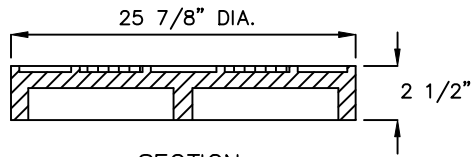
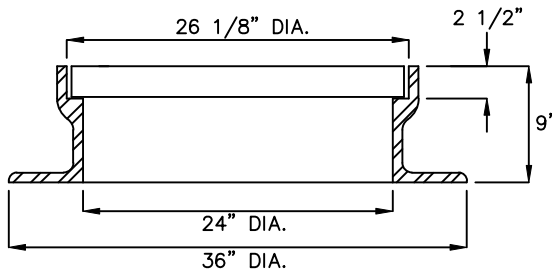


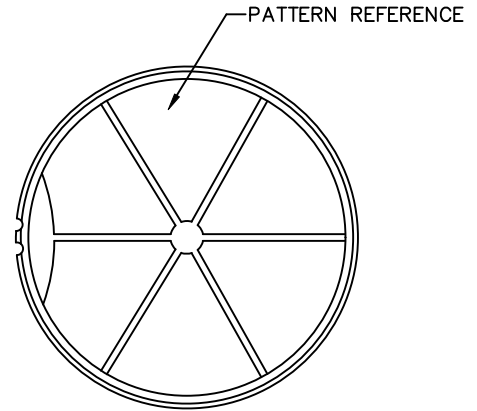
PLAN



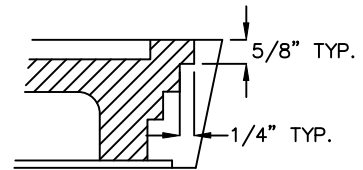
SECTION



FRAME SECTION



BOTTOM VIEW OF COVER



DETAIL OF PICKHOLE

LOAD RATING  
HEAVY DUTY

MATERIAL SPECIFICATIONS  
COVER—GRAY IRON  
ASTM A48 CL30  
FRAME—GRAY IRON  
ASTM A48 CL30

ESTIMATED WEIGHT  
COVER: 150 LBS.  
FRAME: 280 LBS.  
UNIT: 430 LBS.

NOTES

- FOR USE IN TRAFFIC AREAS THAT DO NOT REQUIRE A WATER TIGHT SEAL.
- MANHOLES THAT ARE NOT BOLT DOWN REQUIRE A MANHOLE INSERT.
- USE A HDPE MANHOLE INSERT MEETING THE REQUIREMENTS OF ASTM D1248, CLASS A, CATEGORY 5 WHEN REQUIRED.
- USE NEVER-SEIZE LUBE ON SCREWS AND BOLTS.
- ALL FRAME AND COVERS MUST BE FACTORY COATED.
- MANUFACTURER'S NAME MUST APPEAR ON FRAME AND COVER.
- MACHINE SURFACE.
- ALL FRAME AND COVERS MUST BE PER CHARLES COUNTY SPECIFICATIONS. THE COVER SHOULD READ "CHARLES COUNTY WATER" FOR WATER USE AND "CHARLES COUNTY RECLAIMED WATER" FOR RECLAIMED WATER USE.



CHARLES COUNTY GOVERNMENT

DEPARTMENT OF PLANNING & GROWTH MANAGEMENT

APPROVED: \_\_\_\_\_  
CHIEF OF CODES, PERMITS, & INSPECTION SERVICES DATE

\_\_\_\_\_  
PROFESSIONAL ENGINEER DATE

STANDARD DETAIL

STANDARD TRAFFIC  
FRAME & COVER

S  
3.00

REVISIONS:  
DECEMBER 2022