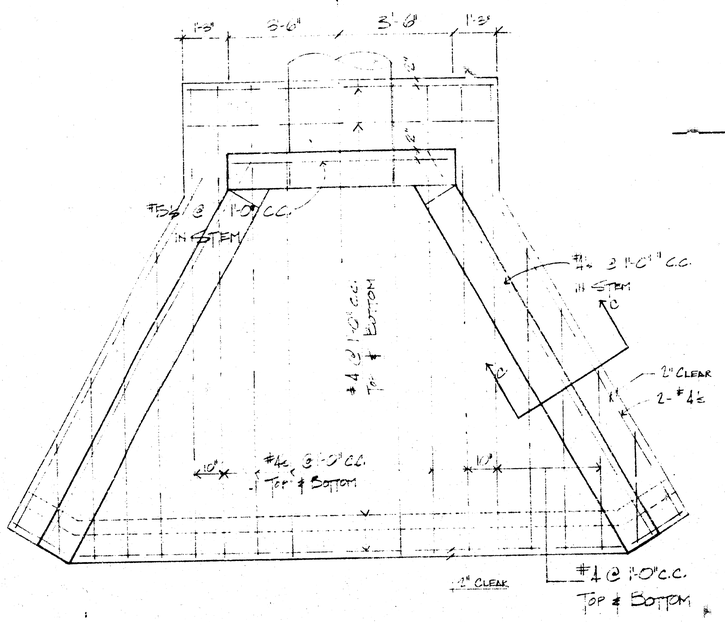
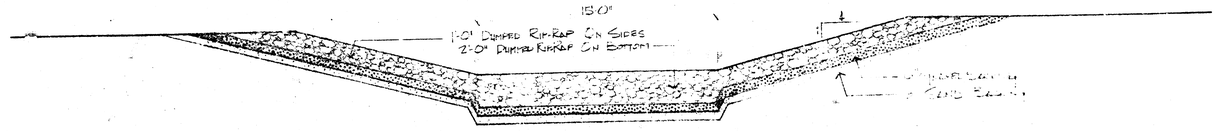
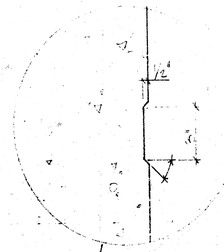
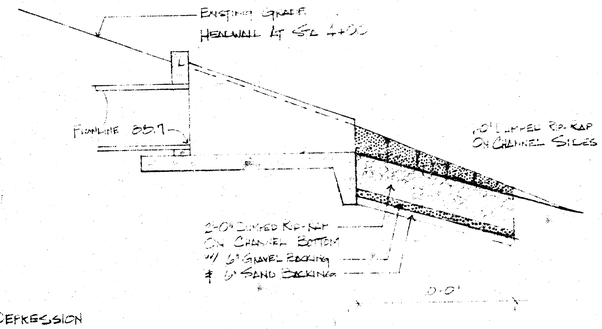


OUTFALL HEADWALL PLAN
1/2"=1'-0"

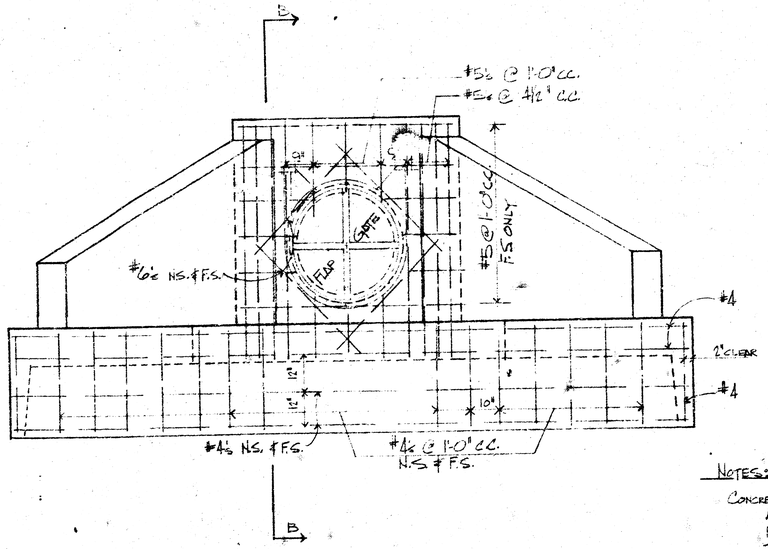


RIP-RAP DETAIL
1/4"=1'-0"

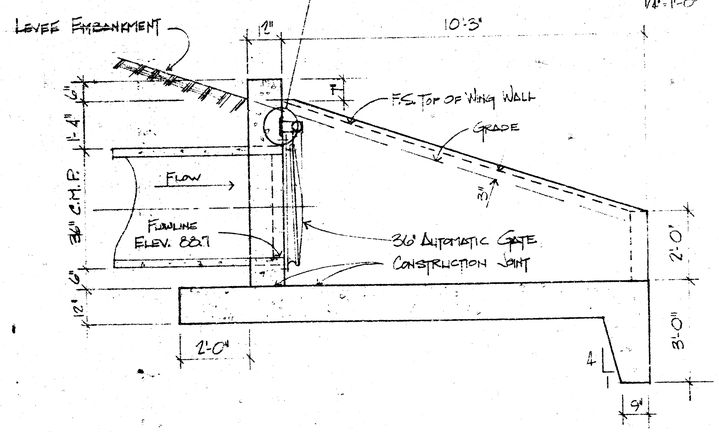




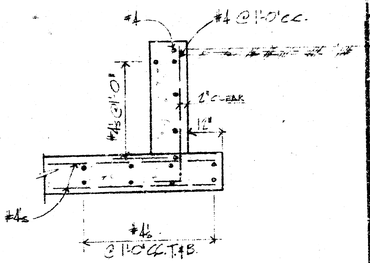
SECTION AT HEADWALL
1/2"=1'-0"



HEADWALL ELEVATION
1/2"=1'-0"



SECTION B-B
1/2"=1'-0"



SECTION C-C
1/2"=1'-0"

NOTES:

CONCRETE: BEVEL ALL EXPOSED EDGES WITH A 3/4" TRIANGULAR MOULDING, OR FINISH WITH AN APPROVED EDGING TOOL.

FLAP GATE: THE FLAP GATE SHALL BE ARMCO MODEL 10-C, OR APPROVED EQUAL. THE FLAP GATE SHALL BE PAINTED WITH ONE COAT ZINC DUST PAINT, FOLLOWED BY TWO COATS OF ALUMINUM PAINT.

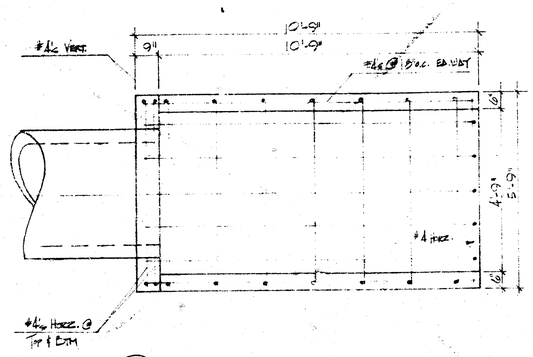
CITY OF WICHITA
APPROVED: Approval does not relieve the contractor from any responsibility for errors, deviations from the contract requirements or for any deficiencies of adjustment, work, or materials.
Date: 6-26-81
Engineering Div.

LAWRENCE E. WELLS
ARCHITECT
254 LAURA, SUITE 205 WICHITA, KANSAS 67211

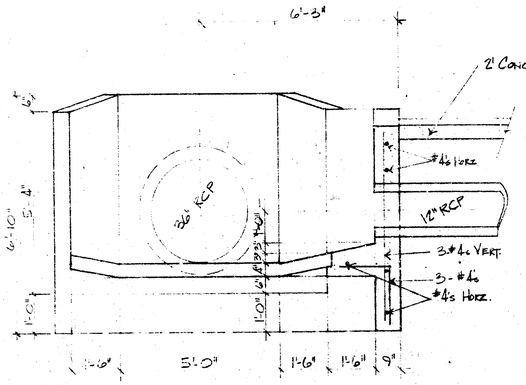
DATE 6-JUNE-81
DRAWN
CHECKED L&W
REVISED 26-JUNE-81

KINKAID PARK APTS.
FOR
KINKAID, INC.
MARION and SOUTH TOPEKA WICHITA, KANSAS
PLAN NO. C-362 PROJECT 545

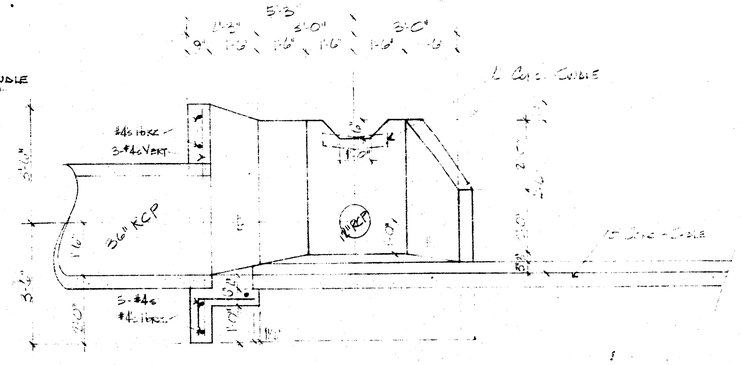
SHEET 1/3 OF



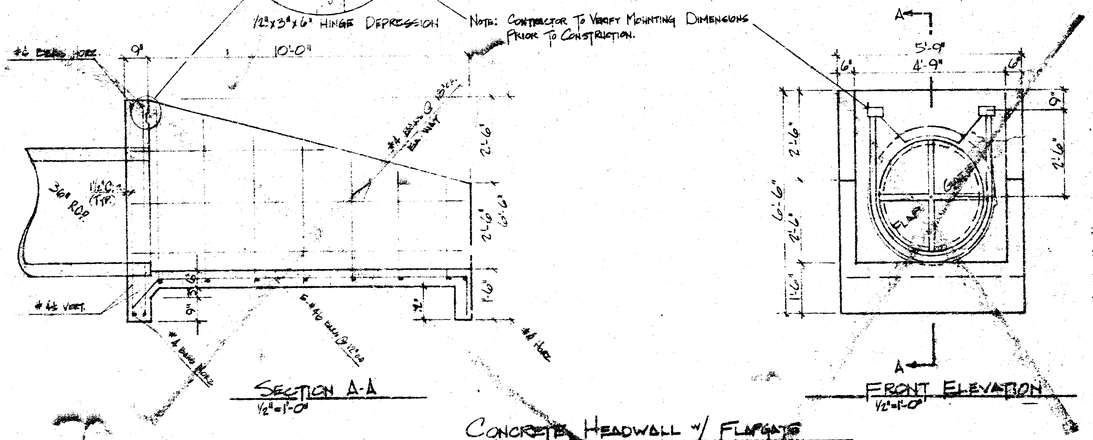
PLAN
1/2"=1'-0"



SECTION C-C
1/2"=1'-0"



SECTION E-E
1/2"=1'-0"



SECTION A-A
1/2"=1'-0"

FRONT ELEVATION
1/2"=1'-0"

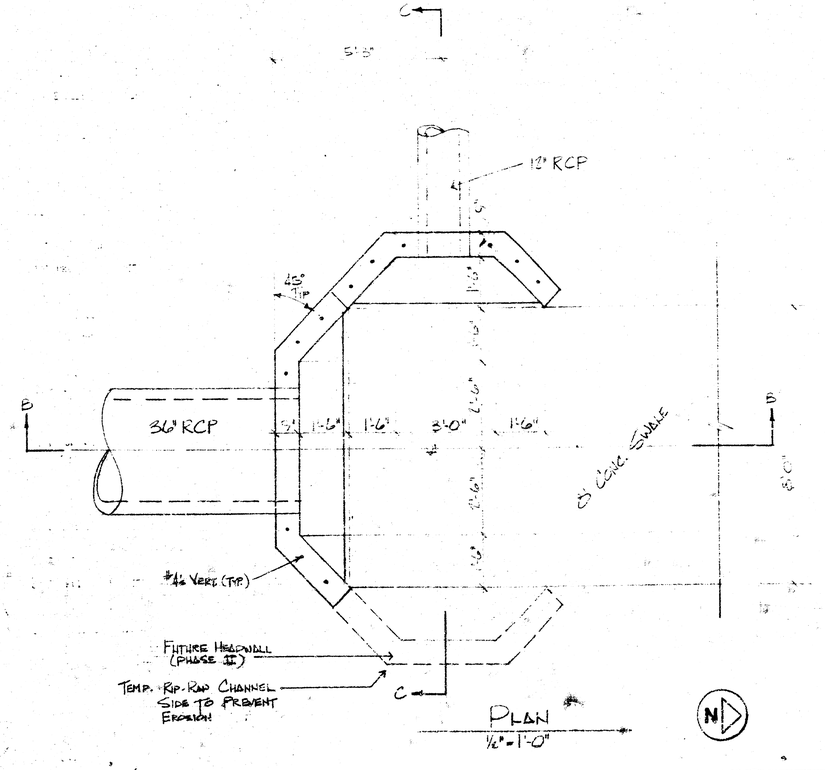
CONCRETE HEADWALL W/ FLAPGATE

OMIT THIS SECTION

NOTES:

CONCRETE: BEVEL ALL EXPOSED EDGES WITH A 3/4" TRIANGULAR MOULDING, OR FINISH WITH AN APPROVED EDGING TOOL.

FLAP GATE: THE FLAP GATE SHALL BE ARMCO MODEL 10-C, OR APPROVED EQUAL. THE FLAP GATE SHALL BE PAINTED WITH ONE COAT ZINC DUST PAINT, FOLLOWED BY TWO COATS OF ALUMINUM PAINT.



PLAN
1/2"=1'-0"

LAWRENCE E. WELLS
ARCHITECT
254 LAURA, SUITE 205 WICHITA, KANSAS 67211

DATE 5 May 81
DRAWN
CHECKED LEW
REVISED

KINKAID PARK APTS.
FOR
KINKAID, INC.
MARION and SOUTH TOPEKA WICHITA, KANSAS
PLAT NO. C-362 PROJECT 545

SHEET 2 OF 2 3

SWS
Line 1

NOTE:
CONSTRUCT TEMPORARY LEVEE PRIOR TO ANY EXCAVATION BETWEEN STA 1+00 TO STA 11+00. THE EXISTING DIKE SHALL BE RECONSTRUCTED PRIOR TO REMOVAL OF THE TEMPORARY LEVEE UPON RECONSTRUCTION OF THE DIKE, THE TEMP. LEVEE SHALL BE REMOVED COMPLETELY AND THE GROUND IS TO BE RESTORED TO AN EQUAL OR BETTER CONDITION THAT EXISTED PRIOR TO CONSTRUCTION.
THE UNDISTURBED MATERIAL SURROUNDING THE OUTFALL STRUCTURE SHOULD BE REPLACED IN 6" LIFTS & COMPACTED TO A DENSITY EQUAL TO OR GREATER THAN THE SURROUNDING AREA.
RESEED ALL DISTURBED AREAS.

ARKANSAS RIVER

10' KIP RAP - SEE DTL. SHT 1
CONCRETE HEADWALL W/ FLAPGATE SEE SHT 2
80'-0"
TOP OF TEMP LEVEE 96.6
TOP OF TEMP DIKE 96.6
ARKANSAS RIVER
NORMAL WATER SURFACE ELEV 1200 M.S.L.
ELEV. 1200.0 M.S.L.
OUTFALL ELEV. 92.31
COMPUTED FLOW
30'-0" R.C.P.
10' RIPRAP ON PROJECT SIDES - SEE DETAIL
CONCRETE RIP RAP ON BOTTOM TO WATERS EDGE
ELEV. 95.74 TOP OF HEADWALL 94.40
ELEV. 95.75
ELEV. 91.42 TOP OF DIKE ELEV. 97.42
ELEV. 95.95
ELEV. 95.12 PROPOSED FINISH GRADE ON TOP OF HEADWALL
16' 18" RCP
CONCRETE HEADWALLS SEE SHT 2
8' CONCRETE SWALE
PHASE I
PHASE II
FUTURE HEADWALL PHASE TWO
NOTE: TEMP. RIP RAP CHANNEL SIDE REVISED TO PREVENT EROSION UNTIL HEADWALL INSTALLATION
IRON: S.E. CORNER KINKAID PARK PHASE I
N
CITY OF WICHITA DATUM
0.00 = 1187.42 M.S.L.
B.M. IRON @ S.W. CORNER OF LOT 1, KINKAID PARK 5TH ADDN. ELEV. 95.12

PLATE 1 - PLAN - PROFILE - F.A.R.
CLEARPRINT PAPER CO., S. F. CAL.
NO. 1000H-1

DATE 5 MAY 81
DRAWN
CHECKED LEW
REVISED

LAWRENCE E. WELLS
ARCHITECT
254 LAURA, SUITE 205 WICHITA, KANSAS 67211

KINKAID PARK APTS.
5TH
KINKAID, INC. WICHITA, KANSAS
MARION and SOUTH TOPEKA
PLAN NO. C-362 PROJECT 545

SHEET 3 3/3 OF 3