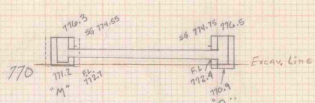


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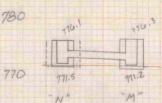
AS BUILT PLANS  
I hereby certify that the construction was made by the contractor as shown on these plans and that the same are true and correct.  
Derek J. [Signature]  
[Signature]

PIPE MD  
DI M



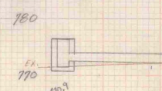
DI "M": Common Ex. Elev. 771.5  
 $0.3' \times 6' \times 27' = 0.4 \text{ cy}$   
 (MS-771.5) Pipes =  $0.004 \times 27 = 0.108 \text{ cy}$   
 DI "O": Common Ex. Elev. 771.5  
 $4' \times 15' = 60'$

PIPE NM  
DI "N"



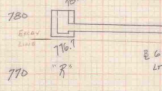
DI "N" @ 4'0" Lr 45'  
 Common Ex. Elev. 771.8  
 $(771.8 - 771.5) \times 6' \times 27' = 0.4 \text{ cy}$   
 Pipes =  $0.004 \times 27 = 0.108 \text{ cy}$

PIPE O - Outlet  
DI "O"



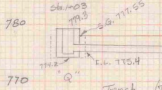
DI "O"  $0.5' \times 6' \times 27' = 0.7 \text{ cy}$   
 Trench  $14' \times 3.9' \times \frac{0.1}{2} = 27 = 1.0 \text{ cy}$   
 Total 1.7 cy  
 INFILL =  $0.004 \times 27 = 0.108$

PIPE: RS  
DI "R"



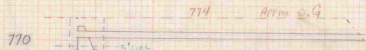
DI "R"  $0.5' \times 6' \times 27' = 0.7 \text{ cy}$   
 Trench  $14' \times 3.9' \times \frac{0.1}{2} = 27 = 1.0 \text{ cy}$   
 Total 1.7 cy  
 INFILL =  $0.004 \times 27 = 0.108$

PIPE Q - MH-SI  
DI "Q"



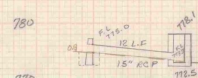
DI "Q"  $(771.55 - 771.2) \times 6' \times 27' = 4.5 \text{ cy}$   
 Trench  $14' \times 3.9' \times \frac{0.1}{2} = 27 = 1.0 \text{ cy}$

XY w/ Headwall



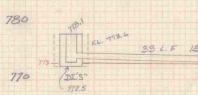
Excav for Headwall  $5' \times 6' \times 27' = 11.1 \text{ cy}$   
 $0-5' \quad 6' \times 10' \times 5' = 27 = 6.7 \text{ cy}$   
 $5-7' \quad 6' \times 10' \times 2' = 24 = 6.7 \text{ cy}$   
 Total 17.7 cy  
 Pipe  $3.8' \times 4.5' \times 27 = 4.3 \text{ cy}$   
 Total 4.5  
 37.4 - 1

PIPE TS  
Headwall "T"



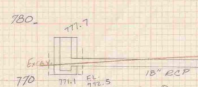
Headwall design from SH D-2 for 15' x 15'  
 Headwall:  $6' \times 6' \times 27' = 27 \text{ cy}$   
 W. T. Ex. for the pipe =  $0.004 \times 27 = 0.108$   
 Total 28.1 cy

PIPE S-W  
DI "S"



DI "S"  $(771.5 - 771.2) \times 6' \times 27' = 0.7 \text{ cy}$   
 Pipes =  $0.004 \times 27 = 0.108$

PIPE W-Outlet  
DI "W"



DI "W"  $6' \times 6' \times 27' = 27 \text{ cy}$   
 Pipes  $(\frac{1.5 \times 2.8}{2}) \times 3.9' \times 27' = 5.1 \text{ cy}$   
 Total 78 cy

PIPE  $\left[ \frac{5.8 \times 7.6 \times 4}{2 \times 2.5} \right] + \left[ \frac{2.5 \times 7.6 \times 4}{2 \times 2.5} \right] \times 3.6' \times 100' \times 27' = 12.7 \text{ cy}$

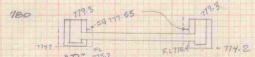
Normal 5' line  $5.6' \times 3.6' \times 100' = 27 = 72 \text{ cy}$

Below 5' line  $\left[ \frac{10.0 \times 7.6 \times 4}{2 \times 2.5} \right] + \left[ \frac{4.0 \times 7.6 \times 4}{2 \times 2.5} \right] \times 108' \times 3.6' \times 150' = 27 = 27.1 \text{ cy}$

Pipe Total 141.8 cy

MH-SI  $8' \times 5' \times 5' = 320 \text{ cu ft}$   
 $8' \times 5' \times 2.4' \times 150' = 230 \text{ cu ft}$   
 Total 550 cu ft  $\times \frac{1}{27} = 20.4 \text{ cy}$

PIPE PQ  
DI "P"



DI "P"  $(771.55 - 771.2) \times 6' \times 27' = 3.8 \text{ cy}$   
 Pipes  $\left[ \frac{5.8 \times 7.6 \times 4}{2 \times 2.5} \right] + \left[ \frac{2.5 \times 7.6 \times 4}{2 \times 2.5} \right] \times 3.6' \times 16' = 27 = 4.3 \text{ cy}$

AS BUILT PLANS  
 I hereby certify that all the construction shown on this set of drawings has been completed in accordance with the plans and specifications.  
 By Dale R. Johnson  
 Date 3/28/87

Final Check  
 2/10/87

ROTUNDO STATE AIRPORT  
 ME 23-2022