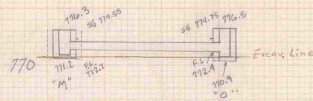


AS-BUILT
If the above construction was not by the contractor, the contractor shall be responsible for the accuracy of the data.
Date: 2/27/23
By: [Signature]

PIPE MD
DI M



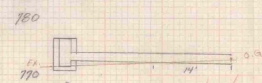
DI "M": Common Ex Elev 771.5
 $0.5' \times 6' \times 6' + 27 = 0.4 \text{ cy}$
 (Note: 771.5) Pipe: 0.001 x 15 = 0.015
 DI "O": Common Ex Elev 771.5
 $0.5' \times 6' \times 6' + 27 = 0.4 \text{ cy}$

PIPE NM
DI "N"



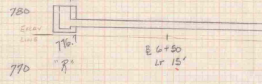
DI "N" 4' x 4' x 45'
 Common Ex Elev 771.8
 $(771.8 - 771.5) \times 6' \times 6' + 27 = 0.4 \text{ cy}$
 (Note: 771.8) Pipe: 0.001 x 15 = 0.015

PIPE O - Outlet
DI "O"



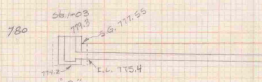
DI "O": $0.5' \times 6' \times 6' + 27 = 0.7 \text{ cy}$
 Trench: $4' \times 3.9' \times \left(\frac{0.5'}{2}\right) + 27 = 1.0 \text{ cy}$
 Total: 1.7 cy

PIPE RS
DI "R"



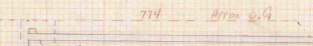
DI "R": $0.5' \times 6' \times 6' + 27 = 0.7 \text{ cy}$

PIPE Q - MH-SI
DI "Q"



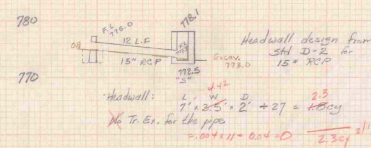
Trench: $(771.85 - 771.2) \times 6' \times 6' + 27 = 4.5 \text{ cy}$

XY w/ Headwall



Excav for Headwall: $0.5' \times 6' \times 6' + 27 = 11.1 \text{ cy}$
 $5' \times 7' \times 6' \times 10' \times 2' \times 150' = 6.7 \text{ cy}$
 Total: 17.8 cy
 Pipe: $3.8' \times 45' \times 3.6' \times 27 = 25.9 \text{ cy}$
 Total: 43.7 cy

PIPE TS
Headwall "T"



Headwall: $1' \times 2.5' \times 2' + 27 = 0.3 \text{ cy}$
 $0.001 \times 15 = 0.015$
 $0.3 \text{ cy} + 0.015 = 0.315 \text{ cy}$

PIPE S-W
DI "S"



DI "S": $(771.8 - 771.5) \times 6' \times 6' + 27 = 0.7 \text{ cy}$
 Pipe: 0.001 x 15 = 0.015

PIPE W-Outlet
DI "W"



DI "W": $0.5' \times 6' \times 6' + 27 = 0.7 \text{ cy}$
 Pipe: $(1' \times 2.5') \times 3.9' \times 22' + 27 = 5.1 \text{ cy}$
 Total: 5.8 cy

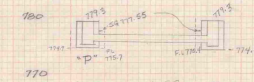
Pipe: $\left(\frac{0.5' \times 6' \times 6' + 27}{2}\right) + \left(\frac{0.5' \times 6' \times 6' + 27}{2}\right) \times 3.6' \times 10' \times 2' = 42.7 \text{ cy}$

Normal 5' line: $5' \times 3.6' \times 10' + 27 = 72 \text{ cy}$

Below 5' line: $\left[\frac{(771.85 - 771.2) \times 6' \times 6' + 27}{2}\right] \times 10' \times 3.6' \times 150' + 27 = 27.1 \text{ cy}$

Pipe Total: 141.8 cy

PIPE PQ
DI "P"



DI "P": $(771.85 - 771.2) \times 6' \times 6' + 27 = 3.8 \text{ cy}$
 Pipe: $\left(\frac{0.5' \times 6' \times 6' + 27}{2}\right) + \left(\frac{0.5' \times 6' \times 6' + 27}{2}\right) \times 3.6' \times 10' = 4.3 \text{ cy}$

AS BUILT PLANS
 I hereby certify that all construction has been completed in accordance with the plans and specifications of the State of Maryland.
 By: [Signature]
 Date: 3/12/87

Final Check
 2/10/87

ROTUNDA STATE AIRPORT
 AIR 23-2022
 1" = 10'

D-2