



FLUME SIZING:

FOR A RECTANGULAR WEIR

$$Q = CLH^{1.5}$$

WHERE

Q = 1.56 cfs

H = 0.50 ft

C = 3

L = ?

$$1.56 = (3)(L)(0.50)^{1.5}$$

L = 1.47 ft = 1.50 ft

RECORD DRAWING

THE SIGNED AND SEALED CONSTRUCTION DOCUMENT HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT. THE INFORMATION SHOWN ON THIS RECORD DRAWING, WHICH WAS PROVIDED BY THE CONTRACTOR, OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER, CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. PACHECO KOCH SHALL ASSUME NO LIABILITY FOR ANY CHANGES MADE DURING CONSTRUCTION THAT WERE NOT SPECIFICALLY APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. THE SEALED CONSTRUCTION DRAWINGS ARE ON FILE AT THE OFFICES OF PACHECO KOCH.

ATTESTED BY: STEVEN M. HEILBRUN, PE
 SIGNATURE: *Steven M. Heilbrun*
 ENGINEER OF RECORD: STEVEN M. HEILBRUN, PE
 CONTRACTOR: THE CHRISTMAN COMPANY
 DATE REVISED: 07/21/2023

NO.	DATE	REVISION
07/21/2023		RECORD DRAWING
07/08/2022		PR-05
02/18/2022		PR-01

Pacheco Koch 7557 RAMBLER ROAD, SUITE 1400
 DALLAS, TX 75231 972.235.3031
 TX REG. ENGINEERING FIRM F-469
 TX REG. SURVEYING FIRM LS-10008000

STORM SEWER PROFILE

FIRST UNITED METHODIST CHURCH

YELLOW JACKET LANE & TOWNSEND ROAD

LOT 7, BLOCK 1

CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
SMH	GAC	APR 2022	1"=40' V:1"=5'			C5.2

LAND USE: CHURCH

OWNER:
 GARY HANCOCK
 FIRST UNITED METHODIST ROCKWALL
 1200 EAST YELLOW JACKET LANE
 ROCKWALL, TEXAS 75087