LAWRENCE E. WELLS

ARCHITECT

254 LAURA, SUITE 205 WICHITA, KANSAS 67211

DATE 15 April 80

DRAWN

CHECKED

REVISED

PRELIMINARY GRADING PLAN

PROJECT

PLAN NO.

SHEET OF

POND A

POND B

POND C

POND D

TYP. PAD 1284

PAD 1284

PAD 1285

TYP. PAD 1285

2654.61'

2637.49'

Drainage easement

NORTH

SCALE 1" = 100'

Drainage Concept Plan

4/28/80

Is 150' maintenance and access easement provided along all ~~four~~ channels on both sides?

How will this work without the drainage easements?

Design of this structure? Backwater curve?

Is dedication or Easement available here?

4-14-80 #100
COTTONWOOD GROVE
CATVILLE TRIBUTARY

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TEMPLATE		
NO	AREAS CHECKED		

STORAGE (ACRE-FEET)

PEAK 1218.66
@ 113 CFS

15" Weir

WEST STREET
ELEV 1220.7
BOX DRAIN

ELEVATION

TIME (MIN.)

T = 72.6 MIN.

STORAGE CURVE

COMPOSITE INFLOW HYDROGRAPH

OUTFLOW HYDROGRAPH

PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL.

Drainage Concept Plan
for 4/28/80

FINAL SURVEY — SURVEYED / PLOTTED / TEMPLATE / AREAS CHECKED — BY — DATE
NOTE BOOK — NO.

EL 1281.2 ℄ CROWN OF WEST STREET
EL 1280.6
2-8'x3'x31' RCBC
BOTTOM POND D
WEIR EL=1276.5
DEPTH
EXISTING GRADE
T.O. Dam?
℄ 47th STREET
EXISTING GRADE
3-4'x3'x38' RCBC

1280
1279
1278
1277
1276
1275
1274
1273

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26
25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10

ORIGINAL SURVEY — SURVEYED / PLOTTED / TEMPLATE / AREAS CHECKED — BY — DATE
NOTE BOOK — NO.

PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL. NO. 1100-3

Drainage Concept Plan
4/28/80

4-13-60 #490

COTTONWOOD GROVE

DULING - KOLAR TRIBUTARY

COMBINED ELEVATION	STORAGE VOLUME	POND A	POND B	POND C	TOTAL
	1278.5	—	—	—	—
	1279.0	—	—	1.	1.0
	1279.5	1.5	.5	2.11	5.11
	1280.0	5.31	.94	3.06	9.51
	1280.65	10.72	1.61	4.80	17.13

STORAGE CURVE

COMPOSITE INFLOW HYDROGRAPH

OUTFLOW HYDROGRAPH

POOL @ 1280.65 ft
@ 46.3 cfs

5' WEIR

ACRE-FEET

CFS

ELEVATION

TIME (MIN.)

T = 12.6 sec

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — NOTE BOOK, NO. — BY — DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED — NOTE BOOK, NO. — BY — DATE

PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F., CAL. NO. 1100 H 3

Drainage Concept Plan
4/28/60

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

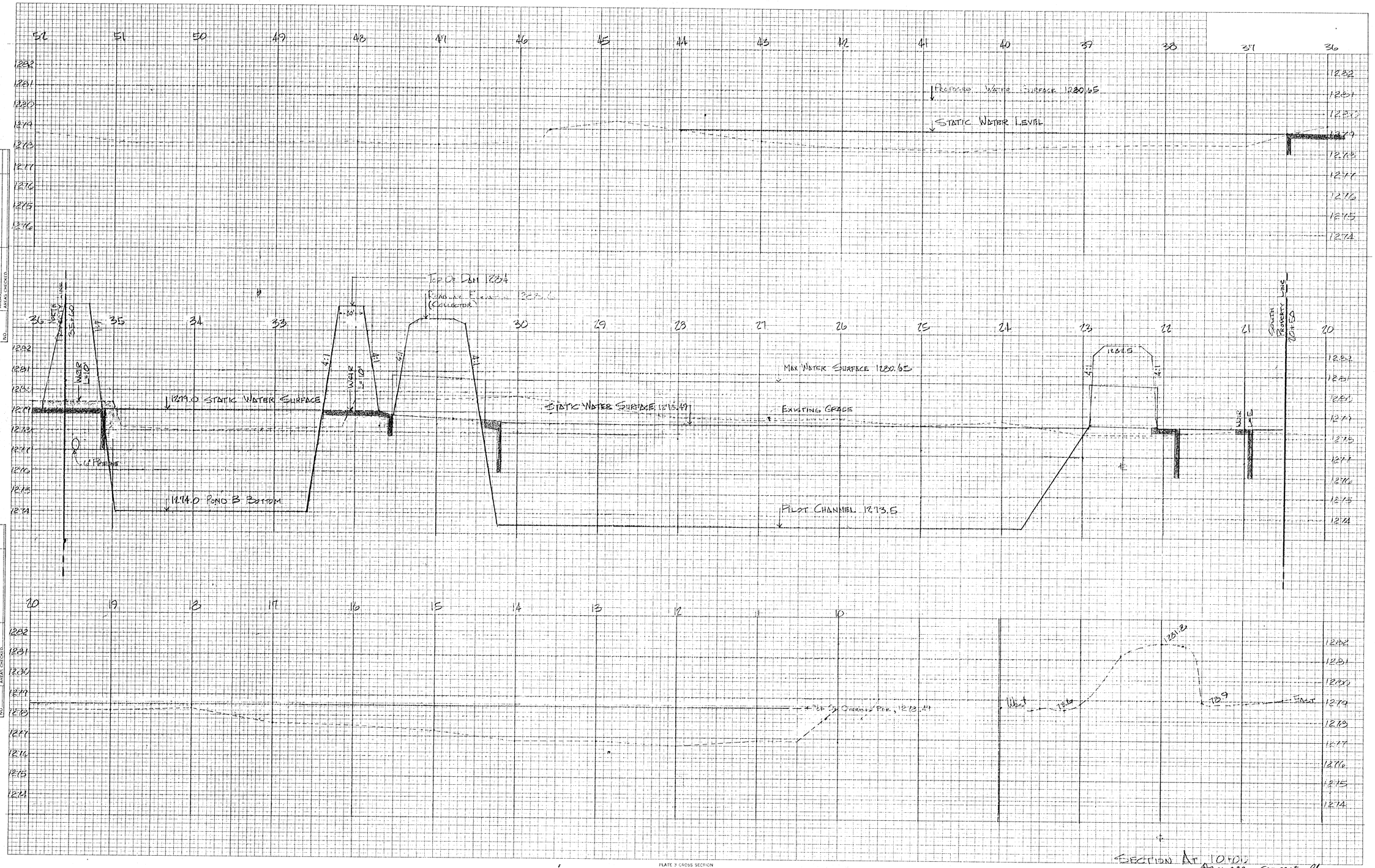

PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL. NO. 1300H

Drainage Concept Plan
4/28/80

POND A

POND B

POND C

POND D

2654.61'

2657.49

2322.55'

EXISTING SCS 2-01-24-21

Drainage Concept Plan
4/28/10

NORTH
SCALE 1" = 100'

POND D
TYPICAL SECTION

POND D
TYPICAL SECTION A-A

TYPICAL SECTION B-B

POND C
SECTION E-E

POND C
SECTION D-D

CHANNEL C 19+00

POND D
WEIR @ 31+10

WEIR @ 21+00

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DATE 15 APR 10
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PLAN AND SECTIONS

PROJECT 49-0

PLANNING

SHEET OF