

RECEIVED

APR 17 2018
PLANNING &
DESIGN SERVICES

CITY OF LOUISVILLE, KENTUCKY
D.B. 8033, PG. 370
C1/CFD

CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING UNDERGROUND UTILITIES WITHIN THE WORK AREA PRIOR TO CONSTRUCTION.

TREE CANOPY REQUIREMENTS/CALCULATIONS
SITE AREA: 1.16 ACRES (50,529.6 SF)
TREE CANOPY CLASS 'C' (0%-40% COVERED IN EXISTING TREE CANOPY)
LDC TABLE 10.1.1 - 18% PRESERVED TREE CANOPY = 0% NEW TREE CANOPY
1/2 TREE CANOPY (9%) REQUIRED PER LDC 10.1.2.B.2
(50,529.6)(0.09) = 4,548 SF OF TREE CANOPY REQUIRED
TOTAL PRESERVED TREE CANOPY = 4,738 SF

PRESERVED TREE CANOPY INVENTORY	
① 1-12" CALIPER HICKORY @ 1,200 SF OF CREDIT EACH = 1,200 SF	
② 2-10" CALIPER MAGNOLIA @ 720 SF OF CREDIT EACH = 1,440 SF	
③ 2-3" CALIPER DOGWOOD @ 142 SF OF CREDIT EACH = 284 SF	
④ 7-3" CALIPER DOGWOOD @ 178 SF OF CREDIT EACH = 1,246 SF (STREET TREE)	
⑤ 4-10" HT. SERVICE BERRY @ 142 SF OF CREDIT EACH = 568 SF	
TOTAL TREE CANOPY PRESERVED = 4,738 SF	

AREA OF DISTURBANCE = 0.318 ACRES

EXISTING IMPERVIOUS AREA	41,095 SQ.FT.
INCREASE IMPERVIOUS AREA	1,889 SQ.FT.
TOTAL IMPERVIOUS AREA	42,984 SQ.FT.
4.6% INCREASE	

RECAPITULATION

	C2 CAMPUS	
1. ZONING	1.16 ACRES	MUSEUM
2. FORM DISTRICT	1.16 ACRES	MUSEUM
3. AREA	15,772 SQ.FT.	25% INCREASE
4. EXISTING USE	77,822 SQ.FT.	
5. BUILDING DATA - MUSEUM	25,267 SQ.FT.	32% INCREASE
EXISTING GROSS	33,459 SQ.FT.	
PROPOSED GROSS	772 SQ. FT.	
TOTAL	1.54 (GROSS)	
6. FAR		
7. PARKING	THE EXISTING PARKING LEASE AGREEMENT BETWEEN THE KENTUCKY DERBY MUSEUM AND CHURCHILL DOWNS/LOUISVILLE METRO GOVERNMENT FOR 228 PARKING SPACES SHALL BE MODIFIED TO MEET THE MINIMUM REQUIREMENTS FOR THE PROPOSED MUSEUM EXPANSION, A TOTAL OF 260 PARKING SPACES. SAID AGREEMENT SHALL BE TO THE SATISFACTION OF PLANNING COMMISSION'S LEGAL COUNSEL.	
8. BICYCLE PARKING	4 SHORT-TERM SPACES PROVIDED	

GENERAL NOTES

- INCREASE/EGRESS FOR PEDESTRIANS, VEHICLES, AND PARKING PROVIDED UPON ADJACENT CHURCHILL DOWNS FACILITIES.
- A VARIANCE HAS BEEN REQUESTED FOR THE ENCRoACHMENT OF THE PROPOSED BUILDINGS IN TO THE REQUIRED 20' SIDE/REAR SETBACK WITHIN A CAMPUS FORM DISTRICT.
- A LANDSCAPE WAIVER HAS BEEN REQUESTED TO ELIMINATE THE REQUIRED 35' LANDSCAPE BUFFER AREA FOR C-2 ZONING ADJACENT TO R-6 ZONING.

UTILITY NOTES

- THE EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE EXISTING UTILITIES ARE SHOWN PER REFERENCE SURVEY SHEET R11 BY H.E. RUDY CONSULTING ENGINEERS & LUCKETT/FARLEY ARCHITECTS DATED 5/7/99 PROVIDED BY SITE ARCHITECT HUBBUCH & CO. ARCHITECTURE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF ALL EXISTING SITE UTILITIES PRIOR TO CONSTRUCTION.
- THE EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT "BUD" @ 1-800-752-6007 FOR LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATION BEGINS.
- THE CONTRACTOR SHALL LOCATE EXISTING ACTIVE UTILITIES IN THE WORK AREA AND PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING EXCAVATION.
- CONTRACTOR SHALL COORDINATE ANY DISRUPTION OF ACTIVE UTILITY SERVICE WITH THE OWNER, CONSTRUCTION MANAGER AND UTILITY COMPANY.
- CONTRACTOR SHALL COORDINATE WITH ELECTRIC CO. FOR TEMPORARY AND PERMANENT SERVICE REQUIREMENTS.
- CONTRACTOR SHALL UNCOVER ALL TIE-IN POINTS AND CROSSINGS PRIOR TO BEGINNING SITE CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO CONTACT THE UTILITY COMPANIES AND ENSURE THAT EXISTING UTILITIES HAVE BEEN INACTIVATED.
- THE CONTRACTOR SHALL MAKE EVERY EFFORT TO LOCATE EXISTING INACTIVE ON-SITE UTILITIES THAT REQUIRE REMOVAL IN THIS BID PACKAGE.
- COORDINATE WITH ARCHITECT FOR ANY NEEDED ADDITIONAL REMOVAL OF EXISTING SITE ITEMS.

SITE NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF SOIL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD TO PREVENT EROSION OF SOIL AND ENTRY OF SOIL-BEARING WATER ON TO ADJACENT PROPERTIES AND INTO THE PUBLIC STORMWATER FACILITIES.
- ADJUSTMENTS AND/OR ADDITIONS TO THE PLACEMENT OF EROSION CONTROL MEASURES MAY BE NECESSARY IN THE FIELD. THIS SHALL BE DONE BY THE CONTRACTOR AT THE DIRECTION OF THE OWNER OR THE CONSTRUCTION MANAGER.
- EXCAVATION AND DISPOSAL OF MATERIAL, SHALL BE DONE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, CODES AND ENVIRONMENTAL REGULATIONS.
- ALL DISTURBED AREAS OUTSIDE OF PAVEMENT TO BE REGRADED FOR POSITIVE DRAINAGE.
- COORDINATE WITH MECHANICAL CONTRACTOR ON EXISTING & PROPOSED UTILITIES WITH NEW BUILDING/EQUIPMENT CONSTRUCTION AREA.

OWNER

KENTUCKY DERBY MUSEUM CORPORATION
704 CENTRAL AVENUE
LOUISVILLE, KY. 40208
D.B. 7847, PG. 764
TAX BLOCK 51G, LOT 5

RELATED CASES: #09-006-00 & #09-042-83 WM# 6700

EVANS/GRIFFIN, INC.
Engineer & Land Surveyor
4010 Dupont Circle
SUITE 478
Louisville, Kentucky 40207
egenr@bellsouth.net
(502) 899-9611

HUBBUCH ARCHITECTURE CO.
324 WEST MAIN STREET
LOUISVILLE, KENTUCKY 40202
Ph. 502.583.2713 Fax 502.582.7375
Website www.hubbuch.com

DRAWN BY: KAL
CHECKED BY: JLG
DATE: 12/26/17
REVISIONS:
4/3/18 AGENCY COMMENTS
4/12/18 AGENCY COMMENTS

KENTUCKY DERBY MUSEUM
ADDITION + RENOVATION

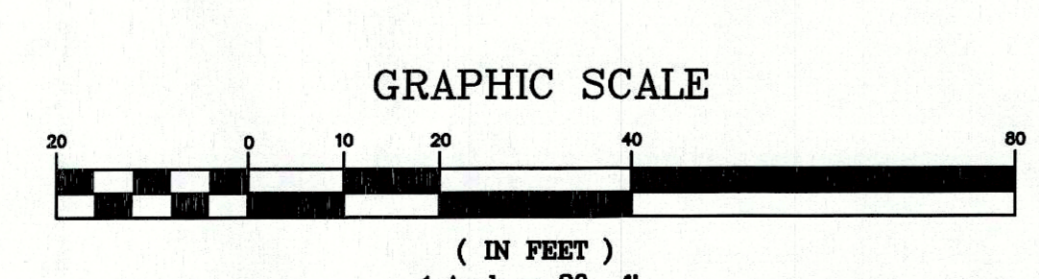
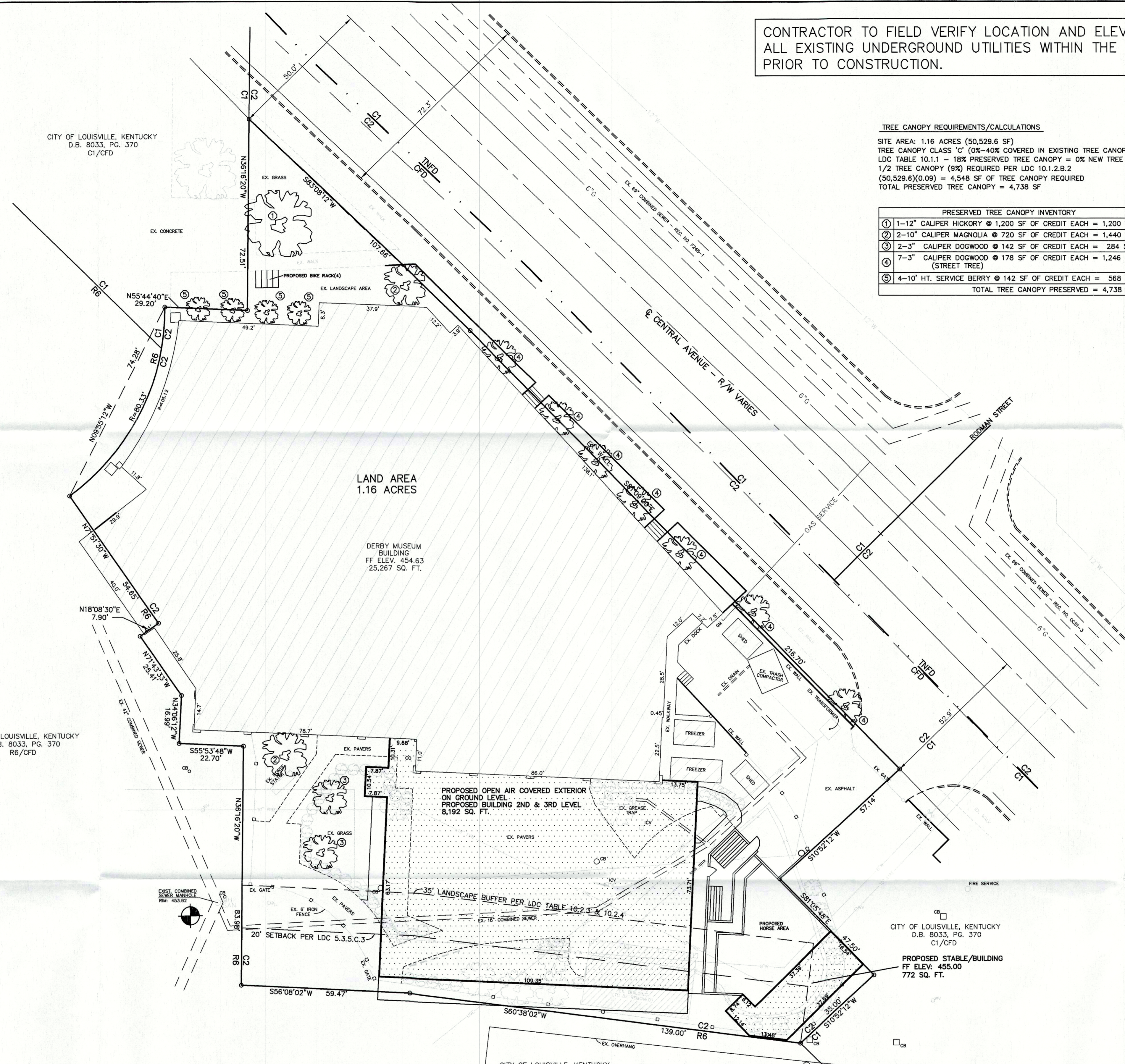
JOB NO. 2017-39

1706-CIVIL-RDDDP2.DWG

REVISED DETAILED DISTRICT DEVELOPMENT PLAN

C1.3

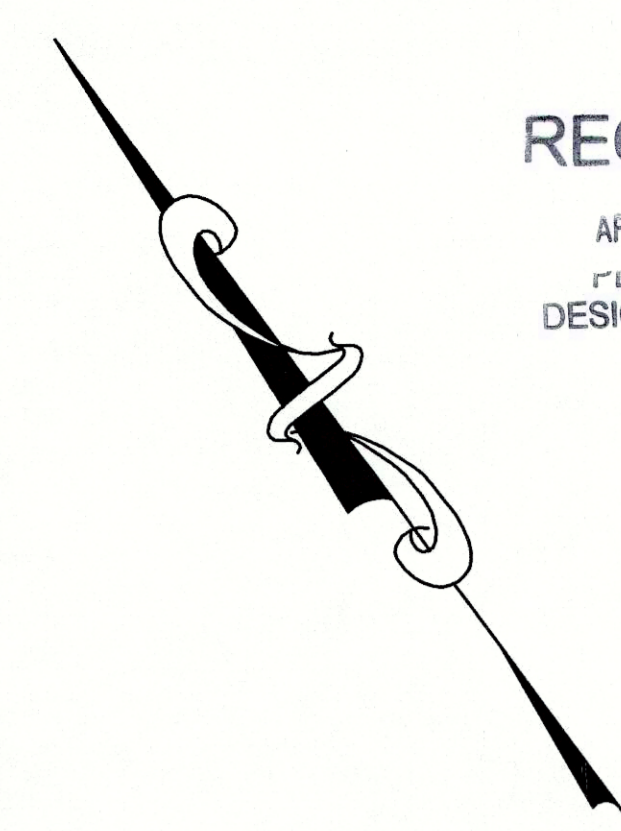
CASE # 18DEVPLANT035 & 18VARIANCE1037



1 REVISED DETAILED DISTRICT DEVELOPMENT PLAN

C1.3 SCALE: 1" = 20'-0"

1706-CIVIL-RDDDP2.DWG



UTILITY NOTE
ALL UTILITIES ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR SUB-CONTRACTOR SHALL NOTIFY THE KENTUCKY UNDERGROUND UTILITY PROTECTION, INC. (PHONE: 1-800-752-6007) 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THIS NUMBER WAS ESTABLISHED TO PROVIDED ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (i.e. cables, electrical wires, gas, and water lines). THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS IN THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS.

SAFETY NOTE
The Contractor shall comply with the U.S. Dept of Labor Safety and Health regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (P.L. 91-596) and under Section 107 of the Contract Work Hours and Safety Standards Act (P.L. 91-54). During all phases of this project (including excavations or trenching) the Contractor shall be responsible for safety at all times.

EROSION PREVENTION AND SEDIMENT 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 EPSC PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. EPSC BMP'S 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 ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE. ALL STREAM CROSSINGS MUST UTILIZE LOW-WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER-02. 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 GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGE INTO A STREAM, POND, SWALE OR CATCH BASIN.

LEGEND

MM	==	GAS METER
SAN	==	EXISTING SEWER LINE AND MANHOLE
W	==	EXISTING WATER VALVE
G	==	EXISTING GAS VALVE
U	==	EXISTING GUY WIRE
CP	==	EXISTING GUY POLE
DC.B.	==	EXISTING CATCH BASIN
H	==	FIRE HYDRANT
G	==	GAS METER
W	==	WATER METER
S	==	SERVICE POLE
L	==	EXISTING LIGHT POLE
P	==	EXISTING POWER POLE
C	==	EXISTING CONTOUR LINE
8"	==	EXISTING GAS LINE WITH PIPE SIZE
8"	==	EXISTING WATER LINE WITH PIPE SIZE
UGE	==	EXISTING UNDERGROUND ELECTRIC

MSD NOTES
1. CONSTRUCTION PLANS AND DOCUMENTS SHALL COMPLY WITH LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT'S DESIGN MANUAL AND STANDARD SPECIFICATIONS.
2. SANITARY SEWER SERVICE WILL BE PROVIDED BY EXISTING CONNECTION.
3. NO PORTION OF THIS SITE IS LOCATED WITHIN THE 100 YEAR FLOOD PLAIN PER FIRM MAP NO. 21111C0057E DATED DECEMBER 5, 2006.
4. A DOWNSSTREAM CAPACITY FACILITY REQUEST APPROVED BY MSD ON 3/19/18 (LE1053438).
5. WASTEWATER TREATED AT MORRIS FORMAN WWTP.
6. MSD CONSTRUCTION PLAN APPROVAL ACQUIRED 3/12/18.

MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE PARTICULATE EMISSIONS FROM REACHING EXISTING ROADS AND NEIGHBORING PROPERTIES.

MOSQUITO CONTROL IN ACCORDANCE WITH CHAPTER 96 OF LOUISVILLE JEFFERSON COUNTY METRO ORDINANCES.

SITE BENCHMARK:
EXISTING COMBINED SEWER MANHOLE: (RIM ELEVATION = 453.92)