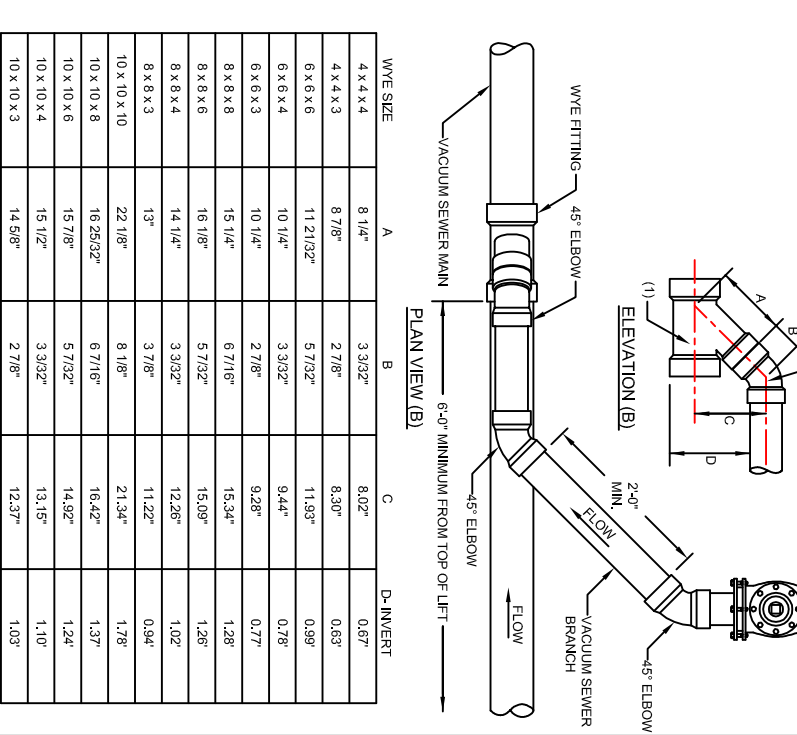
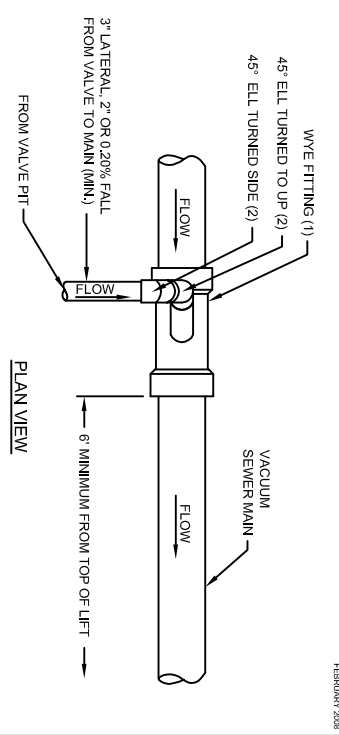


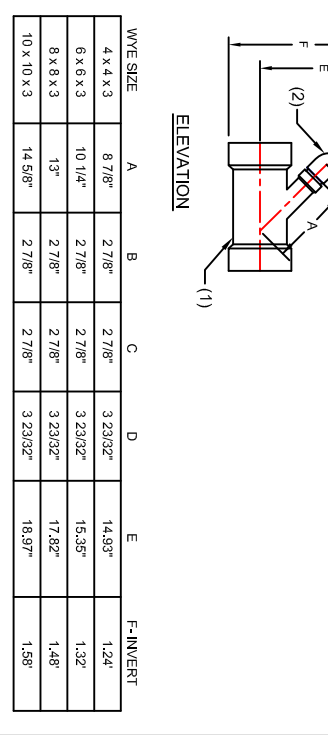
DIMENSIONS BASED ON SPEARS MANUFACTURING  
 1. 45° WYE, SOCKET X SOCKET  
 2. 45° ELL, SOCKET X SOCKET



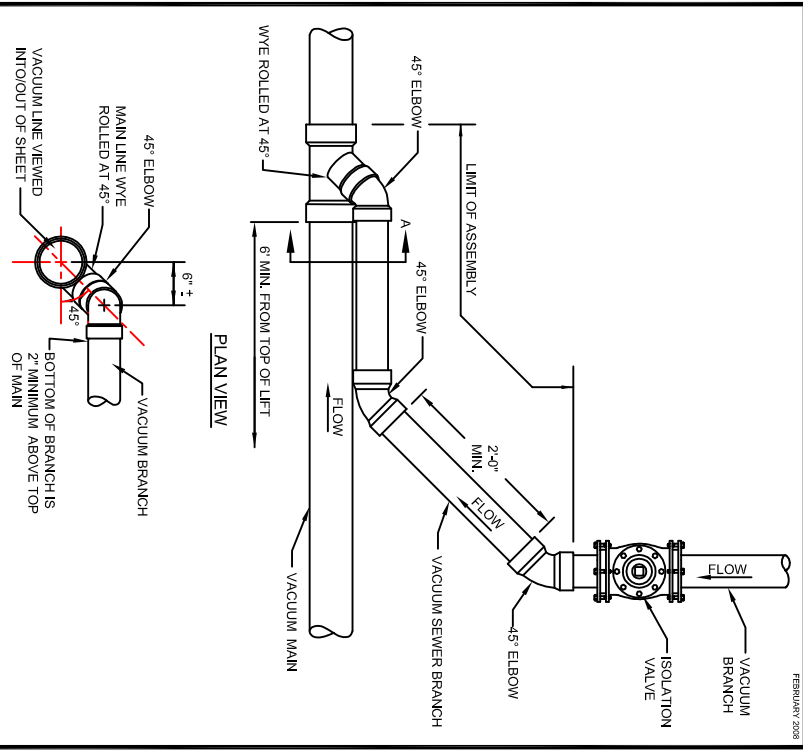
BRANCH TO MAIN CONNECTION ASSEMBLY - OPTION 1  
 N.T.S. STANDARD DETAIL NO. VM-C-1



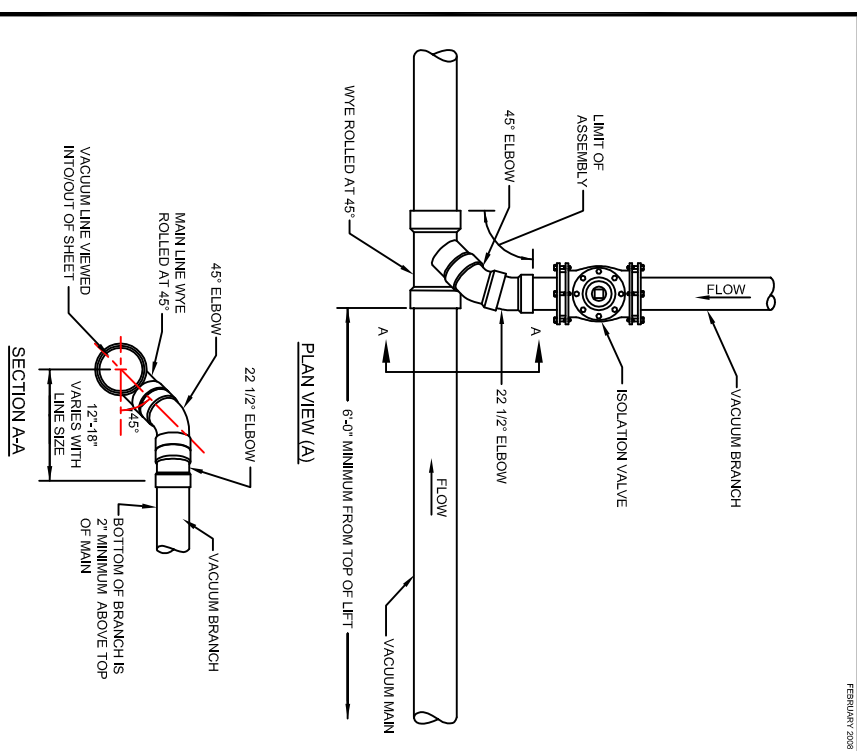
DIMENSIONS BASED ON SPEARS MANUFACTURING  
 1. 45 DEG WYE, SOCKET X SOCKET  
 2. 45 DEG ELL, SOCKET X SOCKET



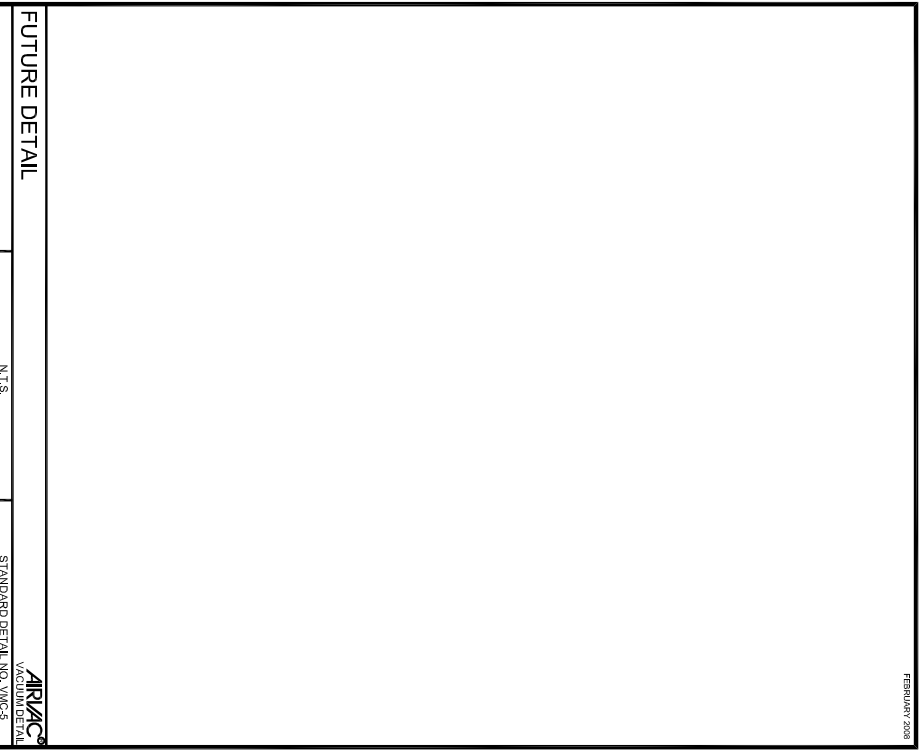
PREFERRED VALVE PIT TO MAIN CONNECTIONS  
 N.T.S. STANDARD DETAIL NO. VM-C-4



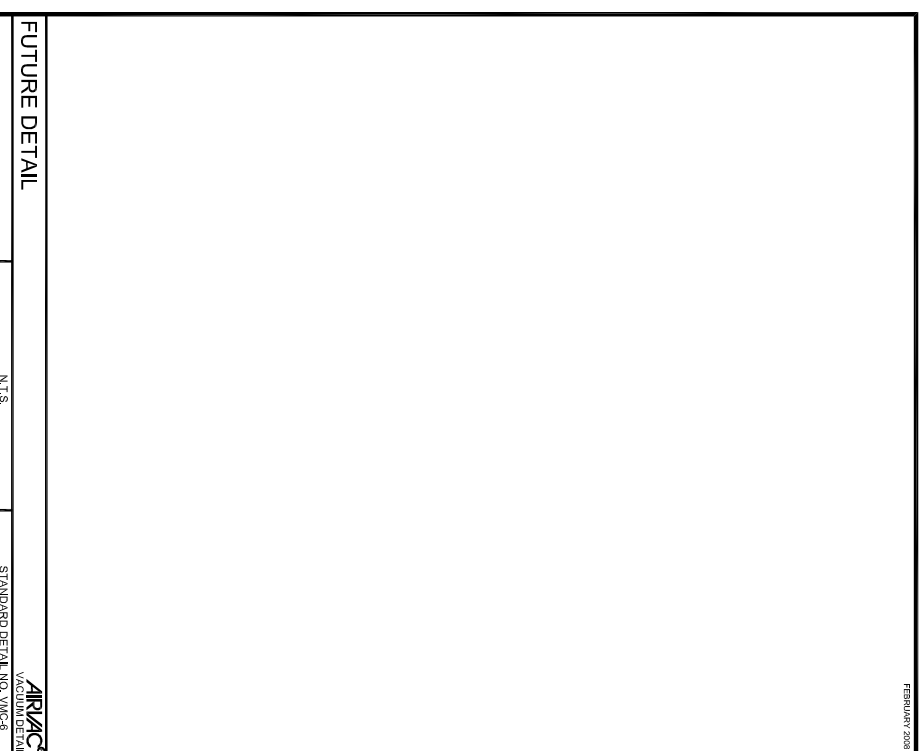
BRANCH TO MAIN CONNECTION ASSEMBLY - OPTION 2  
 N.T.S. STANDARD DETAIL NO. VM-C-2



BRANCH TO MAIN CONNECTION ASSEMBLY - OPTION 3  
 N.T.S. STANDARD DETAIL NO. VM-C-3



FUTURE DETAIL  
 N.T.S. STANDARD DETAIL NO. VM-C-5



FUTURE DETAIL  
 N.T.S. STANDARD DETAIL NO. VM-C-6

**AIRVAC**  
 VACUUM DETAIL

NO. 1

DATE 3-31-09

REVISIONS

TITLE VACUUM MAIN CONNECTION DETAILS

SHEET NO. SD-23

NO. 1