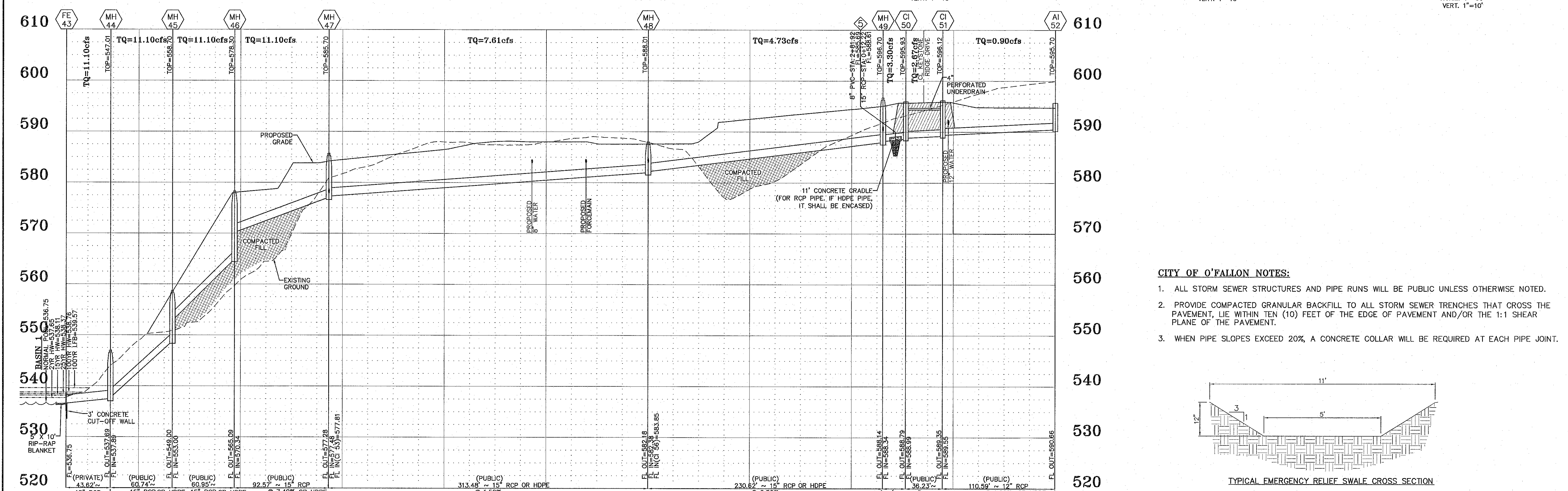


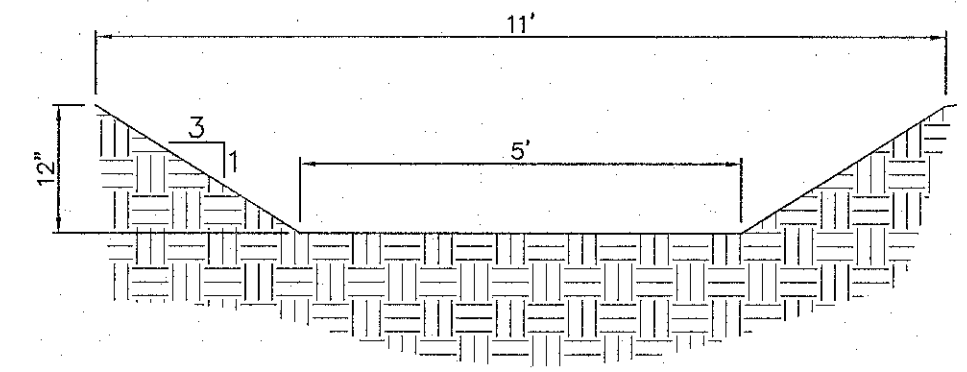
STORM SEWER PROFILE  
 SCALES:  
 HORIZ. 1"=50'  
 VERT. 1"=10'



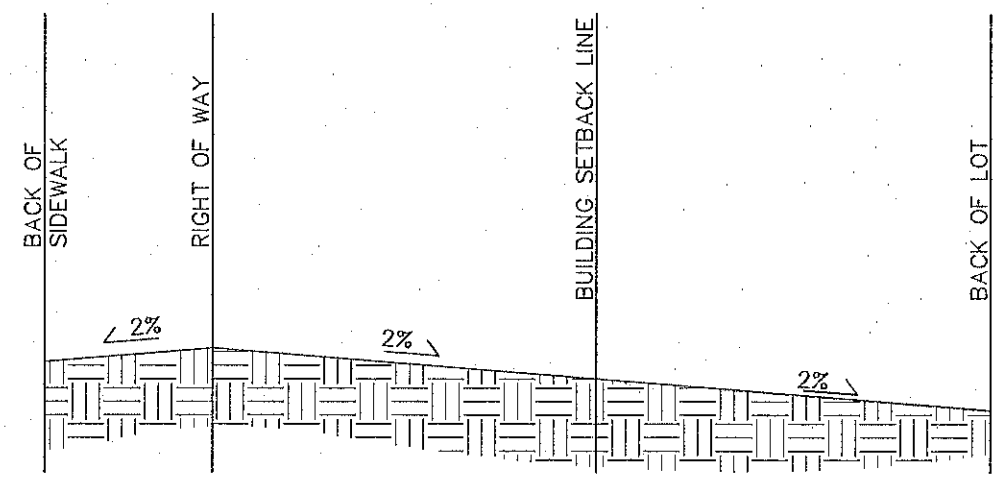
STORM SEWER PROFILE  
 SCALES:  
 HORIZ. 1"=50'  
 VERT. 1"=10'

**CITY OF O'FALLON NOTES:**

1. ALL STORM SEWER STRUCTURES AND PIPE RUNS WILL BE PUBLIC UNLESS OTHERWISE NOTED.
2. PROVIDE COMPACTED GRANULAR BACKFILL TO ALL STORM SEWER TRENCHES THAT CROSS THE PAVEMENT, LIE WITHIN TEN (10) FEET OF THE EDGE OF PAVEMENT AND/OR THE 1:1 SHEAR PLANE OF THE PAVEMENT.
3. WHEN PIPE SLOPES EXCEED 20%, A CONCRETE COLLAR WILL BE REQUIRED AT EACH PIPE JOINT.



TYPICAL EMERGENCY RELIEF SWALE CROSS SECTION

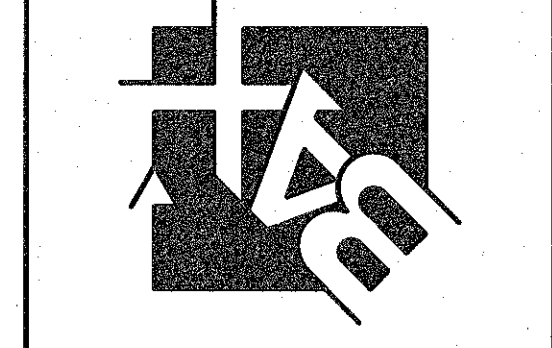


TYPICAL SWALE PROFILE

Location	15 YR Flow	Top of Foundation	Lowest Sill	X-section Location	Flow Line	Slope	Bottom Width	Highwater	Freeboard
Adjacent to lot 55	DCI 42	3.83 cfs	572.50 ft	571.00 ft	Swale	569.50 ft	---	5.00 ft	569.86 ft 1.14 ft

PROJECT TITLE:  
**KEYSTONE  
 RIDGE**

ENGINEERING  
 PLANNING  
 SURVEYING  
 221 Point West Blvd.  
 St. Charles, MO 63301  
 636-928-6652  
 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 work.

CLIFFORD L. HEITMANN  
 NUMBER E-29817  
 CIVIL ENGINEER  
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**REVISIONS**

DATE	CITY COMMENTS
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

**STORM SEWER PROFILES**

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

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