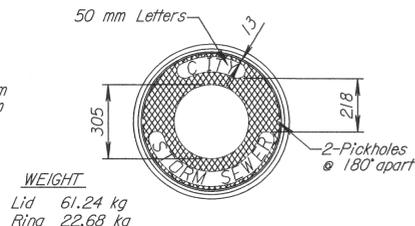
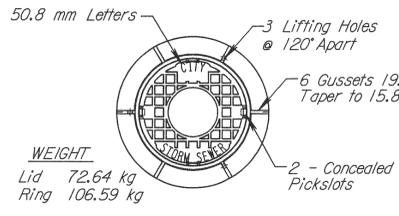
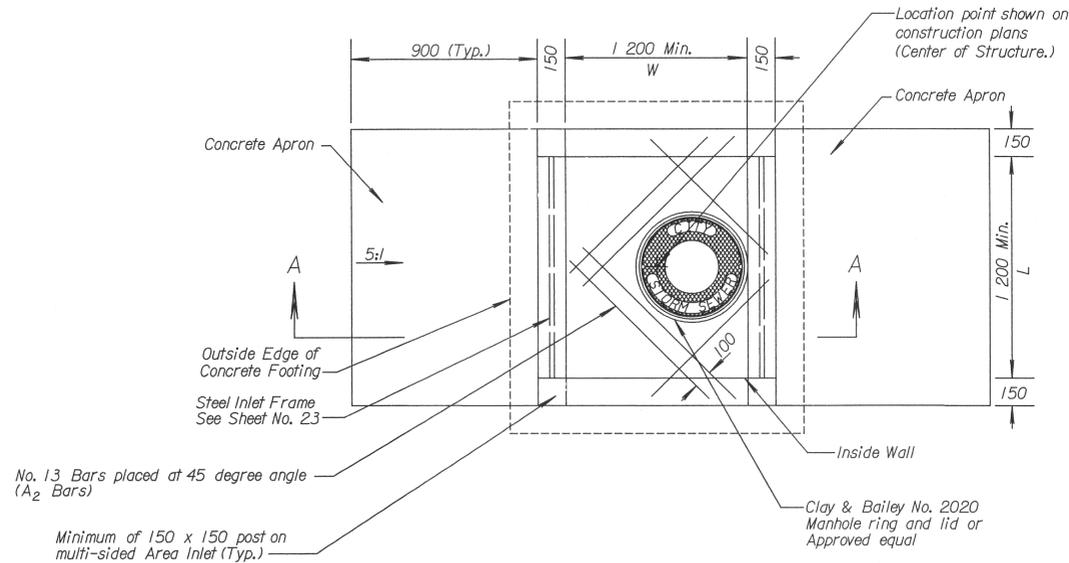


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	52 U-1785-01	2003	24	143

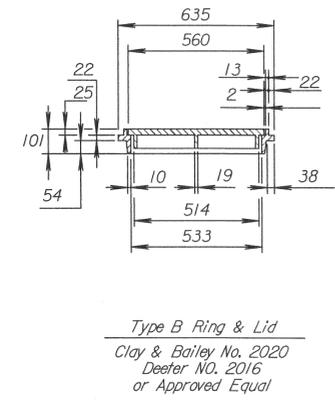
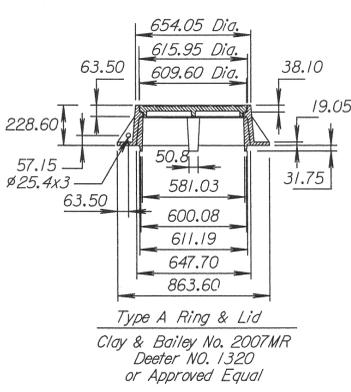
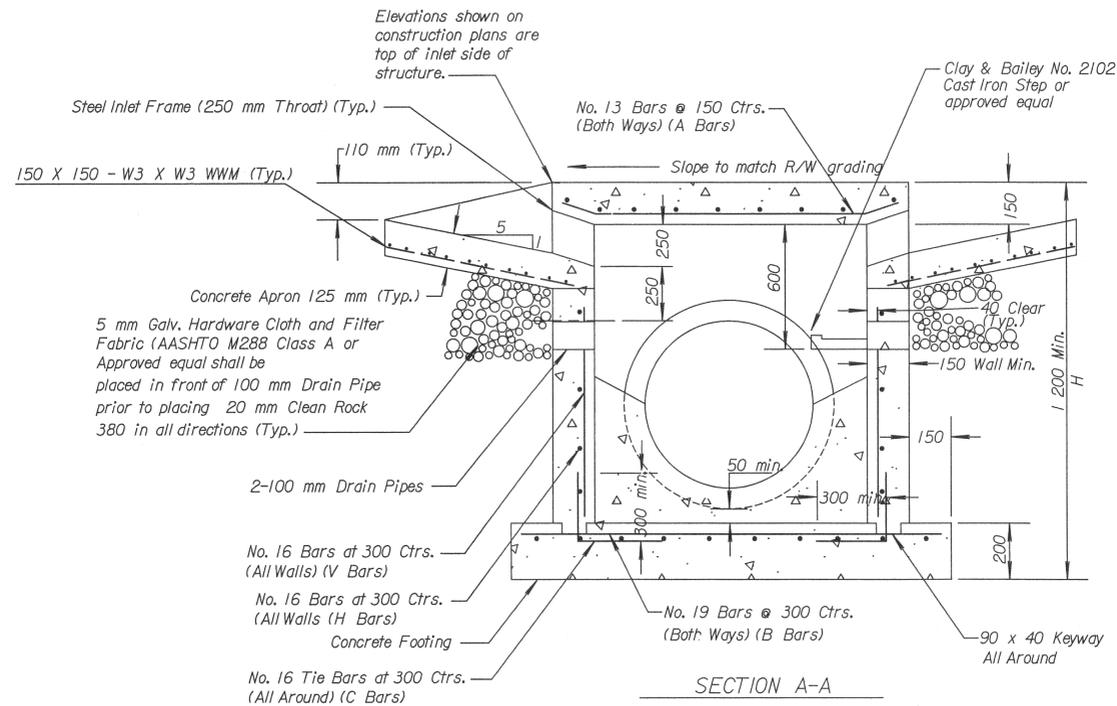
DATE	BY
9-01	M. Adams
11-01	R. Stegman

REFERENCES NOTED	REFERENCES CHECKED



AREA INLET NOTES

- Use Grade 25 Concrete (AE) throughout.
- The first dimension listed in the construction notes is the "L" dimension. The second dimension is the "W" dimension.
- Floor of inlet shall be shaped with non-reinforced Grade 25 Concrete (AE) invert to provide smooth flow.
- Expansion joints shall be either hot or cold poured joint sealing compound, or premolded expansion joint filler.
- Steel inlet frame spacers shall be placed at equal spacings not to exceed 1.2 m.
- Cast iron steps to be Clay & Bailey 2102 or approved equal. Steel core, plastic coated steps may be used (M.A. Ind., Inc. No. PS1-PF, PS2-PF, or approved equal). Cast iron steps shall be spaced at 406 mm O.C. vertically. The distance from the last step to the top of concrete invert should be a maximum of 610 mm.
- Bevel all exposed edges with 20 mm triangular molding.
- All storm sewer structures shall be precast or poured in place. If precast structures are used, the tops shall be poured in place and the wall steel shall be left exposed to a height 50 mm below the finish top elevation, or as directed by the Engineer. Precast shop drawings are to be approved by the Engineer.
- All concrete used in this work shall meet the applicable requirements of Standard Specifications for State Road and Bridge Construction, Kansas Department of Transportation, latest edition, and KDOT Special Provisions.
- Reinforcing steel shall be new billet, minimum Grade 300 as per ASTM A615M, and shall be bent cold.
- All dimensions relative to reinforcing steel are to centerline of bars. 40 mm clearance shall be provided throughout unless noted otherwise. Tolerance of +/- 3 mm shall be permitted.
- All lap splices not shown shall be a minimum of 40 bar diameters in length.
- All dowels shall be accurately placed and securely tied in place prior to placement of bottom slab concrete. Sticking of dowels into fresh or partially hardened concrete will not be acceptable.
- All reinforcing steel shall be supported on fabricated steel bar supports @ 900 mm maximum spacing.
- Do not scale these drawings for dimensions or clearances. Any questions regarding dimensions shall be brought to the attention of the Engineer prior to construction.
- The bottom slab shall be at least 24 hours old before placing sidewall concrete. All sidewall forms shall remain in place a minimum of 24 hours after sidewalls are poured before removal, and after removal shall be immediately treated with membrane curing compound.



MANHOLE COVER

Not to Scale

- Manhole Cover Notes:
- Raised surfaces shall be cast as non-skid finish.
 - For public systems only.
 - Mud ring is optional.
 - Paint is optional unless specified.

NOTE: See Schedule of Inlets and Manholes for Individual Inlet Dimensions For Inlets Exceeding 2 700 H (Height), Wall Reinforcement (V, H and C Bars) Shall be No. 19 Bars.

Plotted: 4/6/2004
Drawn By: r.stegman
File: P:\0154\0154I Area Inlet.dgn