PAVING & INCIDENTAL DRAINAGE FOR

THE COURTS II

PHASE II

BEACON HILL COURT: FROM THE NORTH LINE OF BEACON HILL TO AND INCLUDING THE CUL-DE-SAC ,

SERVING LOTS 23 THROUGH 42 INCLUSIVE, BLOCK 2

PROJECT NO. 472-81823

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

INDEX NO. 760900

GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

3. TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).

4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

5. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

   KANSAS ONE-CALL 1-800-344-7233
   OR 687-2470 (LOCAL WICHITA)

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-571-2115
CABLEVISION	262-4270 OR 263-2061
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4908
ARKLA GAS COMPANY	942-8350 OR 263-8161

6. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

7. THIS PROJECT INCLUDES A CERTAIN AMOUNT OF ROLL TYPE CURB CONSTRUCTION. ROLL CURBS SHALL BE DEPRESSED THROUGH ALL DRIVEWAY OPENINGS WHEN SUCH DRIVES ARE CONSTRUCTED AS A PART OF THE PROJECT. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH OR EQUIVALENT COMBINATIONS THEREOF ARE TO BE CONSTRUCTED WITH THIS PROJECT.

8. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAW JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF SURFACE OR PAVEMENT.

9. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS. INLET DEPRESSIONS NEED TO BE TIED TO CURB, GUTTER, AND PAVING.

BENCH MARKS

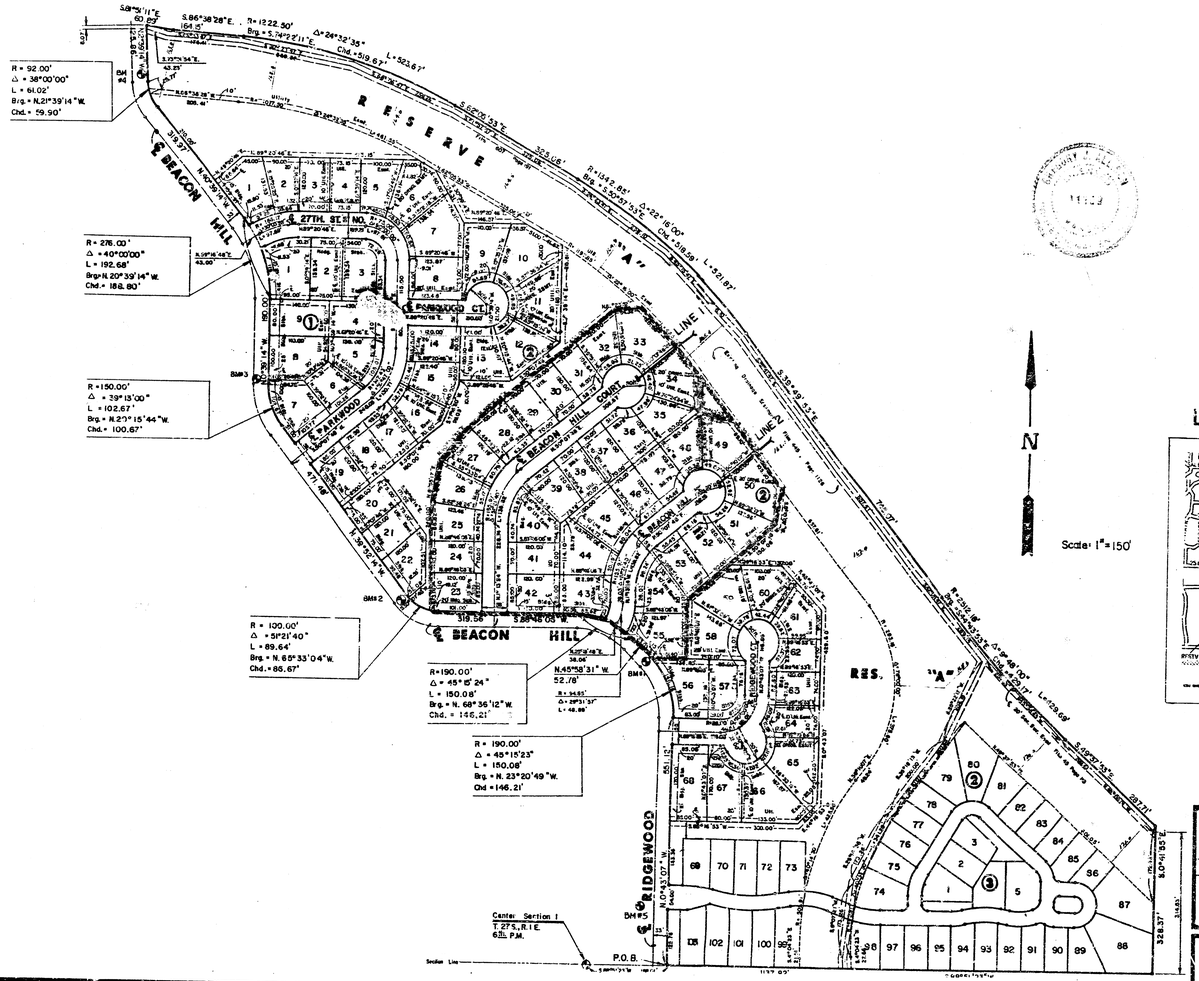
B.M. 1 "□" Cut On East Curb Of Beacon Hill At The Northwest Corner Of Lot 56-2 Elev. = 174.06

B.M. 2 "□" Cut On East Curb Of Beacon Hill At The Southwest Corner Of Lot 22-2 Elev. = 172.91

B.M. 3 "□" Cut On East Curb Of Beacon Hill At The Southwest Corner Of Lot 8-1 Elev. = 165.38

B.M. 4 "□" Cut Southeast Corner Of RCB On Beacon Hill Road And Reserve "A" Elev. = 162.93

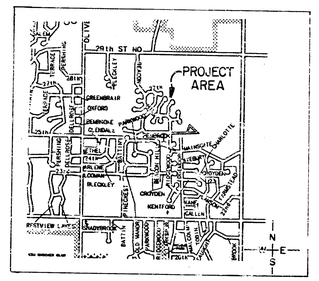
B.M. 5 "□" Cut On Top Curb At The West End Of Southwest Return Pembrook And Ridgewood Elev. = 175.28



INDEX TO DRAWINGS

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4	BEACON HILL COURT (SOUTH)
5 - 6	BEACON HILL COURT (NORTH)
7	INCIDENTAL DRAINAGE PLANS - LINE 1 & 2
8	CURB INLET DETAILS
9 - 15	PAVING CROSS-SECTIONS
16 - 18	THE COURTS II FINAL PLAT

LOCATION MAP



Stm Swr Booked 2/91 MCG

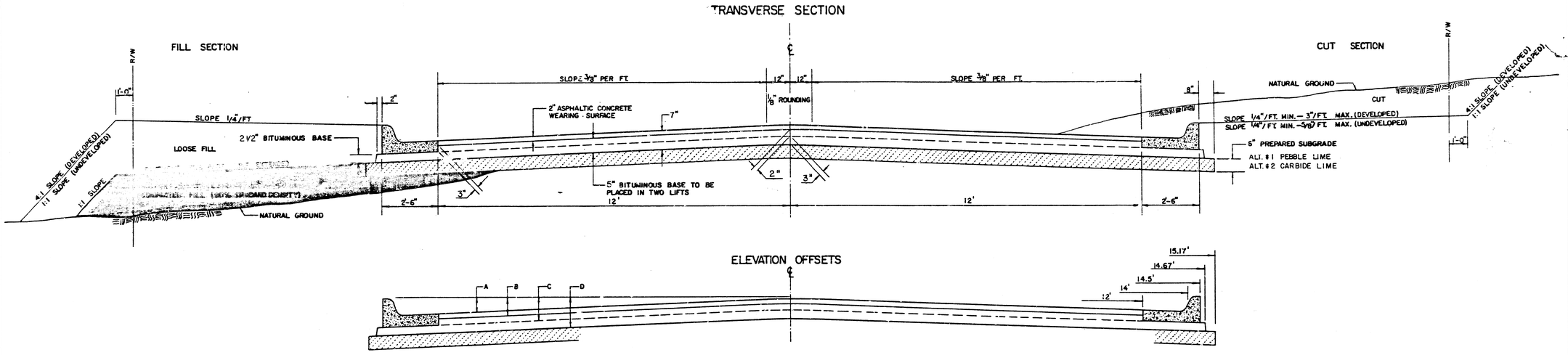
THE COURTS II	Design GJA
PAVING & INCIDENTAL DRAINAGE PHASE II	Drawn by
	Checked by
	Date MAY 1991
	Job no

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226 636-5566

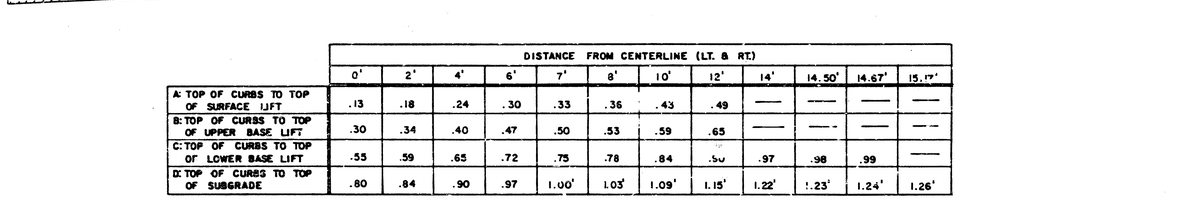
Sheet 1 of 18

TYPICAL 29' PAVEMENT DETAILS

TRANSVERSE SECTION

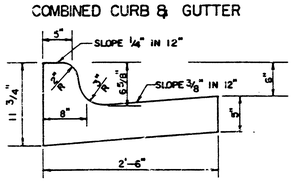


ELEVATION OFFSETS

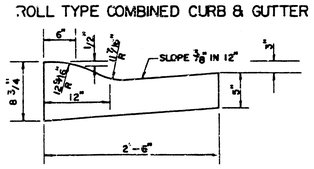


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.50'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	.13	.18	.24	.30	.33	.36	.43	.49	——	——	——	——
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.30	.34	.40	.47	.50	.53	.59	.65	——	——	——	——
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.55	.59	.65	.72	.75	.78	.84	.90	.97	.98	.99	——
D: TOP OF CURBS TO TOP OF SUBGRADE	.80	.84	.90	.97	1.00'	1.03'	1.09'	1.15'	1.22'	1.23'	1.24'	1.26'

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2V2" BITUMINOUS BASE.

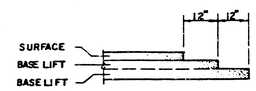
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



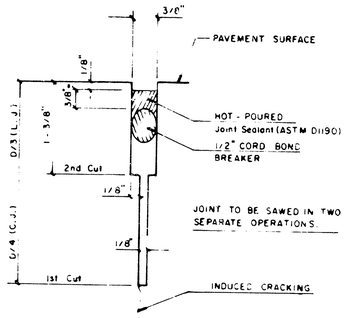
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2/18

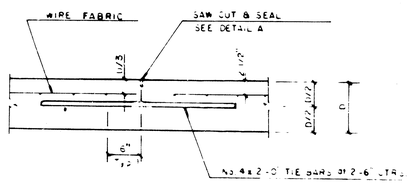
7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE

CITY OF WICHITA, KANSAS

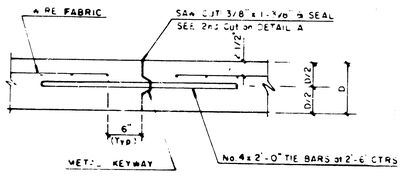
PROJECT NUMBER



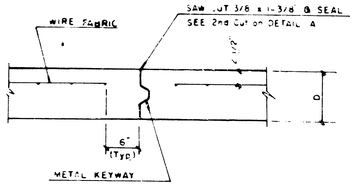
DETAIL A



LONGITUDINAL JOINT DETAIL (L.J.)

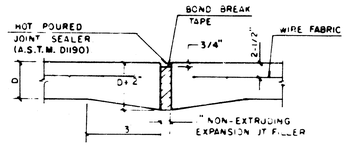


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)
(Alternate L.J.)



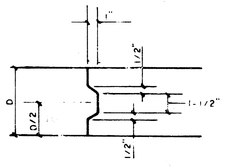
OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)
(Alternate C.J.)

NOTE: ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER

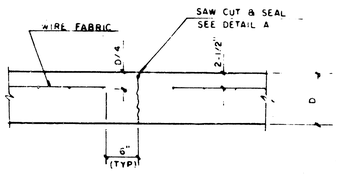


EXPANSION JOINT

NOTE EXTRA THICKNESS TO BE SUBSIDIARY TO PRICE OF SQ YDS PAVEMENT



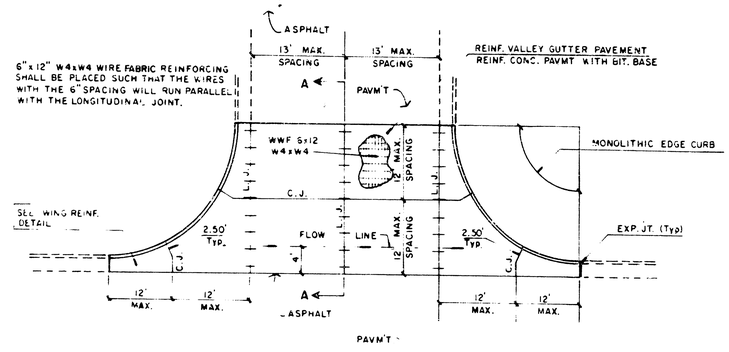
KEYWAY DETAIL



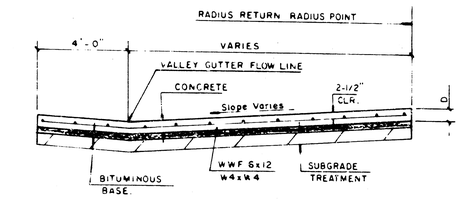
CONTRACTION JOINT DETAIL (C.J.)

LEGEND

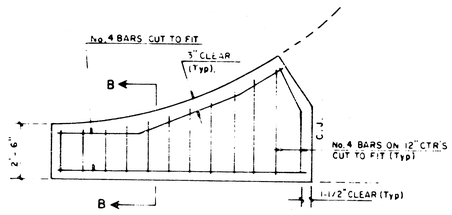
C.J. IDENTIFIES CONTRACTION JOINT
L.J. IDENTIFIES LONGITUDINAL JOINT



PLAN
REINFORCED VALLEY GUTTER

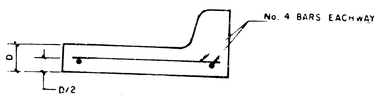


SECTION A-A



WING REINFORCING DETAIL

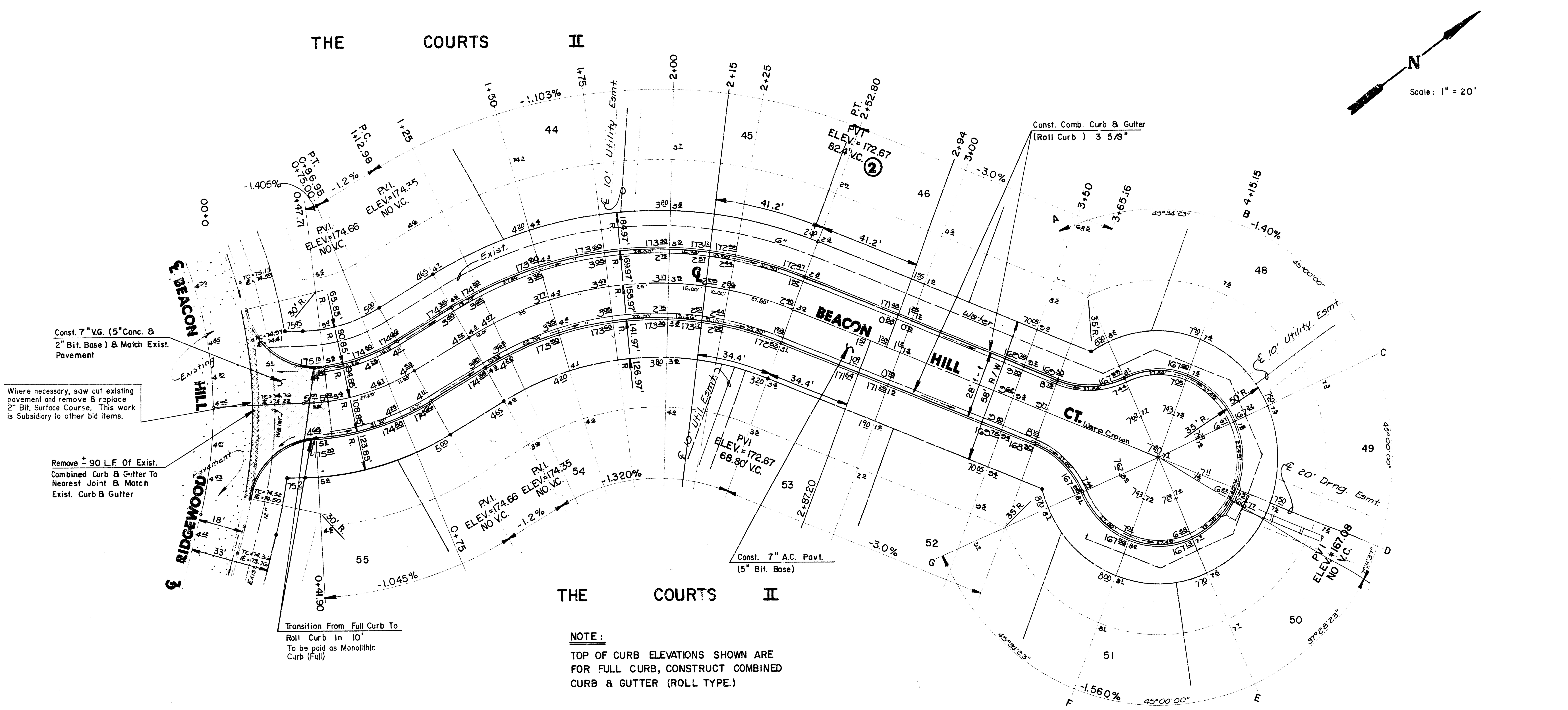
NOTE: OMIT WIRE FABRIC REINFORCING IN THIS SECTION.



SECTION B-B

PROJECT DESCRIPTION
VALLEY GUTTER DETAILS
PROJECT NUMBER

3/15



NOTE:

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE.)

△= 51°21'40" R = 155.97' T = 75.00' L = 139.82' LC = 135.18'

CURVE DATA BASED ON CENTERLINE /2 = 25°40'50"

STATION	ARC	CHORD LENGTH 8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
1+12.98	-	-	-	00°00'00"	00°00'00"
1+25.00	12.02'	13.71'	10.32'	02°12'28"	02°12'28"
1+50.00	25.00'	28.50'	21.45'	04°35'30"	06°47'58"
1+75.00	25.00'	28.50'	21.45'	04°35'30"	11°23'29"
2+00.00	25.00'	28.50'	21.45'	04°35'30"	15°58'59"
2+15.00	15.00'	17.12'	12.88'	02°45'18"	18°44'17"
2+25.00	10.00'	11.41'	8.59'	01°50'12"	20°34'29"
2+50.00	25.00'	28.50'	21.45'	04°35'30"	25°10'00"
2+52.80	2.80'	3.19'	2.40'	00°30'50"	25°40'50"

Def/Ft =11.02025 Min.

△= 27°12'48" R = 94.85' T = 22.96' L = 45.05' LC = 44.63'

CURVE DATA BASED ON CENTERLINE /2 = 13°36'24"

STATION	ARC	CHORD LENGTH 8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
0+41.90	-	-	-	00°00'00"	00°00'00"
0+47.71	5.81'	4.46'	7.16'	01°45'17"	01°45'17"
0+75.00	27.29'	20.89'	33.50'	08°14'33"	09°59'50"
0+86.95	11.95'	9.17'	14.71'	03°36'34"	13°36'24"

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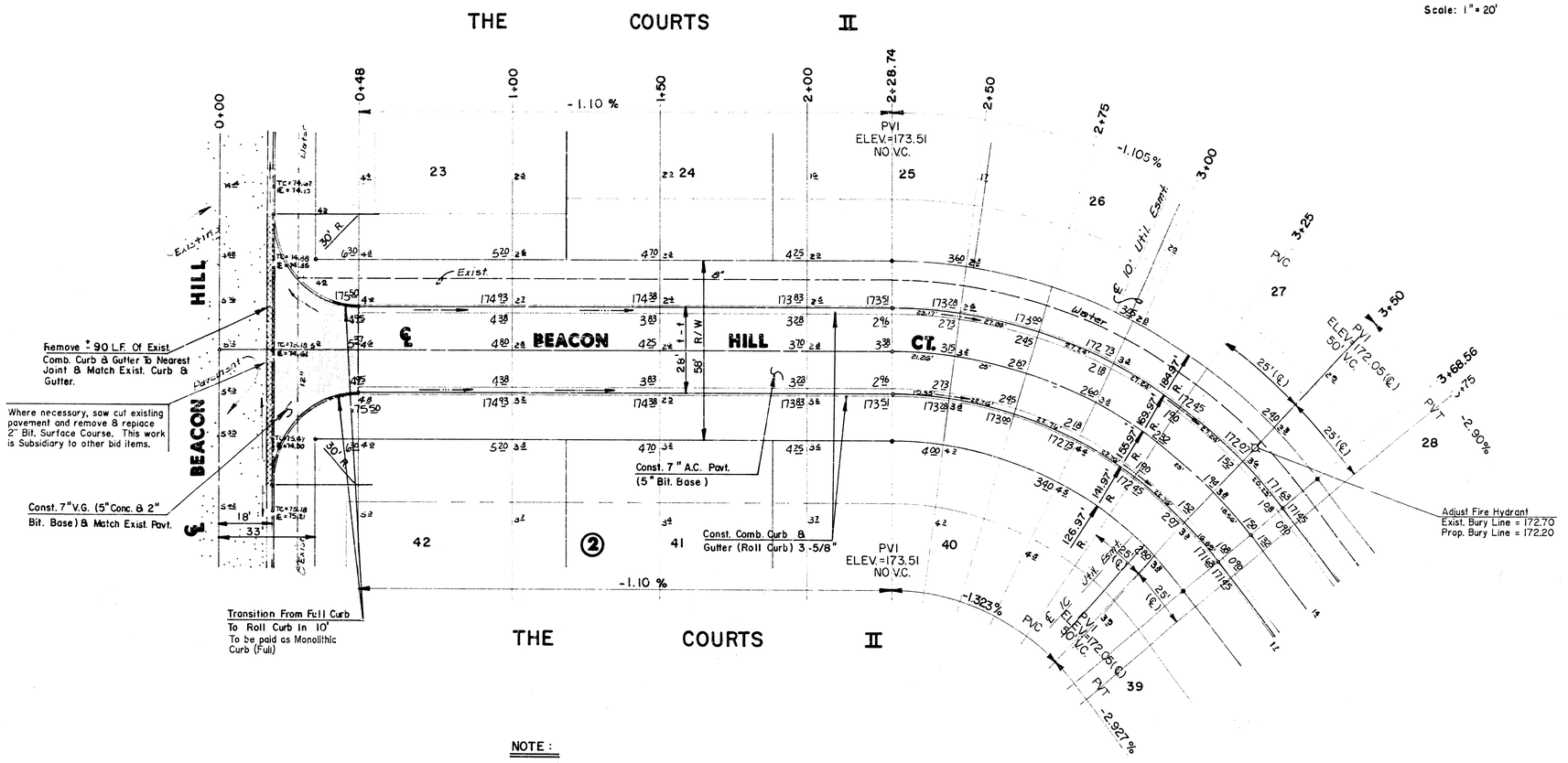
CITY OF WICHITA

BEACON HILL COURT

PROJECT NO.
472-76-245-81823-000-000-001

Design: GJA
Drawn by: DLM
Checked by:
Date: MAY 1991
Job No.:

MID-KANSAS ENGINEERING CONSULTANTS P.A.
3500 NORTH ROCK ROAD
BUILDING # 800
WICHITA, KANSAS 67226
636-5566



NOTE :

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE.)

△= 51°21'40" R = 155.97' T = 75.00' L = 139.82' LC = 135.18'

CURVE DATA BASED ON CENTERLINE /2 = 25°40'50"

	CHORD LENGTH				
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
2+28.74	-	-	-	00°00'00"	00°00'00"
2+50.00	21.26'	24.24'	18.25'	03°54'17"	03°54'17"
2+75.00	25.00'	28.50'	21.45'	04°35'30"	08°29'48"
2+81.44	6.44'	7.35'	5.53'	01°10'58"	09°40'46"
3+00.00	18.56'	21.17'	15.93'	03°24'32"	13°05'18"
3+25.00	25.00'	28.50'	21.45'	04°35'30"	17°40'48"
3+50.00	25.00'	28.50'	21.45'	04°35'30"	22°16'18"
3+68.56	18.56'	21.16'	15.93'	03°24'31"	25°40'50"

Def/Ft. =11.62025 Min.

CITY OF WICHITA

BEACON HILL COURT

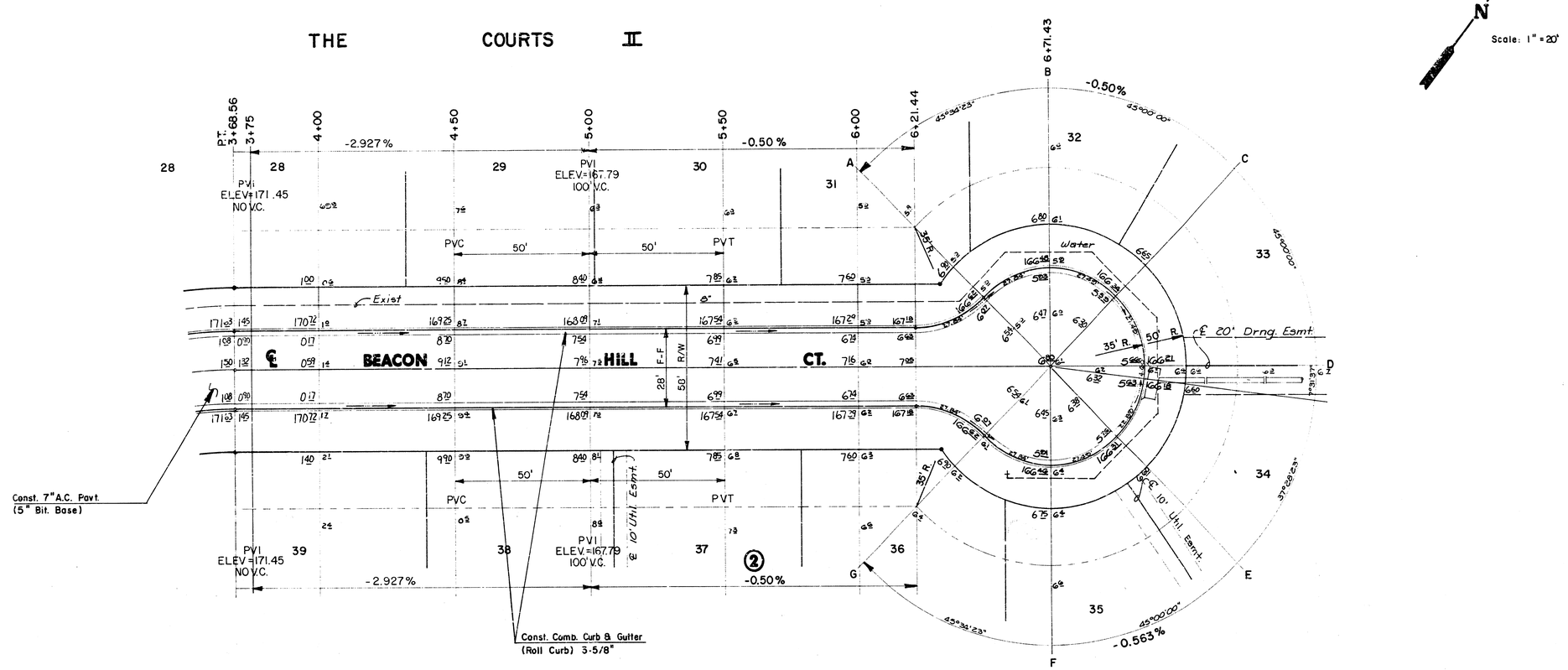
PROJECT NO.
472-76-245-81823-000-000-001

GJA

DLM

MAY 1991

5
18



NOTE:

TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, C' STRUCT COMBINED CURB & GUTTER (ROLL TYPE.)

CITY OF WICHITA

BEACON HILL COURT

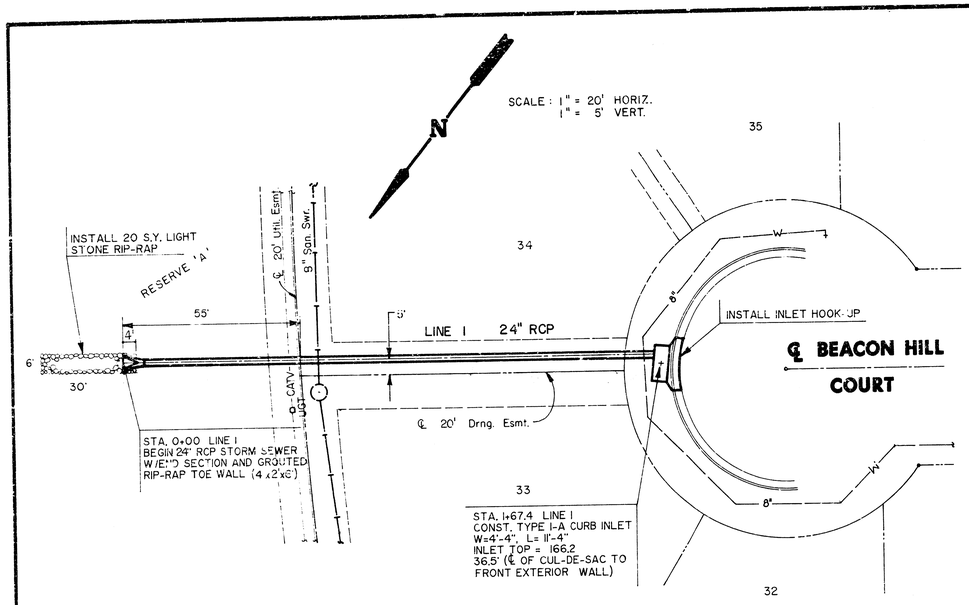
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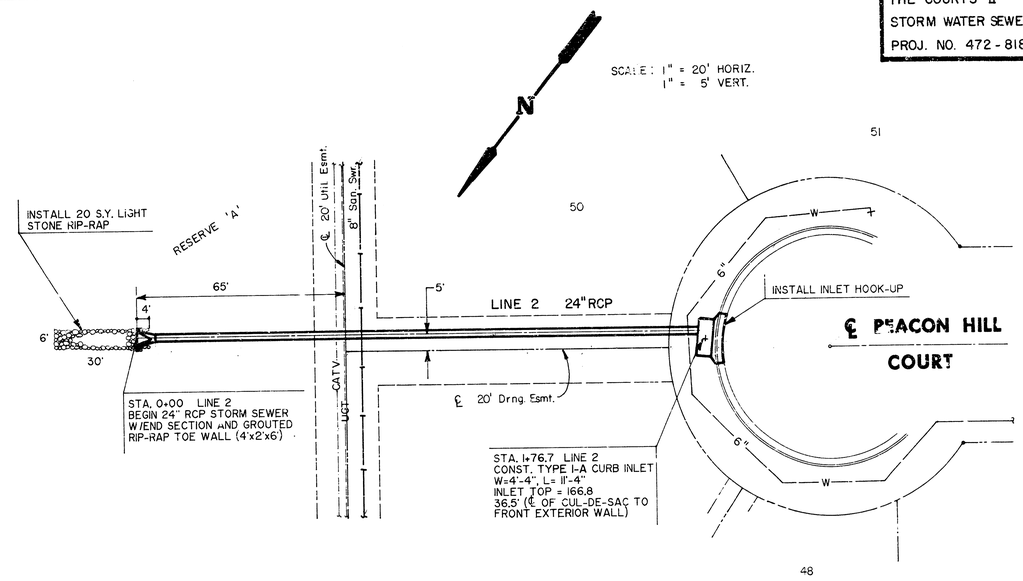
Des. by: GJA
Drawn by: DLM
Checked by:
Date: MAY 1991
Job No.:

MID-KANSAS ENGINEERING CONSULTANTS P.A.
3500 NORTH ROCK ROAD
BUILDING # 900
WICHITA, KANSAS 67226
636-5566

Sheet 6 of 18

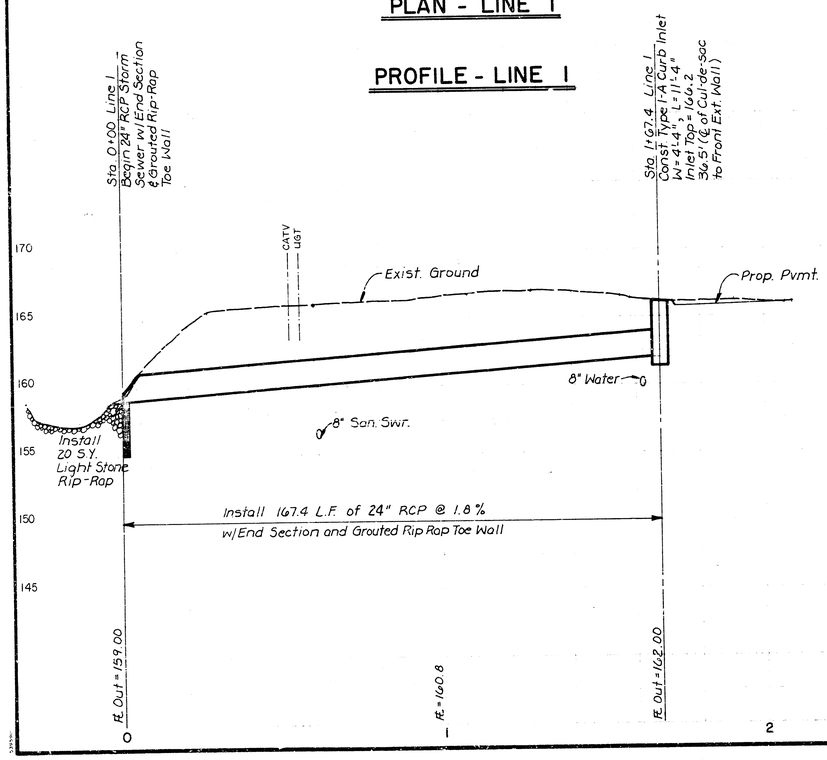
THE COURTS II
STORM WATER SEWER PLANS
PROJ. NO. 472-81823





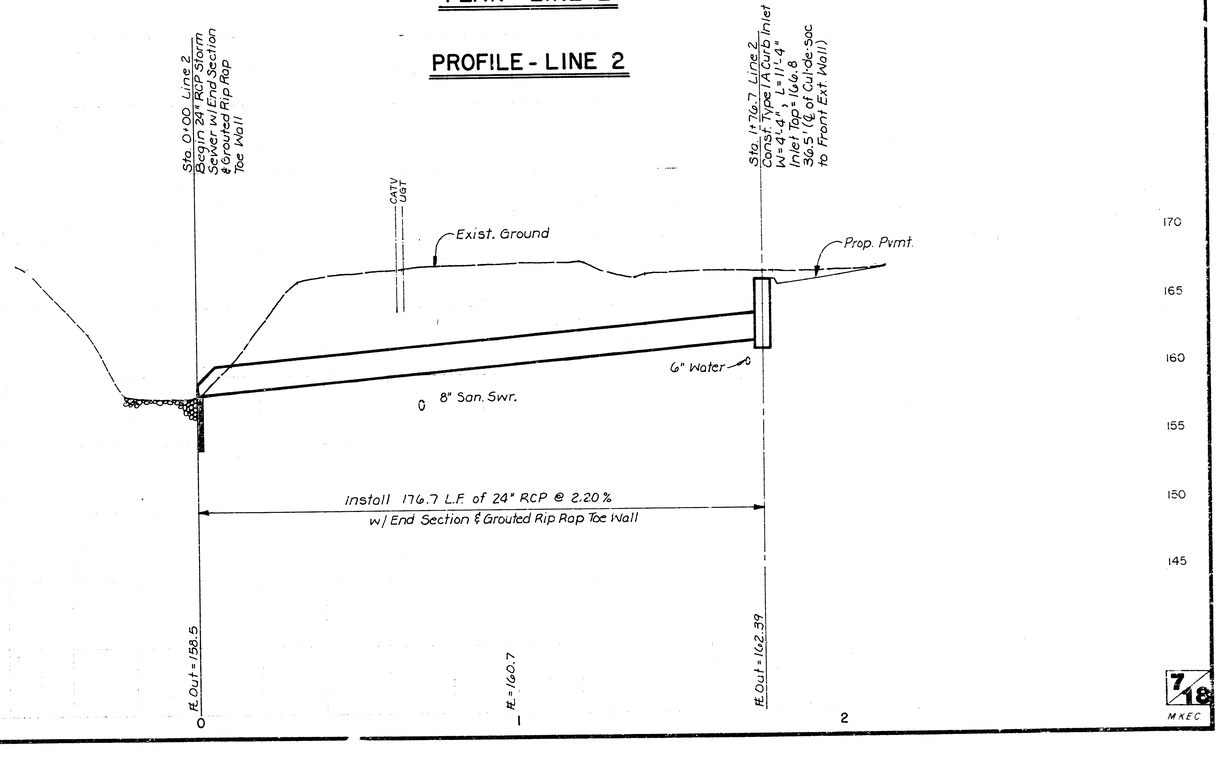
PLAN - LINE 1

PROFILE - LINE 1

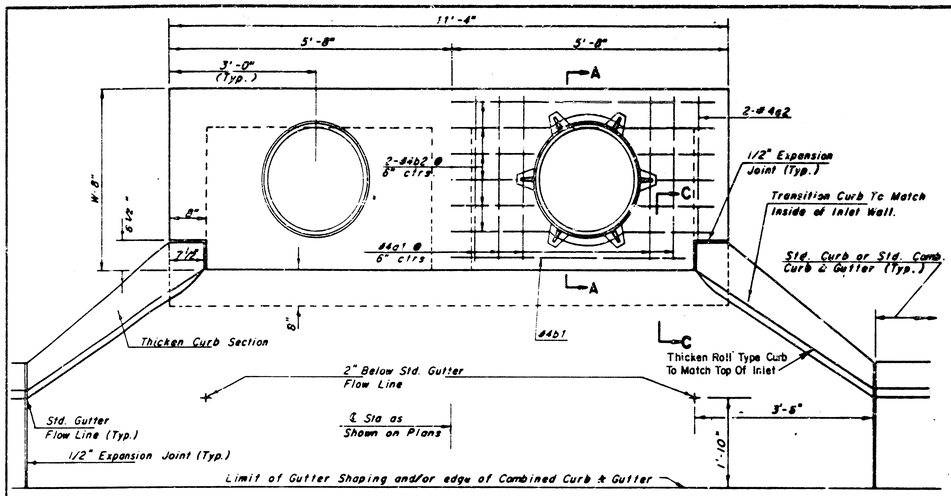


PLAN - LINE 2

PROFILE - LINE 2

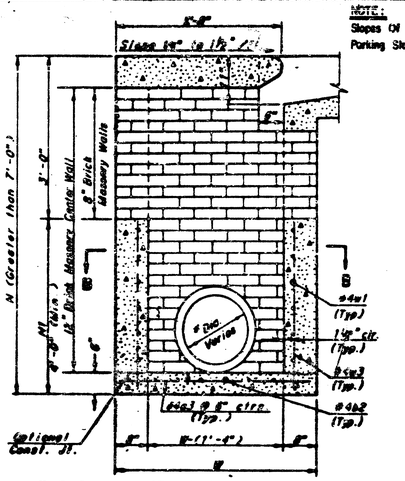


MKEC



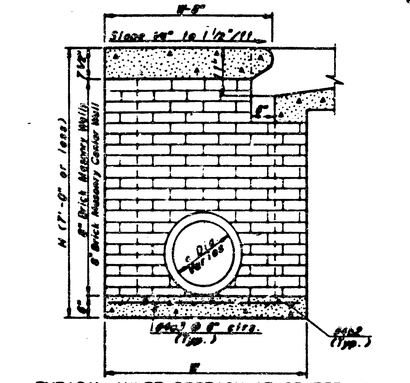
SLAB REINFORCING NOT SHOWN — PLAN — SHOWING SLAB REINFORCING

NOTE Expansion Joint only in Curb Area with Conc. Pavement.



TYPICAL INLET SECTION AT CENTER WALL
(REINFORCED CONCRETE WALLS)

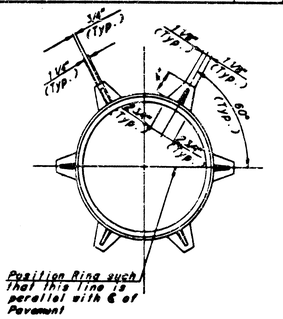
NOTE:
Slopes Of Inlet Tops To Match Sidewalk Or Parking Slopes Within Limits Indicated.

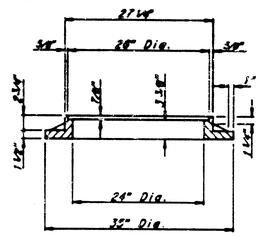


TYPICAL INLET SECTION AT CENTER WALL
(MASONRY WALLS)

* A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II Below.

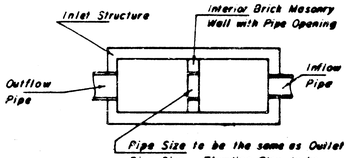
PROJECT NO.	SHEET NO.	TOTAL SHEETS





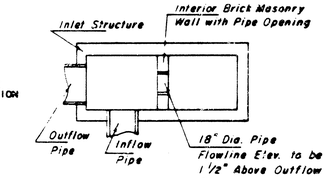
CAST IRON INLET RING
Wt.-180 lbs.

See City of Wichita Standard Manhole Frame and Cover Detail Sheet for Cover Details to be used with Inlet Frame.



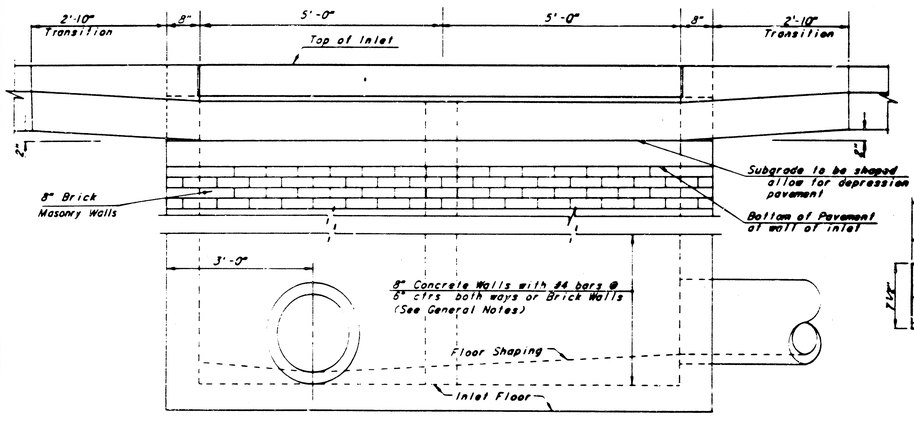
Pipe Size to be the same as Outlet Pipe Size. Flowline Elev. to be Average of Lowest Inflow Pipe Elev. and Outflow Pipe Elev.

CASE I

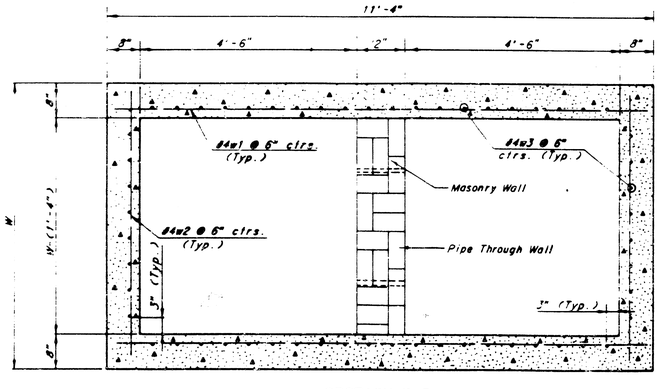


CASE II

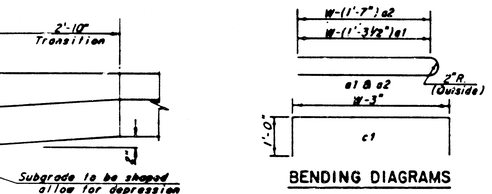
NOTE Center Wall Pipe Size shall be as Specified in Inlet Construction Note on the Plan/Profile Sheets for those Cases not shown here.



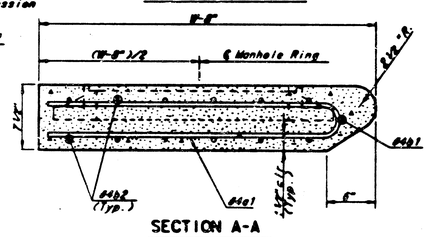
ELEVATION



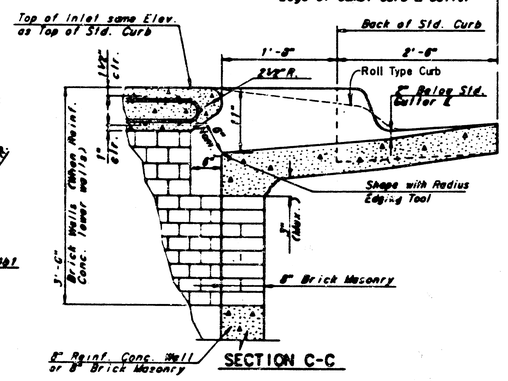
SECTION B-B



BENDING DIAGRAMS



SECTION A-A



SECTION C-C

SLAB AND FLOOR REINFORCING

		W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	6'-7 1/4"	13	8'-7 1/4"	13	10'-7 1/4"	13	12'-7 1/4"	13	14'-7 1/4"
a2	#4	2	6'-0"	2	8'-0"	2	10'-0"	2	12'-0"	2	14'-0"
a3	#4	20	4'-1"	20	5'-1"	20	6'-1"	20	7'-1"	20	8'-1"
b1	#4	1	9'-8"	1	9'-8"	1	9'-8"	1	9'-8"	1	9'-8"
ab2	#4	18	11'-1"	24	11'-1"	30	11'-1"	36	11'-1"	42	11'-1"

WALL REINFORCING

		W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
c1	#6	4	6'-1"	4	7'-1"	4	8'-1"	4	9'-1"	4	10'-1"
w1	#4	①	11'-1"	①	11'-1"	①	11'-1"	①	11'-1"	①	11'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"
w3	#4	②	③	②	③	②	③	②	③	②	③

* Field bend or cut Reinforcing as required for clearance

① 4(H1-6")÷4 (H1-6") Rounded down to nearest 0.5'

② 40+4(W - 16") ③ H1+(9")

GENERAL NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W=6'-4" OR LESS AND H=7'-0" OR LESS. WHEN W IS GREATER THAN 6'-4" AND H IS LESS THAN 7'-0". THE OUTSIDE INLET WALLS BELOW THE BRICK STACK SHALL BE REINFORCED CONCRETE CONSTRUCTION AND THE CENTER WALL SHALL BE OF MASONRY CONSTRUCTION AS SHOWN FOR THE MASONRY WALL OPTION.
2. INLET INVERT SHALL BE SHAPED WITH A SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
3. CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.
4. INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB. BARS IN INLET TOP TO BE FIELD BENT OR CUT TO CLEAR MANHOLE RING.
5. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	SIDE OR INTERIOR WALL PIPE SIZE	CU. YD. CONC.
4'-4"	5'-8" x 11'-4" x 7 1/2"	21" & SMALLER	0.83 ±
5'-4"	6'-8" x 11'-4" x 7 1/2"	24" & 30"	1.09 ±
6'-4"	5'-8" x 11'-4" x 7 1/2"	36" & 42"	1.35 ±
7'-4"	6'-8" x 11'-4" x 7 1/2"	48" & 54"	1.61 ±
8'-4"	7'-8" x 11'-4" x 7 1/2"	60" & 66"	1.87 ±

REVISED 12-5-88 ~~REVISED 12-21-84~~

STANDARD TYPE 1A CURB INLET

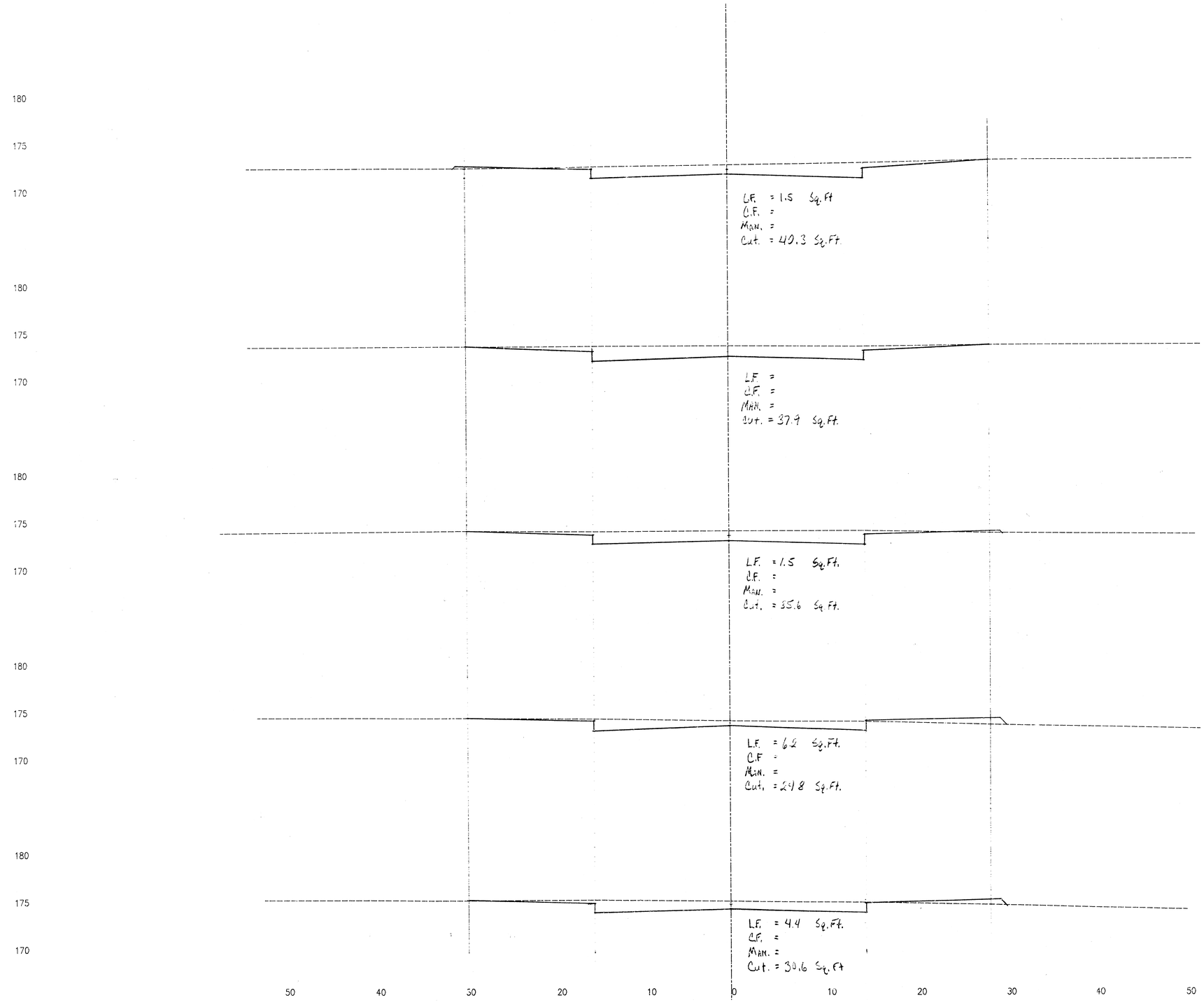
INLET OPENING = 8" x 10'-0"

WICHITA, KANSAS

8/18

Designed by	BER, KJS, MRC	Checked by	MRC
Drawn by	JCP	Date	Nov., 1984
		Job No.	

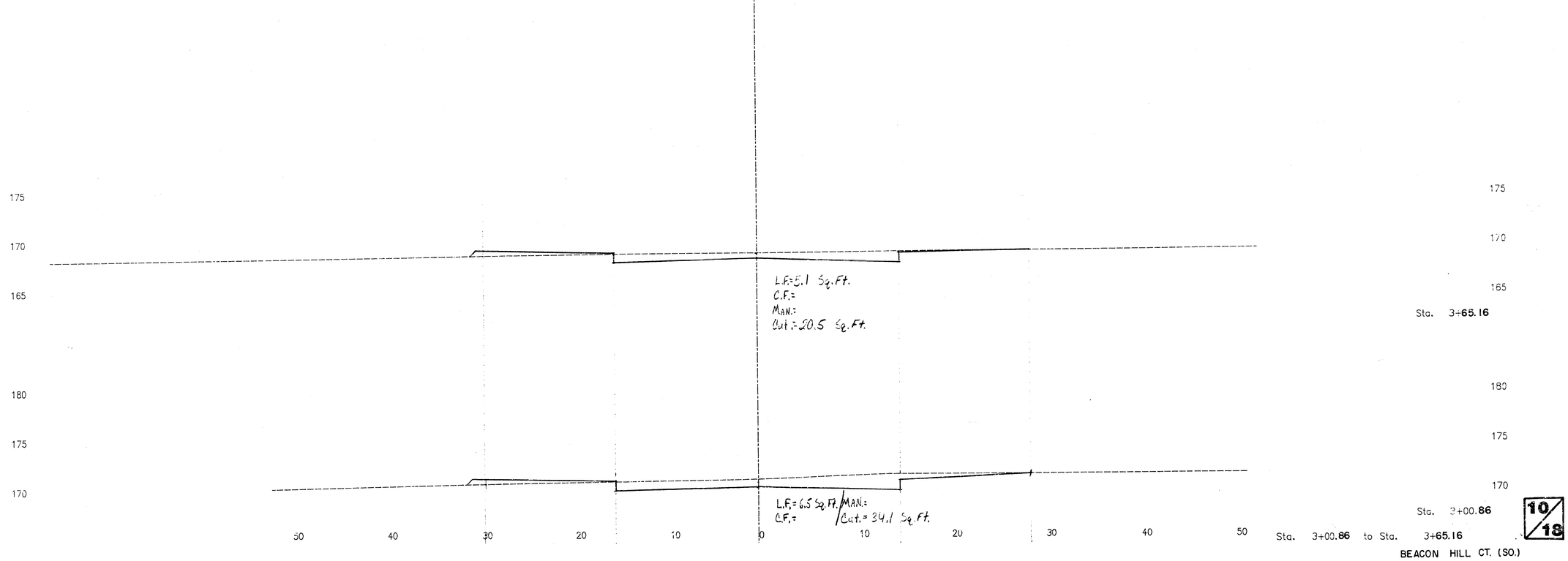
THE COURTS II
PAVING CROSS SECTIONS
PROJ. NO.47276-245-81823 -000 000001



Sta. 0+47.71 to Sta. 2+52.80

BEACON HILL COURT (SOUTH)

THE COURTS II
PAVING CROSS SECTIONS
PROJ. NO.472-76-245-81823 -000-000-001



Sta. 3+00.86 to Sta. 3+65.16

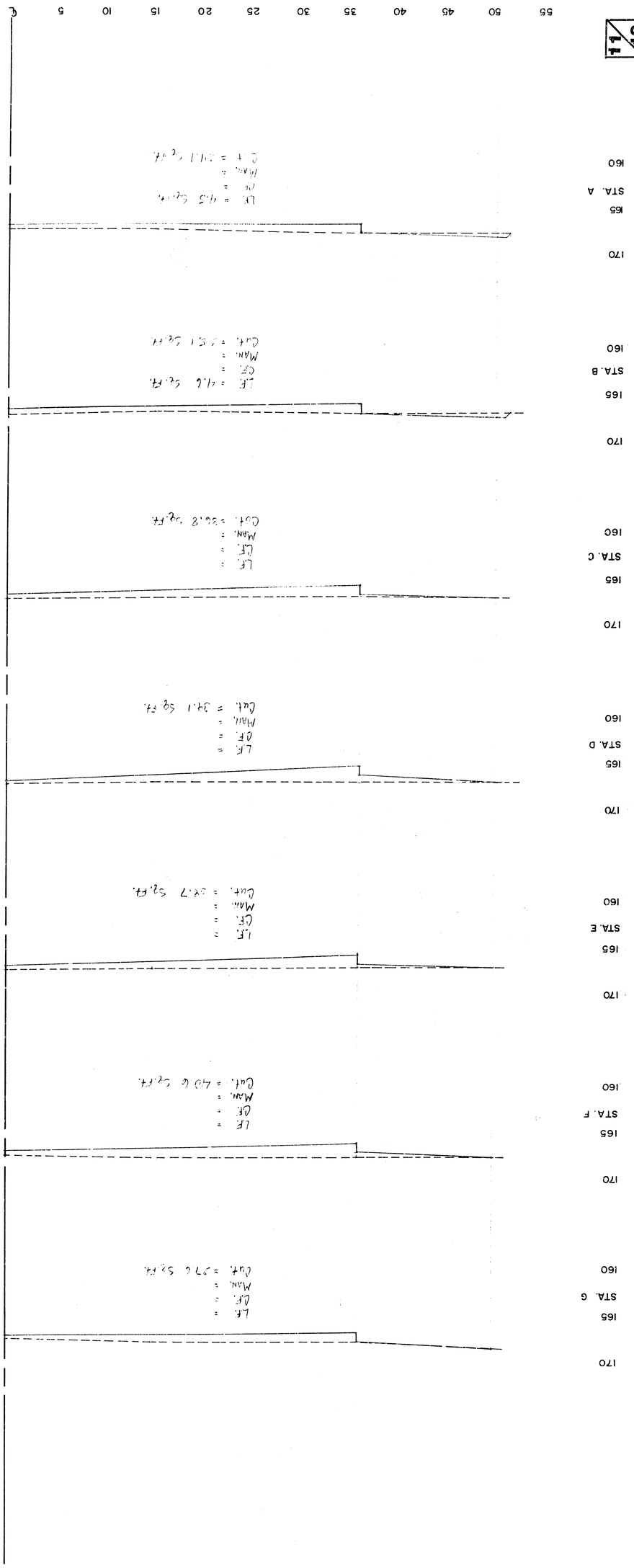
BEACON HILL CT. (SO.)

10/18

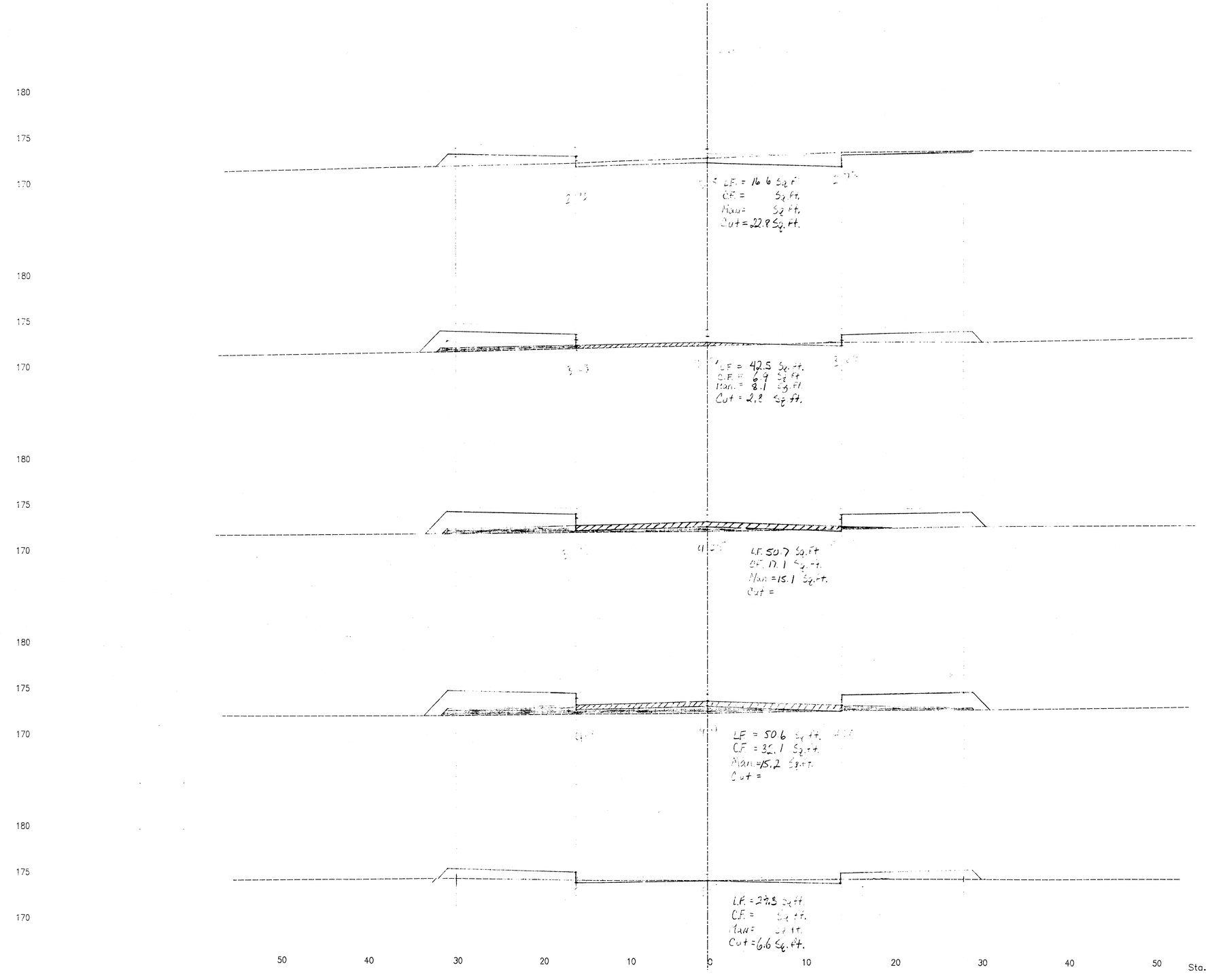
THE COURT II
PAVING CROSS SECTIONS
PROJ. NO. 472-76-2458/823 - 000-000-001

BEACON HILL CT. (SO.)

11/18



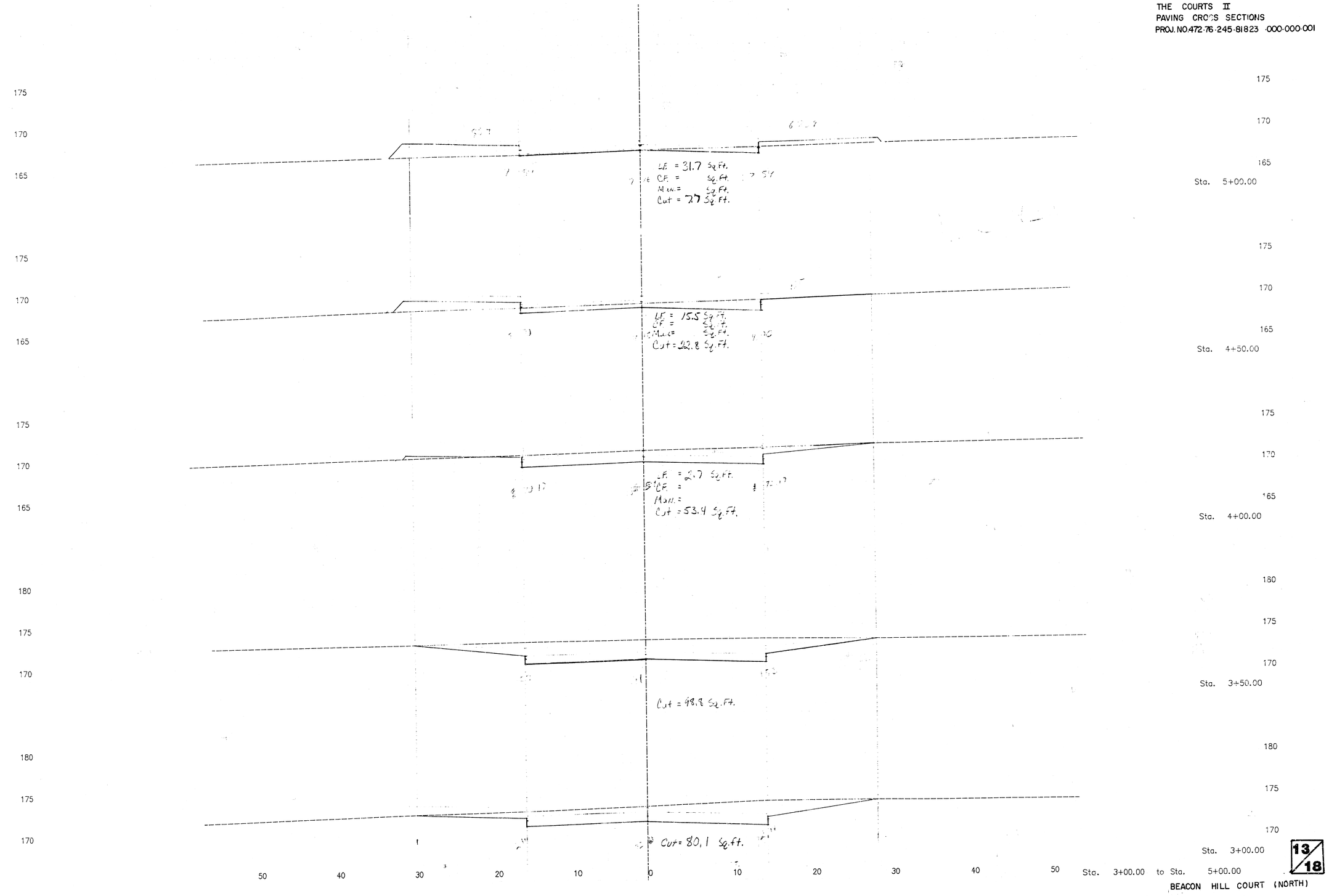
THE COURTS II
PAVING CROSS SECTIONS
PROJ. NO. 472-76-245-81823 -000-000-001



12/18

BEACON HILL COURT (NORTH)

THE COURTS II
PAVING CROSS SECTIONS
PROJ. NO.472-76-245-81823 -000-000-001



Sta. 3+00.00 to Sta. 5+00.00

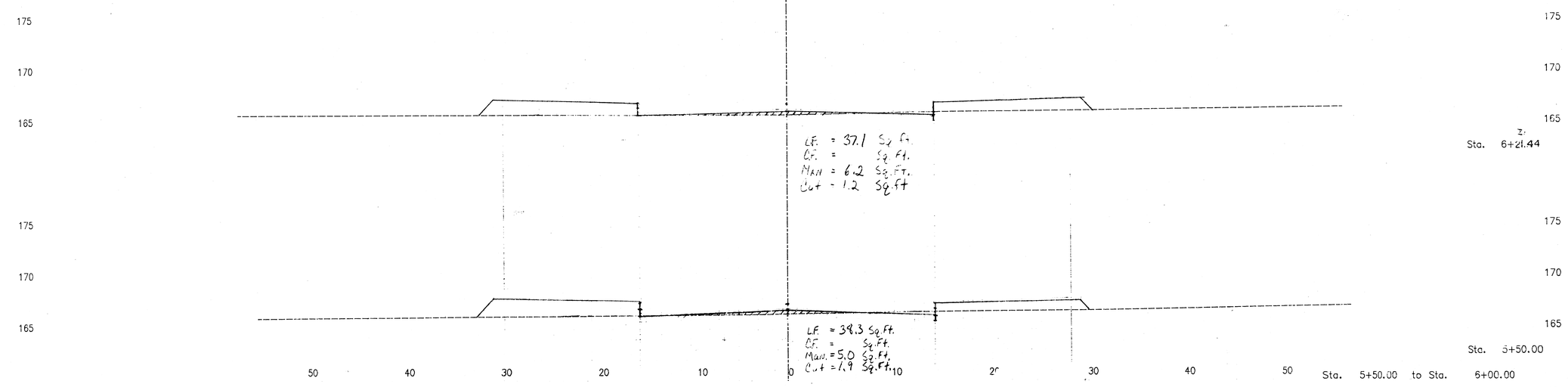
BEACON HILL COURT (NORTH)

THE COURTS II
PAVING CROSS SECTIONS
PROJ. NO.472-76-245-81823 -000-000-001

THE COURTS II, PHASE II --- EARTHWORK QUANTITIES

STATION	DIST.	AREA CUT S.F.	AREA L.F. S.F.	AREA C.F. S.F.	AREA M.F. S.F.	VOLUME CUT C.Y.	VOLUME FILL C.Y.	VOLUME C.F. C.Y.	VOLUME M.F. C.Y.
BEACON HILL COURT. (SOUTH)									
18.00		68.0	0.0	0.0	0.0				
	29.71					54.2	2.4	0.0	0.0
47.71		30.6	4.4	0.0	0.0				
	65.27					67.0	12.8	0.0	0.0
112.98		24.8	6.2	0.0	0.0				
	37.02					41.4	5.3	0.0	0.0
150.00		35.6	1.5	0.0	0.0				
	50.00					68.1	1.4	0.0	0.0
200.00		37.9	0.0	0.0	0.0				
	52.80					76.5	1.5	0.0	0.0
252.80		40.3	1.5	0.0	0.0				
	48.06					66.2	7.1	0.0	0.0
300.86		34.1	3.5	0.0	0.0				
	64.30					65.0	13.8	0.0	0.0
365.16		20.5	5.1	0.0	0.0				
						0.0	0.0	0.0	0.0
CUL-DE-SAC		AVE CUT	1.4 X 1565			81.1	0.0	0.0	0.0
A		24.1	4.5	0.0	0.0				
	14.40					13.1	2.4	0.0	0.0
B		25.1	4.6	0.0	0.0				
	14.20					16.3	1.2	0.0	0.0
C		36.8	0.0	0.0	0.0				
	14.20					20.0	0.0	0.0	0.0
D		39.1	0.0	0.0	0.0				
	14.20					20.5	0.0	0.0	0.0
E		38.7	0.0	0.0	0.0				
	14.20					20.9	0.0	0.0	0.0
F		40.6	0.0	0.0	0.0				
	14.40					18.2	0.0	0.0	0.0
G		27.6	0.0	0.0	0.0				
BEACON HILL COURT. (NORTH)									
18.00		68.0	0.0	0.0	0.0				
	29.71					41.0	16.1	0.0	0.0
47.71		6.6	29.3	0.0	0.0				
	52.29					6.4	77.4	31.1	14.7
100.00		0.0	50.6	32.1	15.2				
	50.00					0.0	93.8	45.6	28.1
150.00		0.0	50.7	17.1	15.2				
	50.00					2.6	86.3	22.2	21.6
200.00		2.8	42.5	6.9	8.1				
	50.00					23.7	54.7	6.4	7.5
250.00		22.8	16.6	0.0	0.0				
	50.00					95.3	15.4	0.0	0.0

STATION	DIST.	AREA CUT S.F.	AREA L.F. S.F.	AREA C.F. S.F.	AREA M.F. S.F.	VOLUME CUT C.Y.	VOLUME FILL C.Y.	VOLUME C.F. C.Y.	VOLUME M.F. C.Y.
300.00		80.1	0.0	0.0	0.0				
	50.00					165.6	0.0	0.0	0.0
350.00		98.8	0.0	0.0	0.0				
	50.00					91.5	0.0	0.0	0.0
400.00		53.40	2.70	0.00	0.00				
	50.00					70.6	16.9	0.0	0.0
450.00		22.80	15.50	0.00	0.00				
	50.00					28.2	43.7	0.0	0.0
500.00		7.70	31.70	0.00	0.00				
	50.00					8.9	64.8	0.0	4.6
550.00		1.90	38.30	0.00	5.00				
	71.44					2.5	50.7	0.0	6.8
621.44		1.20	37.10	0.00	3.20				
CUL-DE-SAC		AVE CUT	0.2 X 1565			11.6	0.0	0.0	2.7
		AVE FILL	0.15 X 1565						
A		9.9	14.7	0.0	0.7				
	14.40					6.2	6.5	0.0	0.4
B		17.3	9.6	0.0	0.7				
	14.20					8.5	4.0	0.0	0.7
C		16.8	5.7	0.0	1.9				
	14.20					11.1	2.3	0.0	0.8
D		23.6	2.9	0.0	0.5				
	14.20					11.7	1.4	0.0	0.5
E		20.9	2.3	0.0	1.5				
	14.20					11.7	1.9	0.0	0.5
F		23.6	4.6	0.0	0.5				
	14.40					10.4	4.6	0.0	0.2
G		15.5	12.7	0.0	0.3				
		PROJECT TOTAL =				1236.0	588.2	105.3	94.8



BEACON HILL COURT (NORTH)

14/18

170

165

STA. G

160

L.F. = 12.7 Sq.Ft.
C.F. =
MAN. = 2.3 Sq.Ft
Cut. = 15.5 Sq.Ft.

170

165

STA. F

160

L.F. = 4.6 Sq.Ft.
C.F. =
MAN. = 0.5 Sq.Ft.
Cut. = 23.6 Sq.Ft.

170

165

STA. E

160

L.F. = 2.3 Sq.Ft.
C.F. =
MAN. = 1.5 Sq.Ft.
Cut. = 20.9 Sq.Ft.

170

165

STA. D

160

L.F. = 2.9 Sq.Ft.
C.F. =
MAN. = 0.5 Sq.Ft.
Cut. = 23.6 Sq.Ft

170

165

STA. C

160

L.F. = 5.7 Sq.Ft.
C.F. =
MAN = 1.9 Sq.Ft.
Cut. = 19.2 Sq.Ft.

170

165

STA. B

160

L.F. = 1.6 Sq.Ft.
C.F. =
MAN. = 0.7 Sq.Ft.
Cut. = 13.5 Sq.Ft

170

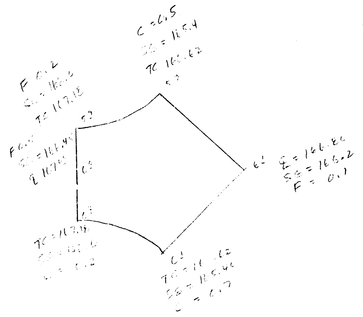
165

STA. A

160

L.F. = 14.7 Sq.Ft.
C.F. =
MAN. = 5.7 Sq.Ft.
Cut. = 1.4 Sq.Ft

55 50 45 40 35 30 25 20 15 10 5 ℄



Av. [illegible] = 6.2
[illegible]
Ex. [illegible] = (14.7 + 6.2) 2.7 = 14.6

Av. Fill = 6.15
Av. [illegible]
[illegible]

THE COURTS II
PAVING CROSS SECTIONS
PROJ. NO. 472-76-245 91823-000-000-001

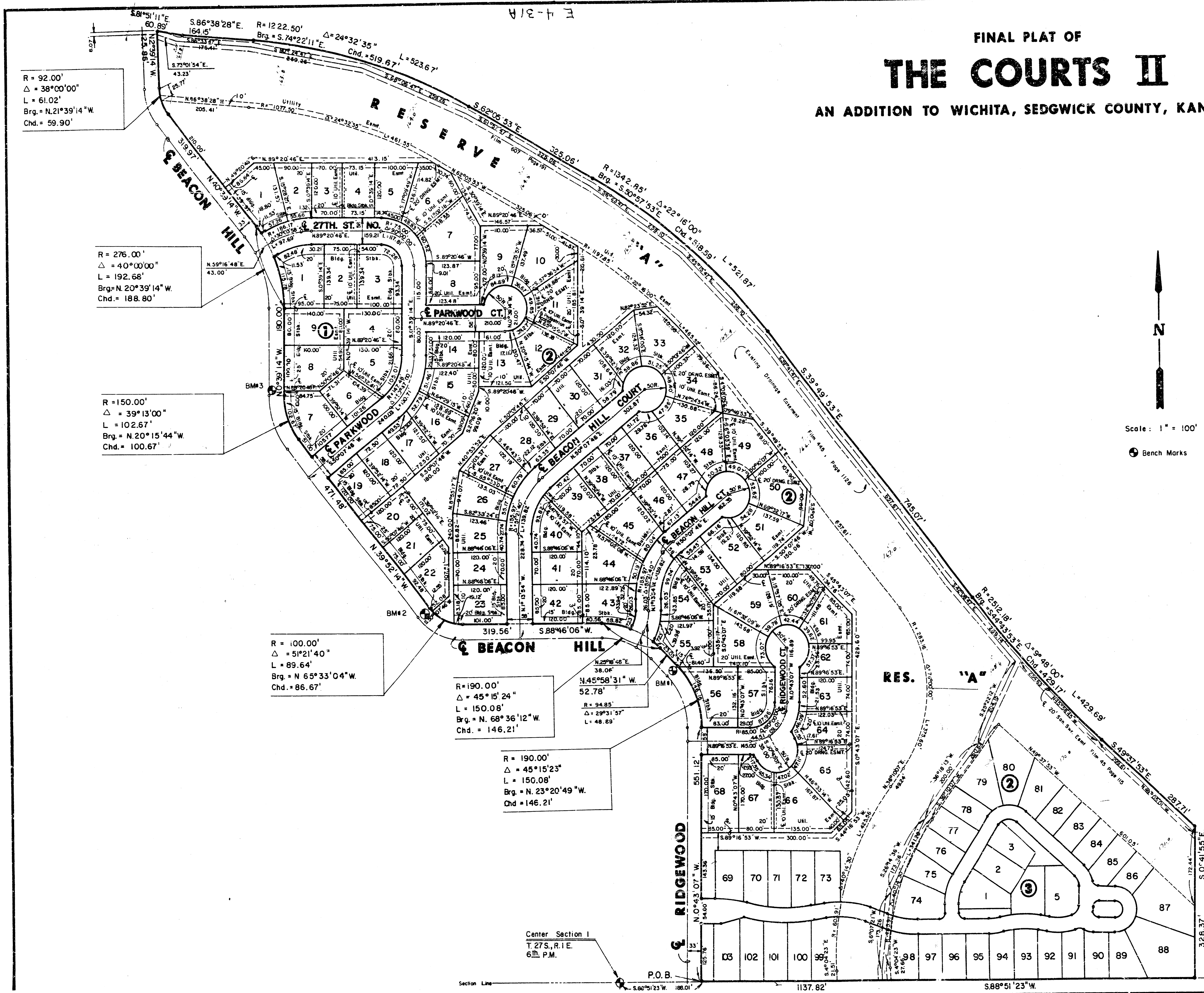
BEACON HILL COURT (NO.)

15/18

FINAL PLAT OF

THE COURTS II

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



Scale: 1" = 100'

⊕ Bench Marks

THE COURTS II

Lot Nos.	Block Nos.	Minimum Pad (City Datum)	Minimum Pad (U.S.G.S.)
1-5	2	166.0	1353.4
6-9	2	166.5	1353.9
10-11	2	167.0	1354.4
32-33	2	167.0	1354.4
34-35	2	168.0	1355.4
48-51	2	168.0	1355.4
60-62	2	169.0	1356.4
63	2	170.5	1357.9
64-66	2	172.0	1359.4
73-78	2	173.0	1360.4
79-81	2	172.0	1359.4
82-87	2	173.0	1360.4
98-99	2	175.0	1362.4

BENCH MARKS:

B.M. #1 "☐" Cut on East curb of Beacon Hill at Northwest corner of Lot 56-2
Elev. = 174.06

B.M. #2 "☐" Cut on East curb of Beacon Hill at the Southwest corner of Lot 22-2
Elev. = 172.91

B.M. #3 "☐" Cut on East curb of Beacon Hill at the Southwest corner of Lot 8-1
Elev. = 165.38

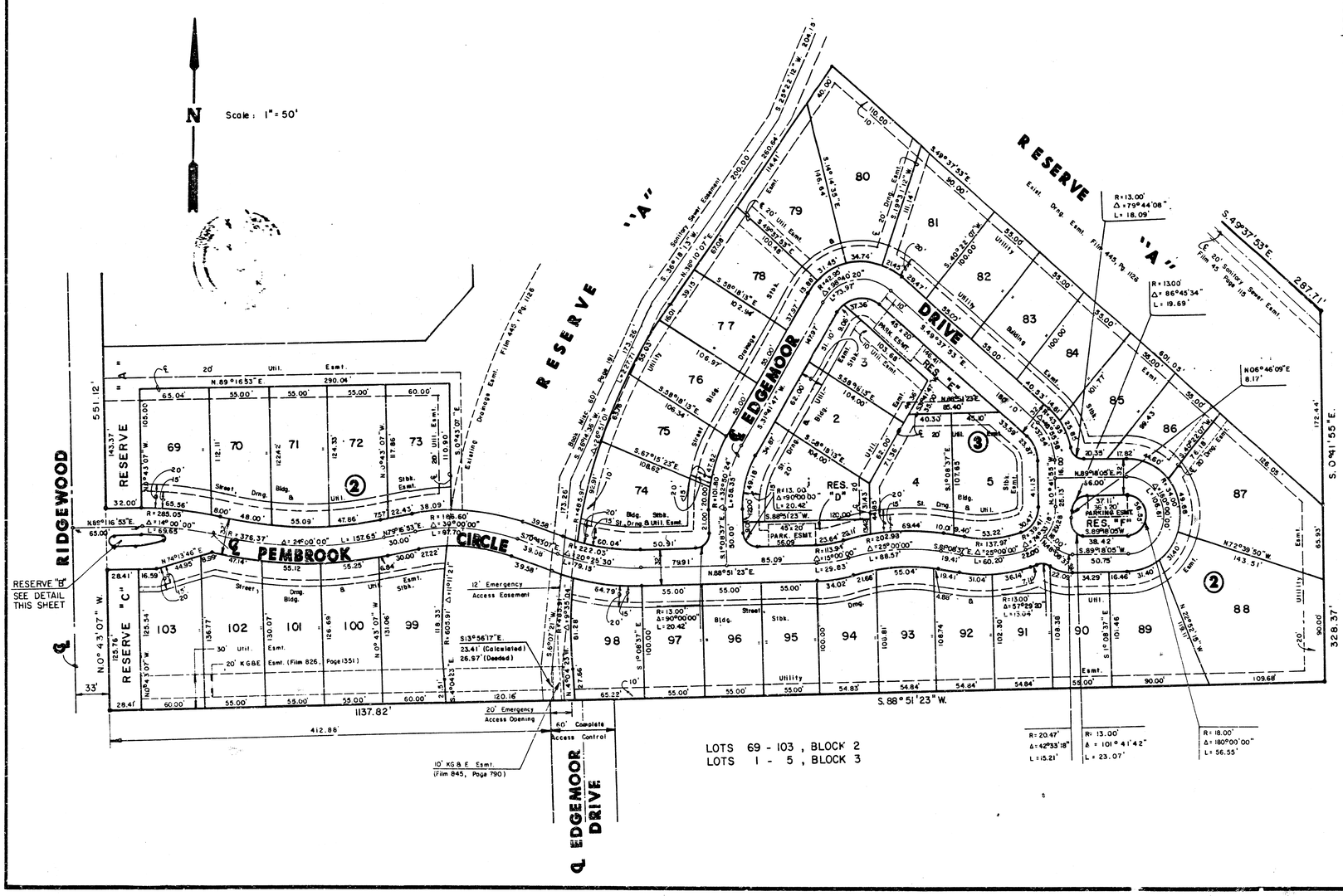
B.M. #4 "☐" Cut Southeast corner of RCB on Beacon Hill Road and Reserve "A"
Elev. = 162.93

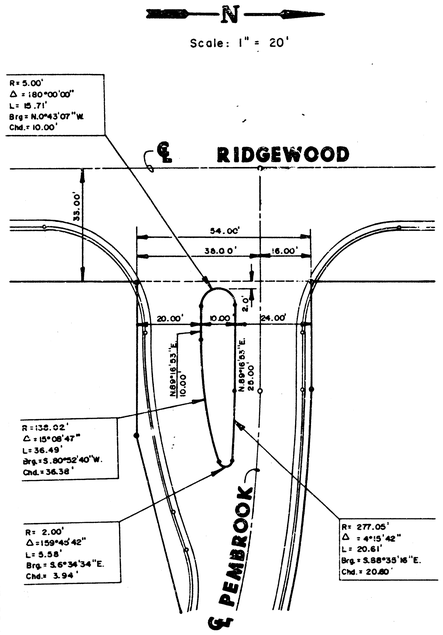
E 4-31B

FINAL PLAT OF

THE COURTS II

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS





RESERVE "B" DETAIL

E 4-31B

E 4-31C

FINAL PLAT OF

THE COURTS II

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

I, Kenneth H. Bengtson, a Civil Engineer and a Registered Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "THE COURTS II", an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks, Streets, and Reserves, the same being accurately set forth in the accompanying plat and described herein:

A tract of land lying in the Northwest Quarter and the West Half of the Northeast Quarter, Section 1, Township 27 South, Range 1 East of the 6th P.M., Sedgwick County, Kansas, more particularly described as follows:

Beginning at the Southeast corner of BEACON HILL, an addition to Wichita, Sedgwick County, Kansas; thence northerly along the boundary of said BEACON HILL, N 00° 43' 07" W, 551.12 feet to a point on a curve to the left; thence along said curve 150.08 feet, said curve having a central angle of 45° 15' 23", a radius of 190.00 feet, and a long chord of 146.21 feet, bearing N 23° 20' 49" W; thence N 45° 58' 31" W, 52.78 feet to a point on a curve to the left; thence along said curve 150.08 feet, said curve having a central angle of 45° 15' 24", a radius of 190.00 feet, and a long chord of 146.21 feet, bearing N 68° 36' 12" W; thence Westerly continuing along the boundary of said BEACON HILL, S 88° 46' 06" W, [illegible] feet to a point on a curve to the right; thence along said curve 86.[illegible]4 feet, said curve having a central angle of 51° 21' 40", a radius of 100.00 feet, and a long chord of 86.67 feet, bearing N 65° 33' 04" W; thence N 39° 52' 14" W, 471.48 feet to a point on a curve to the right; thence along said curve 102.67 feet, said curve having a central angle of 39° 13' 00", a radius of 150.00 feet, and a long chord of 100.67 feet, bearing N 20° 15' 44" W; thence Northerly continuing along the boundary of said BEACON HILL, N 00° 39' 14" W, 190.00 feet to a point on a curve to the left; thence along said curve 192.68 feet, said curve having a central angle of 40° 00' 00", a radius of 276.00 feet, and a long chord of 188.80 feet, bearing N 20° 39' 14" W; thence N 40° 39' 14" W, 319.97 feet to a point on a curve to the right; thence along said curve 61.02 feet, said curve having a central angle of 38° 00' 00", a radius of 92.00 feet, and a long chord of 59.90 feet, bearing N 21° 39' 14" W; thence N 02° 39' 14" W, 125.96 feet; thence S 81° 51' 11" E, 60.69 feet; thence S 86° 38' 28" E, 164.15 feet to a point on a curve to the right; thence along said curve 523.67 feet, said curve having a central angle of 24° 32' 35", a radius of 1222.50 feet, and a long chord of 519.67 feet, bearing S 74° 22' 11" E; thence S 62° 05' 53" E, 325.06 feet to a point on a curve to the right; thence along said curve 521.87 feet, said curve having a central angle of 22° 16' 00", a radius of 1342.85 feet, and a long chord of 518.59 feet, bearing S 50° 57' 53"; thence S 39° 49' 53" E, 745.07 feet to a point on a curve to left; thence along said curve 429.69 feet, said curve having a central angle of 09° 48' 00", a radius of 2512.18 feet, and a long chord of 429.17 feet, bearing S 44° 43' 53" E; thence S 49° 37' 53" E, 287.71 feet to a point on the East line of said West Half of said Northeast Quarter; thence S 00° 41' 55" E, 328.37 feet along said East line to the Southeast corner of said West Half; thence S 88° 51' 23" W, 1137.82 feet along the South line of said West Half to the point of beginning.

That portion of the drainage easement, within the above described property, as recorded on Film 828, Page 1147 is hereby vacated and rededicated by virtue of K.S.A. 12-512(b).

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 21st day of June, 1988.

Kenneth H. Bengtson

Kenneth H. Bengtson, P.E., R.L.S. #922
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #800
Wichita, KS 67226

KENNETH H. BENGTSON LICENSED 7238 KANSAS PROFESSIONAL ENGINEER

KENNETH H. BENGTSON REGISTERED LS-922 KANSAS LAND SURVEYOR

25.00

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Land Surveyor's and Civil Engineers Certificate, have caused the same to be surveyed and platted into Lots, Blocks, Streets and Reserves the same to be known as "THE COURTS II" an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities, drainage, parking and streets as indicated on the accompanying plat are hereby granted. Parking easements as indicated in Reserves "D", "E", and "F" on the accompanying plat are hereby granted. The pedestrian access easement is hereby granted to the public for purposes of providing pedestrian access to the property to the North. Reserve "A" is platted for Landscaping, Entry Monuments, Gazebo, Drainage, Drainage Structures, Walk-ways, Utilities confined to easements, Lake, Playground Facilities and Emergency Access Easement. Reserves "B" and "C" are platted for Landscaping and Entry Monuments. Reserve "C" is also platted for utilities confined to easements. Reserves "D" and "E" are platted for landscaping, utilities confined to easements and parking. Reserve "E" is also platted for Drainage and Drainage Structures. Reserve "F" is platted for landscaping and parking. All reserves shall be owned and maintained by the Homeowners Association. All abutters rights of access to or from the south line of Block 2, The Courts II are hereby granted to the City of Wichita, Kansas, provided however that one emergency access point be provided to Edgemoor Drive. Emergency access location shall be determined by the City Engineer. Minimum pad elevations shall be as indicated on the face of the plat.

CRITCHFIELD REAL ESTATE LIMITED PARTNERSHIP 1985,
a Kansas Limited Partnership

By: Stephen M. Critchfield
Stephen M. Critchfield, President

STATE OF KANSAS
ss:
SEDGWICK COUNTY

Be it remembered that on this 21st day of June, 1988, before me a Notary Public in and for said State and County, came Stephen M. Critchfield, President of Critchfield Inc., a general partner, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof, I have hereunto set my hand and affixed my notarial seal the day and year above written.

Dawn Hardy, Notary Public
Dawn Hardy
My Appointment Expires: 10/20/90

DAWN HARDY NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 10/20/90

We, Stelbar Oil Corporation, mortgages on the above described property, do hereby consent to the plat of "THE COURTS II".

STELBAR OIL CORPORATION

By: Maurice L. Hollar
Maurice L. Hollar, Vice-President

STATE OF KANSAS
ss:
SEDGWICK COUNTY

Be it remembered that on this 21st day of June, 1988, before me a Notary Public in and for said State and County, came Maurice L. Hollar on the behalf of Stelbar Oil Corporation, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof, I have hereunto set my hand and affixed my notarial seal the day and year above written.

[illegible], Notary Public
[illegible]
My Appointment Expires: 4/26/89

This plat of "THE COURTS II" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 31st day of March, 1988.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

Elton Parsons, Chairman

Marvin S. Krout, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Council of the City of Wichita, Kansas, this 12th day of July, 1988.

Sheldon Kamen, Mayor

Dale E. Rea, Deputy City Clerk

Entered on transfer record this 22 day of July, 1988.

Don Wright, County Clerk

STATE OF KANSAS)
) SS:
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this 22nd day of July, 1988, 2:00 PM

Pat Kettler, Register of Deeds
by Ed Resa

Ed Resa, Deputy

959558

THE CITY OF WICHITA SEDGWICK COUNTY, KANSAS

SEDGWICK COUNTY KANSAS

(18)

18/18