

GENERAL NOTES:

1. SEE REINFORCING STEEL SCHEDULE IN GENERAL, INLET REINFORCING STEEL SHALL BE #4 BARS ON 12" CENTERS BOTH WAYS FOR GUTTER, BOTTOM SLAB ENDS, FRONT AND BACK WALLS, AND #4 BARS ON 6" CENTERS BOTH WAYS FOR TOP SLAB. AN ADDITIONAL #6 BAR SHALL BE PLACED IN THE FRONT EDGE OF THE TOP SLAB IN THE INLETS AND ADDITIONAL REINFORCING STEEL SHALL BE PLACED AROUND MANHOLES AS SHOWN.
2. ALL REINFORCING STEEL SHALL BE GRADE 60.
3. ALL CONCRETE SHALL BE CLASS "C" 3600 PSI AT 28 DAYS PER NCTCOG 702.3.4.2. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".
4. ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 2" TO THE CENTERS OF THE BARS. ADDITIONAL REINFORCING STEEL TO BE PLACED AROUND INLET FRAME AND COVER.
5. WHEN AN INLET IS PLACED IN AN EXISTING STREET, 10 FEET OF CURB UPSTREAM AND DOWNSTREAM FROM THE INLET SHALL BE REMOVED AND RE-POURED INTEGRALLY WITH THE INLET.
6. ALL BACK FILLING SHALL BE IN ACCORDANCE WITH NCTCOG ITEM 504.2.3.3 TO 95% STANDARD PROCTOR DENSITY ASTM D698.
7. CENTER BEAM IS REQUIRED FOR ALL INLET OPENINGS GREATER THAN 10'-0".
8. TWO MANHOLE FRAMES AND COVERS ARE REQUIRED WHEN INLET OPENING IS GREATER THAN 10'-0".
9. ALL INLET FLOORS ARE TO HAVE A 2% SLOPE TOWARDS THE OUTLET PIPE.
10. MINIMUM INLET OPENING SIZE IS 5'-0".
11. MAXIMUM INLET OPENING SIZE IS 20'-0".
12. OUTLET PIPE TO BE PLACED AT LOWEST END OF FLOOR INLET. MANHOLE COVER TO BE PLACED ABOVE OUTLET END OF INLET.
13. MANHOLE FRAME AND COVER SHALL BE CAST IRON, BASS AND HAYS PATTERN 103 (NON-LOCKING) OR APPROVED EQUAL.
14. MANHOLE COVERS SHALL HAVE A 24" LONG, 3/8" STAINLESS STEEL CHAIN WITH NO SWIVELS ATTACHED TO PREVENT COVERS FROM BEING WASHED AWAY DURING FLOOD CONDITIONS.
15. TOP OF INLET TO SLOPE 2% TOWARD STREET, UNLESS SHOWN OTHERWISE ON PLAN.
16. LIGHT BROOM FINISH REQUIRED ON ALL CONCRETE SURFACES.



STORM DRAIN CONSTRUCTION DETAILS STORM DRAIN INLET GENERAL NOTES

REVISION DATE:
2/1/2024

SHEET: D-23