

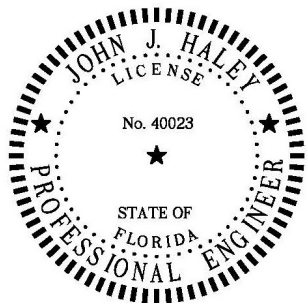
**10th Ave North Apartments
Lake Worth Beach, FL
Project No.20-2714**

EXFILTRATION TRENCH CALCULATIONS

V =	5.65	AC-IN	0.470833 acre feet
k =	0.000262	CFS/FT ² -FT	(SEE APPENDIX A FOR HYDRAULIC CONDUCTIVITY)
H ₂ =	6.80	AVG FT	
W =	6.00	FT	
Du =	5.00	FT	
Ds =	0.00	FT	
H =	5.00	FT	
L(req'd)=	216.26	FT OF EXFILTRATION TRENCH REQUIRED	
L(Minimum)=	215.00	MINIMUM TOTAL LENGTH	
L(provided)=	215.00	OVERALL MINIMUM LENGTH TO BE SHOWN ON PLANS	

	INPUT
	CALC

Lowest Rim Elevation = 14.80 NAVD
Top of Trench Elevation = 13.00 NAVD
Bottom of Trench Elevation = 8.00 NAVD
Water Table Elevation = 8.00 NAVD
Pipe Invert Elevation = 10.50 NAVD



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