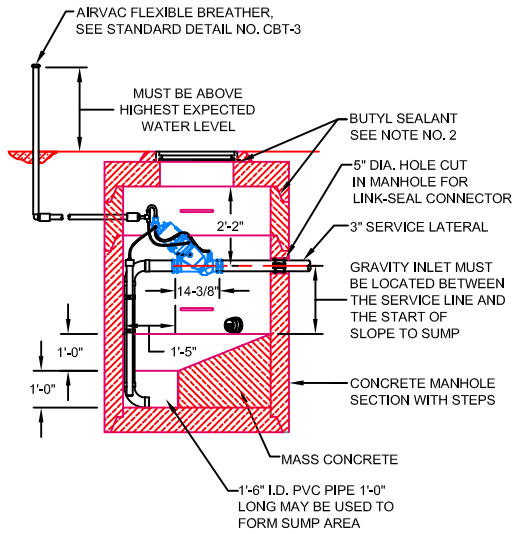
NOTE:
1. BREATHER DOME HEIGHT MUST BE ABOVE FLOOD LEVEL AND SHOULD BE PLACED NEXT TO A STATIONARY OBJECT.

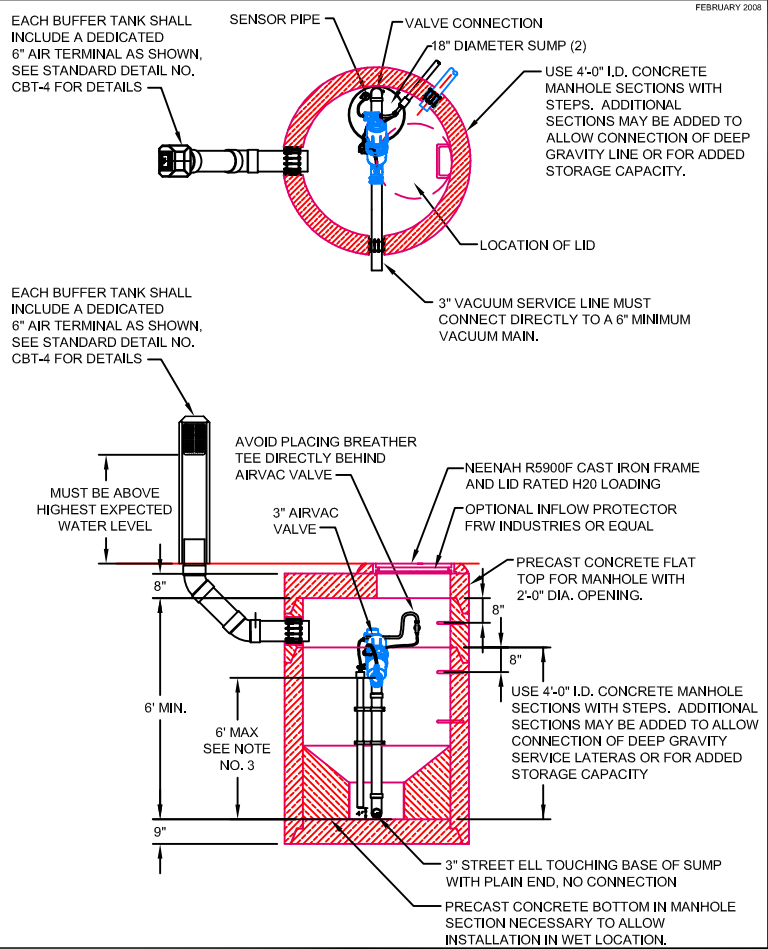
2. BUFFER TANK UNIT MUST BE WATER TIGHT. SEAL ALL JOINTS WITH BUTYL SEALANT. TEST FOR LEAKS PER AIRVAC SPECIFICATIONS IN INSTALLATION MANUAL.

3. ANY LIFT EXCEEDING 6' MUST BE ADDED TO HEAD LOSSES ON VACUUM MAIN AND SERVICE LINE TO DETERMINE IF SUFFICIENT VACUUM HEAD IS AVAILABLE.

4. IF MANHOLE IS MORE THAN 5' DEEP A SERVICE PLATFORM MAY BE REQUIRED FOR VALVE MAINTENANCE.

5. SECURE 2" SENSOR PIPE AND 3" SUCTION PIPE TO BUFFER TANK SIDE WALL WITH STAINLESS STEEL UNISTRUT, SEE STANDARD DETAIL NO. CBT-6.





SINGLE BUFFER TANK USING 4' MANHOLE

N.T.S. | STANDARD DETAIL NO. CBT-1

NOTE:
1. BREATHER DOME HEIGHT MUST BE ABOVE FLOOD LEVEL AND SHOULD BE PLACED NEXT TO A STATIONARY OBJECT.

2. BUFFER TANK UNIT MUST BE WATER TIGHT. SEAL ALL JOINTS WITH BUTYL SEALANT. TEST FOR LEAKS PER AIRVAC SPECIFICATIONS IN INSTALLATION MANUAL.

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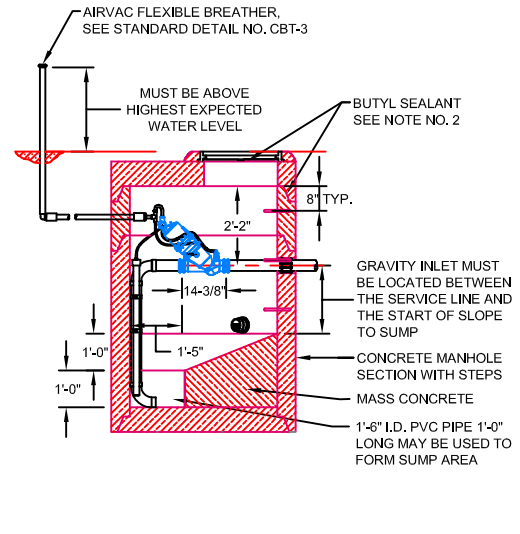

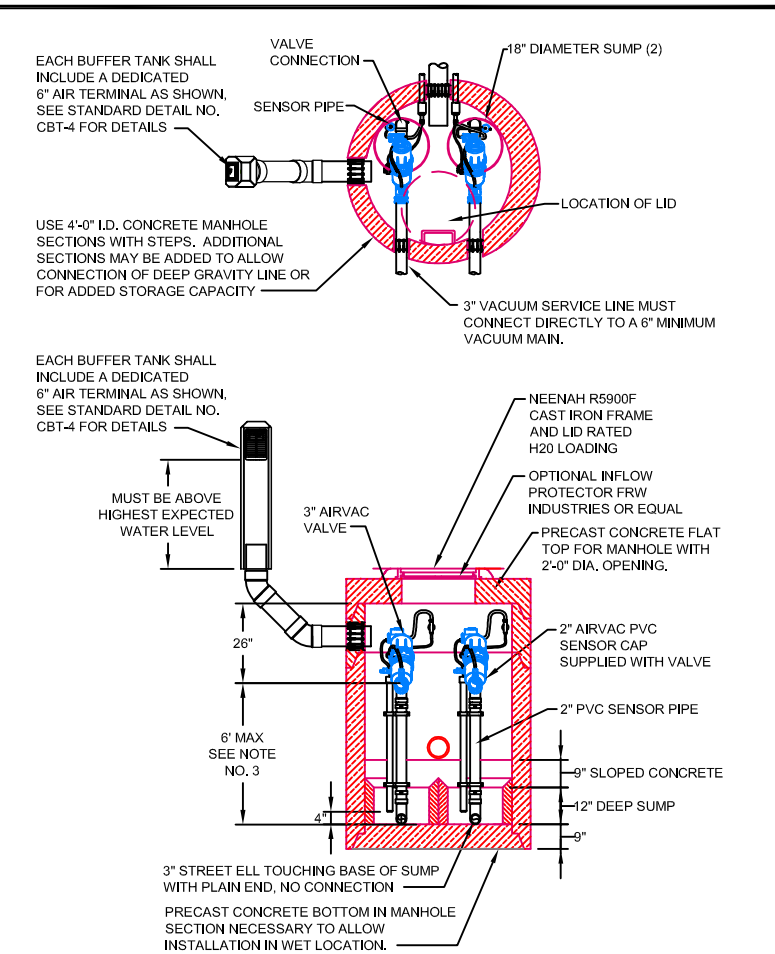

DUAL BUFFER TANK USING 4' MANHOLE

N.T.S. | STANDARD DETAIL NO. CBT-2

AIRVAC® VACUUM DETAIL

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NO.	REVISIONS	DATE

TITLE: CONCRETE BUFFER TANK DETAILS (1)

SHEET NO.: SD-31