

SITE LAYOUT KEYNOTES:

1. CONCRETE MEDIAN CURB
2. CONCRETE ENTRANCE APRON PER KYTC STANDARD DWG. RPM-150-07
3. HEAVY DUTY ASPHALT PAVEMENT
4. CONCRETE ROLL CURB TO MATCH EXISTING
5. HANDICAP RAMP PER KYTC STANDARD DWG. RPM-170-08
6. WROUGHT IRON ORNAMENTAL SECURITY FENCE
7. 32" SLIDE GATE WITH GATE OPERATOR
8. 10' BRICK FACED ENCLOSURE WALL ON THREE SIDES

GENERAL NOTES:

- A. PROPOSED NEW ENTRANCE ACROSS FROM HILLCREST AVENUE. NEW ENTRANCE AND DRIVE TO PROVIDE EGRESS FOR SERVICE ACCESS AND SUPPLY DELIVERIES TO PROPOSED NEW FACILITIES. KYTC HAS APPROVED PROPOSED MODIFICATION TO SIGNALIZATION FOR INTERSECTION.
- B. EXISTING ENTRANCE ACROSS FROM PENNSYLVANIA AVENUE TO BE WIDENED TO IMPROVE INGRESS-EGRESS FOR SERVICE ACCESS AND SUPPLY DELIVERIES TO EXISTING FACILITIES.
- C. THIS FACILITY IMPROVEMENT REQUIRES NO NEW EMPLOYEES AND THERE IS NO NEW PARKING INCLUDED WITH THIS PLAN.
- D. MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE PARTICULATE EMISSIONS FROM REACHING EXISTING ROADS AND NEIGHBORING PROPERTIES.
- E. NO SANITARY SEWER SERVICE WILL BE REQUIRED AS A PART OF THIS PROJECT.

REGIONAL FACILITY FEE CALCULATION:

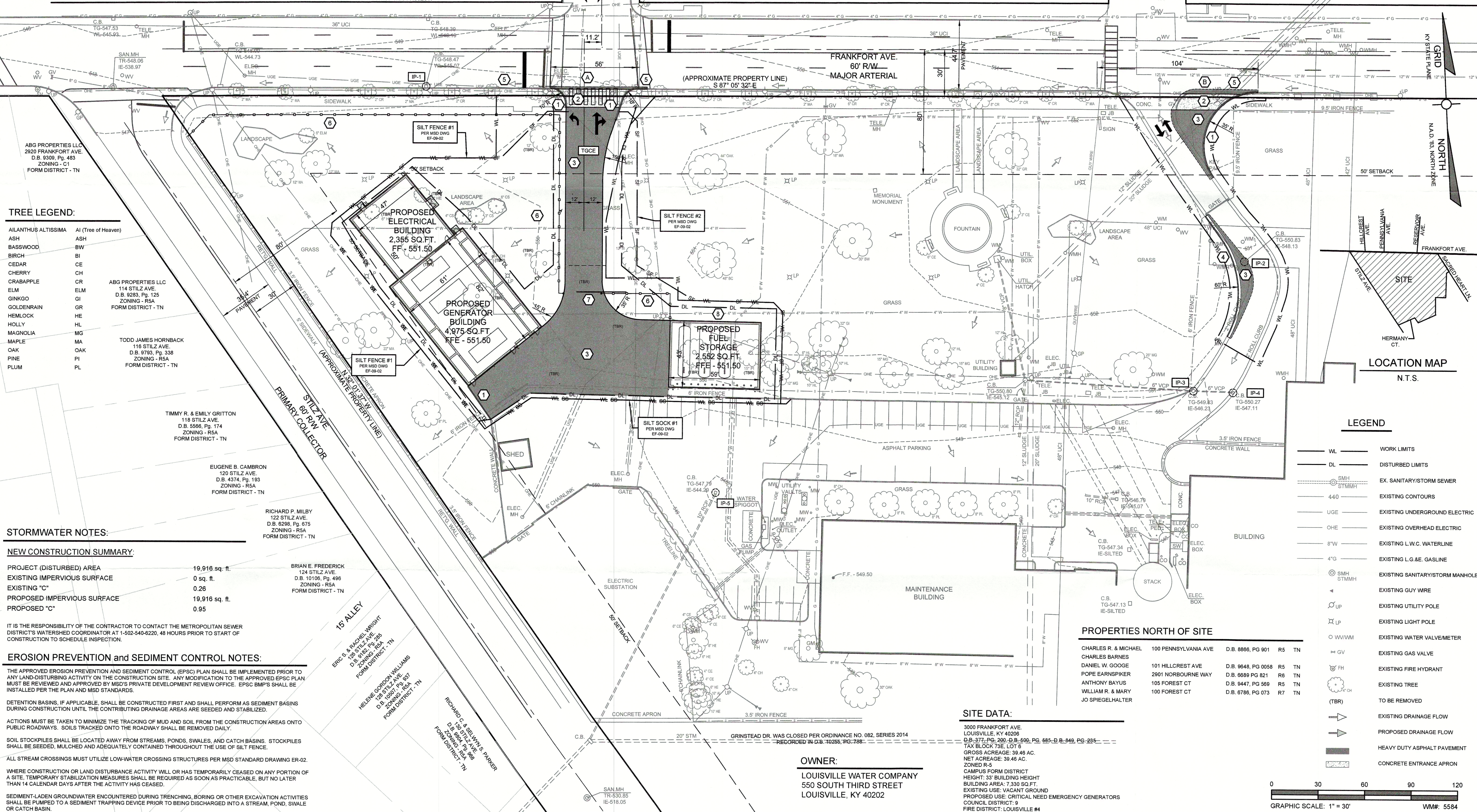
CHANGE IN RUNOFF COEFFICIENT, $C = 0.95 - 0.26 = 0.69$
INCREASED RUNOFF, $X = (0.69 \times 2.8 \times 0.457) / 12 = 0.0736 \text{ ac-ft}$
UNIT COST, $\$/\text{CF} = 0.4 + 0.35 \text{ E}^{-0.32 \times 0.0736} = 0.742 \text{ \$/CF}$
 $\text{RFF} = 0.0736 \times 43,560 \times 0.742 = \$2,379$

MSD NOTE:

MSD DOES NOT WARRANT THE DESIGN OR COMPUTATIONS CONTAINED IN THIS PLAN. THE CORRECTNESS OR ACCURACY OF ALL ENGINEERING COMPUTATIONS REMAIN THE SOLE RESPONSIBILITY OF THE APPLICANT'S DESIGN PROFESSIONAL. MSD'S APPROVAL TO PROCEED WITH CONSTRUCTION IS BASED SOLELY ON THAT DESIGN PROFESSIONAL'S SEAL AND SIGNATURE.

TREE PRESERVATION NOTE:

DURING CONSTRUCTION OF THE NEW BUILDINGS AS MANY TREES AS POSSIBLE WILL BE PRESERVED WITHIN THE WORK LIMITS IN ORDER TO MAINTAIN THE PARK LIKE SETTING THAT CURRENTLY EXISTS ON THE SITE.



TREE LEGEND:

AILANTHUS ALTISSIMA	AI (Tree of Heaven)
ASH	ASH
BASSWOOD	BW
BIRCH	BI
CEDAR	CE
CHERRY	CH
CRABAPPLE	CR
ELM	ELM
GINKGO	GI
GOLDENRAIN	GR
HEMLOCK	HE
HOLLY	HL
MAGNOLIA	MG
MAPLE	MA
OAK	OAK
PINE	PI
PLUM	PL

ABG PROPERTIES LLC
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TODD JAMES HORNBACK
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STORMWATER NOTES:

NEW CONSTRUCTION SUMMARY:

PROJECT (DISTURBED) AREA	19,916 sq. ft.
EXISTING IMPERVIOUS SURFACE	0 sq. ft.
EXISTING "C"	0.26
PROPOSED IMPERVIOUS SURFACE	19,916 sq. ft.
PROPOSED "C"	0.95

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE METROPOLITAN SEWER DISTRICTS WATERSHED COORDINATOR AT 1-502-540-6220, 48 HOURS PRIOR TO START OF CONSTRUCTION TO SCHEDULE INSPECTION.

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 MODIFICATION 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 SEEDDED AND STABILIZED.

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

SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES, AND CATCH BASINS. STOCKPILES SHALL BE SEEDDED, MULCHED AND ADEQUATELY CONTAINED THROUGHOUT 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 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 DISCHARGED INTO A STREAM, POND, SWALE OR CATCH BASIN.

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REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY:	RWD
DRAWN BY:	MJL
SHEET CHK'D BY:	RSG
CROSS CHK'D BY:	
APPROVED BY:	
DATE:	JULY 2016

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LOUISVILLE WATER COMPANY
LOUISVILLE, KY
CRESCENT HILL WTP
STANDBY GENERATOR PROJECT

COMMUNITY FACILITY REVIEW PLAN

PROJECT NO.	1409-105160
FILE NAME:	
SHEET NO.	CFR - 1
Sht. 1 of 1	

RECEIVED
JUL 18 2016
DESIGN SERVICES