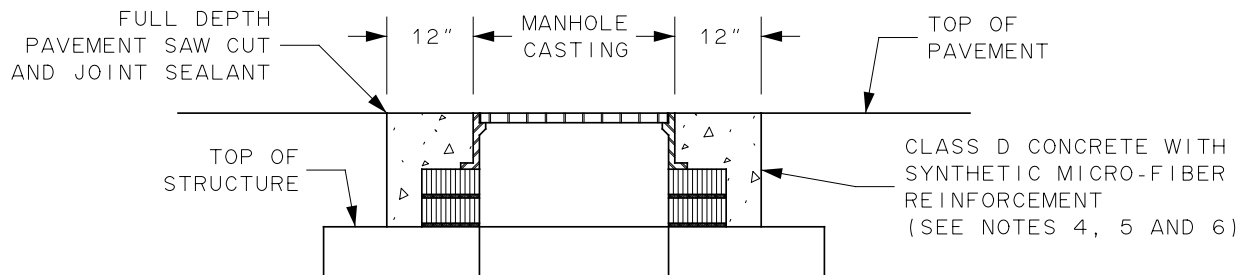


PLAN



SECTION

NOTES :

1. CASTING AND TOP OF CONCRETE ARE TO BE IN SAME HORIZONTAL PLANE AS SURROUNDING SURFACE, TRUE TO LINE AND GRADE, WITH GRATE HAVING FULL CONTINUOUS AND UNIFORM BEARING CONTACT WITH FRAME.
2. TOP OF GRATE IS TO BE LEVEL WITH TOP OF FRAME, STABLE AND IMMOVABLE WHEN IN PLACE AND WHEN UNDER INFLUENCE OF TRAFFIC OR ANY OTHER TYPE OF LOAD BEARING STRESS. OUTER EDGE OF CONCRETE COLLAR IS TO BE PARALLEL WITH CURB LINE OR EDGE OF PAVEMENT.
3. IF CASTING IS BELOW/ABOVE TOP OF SURROUNDING SURFACE GREATER THAN 1/4 INCH IT IS DEFICIENT CONDITION THAT MUST BE MITIGATED PER DETAIL S101-01 OF "RULES AND REGULATIONS FOR WORK IN THE RIGHT-OF-WAY" DOCUMENT.
4. DEPTH OF CONCRETE TO BE MINIMUM 12 INCHES. ACTUAL DEPTH TO BE EITHER TO CONSTRUCTION JOINT OR SOUND CONCRETE/BRICK.
5. HIGH EARLY STRENGTH CONCRETE IS TO BE USED FOR PLACEMENTS REQUIRED TO SATISFY OPEN TO TRAFFIC TIME REQUIREMENTS.
6. DURING AND AFTER DEPOSITION OF CONCRETE PERFORM MODERATE VIBRATION AND COMPACTION TO EXPEL LARGE BUBBLES AND EXCESS OF ENTRAPPED AIR FROM FRESHLY PLACED CONCRETE IN ACCORDANCE WITH NYSDOT SECTION 555-3.04 HANDLING AND PLACING CONCRETE.
7. IF PAVEMENT IS CUT AND CORE LEFT IN PLACE FOR REMOVAL AT LATER TIME VOID IS TO BE FILLED-IN WITH ASPHALT COLD PATCH OR MILLINGS. VOID IS NOT TO BE LEFT OPEN OVERNIGHT.
8. REFER TO APPROPRIATE UTILITY/ AGENCY CONSTRUCTION STANDARDS FOR INSTALLATION/ADJUSTMENT OF MANHOLE FRAME AND COVER.

THIS DETAIL MAY ONLY BE USED AT SOLE DISCRETION OF CITY ENGINEER

CITY OF ROCHESTER		
ALTERNATE SQUARE CONCRETE COLLAR FOR MANHOLE WITHIN ROADWAY		
ISSUED	11-14-18	NON-STANDARD DWG.NO.S604-91
REVISED	12-30-21	