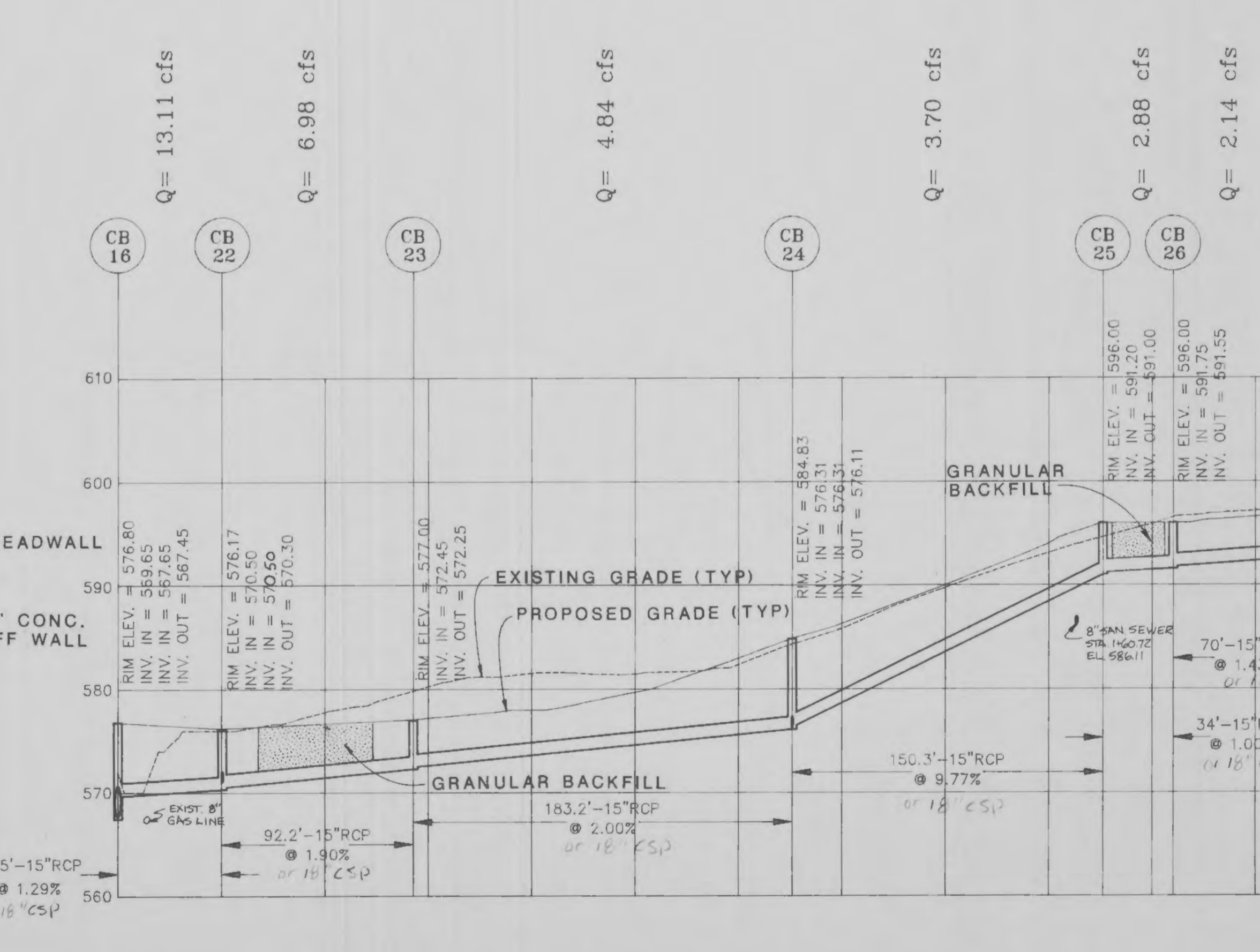
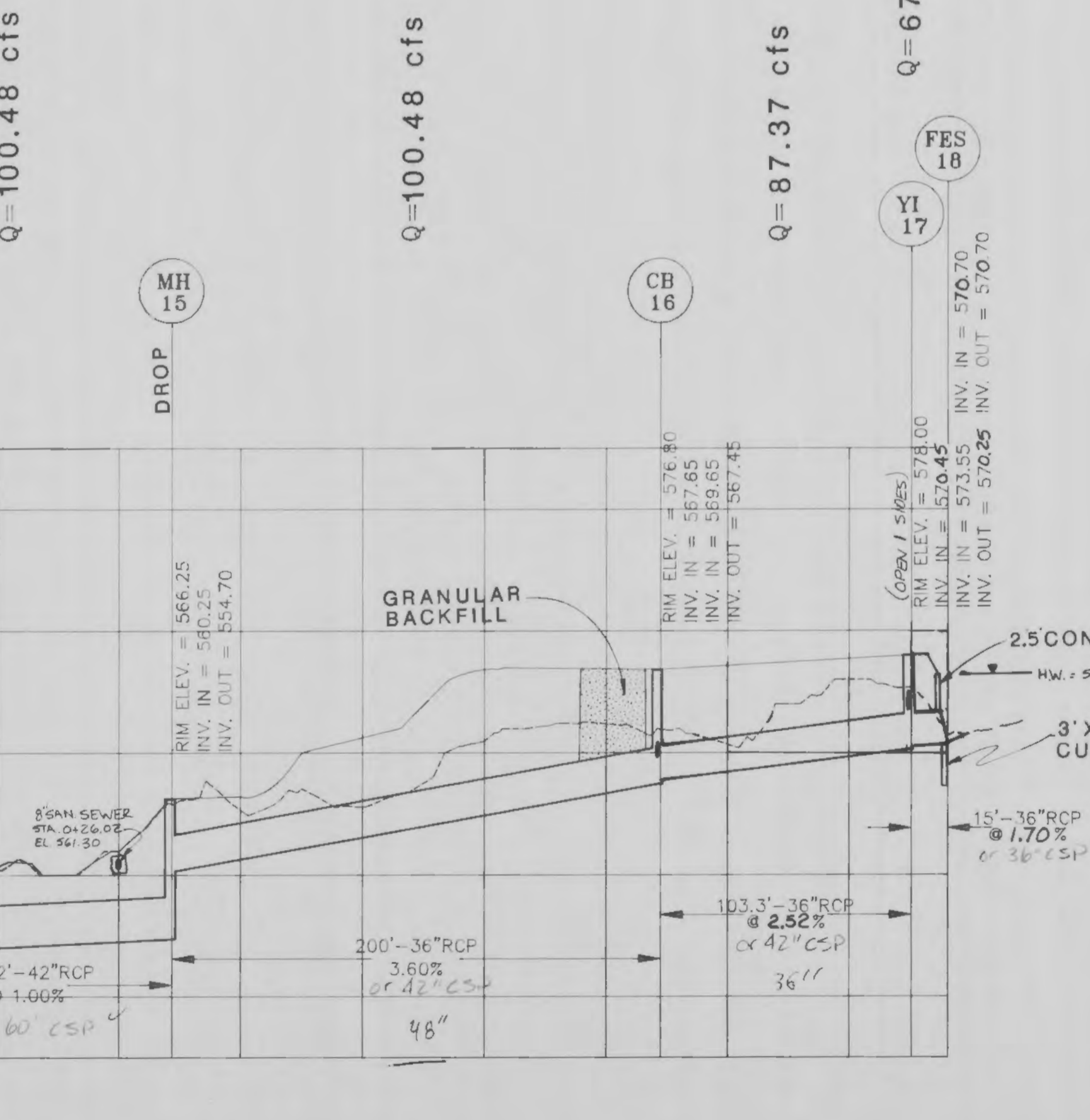
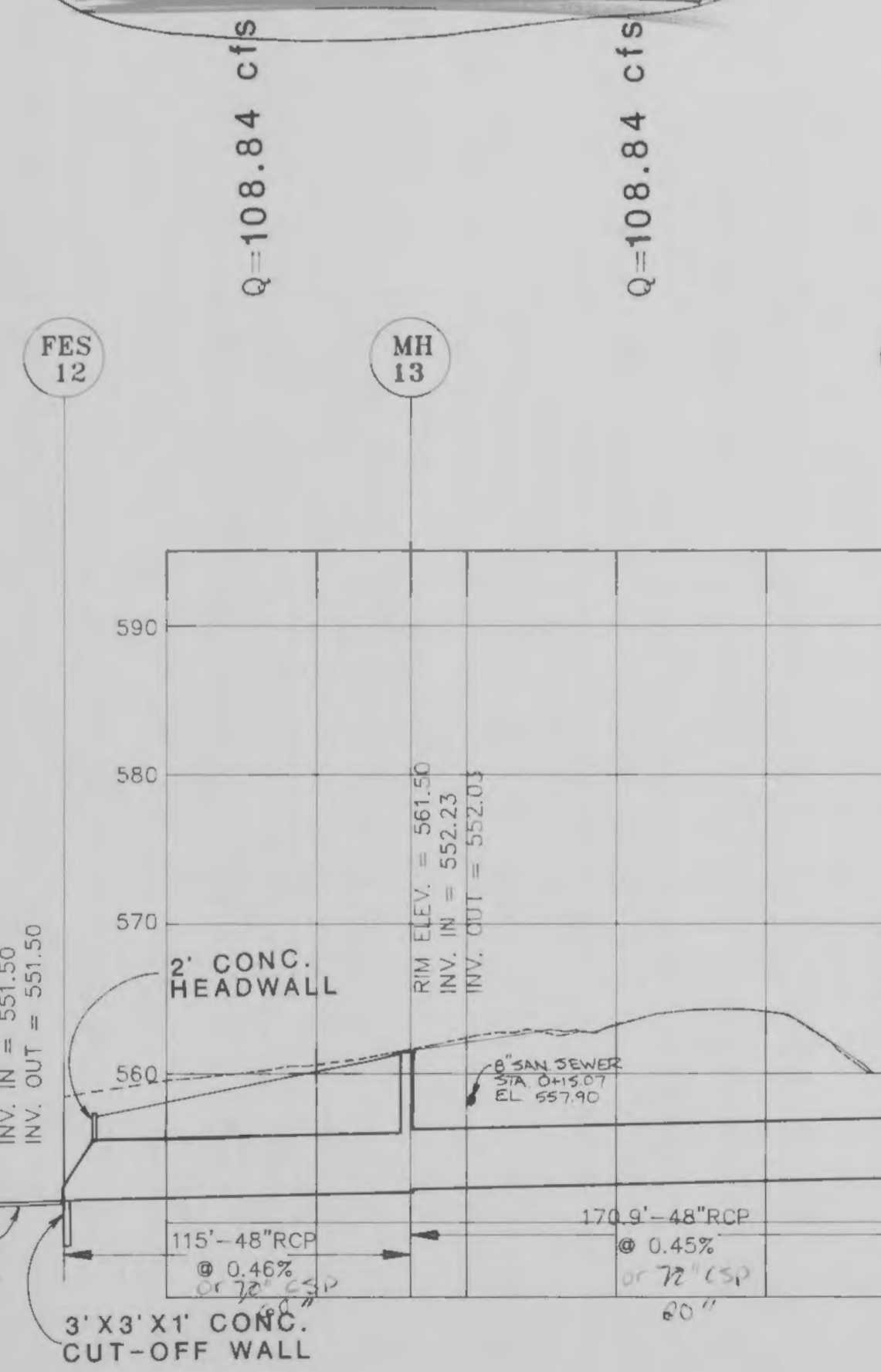
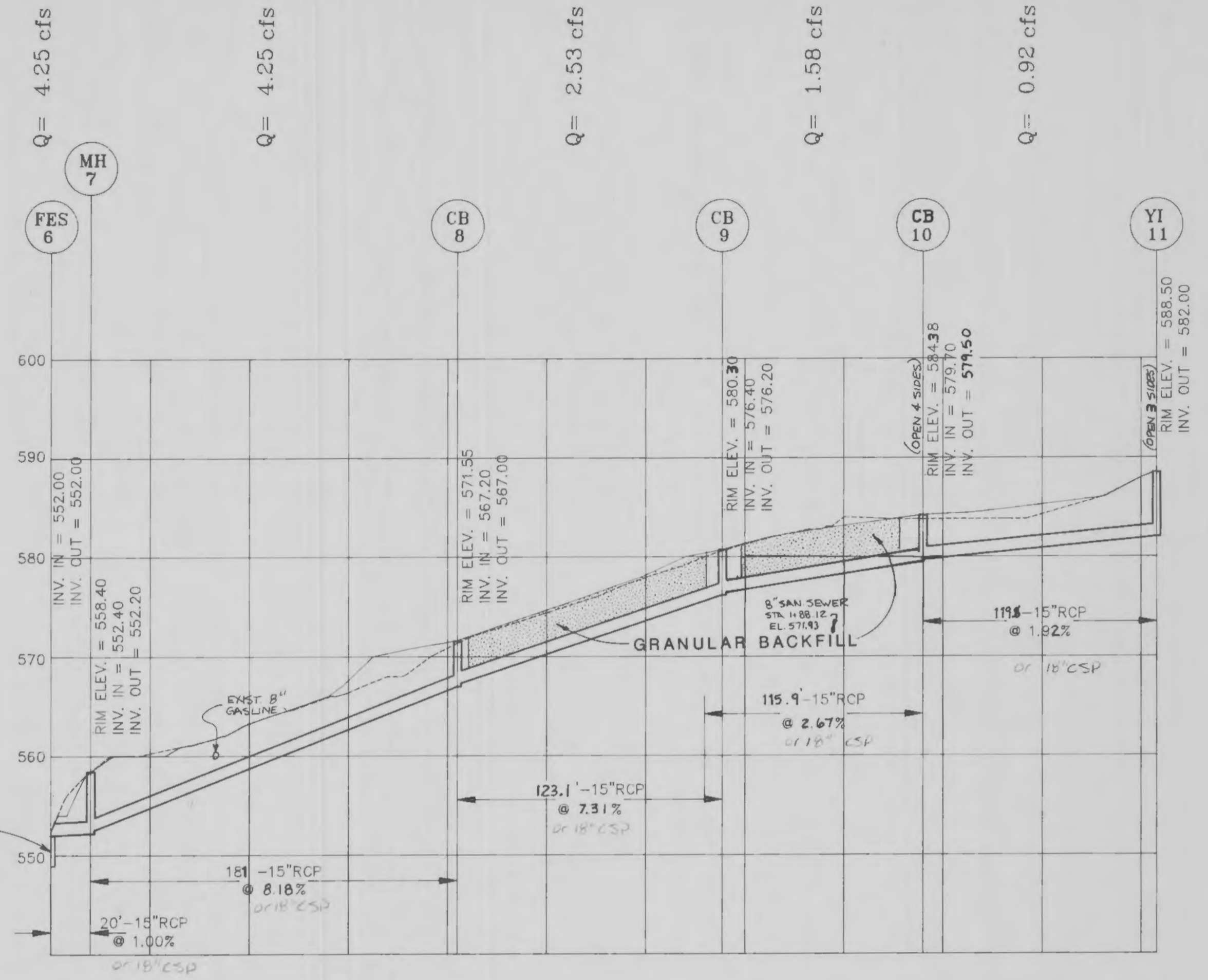


**INLET 18 ENTRANCE CONTROL**

P.I. for 50 Yr. Storm =  
 $[(15 \text{ Yr. storm}) \times 1.28] \times [1.2 (\text{SAT})] = 2.92$   
 $22.95 \text{ Ac.} \times 2.92 = 67.10$   
 $Q = 67.10 \text{ cfs}$   
 $D = 36 \text{ inches} = 3 \text{ ft.}$   
 From Nomograph  $\frac{H_w}{D} = 1.85$   
 $H_w = 5.55'$   
 $H_w \text{ Elev. } (E+H_w) = 570.70 + 5.55 = 576.25$   
 FREEBOARD  $578.25 - 576.25 = 2.0'$



REVISIONS

10/21/92	xy
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**FEISE FOREST ESTATES**  
 A TRACT OF LAND  
 BEING PART OF FRACTIONAL SECTION 34,  
 T.47N R4E O FALLEN, MO.

TITLE	FEISE FOREST ESTATES		
DESIGNED	J.Y.		
DRAWN	G.G.		
CHECKED	K.E.I.		
DATE	9-23-92		
SCALE	VERT. 1"=10' HORIZ. 1"=50'		
JOB	SHEET	OF	
5346	13	23	
FILE NAME	C:\4910\STORM\STORM.DWG		

STORM SEWER PROFILES