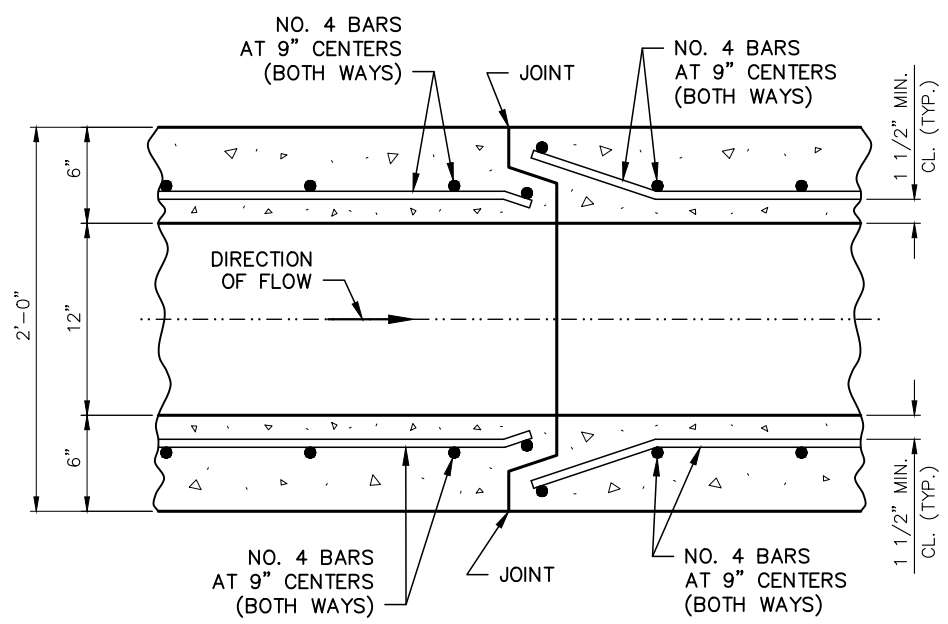
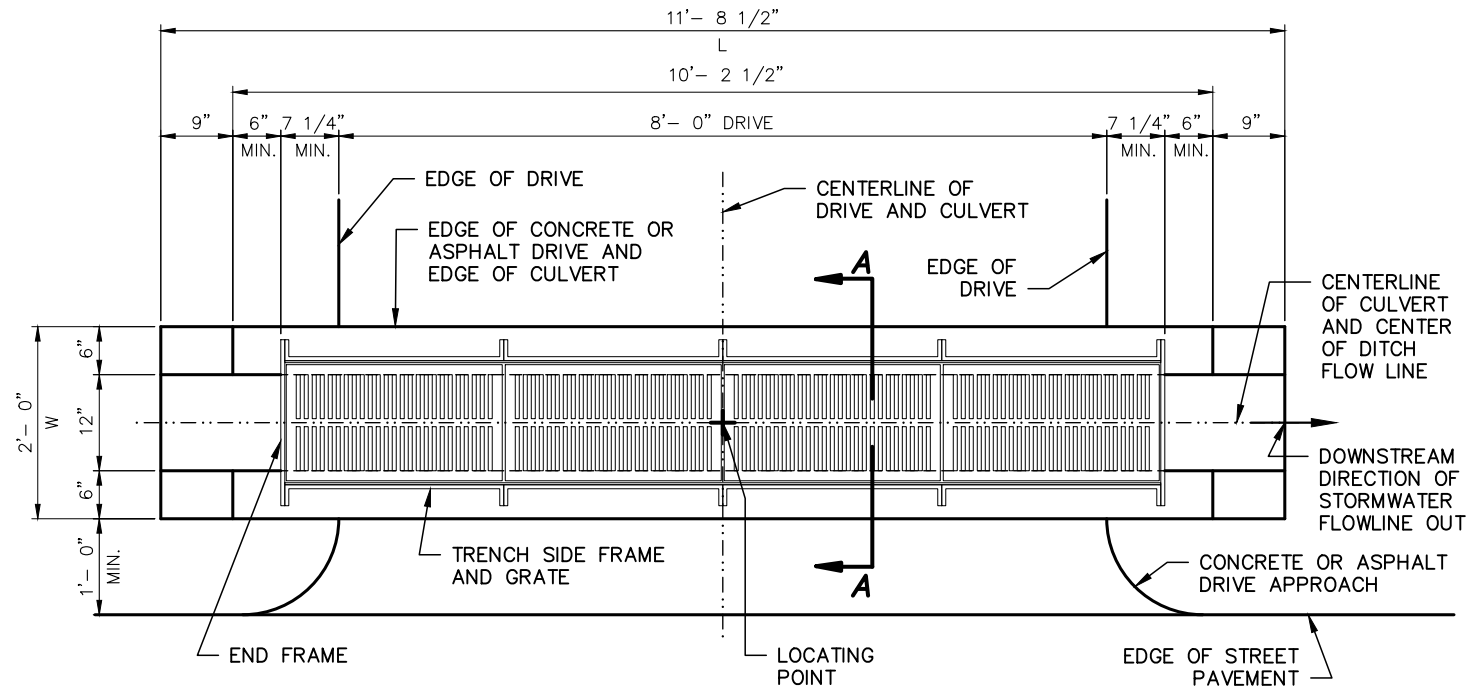


18 January 2022 MONOCHROME.CTB KIPPER, BRIAN \\W63-TRITON\PLANNING\DESIGN DRAFTING\KCMO\STANDARD & SPEC DRAWINGS\STORMWATER\STORMINLET-GRATEDetails\DCG.DWG

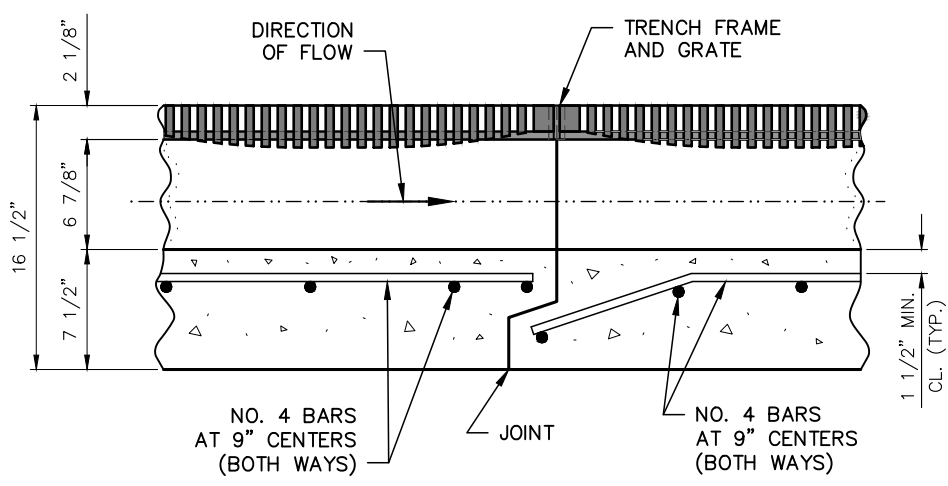


**JOINT DETAIL - PLAN VIEW**  
SCALE: 1" = 1'- 0"

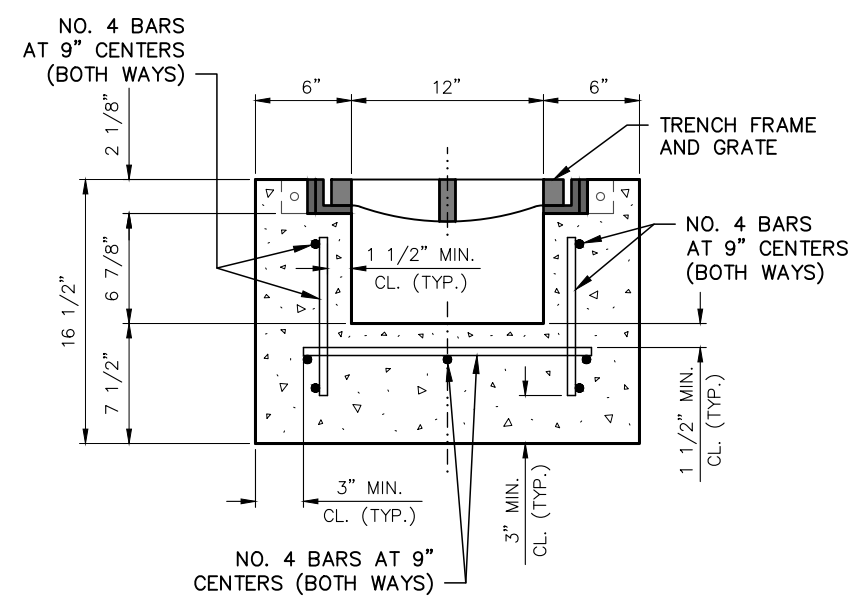


**DRIVE CULVERT GRATED - PLAN VIEW**  
SCALE: 1/2" = 1'- 0"

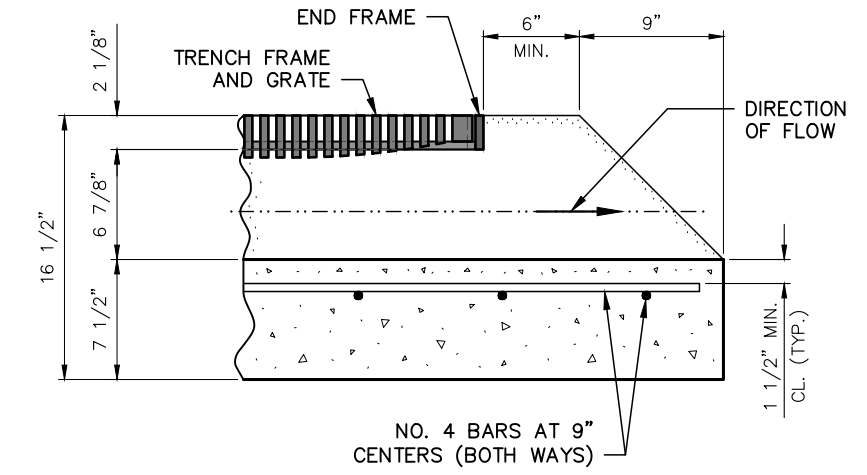
- NOTES:**
1. ALL WORK SHALL MEET THE REQUIREMENTS OF APWA-KCMO 2600.
  2. LAP ALL LONGITUDINAL BARS 12" AT SPLICE.
  3. BEVEL ALL EXPOSED EDGES AT CULVERT ENDS WITH 3/4" CHAMFER OR 1/2" TOOLED EDGE.
  4. REINFORCING STEEL SHALL BE NEW BILLET, MINIMUM GRADE 40 AS PER ASTM A615, AND SHALL BE BENT COLD. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.
  5. ALL DIMENSIONS RELATIVE TO REINFORCING STEEL ARE TO CENTERLINE OF BARS. 2" CLEARANCE SHALL BE PROVIDED THROUGHOUT UNLESS NOTED OTHERWISE. TOLERANCE OF +/- 1/8" SHALL BE PERMITTED.
  6. BACKFILL BENEATH AND ON EITHER SIDE OF STRUCTURES SHALL BE CLASS II GRANULAR BACKFILL MATERIAL CONFORMING TO ASTM D2321.
  7. THE STRUCTURE ELEVATION SHOWN ON THE PLANS IS THE TOP SURFACE OVER EACH END.
  8. LENGTHS OVER 10 FEET SHALL HAVE MANUFACTURED JOINT AS SHOWN IN DETAIL.
  9. ENDS OF STANDARD 10 FOOT CULVERTS OR OPPOSING ENDS OF LONGER CULVERTS SHALL BE SLOPED AS SHOWN.
  10. GRATES SHALL BE CLAY AND BAILEY 2156 OR APPROVED EQUAL.
  11. FRAME SIDES AND ENDS SHALL BE CLAY AND BAILEY 2156 OR APPROVED EQUAL.
  12. ALL CULVERTS MUST BE PRECAST.
  13. ALL CONCRETE SHALL BE 4,000 PSI MINIMUM.
  14. A 1/2" JOINT FILLER SHALL BE PLACED BETWEEN ADJOINING CONCRETE SURFACES AND CULVERT.



**JOINT DETAIL - PROFILE VIEW**  
SCALE: 1" = 1'- 0"



**SECTION A - A**  
**DRIVE CULVERT GRATED - SECTION VIEW**  
SCALE: 1" = 1'- 0"



**END OF DRIVE CULVERT GRATED - PROFILE VIEW**  
SCALE: 1" = 1'- 0"

DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS OR CLEARANCES. ANY QUESTIONS REGARDING DIMENSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY PRIOR TO CONSTRUCTION.

NO.	DATE	BY	NATURE
REVISIONS			

**DRIVE CULVERT GRATED**  
**DETAILS**

WATER SERVICES  
CITY OF KANSAS CITY, MISSOURI

DEVELOPED BY: STORMWATER STANDARDS

DRAWING NO. **DCG**  
APPROVED BY: \_\_\_\_\_  
DATE: 1/18/2022

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