



EPOXY COAT THE SIDES AND THE BOTTOM OF MANHOLES J-N

THE LINING SHALL BE A SOLVENTLESS, 100% SOLIDS CORROSION RESISTANT EPOXY COATING OR MULTIPLE LAYERS OF STRUCTURAL FIBERGLASS MOLDED TO THE EXISTING STRUCTURE WITH A NON POROUS DIAPHRAGM BONDED BETWEEN THE FIBERGLASS LAYERS TO PROTECT THEM FROM H2S EXPOSURE.

ACCEPTABLE MANUFACTURER: AMERON PROTECTIVE LINING DIVISION, AMER-PLATE T LOCK, OR APPROVED EQUAL.

**SANITARY SEWER PROFILE**  
 SCALES:  
 HORIZ. 1"=50'  
 VERT. 1"=10'

- CITY OF O'FALLON NOTES:**
- ALL SANITARY LATERALS AND SANITARY SEWER MAINS THAT CROSS THE PAVEMENT, LIE WITHIN (10) TEN FEET OF THE EDGE OF PAVEMENT AND/OR THE 1:1 SHEAR PLANE OF THE PAVEMENT MUST HAVE PROPER GRANULAR ROCK BACKFILL AND REQUIRED COMPACTION.
  - ALL SANITARY SEWER LATERALS SHALL BE A MINIMUM SCHEDULE 40 PIPE MATERIAL, FROM THE SEWER MAIN TO THE BUILDING.
  - ANY CONNECTION TO AN EXISTING SANITARY SEWER STRUCTURE MAY REQUIRE REHABILITATION OR RECONSTRUCTION OF THE SANITARY SEWER STRUCTURE BEING USED.
  - WHEN PIPE SLOPES EXCEED 20%, A CONCRETE COLLAR WILL BE REQUIRED AT EACH PIPE JOINT.

PROJECT TITLE:  
**KEYSTONE  
 RIDGE**

**ENGINEERING  
 PLANNING  
 SURVEYING**

22 Point View Blvd.  
 St. Charles, MO 63001  
 636-928-5552  
 FAX 636-928-1718

DISCLAIMER OF RESPONSIBILITY  
 I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

STATE OF MISSOURI  
 CLIFFORD L. HEITMANN  
 NUMBER  
 E-29817

*(Signature)*  
 CLIFFORD L. HEITMANN  
 CIVIL ENGINEER  
 E29817

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**REVISIONS**

DATE	REVISION
05/01/17	CITY COMMENTS
07/20/17	CITY COMMENTS
08/07/17	CITY COMMENTS
08/21/17	CITY COMMENTS
08/31/17	CITY COMMENTS
10/02/17	CITY COMMENTS

**Developer / Owner:**  
 KEYSTONE RIDGE LAND, LLC  
 10328 LAKE BLUFF DRIVE  
 ST. LOUIS, MO 63123  
 314-892-3030 EXT. 121

**SANITARY SEWER PROFILES**

**P+Z No.**  
 #32-16

**City No.**  
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