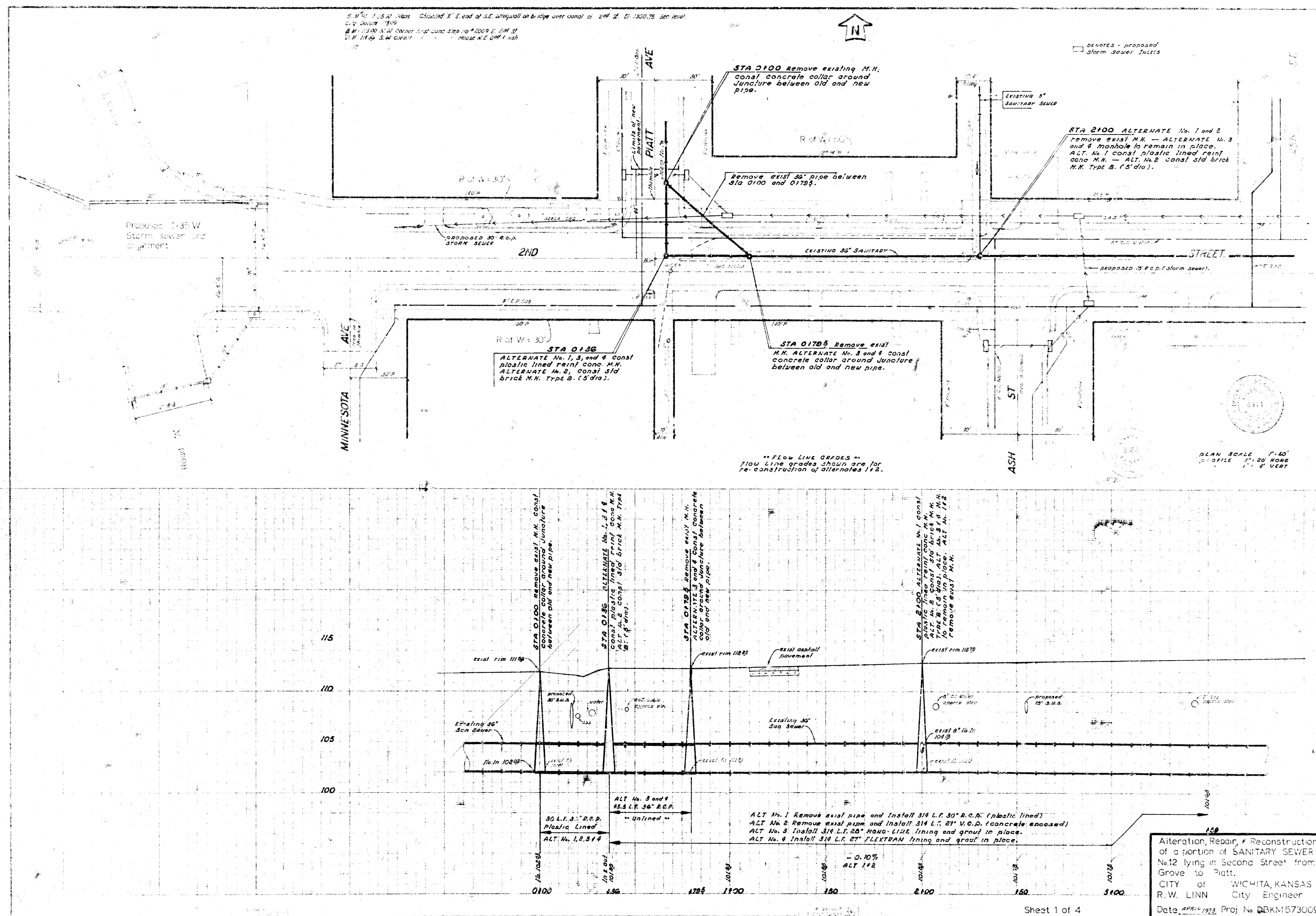
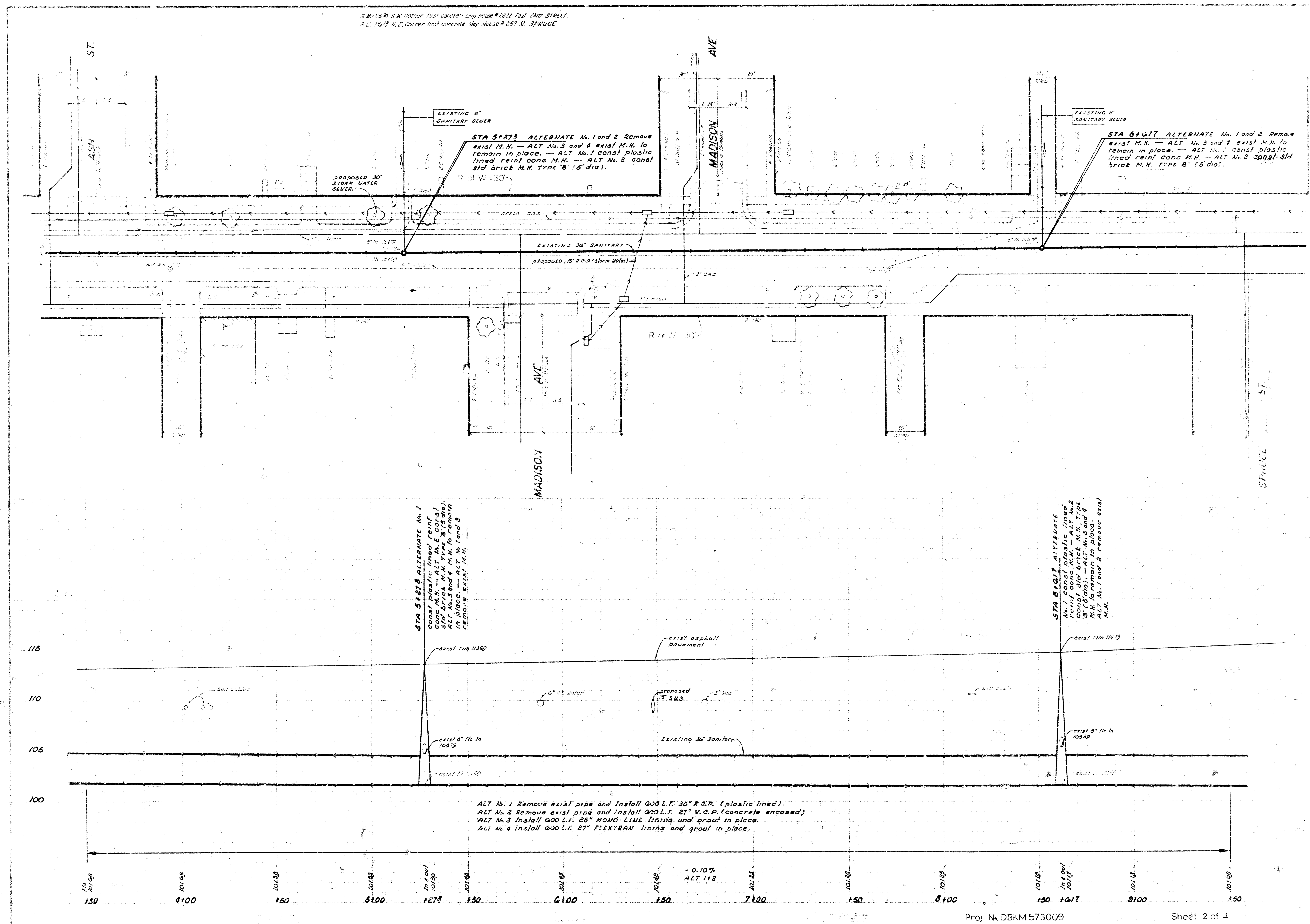
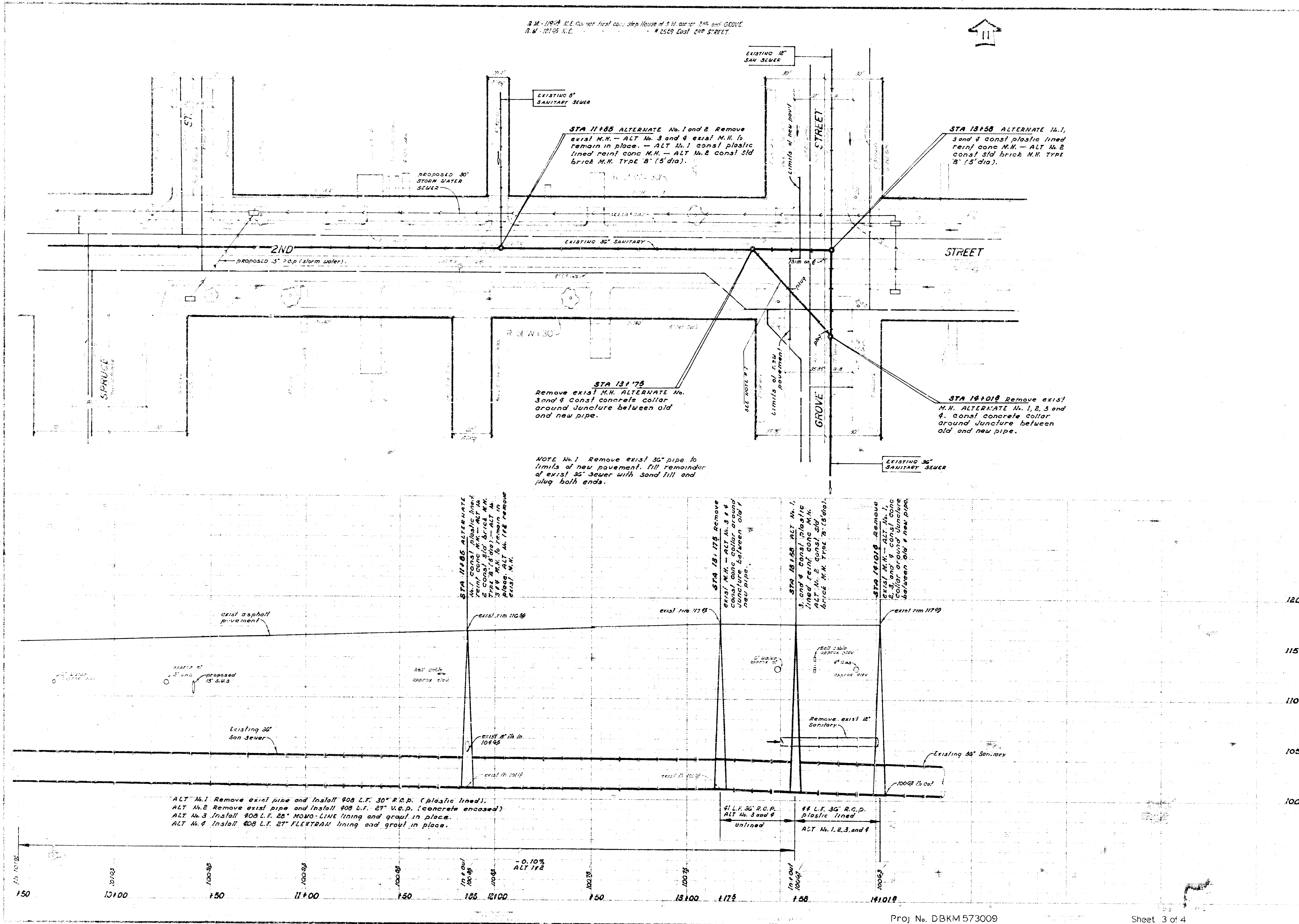
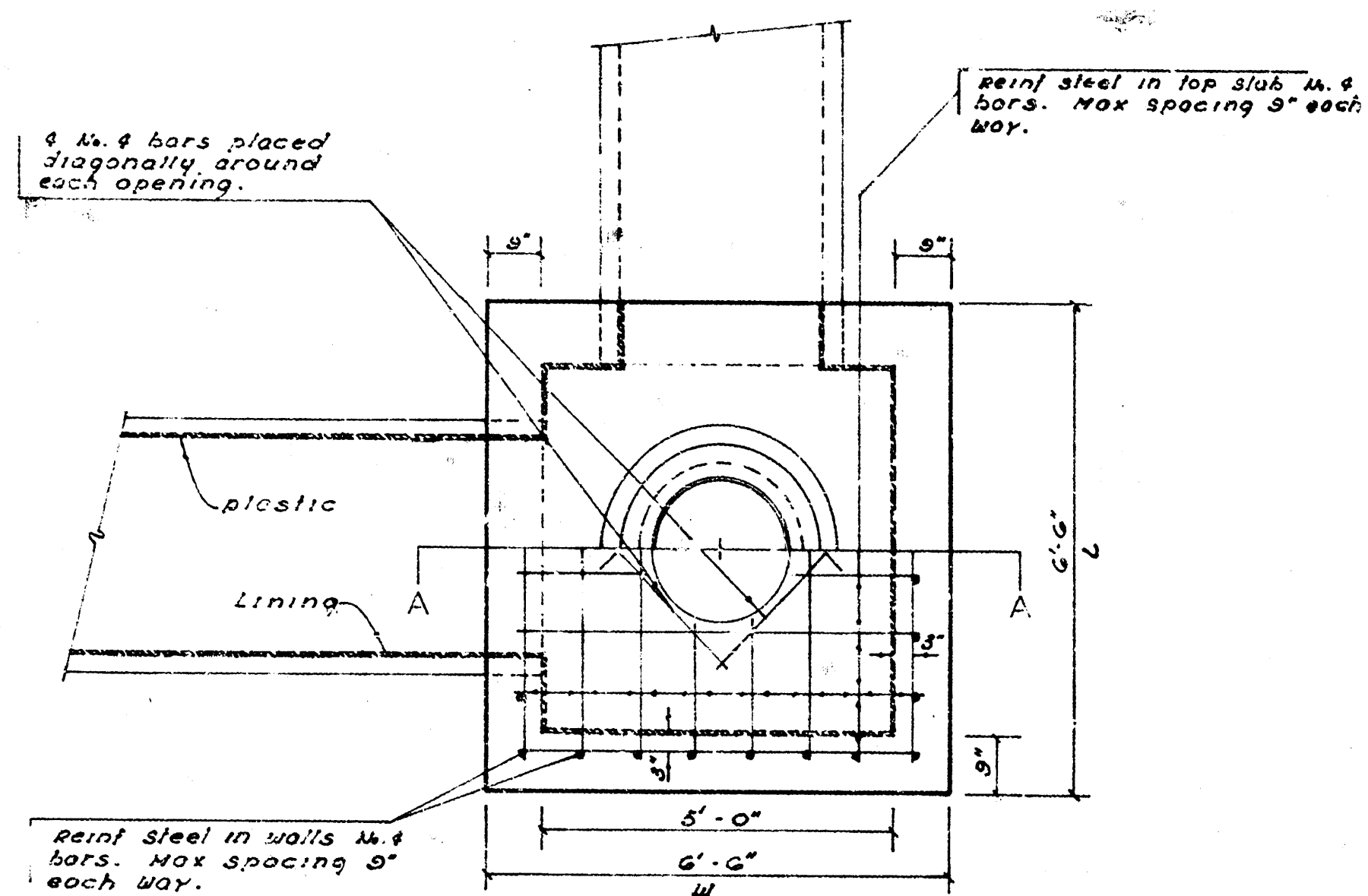






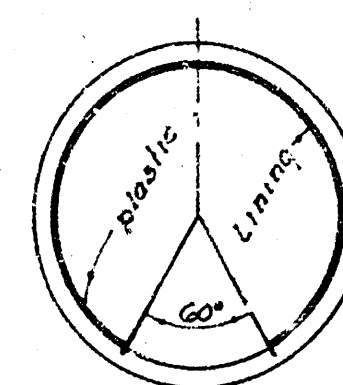
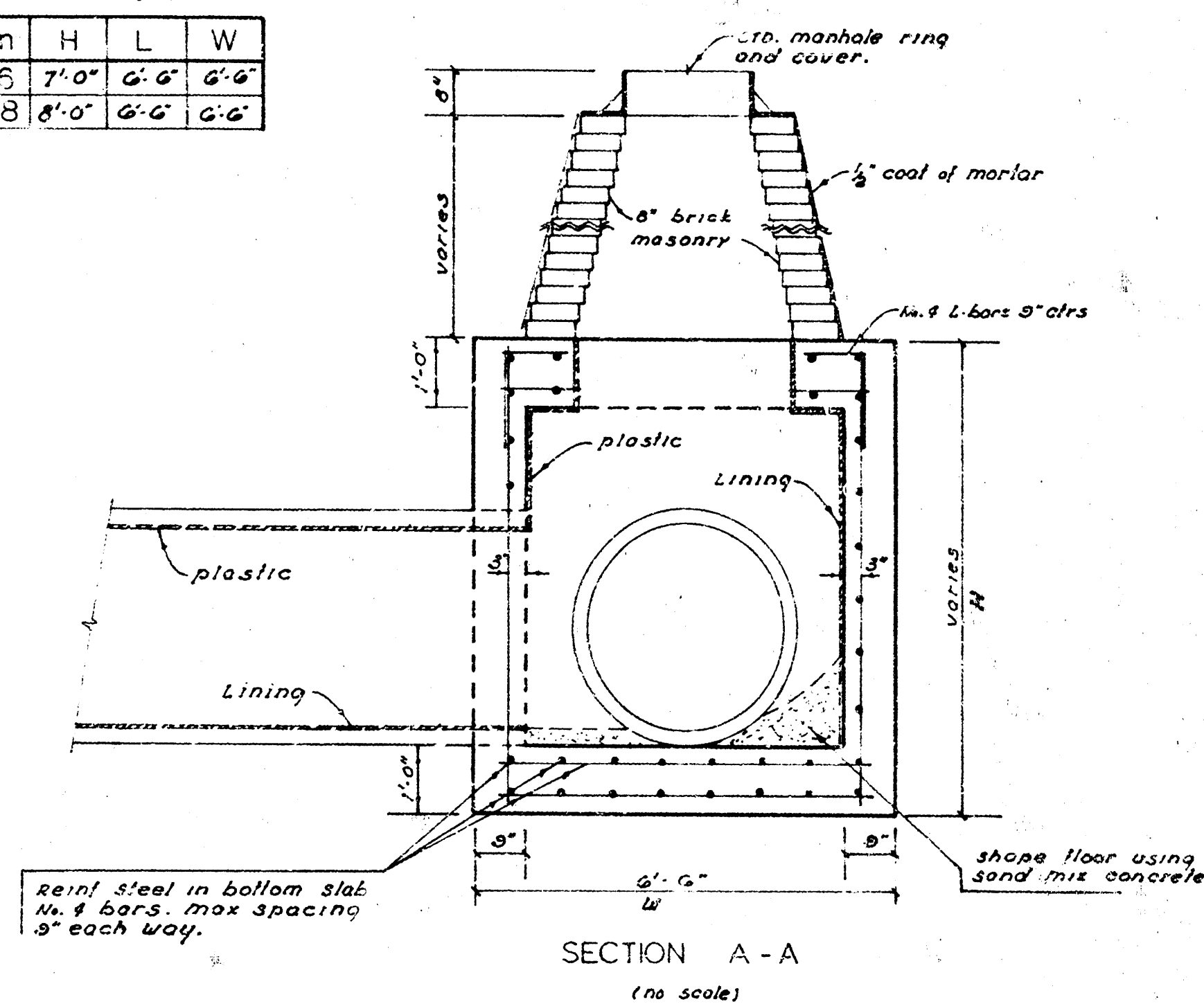
3 M. - 1904 A.E. Owner first call, stop house at 5 ft. corner 2nd and GROVE.
S.W. 12108 N.E. # 2529 East 2nd STREET.



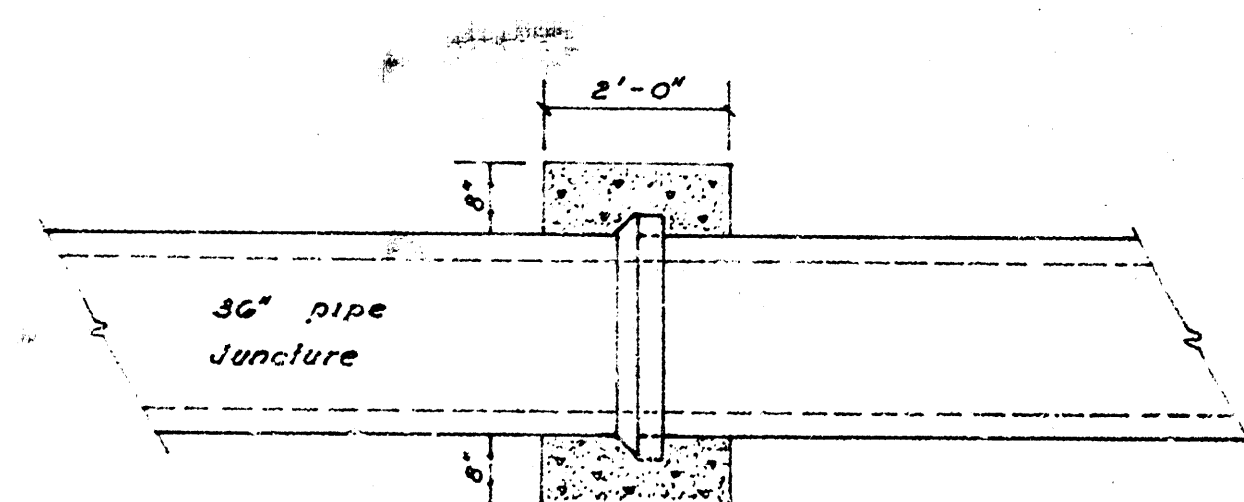


REINF CONC MANHOLES
Alternates 1, 3, and 4

Station	H	L	W
0+36	7'-0"	6'-0"	6'-0"
13+58	8'-0"	6'-0"	6'-0"



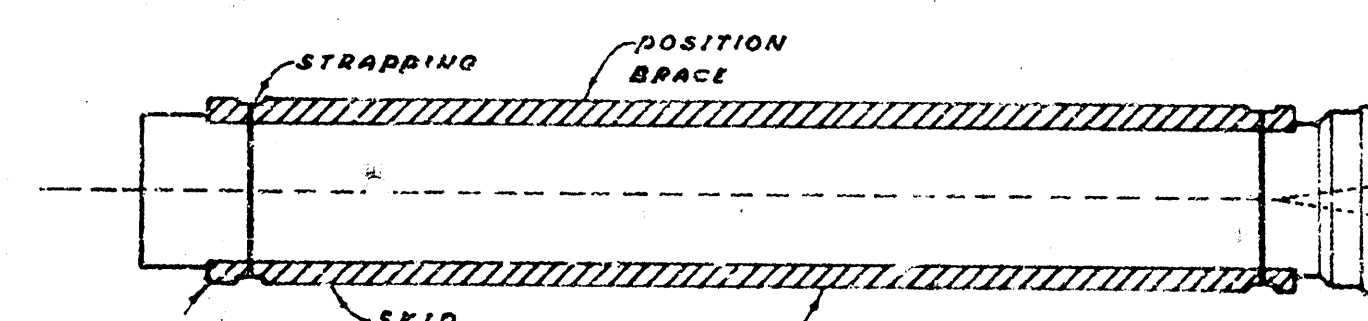
DETAIL: R.C.P. (plastic lining)



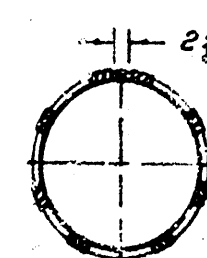
CONCRETE COLLAR DETAIL

Sta 0+00 Alternate 1, 2, 3, and 4
Sta 0+79.5 Alt 3 and 4
Sta 13+17.5 Alt 3 and 4
Sta 14+01.8 Alternate 1, 2, 3, and 4

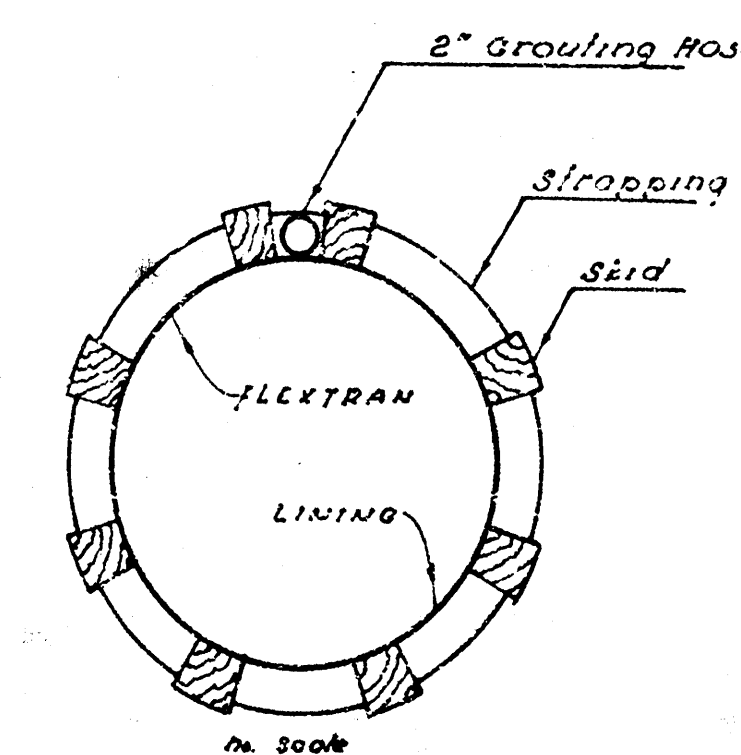
NOTE: contractor is to utilize Bell and Barrel Junction between old & new pipe if at all possible.



Alternate No. 4 27' FLEXTRAN LINING DETAIL



NOTE: The leading or forward ends of the skids should be rounded as shown for 'A' above. Skids should not be less than 8' shorter than the pipe being installed. Care should be taken to install the bottom skids parallel to the center of the pipe to prevent rolling of pipe in casing. Match skids for strapping. Strapping should be spaced according to diagram.



NOTE: 27" SKID SPACING except for two skids.