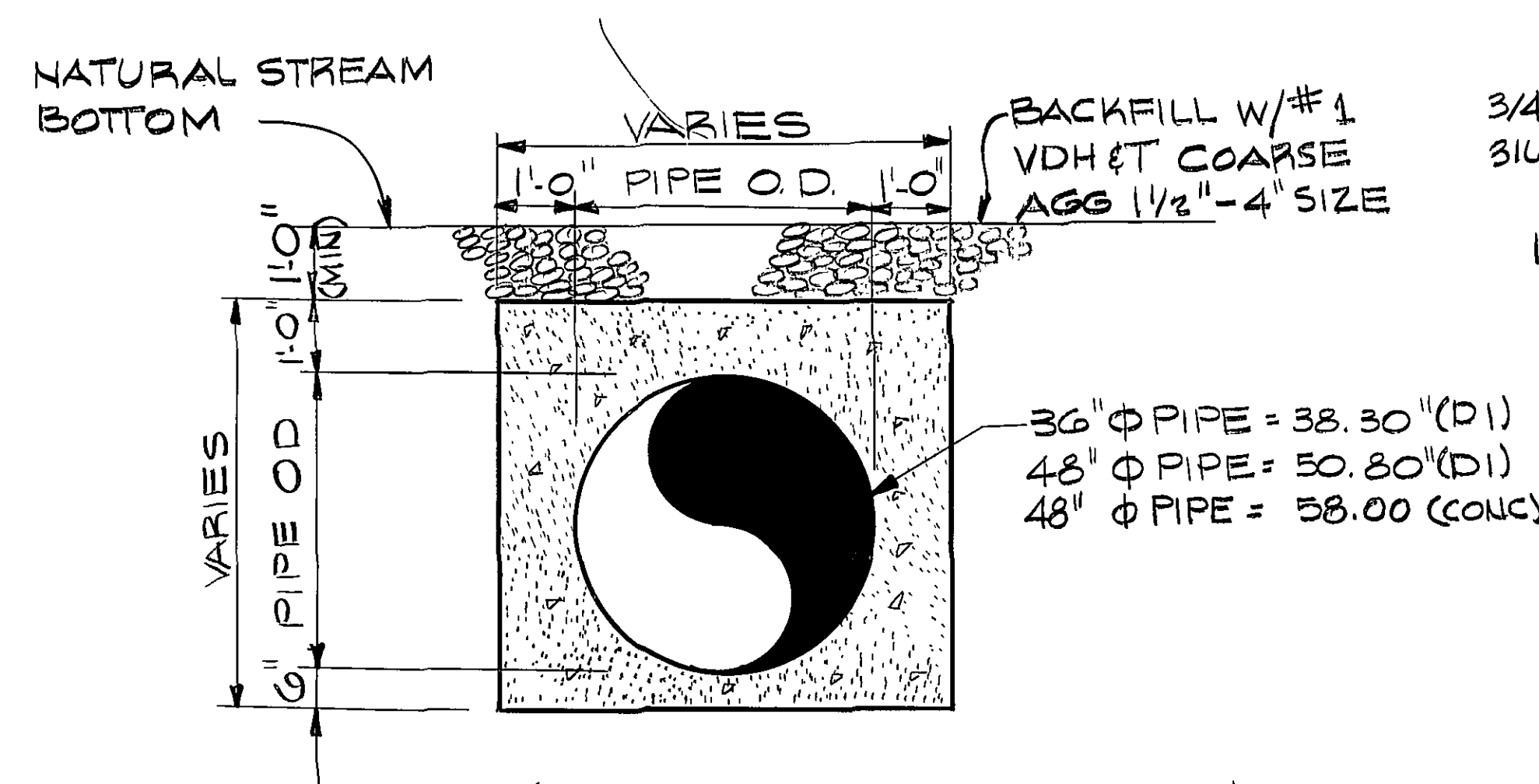
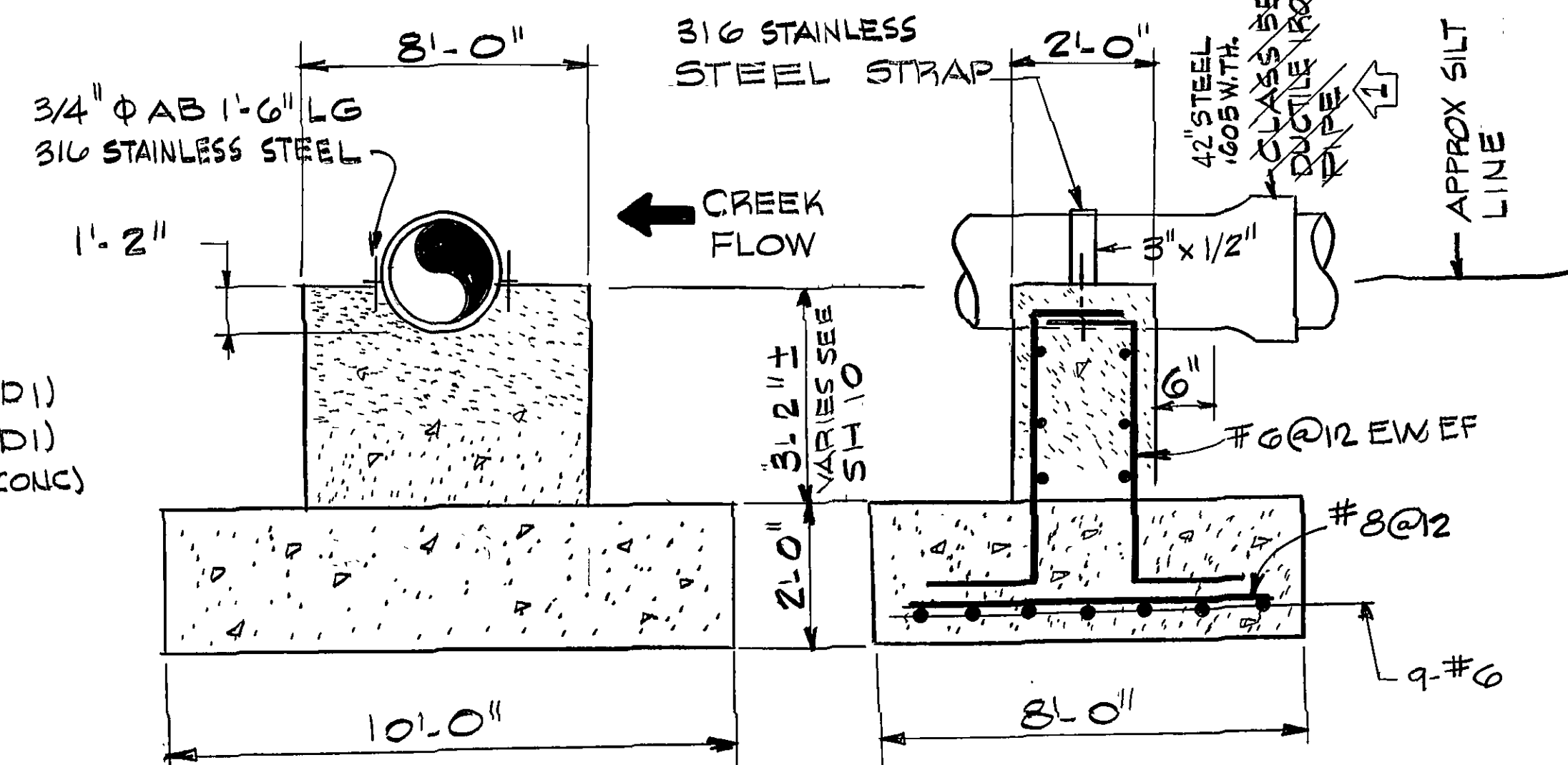


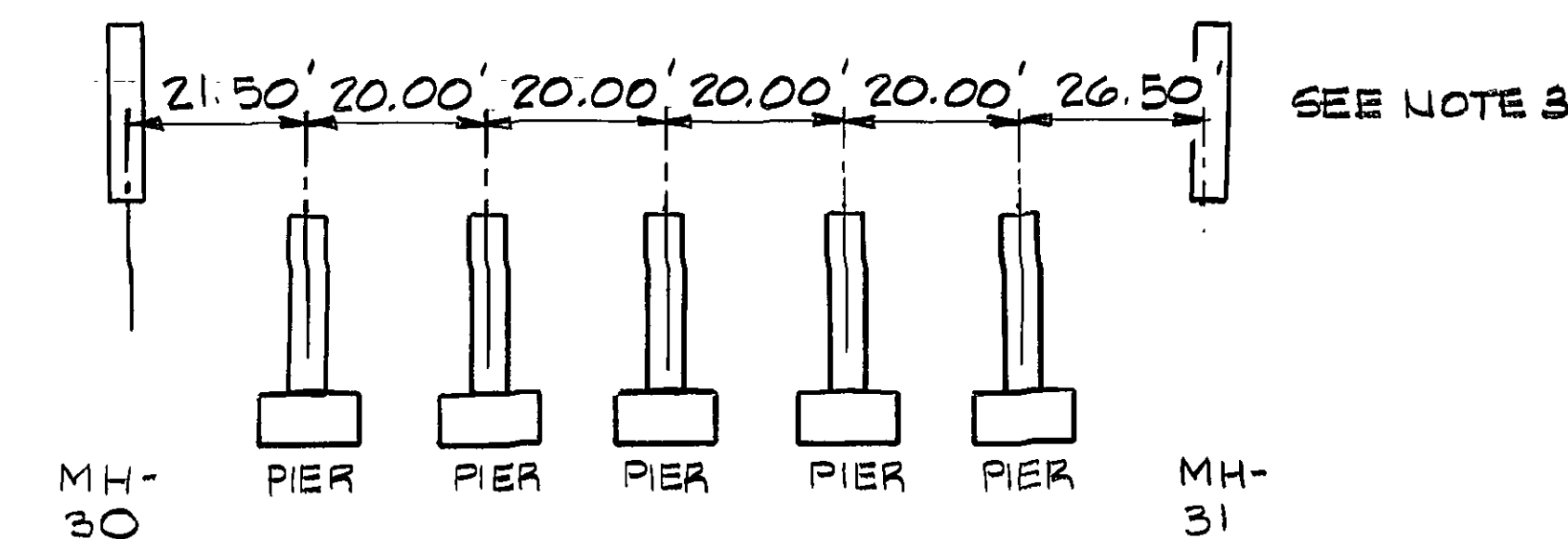


(SINGLE PIPE ENCASEMENT)

SECTION 1
SCALE: 1/2" = 1'-0"

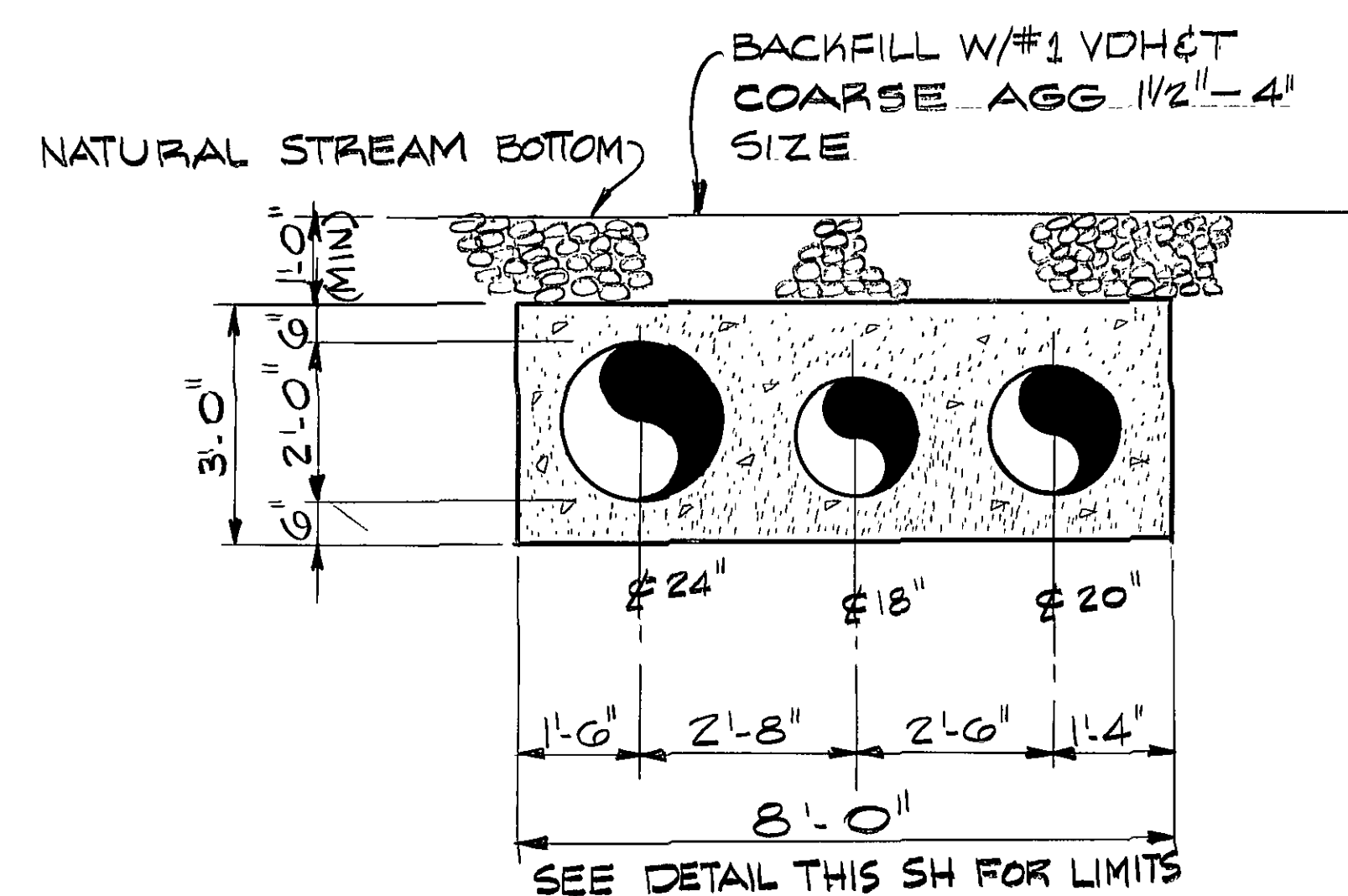


TYPICAL CONCRETE PIER DETAIL
NO SCALE

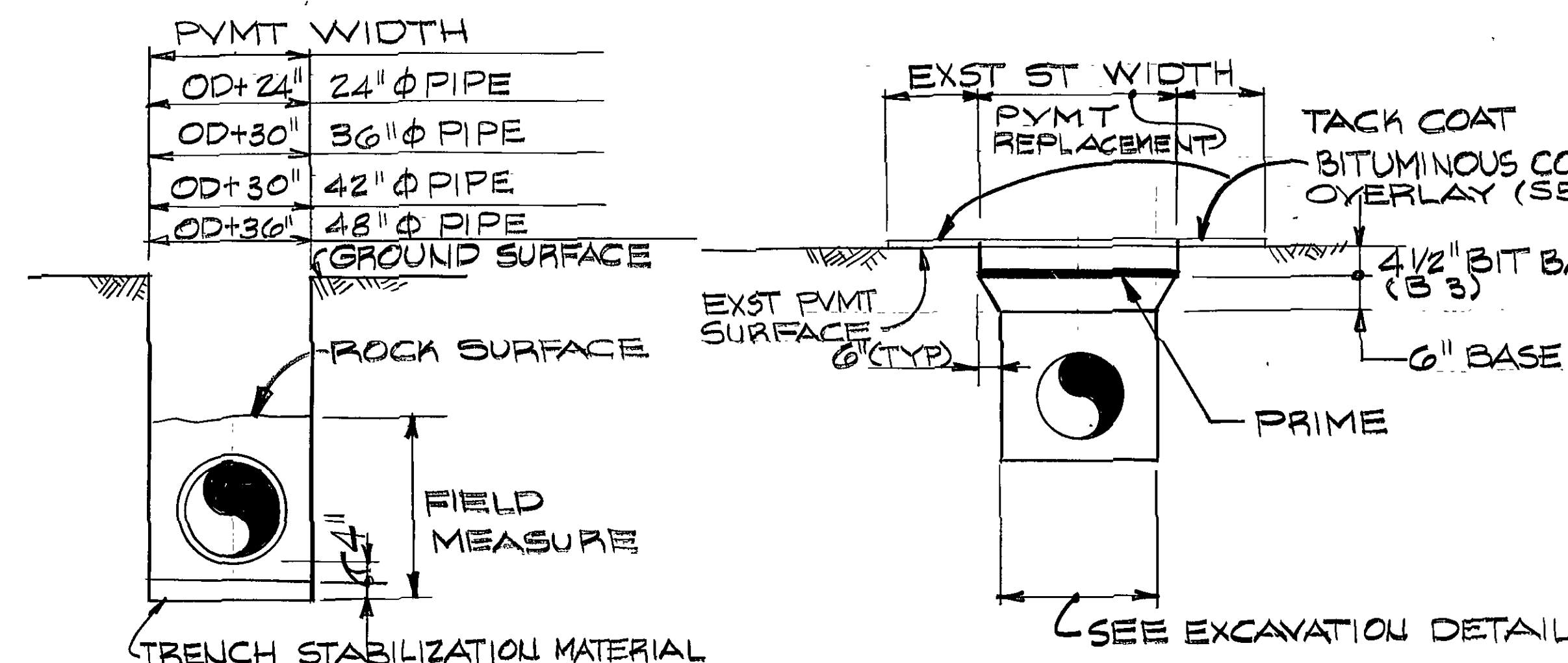


- NOTES:
- 1) ASSUMES 20' LAYING LENGTH SPACING SHALL BE ADJUSTED FOR 22' LAYING LENGTH - BUT 5 PIERS STILL REQUIRED - ALSO, SHALL BE ADJUSTED FOR 18" LENGTH
 - 2) BOTTOM OF FOOTING OF EACH PIER SHALL REST ON ROCK. IF ROCK EL IS HIGHER THAN THAT SHOWN, PIER STEM CAN BE SHORTENED. IF STEM IS SHORTENED, DIMENSIONS OF BASE OR STEM SHALL BE INCREASED SUCH THAT THE TOTAL VOLUME OF CONCRETE FOR EACH PIER REMAINS THE SAME.
 - 3) PIPE NOT SHOWN - PIPE SHALL BE CLASS 55 DUCTILE IRON

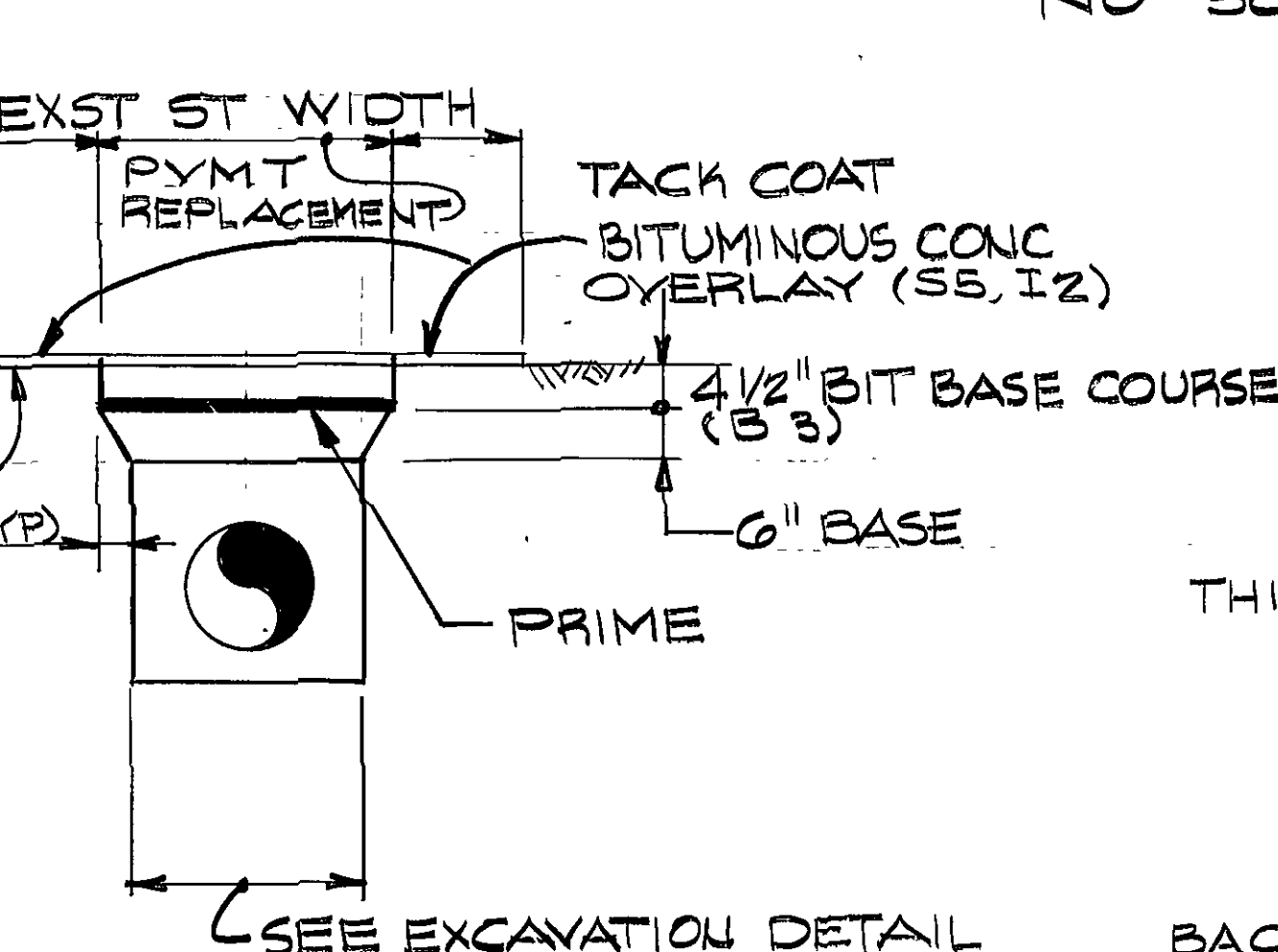
PIER SPACING DETAIL
NO SCALE



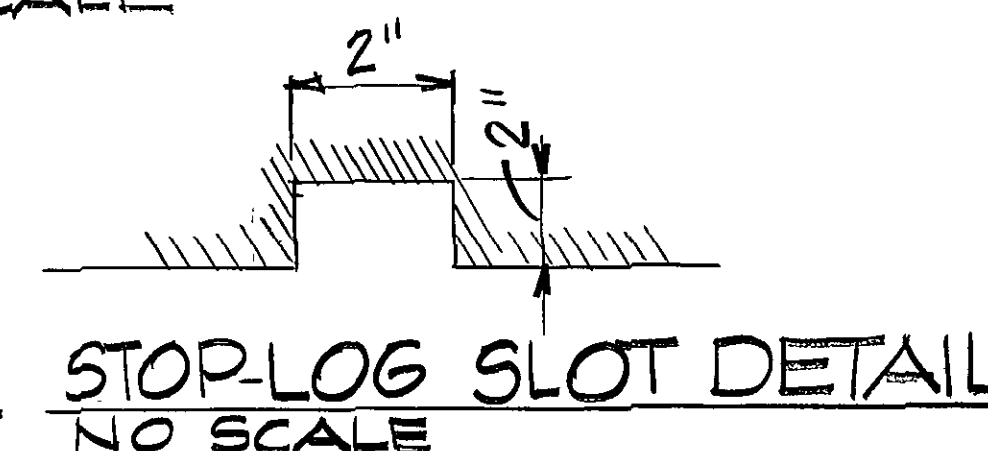
SECTION 2
SCALE: 1/2" = 1'-0"



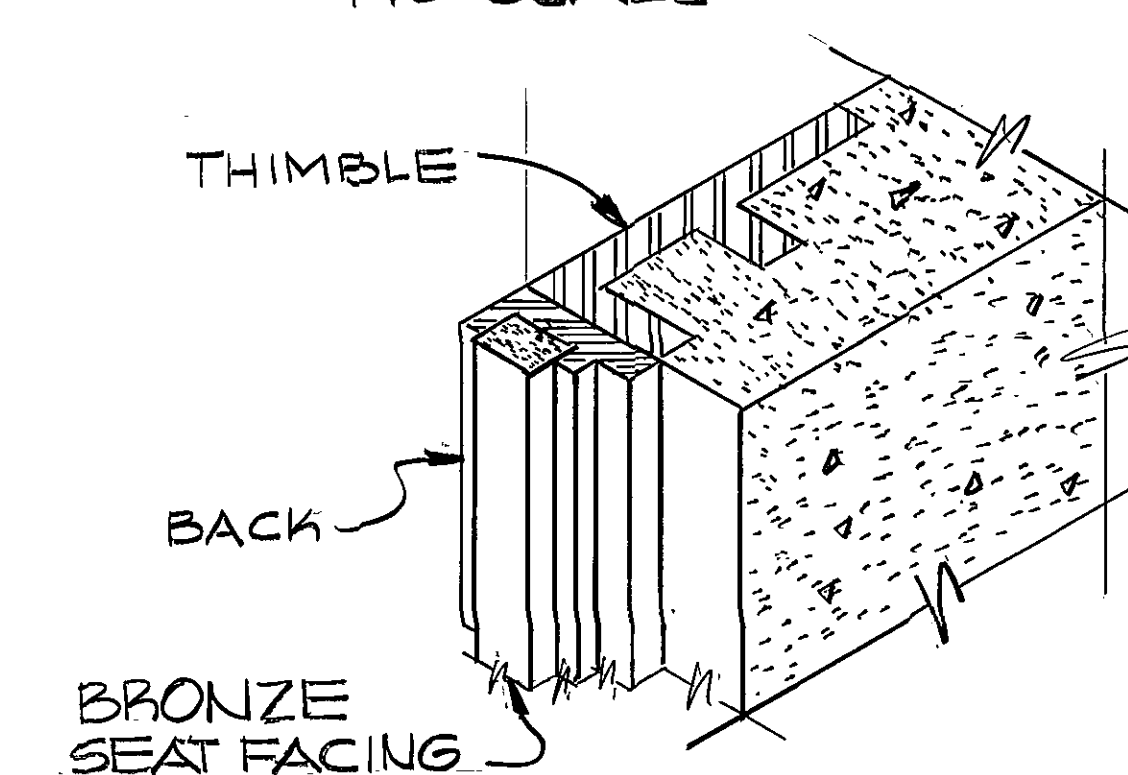
EXCAVATION DETAIL FOR
ROCK MEASUREMENT
NO SCALE



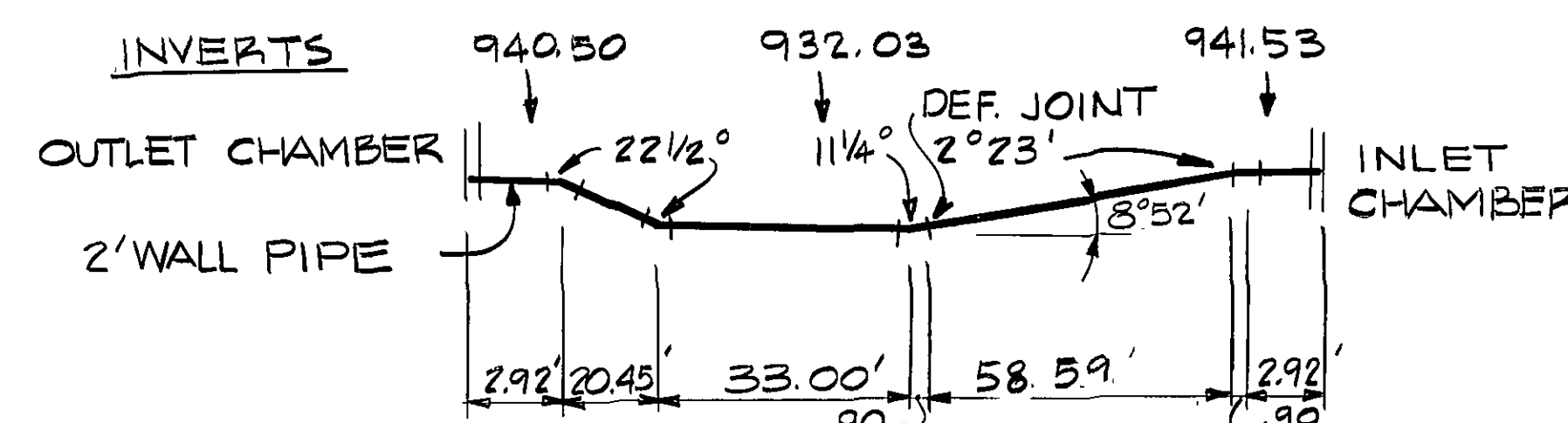
PAVEMENT DETAIL
NO SCALE



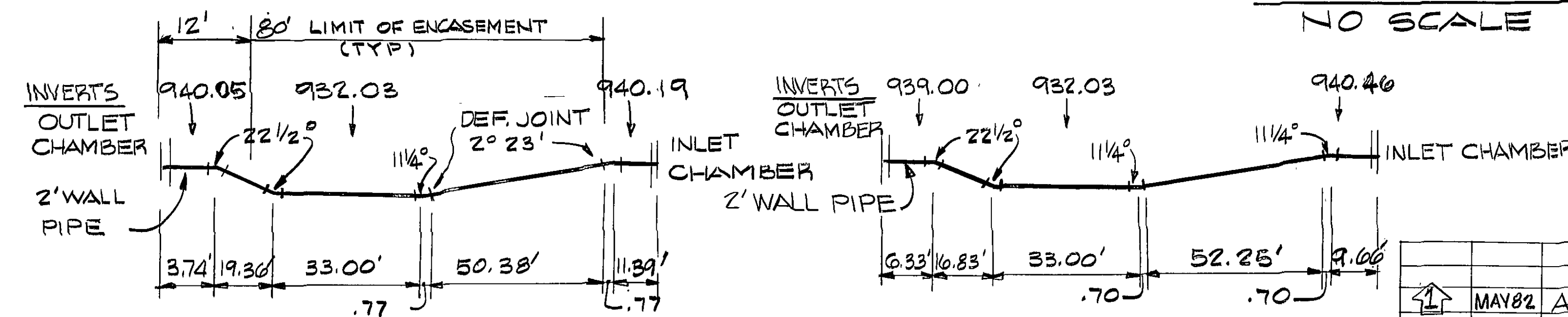
STOP LOG SLOT DETAIL
NO SCALE



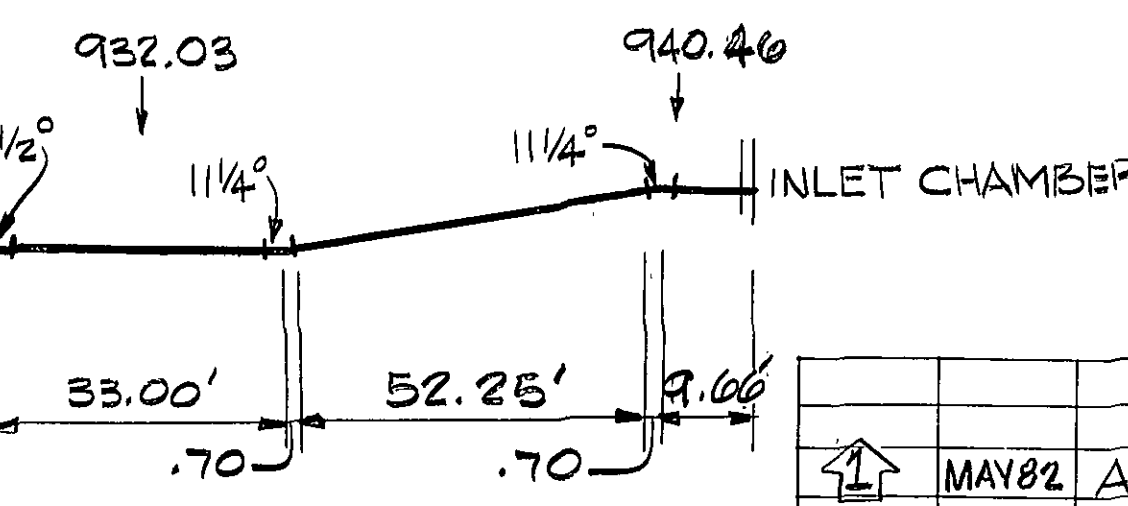
SLUICE GATE
THIMBLE DETAIL
NO SCALE



24" PIPE

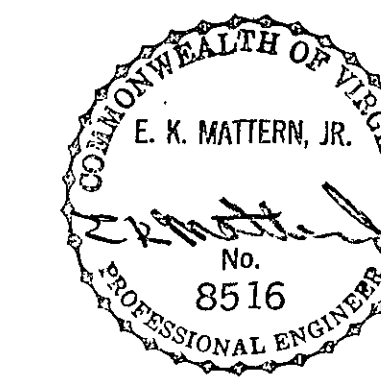


20" PIPE
INVERTED SIPHON PIPES
LOCATION
NO SCALE



18" PIPE

MAY 1982
AS BUILT



REVISION	DATE	DESCRIPTION	BY	APP
1	MAY 82	AS BUILT	DMC	SWH
DESIGNED	SWH	TINKER CREEK SANITARY SEWER INTERCEPTOR		
DRAWN	MTA	TYPICAL DETAILS		
CHECKED	DMC	CITY OF ROANOKE, VIRGINIA		
APPROVED	SWH			
SUBMITTED	DMC			
Mattern and Craig		SCALE: AS NOTED	COMM. NO. 347	
CONSULTING ENGINEERS		DATE: OCT 1980	SHEET 21	
ROANOKE, VIRGINIA				