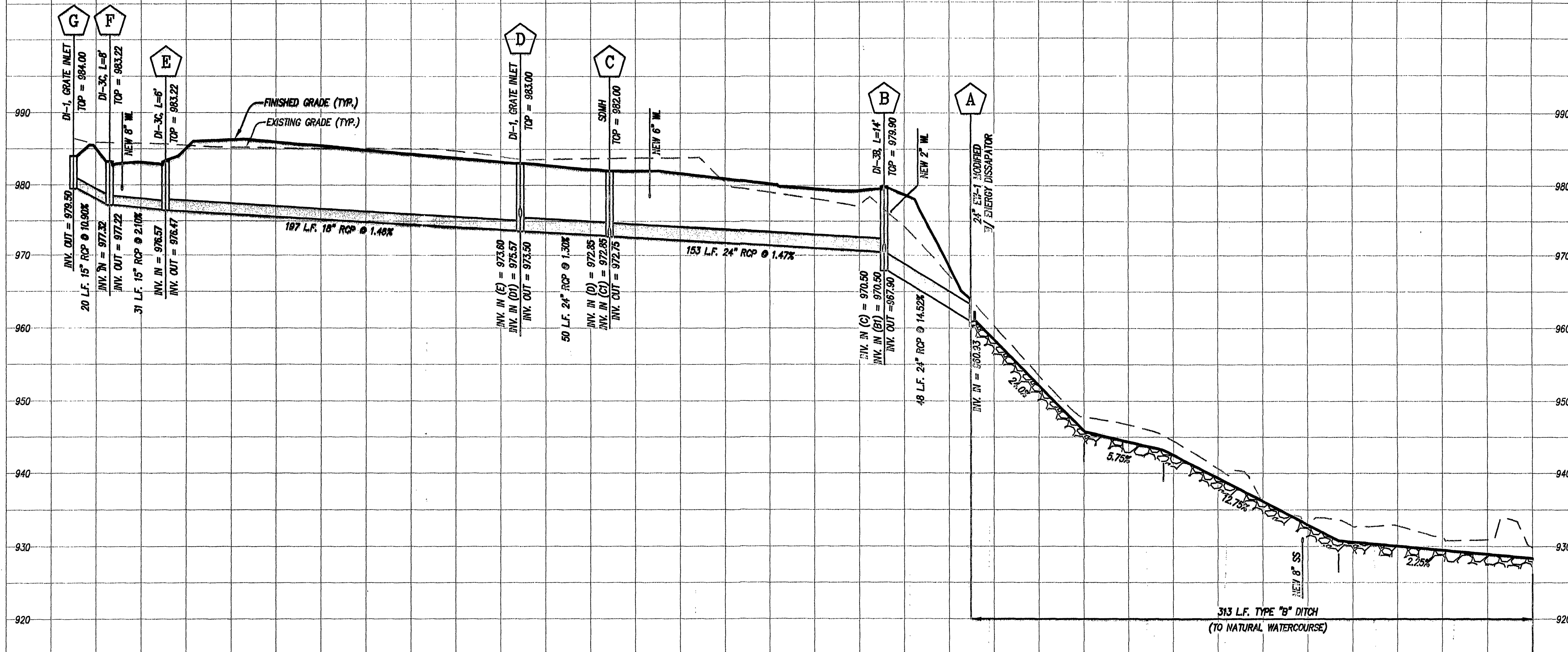


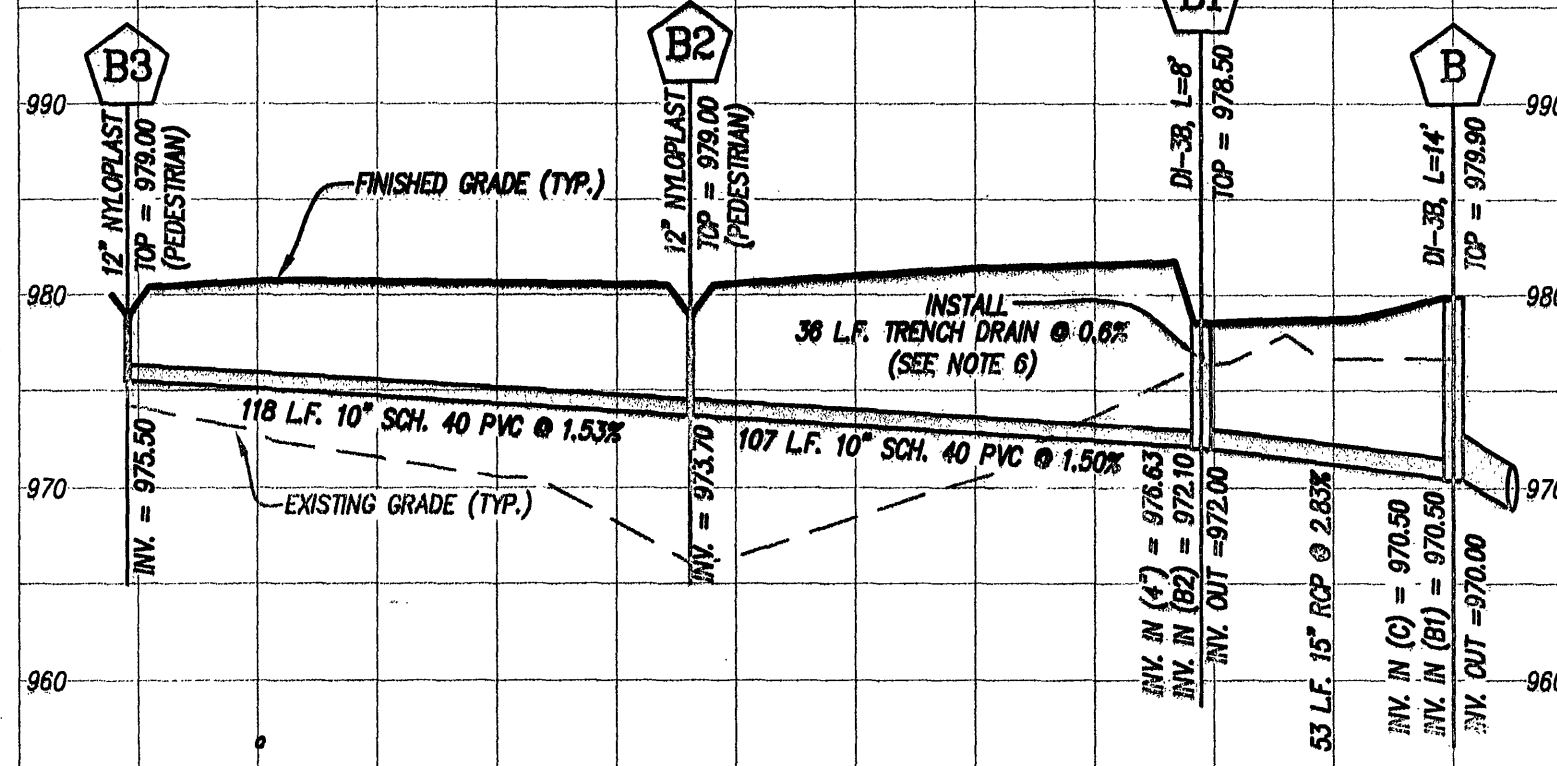
STORM DRAIN PROFILE

1" = 40' HOR. 1" = 10' VERT.



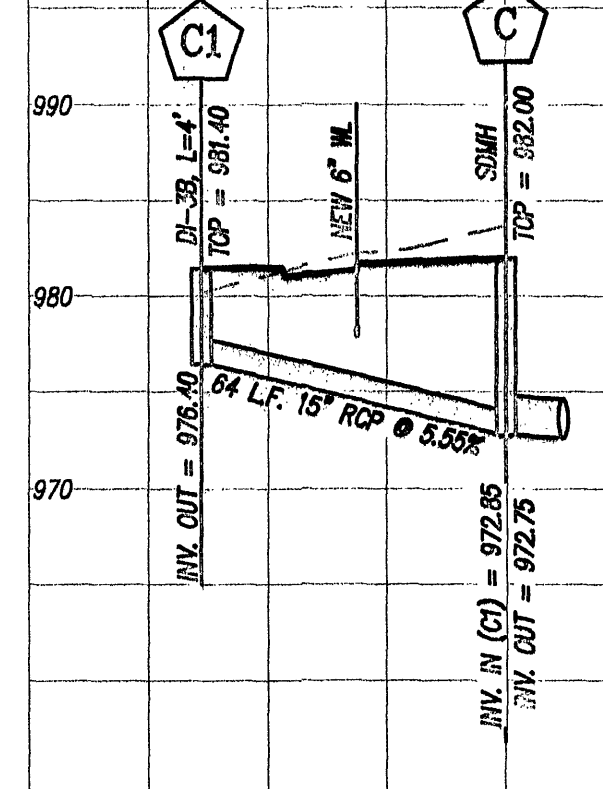
ROOF DRAIN PROFILE

1" = 40' HOR. 1" = 10' VERT.



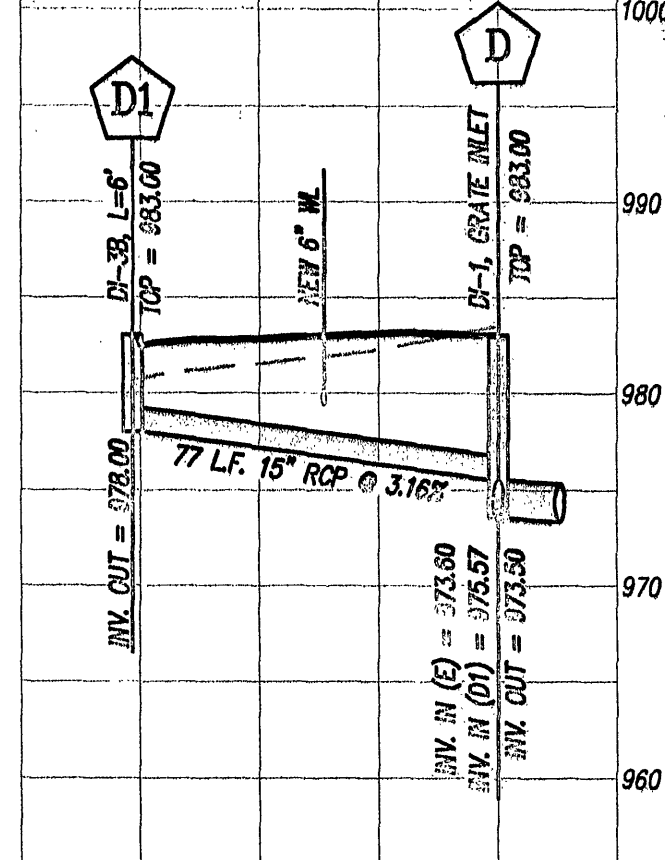
STORM DRAIN PROFILE

1" = 40' HOR. 1" = 10' VERT.



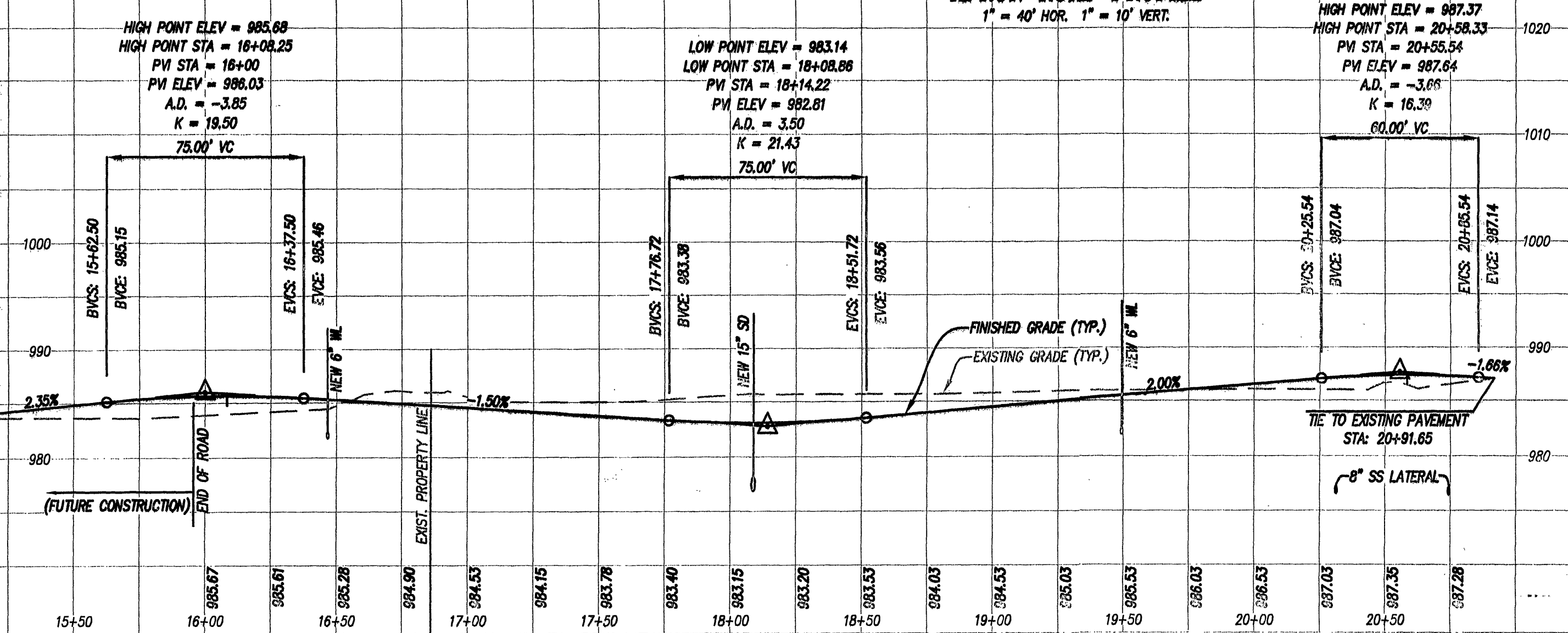
STORM DRAIN PROFILE

1" = 40' HOR. 1" = 10' VERT.



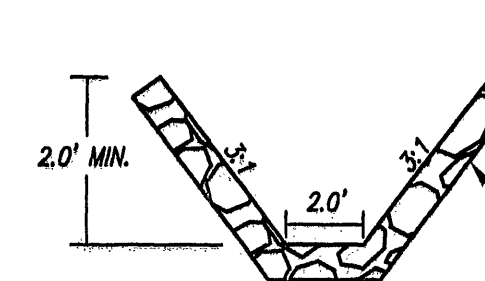
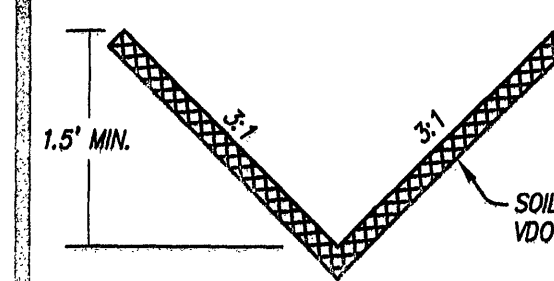
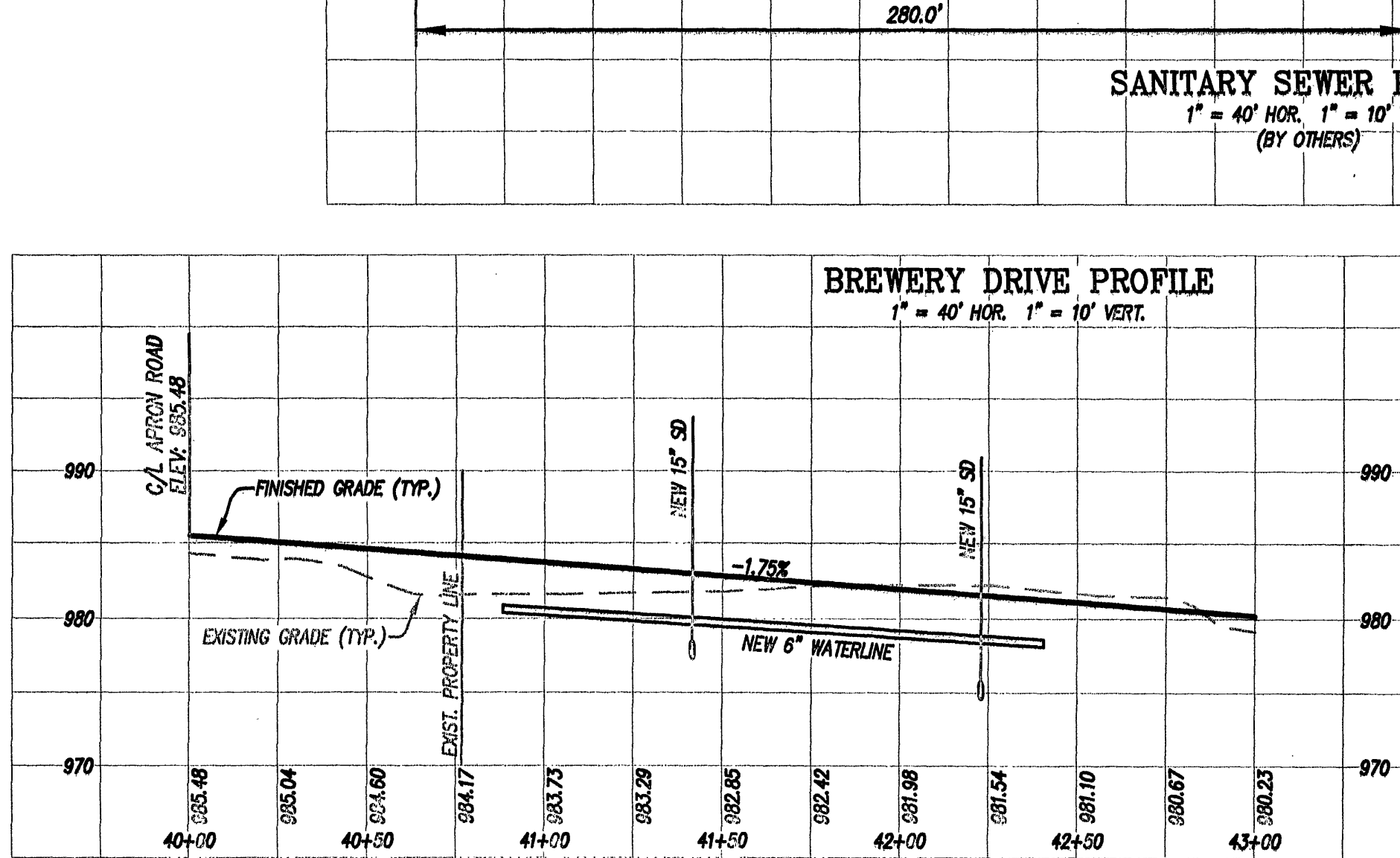
APRON ROAD PROFILE

1" = 40' HOR. 1" = 10' VERT.



BREWERY DRIVE PROFILE

1" = 40' HOR. 1" = 10' VERT.

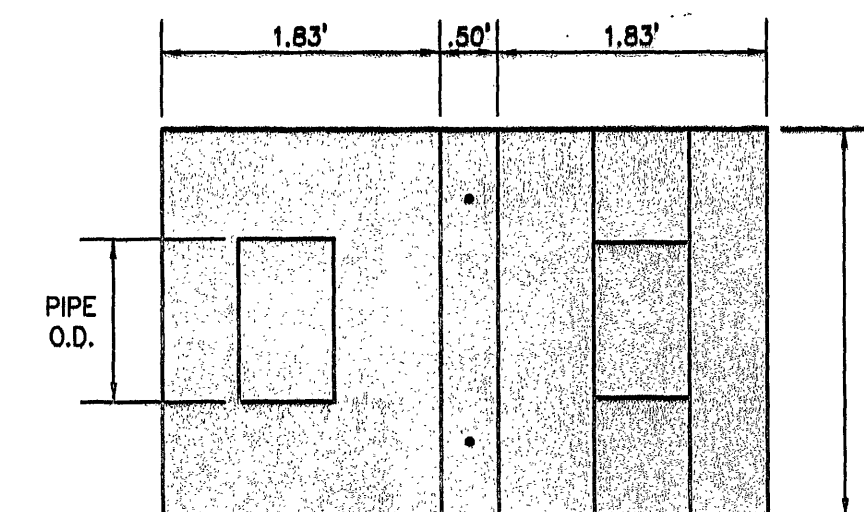


TYPE "A" DITCH

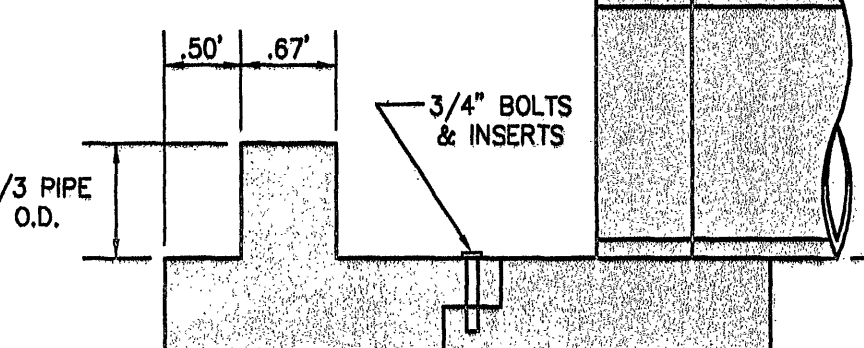
NO SCALE

TYPE "B" DITCH

NO SCALE



PIPE I.D.	H	L
12"	2.00'	4.00'
15"	2.25'	5.00'
18"	2.50'	6.00'
24"	3.17'	8.00'
30"	3.83'	10.00'
36"	4.50'	12.00'

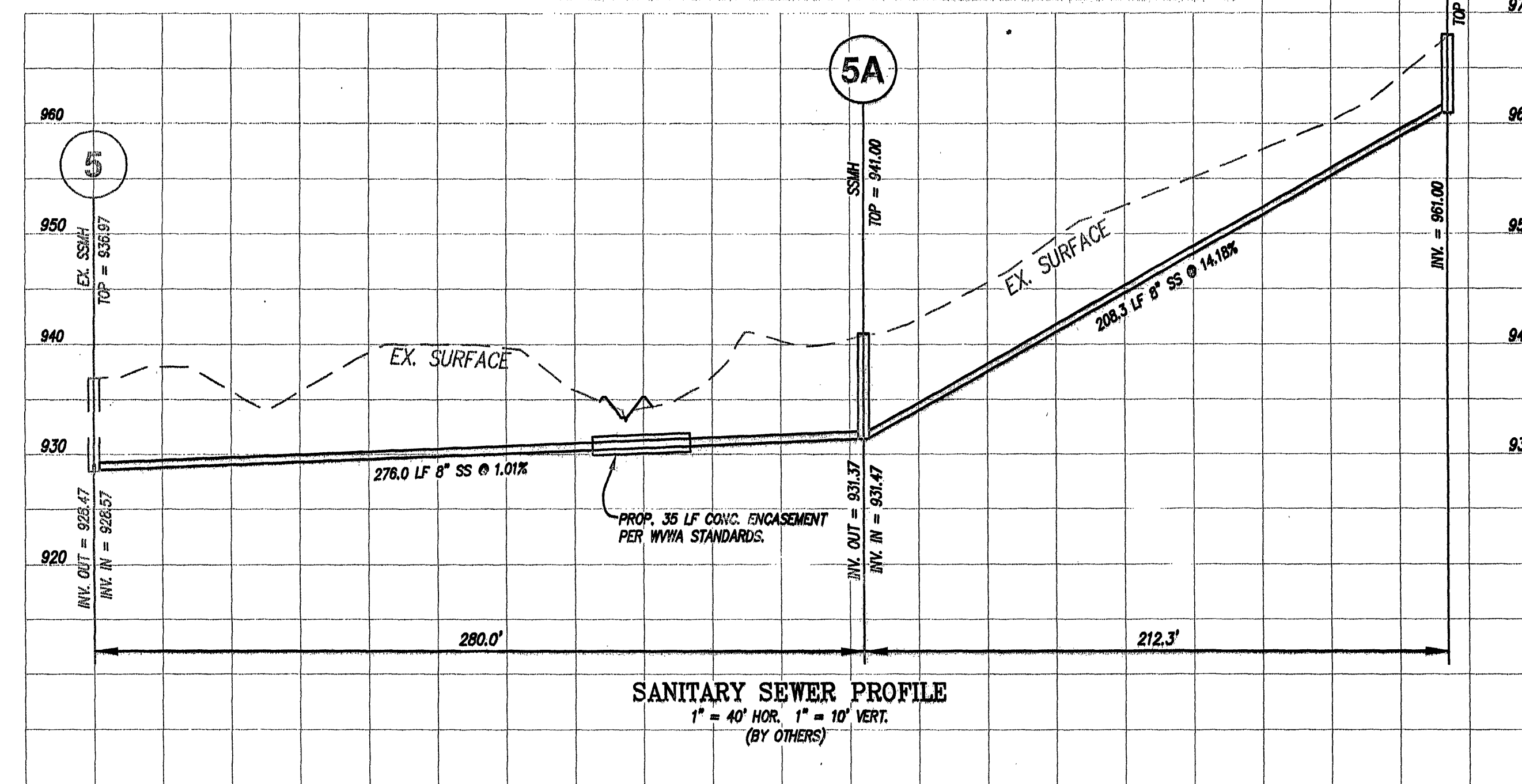


NOTES:

- CONCRETE 4,000 P.S.I.
- REINFORCING #4 @ 6" C.C. E.W. DOUBLE ROW THROUGHOUT.

EW-1 MODIFIED WITH ENERGY DISSIPATOR

NO SCALE



NOTES:

- ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
- MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER STANDARDS.
- SANITARY SEWER LINE MATERIAL SHALL BE PVC, SDR-35, EXCEPT AS NOTED, OR APPROVED EQUAL.
- A WESTERN VIRGINIA WATER AUTHORITY INSPECTOR MUST BE ON SITE DURING INSTALLATION OF NEW MANHOLES AT, OR CONNECTIONS TO, TIE IN AT EXISTING SANITARY SEWER LINES.
- SANITARY SEWER CONNECTION TO EXISTING MANHOLE SHALL BE EXCAVATED AND CORED BY THE CONTRACTOR. WESTERN VIRGINIA WATER AUTHORITY TO INSPECT THE CONTRACTOR'S CORE.
- TRENCH DRAIN TO BE ACO DRAIN TYPE STOCK WITH POWERLOK GRATE, OR APPROVED EQUAL. MINIMUM DEPTH AT UPPER END TO BE 9 INCHES TO INVERT AND MINIMUM DEPTH AT LOWER END TO BE 12 INCHES TO INVERT. PROVIDE OUTLET WITH 4" SCHEDULE 40 PVC PIPE TO STRUCTURE "B1".