

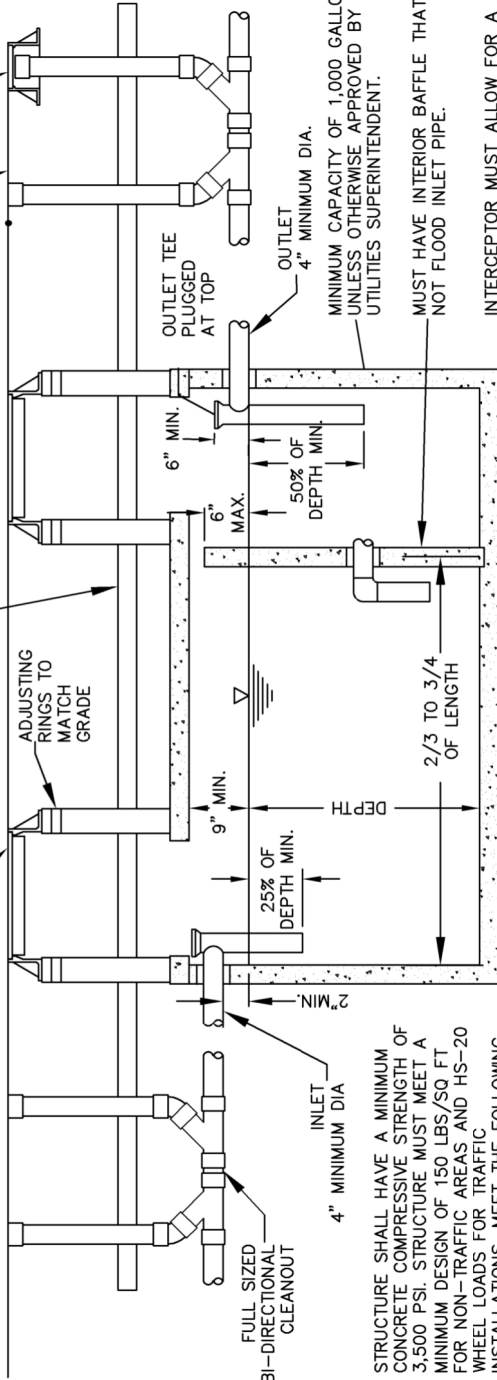
4" POLYSTYRENE INSULATION OVER PIPE AND STRUCTURE AT ALL LOCATIONS WITH LESS THAN 7 FEET OF COVER

24" DIA. ACCESS OPENINGS INSTALLED OVER BOTH INLET & OUTLET COMPARTMENTS. CAST IRON COVERS OR EQUIVALENT TRAFFIC BEARING MATERIAL, SELF-SEALING, LOCKING MANHOLES/COVERS SHALL HAVE PICK SLOTS/BARS, EXTEND TO FINISHED GRADE AND BE INSTALLED TO PREVENT SURFACE WATER INFLOW.

USE LAMPHOLE FRAME IN TRAFFIC AREAS EQUAL TO NEENAH R-1975

FULL SIZED BI-DIRECTIONAL CLEANOUT OR SAMPLING MANHOLE

ADJUSTING RINGS TO MATCH GRADE



STRUCTURE SHALL HAVE A MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 3,500 PSI. STRUCTURE MUST MEET A MINIMUM DESIGN OF 150 LBS/SQ FT FOR NON-TRAFFIC AREAS AND HS-20 WHEEL LOADS FOR TRAFFIC INSTALLATIONS. MEET THE FOLLOWING STANDARDS: ASTM C-1227, ASTM C-913, ASTM C-890 & ACI-318.

PLACE DURABLE WARNING SIGNS IN ACCESSWAYS: "GREASE INTERCEPTOR-DO NOT ENTER WITHOUT PROPER SAFETY EQUIPMENT"

MINIMUM CAPACITY OF 1,000 GALLONS UNLESS OTHERWISE APPROVED BY THE UTILITIES SUPERINTENDENT.

MUST HAVE INTERIOR BAFFLE THAT DOES NOT FLOOD INLET PIPE.

INTERCEPTOR MUST ALLOW FOR A 30 MINUTE RETENTION TIME UNDER ACTUAL PEAK FLOW. PLANS & SPECS FOR GREASE INTERCEPTORS SHALL BE SUBMITTED AND APPROVED BY THE CITY OF BLOOMINGTON PRIOR TO INSTALLATION. PLANS SHOULD INCLUDE INTERIOR GREASE PIPING SHOWING ALL CONNECTED FIXTURES, PRESSURE OR VACUUM TEST TO BE WITNESSED BY CITY.

GREASE INTERCEPTOR EXAMPLE

FOR INFORMATIONAL PURPOSES ONLY

H:\CAD-COMM\Details Updated\400 - SAN SEWER complete\412 - Typical Grease Interceptor
 PLATE NAME:

CITY OF
BLOOMINGTON
 MINNESOTA

ENGINEERING DIVISION
PUBLIC WORKS DEPARTMENT

412 - Typical Grease Interceptor

LAST REVISED: 12/12/2019

LAST REVISED BY: KBO