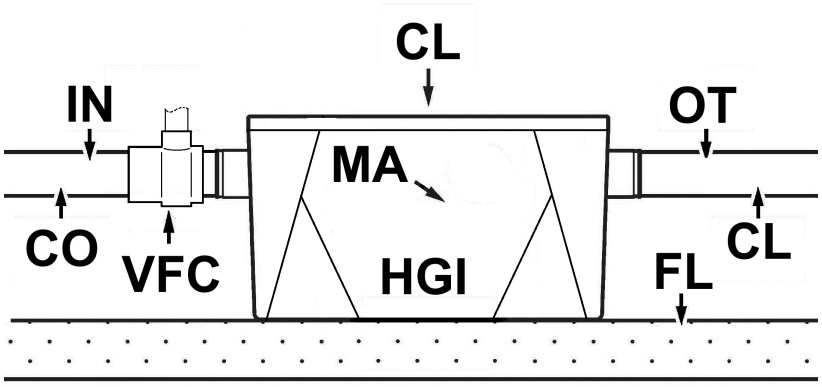
Local Roots, Global Reach
ISLE OF WIGHT
COUNTY, VIRGINIA

LEGEND:

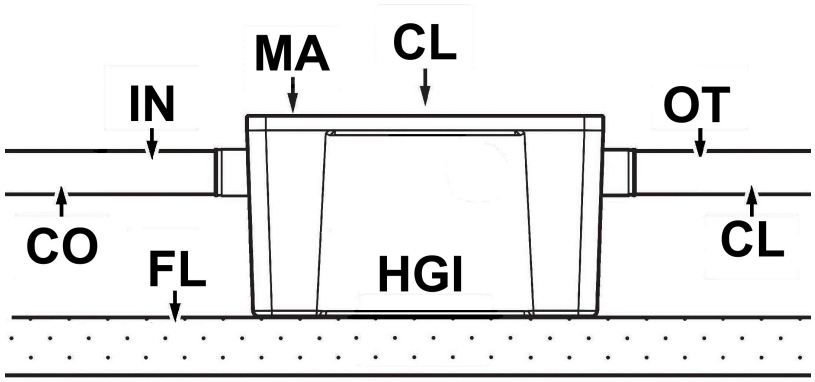
CL - COVER/LID - PEDESTRIAN RATED BELOW GRADE
CO - CLEANOUTS AS PER MFTR INSTRUCTIONS
FL - FLOOR LEVEL OR BASE SUPPORTS WEIGHT OF FULL HGI
IN - INLET PIPE - CANNOT REDUCE
OT - OUTLET PIPE - CANNOT REDUCE
MA - MATERIAL COMPATIBLE WITH PH OF 3. ACID-RESISTANT ENAMEL COATINGS PROHIBITED
VFC - VENTED FLOW CONTROL DEVICE



PDI G-101 OR ASME A112.14.3 TYPE A OR B

EXTERNAL VENTED FLOW CONTROL DEVICE IS REQUIRED FOR PDI-G101 OR ASME A112.14.3 TYPE A OR B

BUILT-IN OR INTERNAL FLOW CONTROL FOR ASME A112.14.3 TYPE C OR D



ASME A112.14.3 TYPE C OR D

NOTES

1. GREASE INTERCEPTOR SHALL BE CERTIFIED BY ASME A112.14.3 AND/OR PDI G101.
2. HGI AND LOCATION SHALL BE APPROVED BY PUBLIC UTILITIES PRIOR TO INSTALLATION.
3. HGI SHALL BE SIZED AND INSTALLED AS PER THE "HAMPTON ROADS REGIONAL TECHNICAL STANDARDS FOR GREASE CONTROL DEVICES" (2O24).
4. ALL PARTS, MATERIALS, AND INSTALLATIONS SHALL BE AS PER THE USBC AND THE MANUFACTURER'S SPECIFICATIONS, RECOMMENDATIONS, AND INSTRUCTIONS.
5. FOOD WASTE GRINDERS REQUIRE AN APPROVED SOLIDS INTERCEPTOR BEFORE HGI.
6. INSTALLATION BELOW GRADE IS AS PER (4) AND REQUIRES SEPARATE INSPECTIONS FOR: HGI/SI/PIPING INSTALLATION; BACKFILL; AND PAD INSTALLATION.

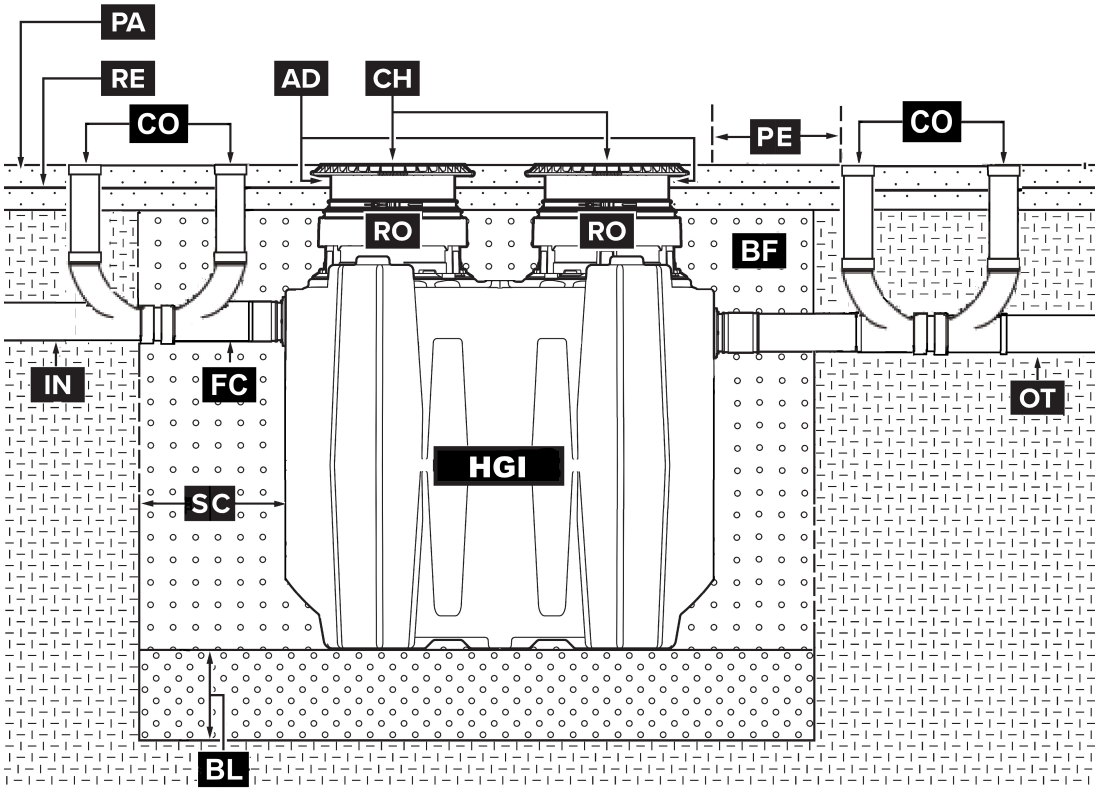
HYDROMECHANICAL GREASE INTERCEPTOR (HGI) - 10 TO 50 GPM

NOT TO SCALE

PLATE ?????

Local Roots, Global Reach
ISLE OF WIGHT
COUNTY, VIRGINIA

LEGEND:
AD ADAPTER FOR COVERS/HATCHES (3), (4)
BL BASE LAYER MIN. 12" THICK, 1" DIAM. AASHTO M43 STONE (#57 OR SIMILAR), NO FINES OR DEBRIS, MECHANICALLY COMPACTED (3)
BF BACKFILL EVENLY FROM BASE TO PAD WITH 1" DIAM. AASHTO M43 STONE (#57 ORSIMILAR), NO FINES OR DEBRIS, ONLY HAND-COMPACTED, OR (3)
CH COVER/HATCH TO BE AASHTO H-20 TRAFFIC-RATED FOR VEHICLE AREAS. NON-VEHICLE AREAS REQUIRE PEDESTRIAN-RATED COVER/HATCH (3), (4)
CO CLEANOUTS TO BE DOUBLE-SWEEP OR TWO-WAY ON BOTH SIDES OF HGI, OR (3)
FC FLOW CONTROL (EXTERNAL) IS REQUIRED FOR PDI G-101, ASME A112.14.3 TYPE A & B (3)
IN INLET PIPE SHALL NOT BE REDUCED FOR HGI/FITTINGS; UPSIZE HGI IF NEEDED (3)
OT OUTLET PIPE SHALL NOT BE REDUCED AFTER HGI OUTLET; UPSIZE PIPE IF NEEDED (3)
PA PAD OF CONCRETE MIN. 4,000 PSI WITH REBAR (SEE "RE"), 8" THICK FOR TRAFFIC AREAS OR 4" THICK FOR NON-TRAFFIC AREAS, OR (3)
PE PAD EXTENDS MIN. 18" BEYOND EDGE OF HGI ON ALL SIDES, OR (3)
RE REBAR GRADE 60 STEEL MIN. NO. 4 (1/2" DIAM.), OR (3)
RO RISER/OPENING TO FINISH GRADE, OR (3), (4)
SC SIDE CLEARANCE MIN. 12" FROM HGI TO PIT ON ALL SIDES, OR (3)



NOTES
1. ALL GREASE INTERCEPTORS SHALL BE CERTIFIED BY ASME A112.14.3 AND/OR PDI G101.
2. HGI AND LOCATION SHALL BE APPROVED BY PUBLIC UTILITIES PRIOR TO INSTALLATION.
3. ALL PARTS, MATERIALS, AND INSTALLATIONS SHALL BE AS PER THE USBC AND THE MANUFACTURER'S SPECIFICATIONS, RECOMMENDATIONS, AND INSTRUCTIONS.
4. SMALLER SIZES THAN SHOWN OFTEN HAVE ONLY 1 COVER/HATCH.
5. WHEN REQUIRED, SOLIDS INTERCEPTORS (SI) SHALL BE INSTALLED AS PER THIS DETAIL.
6. SEPARATE INSPECTIONS ARE REQUIRED FOR: HGI/SI AND PIPE INSTALLATION; BACKFILL INSTALLATION; REBAR INSTALLATION; AND PAD INSTALLATION.

HYDROMECHANICAL GREASE INTERCEPTOR (HGI) - OVER 50 GPM

NOT TO SCALE

PLATE ?????