

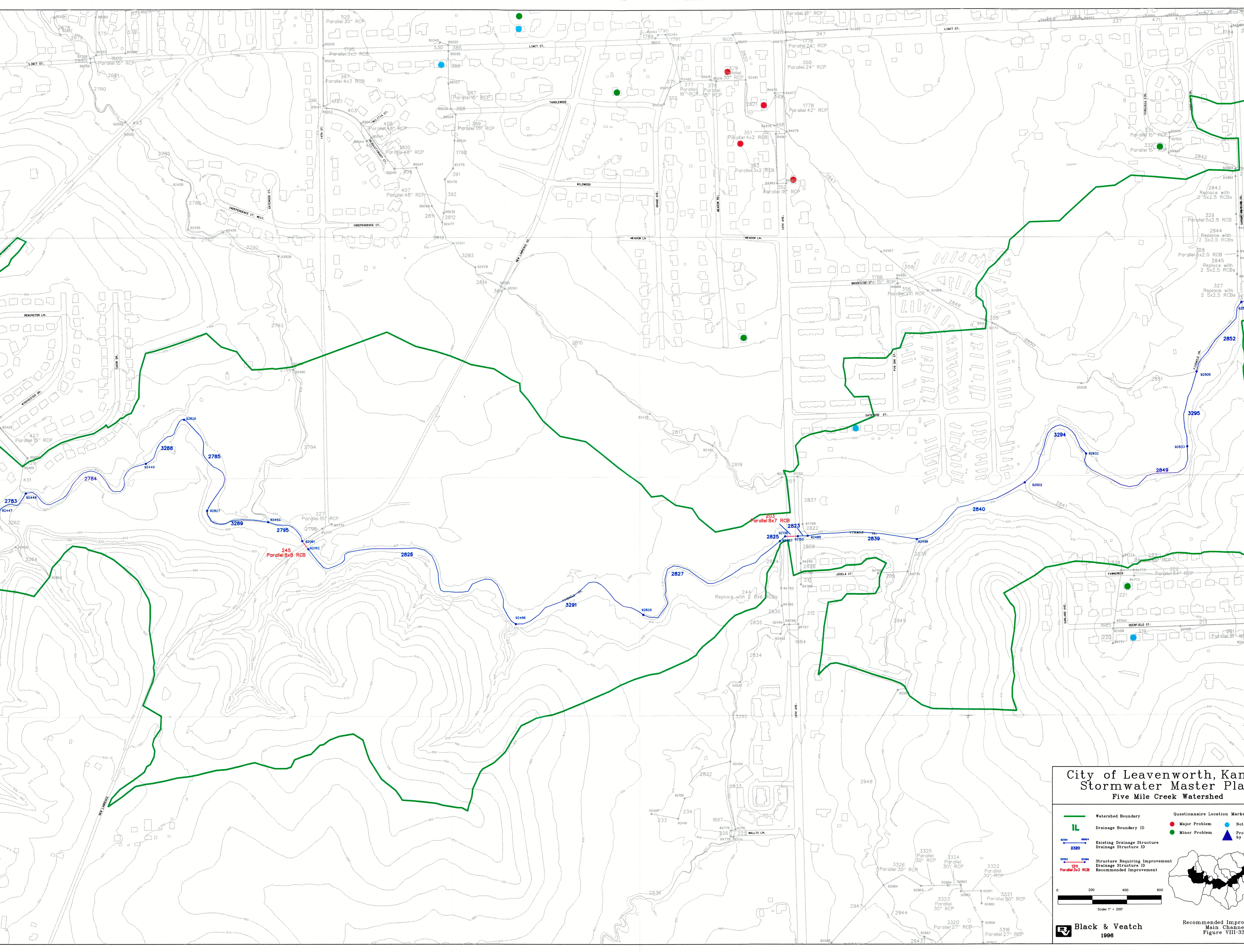
City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

<ul style="list-style-type: none"> —— Watershed Boundary —— Drainage Boundary ID —— Existing Drainage Structure Drainage Structure ID —— Structure Requiring Improvement Drainage Structure ID —— Recommended Improvement 	<ul style="list-style-type: none"> ● Major Problem ● Minor Problem ▲ Problem Identified by the City ● Not a Problem 	<ul style="list-style-type: none"> Questionnaire Location Markers
--	---	--

Scale: 1" = 200'

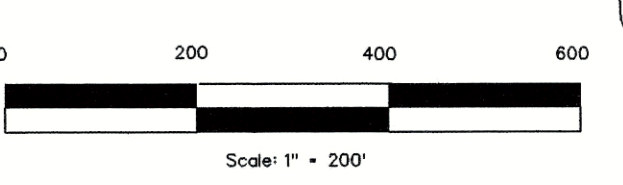
Black & Veatch
1996

Recommended Improvements
Main Channel
Figure VIII-33A

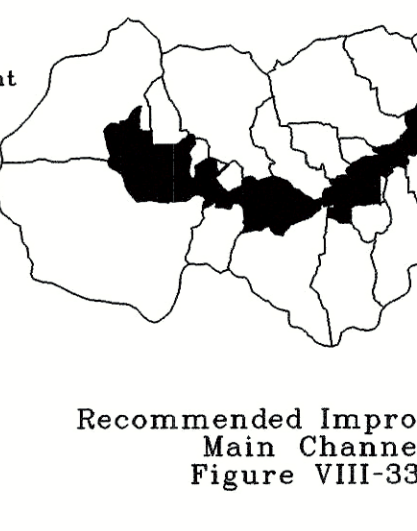


City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

- | | |
|------------------------------------|---|
| Watershed Boundary | Questionnaire Location Marked Major Problem |
| Drainage Boundary ID | Minor Problem |
| Existing Drainage Structure ID | Proposed Improvement |
| Structure Requiring Improvement ID | |
| Recommended Improvement | |



Black & Veatch
1996



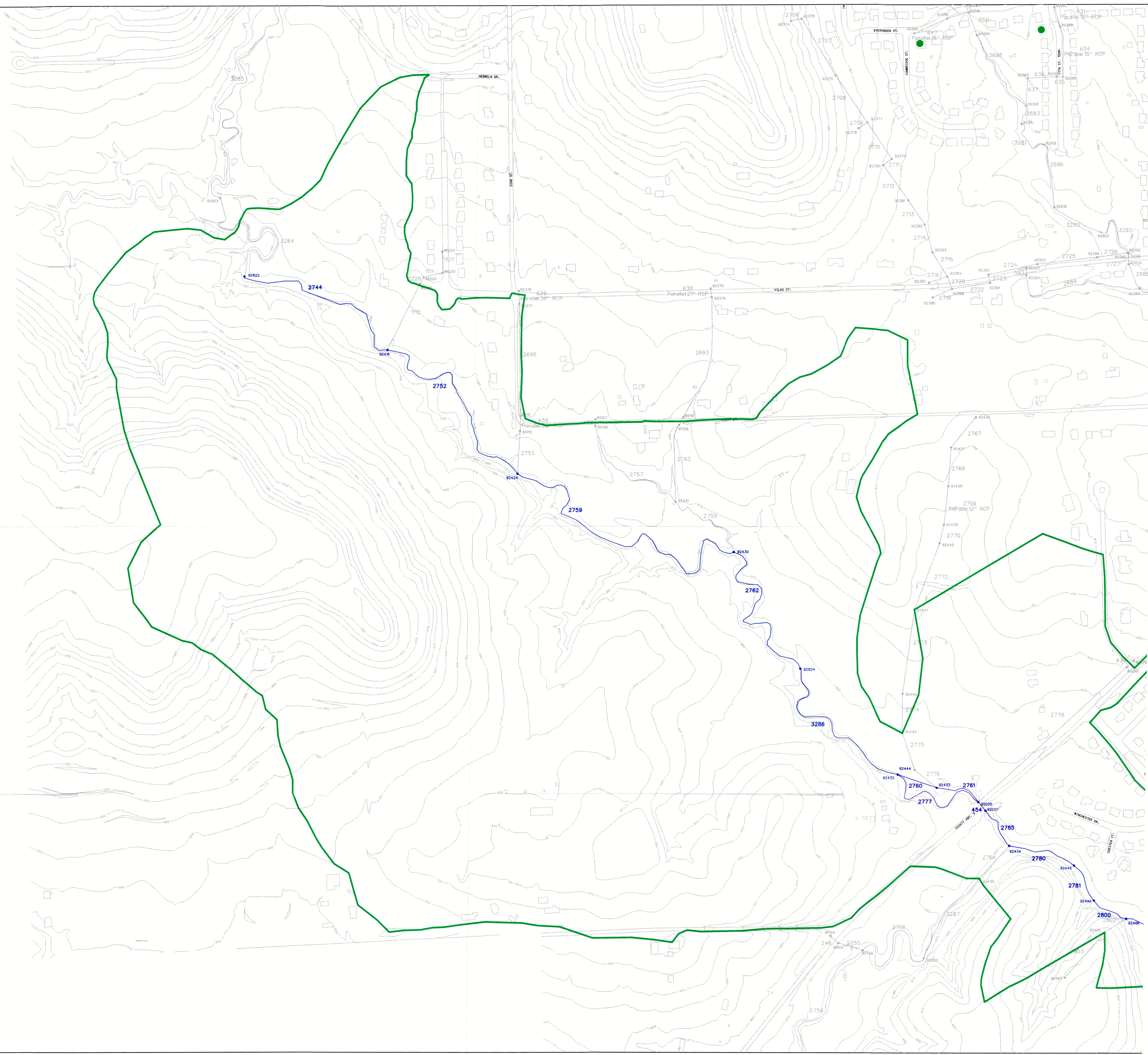
Recommended Improvement Main Channel Figure VIII-33

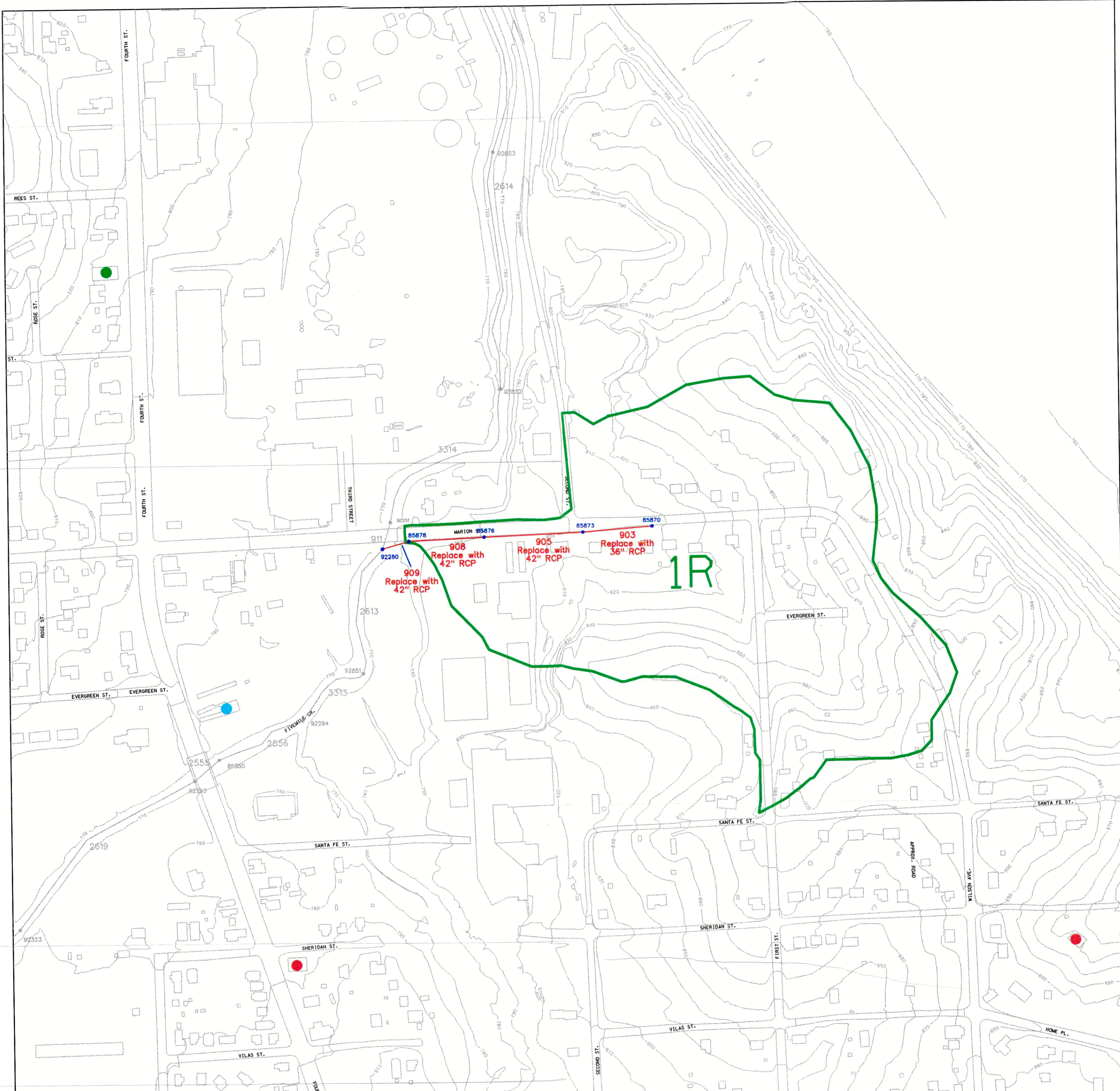
City of Leavenworth, Kansas
 Stormwater Master Plan
 Five Mile Creek Watershed

- | | |
|---------------------------------|--------------------------------|
| Watershed Boundary | Questionnaire Location Markers |
| Drainage Boundary ID | Major Problem |
| Existing Drainage Structure | Minor Problem |
| Structure Requiring Improvement | Not a Problem |
| Recommended Improvement | Problem Identified by the City |











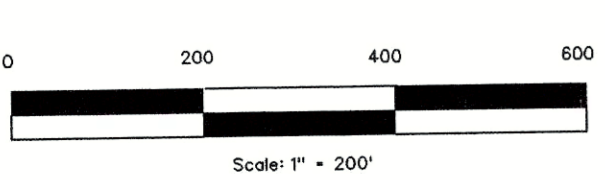
Recommended Improvements
 Main Channel
 Figure VIII-33C



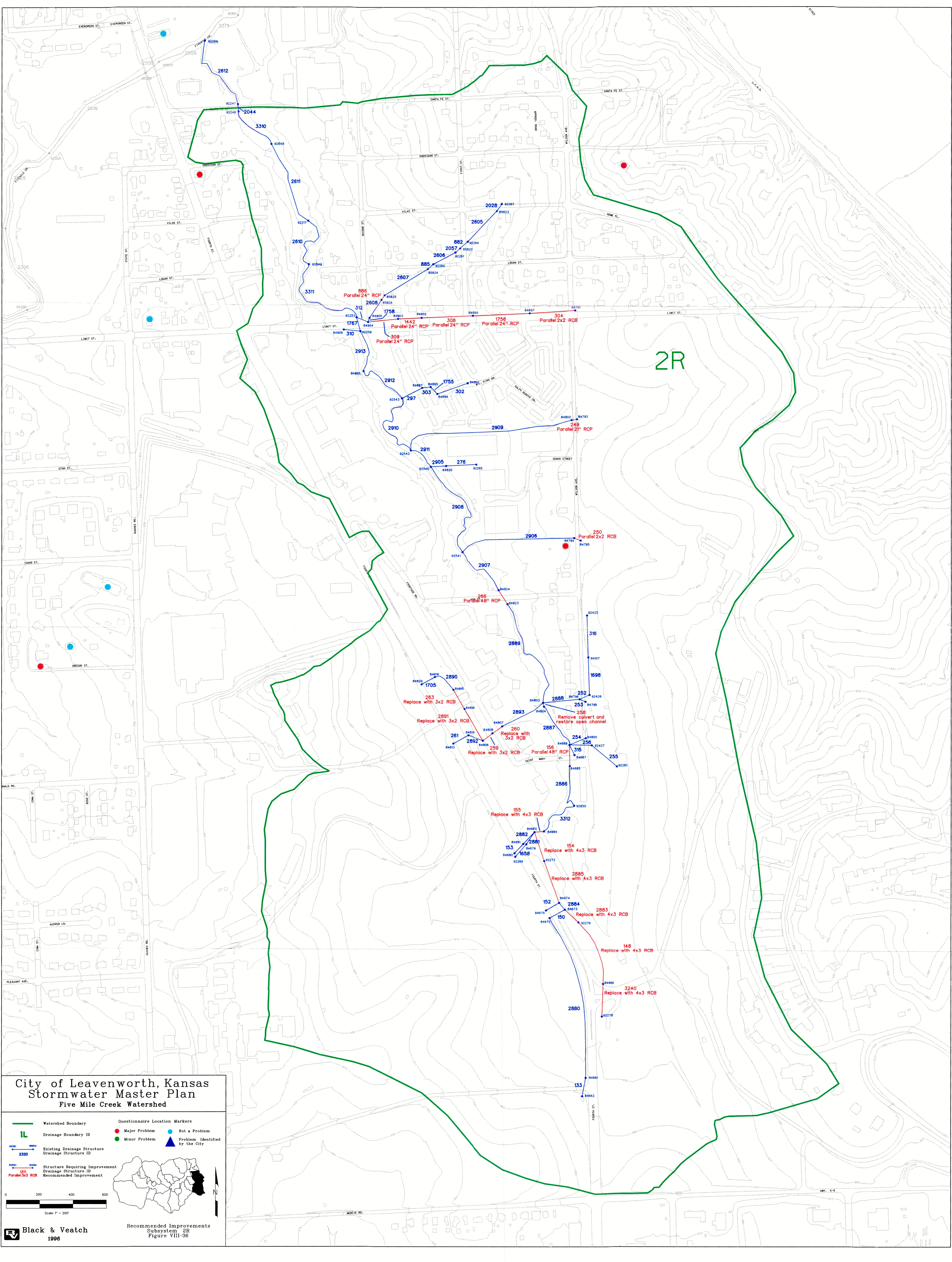


City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

- | | | | | | |
|---|---|---|---------------|---|--------------------------------|
|  | Watershed Boundary |  | Major Problem |  | Not a Problem |
|  | Drainage Boundary ID |  | Minor Problem |  | Problem Identified by the City |
|  | Existing Drainage Structure
Drainage Structure ID | | | | |
|  | Structure Requiring Improvement
Drainage Structure ID
Recommended Improvement | | | | |



Recommended Improvements
Subsystem 1R
Figure VIII-35

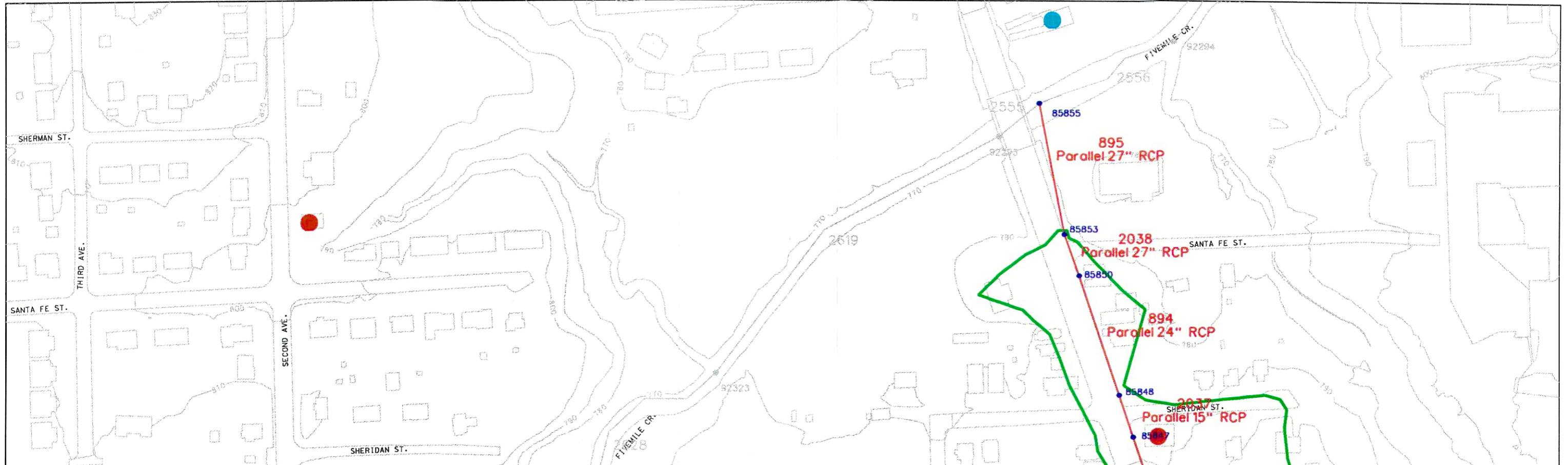


**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

	Watershed Boundary		Questionnaire Location Markers
	Drainage Boundary ID		Major Problem
	Existing Drainage Structure Drainage Structure ID		Minor Problem
	Structure Requiring Improvement Drainage Structure ID		Problem Identified by the City
	Recommended Improvement		

Scale: 1" = 200'

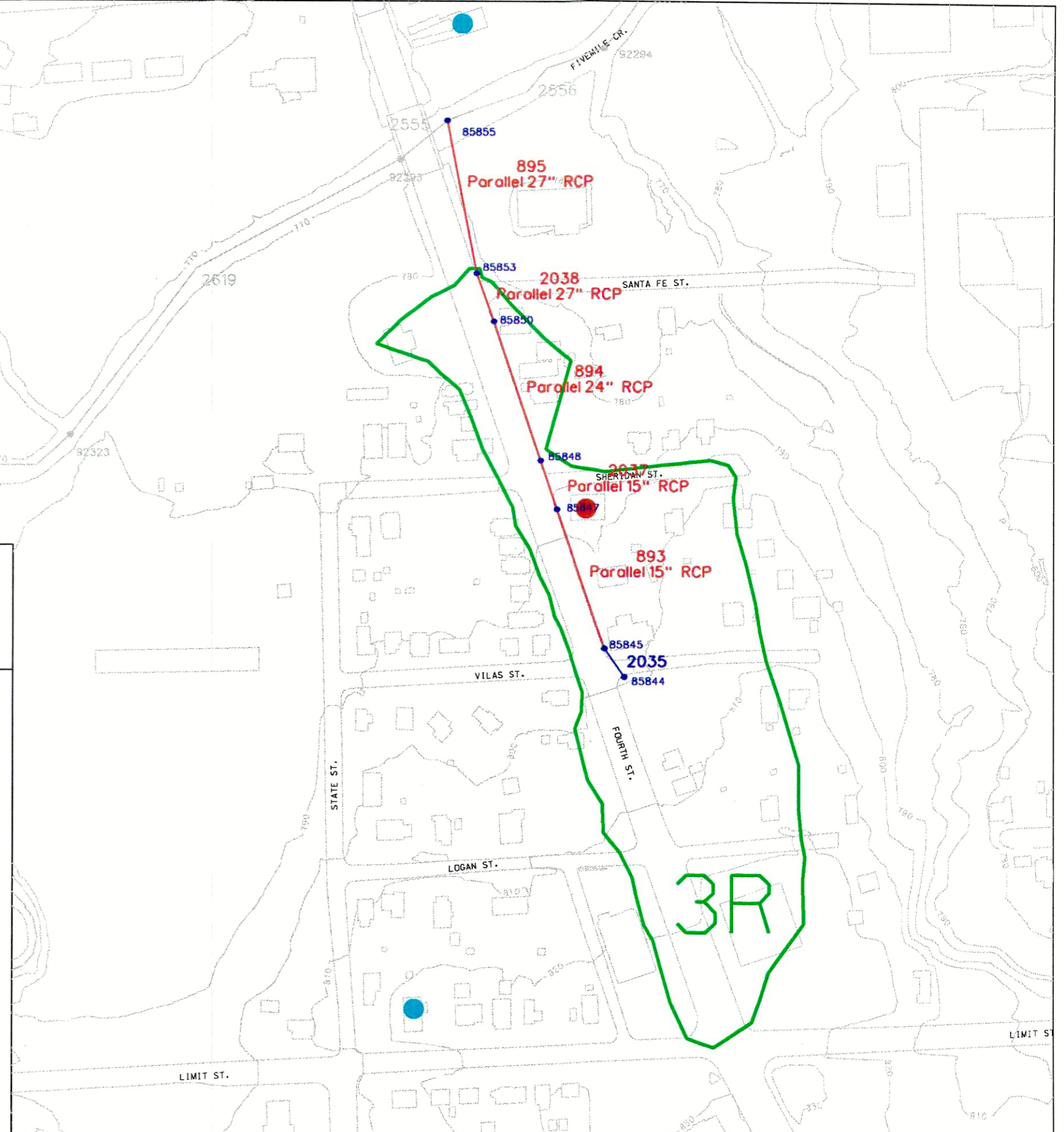
North Arrow

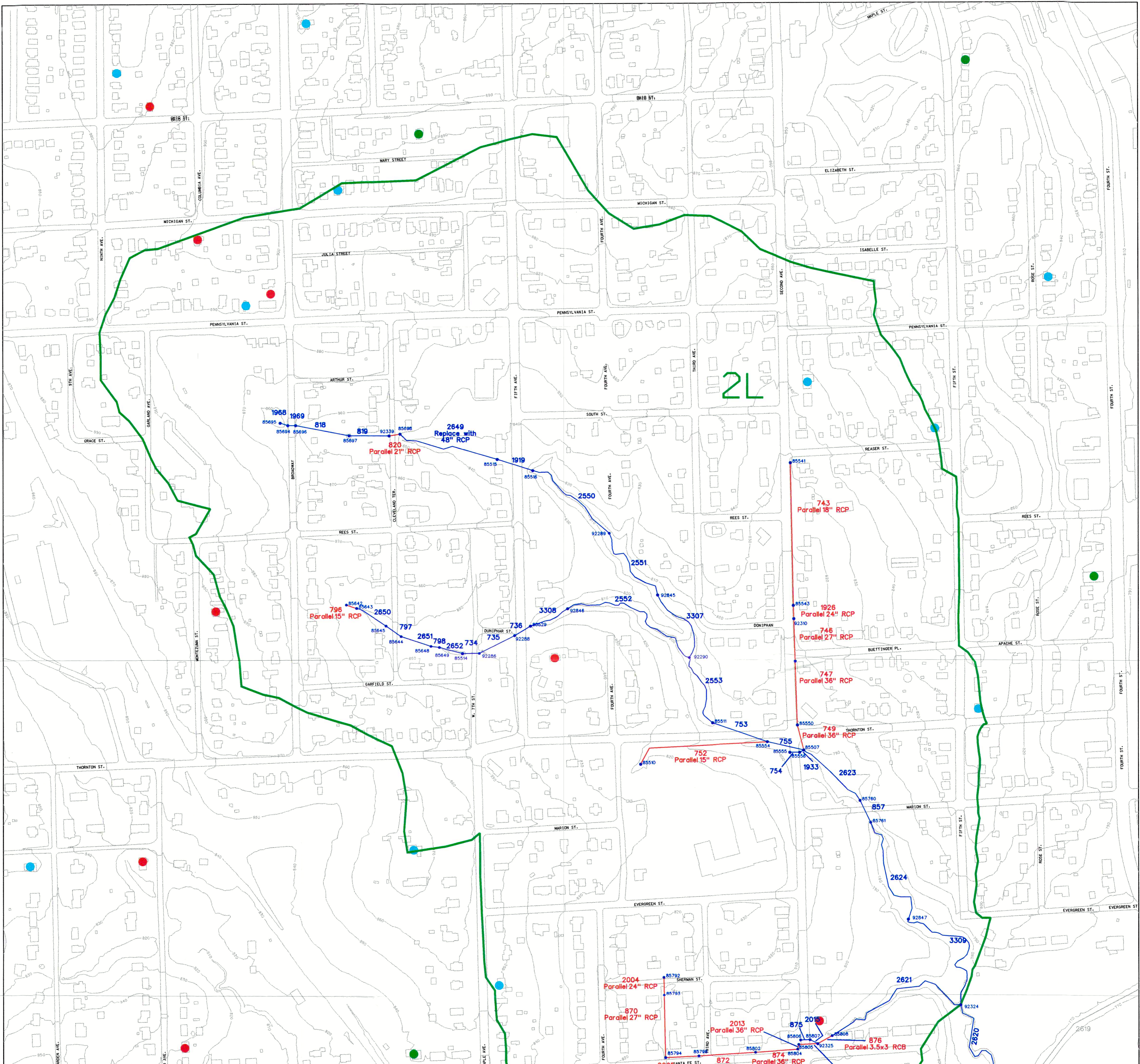


City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

	Watershed Boundary	Questionnaire Location Markers	
	Drainage Boundary ID		Major Problem
	Existing Drainage Structure Drainage Structure ID		Minor Problem
	Structure Requiring Improvement Drainage Structure ID Recommended Improvement		Problem Identified by the City
	Scale: 1" = 200'		

Recommended Improvements
Subsystem 3R
Figure VIII-37



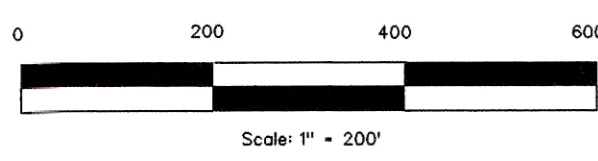


**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

Watershed Boundary	Questionnaire Location Markers
Drainage Boundary ID	Major Problem
Existing Drainage Structure Drainage Structure ID	Minor Problem
Drainage Structure ID	Problem Identified by the City
Structure Requiring Improvement Drainage Structure ID	
Recommended Improvement	

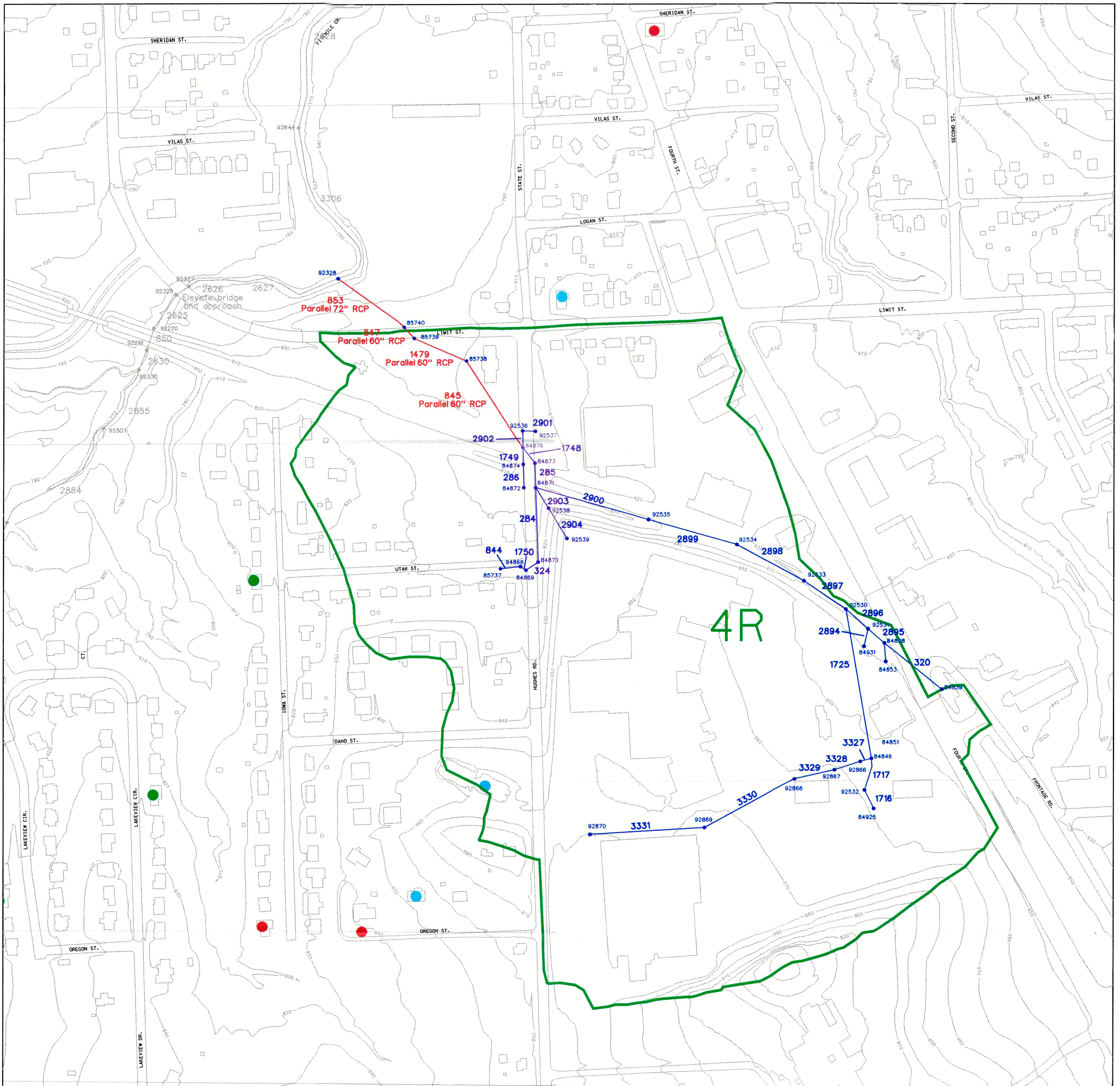
Black & Veatch
1998

Recommended Improvements
Subsystem 2L
Figure VIII-38



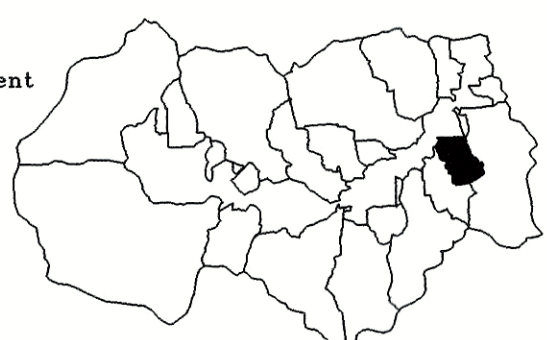
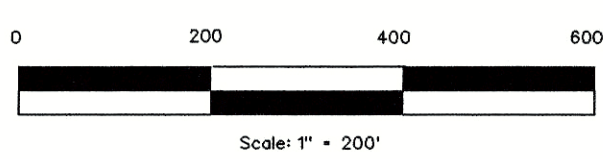
2L

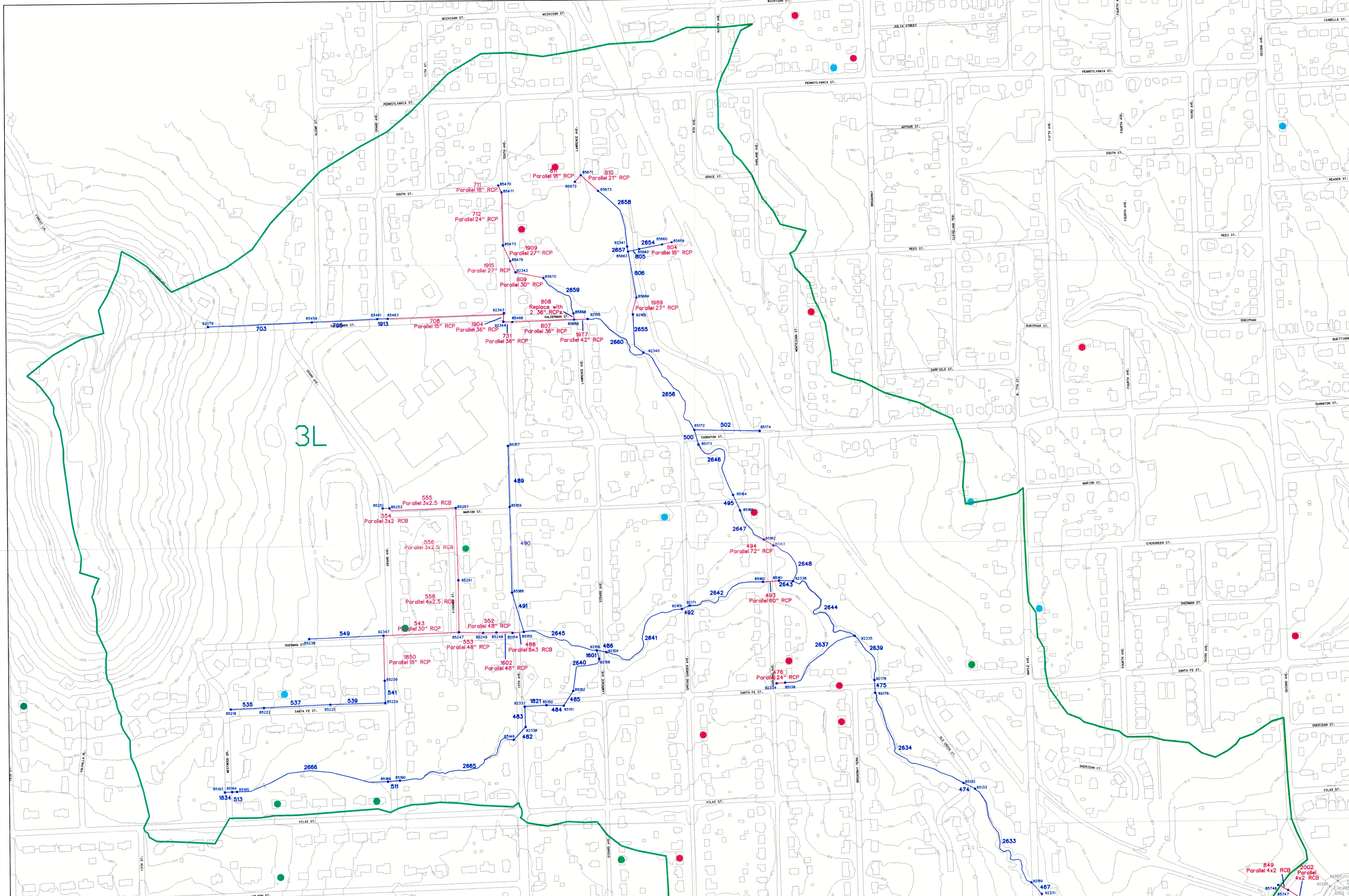
Map labels include street names (e.g., OHIO ST., MARY STREET, JULIA STREET, PENNSYLVANIA ST., SOUTH ST., REES ST., GARFIELD ST., MARION ST., EVERGREEN ST., SHERIDAN ST., VILAS ST., STATE ST.), drainage structure IDs (e.g., 1968, 1969, 818, 819, 820, 2649, 1919, 2550, 2551, 2552, 3308, 3307, 2553, 753, 752, 755, 754, 1933, 2623, 857, 2624, 2621, 2004, 870, 2013, 2015, 875, 876, 874, 872, 2005, 874, 872, 2014, 743, 1926, 746, 747, 749, 2620, 92324, 2619, 92323, 92328), and RCP specifications (e.g., Parallel 21" RCP, Parallel 15" RCP, Parallel 18" RCP, Parallel 24" RCP, Parallel 27" RCP, Parallel 36" RCP, Parallel 15" RCP, Parallel 24" RCP, Parallel 27" RCP, Parallel 36" RCP, Parallel 36" RCP, Parallel 36" RCP, Parallel 36" RCP, Parallel 3.5x3 RCB).



City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

	Watershed Boundary		Questionnaire Location Markers
	Drainage Boundary ID		Major Problem
	Existing Drainage Structure Drainage Structure ID		Minor Problem
	Structure Requiring Improvement Drainage Structure ID		Problem Identified by the City
	Recommended Improvement		



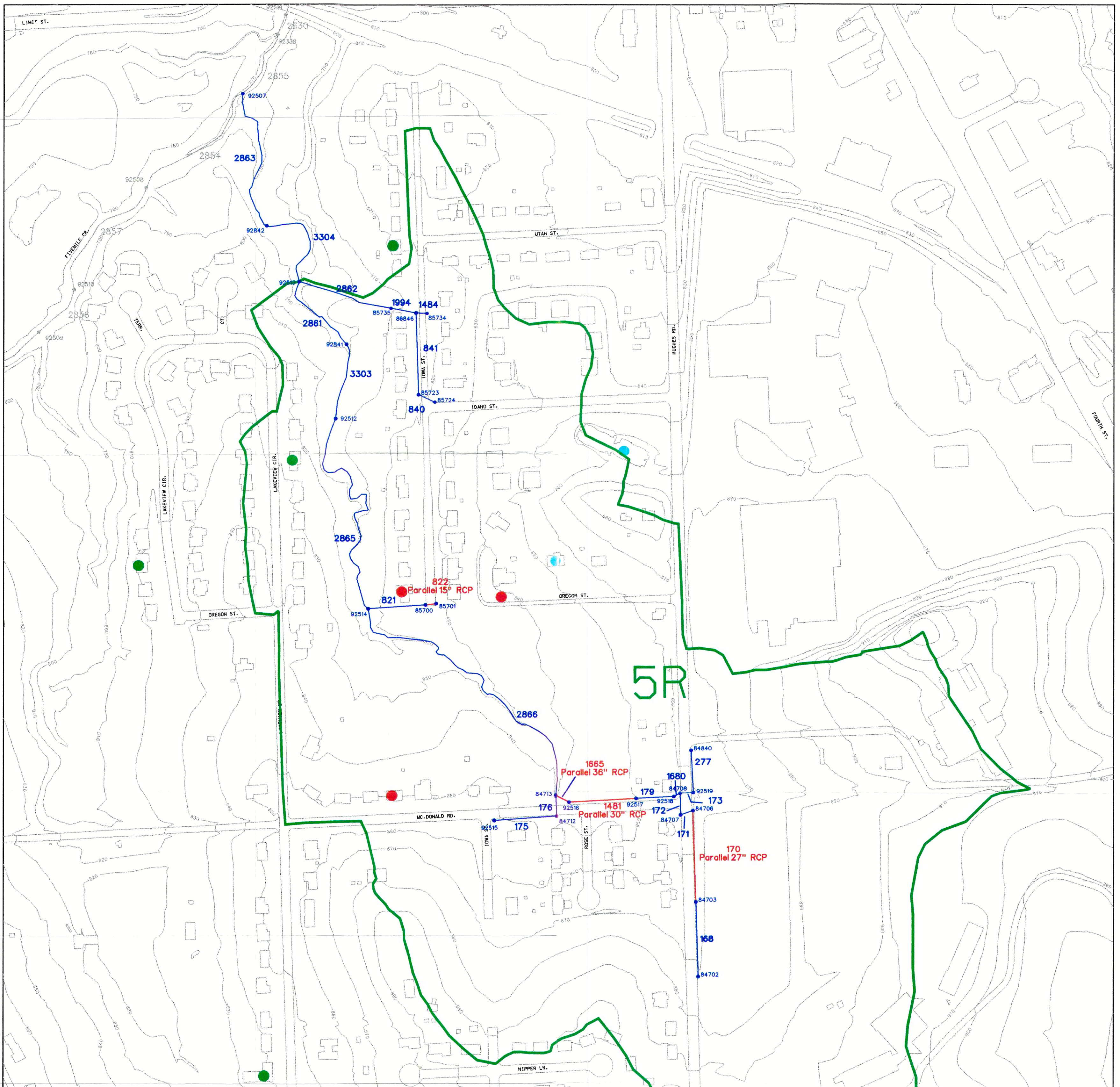


3L






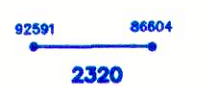
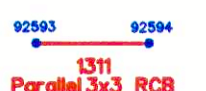
City of Leavenworth, Kansas
Stormwater Master Plan
 Five Mile Creek Watershed

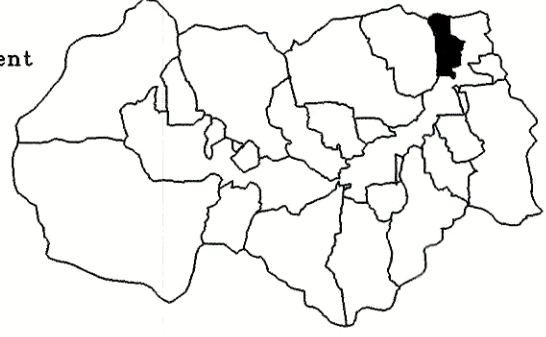
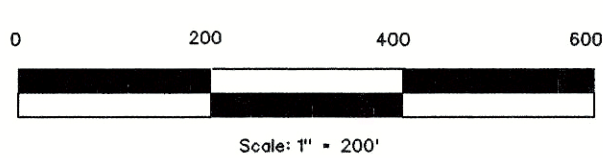
Watershed Boundary	Major Problem	Not a Problem
Drainage Boundary ID	Minor Problem	Problem Identified by the City
Existing Drainage Structure ID		
Structure Requiring Improvement		
Drainage Structure ID		
Recommended Improvement		

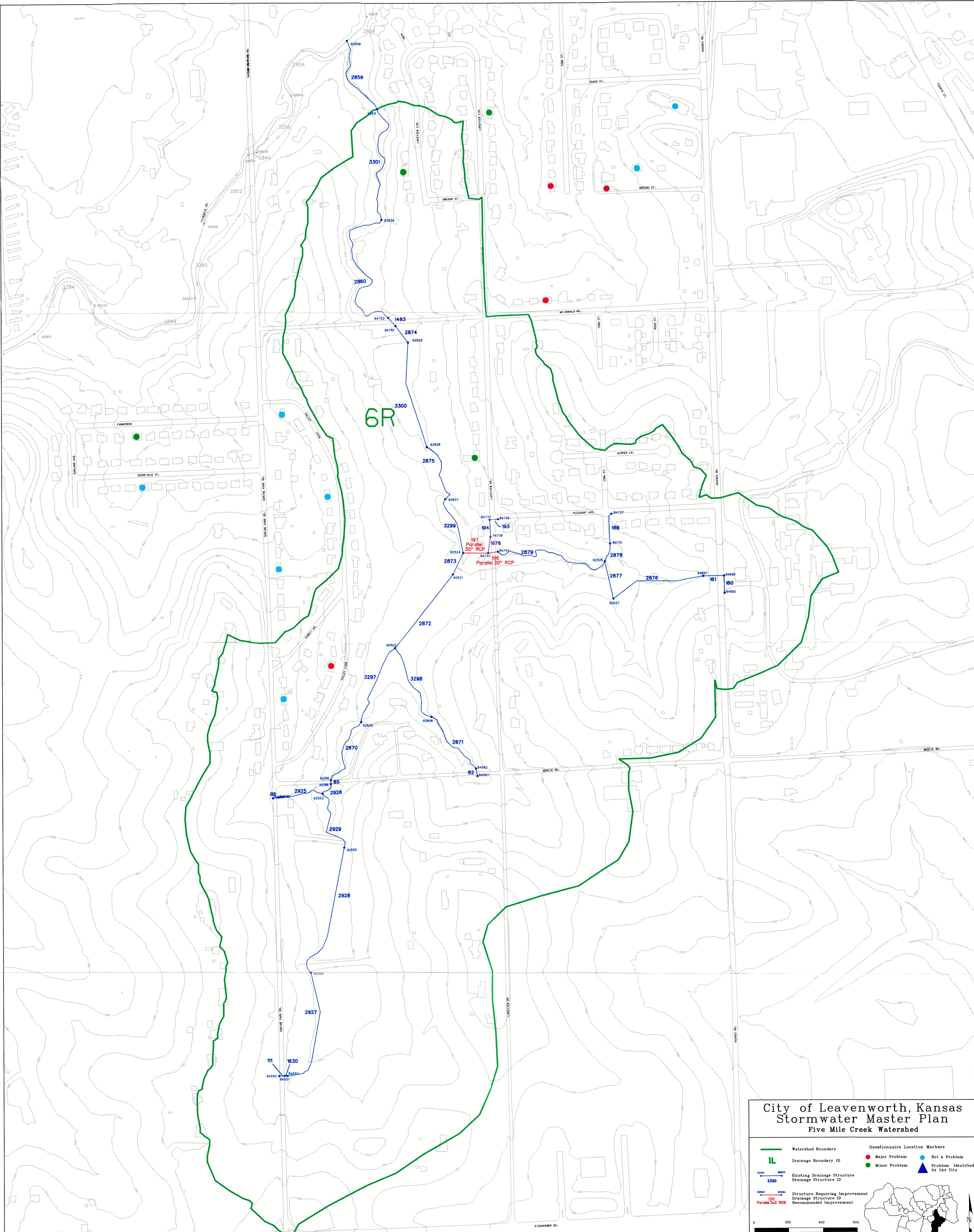
Scale: 1" = 200'



City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

	Watershed Boundary		Major Problem		Problem Identified by the City
	Drainage Boundary ID		Minor Problem		
	Existing Drainage Structure Drainage Structure ID				
	Structure Requiring Improvement Drainage Structure ID Recommended Improvement				





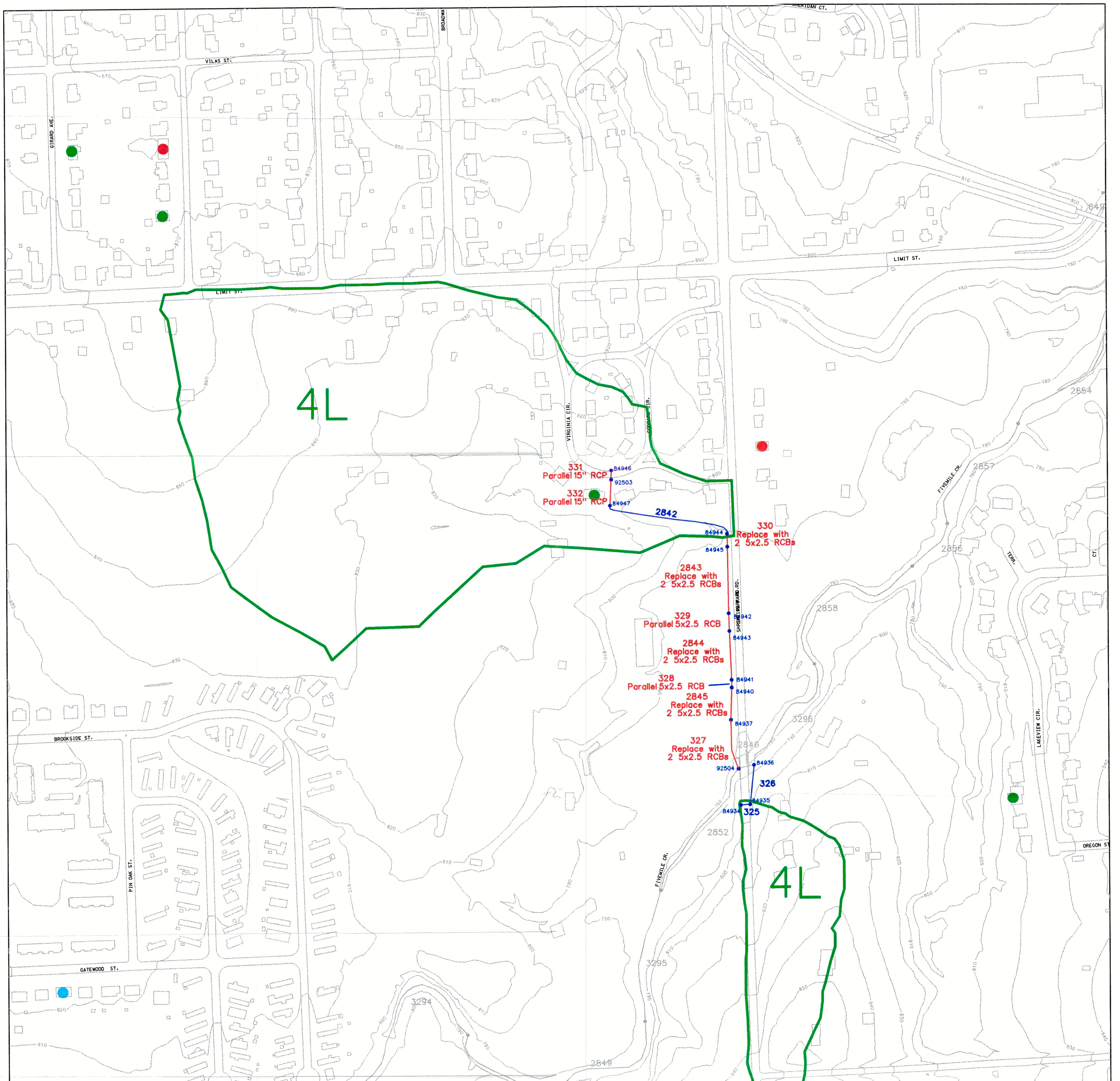
**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

Watershed Boundary	Questionnaire Location Markers
Drainage Boundary ID	Major Problem
Existing Drainage Structure Drainage Structure ID	Not a Problem
Structure Requiring Improvement Drainage Structure ID	Problem Identified by the City
Parallel 30" RCP Recommended Improvement	

Scale: 1" = 200'

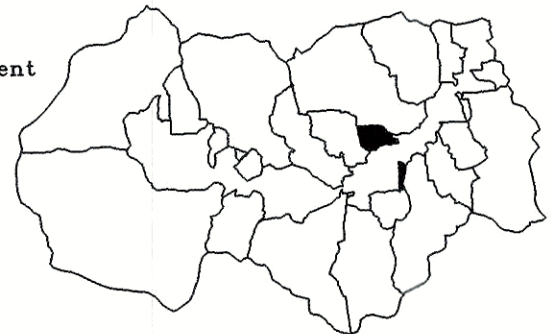
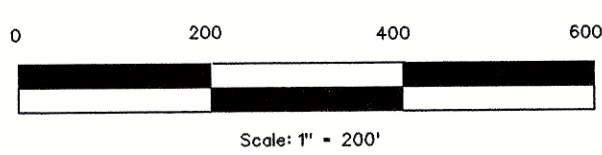
Black & Veatch
1998

Recommended Improvements
Subsystem 6R
Figure VIII-42



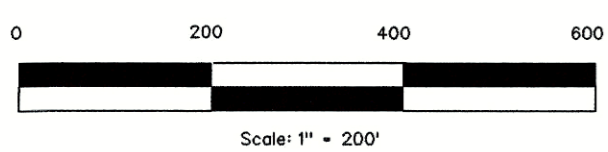
**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**


- | | | | | | |
|--|--|--|---------------|--|--------------------------------|
| | Watershed Boundary | | Major Problem | | Not a Problem |
| | Drainage Boundary ID | | Minor Problem | | Problem Identified by the City |
| | Existing Drainage Structure
Drainage Structure ID | | | | |
| | Structure Requiring Improvement
Drainage Structure ID | | | | |
| | Recommended Improvement | | | | |

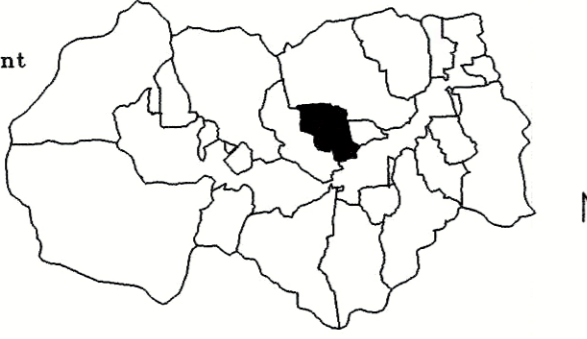


City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

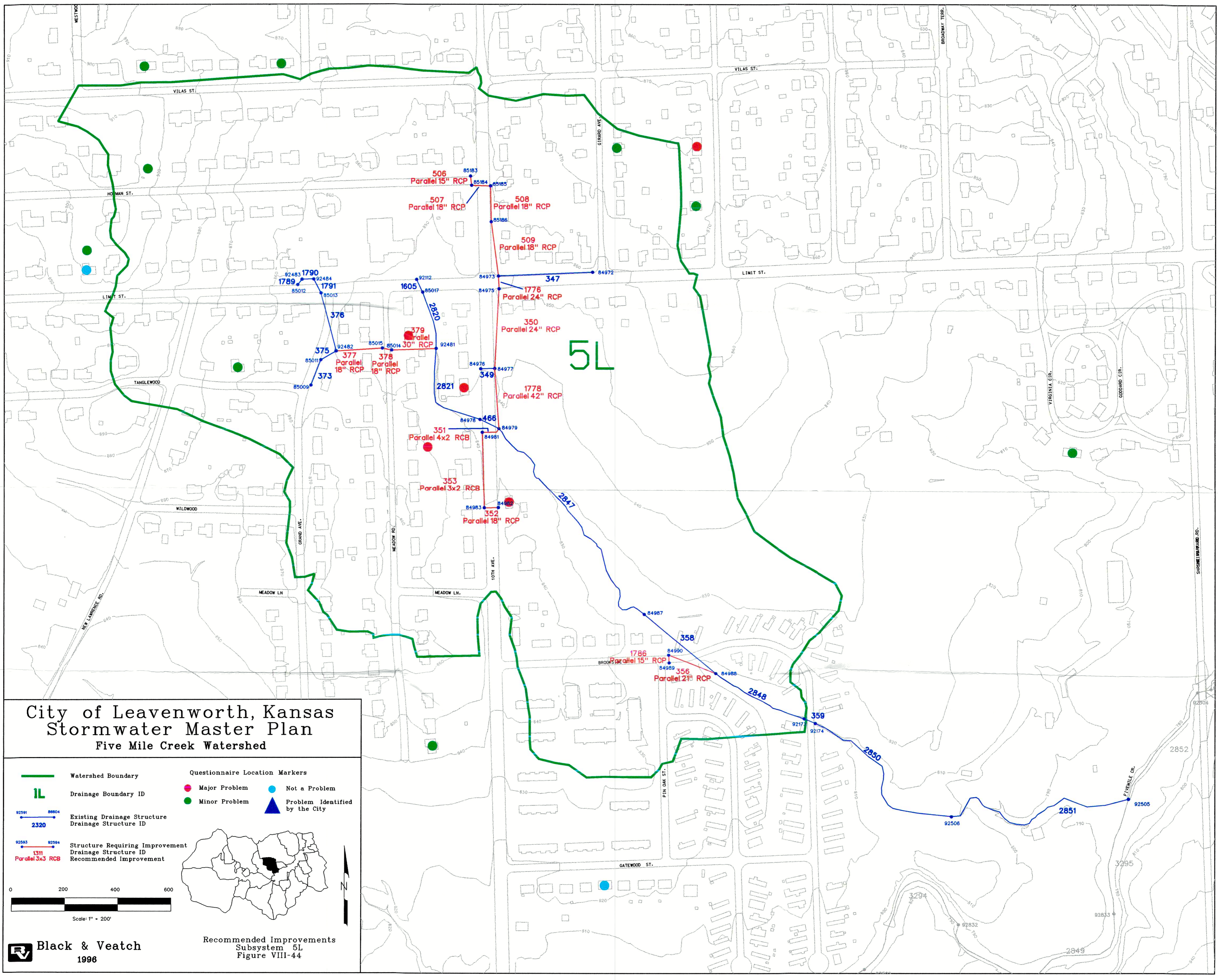
- | | | | | | |
|--|---|---|---------------|---|--------------------------------|
|  | Watershed Boundary |  | Major Problem |  | Not a Problem |
|  | Drainage Boundary ID |  | Minor Problem |  | Problem Identified by the City |
|  | Existing Drainage Structure
Drainage Structure ID | | | | |
|  | Structure Requiring Improvement
Drainage Structure ID
Recommended Improvement | | | | |

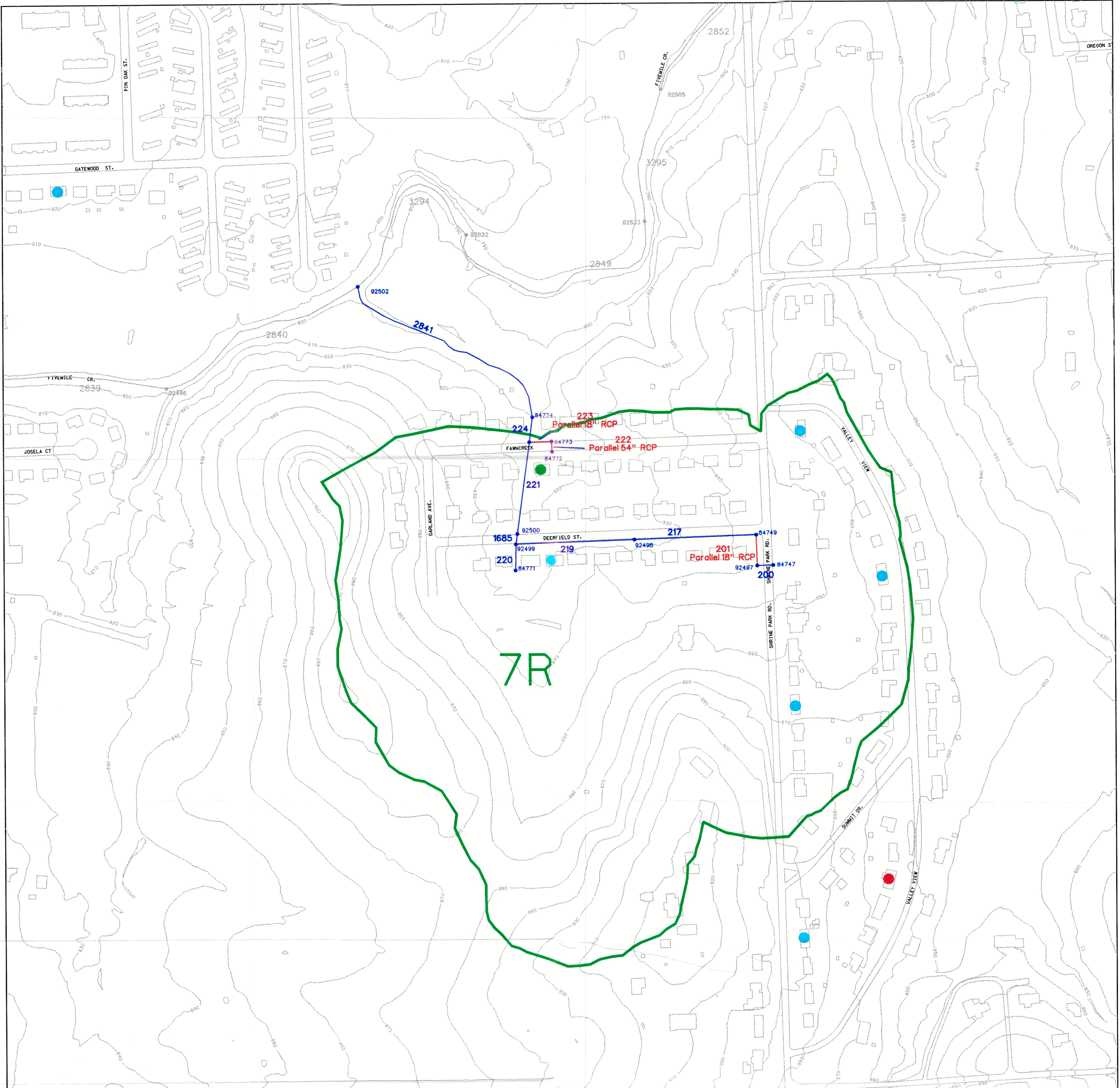


 **Black & Veatch**
1996












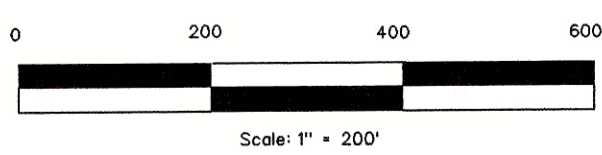
Recommended Improvements
Subsystem 5L
Figure VIII-44

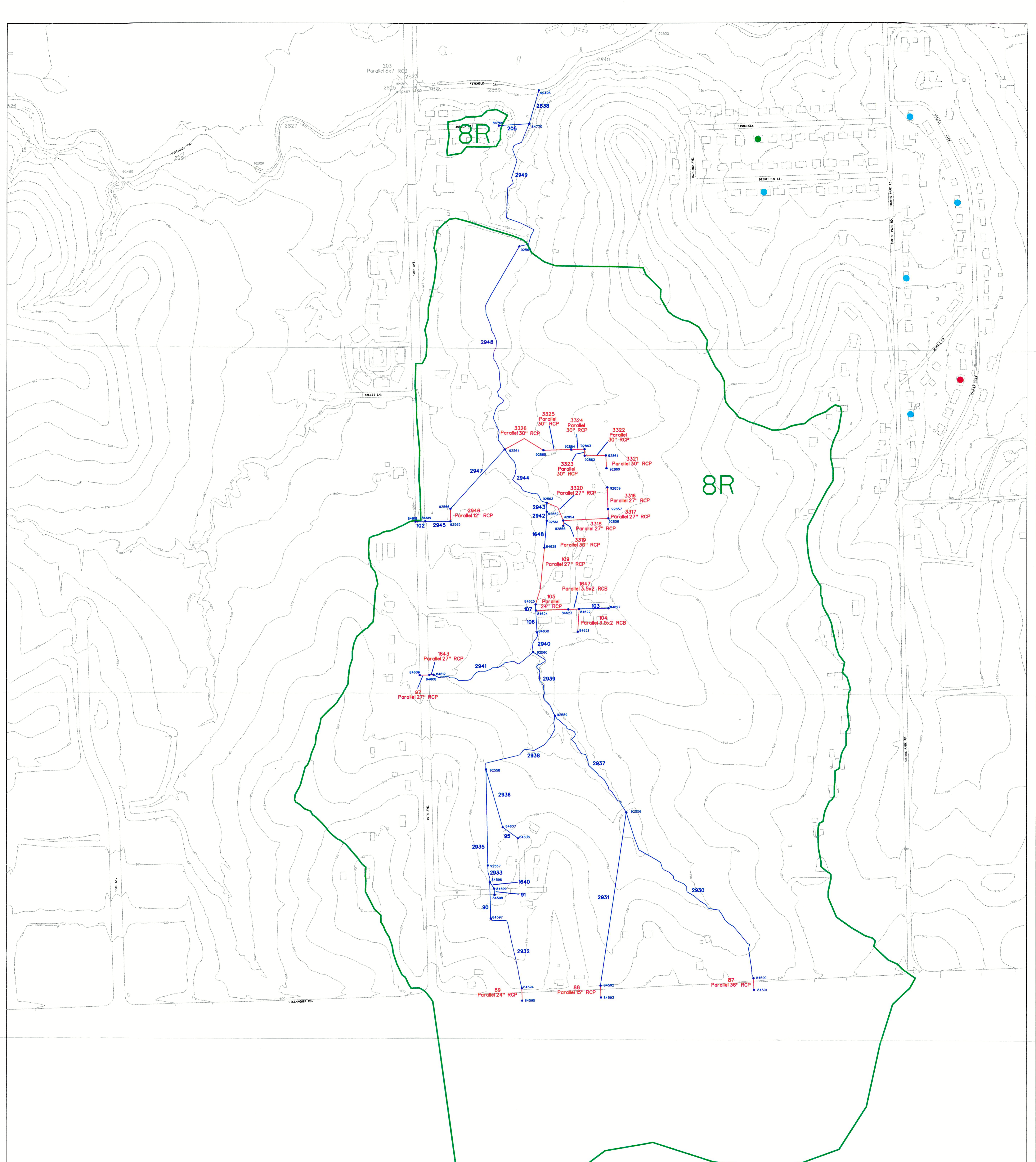




**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

- | | |
|--|--|
|  Watershed Boundary | Questionnaire Location Markers |
|  Drainage Boundary ID |  Major Problem |
|  Existing Drainage Structure
Drainage Structure ID |  Not a Problem |
|  Structure Requiring Improvement
Drainage Structure ID |  Minor Problem |
|  Recommended Improvement |  Problem Identified by the City |



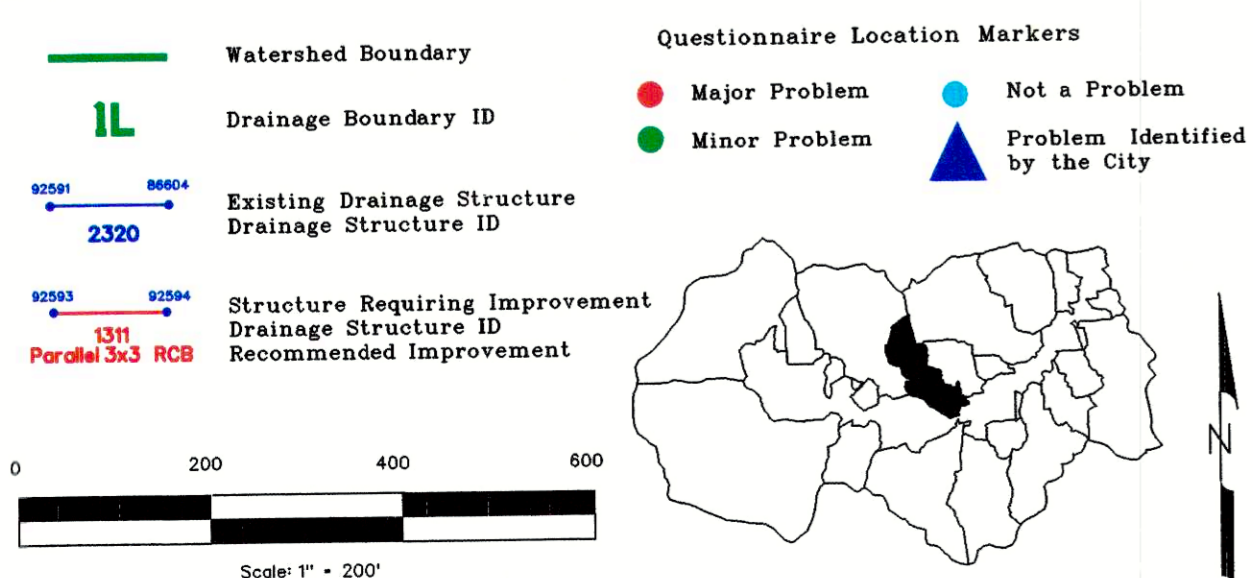


City of Leavenworth, Kansas
 Stormwater Master Plan
 Five Mile Creek Watershed

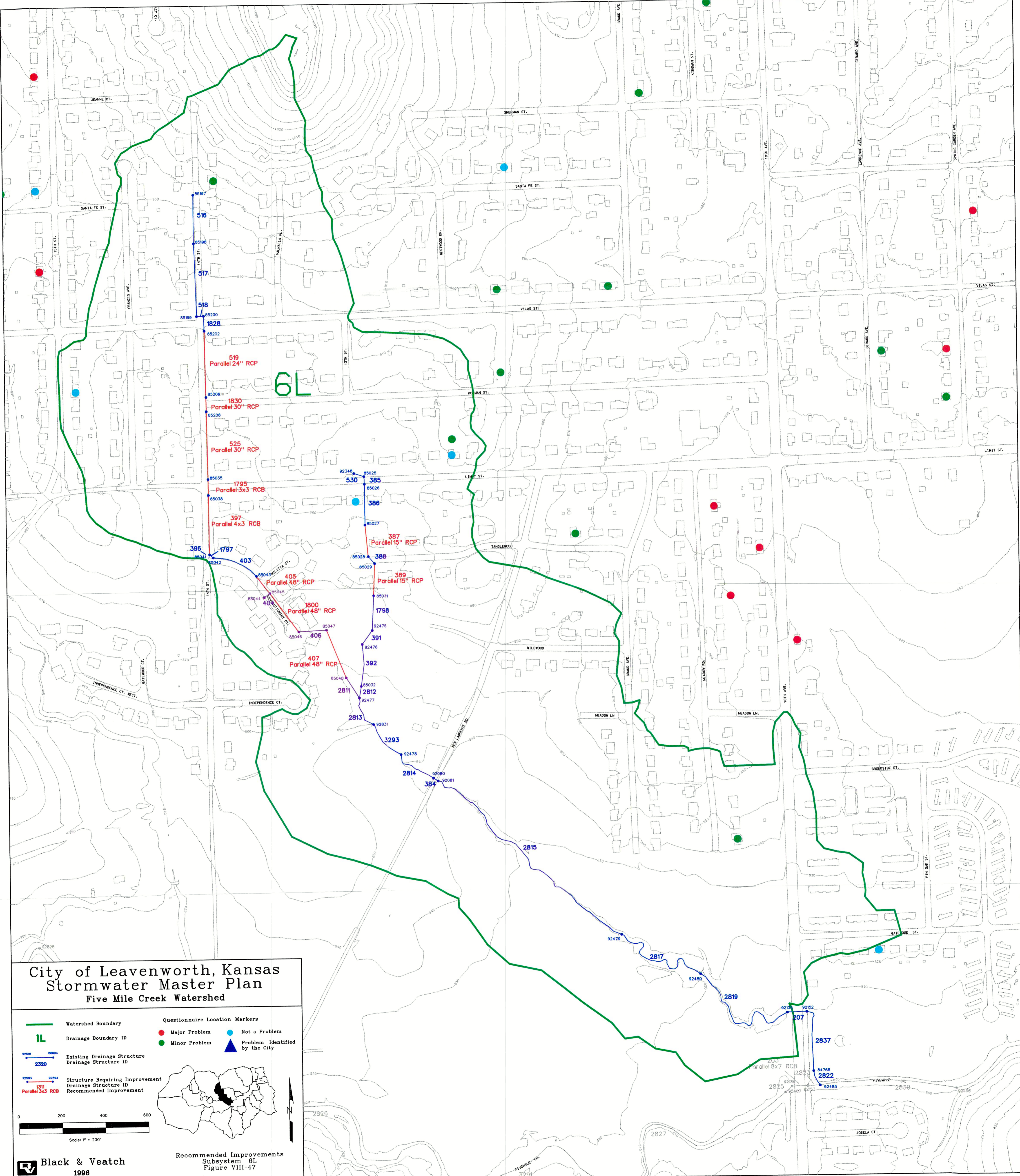
Watershed Boundary	Major Problem	Not a Problem
Drainage Boundary ID	Minor Problem	Problem Identified by the City
Existing Drainage Structure Drainage Structure ID		
Structure Requiring Improvement Drainage Structure ID		
Recommended Improvement		

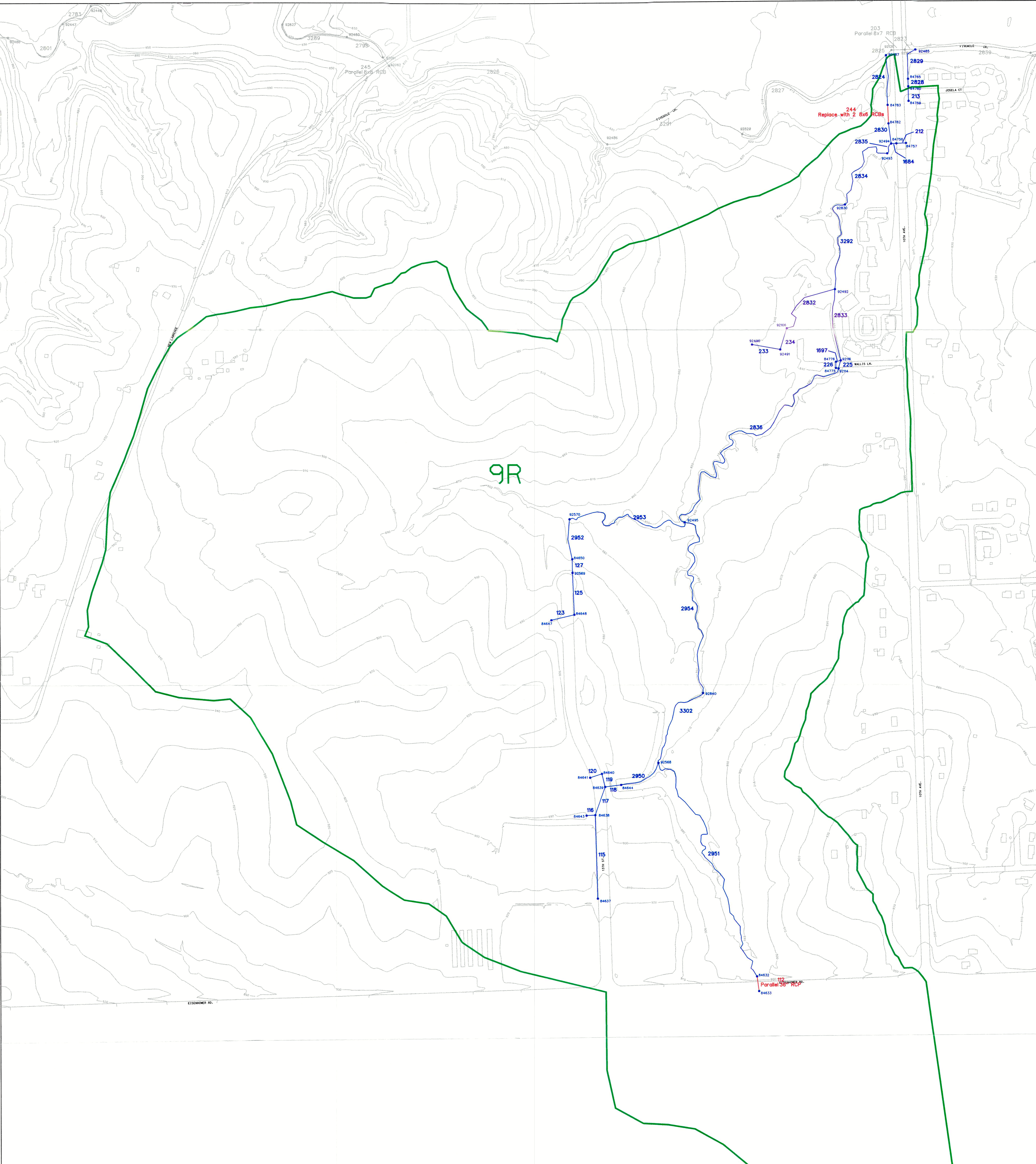
0 200 400 600
 Scale: 1" = 200'

City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed



Recommended Improvements
Subsystem 6L
Figure VIII-47



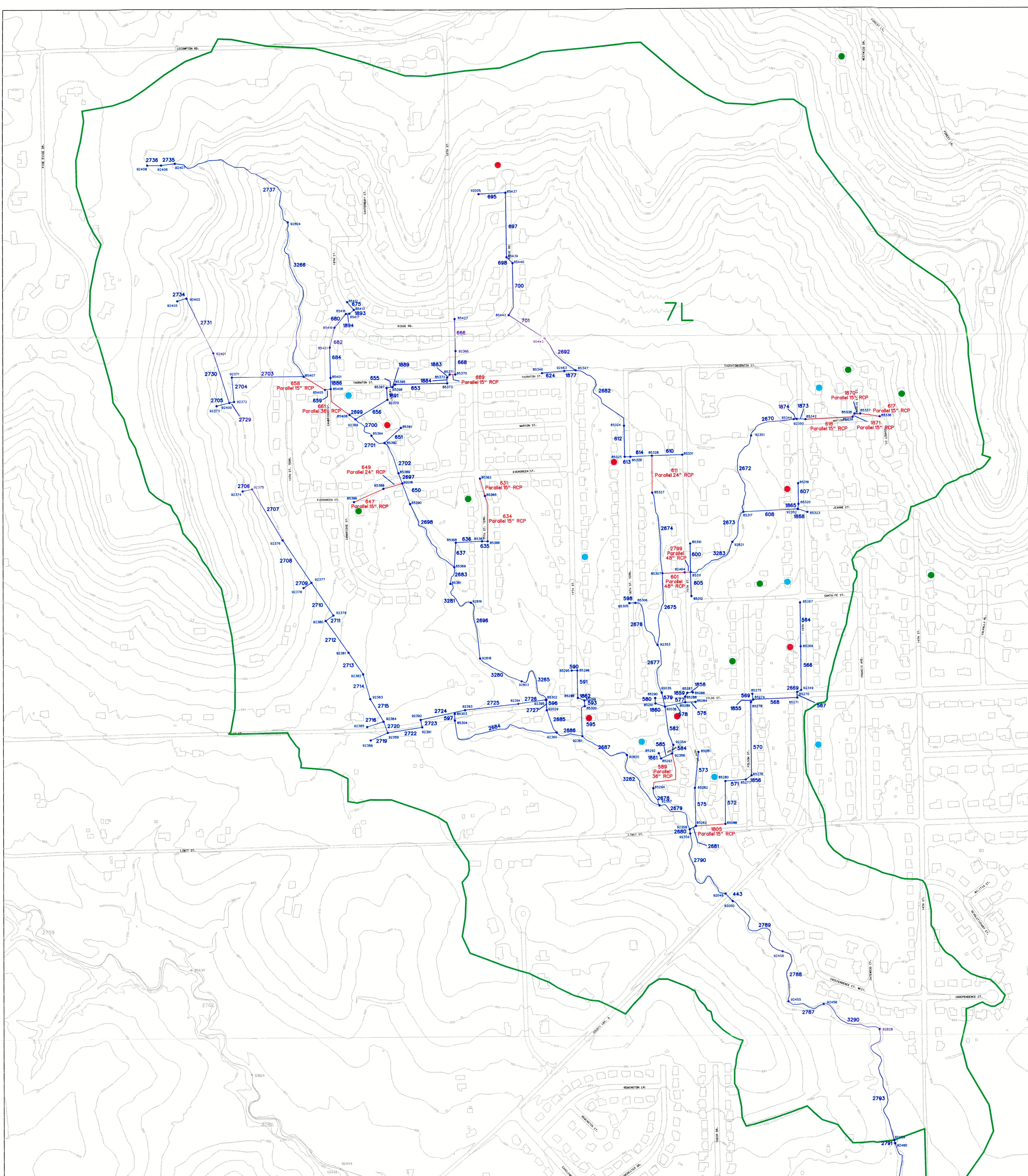


City of Leavenworth, Kansas
 Stormwater Master Plan
 Five Mile Creek Watershed

Watershed Boundary	Major Problem	Not a Problem
Drainage Boundary ID	Minor Problem	Problem Identified by the City
Existing Drainage Structure ID		
Structure Requiring Improvement		
Recommended Improvement		

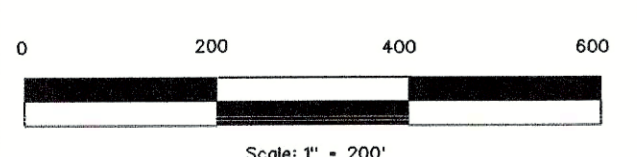
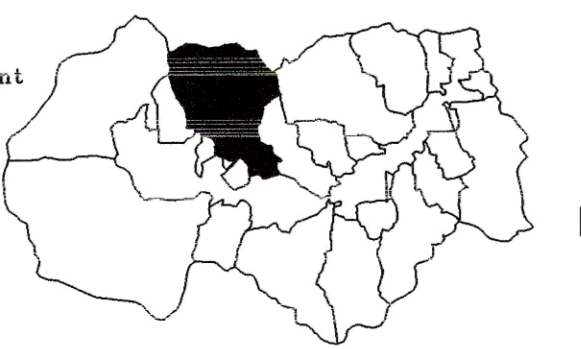
Scale: 1" = 200'

Recommended Improvements
 Subsystem 9R
 Figure VIII-49



City of Leavenworth, Kansas
 Stormwater Master Plan
 Five Mile Creek Watershed








Watershed Boundary	Questionnaire Location Markers
Drainage Boundary ID	Major Problem
Existing Drainage Structure Drainage Structure ID	Minor Problem
Structure Requiring Improvement Drainage Structure ID Recommended Improvement	Problem Identified by the City

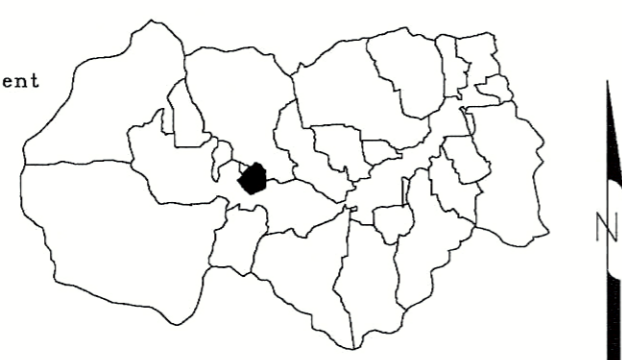
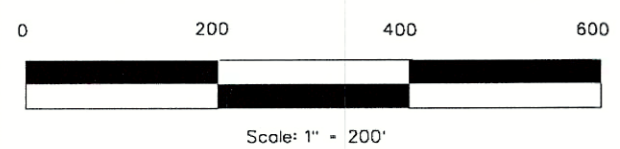



Black & Veatch
 1996

Recommended Improvements
 Subsystem 7L
 Figure VIII-49

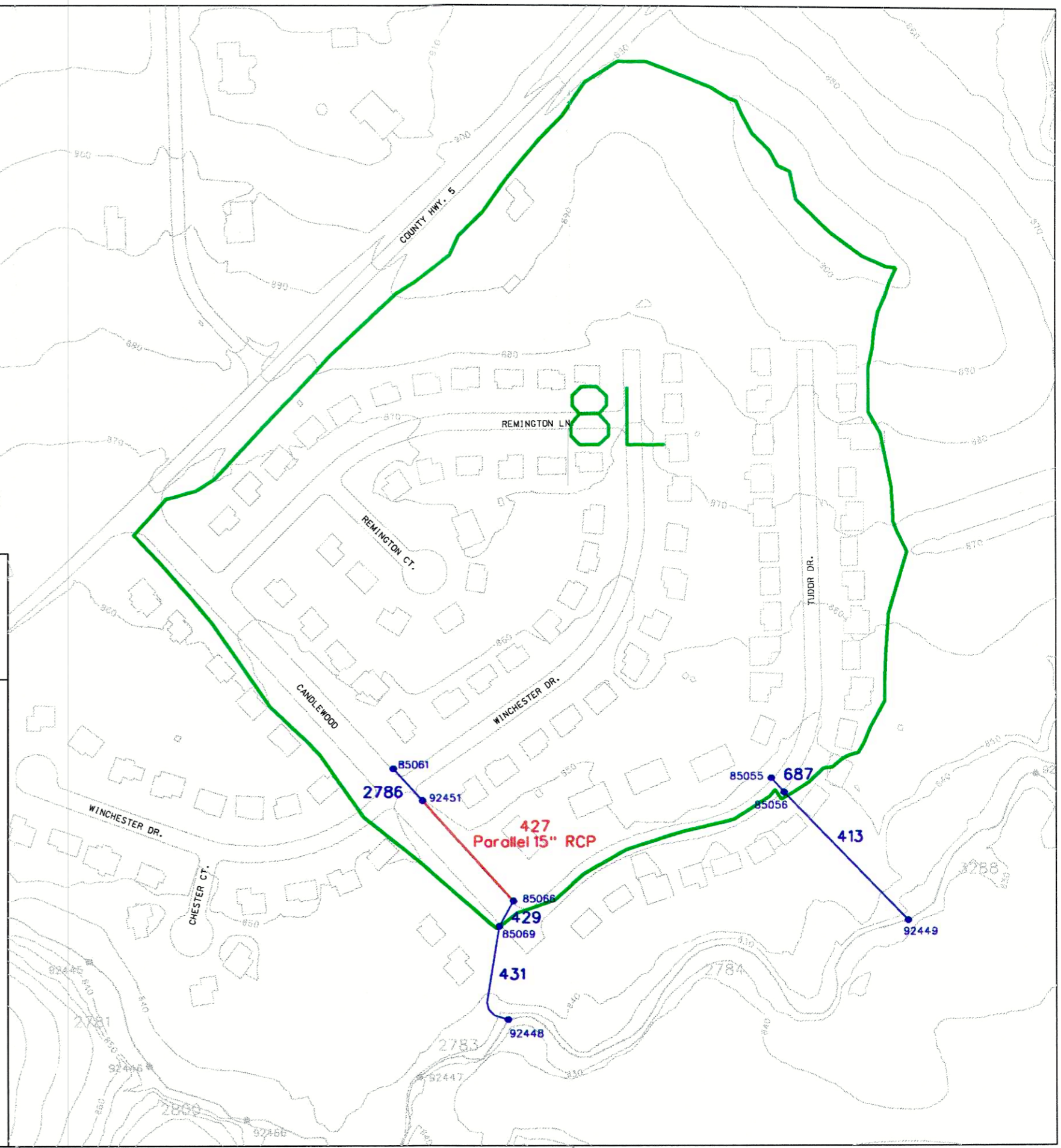
City of Leavenworth, Kansas Stormwater Master Plan Five Mile Creek Watershed

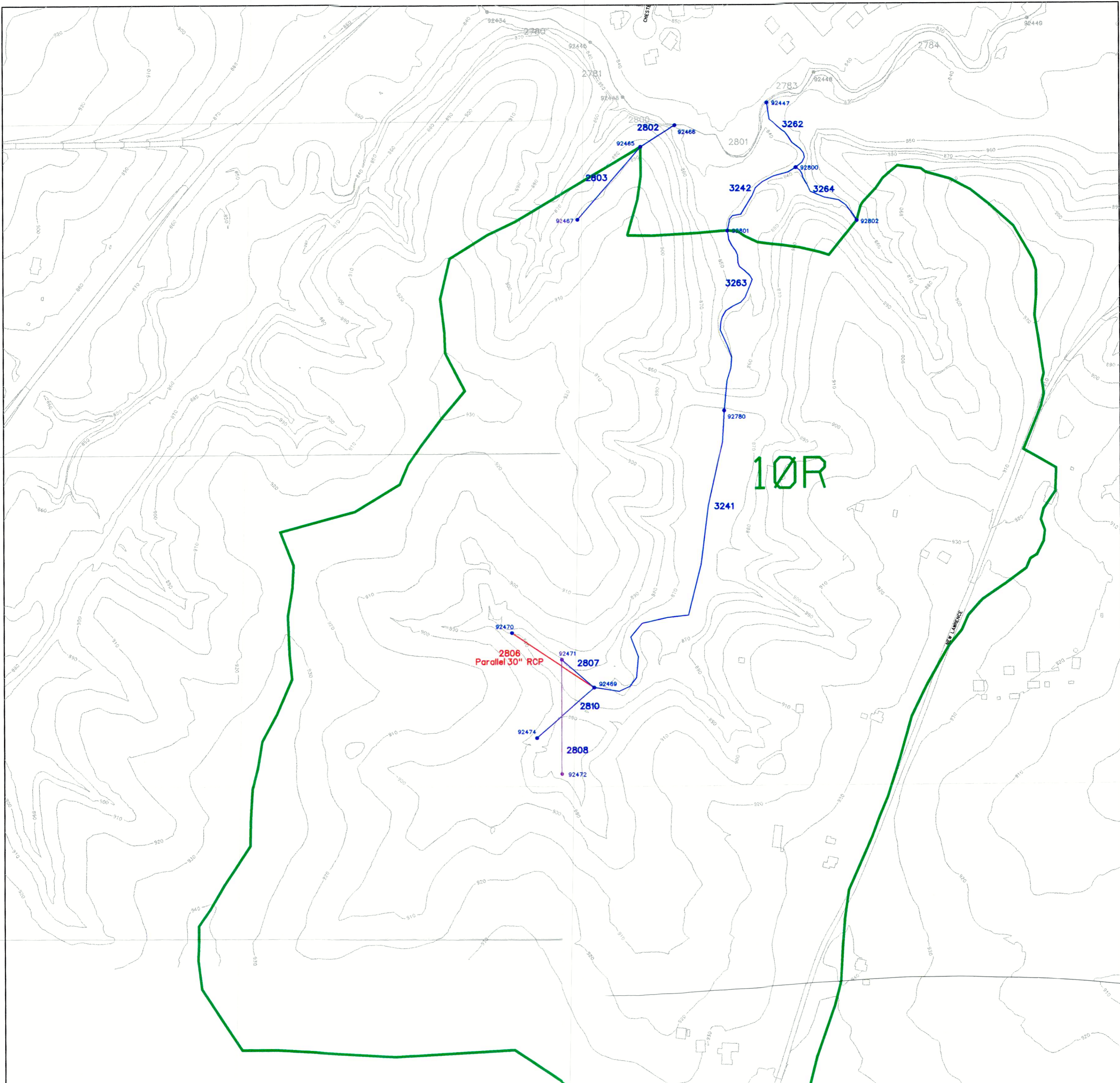
- | | | | |
|---|---|---|-----------------------------------|
|  | Watershed Boundary | Questionnaire Location Markers | |
|  | Drainage Boundary ID |  | Major Problem |
|  | Existing Drainage Structure
Drainage Structure ID |  | Not a Problem |
|  | Structure Requiring Improvement
Drainage Structure ID
Recommended Improvement |  | Problem Identified
by the City |











 **Black & Veatch**
1996

Recommended Improvements
Subsystem 8L
Figure VIII-50




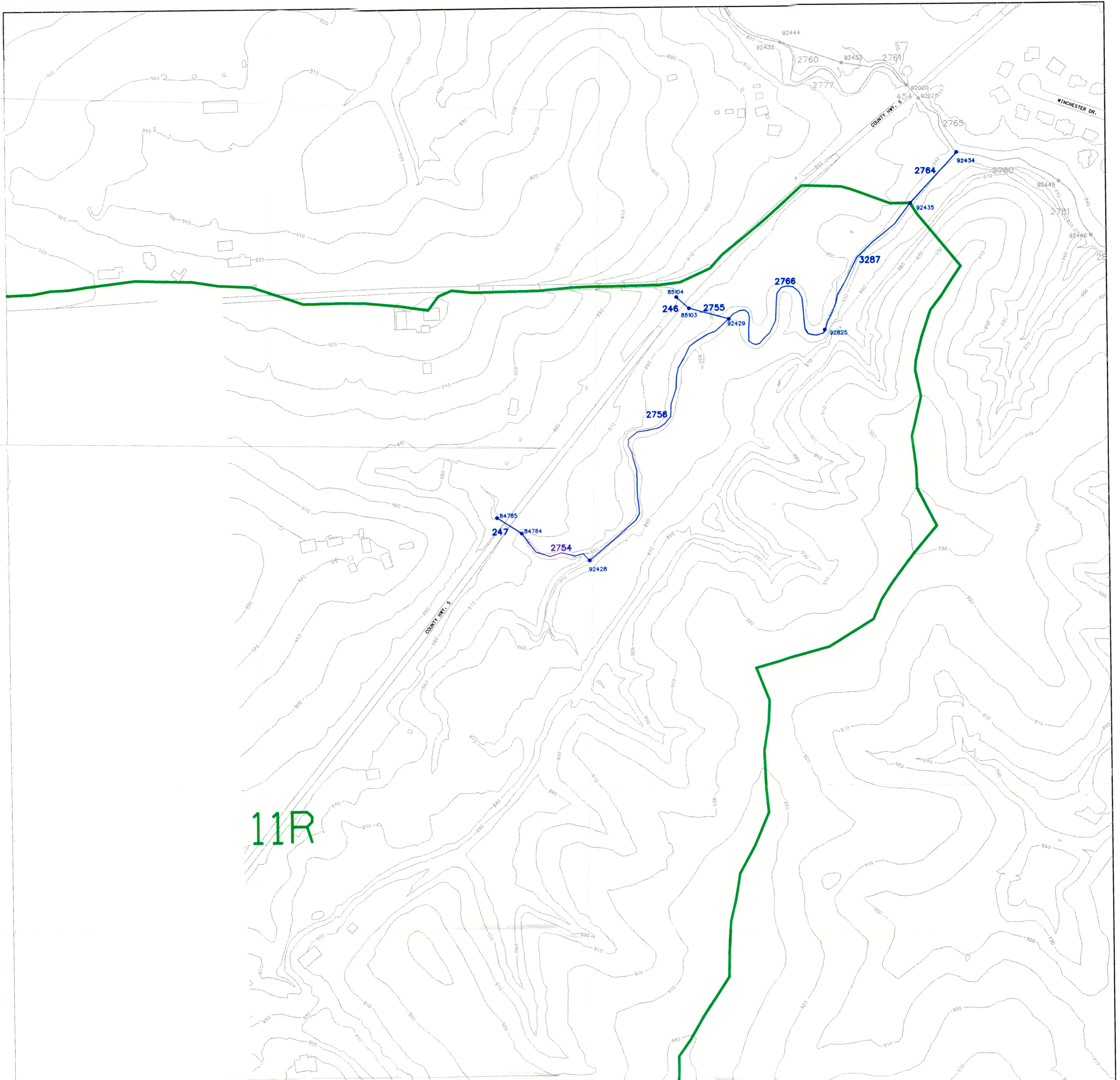


**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

	Watershed Boundary		Major Problem		Problem Identified by the City
	Drainage Boundary ID		Minor Problem		
	Existing Drainage Structure Drainage Structure ID				
	Structure Requiring Improvement Drainage Structure ID				
	Recommended Improvement				









0 200 400 600
Scale: 1" = 200'

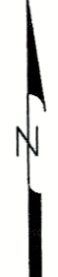
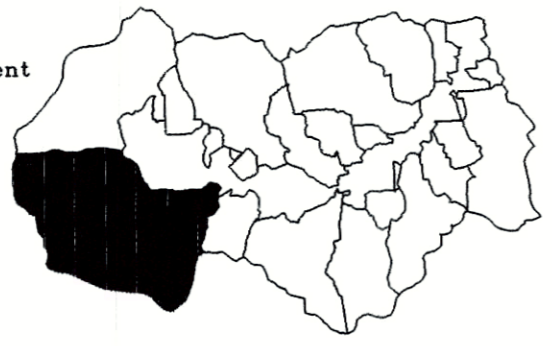
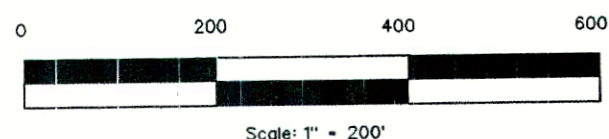


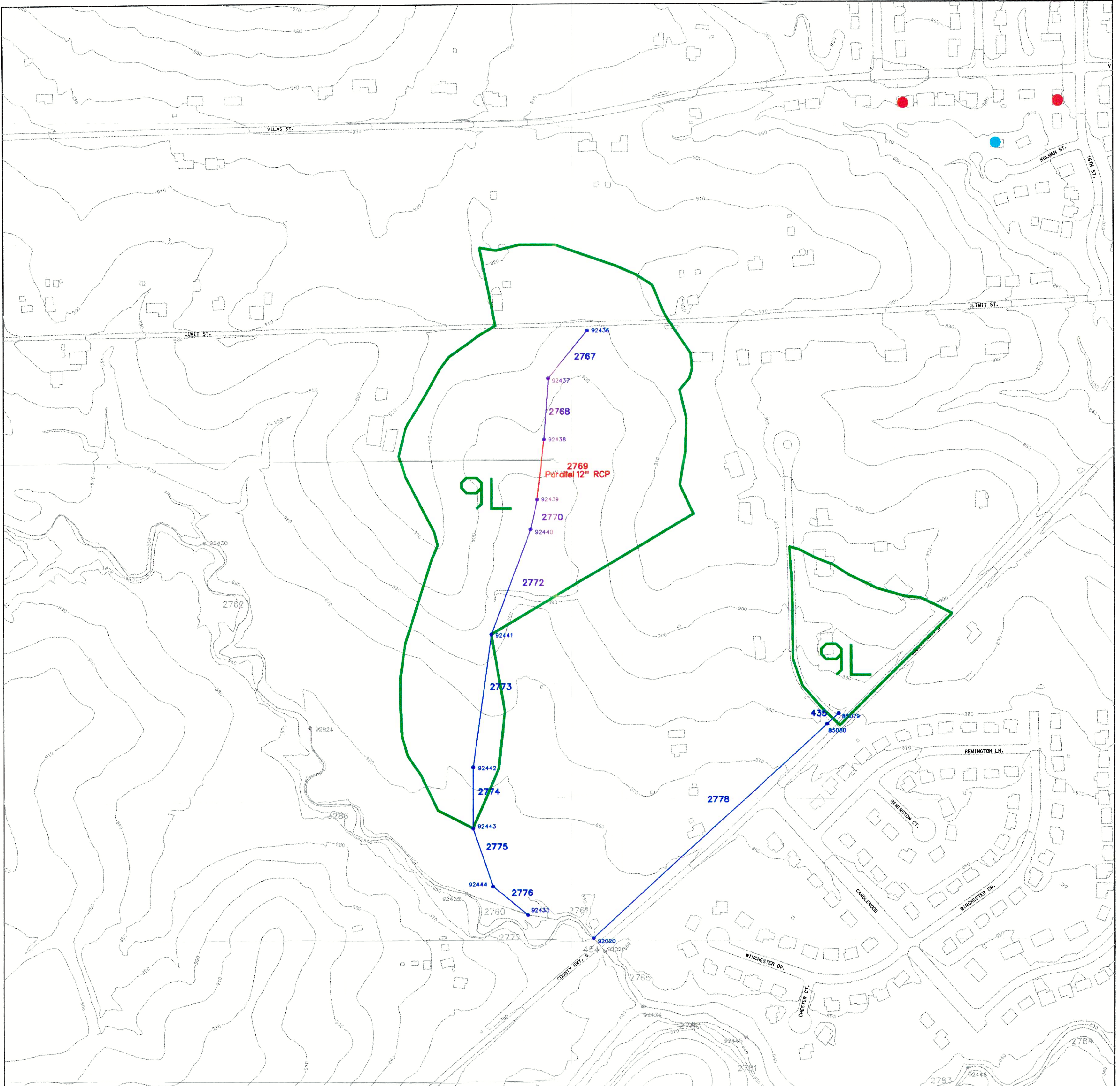


11R

**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

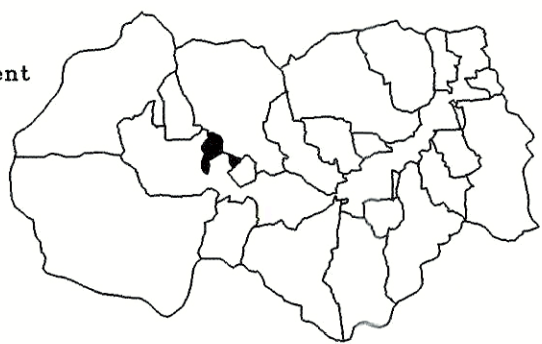
- | | | | | | |
|---|---|---|---------------|---|--------------------------------|
|  | Watershed Boundary |  | Major Problem |  | Not a Problem |
|  | Drainage Boundary ID |  | Minor Problem |  | Problem Identified by the City |
|  | Existing Drainage Structure
Drainage Structure ID | | | | |
|  | Structure Requiring Improvement
Drainage Structure ID
Recommended Improvement | | | | |



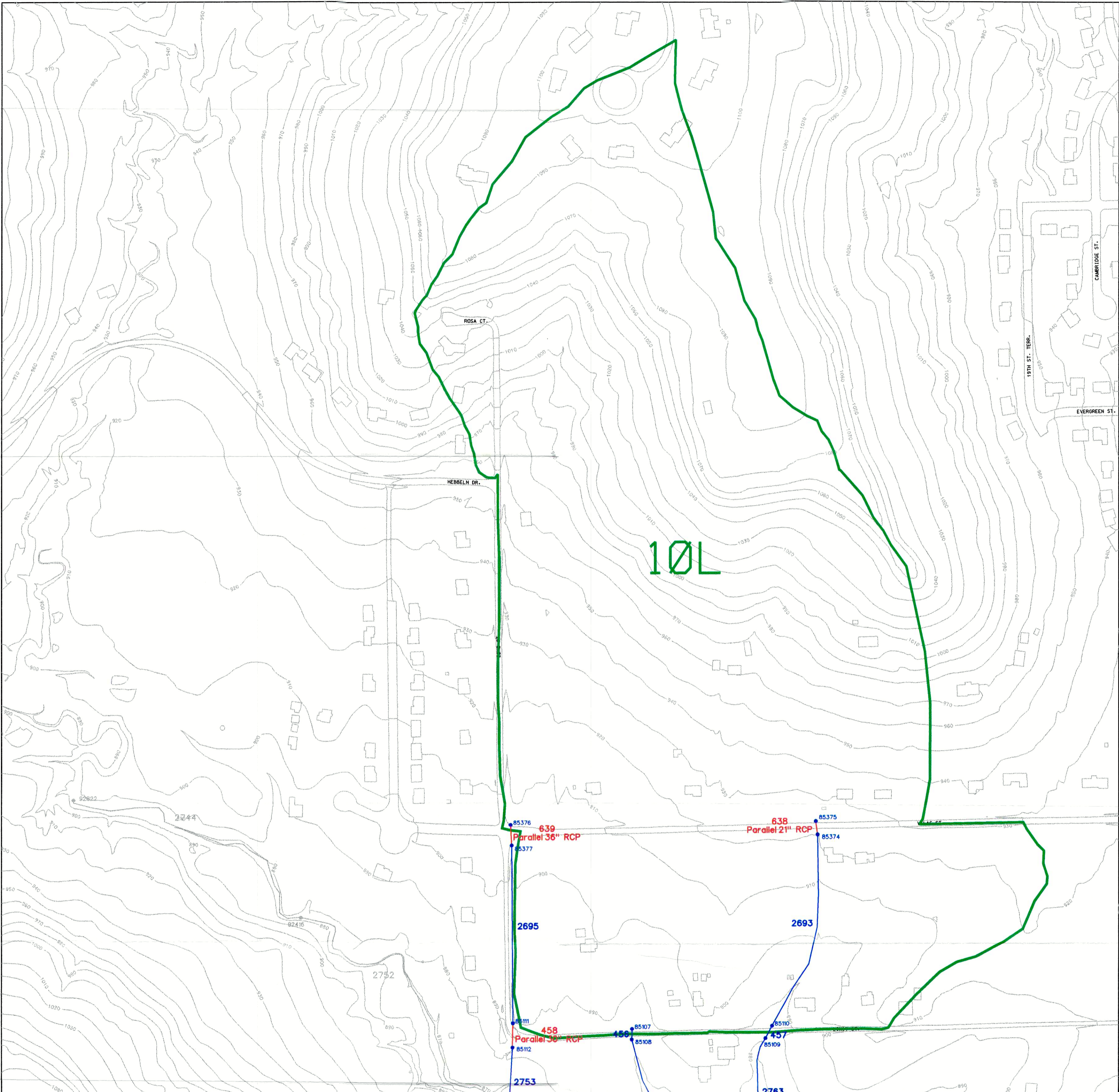


**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**








- | | | | | | |
|--|---|--|---------------|--|--------------------------------|
| | Watershed Boundary | | Major Problem | | Not a Problem |
| | Drainage Boundary ID | | Minor Problem | | Problem Identified by the City |
| | Existing Drainage Structure
Drainage Structure ID | | | | |
| | Structure Requiring Improvement
Drainage Structure ID
Recommended Improvement | | | | |



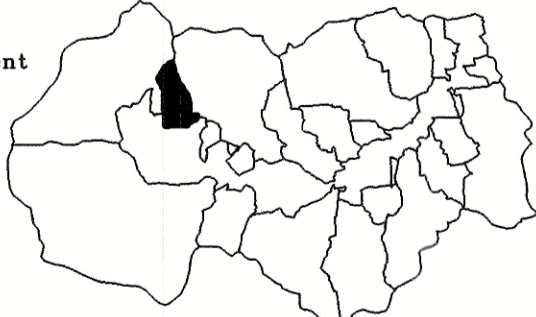
Scale: 1" = 200'

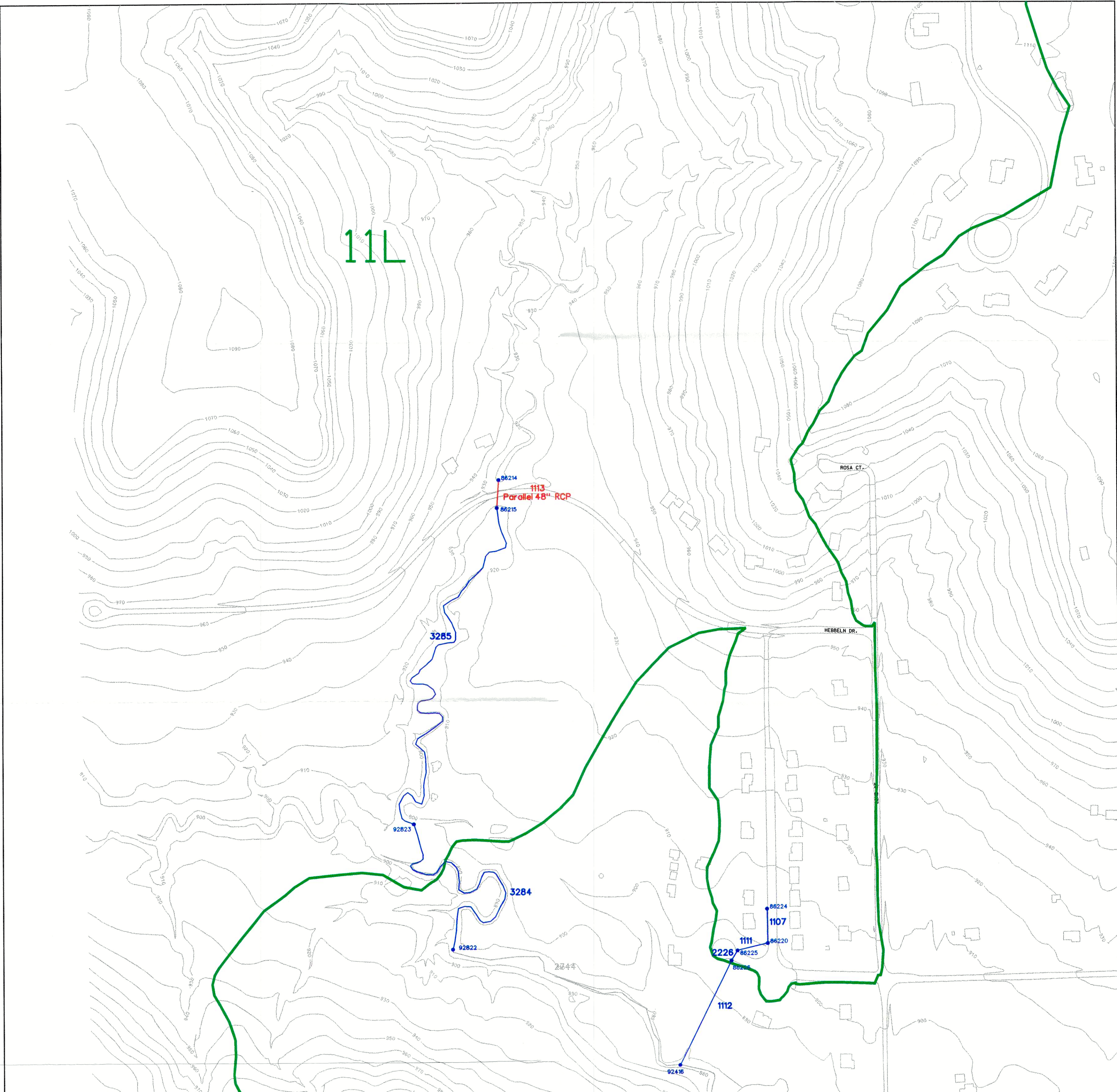


**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**








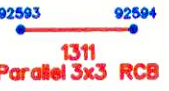
 Watershed Boundary	Questionnaire Location Markers
 Drainage Boundary ID	 Major Problem
 Existing Drainage Structure Drainage Structure ID	 Not a Problem
 Structure Requiring Improvement Drainage Structure ID Recommended Improvement	 Problem Identified by the City

0 200 400 600
Scale: 1" = 200'





**City of Leavenworth, Kansas
Stormwater Master Plan
Five Mile Creek Watershed**

	Watershed Boundary		Major Problem		Not a Problem
	Drainage Boundary ID		Minor Problem		Problem Identified by the City
	Existing Drainage Structure Drainage Structure ID				
	Structure Requiring Improvement Drainage Structure ID Recommended Improvement				

0 200 400 600
Scale: 1" = 200'

