



- NOTES**
- 1) WASTEWATER: SANITARY SEWER SERVICE WILL BE PROVIDED BY LE/PSC CONNECTION AND IS SUBJECT TO APPLICABLE FEES. SANITARY SEWER FLOW WILL BE TREATED AT THE HITE CREEK WATER QUALITY TREATMENT CENTER.
  - 2) DOMESTIC WATER SUPPLY: SUBJECT SITE TO BE SERVED BY PSC. THE NECESSARY WATER SYSTEM IMPROVEMENTS REQUIRED TO SERVE THE DEVELOPMENT SHALL BE AT THE OWNER / DEVELOPER'S EXPENSE.
  - 3) DRAINAGE: DRAINAGE PATTERN DEPICTED BY ARROWS (→) IS FOR CONCEPT PURPOSES ONLY. FINAL CONFIGURATION AND SIZE OF DRAINAGE PIPES, CHANNELS AND WATER QUALITY METHODS SHALL BE DETERMINED DURING THE CONSTRUCTION PLAN DESIGN PROCESS. DRAINAGE FACILITIES SHALL CONFORM TO MSD REQUIREMENTS. USE OF EX. DRAINAGE CONNECTIONS & STORM WATER REQUIREMENTS SHALL BE COORDINATED WITH MSD.
  - 4) THE DEVELOPMENT LIES IN THE ST. MATTHEWS FIRE DISTRICT.
  - 5) NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A FLOOD HAZARD AREA PER FEMA'S FIRM MAPPING, (2111C0030E REV. DECEMBER 5, 2006).
  - 6) ALL SITE LIGHTING SHALL BE SHIELDED AND DIRECTED DOWNWARD AND AWAY FROM ALL ADJACENT RESIDENTIAL AREAS.
  - 7) ALL DUMPSTER PADS, TRANSFORMERS, AC UNITS TO BE SCREENED IN COMPLIANCE WITH CHAPTER 10.
  - 8) PRIOR TO ANY CONSTRUCTION ACTIVITY, AN EPSC PLAN WILL BE SUBMITTED TO MSD FOR APPROVAL.
  - 9) MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT PARTICULATE MATTER FROM REACHING EXISTING ROADS AND NEIGHBORING PROPERTIES.
  - 10) ENCROACHMENT PERMIT AND BOND ARE REQUIRED BY MPW FOR ANY WORK WITHIN RIGHT-OF-WAY.
  - 11) ON-SITE DETENTION WILL BE PROVIDED. POST DEVELOPED PEAK FLOWS WILL BE LIMITED TO PRE DEVELOPED PEAK FLOWS FOR THE 2,10,25 AND 100-YEAR STORMS OR TO THE CAPACITY OF THE DOWNSPREAD SYSTEM, WHICHEVER IS MORE RESTRICTIVE. CAPACITY TO BE VERIFIED ALONG REAR OF 7908 VINE CREST AVE.
  - 12) MSD DRAINAGE BOND WILL BE REQUIRED.
  - 13) THE FINAL DESIGN OF THIS PROJECT MUST MEET ALL MS4 WATER QUALITY REGULATIONS ESTABLISHED BY MSD. SITE LAYOUT MAY CHANGE AS THE CONSTRUCTION DESIGN PHASE DUE TO PROPERTY SIZING OF GREEN BEST MANAGEMENT PRACTICES.
  - 14) PROPOSED BUILDING MUST CONNECT TO ITS OWN SANITARY SEWER PSC WITH A MINIMUM SIX INCH SANITARY SEWER.
  - 15) CONSTRUCTION PLANS AND DOCUMENTS SHALL COMPLY WITH LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT'S DESIGN MANUAL AND STANDARD SPECIFICATIONS AND OTHER LOCAL, STATE AND FEDERAL ORDINANCES.
  - 16) NO INCREASE IN VELOCITY AT THE POINT OF DISCHARGE AT THE PROPERTY LINE.
  - 17) LIGHTING SHALL BE COMPLIANT WITH LDC REQUIREMENTS.
  - 18) LOUISVILLE METRO ANIMAL SERVICES AND KENTUCKY STATE PLUMBING APPROVAL PRIOR TO MSD CONSTRUCTION PLAN APPROVAL TO ENSURE PROPER DISPOSAL OF PET WASTE.
  - 19) 15' WIDE MSD ACCESS TO PROPOSED BASIN SHALL BE PROVIDED.

**OWNER**  
GOLDEN RETRIEVER RESCUE & ADOPTION  
PO BOX 6132  
LOUISVILLE, KY 40206

**SITE DATA**  
7924 VINE CREST AVE  
LOUISVILLE, KY 40222  
D.B. 10752, PG. 0067  
TAX BLOCK, LOT &

**SETBACK DATA**

MIN. FRONT YARD	10'
STREET SIDE YARD	NA
SIDE YARD	30'
REAR YARD	30'
MAX. BUILDING HEIGHT	30'

**PARKING SUMMARY**

KENNELS	10,000 S.F.
OFFICE	1,500 S.F.
INDOOR DOG PARK	5,100 S.F.
EMPLOYEES	+10 TOTAL= 38 TOTAL
PET OWNERS	45 TOTAL

**MINIMUM PARKING REQUIRED**  
3 SPACES, PLUS 1 FOR EACH 2 EMPLOYEES ON MAXIMUM SHIFT, PLUS 1 SPACE FOR EACH 3 PET OWNERS AT MAXIMUM CAPACITY.

**MAXIMUM PARKING PERMITTED**  
5 SPACES, PLUS 1 FOR EACH 2 EMPLOYEES ON MAXIMUM SHIFT, PLUS 1 SPACE FOR EACH 3 PET OWNERS AT MAXIMUM CAPACITY.

**TOTAL PARKING PROVIDED** INCLUDING 2 ADA SPACES: **24 SPACES= 37 SPACES**

**EROSION CONTROL NOTES**

THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY LAND DISTURBING ACTIVITY ON THE CONSTRUCTION SITE. ANY MODIFICATIONS TO THE APPROVED SWPP PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. SWPPP BMP'S SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS.

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. SOIL STOCKPILES SHALL BE SEED, MULCHED, AND ADEQUATELY CONTAINED THROUGH USE OF SILT FENCE.

WHERE CONSTRUCTION OR LAND DISTURBANCE 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 CALENDAR DAYS AFTER THE ACTIVITY HAS CEASED.

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

**DETENTION CALCULATIONS**

$X = \Delta C / R \cdot 12$   
 $\Delta C = 0.42 - 0.22 = 0.20$   
 $A = 130,538 \text{ S.F. } (\pm 3.0 \text{ Ac.})$   
 $R = 2.8 \text{ INCHES}$   
 $X = (0.20)(130,538)(2.8) / 12 = 6,092 \text{ CU.FT.}$   
 REQUIRED X = 6,092 CU.FT.  
 BASIN AREA = 2,195 S.F.  
 TOTAL = 2,195 S.F. @ APPROX. 3 FT. DEPTH  
 = 6,585 CU.FT. > 6,092 CU.FT.

**IMPERVIOUS AREA**

PRE	11,330 S.F.	43,376 S.F.
POST	43,376 S.F.	47,369 S.F.

**TREE CANOPY CALCULATIONS**

GROSS SITE AREA	130,538 S.F.
AREA OF SITE WITH EX. TREE CANOPY	155,073 S.F.
CANOPY COVERAGE CLASS	CLASS C (80%)
TREE CANOPY REQUIRED	19,581 S.F. (15%)
TREE CANOPY PRESERVED	19,581 S.F. (15%)
TREE CANOPY PLANTED	0 S.F. (0%)
TOTAL TREE CANOPY PROVIDED	19,581 S.F. (15%)

**LANDSCAPE DATA**

PROPOSED V.L.A.	13,707 S.F.	17,317 S.F.
I.L.A. REQUIRED (7.5%)	1,028 S.F.	1,300 S.F.
I.L.A. PROVIDED	2,546 S.F.	3,596 S.F.



NOTE: ALL ENTRANCES, PARKING AND DRIVE LINES ARE ASPHALT, CONCRETE OR A HARD DURABLE SURFACE AS PERMITTED BY METRO PUBLIC WORKS.

**CASE# 19CUP1074 WM# 11967**

**HERITAGE ENGINEERING, LLC**  
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**MODIFIED CONDITIONAL USE PERMIT PLAN FOR GOLDEN RETRIEVER RESCUE & ADOPTION**  
 7924 VINE CREST AVE  
 LOUISVILLE, KY 40222

**UTILITY NOTE:**

ALL UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR SUBCONTRACTOR SHALL NOTIFY KENTUCKY 811 (PHONE NO. 811) FORTY EIGHT 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). THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS IN THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS.

**REVISION**

Revision	Date	Description	Detaild by	Chk'd by
2	5/16/19	Revised per agency comments	CGH	SWH
1	5/6/19	Revised per agency comments	CGH	SWH

**JOB NO:** 19023  
**HORIZ. SCALE:** 1"=20'  
**VERT. SCALE:** N/A  
**DESIGNED BY:** CGH  
**DETAILED BY:** CGH  
**CHECKED BY:** SWH  
**DATE:** MAY 01, 2019

**SHEET**  
**C05**

X:\AA-Projects-2019\19052 - GRAND & Pet. Station Construction Plans\Preliminary\ADDITIONAL PARKING - MODIFIED CUP\19023 - Modified CUP.dwg PLOT DATE: August 31, 2023 - 10:03am