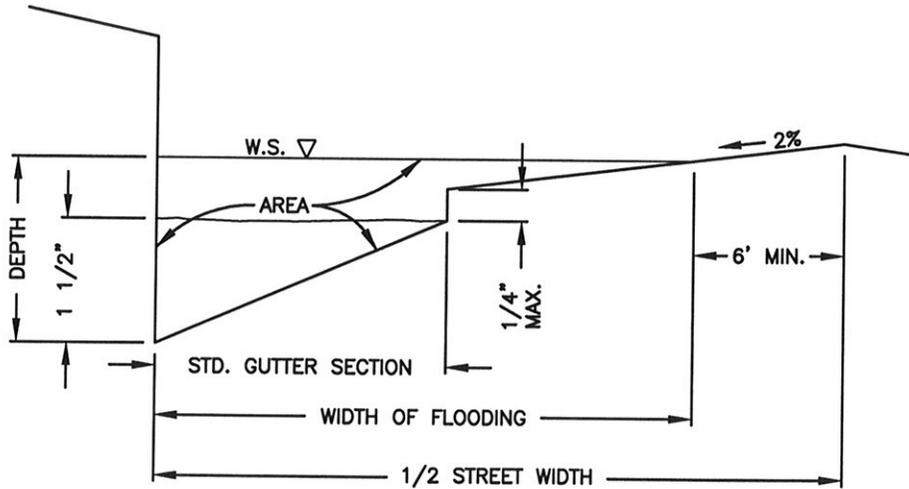6. TYPICAL SECTION:

COLLECTION SYSTEMS:

USE RATIONAL EQUATION

$$Q = CIA$$

TO DETERMINE RUN-OFF FOR PIPELINES, DRAINAGE INLETS AND PUMP STATIONS.

Q = FLOW IN (C.F.S.)
A = AREA OF AREA UNDER CONSIDERATION IN ACRES
I = INTENSITY FACTOR (IN/HR) (SEE CURVE)
C = RUN-OFF FACTOR (SEE TABLE)

TIME OF CONCENTRATION SHALL BE DETERMINED BY THE SUM OF THE CURB LENGTH AT 1 FPS PLUS THE STORM DRAIN LENGTH ASSUMING 2.5 FPS AND ADDING 30 MINUTES TO THAT TOTAL.

CITY of CORCORAN • Department of Public Works

Standard Drawing for:

STORM DRAINAGE CRITERIA

APPROVED: City Engineer

05/19/08
Date

Revised:

SD-1b