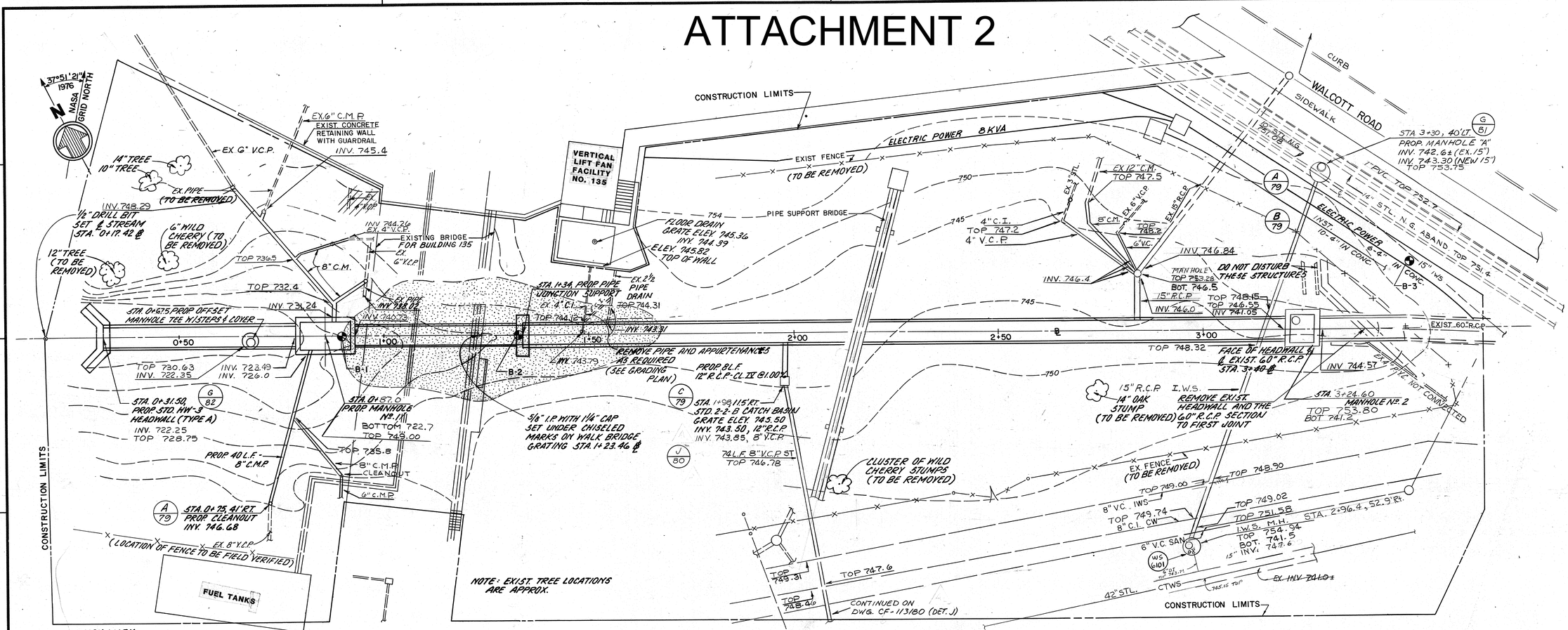
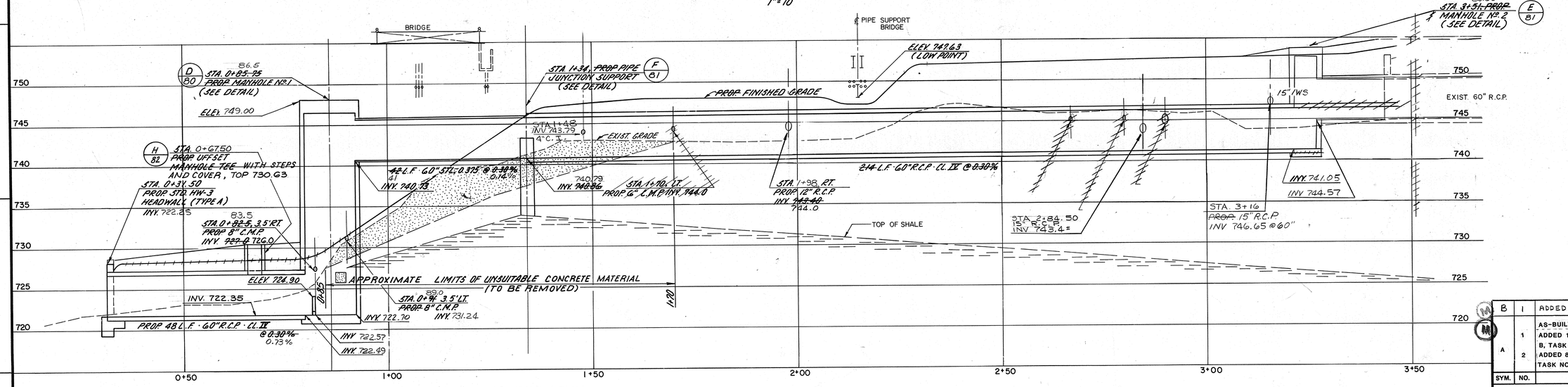
ATTACHMENT 2



PLAN
1"=10'



PROFILE
1"=5' VERT.
1"=10' HORIZ.

NOTE: THE CONTRACTOR SHALL SUBMIT A PLAN FOR MAINTAINING THE FLOW FROM THE EXISTING 60" STORM SEWER AND DRAINAGE LATERALS FOR THE DURATION OF THE PROJECT.

THE PLAN MUST BE APPROVED BY THE CONTRACTING OFFICER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.

GRAPHIC SCALES
0 10 20 30 1"=10'-0"
0 5 10 20 1"=5'-0"

SYM.	NO.	DESCRIPTION REVISIONS	APP./DATE
B	1	ADDED TAG WS 6101	BA 11-1-88
A		AS-BUILT	DDN/JH
	1	ADDED 15" IWS FROM MH A TO MH B, TASK NO. 8492.	DDN/CW/RN RAZ/STY 3-5-86
	2	ADDED 8" STORM TO CATCH BASIN, TASK NO. 8493.	

DESIGN CONTRACTOR: Sverdrup TECHNOLOGY INC. CLEVELAND, OHIO
DR. by TFM
DES. by
CHK'D by
DATE 10/04/88
APPROVED
C. O. R.

PLANS PREPARED BY: adache - ciuni - lynn associates inc. 4601 ROCKSIDE ROAD CLEVELAND, OHIO 44131

APPROVED	
C.O.	

UNLESS OTHERWISE SPECIFIED
.X DIM. MAY VARY ± 0.05
.XX DIM. MAY VARY ±0.05
.XXX DIM. MAY VARY ±
ANGULAR DIM. MAY VARY ±
.....DIM. MAY VARY ±
BREAK SHARP EDGES.....

DR.	CK.	D. SUP.
DES.	D. ENG. RAZ	D.P. ENG. RZ
D.S. HD.	D.S. CH.	D. DIV.
R. ENG.	R.S. HD.	R. DIV.

NASA LEWIS RESEARCH CENTER CLEVELAND, OHIO 44135

STORM SEWER ADDITION NEAR VERTICAL LIFT FACILITY, BLDG. 135

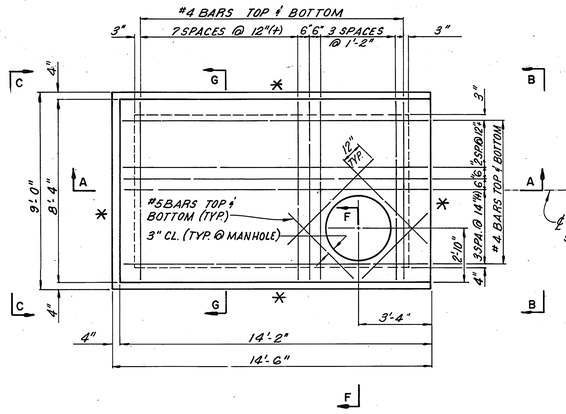
PLAN AND PLOTTING

SCALE AS SHOWN
REFERENCE

CF-113178
CIVIL
OFFICIAL DATE 2/21/89

CW/NB

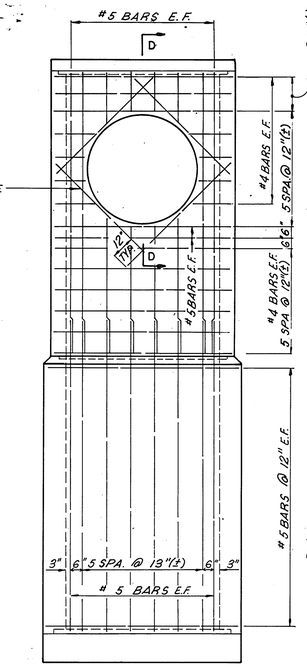
ATTACHMENT 2



PLAN

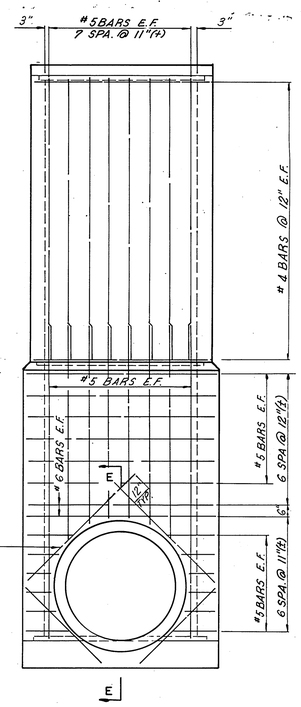
3/8" = 1'-0"

* SURFACE TO RECEIVE ARCHITECTURAL TREATMENT AS SPECIFIED.



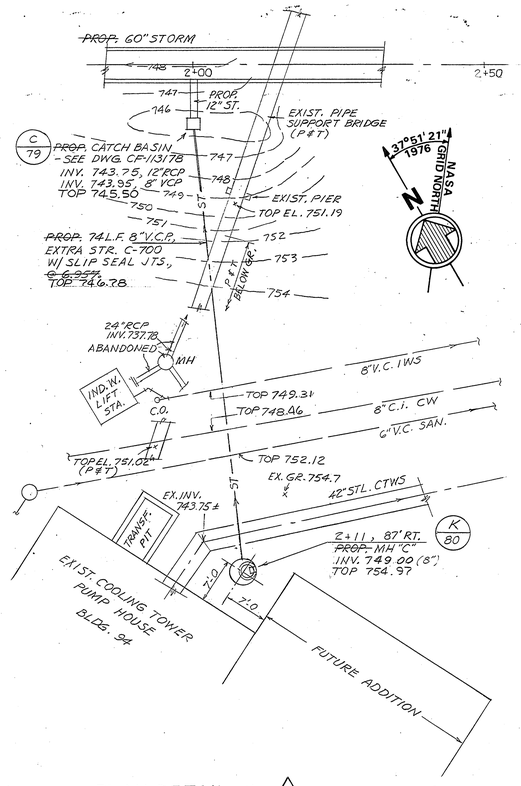
VIEW B-B

3/8" = 1'-0"



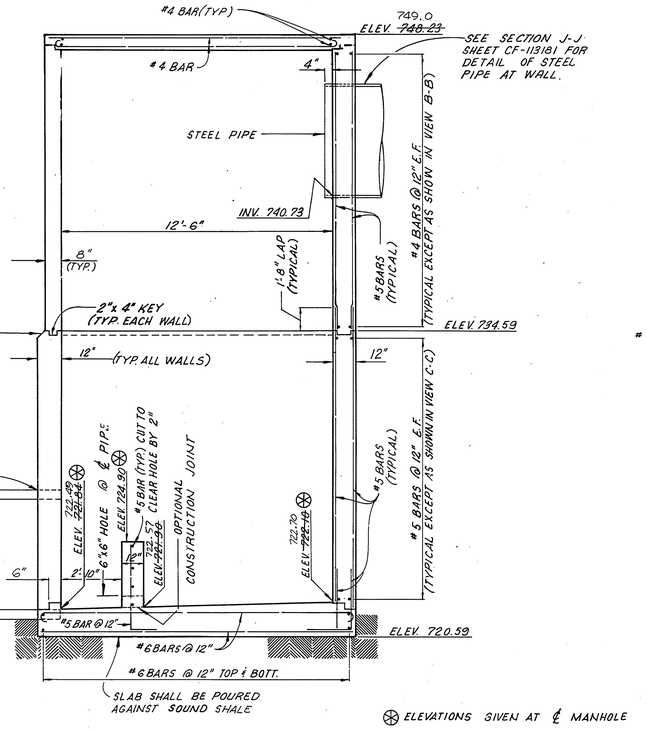
VIEW C-C

3/8" = 1'-0"



PLAN DETAIL J (A)

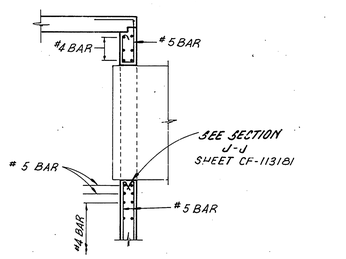
1" = 10'-0



SECTION A-A

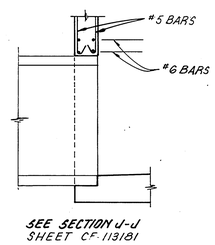
3/8" = 1'-0"

⊗ ELEVATIONS GIVEN AT ℄ MANHOLE



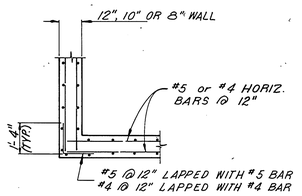
SECTION D-D

3/8" = 1'-0"



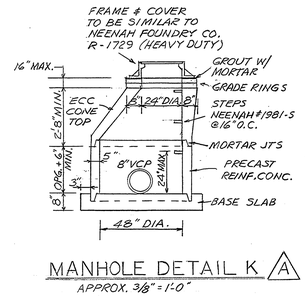
SECTION E-E

3/8" = 1'-0"



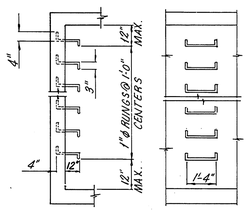
TYPICAL CORNER DETAIL

3/8" = 1'-0"



MANHOLE DETAIL K (A)

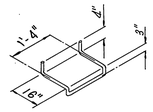
APPROX. 3/8" = 1'-0"



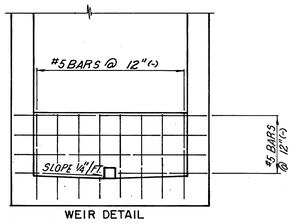
SECTION F-F ELEVATION

LADDER RUNG INSTALLATION IN CONCRETE WALL DETAILS

3/8" = 1'-0"



RUNG DETAIL



WEIR DETAIL

PART SECTION G-G

3/8" = 1'-0".

GRAPHIC SCALE

0 1 2 3 4 5 6 7 8 3/8" = 1'-0"

A 1"=10' 0 5 10 20 30

SYM.	NO.	DESCRIPTION REVISIONS	APP./DATE
A		AS-BUILT ADDED PLAN DETAIL J AND MANHOLE DETAIL K TASK NO. 8493	DDN/JH DDN/CW/RN RAZ/STY 3-5-86

DESIGN CONTRACTOR	-
APPROVED	
C. O. R.	

UNLESS OTHERWISE SPECIFIED
.X DIM. MAY VARY ± 0.05
.XX DIM. MAY VARY ±0.05
.XXX DIM. MAY VARY ±
ANGULAR DIM. MAY VARY ±
.....DIM. MAY VARY ±
BREAK SHARP EDGES.....

DR.	CK.	D. SUP.
DES.	D. ENG. RAZ	D.P. ENG. RAZ
D.S. HD.	D.B. CHF	D. DIV.
R. ENG.	R.S. HD.	R. DIV.

PLANS PREPARED BY: adache - ciuni - lynn associates inc. 4401 ROCKSIDE ROAD CLEVELAND, OHIO 44131

APPROVED
C. O.

NASA LEWIS RESEARCH CENTER CLEVELAND, OHIO 44135

STORM SEWER ADDITION NEAR VERTICAL LIFT FAN FACILITY, BLDG. 135

MISCELLANEOUS DETAILS

SCALE AS SHOWN
REFERENCE

CF-113180

CIVIL

OFFICIAL DATE 2/2/84

MANHOLE NO. 1 - DETAIL D