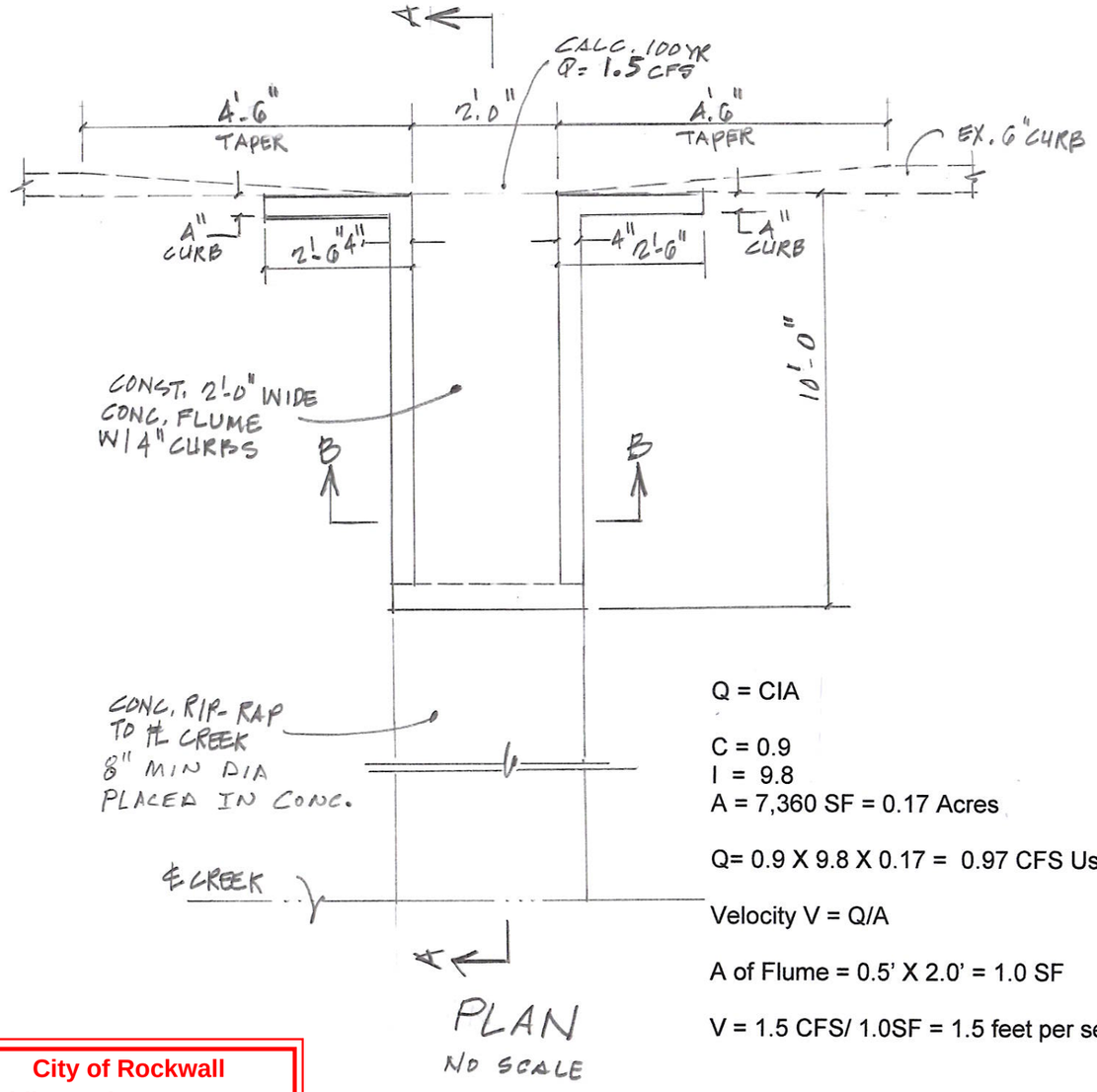
1207 Beta Drive
Parking Lot Outfall Erosion Repair



PLAN
NO SCALE

Q = CIA

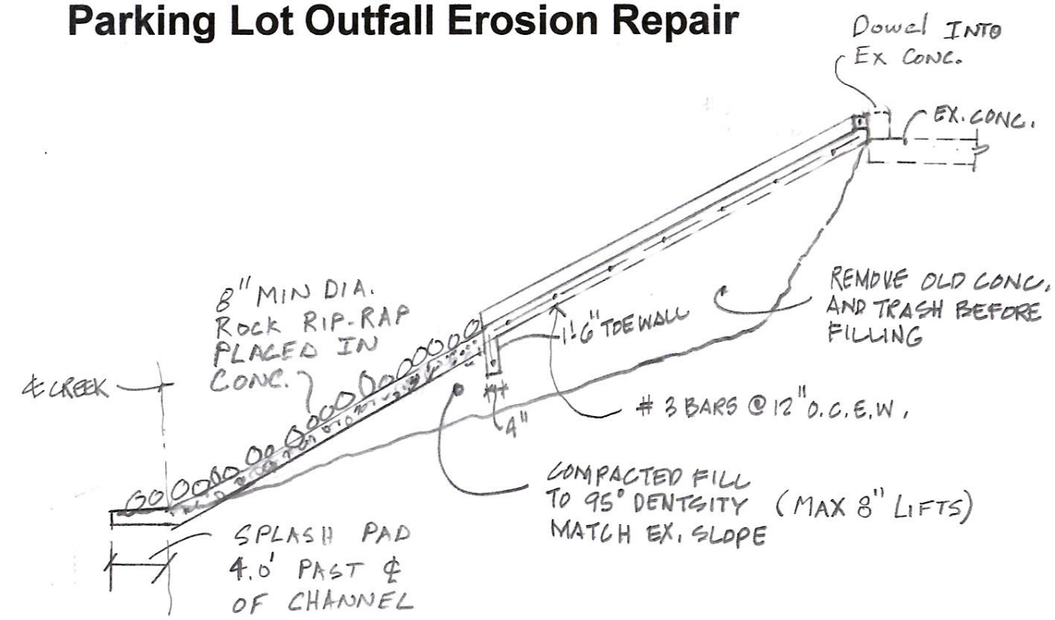
C = 0.9
I = 9.8
A = 7,360 SF = 0.17 Acres

Q= 0.9 X 9.8 X 0.17 = 0.97 CFS Use 1.5 CFS

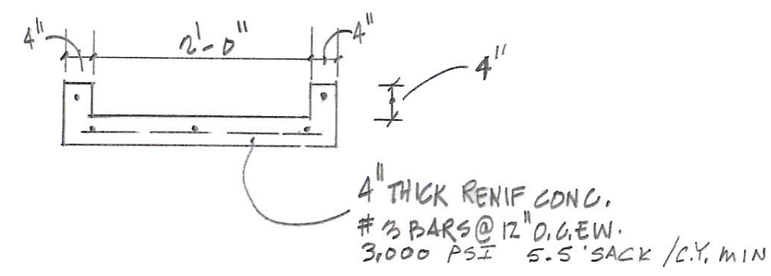
Velocity V = Q/A

A of Flume = 0.5' X 2.0' = 1.0 SF

V = 1.5 CFS/ 1.0SF = 1.5 feet per second



SECTION A-A
NO SCALE



SECTION B-B
NO SCALE

City of Rockwall
Public Works Department
Engineering Division
APPROVED FOR CONSTRUCTION
Private Development Project

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN

City Engineer: Jeremy M. White, P.E., CFM Date: 04/24/2020

STATE OF TEXAS
CHRISTOPHER R. CUNY
65642
REGISTERED PROFESSIONAL ENGINEER

12-31-2019

Owner: Heath Development Corp. #1
1365 S. FM 740
Forney, Texas 75126

Engineer:
F.C. CUNY CORPORATION
#2 Horizon Court • Ste. 500 • Heath, Texas 75032
Phone: 469-402-7700
Fax: 469-402-0700
Texas Registered Engineering Firm F-7449