

BENCHMARK

- TBM#1 DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX
- TBM#2 DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX
- TBM#3 DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX

UTILITY NOTE



MSD STANDARD DRAWINGS

DATE	xx/xx/xx	xx/xx/xx	xx/xx/xx	xx/xx/xx
NAME	ХХХ	ххх	ххх	XXX
	DRAWN BY:	DESIGNED BY:	снескер ву:	RECORD DWG:

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						Signature	
						Date	
NIC		PEVISION	CHK'D	APPR'D	DATE	PROFESSIONAL ENGINEER'S SEAL	
NO. DATE		E REVISION -	MSD	MSD APPROVALS		FILD LOSIONAL ENGINEER 5 SEAL	

CONSTRUCTION PLANS FOR PROJECT TITLE

PROJECT LOCATION MAP

THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY		1. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
LAND-DISTRURBING 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)		2. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS.		3. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DETENTION BASINS, IF APPLICABLE, SHALL BE CONSTRUCTED FIRST AND SHALL PERFORM AS SEDIMENT BASINS DURING		4. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTRUCTION UNTIL THE CONTRIBUTING DRAINAGE AREAS ARE SEEDED AND STABILIZED.		5. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC		6. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY.		
SOIL STOCKPILES SHALL BE LOCATED AWAY FROM THE STREAMS, PONDS, SWALES, AND CATCH BASINS. STOCKPILES SHALL BE		
SEEDED, MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE.		9. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ALL STREAM CROSSINGS MUST UTILIZE LOW-WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER-02-02.		
SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER ACTIVITIES SHALL BE PUMPED TO A		11. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH BASIN.		12. ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
WHERE CONSTRUCTION OR LAND DISTURBING ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE,		14. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICAL, BUT NO LATER THAN 14 DAYS AFTER THE ACTIVITY HAS CEASED.		15. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
AFTER THE ACTIVITY HAS CEASED.		16. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		17. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
BENCHMARK		18. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
NOTE: ALL ELEVATIONS ARE BASED ON NAVD 1988 DATUM AND WERE DERIVED FROM XXXXXXXXXX BY MEANS OF		19. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX METHODS.		20. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
SOURCE BENCHMARK GPS-#XX NAVD 1988 ELEV. XXX.XX		21. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		22. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TBM#1 - DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX		23. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TBM#2 - DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION.		24. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ELEV. XXX.XX		25. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TBM#3 - DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX		26. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		27. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TBM#4 – DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX		28. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		29. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
UTILITY NOTE		30. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		31
ALL UTILITIES ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR		32. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
SUBCONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER KENTUCKY 811 (TOLL FREE PHONE NO. 1-800-752-6007 OR LOCAL NO. 502-266-5123) FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THIS NUMBER		34. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (I.E. CABLES, ELECTRIC WIRES,		35. xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
GAS & WATER LINES). WHEN CONTACTING THE KENTUCKY 811 CALL CENTER, PLEASE STATE THE WORK TO BE DONE IS FOR A		36. xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
PROPOSED MSD SEWER OR DRAINAGE FACILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS AND IN THE TECHNICAL SPECIFICATIONS & SPECIAL PROVISIONS.		37. xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
		LOUISVILLE METROPOLITAN SEWER DISTRICT NOTES
The New Look For Digging Safely in Kentucky		
Kentuckv X11		MSD DOES NOT WARRANT THE DESIGN OR COMPUTATIONS CONTAINED IN THIS PLAN. T ALL ENGINEERING COMPUTATIONS REMAIN THE SOLE RESPONSIBILITY OF THE APPLICAN
Call 811 Before You Dia	SCALE: 1"= 50'	APPROVAL TO PROCEED WITH CONSTRUCTION IS BASED SOLELY ON THAT DESIGN PROFESSI
		ALL STORM DRAINAGE SHALL CONFORM TO MSD STANDARD SPECIFICATIONS.
	50' 25' 0 50' 100' GRAPHIC SCALE	ALE STORM DRAINAGE SHALL CONFORM TO MISD STANDARD SI LOINCATIONS.
MSD STANDARD DRAWINGS	GRAFFIC SCALL	FLOODPLAIN NOTE
	INDEX OF DRAWINGS	
XX-XX-XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	INDEX OF DRAWINGS	THE SUBJECT PROPERTY IS LOCATED IN ZONE _, WHICH IS AN AREA DETERMINED TO BE
XX—XX—XX	SHEET NO. DESCRIPTION	OF THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE FLOOD INSURANCE RATE MAP (FEMA) PANEL NO. XXXXXXXXXXXXX DATED XXXXXX X, XXXX.
XX-XX-XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
xx-xx-xx xxxxxxxxxxxxxxxxxxxxxxxxxxxxx	XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	NOTICE OF INTENT
XX-XX-XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
xx-xx-xx xxxxxxxxxxxxxxxxxxxxxxxxxxxxx		THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A NOTICE OF INTENT (NOI), TO OBTAIN COVERAGE UNDER THE KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM
XX-XX-XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	OBTAIN COVERAGE UNDER THE KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES), STORM WATER GENERAL PERMIT, TO THE INVENTORY OF GENERAL MANAGEMENT
xx-xx-xx xxxxxxxxxxxxxxxxxxxxxxxxxxxxx	XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	SECTION, KPDES BRANCH, KENTUCKY DIVISION OF WATER, PRIOR TO BEGINNING
XX-XX-XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX		CONSTRUCTION ACTIVITIES.
xx-xx-xx xxxxxxxxxxxxxxxxxxxxxxxxxxxxx		
XX—XX—XX		

EPARED AND SUBMITTED BY: SAMPLE DEVELOPER NAME XXXXX SAMPLE STREET, SUITE XX LOUISVILLE, KY 402XX-XXXX (502) XXX – XXXX

DESIGN CONSULTANT

GENERAL NOTES

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HE CORRECTNESS OR ACCURACY OF T'S DESIGN PROFESSIONALS. MSD'S IONAL'S SEAL AND SIGNATURE.

XX	Louisville and Jefferson County Metropolitan Sewer District 700 W. Liberty Street Louisville, Kentucky 40203–1913 (502) 587–0603 www.msdlouky.org		
		TE DEVELOPMENT MSD STANDARDS FF. 08/09, REV. 08/1	
	SCALE: AS SHOWN	DATE: 9/23/2010	drawing no.: EXH4-08c
	AP# XXXXXX	WM No. XXXXXX	Sheet 1 of 1