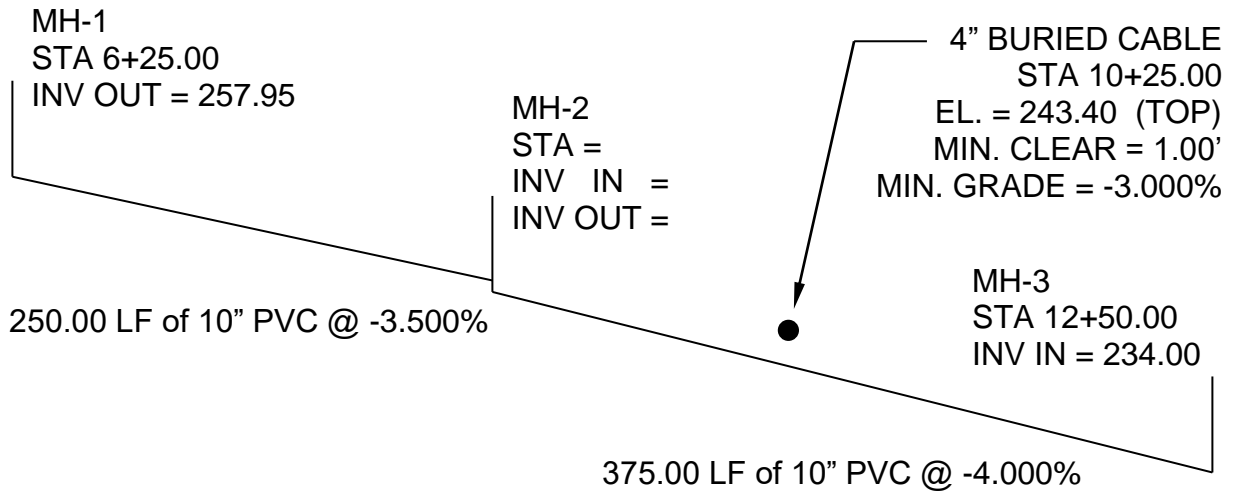


**Key**



**NOTE !**

Stations of MH's cannot be changed  
 MH-1 & MH-3 elevations are fixed  
 MH-2 elevation may change  
 Pipe may go above or below cable,  
 but minimum grade must be observed  
 and minimum clearance must be maintained.

1. What is the station of MH-2 ?

Station = 8+75.00

2. What are the inverts of MH-2 for the sewer line as designed ?

Invert IN = 249.20

Invert OUT = 249.00

3. Should the sewer pipe redesign go above or below the cable ? Why ?

**Under – MH-1 to MH-2 does not meet minimum grade for over**

**Over: 1-2 = -2.567% 2-3 = -4.622%**

**Under: 1-2 = -4.680% 2-3 = -3.213%**

4. What are the inverts of MH-2 for the redesign that works ?

Invert IN = 246.25

Invert OUT = 246.05