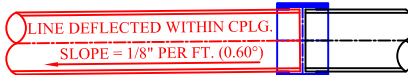


RECOMMENDED CONNECTION

ESSCO RECOMMENDS THE STRAUB COUPLING FOR JOINING THE ESSCO DRAIN HUBS OR CATCH BASINS TO THE UNDERGROUND PIPING. THE STRAUB COUPLING MEETS THE REQUIREMENTS OF ASME B16.5 MAKING IT EQUAL TO A FLANGE OR WELD CONNECTION. THE STRAUB COUPLING IS A MUCH SAFER AND FASTER CONNECTION THAN WELDING TO CARBON STEEL PIPE AND WILL ALSO CONNECT CAST IRON, DUCTILE IRON, HDPE, RCP, FRP AND PLASTIC PIPE. THE STRAUB COUPLING MAKES AN EXCEPTIONAL CONNECTION FOR UNDERGROUND PIPING BY ALLOWING THE PIPE TO BE DEFLECTED WITHIN THE COUPLING HOUSING TO MATCH THE SLOPE OF THE SEWER LINE. CONTACT ESSCO (225-753-1505) FOR MORE DETAILS



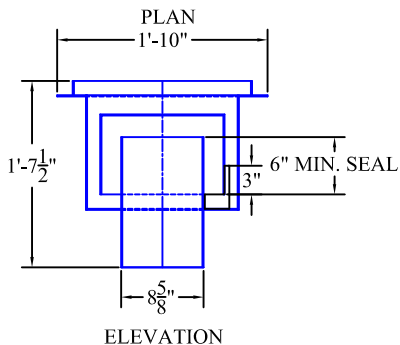
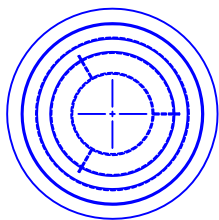
STRAUB COUPLINGS CAN BE USED TO CONNECT ALL UNDERGROUND PIPING AND IS A MUCH FASTER AND SAFER CONNECTION THAN WELDING. 8" BUTT WELD, FIELD FIT = 77 MIN. 8" STRAUB CONNECTION = 5 TO 10 MIN.



STRAUB COUPLING - 8"
P/N ESSF2LN8W52192



CAST IRON GRATE, HEAVY DUTY
DESIGNED FOR H-20 LOADING
NEENAH CAT. # R-5901-D
FLOW THROUGH GRATE
1" PONDING = 225 GPM
2" PONDING = 494 GPM
3" PONDING = 674 GPM
4" PONDING = 853 GPM



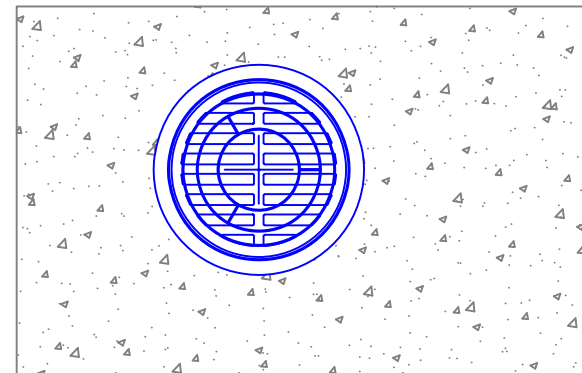
CATCH BASIN DESIGN REQUIREMENTS

1. FLOW REQUIRED (GPM) PER C B - _____
2. LINE SIZE - _____
3. LINE TYPE - _____ (CS, CI, DI, PVC, ETC.)
4. INVERT ELEVATION - _____

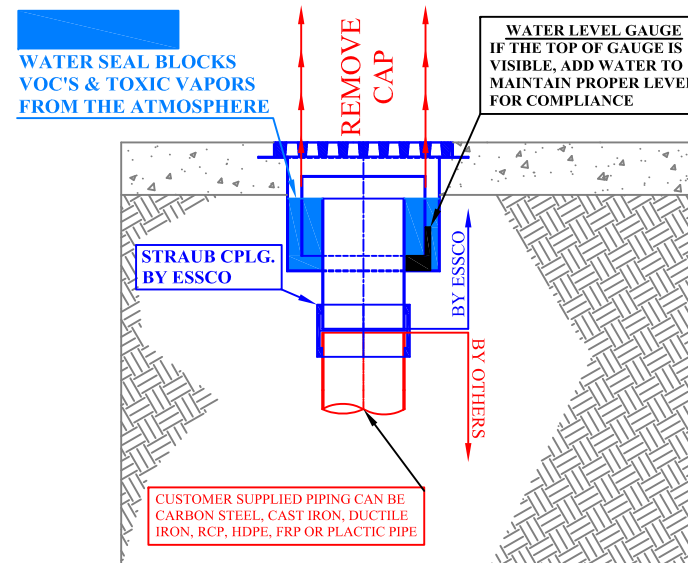
ESSCO CATCH BASINS CAN BE DESIGNED FOR ANY LINE SIZE, LINE TYPE & FLOW REQUIREMENT

ESSCO CATCH BASINS & DRAIN HUBS ALLOW WATER TO FLOW THROUGH THE DRAIN WHILE BLOCKING HYDROCARBONS, TOXIC & FLAMABLE VAPORS FROM THE ATMOSPHERE. THE CAP IS REMOVABLE TO ALLOW FLUSHING OF ANY HYDROCARBONS THAT COLLECT ON THE WATER SEAL. ESSCO DRAINS ARE COMPLIANT WITH THE FOLLOWING:

1. EPA COMPLIANCE FOR QQQ, B-1 & HON
2. API RP 500, 10.13.1, FIGURE 58, TYPE 1 OPEN DRAIN



NOTE
ESSCO CATCH BASINS CAN BE USED AS A CLEAN OUT BY SIMPLY REMOVING THE CAP



ESSCO HEAVY DUTY SURFACE DRAIN CATCH BASIN FOR 8" LINE
FLOW RATE = 925 GPM (APPROXIMATE) THROUGH CATCH BASIN WITHOUT GRATE
FLOW RATE DOES NOT ACCOUNT FOR ANY FRICTION LOSSES IN UNDERGROUND PIPING
HIGHER FLOW RATES AVAILABLE. CONTACT ESSCO FOR DESIGN DETAILS

CUSTOMER:	DATE:	MATERIAL: TYPE 304 STAINLESS STEEL	DWG. NO:	REV : 0
	ESSCO PRODUCTS ARE PROTECTED BY U.S. & INTERNATIONAL PATENTS AND/OR PATENTS PENDING			
SERIAL NO.:	ESSCO CATCH BASIN, HEAVY DUTY			
	ESSCO ENVIROSAFE SEALING SYSTEMS CO., INC. BATON ROUGE, LA (225) 753-1505			
		MODEL: ECB-SDHD-16R8-12		