BENCHMARK

BERSTEN TOP SECURITY MONUMENT SET 0.5' BELOW GROUND, TO REACH, TRAVEL 500' SOUTH ALONG CEDAR CREEK ROAD FROM THE INTERSECTION OF CEDAR CREEK ROAD AND MOUNT WASHINGTON ROAD TO THE INTERSECTION OF CEDAR CREEK ROAD AND THIXTON LANE AND CLARK ROAD; THENCE GO 160' SOUTH ALONG CLARK ROAD TO THE STATION ON THE LEFT.

ELEV. 621.75

ADJACENT PROPERTY OWNERS

TAX BLOCK & LOT	OWNER	DEED BOOK & PAGE	ADDRESS
86 x 37	JEFFERSON COUNTY	UNKNOWN X UNKNOWN	6711 R MT. WASHINGTON RD.
86 x 59	PULTE HOMES OF OHIO LLC	10289 X 531	6901 MT. WASHINGTON RD.
86 x 64	RUBEN MASTRAPA	9854 X 897	11000 CEDAR CREEK RD.
86 x 94	KENNETH & MARGARET MASON	5401 X 687	11102 CEDAR CREEK RD.
86 x 75	STAN & HELANIE FOREMAN TRUST	9029 X 236	11106 CEDAR CREEK RD.
86 x 78	STAN & HELANIE FOREMAN TRUST	9029 X 236	11108 CEDAR CREEK RD.
86 x 90	VIRGINIA BROWN	6341 X 681	11010 CEDAR CREEK RD.
86 x 91	STACY GIROLEY	10332 X 75	7205 MT. WASHINGTON RD.
86 x 92	PATRICK JONES	9099 X 142	7203 MT. WASHINGTON RD.
86 x 93	ANDREW LAWRENCE	6949 X 932	7201 MT. WASHINGTON RD.
86 x 94	MARY LYNN WAYNE	6349 X 605	7209 MT. WASHINGTON RD.
86 x 95	KENNETH & MARCIA SCOGGINS	4756 X 85	7207 MT. WASHINGTON RD.
86 x 118	JEFFREY PICKETT	8349 X 29	7109 MT. WASHINGTON RD.
86 x 130	WANDA SUSAN EMBERSON	4234 X 506	7211 MT. WASHINGTON RD.
86 x 145	CHRISTOPHER THOMPSON	9508 X 356	11012 CEDAR CREEK RD.
86 x 179	ATLAS METAL INVESTMENT CORP.	8211 X 719	7507 MT. WASHINGTON RD.
86 x 180	ANDREW & PATSY KEITH	5054 X 612	7509 MT. WASHINGTON RD.
86 x 186	CHARLES HARPER	7431 X 40	11000 CEDAR CREEK RD.
86 x 187	DENISE KENNEDY	8203 X 759	10904 CEDAR CREEK RD.
86 x 188	GARDENER & ALICE GENTRY	5958 X 975	10910 CEDAR CREEK RD.
86 x 189	JEFFREY & BELINDA MCPHERSON	9545 X 345	10916 CEDAR CREEK RD.
86 x 192	SHARON DOMINO REV. LIVING TR.	6017 X 14	11000 CEDAR CREEK RD.
86 x 205	JEFFERSON COUNTY KY	5004 X 824	6721 MT. WASHINGTON RD.
86 x 7002	JOSE GARCIA & ALFARO SANCHEZ	10342 X 486	12100 SENTIMENTAL LN.
91 x 80	JOSE GARCIA & ALFARO SANCHEZ	10342 X 488	7000 MT. WASHINGTON RD.
91 x 87	THEODORE SENNINGER	10231 X 365	7100 MT. WASHINGTON RD.
92 x 17	TYLER HIGGS	9631 X 170	10903 CEDAR CREEK RD.
86 x 218	DM RUSSELL PROPERTIES, LLC.	UNKNOWN X UNKNOWN	7301 MT. WASHINGTON RD.
86 x 219	JEFFERSON COUNTY KY	5004 X 824	6721 R MT. WASHINGTON RD.
86 x 7004			

GENERAL NOTES:

1. 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.
2. 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.
3. PROTECTION OF TREES TO BE PRESERVED:
   CONSTRUCTION FENCING SHALL BE ERECTED PRIOR TO ANY GRADING OR CONSTRUCTION ACTIVITIES TO BE PRESERVED. THE FENCING SHALL ENCLOSE THE AREA BENEATH THE DRIP LINE OF THE TREE CANOPY AND SHALL REMAIN IN PLACE UNTIL ALL GRADING, CONSTRUCTION AND LANDSCAPING ACTIVITIES ARE COMPLETED. PARKING, MATERIAL STORAGE OR CONSTRUCTION ACTIVITIES SHALL BE PERMITTED WITHIN THE FENCED AREA.
4. THE DEVELOPMENT LIES IN THE HIGHVIEW FIRE DISTRICT.
5. SIDEWALKS - A SIDEWALK PLAN 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 AND B, RESPECTIVELY, OF THE LDC.
6. ALL LUMINARES SHALL BE AIMED, DIRECTED, OR FOCUSED SUCH AS TO NOT CAUSE DIRECT LIGHT FROM THE LUMINARE TO BE DIRECTED TOWARDS RESIDENTIAL USES OR PROTECTED OPEN SPACES (i.e. CONSERVATION EASEMENTS, GREENWAYS, OR PARKWAYS) ON ADJACENT OR NEARBY PARCEL'S, OR TO CREATE GLARE PERCEPTIBLE ON PUBLIC STREETS AND RIGHT OF WAYS PER CHAPTER 4.1.3 OF THE LDC.
7. ALL DUMPSTER PADS, TRANSFORMERS, AC UNITS, GENERATOR PADS TO BE SCREENED PER CHAPTER 10 OF THE LDC.
8. ALL RADII TO BE 4.5' UNLESS OTHERWISE INDICATED.
9. BUILDING ARCHITECTURE TO COMPLY WITH CHAPTER 5.6 OF THE LDC.
10. ALL INTERIOR SIDEWALKS THAT ABUT PARKING TO BE 5' WIDE MINIMUM.
11. A LANDSCAPE AND TREE CANOPY PLAN PER CHAPTER 10 OF THE LDC SHALL BE PROVIDED PRIOR TO CONSTRUCTION PLAN APPROVAL.
12. ALL EXISTING STRUCTURES AND DRIVEWAYS ON SITE TO BE REMOVED.
13. MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE EMISSIONS REACHING EXISTING ROADS AND NEIGHBORHOODS.
14. IN ACCORDANCE WITH 4.9 OF THE LDC, A KARST SURVEY OF THE SITE WAS PERFORMED BY MARK SITES, P.E., ON JUNE 16, 2011. NO KARST FEATURES WERE OBSERVED.
15. THE DEVELOPER SHALL CONSTRUCT A PATH FOR ACCESS TO McNEELY LAKE PARK. THE FINAL LOCATION AND MATERIALS SHALL BE COORDINATED WITH METRO PARKS DEPT.

MSD NOTES:

1. WASTEWATER:
   SANITARY SEWER WILL CONNECT TO THE DEREK GUTHRIE WOTC BY LATERAL EXTENSION AGREEMENT, SUBJECT TO FEES. SANITARY SEWER CAPACITY TO BE APPROVED BY METROPOLITAN SEWER DISTRICT.
2. DRAINAGE / STORM WATER 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 CONCEPT PURPOSES ONLY. FINAL CONSTRUCTION PLAN DESIGN PROCESS. DRAINAGE FACILITIES SHALL CONFORM TO MSD REQUIREMENTS.
3. EROSION & SEDIMENT CONTROL:
   EROSION CONTROL PLAN SHALL BE DEVELOPED AND IMPLEMENTED IN ACCORDANCE WITH MSD AND THE USDA NATURAL RESOURCES CONSERVATION SERVICE RECOMMENDATIONS. DOCUMENTATION OF MSD'S APPROVAL OF THE PLAN SHALL BE SUBMITTED TO THE PLANNING COMMISSION PRIOR TO GRADING AND CONSTRUCTION ACTIVITIES.
4. A PORTION OF THE SUBJECT PROPERTY LIES WITHIN A FLOOD HAZARD AREA PER FEMA'S FIRM MAPPING, (21111C0128E).
5. C.O.E. WETLAND DELINEATION REQUIRED PRIOR TO MSD CONSTRUCTION PLAN APPROVAL.
6. K.D.O.W. APPROVAL REQUIRED PRIOR TO MSD CONSTRUCTION PLAN APPROVAL.
7. THE FINAL DESIGN OF THIS PROJECT MUST MEET ALL MS4 WATER QUALITY REGULATIONS ESTABLISHED BY MSD. SITE LAYOUT MAY CHANGE AT THE DESIGN PHASE DUE TO PROPER SIZING OF GREEN BEST MANAGEMENT PRACTICES.
8. ALL NECESSARY RIGHTS FOR STORM & SANITARY SEWER PURPOSES SHALL BE RETAINED ON ALL OPEN SPACE LOTS & RECORDED ON THE RECORD PLAT.

MAXIMUM LOT CALCULATION

MLP – MAXIMUM LOTS PERMITTED
TA – TOTAL LAND AREA
PCA – PRIMARY CONSERVATION AREA
IA – INFRASTRUCTURE AREA

MLP = IA – PCA – IA
ZONING DISTRICT
MINIMUM LOT AREA
MLP = 3,242,572 – 2,059,087 – 487,435
9,000 S.F.
MLP = 282

SIDEWALK WAIVER

1. A WAIVER OF 5.8.1.B. & 6.2.6 OF THE LDC IS REQUESTED TO OMIT THE SIDEWALK ALONG THE SITES SENTIMENTAL LANE FRONTAGE ADJACENT TO LOTS 201, 253 & 260.

PUBLIC WORKS AND KTC NOTES:

1. NO LANDSCAPING AND COMMERCIAL SIGNS SHALL BE PERMITTED IN STATE AND METRO WORKS R/W.
2. RIGHT-OF-WAY DEDICATION BY DEED OR MINOR PLAT MUST BE RECORDED PRIOR TO CONSTRUCTION APPROVAL BY PUBLIC WORKS OR WITH ASSOCIATED RECORD PLAT AS REQUIRED BY METRO PUBLIC WORKS.
3. ALL ROADWAY AND ENTRANCE INTERSECTIONS SHALL MEET THE REQUIREMENTS FOR LANDING AREAS AS SET BY METRO PUBLIC WORKS.
4. VERGE AREAS WITH PUBLIC RIGHT-OF-WAY TO BE PROVIDED PER METRO PUBLIC WORKS.
5. COMPATIBLE UTILITY LINES (ELECTRIC, PHONE, CABLE) SHALL BE PLACED IN A COMMON TRENCH UNLESS OTHERWISE REQUIRED BY APPROPRIATE AGENCIES.
6. STREET TREES SHALL BE PLANTED IN A MANNER, THAT DOES NOT AFFECT PUBLIC WORKS FOR ROADWAY PROPER SITE DISTANCE. FINAL LOCATION WILL BE DETERMINED DURING CONSTRUCTION APPROVAL.
7. AN ENCROACHMENT PERMIT AND BOND MAY BE REQUIRED BY METRO PUBLIC WORKS AND MUST BE OBTAINED PRIOR TO CONSTRUCTION ACTIVITIES WITHIN ACCESS ROADS TO THE SITE DUE TO DAMAGES CAUSED BY CONSTRUCTION TRAFFIC ACTIVITIES.
8. ALL STREET NAME SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS AND SHALL BE INSTALLED PRIOR TO REQUESTING A FIRST RESIDENCE OR BUILDING ON THE STREET AND SHALL BE IN PLACE PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY.
9. THE MINIMUM GRADE OF ALL STREETS SHALL BE 1% AND A MAXIMUM GRADE OF 10% ON THE PROPERTY.
10. THE DEVELOPER IS RESPONSIBLE FOR ANY UTILITY RELOCATION ON THE PROPERTY.
11. ALL CUL-DE-SACS AND BUBBLE PAVEMENT WIDTHS, RADII, SIDEWALK LOCATIONS AND OFFSETS SHALL BE IN ACCORDANCE WITH METRO PUBLIC WORKS STANDARDS AND APPROVED AT THE TIME OF CONSTRUCTION.
12. 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.
13. ALL SIDEWALK RAMPS SHALL CONFORM TO A.D.A STANDARD SPECIFICATIONS FOR SIDEWALK RAMPS" PER KTC STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION." LATEST EDITION. DETECTABLE WARNINGS FOR SIDEWALK RAMPS" PER KTC STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION." LATEST EDITION.
14. NO INCREASE OF RUNOFF ALLOWED TO DISCHARGE INTO STATE R/W.
15. STORM DRAINAGE MODIFICATIONS REQUIRED FOR CLOSING EXISTING MEDIAN. REQUIRED.
16. A TRAFFIC STUDY WAS PROVIDED WITH THE PREMOUSLY APPROVED SUBDIVISION #10-16-04 & 9872). IT INDICATES THAT MT. WASHINGTON ROAD IS SUFFICIENT TO SERVE THIS DEVELOPMENT.
17. THE SOUTH END OF SENTIMENTAL LANE BEGINNING AT MT. WASHINGTON RD WILL BE IMPROVED AND HAVE R/W ADDED. THE IMPROVED PORTION OF SENTIMENTAL LANE WILL BE RECONFIGURED TO TURN INTO THIS SITE AS STREET "A". EXISTING PAVEMENT WILL REMAIN IN THE MIDDLE SECTION OF SENTIMENTAL LANE, IMPROVED TO "T" INTO ST. "A" AND PAVEMENT REMOVED SO IT WILL NOT CONNECT TO CT. "C". SENTIMENTAL LANE WILL CONTINUE TO SERVE THE 2 EXISTING ADJACENT LOTS 145 AND 205 THAT FRONT ON ITS WEST SIDE. RIGHT-OF-WAY WILL BE ADDED AT THE TERMINUS OF THE NORTH SECTION OF SENTIMENTAL LANE WHERE IT WILL BE IMPROVED. COURT "C".
18. LOTS 201 AND 253 SHALL ONLY HAVE 1 DRIVEWAY FROM THE ROAD FRONTAGE SERVING EACH LOT.

EROSION PREVENTION AND SEDIMENT CONTROL NOTE:

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 EPSC PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. EPSC BMP'S (BEST MANAGEMENT PRACTICES) SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS.

DETENTION BASINS, IF APPLICABLE, SHALL BE CONSTRUCTED FIRST AND SHALL BE FUNCTIONAL PRIOR TO 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, AFTER THE ACTIVITY HAS CEASED, EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 DAYS

DETENTION CALCULATIONS

DETENTION VOLUME REQUIRED = (0.56–0.30) 12 (74.3) = 4.84 AC. FT.
DETENTION WILL BE PROVIDED IN PONDS 1 & 2 WITH A 1.2' DEPTH

SITE DATA

FORM DISTRICT	NEIGHBORHOOD
EXISTING ZONING	R-4
EXISTING LAND USE	VACANT
PROPOSED LAND USE	SINGLE FAMILY RESIDENTIAL
GROSS LAND AREA	74.443± AC. (3,242,572± SF.)
NET LAND AREA	63.124± AC. (2,755,137± SF.)
BUILDABLE LOTS	254
NON-BUILDABLE LOTS	6
GROSS DENSITY	3.41± DU/AC.
NET DENSITY	3.99± DU/AC.
TOTAL OPEN SPACE	22.94± A.C. (999,421 SF.) (30.8%)

DIMENSIONAL STANDARDS

MINIMUM AVERAGE LOT SIZE	5,500 S.F.
AVERAGE BUILDABLE LOT SIZE	6,912 S.F.
FLOOR AREA RATIO MAX:	
LOTS >6,000 S.F.	0.5
LOTS <6,000 S.F.	1.5
CONSERVATION SPACE REQUIRED	22.33± A.C. (972,771 SF.) (30%)
CONSERVATION SPACE PROVIDED	22.50± A.C. (990,431 SF.) (30.5%)
PRIMARY CONSERVATION AREA	4.93± A.C. (214,987± SF.)
SECONDARY CONSERVATION AREA (N.I.C. AREAS LESS THAN 30' IN WIDTH OR <5,000 S.F.)	17.78± A.C. (775,444 SF.)
FRONT/STREET SIDE YARDS	15'–25'
SIDE YARDS	3'
REAR YARD	25'
MAXIMUM BUILDING HEIGHT	35'
MINIMUM LOT WIDTH	25', 40' IF CORNER LOT

TREE CANOPY DATA

GROSS SITE AREA	3,242,572± S.F.
TREE CANOPY CATEGORY	CLASS C
EXISTING TREE CANOPY	1,064,594 S.F. (33%)
TREE CANOPY PRESERVED	156,243 S.F. (5%)
TREE CANOPY TO BE PLANTED	459,846 S.F. (14%)
TREE CANOPY REQUIRED	616,089 S.F. (19%)

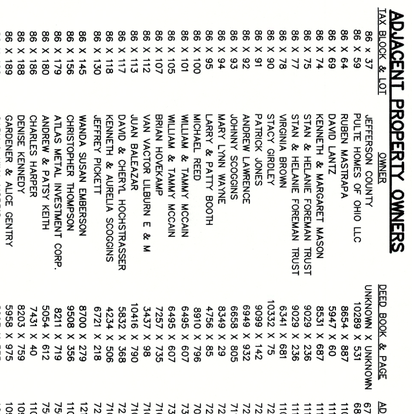
*TREE CANOPY CALCULATIONS PROVIDED AND REQUIRED WERE BASED ON NEW REGULATIONS. FINAL CALCULATION SHALL BE PROVIDED DURING THE CONSTRUCTION PLAN PROCESS.

LEGEND

- EXISTING CONTOUR
- EXISTING TREE LINE
- EXISTING STREAM
- EXISTING FENCE
- EXISTING LOT NUMBER
- PROPOSED LOT NUMBER
- PROPOSED STORM (CONCEPT)
- PROPOSED SANITARY (CONCEPT)
- PROPOSED SILT FENCE
- PROPOSED FLOW ARROW
- TREE CANOPY PRESERVATION AREA
- STEEP SLOPES 20–30%
- STEEP SLOPES >30% (PCA IF >5,000 S.F.)
- GLADE CRESS GRASS (PRESERVED/PCA)
- GLADE CRESS GRASS (RELOCATED)
- FEMA FLOODPLAIN (PCA)
- EXISTING POND (ALL <3.0 AC.)
- EXISTING WETLANDS (ALL <0.1 AC.)
- PROPOSED CONCEPTUAL PATHWAY

RECEIVED
OCT 26 2015
PLANNING & DESIGN SERVICES

LOCATION MAP
NO SCALE



GRAPHIC SCALE 1"=100'
0 50 100 200

CASE # 15SUBDIV1011
MSD SUBD # 1131

Revisions	
10/26/15	PER AGENCY COMMENTS & CLIENT REVIEW

Vertical Scale: NA
Horizontal Scale: 1"=100'
Date: 7/13/15
Job Number: 2275
Sheet 1 of 1

CONSERVATION SUBDIVISION PLAN
PARKSIDE AT MT. WASHINGTON
11100, 11103, 11105, & 11107 SENTIMENTAL LN., 7101 MT. WASHINGTON RD.
11002 & 11002R CEDAR CREEK RD., LOUISVILLE, KY 40229
TAX BLOCK 86 LOTS 106, 140, 160, 199, 200, 201 & 204;
DB 9964 PG 531, DB 10388 PG 856 & DB 10262 PG 924

OWNER/DEVELOPER
BALL HOMES, LLC
13301 MAGISTERIAL DR.
LOUISVILLE, KY 40223
(502) 429–6898

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15SUBDIV1011 / 15 Waiver 1034