

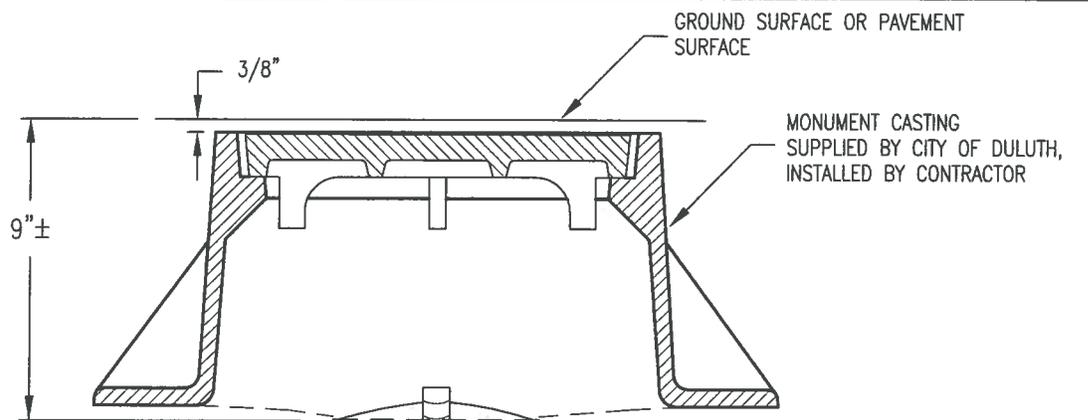
SURVEY

SUR-1

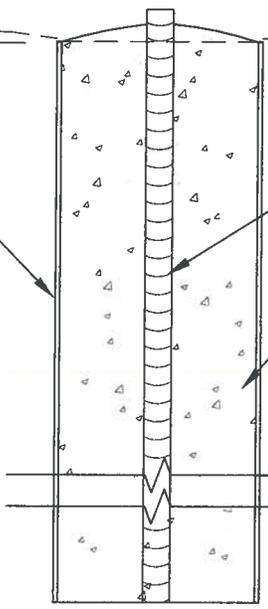
SURVEY MONUMENT

SUR-2

CONCRETE ENCASED CASTING COLLAR IN ROADWAY



8" DIA. x 36" MIN LENGTH OF PVC PIPE SDR 35, FURNISH AND INSTALL BY CONTRACTOR.

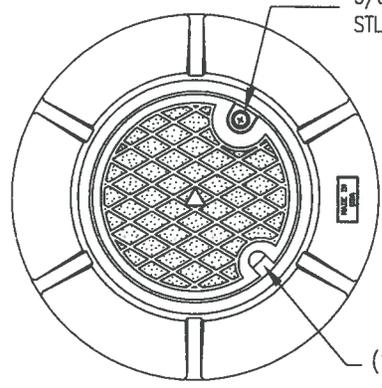


1" DIA. x 36" MIN LENGTH OF REINFORCING BAR, SUPPLIED BY CONTRACTOR (SET BY SURVEY CREW)

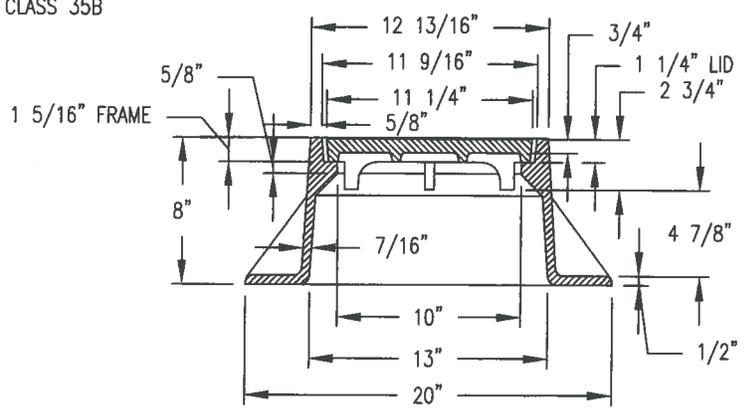
FILL WITH CONCRETE, MIX # 3A32 OR EQUIV. SUPPLIED BY CONTRACTOR (SET BY SURVEY CREW)

TYPE "C" CHECKERED TOP DESIGN W/ PERMAGRIP SURFACE TEXTURE

(1) DRILL AND TAP BOLT PAD FOR 3/8 - 16UNC X 1 1/2 STNLS. STL. HEX. HD. BOLT W/ WASHER



- NOTE:
1. LOCATION TO BE DIRECTED AND COORDINATED WITH SURVEY CREW.
 2. FRAME & SOLID LID, BOLTED.
 3. MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
 4. FINISH: NO PAINT
 5. WEIGHT: FRAME 83#, LID 24#.



SURVEY MONUMENT

SUR-1

REVISED/APPROVED 02/19/2015

CITY OF DULUTH STANDARD DETAIL
DEPT. OF PUBLIC WORKS AND UTILITIES

NO SCALE

