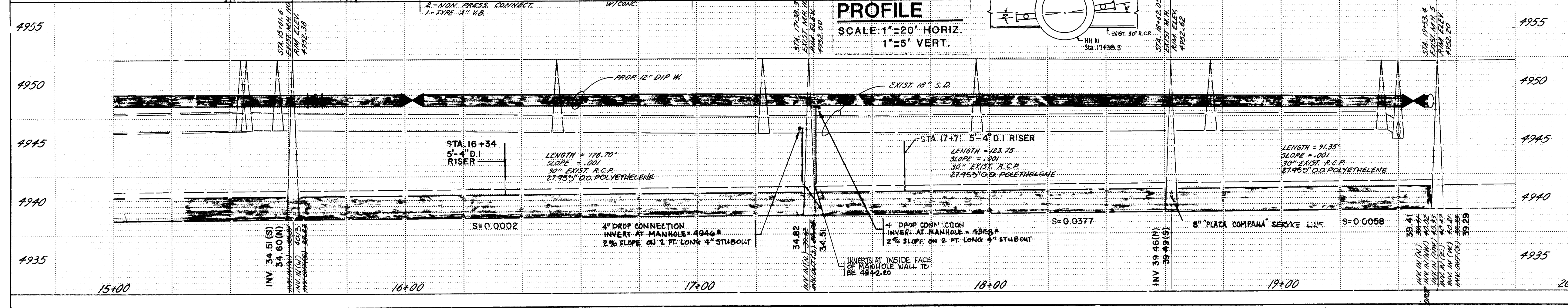
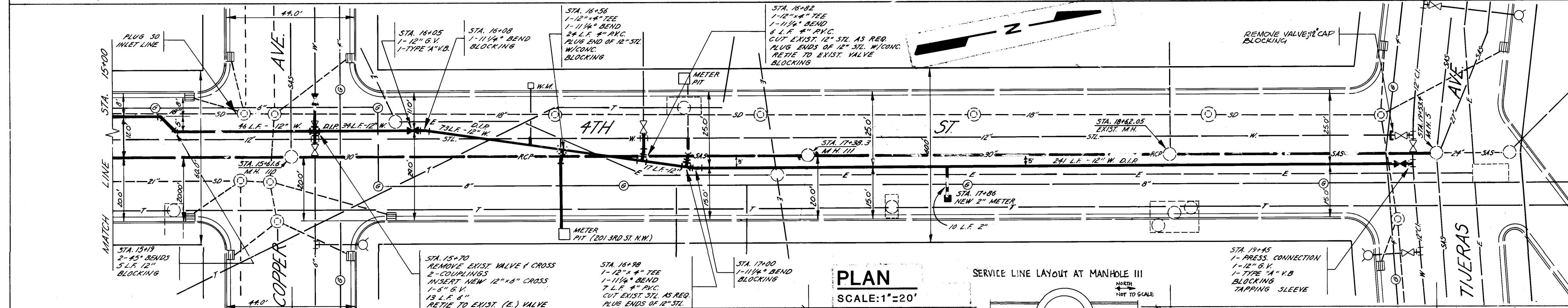
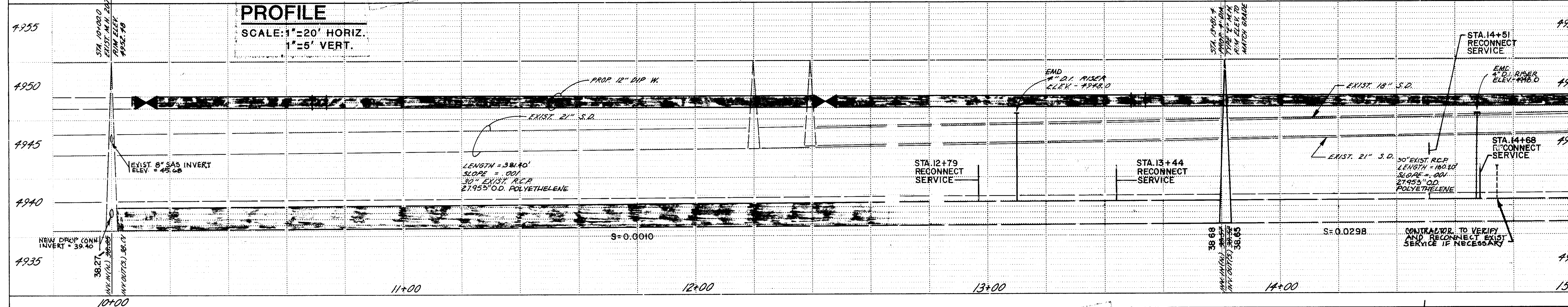
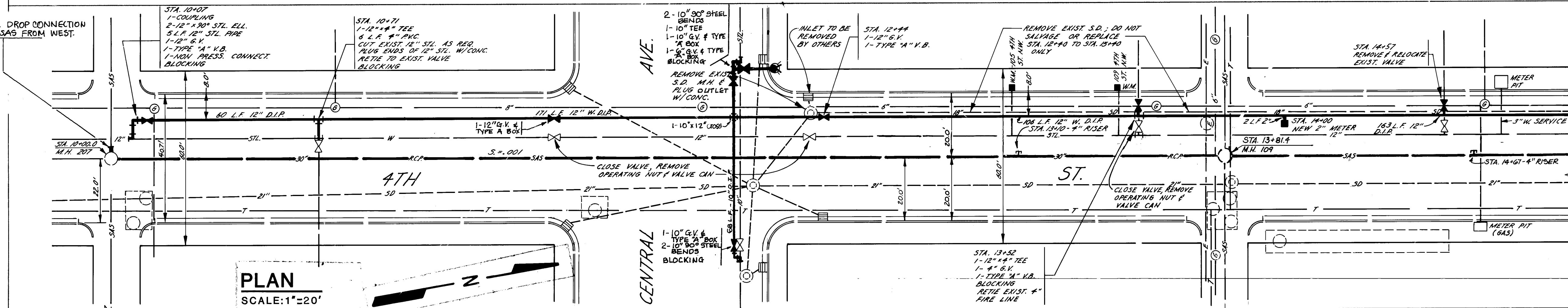


BUILD 8" VERTICAL DROP CONNECTION IN THE EXIST. 8" SAS FROM WEST.



NOTES

- CONTRACTOR WILL ~~REMOVE~~ ~~30" RCP~~ ~~AS CALLED FOR ON THIS~~ ~~PLAN SHEET~~ ~~PUSHING PITS FOR PUSHING THE~~ ~~NEW PIPE WILL NOT BE IN PLACE WITHIN COPPER,~~ ~~TIJERAS, OR CENTRAL AVENUES.~~ ~~THE EXISTING~~ ~~PIPE SHALL BE REMOVED AND REPLACED WITH~~ ~~THE OLD AND NEW PIPE.~~
- THE ABANDONED 20" HIGH RCP WILL BE FILLED WITH SAND SLURRY.
- CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING EXIST. 30" RCP PRIOR TO PUSHING NEW PIPE.
- ABANDONED MANHOLES SHALL MEAN:  
1. REMOVE CASTINGS AND CONE SECTION  
2. FILL TO SURFACE WITH SAND  
3. FILL SAND WITH GRISS  
DO NOT REMOVE TOP OF PIPE
- CONTRACTOR WILL PROVIDE PEDESTRIAN TRAVEL WAYS IN FOURTH STREET AT ALL TIMES. MAINTAIN ACCESS TO ALL DRIVEWAYS AND BUSINESSES.
- ONE LANE OF COPPER AVE. WILL REMAIN OPEN AT ALL TIMES.
- CONTRACTOR WILL NOT REPLACE PAVEMENT REMOVED IN FOURTH STREET FROM CENTRAL AVENUE TO COPPER AVENUE AND FROM COPPER AVENUE TO TIJERAS AVENUE. TRENCHES WILL BE BACKFILLED AND COMPACTED TO SIX (6) INCHES BELOW EXISTING ADJACENT PAVEMENT SURFACE. COMPACT TO 95%.
- PAVEMENT REMOVED WITHIN CENTRAL AVENUE, COPPER AVENUE, TIJERAS AVENUE, AND FOURTH STREET SOUTH OF CENTRAL AVENUE SHALL BE REPLACED, PER CITY STANDARD DETAIL P-25-3 FOR ARTERIAL PAVEMENTS.
- WATER SERVICES:  
105 4TH STREET N.W.-NEED NEW BOX AND PLATE.  
109 4TH STREET N.W.-NEED NEW BOX AND PLATE.  
201 3RD STREET N.W.-REMOVE AND REPLACE EXISTING 4" LINE.
- WHERE NEW LINER PIPE CONNECTS TO EXISTING MANHOLES, CONTRACTOR SHALL:  
(A) CLEAN THE MANHOLE BASE, (B) "WATER PLUG" OR "ROCKITITE" OR AN APPROVED EQUAL PATCHING CEMENT SHALL BE FORCED INTO THE REMAINING ANNULAR SPACE BETWEEN EXISTING PIPE WALL AND NEW PIPE. (C) A NON-SINKING PATCHING CEMENT (30 MIN. SETUP TIME) SHALL BE USED TO RE-SHAPE INVERTS AND BENCHES AND REPAIR CRACKS, AND (D) LINER PIPE SHALL BE CUT AT THE MANHOLE WALL BY METHODS WHICH WILL LEAVE A SMOOTH, CLEAN, STRAIGHT PLASTIC EDGE (THE BELL END OF THE PIPE SHALL NOT BE PLACED AT THE MANHOLE WALL).
- CONTRACTOR AT HIS DISCRETION, SHALL ~~CONSIDER~~ ~~REPAIR~~ ~~THE~~ ~~EXISTING~~ ~~PIPE~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~ ~~IF~~ ~~NECESSARY~~ ~~AND~~ ~~IF~~ ~~THE~~ ~~PIPE~~ ~~IS~~ ~~NOT~~ ~~TOO~~ ~~OLD~~ ~~TO~~ ~~REPAIR~~ ~~AND~~ ~~RECONNECT~~ ~~IT~~ ~~TO~~ ~~THE~~ ~~NEW~~ ~~PIPE~~