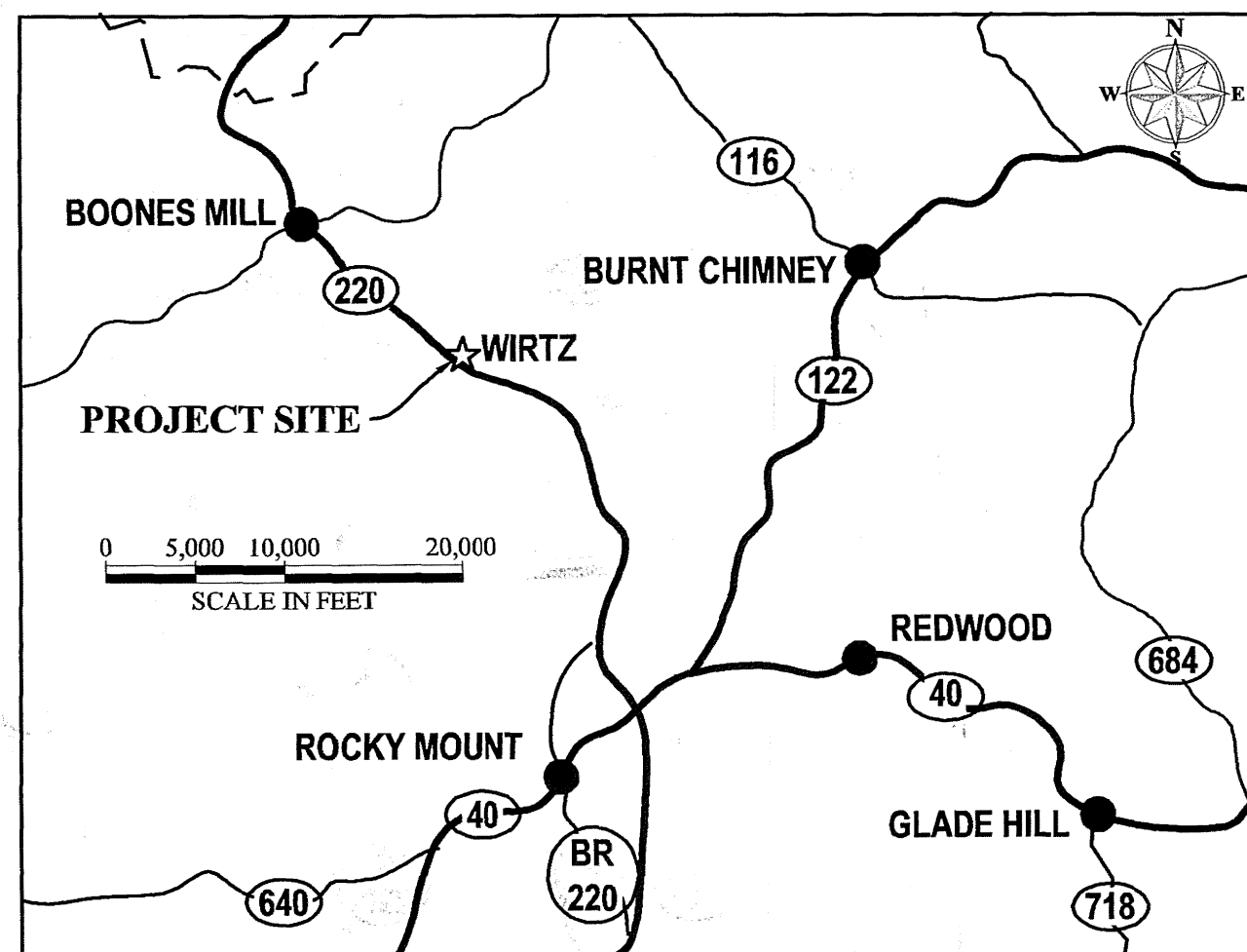
ABAN	ABANDONED	MAS	MASONRY
AC	ACRES	MATL	MATERIAL
ADJ	ADJACENT	MAX	MAXIMUM
AGGR	AGGREGATE	MB	MAIL BOX
ALUM	ALUMINUM	MBL	MINIMUM BUILDING LINE
ANC	ANCHOR	MECH	MECHANICAL
BC	BACK OF CURB	MFR	MANUFACTURER
BEG	BEGINNING	MH	MANHOLE
BIT	BITUMINOUS	MIN	MINIMUM
BJ	BELL JOINT	MJ	MECHANICAL JOINT
BL	BASE LINE	MON	MONUMENT
BLDG	BUILDING	MTL	METAL
BM	BENCHMARK	N&C	NAIL AND CAP
BO	BLOW-OFF VALVE	NBL	NORTHBOUND LANE
BSP	BLACK STEEL PIPE	NIC	NOT IN CONTRACT
BV	BUTTERFLY VALVE	NO	NUMBER
BVCE	BEGIN VERTICAL CURVE ELEVATION	NPW	NON-POTABLE WATER
BVCS	BEGIN VERTICAL CURVE STATION	NTS	NOT TO SCALE
C&G	CURB AND GUTTER	OC	ON CENTER
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CI	CAST IRON	OHE	OVERHEAD ELECTRIC
CL	CENTER LINE	OUH	OVERHEAD UTILITIES
CMP	CORRUGATED METAL PIPE	PC	POINT OF CURVE
CMU	CONCRETE MASONRY UNITS	PCC	POINT OF COMPOUND CURVE
CO	CLEANOUT	PER	PERIMETER
COE	U.S. ARMY CORPS OF ENGINEERS	PERP	PERPENDICULAR
COL	COLUMN	PERP	PERPENDICULAR
COMB	COMBINATION	PI	POINT OF INTERSECTION
CONC	CONCRETE	PL	PROPERTY LINE
CONST	CONSTRUCTION	POL	POINT ON LINE
CONV	CONVEYOR	PP	POWER POLE
COR	CORNER	PRC	POINT OF REVERSE CURVE
CTR	CENTER	PSI	POUNDS PER SQUARE INCH
CTV	CABLE TELEVISION	PT	POINT OF TANGENT
CULV	CULVERT	PUE	PUBLIC UTILITY EASEMENT
D	DEPTH	PUPPE	PUBLIC UTILITY & PEDESTRIAN PATHWAY
D/W	DRIVEWAY	EASEMENT	EASEMENT
DE	DRAINAGE EASEMENT	PVC	POLYVINYL CHLORIDE
DEQ	VIRGINIA DEPARTMENT OF ENVIRONMENTAL	PVC	POINT OF VERTICAL CURVE
DI	DRAIN INLET	PVI	POINT OF VERTICAL INTERSECTION
DIA. Ø	DIAMETER	PVMT	PAVEMENT
DIM	DIMENSION	R	RADIUS
DIP	DUCTILE IRON PIPE	R/W	RIGHT OF WAY
DISC	DISCONNECT	RCP	REINFORCED CONCRETE PIPE
DMH	DROP MANHOLE	RDCR	REDUCER
DOC	DIGRESS OF CURVE	REF	REFERENCE
DTL	DETAIL	REINF	REINFORCEMENT
DWG	DRAWING	REL	RELOCATED
DWL	DWELLING	REQD	REQUIRED
EA	EACH	REV	REVISION
EBL	EASTBOUND LANE	RR	RAILROAD
EF	EACH FACE	ROUTE	ROUTE
ELEC	ELECTRICAL	SW	SIDEWALK
ELEV	ELEVATION	SAN	SANITARY
ENGR	ENGINEER	SBL	SOUTHBOUND LANE
ENTR	ENTRANCE	SCH	SCHEDULE
EOL	END OF LINE	SD	STORM DRAIN
EP	EDGE OF PAVEMENT	SE	SLOPE EASEMENT
EQ	EQUAL	SEC	SECTION
EQPT	EQUIPMENT	SF	SQUARE FEET
EVCE	END VERTICAL CURVE ELEVATION	SH	SHOULDER
EVCS	END VERTICAL CURVE STATION	SIM	SIMILAR
EW	EACH WAY	SMH	SEWER MANHOLE
EXT	EXISTING	SPEC	SPECIFICATION
EXT	EXTERIOR	SS	SANITARY SEWER
FC	FACE OF CURB	SSMH	SANITARY SEWER MANHOLE
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	SSSD	SAFE STOPPING SIGHT DISTANCE
FES	FLARED END SECTION	ST	STREET
FFE	FINISHED FLOOR ELEVATION	STD	STANDARD
FIG	FIGURE	STA	STATION
FIN	FINISH	STD	STANDARD
FLG	FLANGE	SUR	SURVEY
FM	FORCE MAIN	SVC	SERVICE
FT	FOOT, FEET	TOTD	TOTAL DYNAMIC HEAD
FTG	FOOTING	TEL	TELEPHONE
FUT	FUTURE	TEMP	TEMPORARY
GA	GALVE	TP	TELEPHONE POLE
GAL	GALLON	TRTD	TREATED
GALV	GALVANIZED	TW	TOP OF WALL
GAR	GARAGE	TY	TYPICAL
GND	GROUND	UE	UNDERGROUND ELECTRIC
GOVT	GOVERNMENT	UG	UNDERGROUND GAS
GPD	GALLONS PER DAY	UGD	UNDERGROUND
GPM	GALLONS PER MINUTE	UL	UNDERWRITER'S LABORATORY
GRG	GRAVEL	UON	UNLESS OTHERWISE NOTED
GRG	GRATING	US	U.S. GEOLOGIC SURVEY
GV	GATE VALVE	U	UNDERGROUND TELEPHONE
H&T	HUB AND TAC	V	VENT
HLM	HOLLOW METAL	VAL	VALVE
HOR	HORIZONTAL	VAR	VARIABLE
HPT	HIGH POINT	VC	VERTICAL CURVE
HQR	HYDRANT	VH	VIRGINIA DEPARTMENT OF HEALTH
HYD	HYDRANT	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
ID	INSIDE DIAMETER	VERT	VERTICAL
IN	INCH	VESCH	VIRGINIA EROSION AND SEDIMENT CONTROL
INSL	INSULATION	VINYL	VINYL
INT	INTERIOR	VOL	VOLUME
INVT	INVERT	W	WATER
IP	IRON PIN FOUND	W	WITH
IPS	IRON PIN SET	WO	WITHOUT
L	LENGTH	WBL	WESTBOUND LANE
LF	LINEAR FOOT	WL	WATER LINE
LP	LIGHT POLE	WM	WATER METER
LPG	LIQUID PETROLEUM	WMH	WATER MANHOLE
		WS	WATER SURFACE
		WT	WEIGHT
		WTT	WATER TIGHT
		WV	WATER VALVE
		WWTP	WASTEWATER TREATMENT PLANT

#### EXISTING

#### PROPOSED

#### DESCRIPTION

		BUILDING WITH PORCH OR STOOP
		FOUNDATION ONLY
		CONTOUR, CONTOUR WITH ELEVATION
		CONCRETE CURB
		CONCRETE CURB & GUTTER
		CONCRETE WALK OR SLAB
		PAVEMENT
		UNPAVED OR GRAVEL ROAD
		TREE LINE
		TREE OR SHRUB
		FENCE (EXISTING OR PROPOSED NOTED)
		CENTERLINE CREEK, SWALE, DITCH
		PROPERTY LINE
		CENTERLINE OR BASELINE



VICINITY MAP

#### GENERAL NOTES

- Base mapping was provided by Phil Nester, LS and was supplemented with field location of existing utilities by ACS DESIGN, LLC.
- These drawings reflect the property described in the Special Use Permit granted by the Franklin County Board of Supervisors on February 12, 2007.
- A Land Use Permit is required before conducting any work within VDOT rights-of-way.
- Bearings and distances are shown along the centerline of the sanitary sewer easement and along the boundaries of the pump station site and the WWTP site.

#### UTILITY NOTES

- Contractor shall install force main so that there are no localized high spots. If this is impossible due to site conditions or existing underground utilities, then contractor shall provide a 1-inch air release valves in each of the high spots.

#### PROJECT CONTACTS

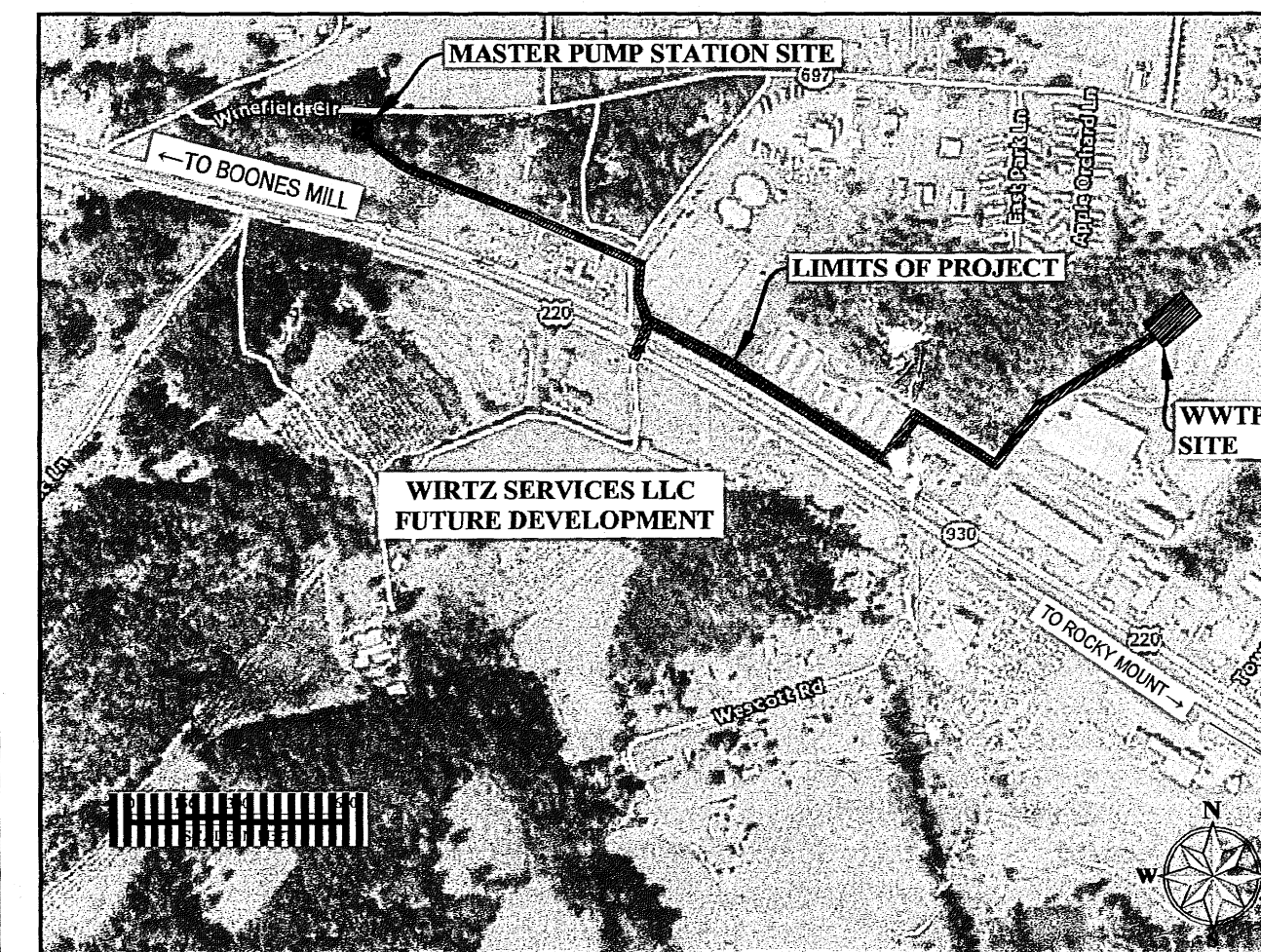
Franklin County Planning Department  
c/o David Vogelsong, PE  
40 East Court Street  
Rocky Mount, Virginia 24151  
Phone: (540) 483-3027  
Fax: (540) 483-3041

Franklin County Utility Department  
c/o David Vogelsong, PE  
40 E. Court Street  
Rocky Mount, Virginia 24151  
Phone: (540) 483-6660

Franklin County Health Department  
Environmental Health Services  
c/o Tim Baker  
365 Pell Ave.  
Rocky Mount, Virginia 24151  
Phone: (540) 484-0292

Virginia Department of Environmental Quality  
West Central Regional Office  
3019 Peters Creek Road  
Roanoke, Virginia 24019  
Phone: (540) 562-6708  
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Virginia Department of Transportation  
Rocky Mount Residency  
Anthony Handy, PE  
239 State Street  
Rocky Mount, Virginia 24151  
Phone: (540) 857-7077



OVERVIEW MAP

#### RESPONSIBLE LAND DISTURBER CERTIFICATION

PRINTED NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

COMPANY NAME \_\_\_\_\_ ADDRESS \_\_\_\_\_

RESPONSIBLE LAND DISTURBER CERTIFICATION NUMBER \_\_\_\_\_

#### OWNER/DEVELOPER CERTIFICATION

The Owner/Developer certifies that he/she understands the site design requirements imposed by the site development plans and applicable County Codes, as shown hereon, and agrees to comply with these plans during construction, unless modifications to plans are approved by Franklin County.

OWNER REPRESENTATIVE \_\_\_\_\_

#### STATE OF VIRGINIA

I, \_\_\_\_\_ OF \_\_\_\_\_, a Notary Public in and for the aforesaid County and State do hereby certify that \_\_\_\_\_, whose name is signed to the foregoing writing dated \_\_\_\_\_, has personally appeared before me in my aforesaid County and State and acknowledged the same on \_\_\_\_\_.

NOTARY PUBLIC \_\_\_\_\_

#### OWNER/DEVELOPER:

WIRTZ SERVICES, LLC  
JOEL SHEPHERD  
20050 VIRGIL GOODE HIGHWAY  
ROCKY MOUNT, VIRGINIA 24151  
PHONE: (540) 334-3876

COVER SHEET