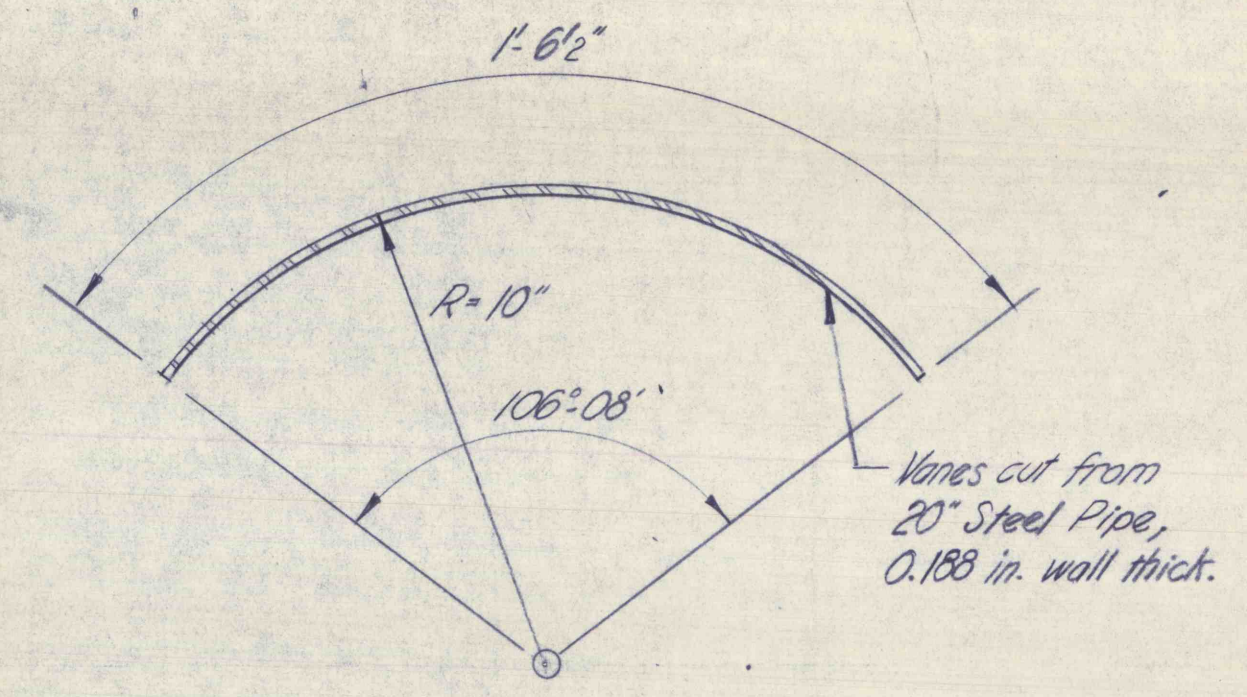
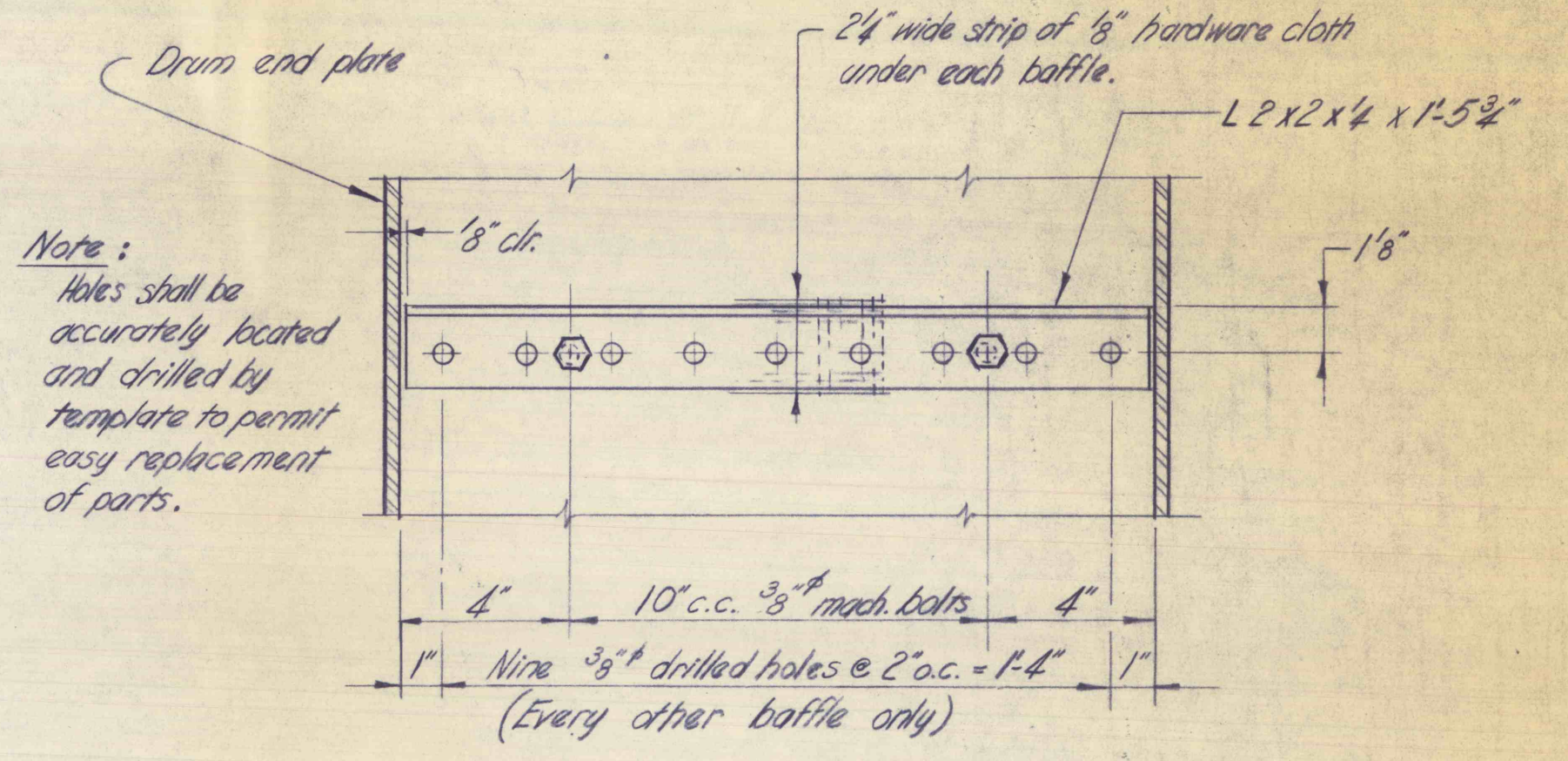


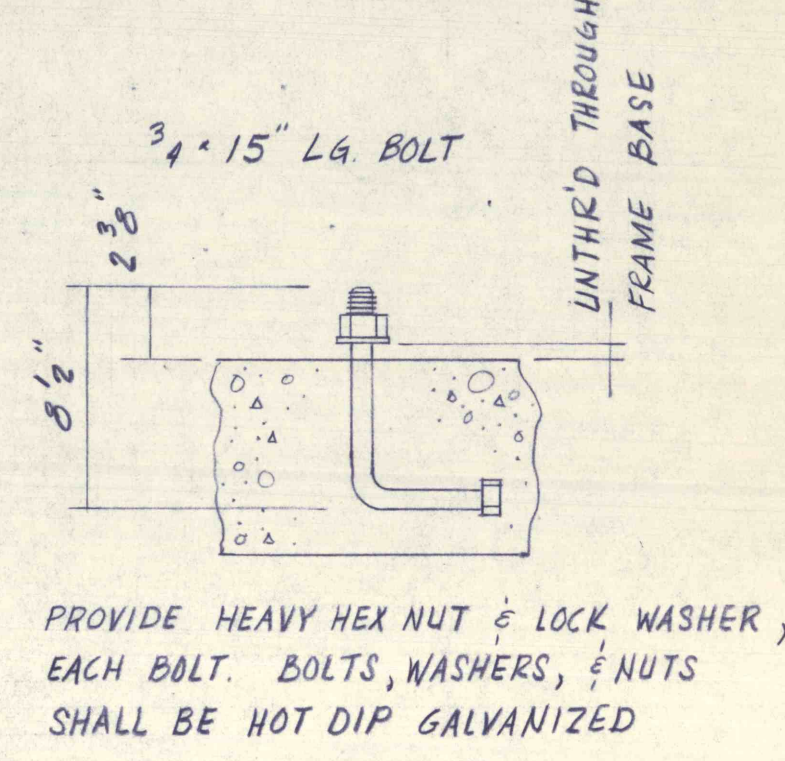
**SECTION THROUGH WHEEL**  
SCALE: 3" = 1'-0"



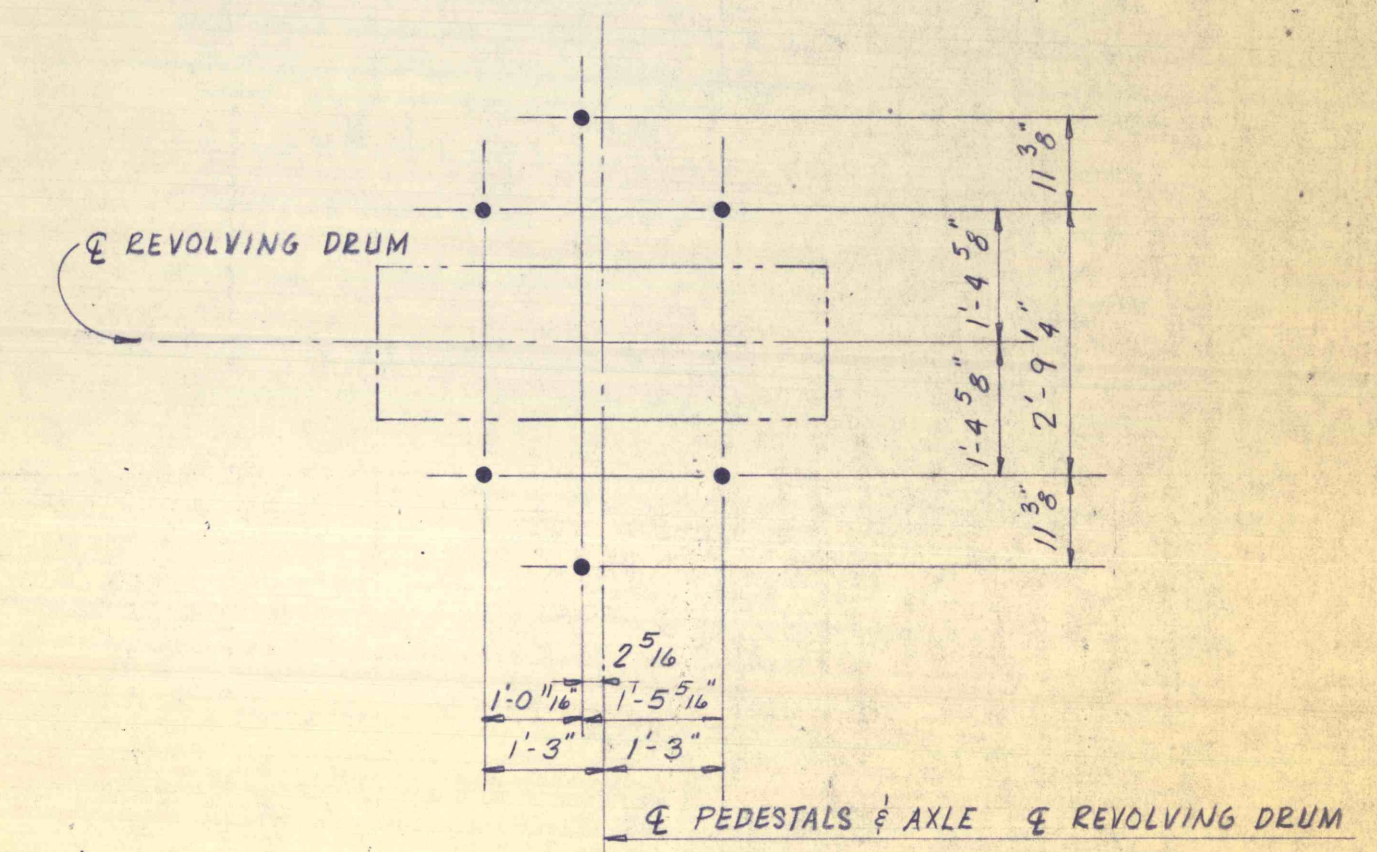
**VANE DETAIL**  
SCALE: 3" = 1'-0"



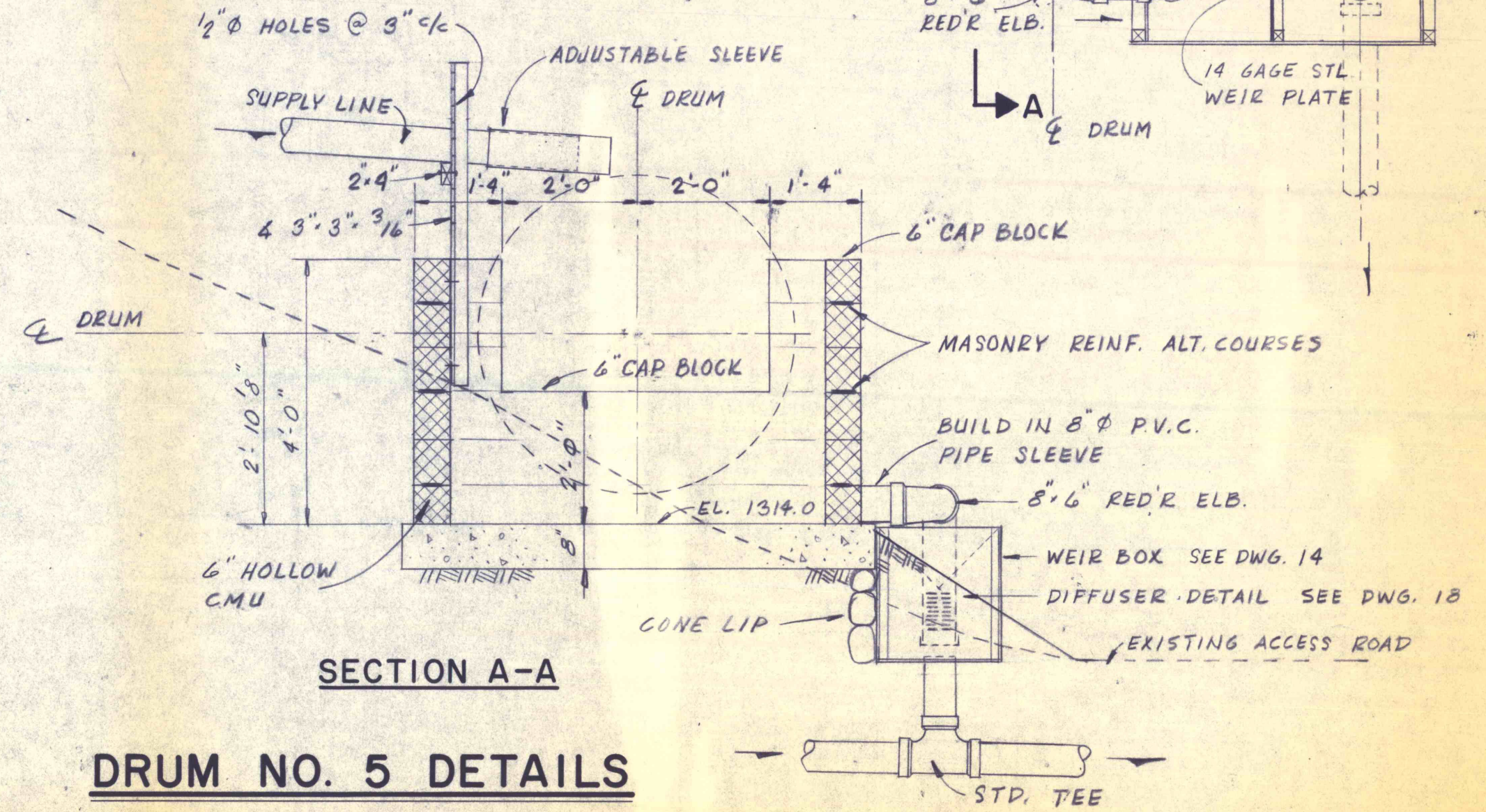
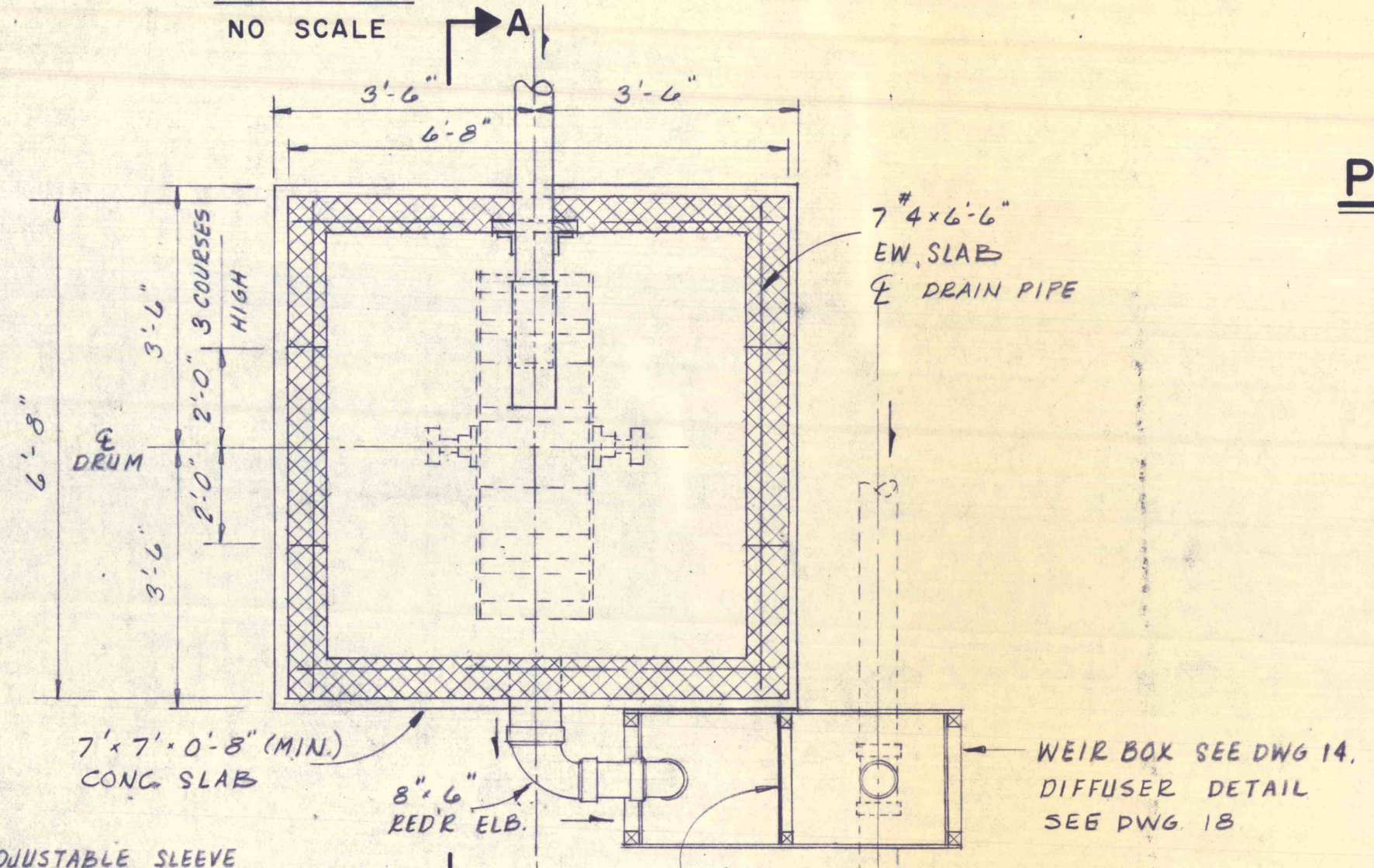
**BAFFLE DETAIL**  
SCALE: 3" = 1'-0"



**ANCHOR BOLT DETAIL**  
NO SCALE



**ANCHOR BOLT PLACEMENT PLAN**  
SCALE: 1/2" = 1'-0"



**SECTION A-A**  
**DRUM NO. 5 DETAILS**  
SCALE: 1/2" = 1'-0"

NO.	DATE	REVISION	APPR.
SUBMITTED			
PROFESSIONAL			<i>Stephen J. McBride</i>
APPROVED			<i>Andrew E. Friedrich</i> CHIEF - DIVISION OF MINE AREA RESTORATION
APPROVED			<i>S. E. Kyle for V. M. Brand</i> DIRECTOR - BUREAU OF RESOURCES PROGRAMMING
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES OFFICE OF RESOURCES MANAGEMENT			
CONTRACT NO. SL 135-10-102.1			
<b>QUAKAKE TUNNEL            DEMONSTRATION PROJECT</b> PACKER TWP. CARBON CO., PA.			
GEO - Technical Services CONSULTING ENGINEERS & GEOLOGISTS 851 So. 19th St. HARRISBURG, PENNA.			
<b>REVOLVING DRUM            DETAILS</b>			
DRAWN BY	DATE	DRAWING NO.	
J.L.T.	APRIL 1977		
CHECKED BY	SCALE		
S.J.M.	As Shown		