# LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT

CONTRACT NUMBER XXXXXX

# PROJECT TITLE

## EROSION PREVENTION AND SEDIMENT CONTROL NOTES

THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY 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) 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 THE 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-02-02.

SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER 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, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICAL, BUT NO LATER THAN 14 DAYS AFTER THE ACTIVITY HAS CEASED.

## BENCHMARK

NOTE: ALL ELEVATIONS ARE BASED ON NAVD 1988 DATUM AND WERE DERIVED FROM XXXXXXXXXXX BY MEANS OF XXXXXXXXXXXXX METHODS.

SOURCE BENCHMARK GPS-#XX NAVD 1988, ELEV. XXX.XX

TBM#1 – DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX

TBM#2 – DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX

TBM#3 – DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION. ELEV. XXX.XX

## UTILITY NOTE

ALL UTILITIES ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR 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 WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (I.E. CABLES, ELECTRIC WIRES, GAS & WATER LINES). WHEN CONTACTING THE KENTUCKY 811 CALL CENTER, PLEASE STATE THE WORK TO BE DONE IS FOR A 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.

The New Look For Digging Safely in Kentucky
**Kentucky 811**
Call 811 Before You Dig

## SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THESE PLANS AND SURVEY WERE MADE UNDER MY SUPERVISION AND THAT THE ANGULAR AND LINEAR MEASUREMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THE TOPOGRAPHIC FEATURES SHOWN WERE LOCATED OR VERIFIED AT THE TIME THE SURVEY WAS MADE. THE SURVEY INFORMATION SHOWN HEREON MEETS OR EXCEEDS THE MINIMUM STANDARDS OF GOVERNING AUTHORITIES.

SIGNATURE P.L.S. NO. DATE

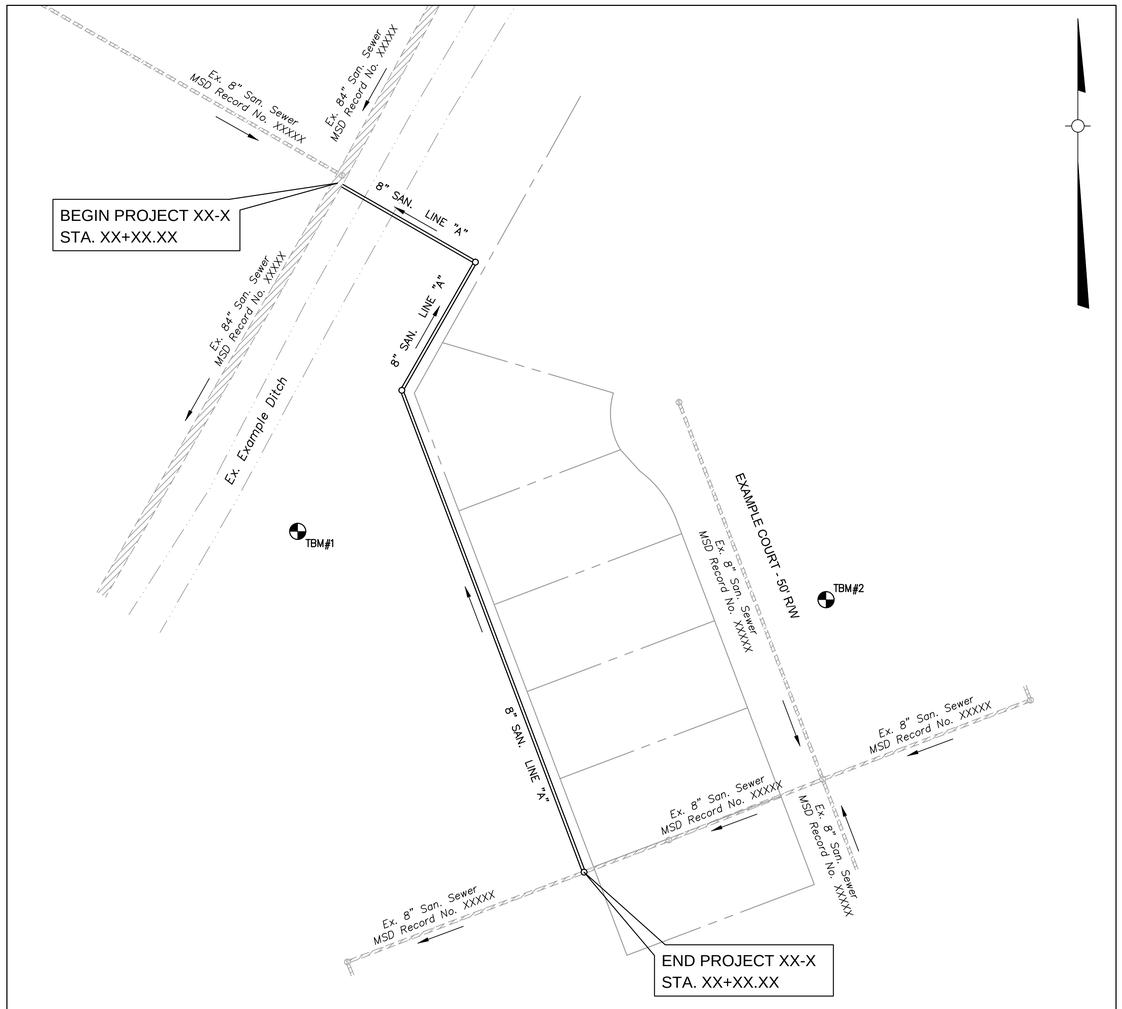
## LOUISVILLE METROPOLITAN SEWER DISTRICT NOTES

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 PROFESSIONALS. MSD'S APPROVAL TO PROCEED WITH CONSTRUCTION IS BASED SOLELY ON THAT DESIGN PROFESSIONAL'S SEAL AND SIGNATURE.

ALL STORM DRAINAGE SHALL CONFORM TO MSD STANDARD SPECIFICATIONS.

| NAME | DATE |
|---|---|
| DRAWN BY: XXX | XX/XX/XX |
| DESIGNED BY: XXX | XX/XX/XX |
| CHECKED BY: XXX | XX/XX/XX |
| RECORD DWG: XXX | XX/XX/XX |

## PROJECT LOCATION MAP




SCALE: 1"= 50'

50' 25' 0 50' 100'

GRAPHIC SCALE

## INDEX OF DRAWINGS

| SHEET NO. | DESCRIPTION |
|---|---|
| XX | XXXXXX |
| XX | XXXXXX |
| XX | XXXXXX |
| XX | XXXXXX |
| XX | XXXXXX |
| | |
| | |
| | |

## MSD STANDARD DRAWINGS

| | |
|---|---|
| XX-XX-XX | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| XX-XX-XX | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| XX-XX-XX | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| XX-XX-XX | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
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| XX-XX-XX | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |

## GENERAL NOTES

1. THIS PROJECT DIVERTS FLOW FROM _____ WATER QUALITY TREATMENT PLANT TO _____ WATER QUALITY TREATMENT PLANT.
2. THE LOUISVILLE METROPOLITAN SEWER DISTRICT (MSD) STANDARD SPECIFICATIONS SHALL APPLY.
3. SEWERAGE FROM THIS DEVELOPMENT SHALL BE TREATED AT THE _____ WATER QUALITY TREATMENT CENTER.
4. MSD SHALL INSPECT ALL SEWER CONSTRUCTION.
5. ALL SEWERS SHALL RECEIVE A FIRST, AND SECOND AIR TEST, A DEFLECTION TEST, HAVE CHIMNEY SEALS INSTALLED AND MANHOLES VACUUM TESTED IN ACCORDANCE WITH MSD'S STANDARD SPECIFICATIONS.
6. ALL MANHOLE RIMS SHALL BE AT OR ABOVE FINISHED GRADE, AS SHOWN ON THE DRAWINGS TO PREVENT THE INFLOW OF STORM WATER.
7. THE MANHOLE CHIMNEY SECTION SHALL BE SEALED AND MADE WATERTIGHT USING EITHER A MECHANICALLY LOCKING INTERNAL BUTYL RUBBER CHIMNEY SEAL OR A CHEMICALLY BONDED CHIMNEY SEAL AS IDENTIFIED ON THE PLANS. INSTALLATION OF THE CHIMNEY SEAL SHALL BE PERFORMED BY THE MANUFACTURER'S PERSONNEL. THE CHIMNEY SEAL PRODUCT SHALL BE ON THE MSD PRE-APPROVED PRODUCT LIST AND SHALL BE IDENTIFIED ON THE AS-BUILT DRAWINGS.
8. ALL PVC SHALL BE S.D.R. 35 PER MSD'S STANDARD SPECIFICATIONS.
9. THIS SITE IS LOCATED IN THE 100-YEAR FLOODPLAIN OF _____.

## LEGEND

| | | |
|---|---|---|
| | BENCHMARK | XXX |
| | EXISTING CREEK / STREAM | XXX |
| | EXISTING SANITARY SEWER | XXX |
| | PROPOSED SANITARY SEWER | XXX |
| | EXISTING STORM SEWER | XXX |
| | PROPOSED STORM SEWER | XXX |
| XXX | | XXX |
| XXX | | XXX |
| XXX | | XXX |
| XXX | | XXX |
| XXX | | XXX |
| XXX | | XXX |
| XXX | | XXX |

XX% SUBMITTAL

| NO. | DATE | REVISION | CHK'D | APPR'D | DATE |
|---|---|---|---|---|---|
| | | | MSD APPROVALS | | |
| XX | XX/XX/XXXX | XXXXXXXXXXXX | XXX | XXX | XXX |
| XX | XX/XX/XXXX | XXXXXXXXXXXX | XXX | XXX | XXX |
| XX | XX/XX/XXXX | XXXXXXXXXXXX | XXX | XXX | XXX |
| XX | XX/XX/XXXX | XXXXXXXXXXXX | XXX | XXX | XXX |
| XX | XX/XX/XXXX | XXXXXXXXXXXX | XXX | XXX | XXX |

Signature Date — LAND SURVEYOR'S SEAL

Signature Date — PROFESSIONAL ENGINEER'S SEAL

PLANS PREPARED AND SUBMITTED BY:

DESIGN CONSULTANT

CONSTRUCTED BY:
XXXXXXXXXXXXXXXX, INC. XX/XX/XXXX
Company Name Date

FINAL RECORD DRAWING BY:
XXXXXXXXXXXXXXXX, INC.
Company Name
XX/XX/XXXX
Signature Date

FINAL RECORD DRAWING

Signature L.S. # — LAND SURVEYOR'S SEAL

LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT

DESIGN APPROVED: _____

APPROVED FOR CONSTRUCTION: _____
DIRECTOR OF ENGINEERING DATE

MSD APPROVALS

MSD


Louisville and Jefferson County
Metropolitan Sewer District
700 W. Liberty Street
Louisville, Kentucky 40203-1913
(502) 587-0603 i www.msdlouky.org


SAMPLE CAPITAL PROJECTS COVER SHEET
MSD STANDARDS
EFF. 08/09, REV. 08/10

SCALE: AS SHOWN | DATE: 9/23/2010 | DRAWING NO.: EXH4-08a

Budget I.D. No. XXXXXX Contract No. XXXXXX Record No. XXXXXX Sheet 1 of 1