

PROJECT NAME
SECTION _____, TOWNSHIP _____, RANGE _____

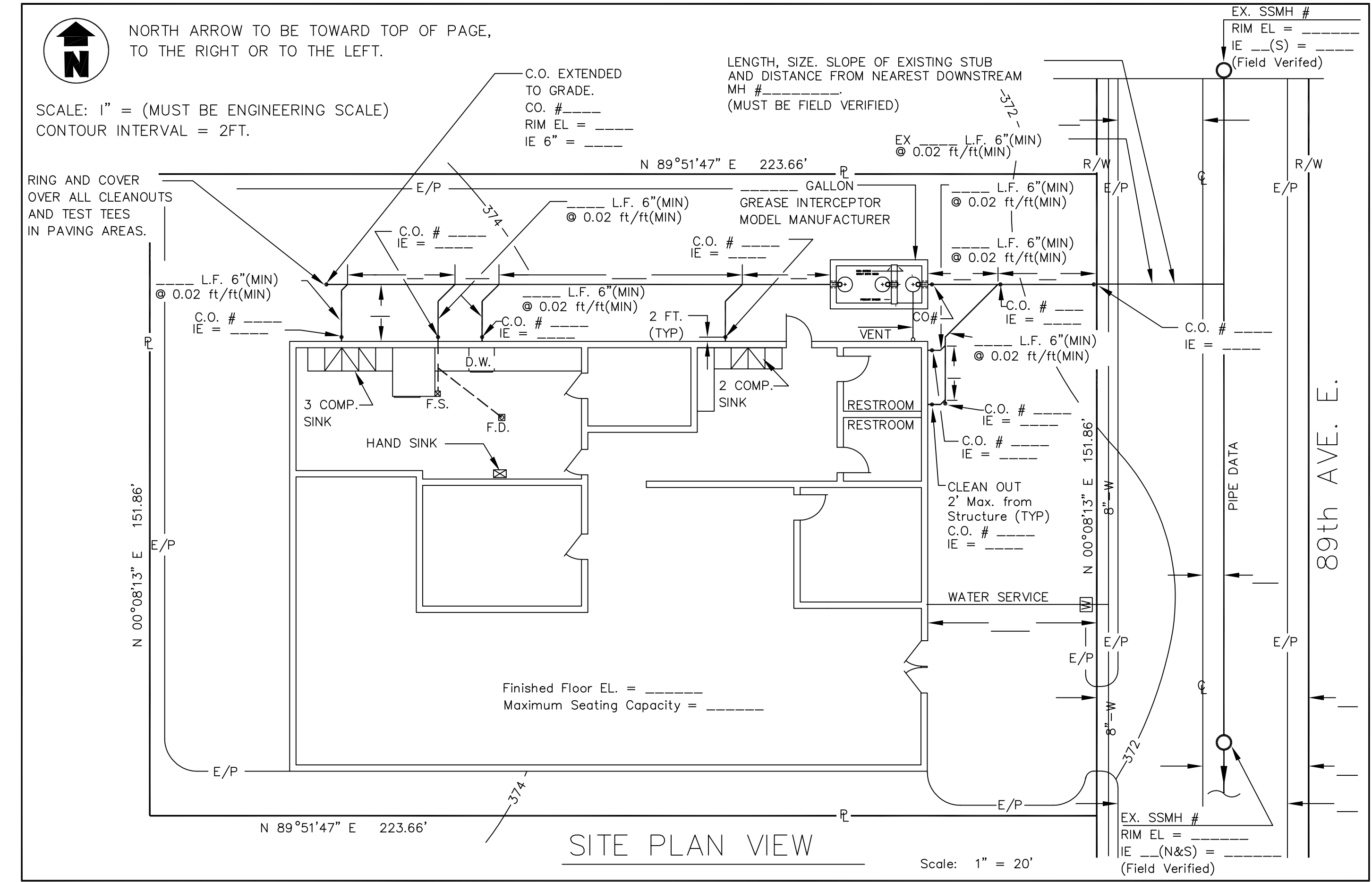
LEAVE THIS AREA BLANK FOR APPROVAL STAMP
(1 1/2" X 4" Space - Minimum)

TYPICAL VEGETABLE-ANIMAL FAT, GREASE & OIL INTERCEPTOR DETAIL

THIS CONSTRUCTION PLAN WILL EXPIRE ONE YEAR FROM PLAN APPROVAL DATE.

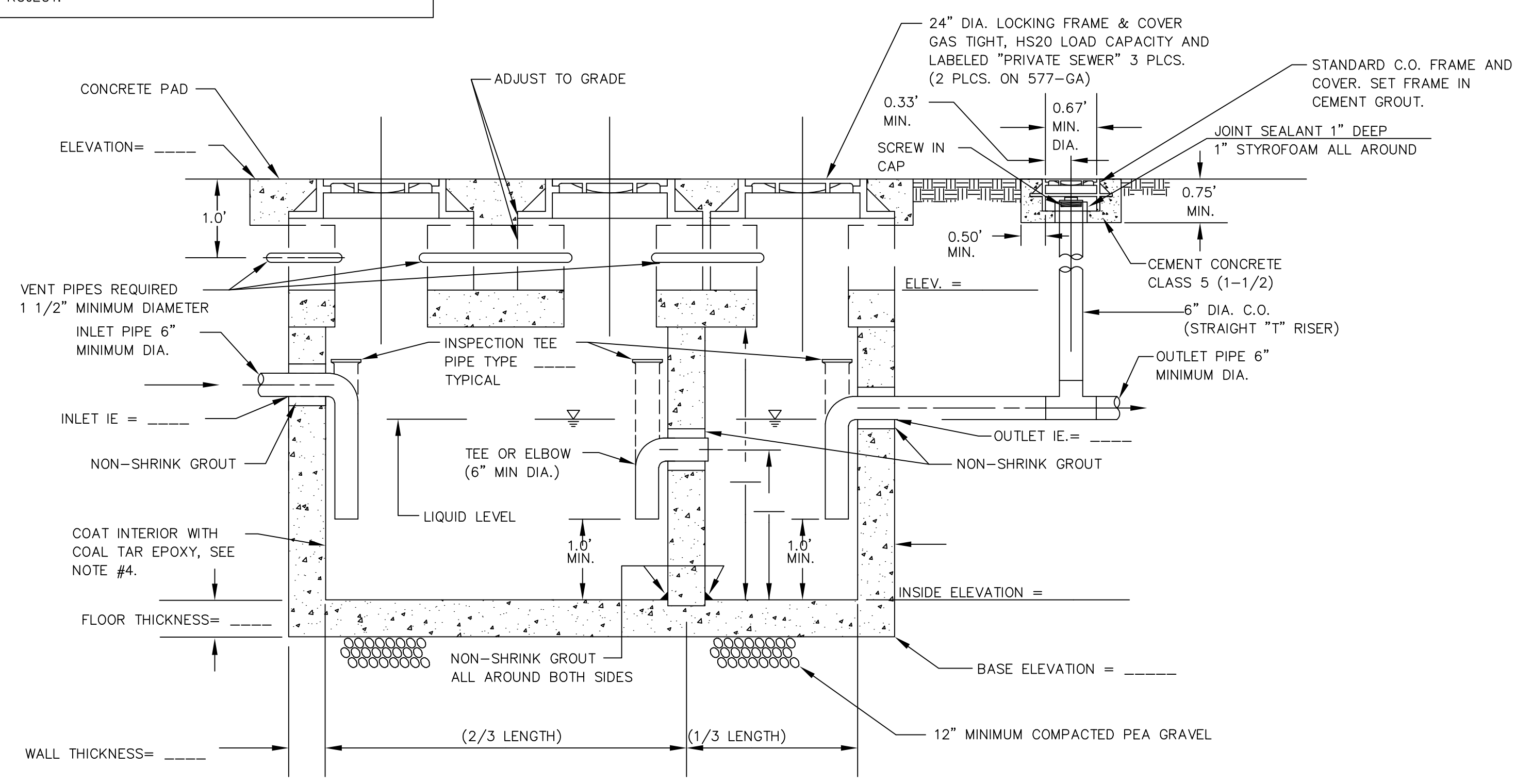
(Identify Project location on Map)
VICINITY MAP

MANUFACTURER	MODEL NUMBER
MINIMUM INTERCEPTOR SIZE = 750 GAL.	
PLUMBING FIXTURES SERVED.	
# OF 3 COMPARTMENT SINKS	# OF 2 COMPARTMENT SINKS
DISHWASHER AND OTHER FIXTURES	FLOOR DRAINS
DESIGN CRITERIA SOURCE: USE MOST CURRENT ADOPTED VERSION OF THE UNIFORM PLUMBING CODE -- APPENDIX "H"	
FORMULA: # OF MEALS PER PEAK HOUR X WASTE FLOW RATE X RETENTION TIME X STORAGE FACTOR X CAPACITY IN GALLONS (_____ GALLONS AT DESIGN WATER SURFACE ELEVATION)	
EXAMPLE: HOUR RESTAURANT WITH DISHWASHER SERVING MEALS PER. PEAK HOUR. (_____ MEALS/HRS.)(_____ GALS.)(_____ HOURS)(_____) = _____ GALS. (_____ GALLONS AT DESIGN WATER SURFACE ELEVATION)	
NOTE: THESE PLANS ARE FOR ILLUSTRATION PURPOSES ONLY, TO SHOW THE MINIMUM DESIGN INFORMATION REQUIRED. A MORE PRACTICAL AND/OR COST EFFICIENT DESIGN COULD BE POSSIBLE FOR ACTUAL CONSTRUCTION OF THIS PROJECT.	

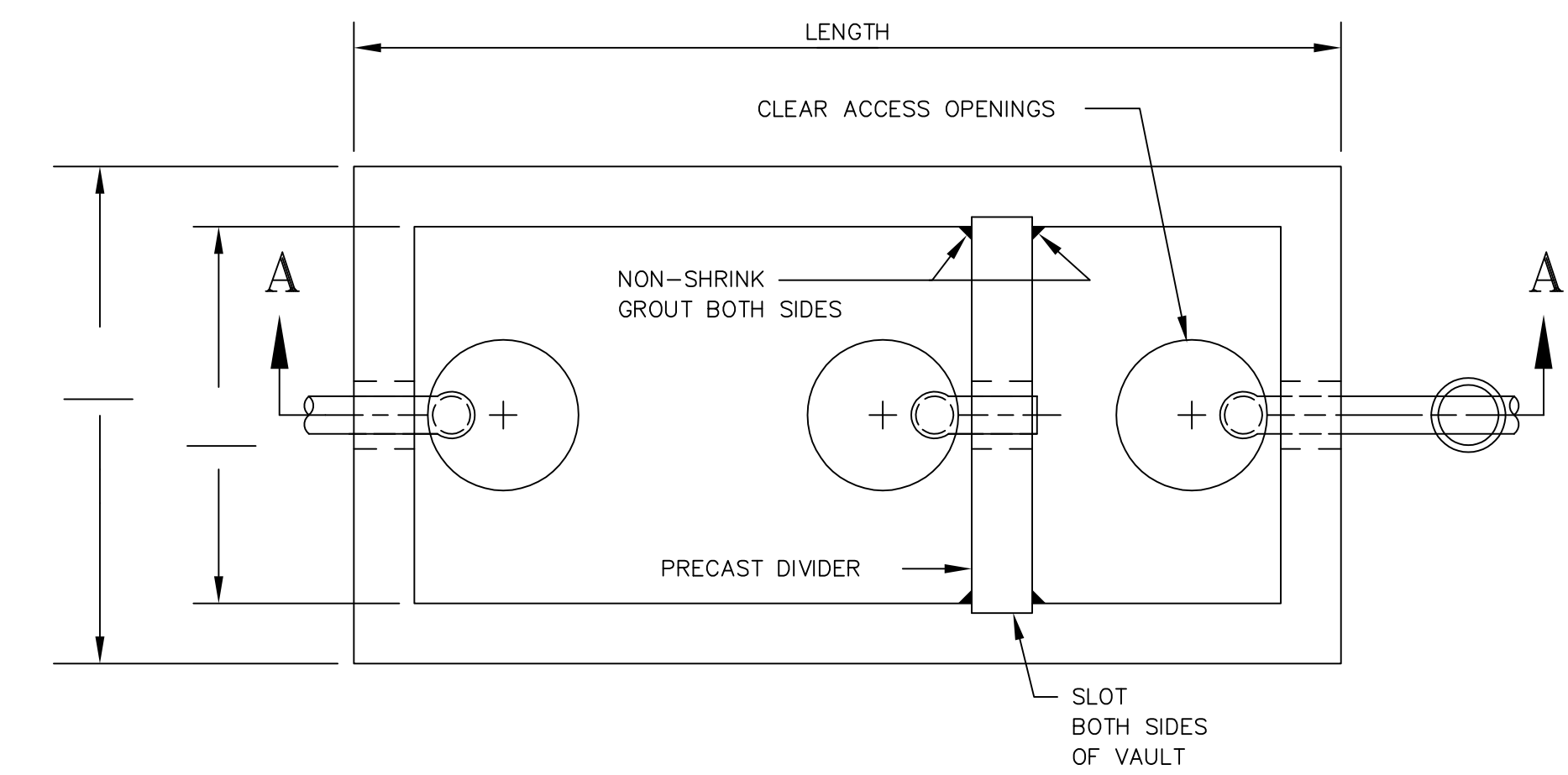


GENERAL NOTES

- The grease interceptor shall be installed in strict accordance with this approved plan and all current county ordinances.
- The interceptor shall be installed on level undisturbed soil with a minimum total load bearing capacity of 2000 pounds per square foot. The interceptor shall be set on a layer of pea gravel (per Pierce County Department of Utilities Standard Specifications) a minimum of 12 inches compacted depth.
- The contractor shall insure that the interceptor is placed without dropping or damaging it during construction.
- The inside of the interceptor shall be cured a minimum of 28 days and shall be clean and dry prior to coating. It shall be water proofed by the manufacturer at him manufacturing facility with two (2) coats of bituminous coal tar epoxy coating specially formulated for submerged service and exposure to raw sewage. Coal tar epoxy shall be Bitumastic No. 300M as manufactured by Koppers Company, Inc., or similar coating by Tnemec or Ameron. The Manufacturer shall receive prior approval prior to using any material other than Bitumastic No. 300M.
- The grease interceptor shall be so installed and connected to the sewer system such that it is easily accessible for inspection, cleaning and grease removal at all times. The interceptor shall be placed as close as practical to the fixtures served. All manhole covers shall be gas tight in construction and shall have a minimum opening of 24 inches in diameter.
- All sewer lines connections to the grease interceptor shall be core drilled and sealed with a non-shrink grout unless the manufacturer has provided it with connection ports.
- A Pierce County Building Plumbing Permit is required for all internal plumbing changes.
- The contractor shall be responsible for the final location of the interceptor and for pumping and filling of any tanks that may be disconnected from the existing system. All pumping and filling of the tanks shall be in accordance with section 1119 of the 1991 Uniform Plumbing Code or the most recently adopted version by the County.
- Venting of the grease interceptor shall be in accordance with chapter 4, 5 & 7 of the 1991 Uniform Plumbing Code or the most recently adopted version by the County.
- The grease interceptor and any sewer line connected to the existing public line shall remain under the ownership of the property owner who shall also be responsible for their operation and maintenance.
- Grease interceptors located in a paved area shall comply with the HS-20 loading standards.
- All building sewer installation must comply with Pierce County Public Works and Utilities Department standards and specifications. All polyvinyl chloride pipe shall have a minimum of five (5) feet cover in a driving surface or Class 52 Ductile iron pipe may be utilized with a minimum of 3 feet of cover is acceptable if class 52 ductile iron pipe is used or if PVC pipe is concrete encased.
- Parallel water and sewer lines shall have a minimum of 10 feet of horizontal separation.
- All utilities crossing sewer lines must have proper vertical clearance. The standard vertical separation for water lines is 3 feet above the sewer line and 1.5 feet for all other utilities. Concrete encasement of sewer lines will be permitted for water mains crossing at less than 3 feet, but no closer than 1.5 feet. The sanitary sewer encasement shall be 10 feet on each side of the crossing.
- The contractor, design engineer and the owner shall attend a mandatory preconstruction conference a minimum of 48 hours prior to the start of construction. The contractor must obtain an issued grease interceptor permit prior to scheduling the preconstruction conference.



TWO COMPARTMENT GREASE INTERCEPTOR MINIMUM



SITE ADDRESS.
PROVIDE SOURCE OF TOPOGRAPHY AND ON SITE BENCH MARKS.
PARCEL NUMBER.
DATUM - PROVIDE LOCATION AND ELEVATION (NO EXCEPTIONS) N.O.A.A. (U.S.C.G.S./PIERCE COUNTY).

NO.	REVISION	DATE	APPD.
CONTACT PERSON OWNER ADDRESS TELEPHONE			
ENGINEER OR FIRM NAME: ADDRESS AND PHONE NUMBER (Plans to be stamped, signed & dated by Professional Engineer)			
DESIGN	DRAWN	CHECKED	JOB NO. APPE. BY
	A.F.C.		
HORIZ. SCALE:	DATE	SHT. OF SHTS.	
VERT:			

ENGINEER STAMP
SIGNATURE AND DATE

08/31/94