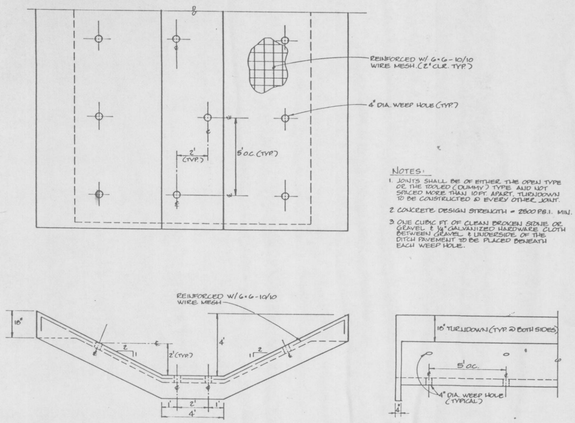
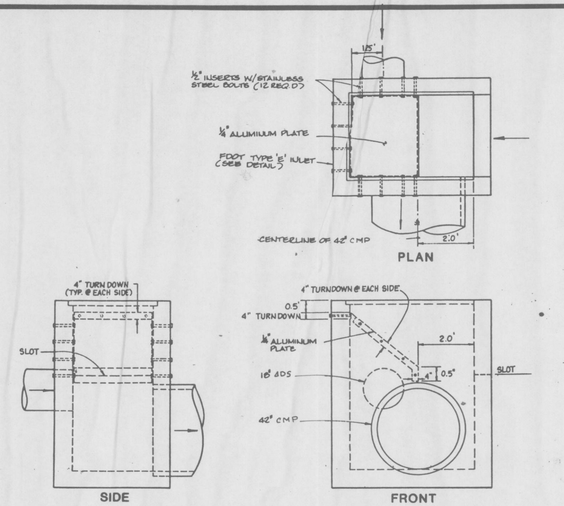
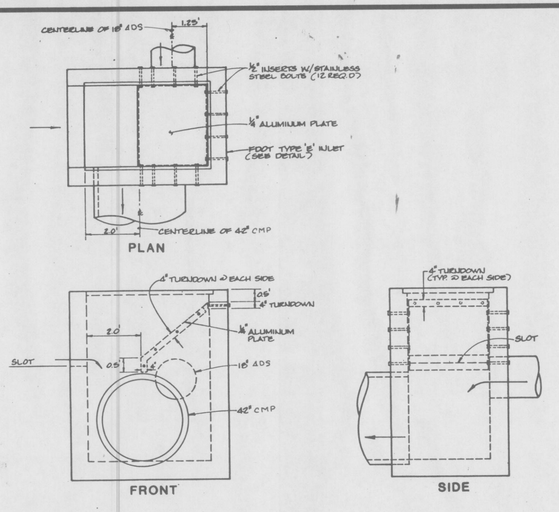


CONC. PAVING W/WEEP HOLES



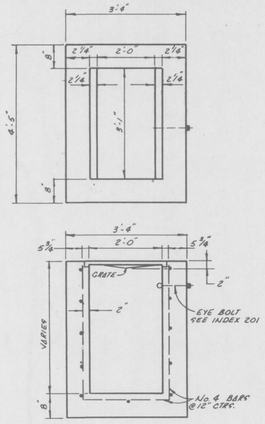
MODIFIED FDOT TYPE "E" INLET DETAIL - A

FOR STRUCTURES S-2, S-5, S-10, S-13, S-16, S-19, AND S-27

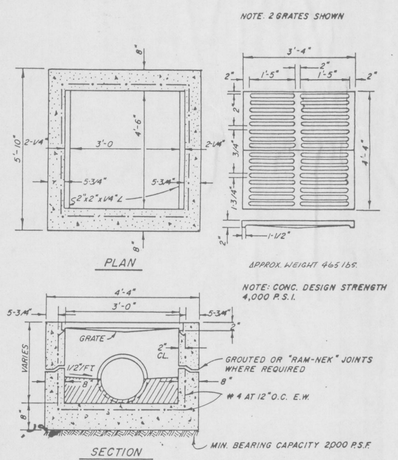


MODIFIED FDOT TYPE "E" INLET DETAIL - B

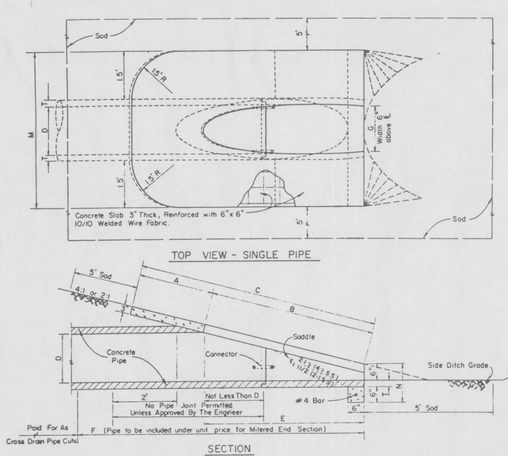
FOR STRUCTURES S-24, S-33, S-38, S-41, S-44, S-47, S-52, AND S-55.

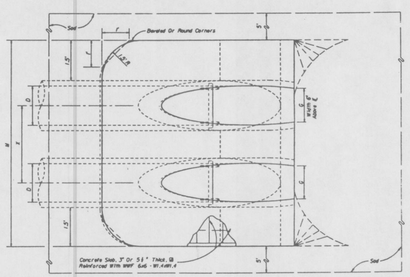


FDOT TYPE "C" INLET



FDOT TYPE "E" INLET

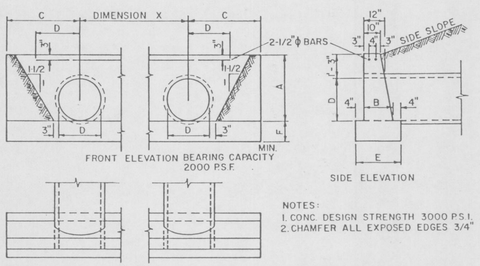




DIMENSIONS AND QUANTITIES

	D	t	A	B	C	E	F	G	2" CONCRETE SLAB (TYP.) @				REBARS - LBS./SQ.FT.			
									Single Pipe	Double Pipe	Triple Pipe	Quad Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe
R.C.P.	15"	2"	1'-0"	2'-0"	1'-0"	1'-3"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	18"	2"	1'-0"	2'-0"	1'-0"	1'-6"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	24"	2"	1'-0"	2'-0"	1'-0"	1'-9"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	30"	2½"	1'-0"	2'-0"	1'-0"	2'-0"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	36"	2½"	1'-0"	2'-0"	1'-0"	2'-3"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	42"	3"	1'-0"	2'-0"	1'-0"	2'-6"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	48"	3"	1'-0"	2'-0"	1'-0"	2'-9"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	54"	3½"	1'-0"	2'-0"	1'-0"	3'-0"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
E.L.L.	15"	2"	1'-0"	2'-0"	1'-0"	1'-3"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	18"	2"	1'-0"	2'-0"	1'-0"	1'-6"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	24"	2"	1'-0"	2'-0"	1'-0"	1'-9"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	30"	2½"	1'-0"	2'-0"	1'-0"	2'-0"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	36"	2½"	1'-0"	2'-0"	1'-0"	2'-3"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	42"	3"	1'-0"	2'-0"	1'-0"	2'-6"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	48"	3"	1'-0"	2'-0"	1'-0"	2'-9"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8
	54"	3½"	1'-0"	2'-0"	1'-0"	3'-0"	0'-6"	3'-0"	7.0	12.0	17.0	22.0	1.2	2.4	3.6	4.8

SINGLE AND DOUBLE MITERED END DETAIL FOR ROUND CONC. PIPE

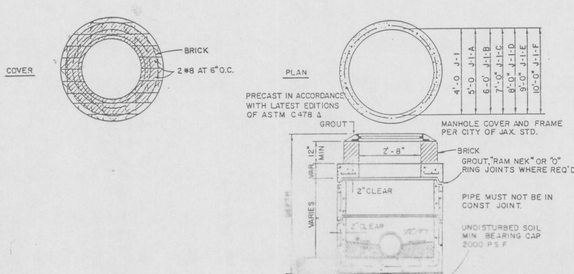


NOTES:
1. CONC. DESIGN STRENGTH 3000 P.S.I.
2. CHAMFER ALL EXPOSED EDGES 3/4"

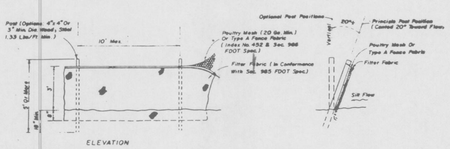
TABLE OF CONSTRUCTION DATA AND ESTIMATED QUANTITIES FOR ROUND PIPE CULVERTS

D	CONSTRUCTION DATA: AREA OF OPENING - SQ. FT. 2 PIPES	3 PIPES	4 PIPES	DIMENSIONS: X	A	B	C	E	F	QUANTITIES IN ONE ENDWALL - CU. YDS. OF CONCRETE: 2 PIPE CULVERTS CONC. PIPE	M. PIPE	3 PIPE CULVERTS CONC. PIPE	M. PIPE	4 PIPE CULVERTS CONC. PIPE	M. PIPE
15"	2.4	3.6	4.9	2'-7"	2'-6"	1'-2"	4'-9"	1'-10"	1'-2"	1.9	1.9	2.2	2.3	2.6	2.6
18"	3.5	5.3	7.0	2'-10"	2'-9"	1'-3"	5'-3"	1'-11"	1'-3"	2.3	2.4	2.8	2.9	3.2	3.3
24"	6.3	9.4	12.6	3'-5"	3'-3"	1'-4"	6'-3"	2'-0"	1'-4"	3.2	3.3	3.8	3.9	4.4	4.5
30"	9.9	14.7	19.6	4'-3"	3'-9"	1'-6"	7'-3"	2'-2"	1'-6"	4.6	4.8	5.5	5.7	6.3	6.6
36"	14.1	21.2	28.3	5'-1"	4'-3"	1'-8"	8'-3"	2'-4"	1'-8"	6.3	6.5	7.5	7.8	8.7	9.1
42"	19.2	28.9	38.5	6'-0"	4'-9"	1'-10"	9'-3"	2'-6"	2'-0"	8.8	9.1	10.6	11.1	12.4	13.0
48"	25.1	37.7	50.3	6'-9"	5'-3"	2'-1"	10'-3"	2'-9"	2'-0"	11.2	11.6	13.4	14.1	15.7	16.6
54"	31.8	47.7	63.6	7'-8"	5'-9"	2'-6"	11'-3"	3'-2"	2'-3"	16.2		19.8		23.3	

CONC. ENDWALL FOR MULTIPLE 15" - 54" ROUND PIPES



STORM SEWER TYPE "J" MANHOLE



SILT FENCE - TYPICAL DETAIL

NTS

NOTES

1. STEEL POSTS WHICH SUPPORT SILT FENCE TO BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
2. TOE OF SILT FENCE TO BE TRENCHED IN WITH SPADE OR MECHANICAL TRENCHER SO THAT DOWNSLOPE FACE OF TRENCH IS FLAT AND PERPENDICULAR TO LINE OF FLOW.
3. TRENCH TO BE MIN. OF 6 INCHES DEEP AND THREE TO FOUR FEET WIDE TO ALLOW FOR SILT FENCE TO BE LAID IN GROUND AND BACKFILLED.
4. SILT FENCE TO BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVENWIRE WHICH IS IN TURN ATTACHED TO STEEL FENCE POST.
5. ACCUMULATED SILT TO BE REMOVED WHEN IT REACHES DEPTH OF 6 INCHES AND UNIFORMLY DISTRIBUTED OVER SOIL IN PROJECT CONSTRUCTION AREA.
6. REMOVE AND DISPOSE OF SILT FENCE AFTER PROJECT HAS BEEN ACCEPTED BY OWNER AT NO ADDITIONAL COST TO OWNER.

SILT FENCE TYPICAL DETAIL

REVISIONS

ENG. PROJ. NO. E 89-113-4
DRAWN BY: D.T.
CHECKED BY: S.W.
DATE: JUNE 18, 1990

PAVING AND DRAINAGE DETAILS

TRAIL RIDGE LANDFILL (PLAN A)

England-Thims & Miller, Inc.
Consulting & Design Engineers
JACKSONVILLE, FLORIDA

DRAWING NO. 38

PROJ. NO. 89-113-4

NOT RELEASED FOR CONSTRUCTION