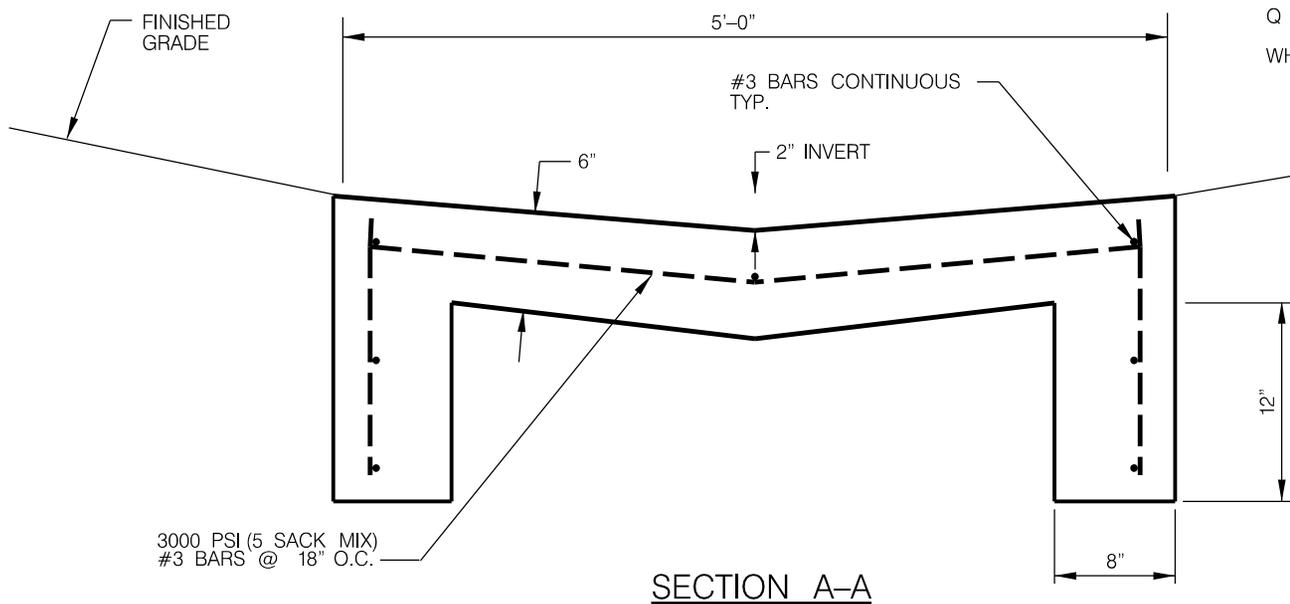


NOTE:
1. SPACING OF EXPANSION
NOT TO EXCEED 20'

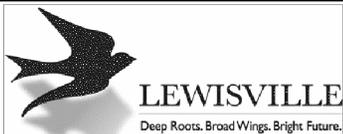


FLUME CAPACITY – USE MANNING'S EQUATION

$$Q = \frac{1.486}{n} A R^{2/3} S^{1/2}$$

WHERE n = ROUGHNESS COEFFICIENT (0.013 FOR CONCRETE)
 A = CROSS SECTIONAL AREA OF FLOW
 R = HYDRAULIC RADIUS
 S = SLOPE OF WATER SURFACE (0.0085 MINIMUM)

NOTE:
DETAIL SUBJECT TO CHANGE PER DIRECTION
OF CITY OF LEWISVILLE ENGINEERING DIVISION.



Standard Details
Flume Detail

Revisions:

No.	Description	Date

Engineering
Department

Office No. 972-219-3490

www.cityoflewisville.com

Dated: 8-13-07

Dated: 10-28-19

Sheet:

9.19