



SITE DATA:

FORM DISTRICT	NEIGHBORHOOD
EXISTING ZONING	R-4
PROPOSED ZONING	R-4
EXISTING LAND USE	VACANT
PROPOSED LAND USE	SINGLE FAMILY RESIDENTIAL
GROSS LAND AREA	49,099± AC.
NET LAND AREA	43,232± AC.
BUILDABLE LOTS	134
NON-BUILDABLE LOTS	2
GROSS DENSITY	2.73 D.U./AC.
NET DENSITY	3.10 D.U./AC.
TOTAL OPEN SPACE PROVIDED	923,030± S.F. (43.2%)

TREE CANOPY DATA:

GROSS SITE AREA	2,138,369± S.F.
TREE CANOPY CATEGORY	CLASS C
EXISTING TREE CANOPY	1,745,120± S.F. (82%)
EXISTING TREE CANOPY TO BE PRESERVED	499,079± S.F. (23%)
TOTAL TREE CANOPY REQUIRED	320,755± S.F. (15%)

*TREE CANOPY DEPICTED ON PLAN PER MSD LOGIC MAPPING, AERIAL PHOTO OR FIELD SURVEY. TREE CANOPY CALCULATIONS BASED UPON TREE AREAS SHOWN.

DIMENSIONAL STANDARDS

FRONT/STREET SIDE YARDS	MIN. 30'
ADJACENT TO EXPRESSWAY	MIN. 50'
ADJACENT TO COLLECTOR	MIN. 45'
SIDE YARDS	MIN. 25'
REAR YARD	25'
MAXIMUM BUILDING HEIGHT	35'
MINIMUM LOT AREA	4,500 S.F.
LOTS <6,000 S.F. (MAX 25% OR 34 LOTS)	35 LOTS PROPOSED
LOTS ≥9,000 S.F. (MIN 20% OR 27 LOTS)	29 LOTS PROPOSED

MAXIMUM BALANCE TRANSFER LOT CALCULATION

MLP = MAXIMUM LOTS PERMITTED
 TA = TOTAL LAND AREA (49.09)
 SS = STEEP SLOPES AREA/SLOPES >20% (7.16 AC.)
 IA = INFRASTRUCTURE AREA (5.87 AC.)
 MLP = [(TA - SS - IA) 4.84] + SS X 4.84
 MLP = [(49.09 - 7.16 - 5.87) 4.84] + 7.16 X 4.84
 MLP = 192

NOTE: ONLY THE AREAS OF STEEP SLOPES PRESERVED WITHIN THE OPEN SPACE LOTS ARE USED FOR THE BALANCE TRANSFER CALCULATION.

- GENERAL NOTES:**
- DOMESTIC WATER SUPPLY: SUBJECT SITE CAN BE SERVED BY THE LOUISVILLE WATER COMPANY. THE NECESSARY WATER SYSTEM IMPROVEMENTS REQUIRED TO SERVICE THE DEVELOPMENT SHALL BE AT THE OWNER/DEVELOPER'S EXPENSE.
 - TREE PRESERVATION: A TREE PRESERVATION PLAN SHALL BE PROVIDED TO THE PLANNING COMMISSION'S STAFF LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES ON THE SITE.
 - PROTECTION OF TREES TO BE PRESERVED: CONSTRUCTION FENCING SHALL BE ERRECTED PRIOR TO ANY GRADING OR CONSTRUCTION ACTIVITIES—PREVENTING COMPACTION OF ROOT SYSTEMS OF TREES TO BE PRESERVED. THE FENCING SHALL ENCLOSE THE AREA BENEATH THE DRIP LINE OF THE TREE CANOPY AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IS COMPLETE. NO PARKING, MATERIAL STORAGE OR CONSTRUCTION ACTIVITIES SHALL BE PERMITTED WITHIN THE FENCED AREA.
 - A LANDSCAPE AND TREE CANOPY PLAN PER CHAPTER 10 OF THE LDC SHALL BE PROVIDED AS REQUIRED PRIOR TO ISSUING A BUILDING PERMIT.
 - THE DEVELOPMENT LIES IN THE ANCHORAGE MIDDLETOWN FIRE DISTRICT.
 - IF PROPOSED, SIGNATURE ENTRANCE WALLS SHALL BE SUBMITTED TO AND APPROVED BY THE PLANNING STAFF PRIOR TO CONSTRUCTION PLAN APPROVAL AND THEY SHALL MEET THE REQUIREMENTS OF CHAPTER 4.4.3 OF THE LDC.
 - ALL LUMINAIRES SHALL BE AIMED, DIRECTED OR FOCUSED SUCH AS TO NOT CAUSE DIRECT LIGHT FROM THE LUMINAIRE TO BE DIRECTED TOWARDS RESIDENTIAL USE OR PROJECTED OPEN SPACES (IE. CONSERVATION EASEMENTS, GREENWAYS OR PARKWAYS) ON ADJACENT OR NEARBY PARCELS, OR TO CREATE GLARE PERCEPTIBLE ON PUBLIC STREETS AND RIGHT-OF-WAYS PER CHAPTER 4.1.3 OF THE LDC.
 - MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE EMISSIONS REACHING EXISTING ROADS AND NEIGHBORHOODS.
 - EXISTING STRUCTURES AND EXISTING ENTRANCES SHALL BE REMOVED, EXCEPT AS NOTED ON THE PLAN.
 - IN ACCORDANCE WITH CHAPTER 4.9 OF THE LDC, A KARST SURVEY WAS PERFORMED BY TRAVIS BROWN ON 10/23/2018 AND A POTENTIAL SINKHOLE/KARST TOPOGRAPHY WAS FOUND AND CLOSED CONTOUR DEPRESSIONS. A REVIEW OF PUBLISHED GEOLOGIC INFORMATION FROM THE KY GEOLOGICAL SURVEY INDICATED LOW TO NO POTENTIAL FOR SINKHOLES ON THE SUBJECT PROPERTY.
 - A GEOTECHNICAL ENGINEER SHALL EVALUATE & DETERMINE APPROPRIATE METHOD FOR FILLING OF ANY SINKHOLES. THE APPROPRIATE DETAILS FOR REMEDIATION SHALL BE NOTED ON THE CONSTRUCTION PLANS.
 - PER THE LDC 4.7.5.8, A GEOTECHNICAL REPORT IS REQUIRED FOR DEVELOPMENT ON SLOPES >30% (AND FOR SLOPES >20-30% IF IDENTIFIED BY USDA NRCS). NO SLOPES >30% ARE EXPECTED TO BE IMPACTED WITH THIS DEVELOPMENT. A GEOTECHNICAL REPORT SHALL BE PROVIDED PRIOR TO CONSTRUCTION PLAN APPROVAL AS NEEDED.
 - A NOISE STUDY SHALL BE PROVIDED TO DETERMINE IF THE 250' INTERSTATE BUFFER IS REQUIRED. BUILDINGS SHALL BE ALLOWED TO BE LOCATED CLOSER THAN 250' AWAY FROM INTERSTATE 64 BASED ON THE FINDINGS OF THE STUDY.

- PUBLIC WORKS AND KTC NOTES:**
- NO LANDSCAPING AND COMMERCIAL SIGNS SHALL BE PERMITTED IN STATE AND METRO WORKS RIGHT-OF-WAY.
 - RIGHT-OF-WAY DEDICATION BY DEED OR MINOR PLAT MUST BE RECORDED PRIOR TO SITE CONSTRUCTION APPROVAL BY PUBLIC WORKS OR WITH ASSOCIATED RECORD PLAT AS REQUIRED BY METRO PUBLIC WORKS.
 - ALL ROADWAY AND ENTRANCE INTERSECTIONS SHALL MEET THE REQUIREMENTS FOR LANDING AREAS AS SET BY METRO PUBLIC WORKS.
 - VERGE AREA WITH PUBLIC RIGHT-OF-WAY TO BE PROVIDED PER METRO PUBLIC WORKS.
 - COMPATIBLE UTILITY LINES (ELECTRIC, PHONE, CABLE) SHALL BE PLACED IN A COMMON TRENCH UNLESS OTHERWISE REQUIRED BY APPROPRIATE AGENCIES.
 - STREET TREES SHALL BE PLANTED IN A MANNER THAT DOES NOT AFFECT PUBLIC SAFETY AND MAINTAINS PROPER SITE DISTANCE. FINAL LOCATION WILL BE DETERMINED DURING CONSTRUCTION APPROVAL PROCESS.
 - AN ENCROACHMENT PERMIT AND BOND MAY BE REQUIRED BY METRO PUBLIC WORKS FOR ROADWAY REPAIRS ON ALL SURROUNDING ACCESS ROADS TO THE SITE DUE TO DAMAGES CAUSED BY CONSTRUCTION TRAFFIC ACTIVITIES.
 - ALL STREET NAME SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS AND BE INSTALLED PRIOR TO CONSTRUCTION OF THE FIRST RESIDENCE OR BUILDING OCCUPANCY.
 - THE MINIMUM GRADE OF ALL STREETS SHALL BE ONE (1%) PERCENT AND A MAXIMUM GRADE OF TEN (10%) PERCENT.
 - THE DEVELOPER IS RESPONSIBLE FOR ANY UTILITY RELOCATION ON THE PROPERTY.
 - ALL CUL-DE-SACS AND ROADWAY PAVEMENT WIDTHS, RADII, SIDEWALK LOCATIONS AND OFFSETS SHALL BE IN ACCORDANCE WITH METRO PUBLIC WORKS STANDARDS AND APPROVED AT THE TIME OF CONSTRUCTION.
 - CURBS AND GUTTER SHALL BE PROVIDED ALONG ALL STREETS IN THE DEVELOPMENT. SIDEWALKS SHALL BE PROVIDED ALONG ALL STREETS WHERE REQUIRED BY THE DEVELOPMENT CODE.
 - TREES AND SHRUBBERY SHALL BE TRIMMED OR REMOVED TO PROVIDE SITE DISTANCE AS REQUIRED PER METRO PUBLIC WORKS STANDARDS.
 - A SPECIAL NOTE FOR DETECTABLE WARNING FOR SIDEWALK RAMPS PER KTC STANDARD DRAWING FOR SIDEWALKS AND PER KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
 - THE APPLICANT SHALL INSTALL SIGNS, APPROVED BY THE METRO PUBLIC WORKS DEPT. WHICH INDICATE THE FUTURE EXTENSION OF THE PUBLIC RIGHT-OF-WAY FOR COURT "C" SUCH SIGNS SHALL BE INSTALLED PRIOR TO RELEASE OF BONDS FOR THE INSTALLATION OF THE STREET INFRASTRUCTURE.
 - NO INCREASE OF RUNOFF ALLOWED TO DISCHARGE INTO STATE RIGHT-OF-WAY.

MSD NOTES:

- CONSTRUCTION PLANS & DOCUMENTS SHALL COMPLY WITH LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICTS' DESIGN MANUAL AND STANDARD SPECIFICATIONS.
- WASTEWATER: SANITARY SEWER WILL CONNECT TO THE FLOYDS FORK WASTEWATER TREATMENT PLANT BY LATERAL EXTENSION AGREEMENT, SUBJECT TO FEES. SANITARY SEWER CAPACITY TO BE PROVIDED BY METROPOLITAN SEWER DISTRICT.
- DRAINAGE/STORMWATER DETENTION: DETENTION TO BE PROVIDED ON SITE AS DEPICTED ON THE PLAN. POST-DEVELOPMENT PEAK FLOWS WILL NOT EXCEED PRE-DEVELOPED PEAK FLOWS FROM DEVELOPMENT FOR THE 2, 10, 25, AND 100 YEAR STORMS. DRAINAGE PATTERN (DEPICTED BY FLOW ARROWS) IS FOR THE CONCEPT PURPOSES ONLY. FINAL CONFIGURATION AND SIZE OF DRAINAGE PIPES AND CHANNELS SHALL BE DETERMINED DURING THE CONSTRUCTION PLAN DESIGN PROCESS. DRAINAGE FACILITIES SHALL CONFORM TO MSD REQUIREMENTS.
- EROSION AND SILT CONTROL: A SOIL AND SEDIMENTATION CONTROL PLAN SHALL BE DEVELOPED AND IMPLEMENTED IN ACCORDANCE WITH MSD AND THE USDA NATURAL RESOURCES CONSERVATION SERVICE RECOMMENDATIONS.
- NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A FLOOD HAZARD AREA PER FEMA'S FIRM MAPPING (2111100500E, 2111100606E).
- THE FINAL DESIGN OF THIS PROJECT MUST MEET ALL MS4 WATER QUALITY REGULATIONS ESTABLISHED BY MSD. SITE LAYOUT MAY CHANGE AT DESIGN PHASE DUE TO PROPER SIZING OF GREEN BEST MANAGEMENT PRACTICES.
- MSD DRAINAGE BOND REQUIRED PRIOR TO CONSTRUCTION PLAN APPROVAL.
- KYATE APPROVAL REQUIRED PRIOR TO MSD CONSTRUCTION PLAN APPROVAL.
- ALL NECESSARY RIGHTS FOR UTILITY PURPOSES SHALL BE RESERVED ON OPEN SPACE LOTS.

DETENTION CALCULATIONS

2.9/12 (0.50-0.23) (49.09) = 3.20 AC-FT
 VOLUME REQUIRED= 3.20 AC-FT

DETENTION BASIN	
#1. SURFACE AREA	15,444±S.F.
DEPTH	3.5± S.F.
VOLUME PROVIDED	1.2 AC-FT
#2. SURFACE AREA	27,406±S.F.
DEPTH	3.5± S.F.
VOLUME PROVIDED	2 AC-FT

APPROVED
 Louisville Metro Planning Commission

1. Louisville Metro Public Works
 date 02/28/19

2. Metropolitan Sewer District
 date 02/28/19

3. Louisville Metro Planning & Design Services
 date 2/28/19

4. Louisville Metro Planning Commission
 date 2/27/19

Checked if conditional approval
 See back of plan for conditions of approval
 Expiration date 2-2-21

BENCHMARK
 FROM THE INTERSECTION OF I-64 AND BECKLEY STATION ROAD, TRAVEL SOUTH ALONG BECKLEY STATION ROAD 1150 FEET TO THE INTERSECTION OF WIBLE HILL ROAD AND GILLIAND ROAD, TRAVEL SOUTHWEST ON GILLIAND ROAD APPROXIMATELY 150 TO THE STATION ON THE RIGHT SET 10.7 FEET FROM THE CENTERLINE. NGVD 29 ELEV. = 586.21

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 502-485-1506

DEVELOPER
 PERFECTION BUILDERS
 P.O. BOX 436494
 LOUISVILLE, KY 40253

OWNER
 BARBARA C. SORRELL
 119 KRAZ LANE
 MIDDLETOWN, KY 40243

PRELIMINARY PLAN
SOUTH ENGLISH STATION PROPERTY
 1200 SOUTH ENGLISH STATION ROAD
 LOUISVILLE, KY 40299
 TAX BLOCK 40, LOT 508
 DEED BOOK 10030, PAGE 331

Vertical Scale: N/A
 Horizontal Scale: 1"=100'
 Date: 10/15/2018
 Job Number: 2551
 Sheet 1 of 1

RECEIVED
 JAN 28 2019
 DESIGN SERVICES
 CASE # 18SUBDIV1024
 RELATED CASE # 9248
 MSD W.M. # 9676
 GRAPHIC SCALE 1"=100'
 PROFESSIONAL'S SEAL