

APPENDIX C

Drainage Concept Checklist

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City of Valley Center Subdivision Drainage Concept Checklist

Submit completed forms to:
City of Valley Center Public Works & Utilities, 545 W Clay, Valley Center KS 67147.

Project Name: _____		
Total Area of Project: _____		acres
Development Type: _____		
Other: _____		
Developer Name: _____		Contact: _____ Phone: _____
Email: _____		
Engineer Name: _____		Contact: _____ Phone: _____
Email: _____		

Directions:

(1) Fill-out this checklist completely and include it with the Drainage Concept submittal. Incomplete Drainage Concept and checklists will not be accepted.
 (2) Indicate whether a plan element is included or not included in the submittal by choosing "Yes" or "No" from the dropdown list in the "Element Included?" column. The question must be answered for every plan element for this checklist to be considered complete. An explanation must be provided for all "No" answers.

Drainage Concept Checklist			
#	Plan Element Description	Element Included?	Explanation/Notes
1.0 General			
1.1	Clear indication of subdivision boundaries.		
1.2	Location, width and name(s) of all existing public or private streets <u>within or adjacent to the tract</u> .		
1.3	Location, width and name(s) of all existing easements, railroad rights-of-way, section lines, corners, monuments, city/county boundary lines and other similarly important features.		
1.4	Contour lines based on NAVD 88 at two foot maximum intervals and extending a minimum of 200 feet beyond the tract boundaries.		
1.5	The date of the property survey.		
1.6	The location, flow direction and name(s) of all perennial and <u>intermittent watercourses</u> .		
1.7	Natural and manmade features such as rock outcroppings, wetlands, lakes, sewage disposal facilities, water wells, wooded areas and tree rows.		
1.8	Storm sewers and culverts located in the tract, on adjacent properties and rights-of-way. Include the structure type, horizontal location, flow direction and size.		
1.9	Location, elevation and description of the benchmark controlling the vertical survey.		
2.0 Proposed Subdivision			
2.1	Location, width and name(s) of all proposed streets.		
2.2	Proposed lots showing lot boundaries on all sides.		
3.0 Preliminary Hydrologic Analysis			
3.1	Topographic map showing on-site and off-site drainage areas for predeveloped conditions. Use City/County LIDAR data.		
3.2	Proposed use of existing drainage features, showing those that will be removed and those that will remain after final plat is recorded.		
3.3	Location and type of proposed stormwater conveyance system and peak discharge control facilities. Components shall be clearly labeled with basic descriptions (e.g., concrete pipe, channel, detention pond, etc.).		
3.4	Location and type of proposed stormwater quality management facilities. Facilities and related components shall be clearly labeled with basic descriptions (e.g., bioretention, wet pond, etc.).		
3.5	Location and type of proposed water quality volume reduction areas.		
3.6	Drawing and note showing all stormwater management facilities <u>that will be placed in reserves</u> .		
3.7	Reserve areas shown with adequate width and location/area for access and maintenance.		
3.8	Areas of overland flow. Indicate the boundaries and flow direction in such areas.		
3.9	FEMA floodway and floodplain boundaries and base flood elevations.		

End of Checklist