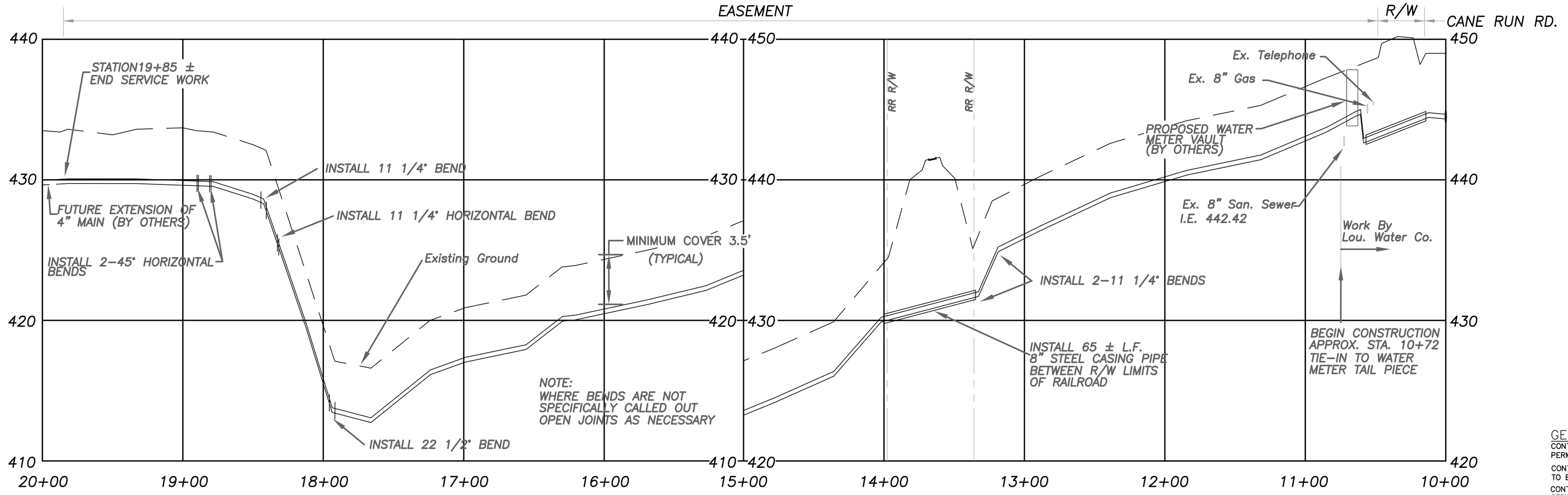
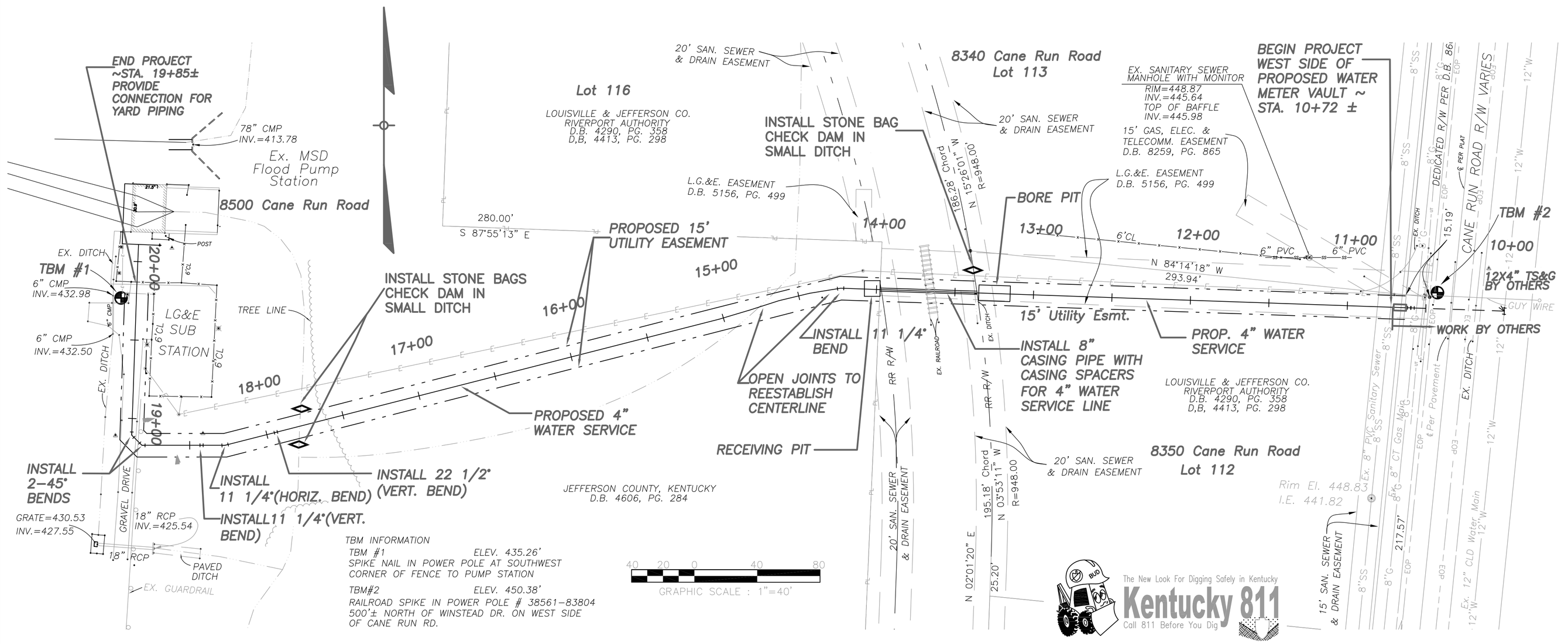
C:\Documents and Settings\User\My Documents\ENA Engineering\MSD Projects\Riverport Flood Water Serv\drawing files\RFPS Water Service ENA10-20-09_A.dwg PLOT DATE: November 06, 2009 - 11:03am



LEGEND

- 1/2" STEEL PIN & CAP FOUND WINKLER L.S. #3492
- STRAIN POLE
- UTILITY POLE
- LIGHT POLE
- TEMPORARY BENCHMARK
- SANITARY SEWER MANHOLE
- EX. TELEPHONE PEDESTAL
- GUY ANCHOR
- CATCH BASIN
- —E— OVERHEAD ELECTRIC LINES
- —UT— UNDERGROUND TELEPHONE LINE
- —8" SS— EX. SANITARY SEWER
- —8" G— EX. GAS LINE
- —12" W— EX. WATER LINE
- CHAIN LINK TYPE FENCE
- PROPOSED EASEMENT
- TREELINE
- STONE BAG CHECK DAM IN SMALL DITCH – MSD STANDARD DWG. NO. EF-12-01



TBM INFORMATION

TBM #1 ELEV. 435.26'
SPIKE NAIL IN POWER POLE AT SOUTHWEST CORNER OF FENCE TO PUMP STATION

TBM#2 ELEV. 450.38'
RAILROAD SPIKE IN POWER POLE # 38561-83804 500'± NORTH OF WINSTEAD DR. ON WEST SIDE OF CANE RUN RD.

GRAPHIC SCALE : 1"=40'

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

GENERAL NOTES (1)

CONTRACTOR SHALL ADHERE TO THE CONDITIONS SET OUT IN THE PERMITS FOR THIS PROJECT.

CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO PREVENT DAMAGE TO EXISTING UTILITIES.

CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DEBRIS AND SEDIMENTATION IN ANY IMPACTED DRAINAGE OR SANITARY FACILITIES.

LOUISVILLE WATER COMPANY TO INSTALL METER AND CONNECTION TO THE PUBLIC MAIN. WORK UNDER THIS CONTRACT IS TO BEGIN ON THE WESTSIDE OF THE WATER METER.

THE CASING PIPE SHALL CONFORM TO THE CHEMICAL AND MECHANICAL REQUIREMENTS OF ASTM A139. THE CASING PIPE SHALL BE GRADE B. THE CASING PIPE SHALL HAVE PROTECTIVE COATING INSIDE AND OUTSIDE. WALL THICKNESS OF THE CASING PIPE SHALL BE 0.5 INCHES.

NEITHER BORE NOR RECEIVING PIT SHALL DISRUPT EXISTING UTILITIES OR USE OF RAILROAD.

GENERAL NOTES (2)

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A BOUNDARY SURVEY.

NEITHER ABSTRACT OF TITLE NOR TITLE COMMITMENT WAS PROVIDED TO JACOBI,TOOMBS AND LANZ, INC. FOR THIS SURVEY. A TITLE COMMITMENT MAY REVEAL EASEMENTS ENCUMBRANCES, RESTRICTIONS OR RIGHTS OF OTHERS NOT SHOWN HEREON THAT MAY AFFECT THE QUALITY OF TITLE OR DEVELOPMENT OF THIS TRACT.

UTILITIES SHOWN HEREON ARE BASED ON OBSERVED ABOVE GROUND APPURTENANCES AND MARKINGS OF BURIED UTILITIES (BY OTHERS). MARKINGS OF BURIED UTILITIES WERE LOCATED AT THE SITE BY CALLING "KENTUCKY 811" (CONFIRMATION #0907310061) AND ARE SUBJECT TO THE ACCURACY STANDARDS AS ESTABLISHED BY THAT FIRM. NO ATTEMPT HAS BEEN MADE AS PART THIS SURVEY TO OBTAIN OR SHOW DATA CONCERNING SIZE DEPTH, CONDITION, OR CAPACITY OF THE SAID BURIED UTILITIES. JACOBI, TOOMBS, AND LANZ, INC. DOES NOT CERTIFY AS TO THE CORRECTNESS OR COMPLETENESS OF THE BURIED UTILITIES SHOWN HEREON.

WETLAND, ENVIRONMENTAL AND SUBSURFACE CONDITIONS WERE NEITHER EXAMINED NOR CONSIDERED A PART OF THIS SURVEY.

THE HORIZONTAL DATUM FOR THIS PROJECT CORRESPONDS TO KENTUCKY NORTH ZONE STATE PLANE COORDINATES, NORTH AMERICAN DATUM OF 1983 AND THE VERTICAL DATUM CORRESPONDS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 AS DERIVED FROM GPS OBSERVATIONS BASED ON PRECISION PRODUCTS INC., LOUISVILLE, KY BASE AND THE LOUISVILLE/ JEFFERSON COUNTY INFORMATION CONSORTIUM, "LOJIC" FOR JEFFERSON COUNTY CONTROL POINT "STA042-2001".

THE LAST DATE OF SURVEY FIELD WORK WAS AUGUST 17, 2009.

MSD STANDARD EPSC 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 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 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.

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 DISCHARGED INTO A STREAM, POND, SWALE OR CATCHBASIN.

NAME	DATE
DRAWN BY: TLN	10/19/09
DESIGNED BY: TLN	10/19/09
CHECKED BY:	.
RECORD DWG.	

NO.	DATE	REVISION	CHK'D	APPR'D	DATE
			MSD APPROVALS		

Signature
Professional Engineer's Seal

PLANS PREPARED AND SUBMITTED BY:
Elizabeth Niemann & Associates, Inc.
Civil Engineering Consultants
ENA
Exploring Ideas, Engineering Solutions
Design Consultant

Company Name Date
FINAL RECORD DRAWING BY:
Company Name
Signature Date
Final Record Drawing

LOUISVILLE AND JEFFERSON COUNTY
METROPOLITAN SEWER DISTRICT

DESIGN APPROVED: _____

APPROVED FOR CONSTRUCTION: _____
DIRECTOR OF ENGINEERING DATE

MSD
Louisville & Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville, Kentucky 40203

RIVERPORT FLOOD PUMP STATION WATER SERVICE

PLAN AND PROFILE SHEET STA. 10+72±-STA. 19+85±

Scale: 1"=40' H. & 1"=4' V. Date: 10-19-09

BUDGET I.D. NO. F01245 Construction Contract No. RECORD No. Sheet Of