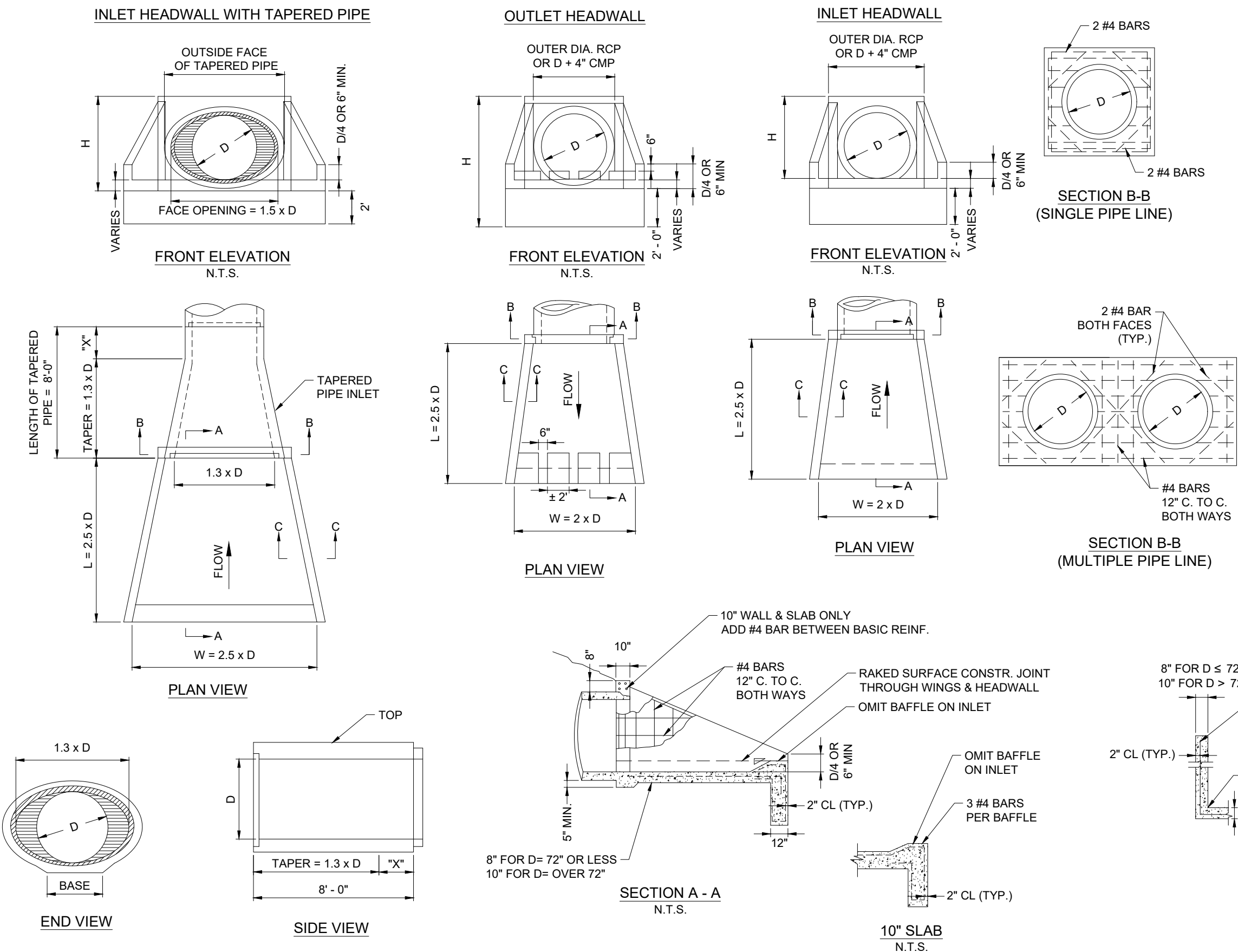


515 - Inlet and Outlet Headwalls.dwg March 17, 2026 - 3:11pm



- NOTES:
1. ALTERNATE DESIGN FOR PIPES LARGER THAN 54" USE G.D.O.T STANDARD #1125.
 2. RUBBLE MASONRY CONSTRUCTION NOT ALLOWED ON PIPES OVER 54".
 3. AN ALTERNATE DESIGN FOR THE ENERGY DISSIPATOR WOULD BE ACCEPTED ONCE APPROVED BY FULTON COUNTY. SEE STANDARD #516.
 4. CONCRETE TAPERED PIPE: STRUCTURAL REQUIREMENTS WILL BE ACCORDING TO ASTM C307 FOR CLASS HE-1 HORIZONTAL ELLIPTICAL PIPE.
 5. CORRUGATED METAL PIPE (CMP): MATERIAL REQUIRED TO MEET SEC. 844 (STEEL PIPE) OR SEC. 840 (ALUMINUM PIPE). CMP WILL CONFORM TO THE SAME LINES AND DIMENSIONS SHOWN, DETAILS ARE SHOWN FOR CONCRETE.
 6. FOR DETAILS,
D = INSIDE DIAMETER OF PIPE
H = D + PIPE WALL THICKNESS + 8" (FOR RCP)
H = D + 10" MIN (FOR CMP)

TABLE 515-1 TAPERED PIPE DIMENSIONS					
D	1.3 x D	"X"	MIN. THICKNESS (IN.)		
			CORRUGATED STEEL		CORRUGATED ALUMINUM
			2 2/3" x 1/2" CORR.	3" x 1" CORR.	----
24"	2'-8"	5'-4"	0.064	----	0.060
30"	3'-4"	4'-8"	0.064	0.064	0.073
36"	4'-0"	4'-0"	0.109	0.064	0.133
42"	4'-8"	3'-4"	0.109	0.064	0.133
48"	5'-4"	2'-8"	0.138	0.064	0.164
54"	6'-0"	2'-0"	0.168	0.064	----
60"	6'-8"	1'-4"	----	0.075	----

FULTON COUNTY STANDARD DETAIL 515

INLET & OUTLET HEADWALLS

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML

APPROVED: TM

DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS

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404-612-7400 FAX: 404-224-0498

DRAWING NO.

515