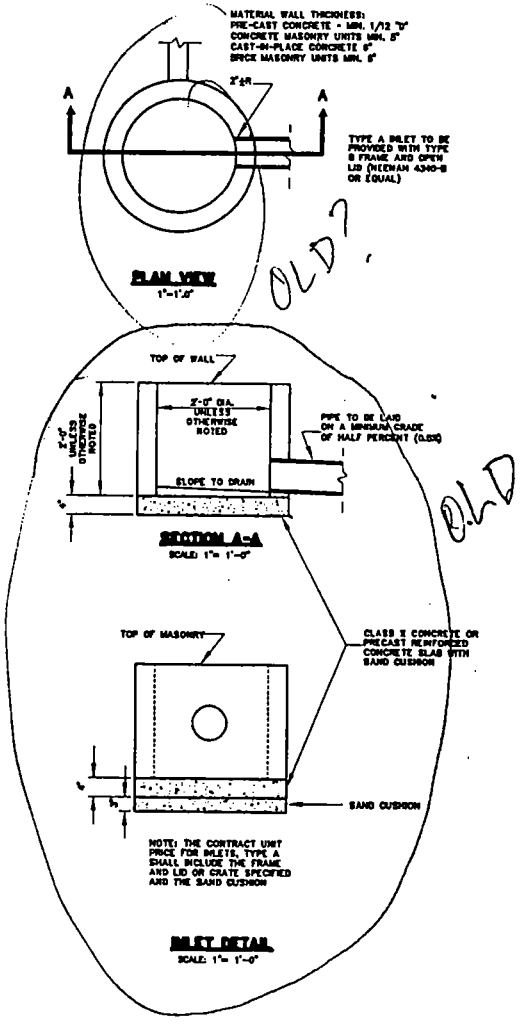
- Rodney Hunt (Mass?)
- Hydro Gate (Colorado?)
- American Cast Iron Pipe
- US Pipe

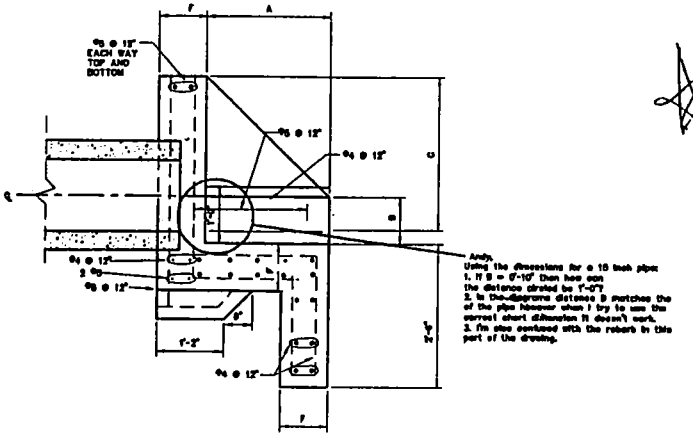
flap gate mfrs.

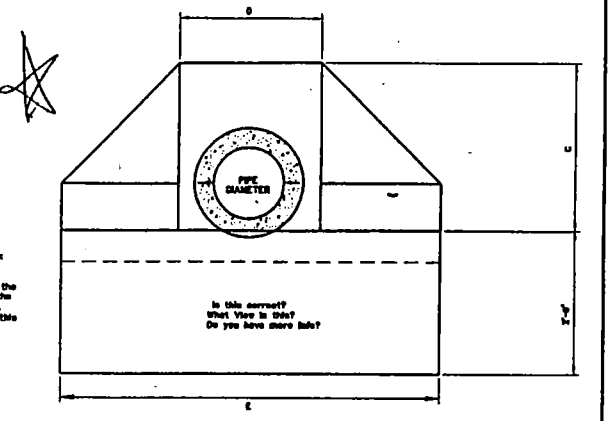
SDMS DocID 2241279

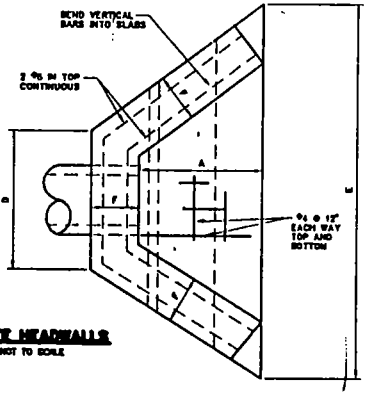
ORIGINAL

CATCH/BASIN
FLOOD VALVE
(Copy)





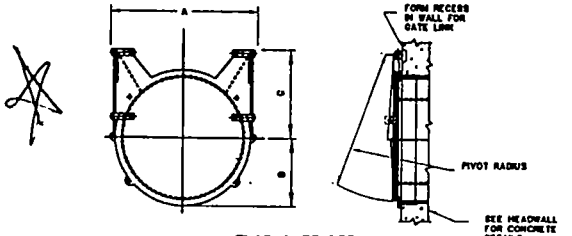




CONCRETE HEADWALLS
NOT TO SCALE

MARK	PIPE SIZE (INCHES)	DIMENSIONS					
		A	B	C	D	E	F
MW-1	12	1'-7"	0'-10"	2'-8"	2'-3"	5'-3.5"	0'-10"
MW-2	15	2'-2"	0'-10"	2'-11"	2'-8"	6'-7.5"	0'-10"
MW-3	18	2'-2"	1'-1"	3'-2"	2'-10"	6'-10.5"	0'-10"
MW-4	21	2'-10"	1'-1"	3'-8"	3'-2"	8'-6.5.5"	1'-0"
MW-5	24	2'-10"	1'-4"	3'-8"	3'-8"	8'-10.5"	1'-0"
MW-6	30	3'-4"	1'-7"	4'-3"	4'-8"	10'-8.5"	1'-0"
MW-7	36	4'-0"	1'-10"	4'-10"	4'-10"	12'-5.5"	1'-0"
MW-8	42	5'-0"	2'-0"	5'-6"	5'-8"	14'-11.5"	1'-0"
MW-9[1]	48	6'-6"	2'-0"	5'-10"	5'-10"	18'-5.5"	1'-0"

NOTE:
1. GATE NOT SHOWN SEE GATE DETAIL.



FLAP GATE DETAIL
SCALE: 1"= 1'-0"

SIZE	A	B	C	PIVOT RADIUS
8	10.75	5.00	8.50	10.25
10	13.75	6.25	8.00	12.50
12	15.25	7.33	9.25	15.00
15	18.75	9.00	11.50	18.50
18	21.75	10.50	13.75	22.25
21	24.75	12.25	16.00	26.00
24	27.75	13.75	18.00	29.75
30	34.25	17.00	21.75	36.25
36	41.50.	20.50.	26.75.	43.75.
42	47.50	23.50	31.00	51.50
48	54.00.	27.00.	35.50	58.75.

NOTES:
1. ALL DIMENSIONS IN INCHES.
2. MAXIMUM WIDTH OF GATE MAY OCCUR AT TOP OR ON HORIZONTAL CENTER LINE. "A" DIMENSION IS SHOWN FOR MAXIMUM HORIZONTAL WIDTH OF GATE. VARIFY ALL DIMENSIONS WITH GATE MANUFACTURER.

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED ---
DRAWN D.M.F.
CHECKED ---
DATE OCT 2000

Tetra Tech EM Inc.
Philadelphia, Pennsylvania

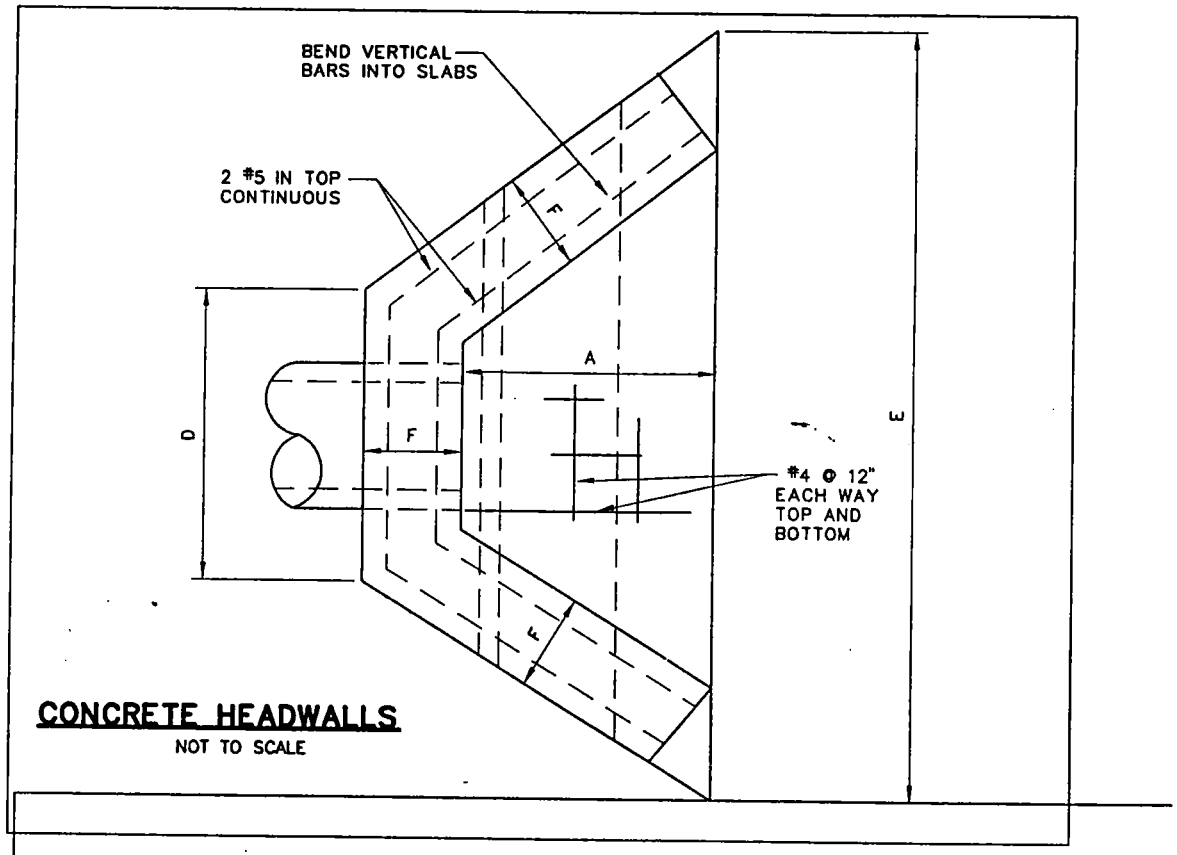
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
12th STREET LANDFILL SITE
WILMINGTON, DELAWARE
TOD NO. 03-0007-003

SCALE

PREPARATORY GRADING PLAN DETAILS

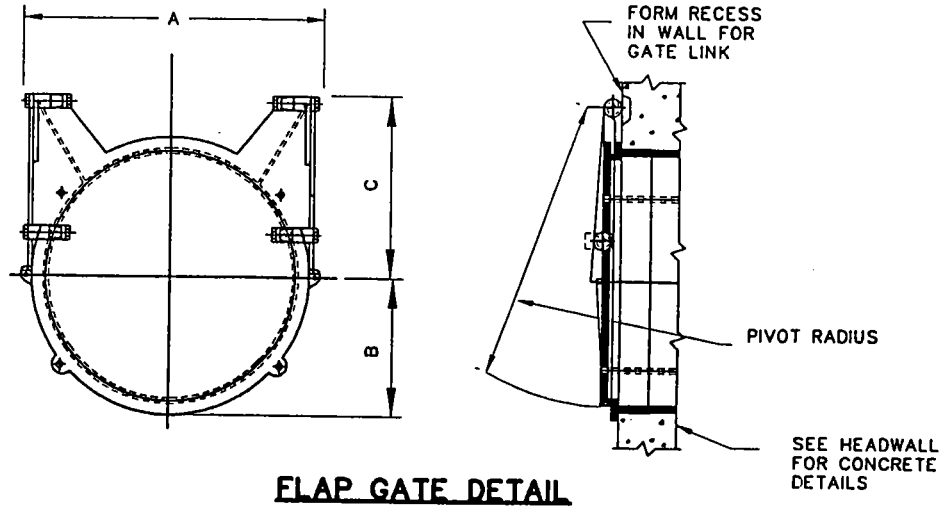
SHEET 6 OF 6

PROJECT NO. 0903.3170007003



CONCRETE HEADWALLS

NOT TO SCALE



FLAP GATE DETAIL

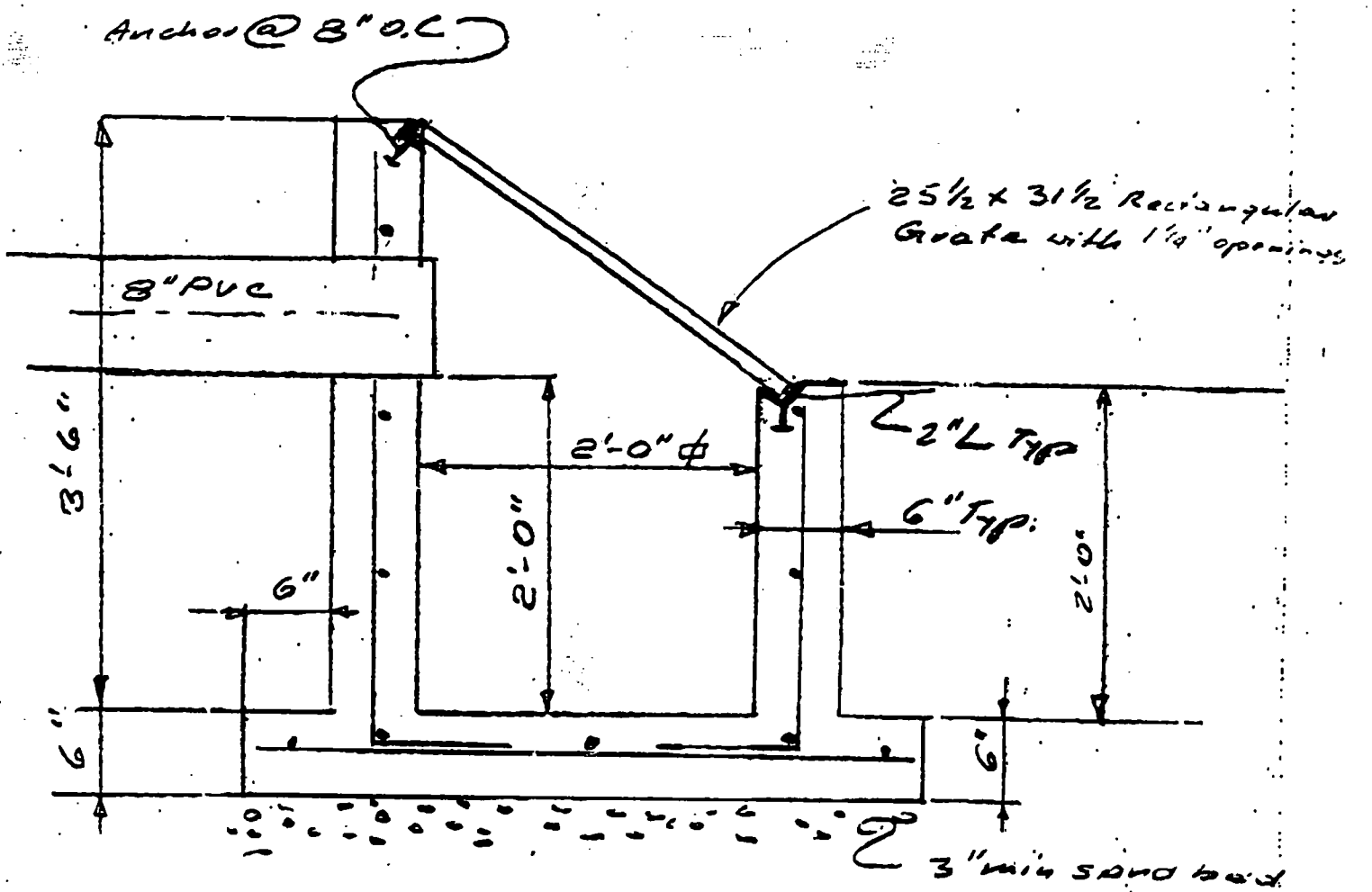
SCALE: 1"= 1'-0"

PRC Environmental Management

PROJECT _____ NO. 2 ___ OF ___ SUBJECT 12th St Dump

DESIGNED ___ DATE ___ CHECKED ___ DATE ___ Inlet Detail

ORIGINAL



SECTION AA

Scale 1" = 1'-0"

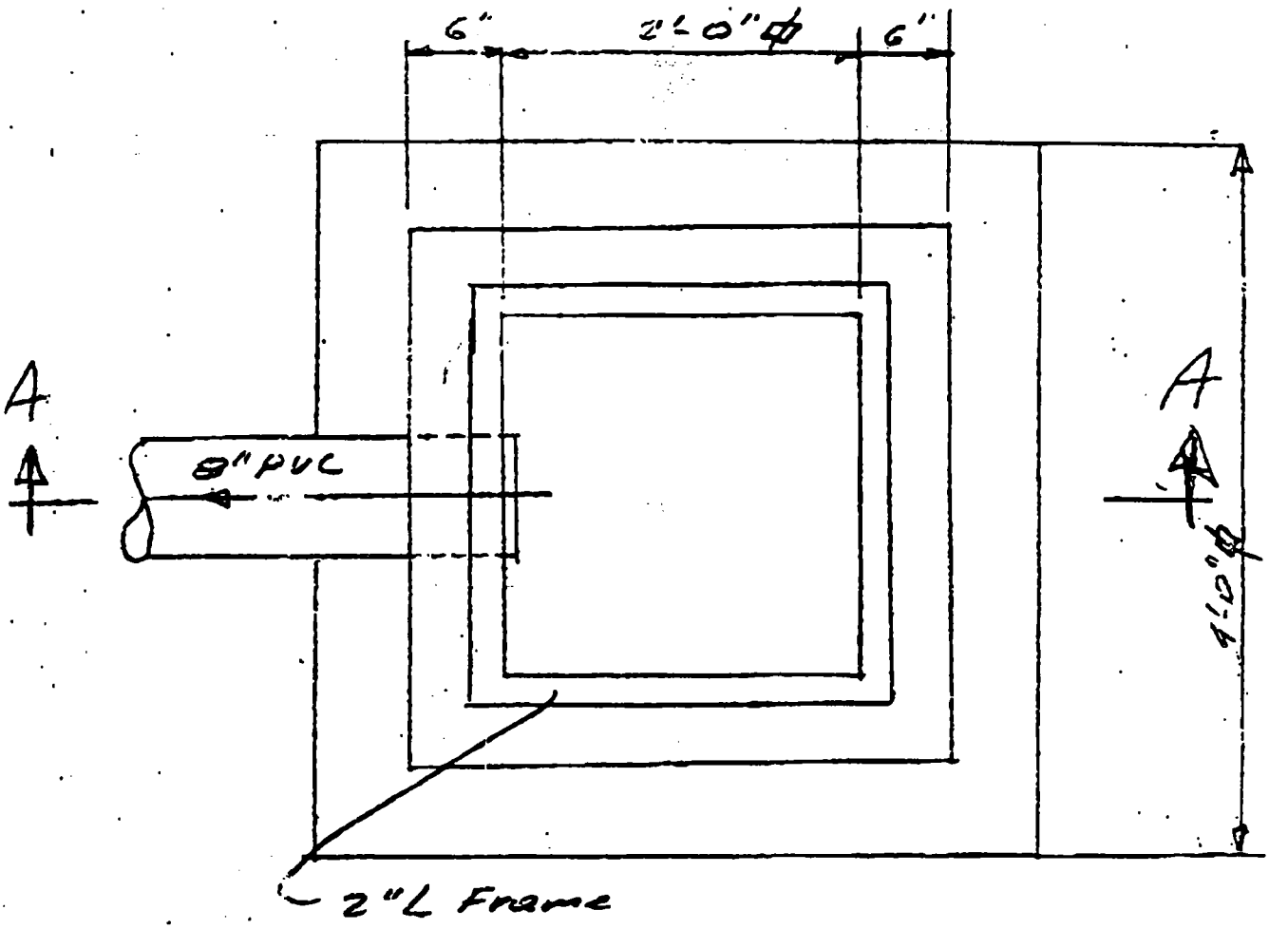
All bars are #4 @ 12"

PRC Environmental Management

ORIGINAL

PROJECT _____ NO. 12 ___ OF ___ SUBJECT Inlet

DESIGNED ___ DATE ___ CHECKED ___ DATE ___ 12th St. Dump



PLAN

CATCH BASIN INLET DETAIL

SCALE 1" = 1'-0"