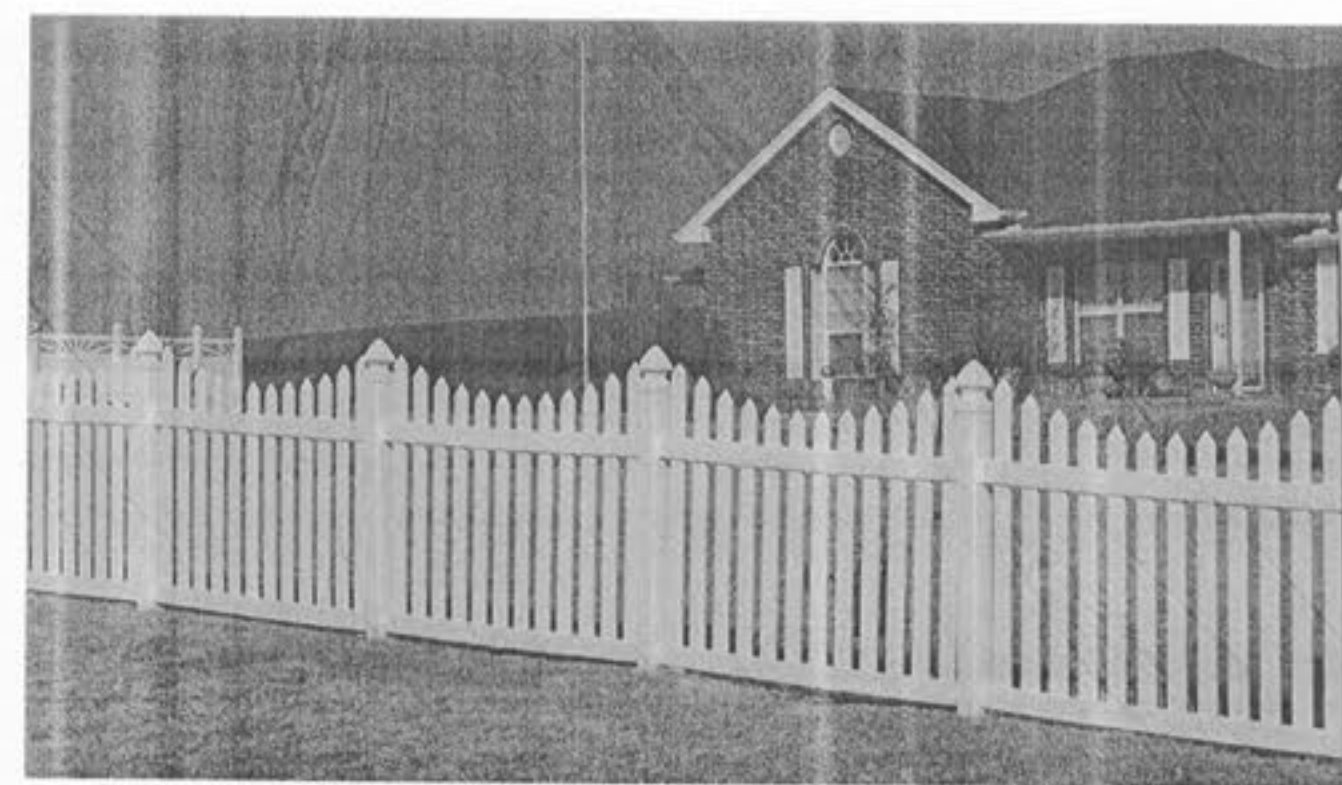


BORING NOTES

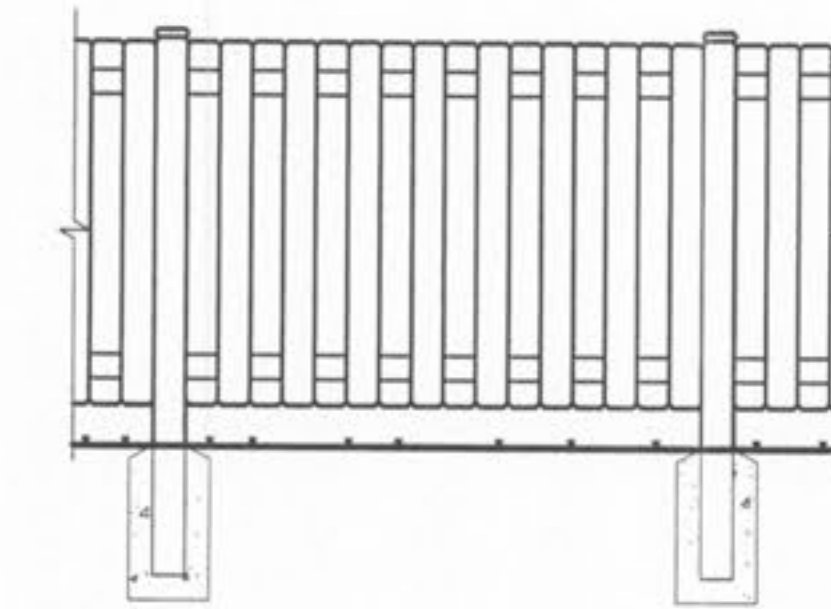
- CONTRACTOR SHALL SUBMIT A DETAILED BORING PLAN TO THE ENGINEER AND THE CITY OF FALLON PUBLIC WORKS ENGINEERING FOR REVIEW AND APPROVAL. THE PLAN SHALL CONTAIN THE FOLLOWING INFORMATION:
 - BORING DETAIL INFORMATION SHOULD INCLUDE BUT IS NOT LIMITED TO CASING PIPE LENGTH, SIZE AND TYPE, CARRIER PIPE SIZE AND TYPE, PIPE SPACER TYPE AND DIMENSIONS, JOINT RESTRAINING METHOD (FIELD LOCK GASKETS ARE ACCEPTABLE FOR THIS), AND CASING END CAP.
 - SHOW LOCATIONS AND SIZES OF BORE PITS.
 - SHOW SAFETY FENCING REQUIRED AROUND BORE PITS.
 - SHOW SIGNAGE IF NEEDED FOR BORE PITS.
 - PROVIDE SHORING DETAIL FOR BORE PIT.
 - PROVIDE BACKFILL REQUIREMENTS FOR BORE PIT.
 - THERE IS LIMITED SPACE FOR PITS DUE TO WATER MAIN, FIRE HYDRANT, SIDEWALK, AND ROADWAY CONFIGURATIONS SO THIS NEEDS TO BE A PART OF THIS PLAN.
 - PROVIDE THIS INFORMATION SPECIFIC TO EACH BORE.
- DO NOT SCALE DRAWING. FOLLOW DIMENSIONS.
- INSTALLATION OF THE CASING AND CARRIER PIPES SHALL MEET THE REQUIREMENTS FOR THE CITY OF FALLON SPECIFICATIONS.
- ALL JOINTS IN THE CASING PIPE SHALL BE WELDED.
- THE PIPE TO BE PLACED IN THE BORE HOLE SHALL BE CAST-IRON PIPE EXCEPT AS REQUIRED ON THE PLANS.
- STEEL CASING PIPE USED IN THE INSTALLATION OF WATER OR SEWER LINE AND CONDUITS SHALL HAVE A MINIMUM YIELD STRENGTH OF 35,000 P.S.I.
- CARRIER PIPE SHALL BE 8" DIA. DUCTILE IRON CLASS 51, WW P-421 OR ANSI A.21.51, DESIGN OF PIPE SHALL BE IN ACCORDANCE WITH ANSI A.21.50 LAYING CONDITIONS B OR F.
- CASING PIPE SHALL BE 12" DIA. STEEL (0.281" WALL THICKNESS).
- NOTE: EXISTING FACILITIES ARE TO REMAIN IN USE AT ALL TIMES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SERVICE LINES AND UTILITIES PRIOR TO CONSTRUCTION.
- RESTRAINING JOINTS SHALL BE USED ON THE CARRIER PIPE. (FIELD LOCK GASKETS, OR APPROVED EQUAL).
- SEE TRAFFIC CONTROL PLAN FOR WORK IN SHOULDERS.
- END SEALS. BOTH ENDS OF EACH TUNNEL LINER SHALL BE CLOSED SEAMLESS PULL-ON-TYPE SYNTHETIC RUBBER END SEALS. THE END SEALS SHALL BE SECURED TO THE CASING AND CARRIER PIPE WITH T-304 STAINLESS STEEL BANDING STRAPS WITH A 100% NON-MAGNETIC WORM GEAR MECHANISM. END SEAL INSTALLATION SHALL NOT REQUIRE ANY SPECIAL TOOLS. ACCEPTABLE MANUFACTURERS AND MODELS ARE: ADVANCE PRODUCTS & SYSTEMS MODELS AC & AM, PSI MODELS C & S.



[HTTP://WWW.R.FENCE.COM/RESIDENTIAL.HTM](http://www.r.fence.com/residential.htm)
4' SCALLOPED VINYL PICKET FENCE
NOT TO SCALE



[HTTP://WWW.HOMELANDFENCE.COM](http://www.homelandfence.com)
WHITE SOUND WALL (NORTH SIDE)
NOT TO SCALE



[HTTP://WWW.AMERIFENCECORPORATION.COM/VINYL](http://www.amerifencecorporation.com/vinyl)
VINTAGE WHITE VINYL SIGHT PROOF FENCE (WEST SIDE)
NOT TO SCALE

- REVISION NOTES:**
- VINYL PICKET FENCE DETAIL
 - BORE (ALTERNATIVE) NOTES
 - MOVED DUMPSTER ENCLOSURE DETAIL TO THIS SHEET

PLANNING & DEVELOPMENT #1804.08 APPROVED AUGUST 6, 2009
SITE DETAILS

WOODBURY PLACE
ST. CHARLES COUNTY, O'FALLON, MISSOURI

Surveyed: _____
Drawn: BR
Checked: TDC/AM

Engineering Surveys & Services
1113 Fay Street
Columbia, Missouri
573 - 449 - 2646
Missouri Engineering Corporation # 2004009018

Revised
19 JAN 2010
3 MAR 2010

Scale: AS SHOWN
Date: DECEMBER 7, 2009
Job: 11354
Sheet: C116

MATTHEW A. KRIETE
PROFESSIONAL ENGINEER
PE-2007002811