

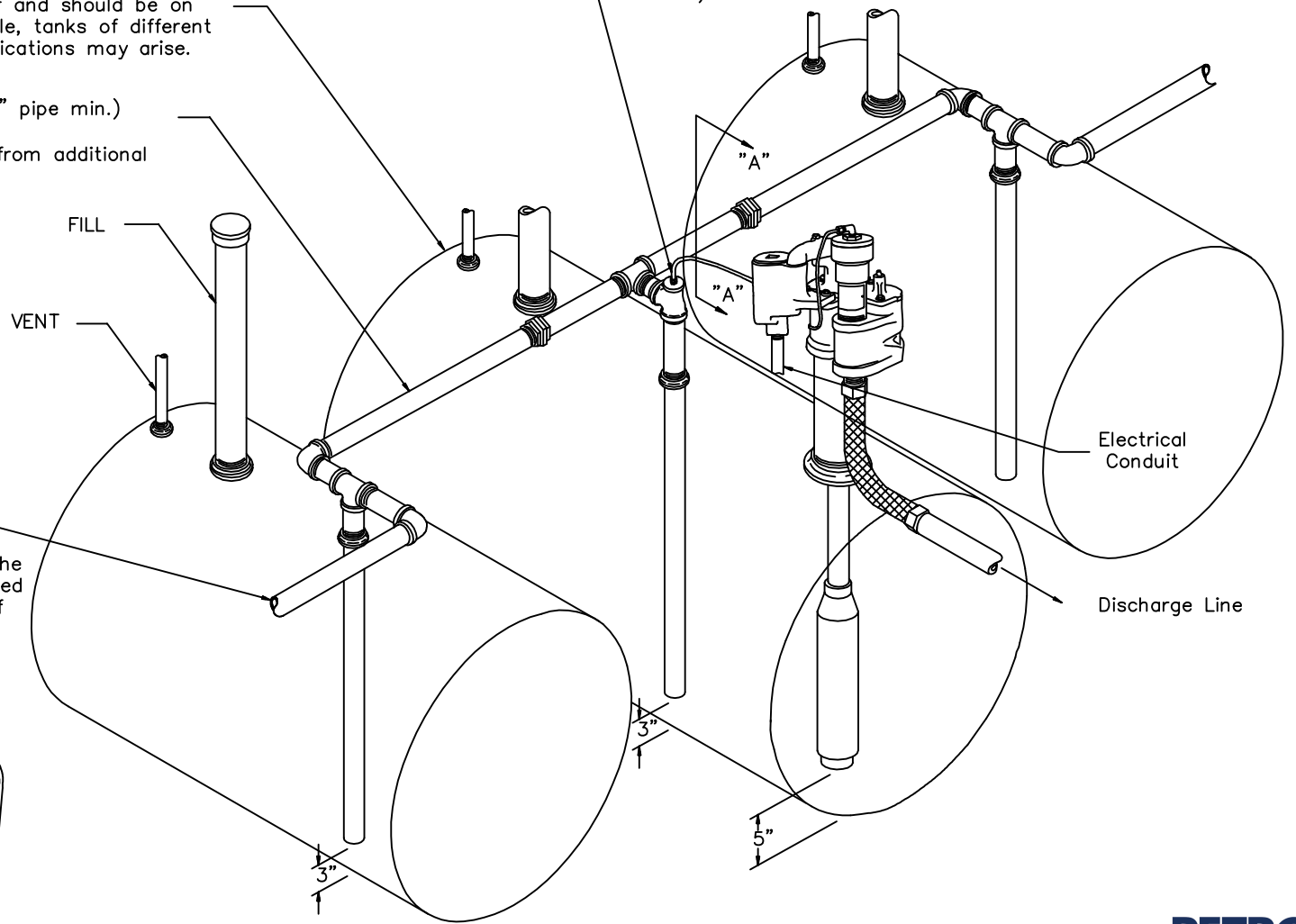
TYPICAL SYPHON SYSTEM  
FOR SYPHON SYSTEM TESTING SEE SB005

Note:  
Tanks should be of same diameter and should be on the same plane. When not possible, tanks of different diameters can be used, but complications may arise.

Syphon line (recommended 2" pipe min.)  
Note:  
Pitch upward 1/8" per foot from additional tanks toward submersible.

Connect copper tubing to highest point in syphon line (from bottom of syphon check valve assembly, see view "A-A")

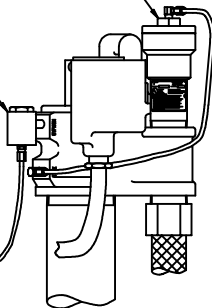
From additional tanks where req.  
Note:  
When syphoning three or more tanks together, the submersible and syphon attached should be placed in the tank nearest the center of the battery of tanks.



Mechanical line leak detector (vented to tank port)

Syphon check valve assembly (into syphon port)

Copper tubing (see main detail)



VIEW "A-A"

Note:  
Installation must conform to applicable national, state, and local code requirements.



REV	DESCRIPTION	EDN NO.	BY	DATE
1	ENGINEERING RELEASE			
2	ENLARGE TEXT	00003		08/27/13
3	ADDED THIRD TANK	1000000	CM	08/27/13

FILE: SYPHON SYSTEM WITH INSTRUCTIONS	
DRAWN: BCS DATE: 2/19/97	REV NO: ENGSK12A DATE: 3/10/97
APPROV: DPK DATE: 3/10/97	SCALE: NONE SHEET 1 OF 1

TO BE USED FOR: <input type="checkbox"/> WELD PROD <input type="checkbox"/> CONTROL BOX <input type="checkbox"/> HIGH CAP <input type="checkbox"/> PUMP PROD <input type="checkbox"/> SYP PROD <input type="checkbox"/> HANDED PROD <input type="checkbox"/> PWA PROD <input type="checkbox"/> SYP FITTING <input type="checkbox"/> SPARE PARTS <input type="checkbox"/> OTHER	
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