



Grease Interceptor Specifications

Please provide a plumbing diagram showing that all equipment, fixtures and drains located in any food preparation, handling, serving, or clean up area are plumbed to a properly sized grease interceptor. All food prep sinks require an air gap on the drain. Grease interceptors in Arlington are sized based on the total potential flow from all plumbing fixtures/drains located in any food preparation, handling, serving, or clean up area ([See sizing spreadsheet at this link](#)). Provide top and side view cutaway details and inlet/outlet sanitary tee details for the grease interceptor matching the ones below.

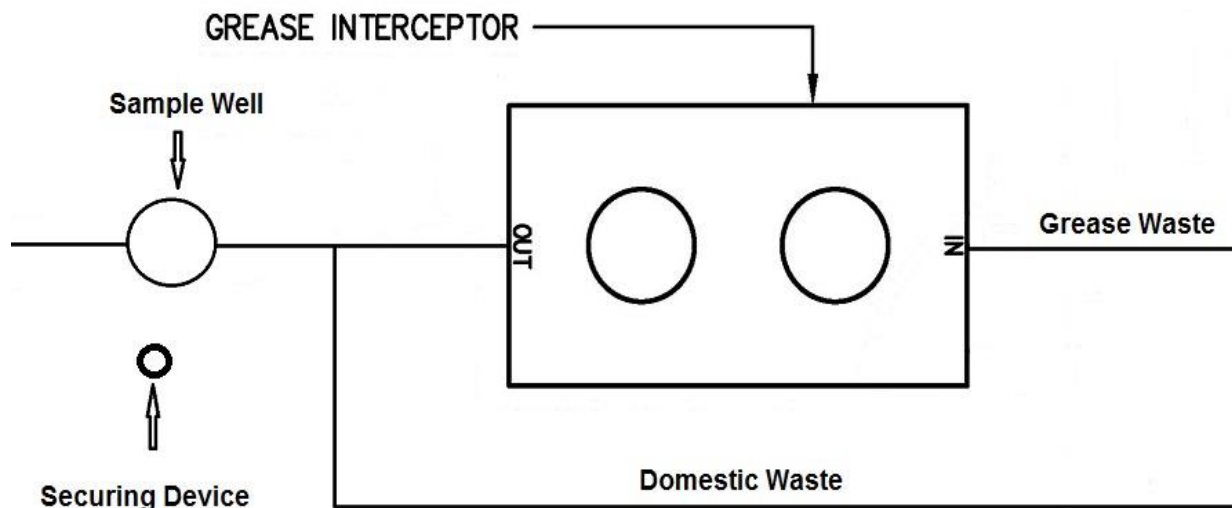
Grease interceptor notes required on plans.

1. The interceptor will be designed, constructed, and installed for adequate load bearing capacity. The interceptor will be installed outside the building. If located in a traffic area, indicate that the interceptor and its covers will be traffic rated.
2. The interceptor manhole covers, lids, rings, etc. will be sealed from inflow and infiltration, are at least 24 inches in diameter, meet or exceed AASHTO standard M-306 for load bearing, and are equivalent to an East Jordan Ironworks V-1432 or a Sigma Foundry MH1675.
3. Bricks, stones, or any other unapproved device will not be used to bring manhole openings or covers to grade. Risers or other components shall not impede the manhole openings. Manhole openings shall be sealed from inflow and infiltration.
4. The sample well design is equivalent to a Park Equipment Co. SWB-1, PW Eagle WAC-15 or CSC-15, or Schier Foglifter. Sample wells must have a minimum diameter of 15 inches and be installed outside the building. All covers, lids, rings, etc. will be sealed from inflow and infiltration and will not have holes through them. The sample well must be plumbed to capture all discharges from the facility (including both domestic and grease waste).
5. The securing device will consist of a valve box top section, with an eye bolt mounted in concrete, and that the device construction must be equivalent to a Bass & Hays 340-1. The securing device will be located within two feet of the sample well.

For questions about grease interceptors call 817-459-5902.

For information about the permitting process call 817-459-6502.

Sample Well Captures Both DW/SS and GW



The sample well must be plumbed to capture all discharges from the facility (including both domestic and grease waste).

Finished Sample Well and Securing Device



Securing Device Eyebolt Detail

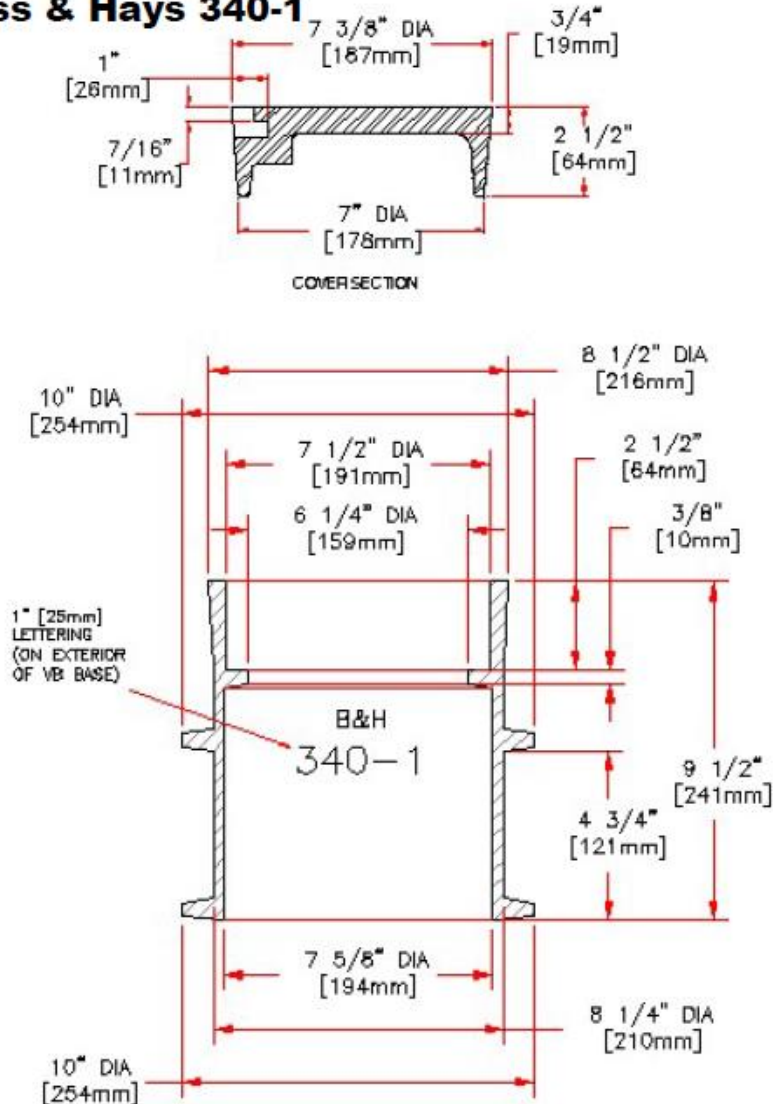


3/8 X 8" Stainless Steel Eyebolt

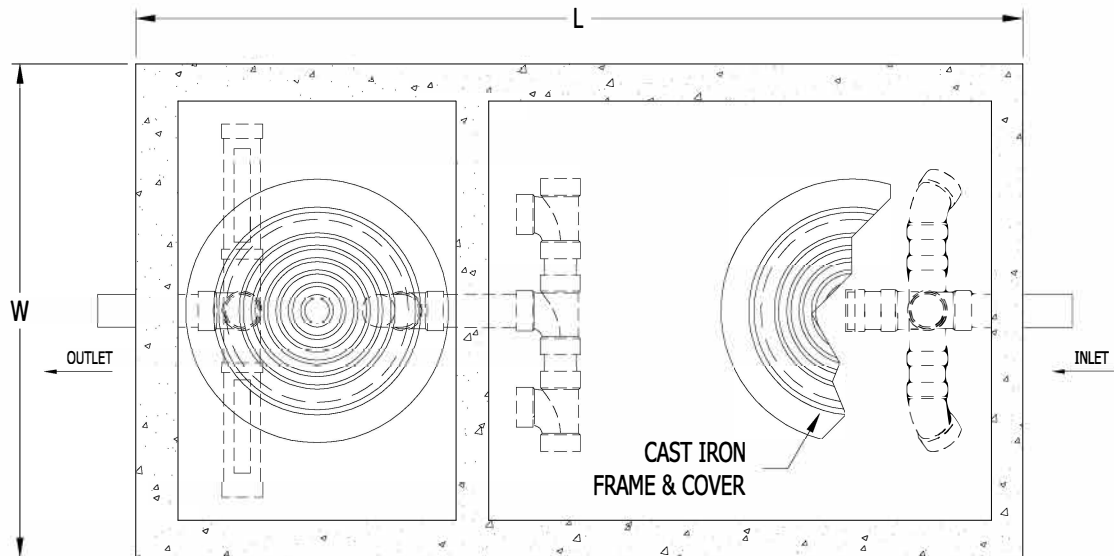
Securing Device Top Cover Details

SECURING DEVICE

Bass & Hays 340-1

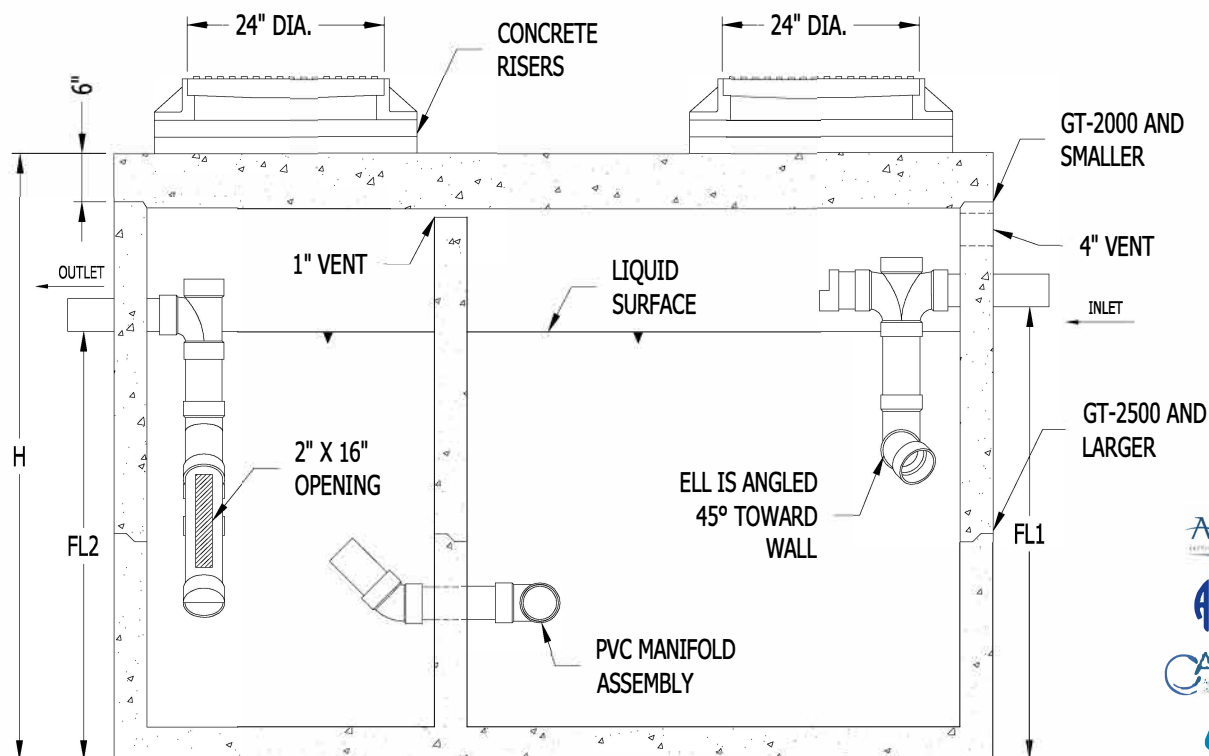


B&H 340-1
 BASE: 29 LBS 13kg
 COVER: 12 LBS 5kg
 SET 41 LBS 18kg



MODEL NO.	CAPACITY US Gal	GREASE CAP.(LBS)	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2
GT-500	500	1,180	11,300	9'- 0"	5'- 0"	4'- 8"	3'- 2"	2'- 10"
GT-750	750	1,530	12,000	9'- 0"	5'- 0"	5'- 1"	3'- 7"	3'- 4"
GT-1000	1,000	2,360	13,600	9'- 0"	5'- 0"	6'- 1"	4'- 7"	4'- 4"
GT-1500	1,500	3,500	17,300	10'- 0"	6'- 0"	6'- 9"	5'- 1"	4'- 10"
GT-2000	2,000	4,600	21,500	13'- 0"	7'- 0"	5'- 7"	4'- 2"	3'- 11"
GT-2500	2,500	6,000	24,700	13'- 0"	7'- 0"	7'- 0"	5'- 7"	5'- 3"
GT-3000	3,000	9,000	26,900	13'- 0"	7'- 0"	7'- 10"	6'- 5"	6'- 1"
GT-3500	3,500	10,400	29,600	13'- 0"	7'- 0"	9'- 0"	7'-6"	7'- 2"
GT-4000	4,000	9,400	40,600	16'- 0"	8'- 6"	7'- 0"	5'-6"	5'- 3"
GT-4500	4,500	11,500	41,300	16'- 0"	8'- 6"	7'- 6"	6'-1"	5'- 10"
GT-5000	5,000	13,225	44,000	16'- 0"	8'- 6"	8'- 0"	6'-7"	6'- 4"
GT-6000	6,000	16,000	47,300	16'- 0"	8'- 6"	9'- 0"	7'-8"	7'- 5"

*Larger sizes available on request



SPECIFICATIONS

- Concrete is class II with design strength of 5000 PSI at 28 days. Base and top are of monolithic construction. Joints sealed with butyl joint sealant.
- Reinforcement is grade 60 steel rebar conforming to ASTM A615 on required centers or equal.
- Manhole frames, covers or grates are manufactured of A48-30 cast iron. Manhole shall be nominal 24 inch diameter unless specified and rated for HS-20 loading.

Engineering Data

The grease interceptor is structurally & hydraulically engineered to conform to UPC/IPC and regional plumbing codes recommended in most cities. Consult with local authorities for specific application requirements.



PROJECT: -

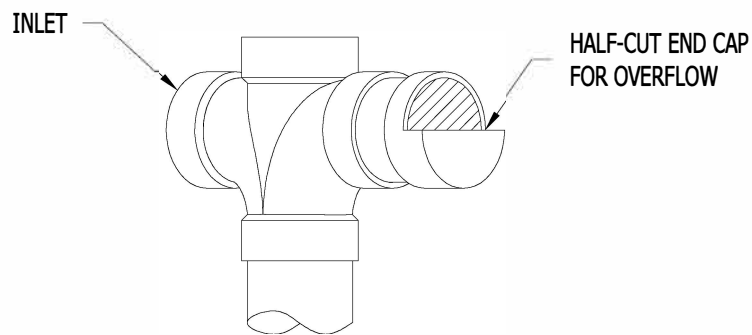
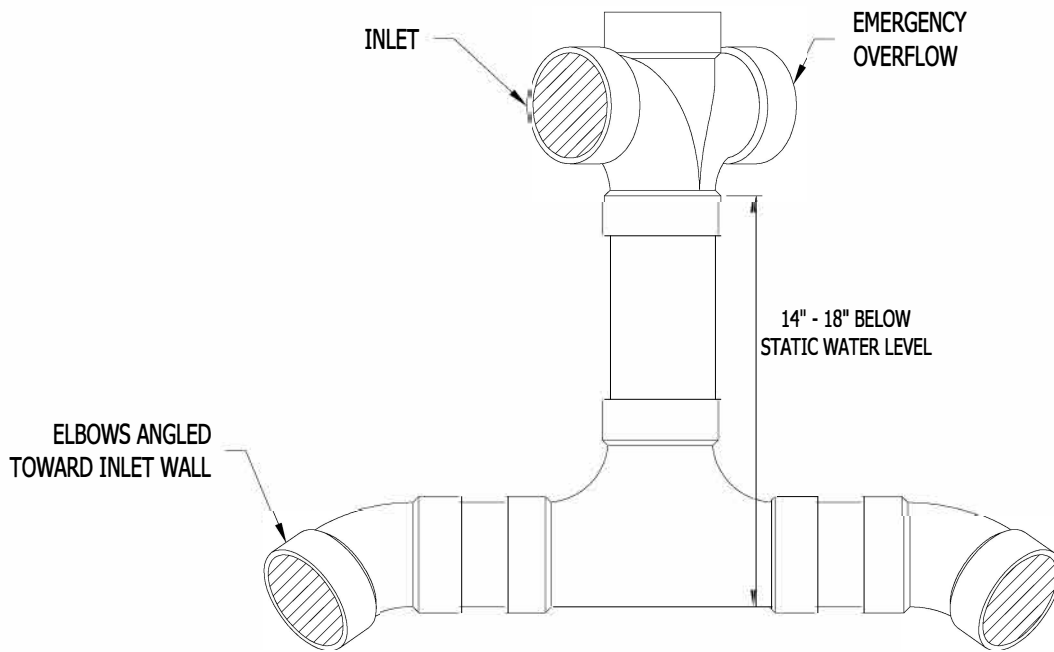
GREASE INTERCEPTOR
SERIES GT

DATE: 11/30/16

DRAWING NO.:

SCALE: NONE

GT-X-ARL

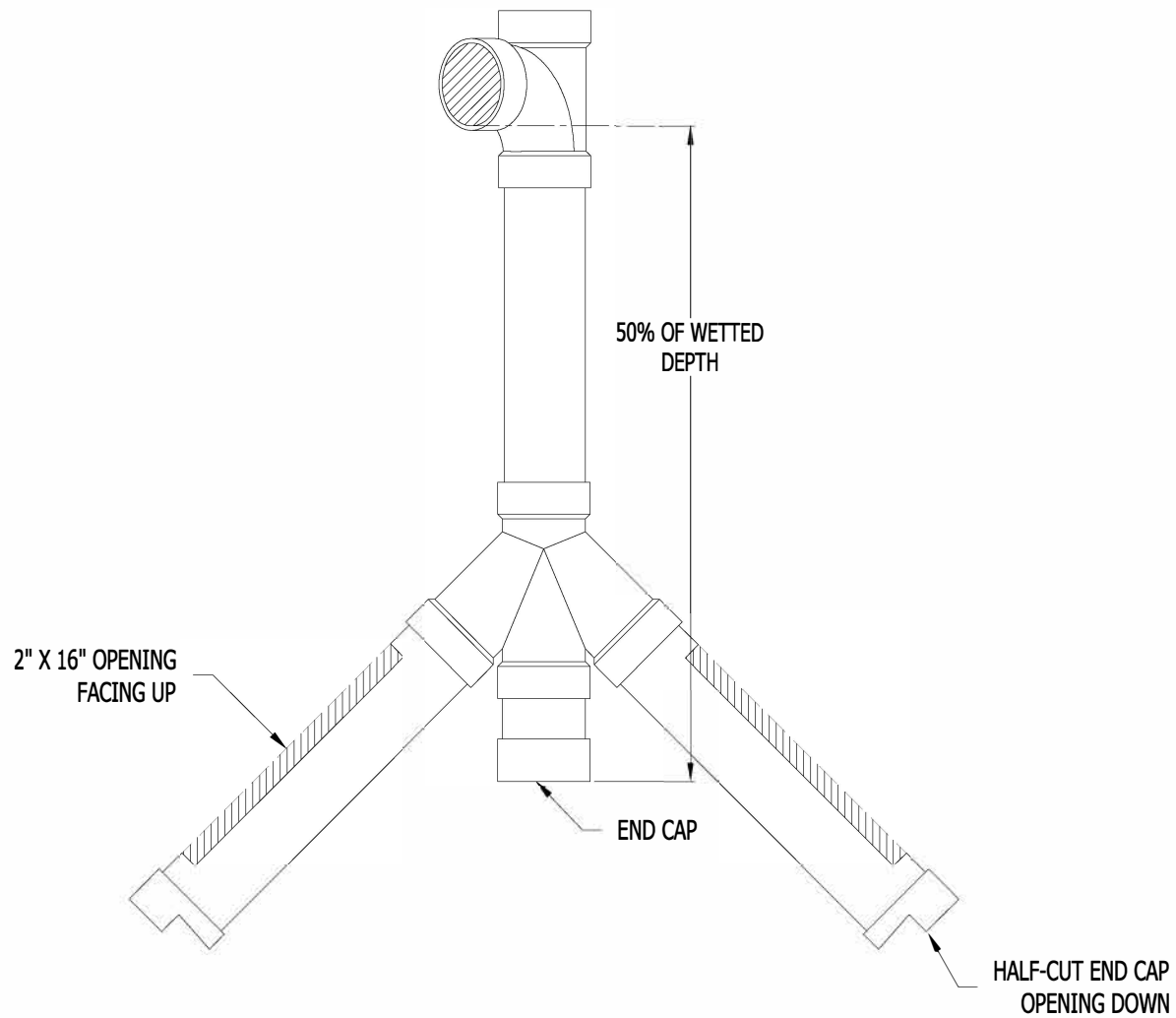


PROJECT:

INLET PIPING DETAIL

DRAWING NO.:

GT-ARL-1



PROJECT: -

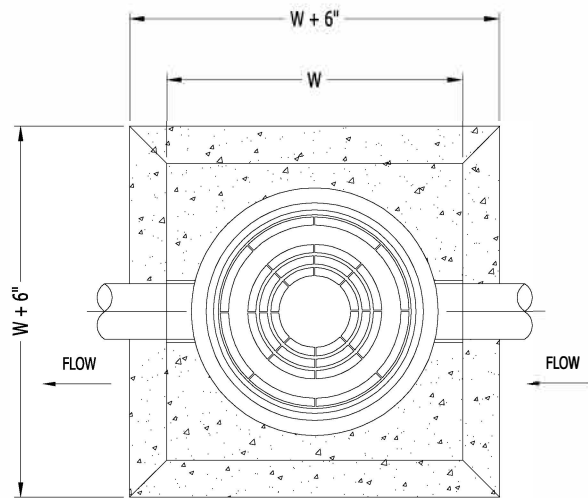
EXIT PIPING DETAIL

DATE: 06/24/16

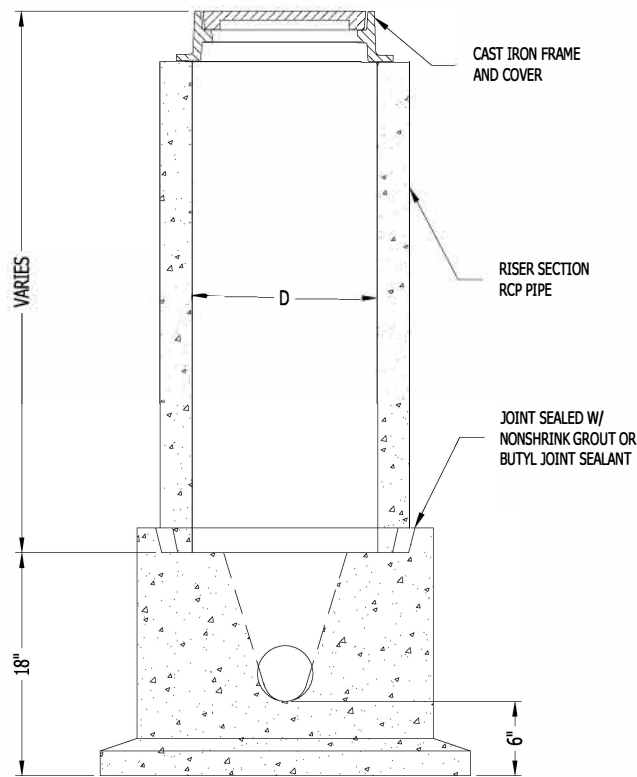
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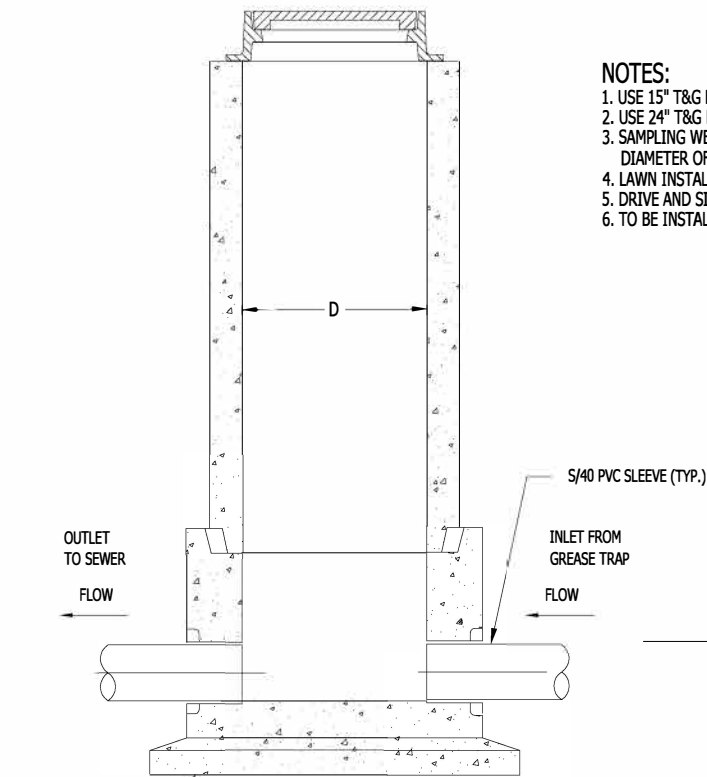
GT-ARL-2



PLAN VIEW



ELEVATION VIEW - FRONT



ELEVATION VIEW - SIDE

MODEL	PIPE SIZE	D	W
SWB-15X24	4"	15"	24"
SWB-15X24	6"	15"	24"
SWB-24X34	4"	24"	34"
SWB-24X34	6"	24"	34"

SPECIFICATIONS

CONCRETE: Class 1 concrete with design strength of 5000 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth.

REINFORCEMENT: Grade 60 reinforced. Steel rebar conforming to ASTM A615 on required centers or equal.

C.I. CASTINGS: Cast iron frames and grates are manufactured of gray cast iron conforming to ASTM A48-76 Class 30, Heavy-Duty AASHTO H-20

NOTES:

1. USE 15" T&G R.C.P. FOR INSTALLATION 6'-0" DEEP AND LESS.
2. USE 24" T&G R.C.P. FOR INSTALLATION GREATER THAN 6'-0" DEEP. (STD RING AND MANHOLE COVER REQ'D)
3. SAMPLING WELL MUST BE SET IN A CIRCULAR OR SQUARE CONCRETE PAD (1'-0" GREATER THAN OUTSIDE DIAMETER OF PIPE)
4. LAWN INSTALLATION MUST BE 4" ABOVE FINISHED GRADE.
5. DRIVE AND SIDEWALK INSTALLATION MUST BE BROUGHT TO FINISHED GRADE
6. TO BE INSTALLED ON PRIVATE PROPERTY, IN AN ACCESSIBLE LOCATION TO CITY PERSONNEL



PROJECT:

SAMPLE WELL BASIN

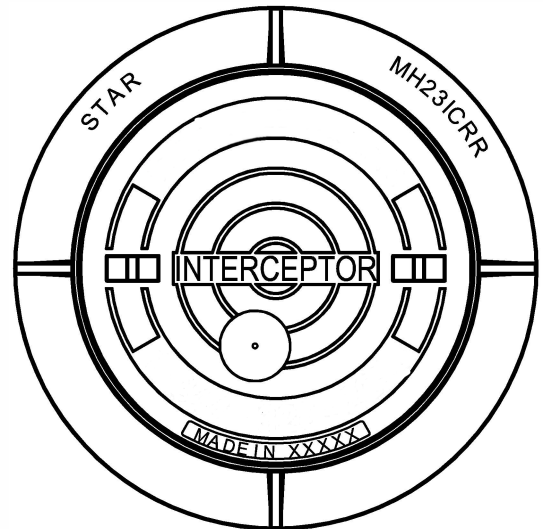
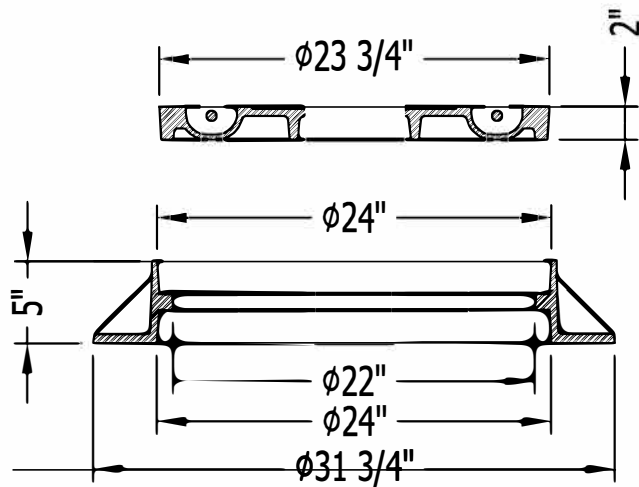
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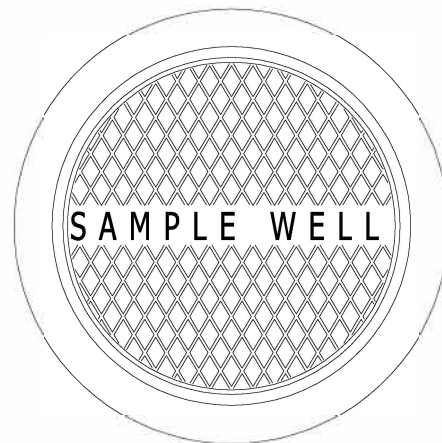
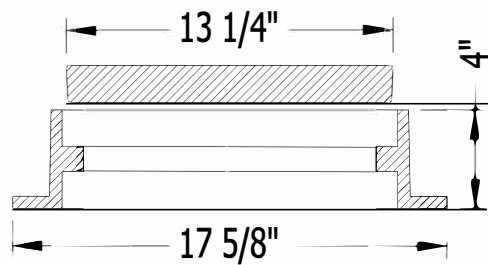
DRAWING NO.:

SWB-X

INTERCEPTOR RING/COVER



SAMPLE WELL RING/COVER



PROJECT: -

RING / COVERS

DRAWING NO.: