NOTES:

1. CONTRACTOR SHALL PERFORM ANY WORK NECESSARY TO VERIFY THE OUTFALL INVERT ELEVATIONS OF ALL EXISTING SEWERS THAT ARE TO BE CONNECTED TO THE NEW MANHOLE IN ORDER TO INSURE PROPER FLOW.

2. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE CORRECT LOCATION OF ALL SANITARY LATERALS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIS OPERATIONS TO EXISTING MAINS OR LATERALS.

3. MAXIMUM ALLOWABLE INFILTRATION OR EXFILTRATION SHALL NOT EXCEED 235 LITERS PER 1 N.P.S. PER KILOMETER OF PIPE PER SAY ON SANITARY SEWER. IF AN AIR TEST IS USED, THE TEST, AS A MIN., SHALL CONFORM TO THE PROCEDURE DESCRIBED IN ASTM DESIGNATION C828-80 ENTITLED "STANDARD PRACTICE FOR THE LOW-PRESSURE AIR TEST OF PIPE LINES." SANITARY MANHOLES SHALL COMPLY WITH THE METHOD OUTLINED IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL INFORMATION PAMPHLET (TIP) NO. 15 (REVISED).

4. DEFLECTION TESTS SHALL BE PERFORMED ON ALL PVC PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE FOR AT LEAST (30) DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5%. THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIA. EQUAL TO 95% OF THE INSIDE DIA. OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT THE USE OF MECHANICAL PULLING DEVICES.

5. MINIMUM VERTICAL SEPARATION BETWEEN WATER MAINS AND SEWER LINES SHALL BE 450mm MEASURED FROM THE OUTSIDE OF THE PIPE AT THE POINT OF CROSSING. (INCLUDING MANHOLES & VAULTS) SHALL BE 3m MEASURED FROM THE OUTSIDE OF THE PIPES, MANHOLES OR VAULTS. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE SEPARATED AS FAR AS POSSIBLE. IN ADDITION, WHEN THE WATER MAIN PASSES UNDER A SEWER, ADEQUATE STRUCTUAL SUPPORT (COMPACTED SELECT FILL) SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING OF THE SEWER ON THE WATER MAIN.

6. THE CONTRACTOR SHALL NOTIFY MONROE COUNTY WATER AUTHORITY DISPATCH OFFICE AT 442-2009 OF ANY CONTACT MADE, IN THE COURSE OF CONSTRUCTION, WITH ANY WATER AUTHORITY FACILITY.

7. CONTRACTOR SHALL FLUSH, CLEAN & VIDEOTAPE ALL NEW SANITARY SEWER MAINS. AFTER A MINIMUM OF 30 DAYS AFTER BACKFILL ALL TAPES & LOGS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR THEIR USE AND FINAL APPROVAL PRIOR TO PLACEMENT OF ANY FINAL ASPHALT TOP COURSES.

8. THE CONTRACTOR SHALL REPLACE ANY SANITARY LATERALS THAT THE ENGINEER DEEMS TO BE IN POOR CONDITION WITH NEW SANITARY LATERALS & CLEANOUTS TO THE R.O.W. (A.O.B.E.).

9. THE CONTRACTOR SHALL INSTALL NEW SANITARY LATERALS & CLEANOUTS TO THE R.O.W.

10. ALL OLD & UNUSED MANHOLE FRAMES & COVERS SHALL BECOME THE PROPERTY OF THE MONROE COUNTY D.O.T. THEY SHALL BE DELIVERED TO MONROE COUNTY D.O.T., 350 E. HENRIETTA ROAD AT NO ADDITIONAL COST TO THE OWNER.

SANITARY SEWER NOTES

4/1/98

REVISED