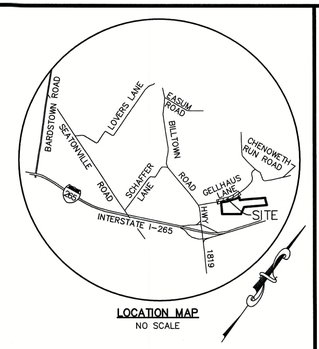
LEGEND

- 690 — EXISTING CONTOUR
- EXISTING CATCH BASIN
- EXISTING HEADWALL
- EXISTING STORM PIPE
- EXISTING TOP OF BANK
- EXISTING TOE OF SLOPE/DITCH
- EXISTING RIP RAP
- OHU — EXISTING OVERHEAD UTILITY
- EXISTING UTILITY POLE
- EXISTING DOWN GUY
- W — EXISTING WATER LINE
- WM — EXISTING WATER METER
- WV — EXISTING WATER VALVE
- FH — EXISTING FIRE HYDRANT
- T — EXISTING TELEPHONE PEDESTAL
- EXISTING SIGN
- X — EXISTING FENCE
- 683.72 — EXISTING SPOT ELEVATION
- PROPOSED CATCH BASIN W/ PIPE
- PAVEMENT WIDENING
- FLOW ARROWS
- PAVEMENT LIMIT
- STONE BAG HEADWALL PROTECTION
- STONE BAG INLET PROTECTION



LOCATION MAP
NO SCALE

EXISTING BILLTOWN FARMS SECTIONS 4B

MARVIN GELLHAUS
6408 GELLHAUS LANE
TAX BLOCK 52, LOT 165
D.B. 4312, PG. 544

PHYLLIS DEMPLEY
6400 GELLHAUS LANE
TAX BLOCK 52, LOT 41
D.B. 7559, PG. 36

EX. GELLHAUS LN. VAR. R/W

MATCHLINE (SEE SHEET 4)

C.B. STA. 6+07
GR. EL. 683.66
I.E. 680.70

C.B. STA. 4+07
GR. EL. 675.90
I.E. 672.94

RELOCATE EX. 16" WATERMAIN. CONTRACTOR TO CONTACT LOUISVILLE WATER COMPNAY BEFORE CONSTRUCTION BEGINS.

PROPOSED BRISTOL BLUFFS APARTMENTS

BM #950

EX. BENCHMARK

TIE PROPOSED SIDEWALK INTO EXISTING SIDEWALK

EXISTING DETENTION BASIN

EX. 15' SAN. SEWER & DRAIN. ESMT.
EX. 25' SAN. SEWER & DRAIN. ESMT.
EX. 15' GAS, ELEC, & TELECOM. ESM'T.
EX. 4' SIDEWALK
EX. 6' G
EX. 4" CPP I.E. 687.94
EX. 15" CMP (DO NOT DISTURB)
EX. 15" CMP (DO NOT DISTURB)
SAW CUT PAVEMENT TO MATCH EXISTING PAVEMENT GRADE. (SEE KEY CUT DETAIL ON SHEET 2)
SAW CUT PAVEMENT TO MATCH EXISTING PAVEMENT GRADE. (SEE KEY CUT DETAIL ON SHEET 2)
SAW CUT PAVEMENT TO MATCH EXISTING PAVEMENT GRADE. (SEE KEY CUT DETAIL ON SHEET 2)
EX. CONCRETE CURB (TO BE REMOVED)
EX. 15" RCP (TO BE REMOVED)
EX. CENTERLINE OF ROAD
EX. 12" RCP
EX. CONCRETE CURB
REMOVE EXISTING GRATE AND INSTALL CONCRETE LID, CONNECT INTO JUNCTION BOX.
CURB TAPER
EX. 16" WATERMAIN
EX. 5' SIDEWALK
EXISTING ENTRANCE TO BUS COMPOUND
EX. ROAD SIGN: "STOP" (TO BE RELOCATED)
EX. 30' LWC ESMT. D.B. 8082, PG. 332
EX. 50' PAVEMENT ACCESS ESMT. D.B. 8815, PG. 92
EX. 30' B/L
EX. 6' SIDEWALK
EX. 15 ELEC. & TELECOM. ESMT. D.B. 8883, PG. 187
PROPOSED EDGE OF PAVEMENT
EX. HEADWALL I.E. 685.93 (TO BE REMOVED)
EX. HEADWALL I.E. 683.75 (TO BE REMOVED)
EX. EDGE OF ASPHALT PAVEMENT
EX. CATCH BASIN GR. EL. 688.91 I.E. 686.50 (12" RCP) I.E. 686.25 (15" RCP)
EX. VAR. SAN. SEWER & DRAIN. ESM'T D.B. 8791, PG. 404
EX. CONCRETE DITCH
EX. HEADWALL EX 30" RCP I.E. 685.74
EX. ANTI-VORTEX I.E. 685.41
EX. CONCRETE DITCH
EX. "V" DITCH (TO BE REMOVED)
EX. RIP RAP CHANNEL (TO BE REMOVED)
EX. ROAD SIGN: "CURVE AHEAD" (TO BE RELOCATED)
EX. 5' SIDEWALK
EX. R/W
EX. 16" W
EX. 16" WATERMAIN
LINE "3"
EX. 18" CMP
EX. GRAVEL DRIVEWAY
EX. ROAD SIGN: "SPEED LIMIT" (DO NOT DISTURB)
EX. RIP RAP DITCH (TO BE REMOVED)
EX. FIRE HYDRANT (TO BE RELOCATED)
EX. WATER VALVES (TO BE RELOCATED)
EX. WATER MAIN (TO BE RELOCATED)
EX. DITCH
2' CURB & GUTTER
LINE "1-A"
5 200' 12" @ 3.88%
4 92' 12" @ 8.65%
PROPOSED R/W
5' SIDEWALK
15' B/L
15' B/L & LBA
PROPOSED EDGE OF PAVEMENT
HDCP. RAMPS (TYP.)
EX. DITCH

BENCHMARKS

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 1988 DATUM & WERE DERIVED FROM LOJIC BENCHMARKS BY MEANS OF GPS METHODS OR DIFFERENTIAL LEVELING.

SOURCE BENCHMARK AZI 049–2004 NAVD 1988 ELEV. 576.96

FROM THE INTERSECTION OF TAYLORSVILLE ROAD AND GENE SNYDER, TRAVEL SOUTHWEST 2.6 MILES ON GENE SNYDER. STATION IS 60.3' NORTH OF THE WESTBOUND LANE SHOULDER OF GENE SNYDER FREEWAY.

BM #905 NAVD 1988 ELEV. 701.33
SQUARE CUT ON THE CONCRETE BASE OF A LIGHT POLE LOCATED ±1318' FROM THE INTERSECTION OF GELLHAUS LANE AND BILLTOWN ROAD, ±30' FROM THE WESTERN MOST PROPERTY LINE AND 5.5' OFF THE EASTERN MOST EDGE OF ASPALT ACCESS TO JEFFERSON COUNTY BUS COMPOUND.

BM #950 NAVD 1988 ELEV. 684.98
MINE SPIKE IN A UTILITY POLE LOCATED ±1280' FROM THE INTERSECTION OF GELLHAUS LANE AND BILLTOWN ROAD, ±300' EAST OF THE INTERSECTION OF GELLHAUS LANE AND THE ENTRANCE TO JEFFERSON COUNTY BUS COMPOUND AND 42' SOUTH OF THE SOUTHERN EDGE OF GELLHAUS LANE.

BM #1295 NAVD 1988 ELEV. 682.29
MINE SPIKE IN A 24" CEDAR LOCATED ±2420' FROM THE INTERSECTION OF GELLHAUS LANE AND BILLTOWN ROAD AND ±520' SOUTH OF GELLHAUS LANE'S SOUTHERN EDGE OF PAVEMENT.

STORMWATER POLLUTION PREVENTION PLAN NOTE:

THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE IMPLEMENTED PRIOR TO ANY LAND– DISTURBING ACTIVITY ON THE CONSTRUCTION SITE. ANY MODIFICATIONS TO THE APPROVED SWPPP PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. SWPPP BMP'S (BEST MANAGEMENT PRACTICES) SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS.

DETENTION BASINS, IF APPLICABLE, SHALL BE CONSTRUCTED FIRST AND SHALL PERFORM AS SEDIMENT BASINS DURING CONSTRUCTION UNTIL THE CONTRIBUTING DRAINAGE AREAS ARE SEEDED AND STABILIZED.

ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY.

SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES, AND CATCH BASINS. STOCKPILES SHALL BE SEEDED, MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE.

ALL STREAM CROSSINGS MUST UTILIZE LOW–WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER–02.

SEDIMENT–LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH BASIN.

WHERE CONSTRUCTION OR LAND DISTURBING ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 DAYS AFTER THE ACTIVITY HAS CEASED.

FLOODPLAIN NOTE

A PORTION OF THE SUBJECT PROPERTY IS LOCATED IN ZONE AE, WHICH IS AN AREA DETERMINED TO BE INSIDE OF THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE FLOOD INSURANCE RATE MAP (FEMA) PANEL NO. 21111C0081–E AND 21111C0098–E. DATED DECEMBER 5, 2006.

UTILITY NOTE

ALL UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR SUBCONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER **KENTUCKY 811** (TOLL FREE PHONE NO. 1–800–752–6007 OR LOCAL NO. 502–266–5123) 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THIS NUMBER WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (I.E. CABLES, ELECTRIC WIRES, GAS, AND WATERLINES). WHEN CONTACTING THE **KENTUCKY 811** CALL CENTER, PLEASE STATE THAT THE WORK TO BE DONE IS FOR A PROPOSED MSD SEWER OR DRAINAGE FACILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS AND IN THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS.

ALL UTILITY RELOCATIONS & ADJUSTMENTS ARE THE RESPONSIBILITY OF THE DEVELOPER

GENERAL NOTE

(1) REGRADE OVER EX. 16" WATERMAIN BETWEEN CURB AND SIDEWALK AS SHOWN IN THE CROSS SECTIONS.

NOTE:
PLEASE SEE BRISTOL BLUFFS "CONSTRUCTION PLANS" FOR DETAILED DESIGN AND CALCULATIONS FOR STORM LINES "1–B", "2–2", & "3".

GRAPHIC SCALE 1"=20'
0 5 10 20 40

For Buried Line/Cable Locations ** Contact Two Business Days Before **
Kentucky 811
Know what's below. Call before you dig.
www.kentucky811.com

MSD SUB # 1206
DOCKET # 9–36–06 & # 10–28–06

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ENGINEER: PAT BRERLY

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Phone: (502) 485-1508 · Fax: (502) 485-1606 · EMail: mail@mindelscott.com

DEVELOPER
LDG MULTIFAMILY, LLC
1473 SOUTH 4TH STREET
LOUISVILLE, KY. 40208

OWNER
WGR DEVELOPMENT LLC.
624 W. MAIN STREET
LOUISVILLE, KY. 40202

ROAD WIDENING PLANS
BRISTOL BLUFFS
6203 GELLHAUS LANE
LOUISVILLE, KENTUCKY 40299
GRADING, SWPPP, ROADWAY & STORM LAYOUT;
STA. 0+00.00 TO STA. 5+50.00

Revisions	
09/25/08	REVISIONS PER MSD COMMENTS

Vertical Scale: N/A
Horizontal Scale: 1"=20'
Date: 2/14/08
Job Number: 2427

Sheet 3 of 16

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