Curb Inlet Notes

General
1. Overland Park Municipal Code (OPMC) and Overland Park Design and Construction Standards Manual (OPDCM) are incorporated, except as otherwise noted.
2. All storm sewer structures shall be precast or poured in place. Pipe and structural components used in the basin shall be provided to ensure that all components fit together properly. The basin shall be constructed to fit the finish site conditions, as determined by the City Engineer.
3. Permissible area drawings are to be approved by the City Engineer for public review or any maintenance subsequent to approval. Permissible area drawings for publicly financed projects are to be submitted to the Engineering Services Division of the Planning and Development Department for review.
4. Do not scale linear dimensions for drawings or elevations. Any questions regarding dimensions shall be brought to the attention of the City Engineer prior to construction.
5. Gutter and drain contents shall conform to the street grade and storm sewer shall be level.
6. The final dimension noted in the construction notes is the "x" dimension. The second dimension is the "x" dimension. The concrete thickness and reinforcement size is for the base with either of these calculations greater than 20%, a design check shall be required.

Concrete
7. Concrete used in this work shall be KINBERK or approved by the Kansas City Metropolitan Department Board, an seal shall meet the requirements of the KCD.
8. Basalt floors shall be placed with non-reinforced concrete invert to provide smooth flow.
9. Bevel of excavated edges with 4" concrete meandering.
10. Reinforcing steel shall be new billet, minimum grade 40 as per ASTM A615, and shall be bent coil.
11. All dimensions relative to reinforcing steel are concentric of forms. All dimensions shall be provided throughout unless otherwise noted. Tolerances of ±±½ shall be permitted.
12. All rebar shown or required shall be a minimum of 0.05 in. diameter in weight.
13. All reinforcing steel shall be supported on fabricated steel bar supports @ 2′ maximum spacing.
14. All downs flows shall be accurately paced and secured to protect against movement due to construction. Clipping of streets into basins or partially removed concrete will not be acceptable.

Construction
15. The bottom width shall be at least 24 hours after placing fresh concrete. No closed control at or around the edge of the construction site is required to allow a minimum of 24 hours after Sidewalks are poured before removing. After removal shall be immediately treated with moisture and any necessary.
16. All curb sections shall be constructed when final curbing line has been approved by the City Engineer prior to construction, or as directed by the City Engineer.
17. Pipe connections to precast structures shall have a minimum of 1.5" of concrete around the entire joint. The minimum wall thickness of a structure shall be a minimum of 4". Minimum of 4" drainage is required between the adjacent edge and the edge of black asphalt.
18. Top edge shall be used around structures, except under paved areas. Top grade shall be trenched shallow and run, except along concrete, and then connected to appropriate outlet.
19. Applicable Federal Law is required under any portion of street right of way, including the area within existing or future public street pavement and under existing or future gutters, as determined by the City Engineer.
20. Street footings shall be 7.5" or 8" thick. The entire frame and lip do not contact accordance with AASHTO M-122.