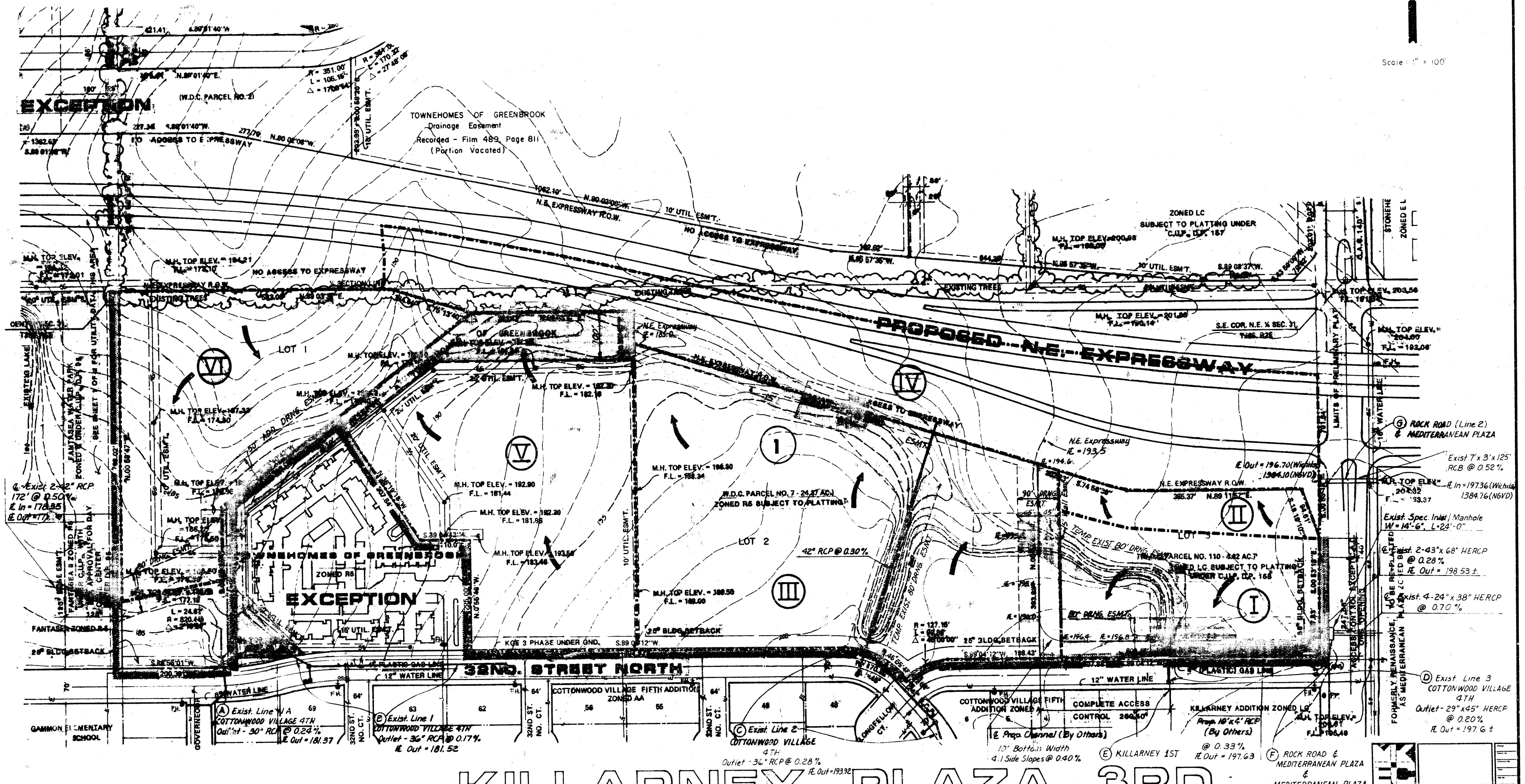
KILLARNEY PLAZA 3RD ADDITION
(Drainage)

Drainage Area	AREA ACRES	AREA ACCUM.	C_5	C_{100}	T_c	I_5	I_{100}	Q_5	Q_{100}	Pipe Size	Pipe Slope	Inlet
Area 'I' Commercial - Hotel	3.40		0.86	0.91	15	4.56	7.37	13.3	22.8			
Area 'II' Commercial - Hotel	1.09		0.86	0.91	15	4.56	7.37	4.3	7.3			
Area 'III' Apartments	10.75		0.72	0.83	25 17	3.57	7.00	27.6	62.5			
Area 'IV' Northeast Expressway	8.90		0.71	0.81	29 22	3.30	6.35	20.9	45.3			
Area 'V' Apartment	7.56		0.72	0.83	17 15	4.31	7.37	23.5	46.2			
Area 'VI' Apartments	6.09		0.72	0.83	18 15	4.20	7.37	18.4	37.3			

N

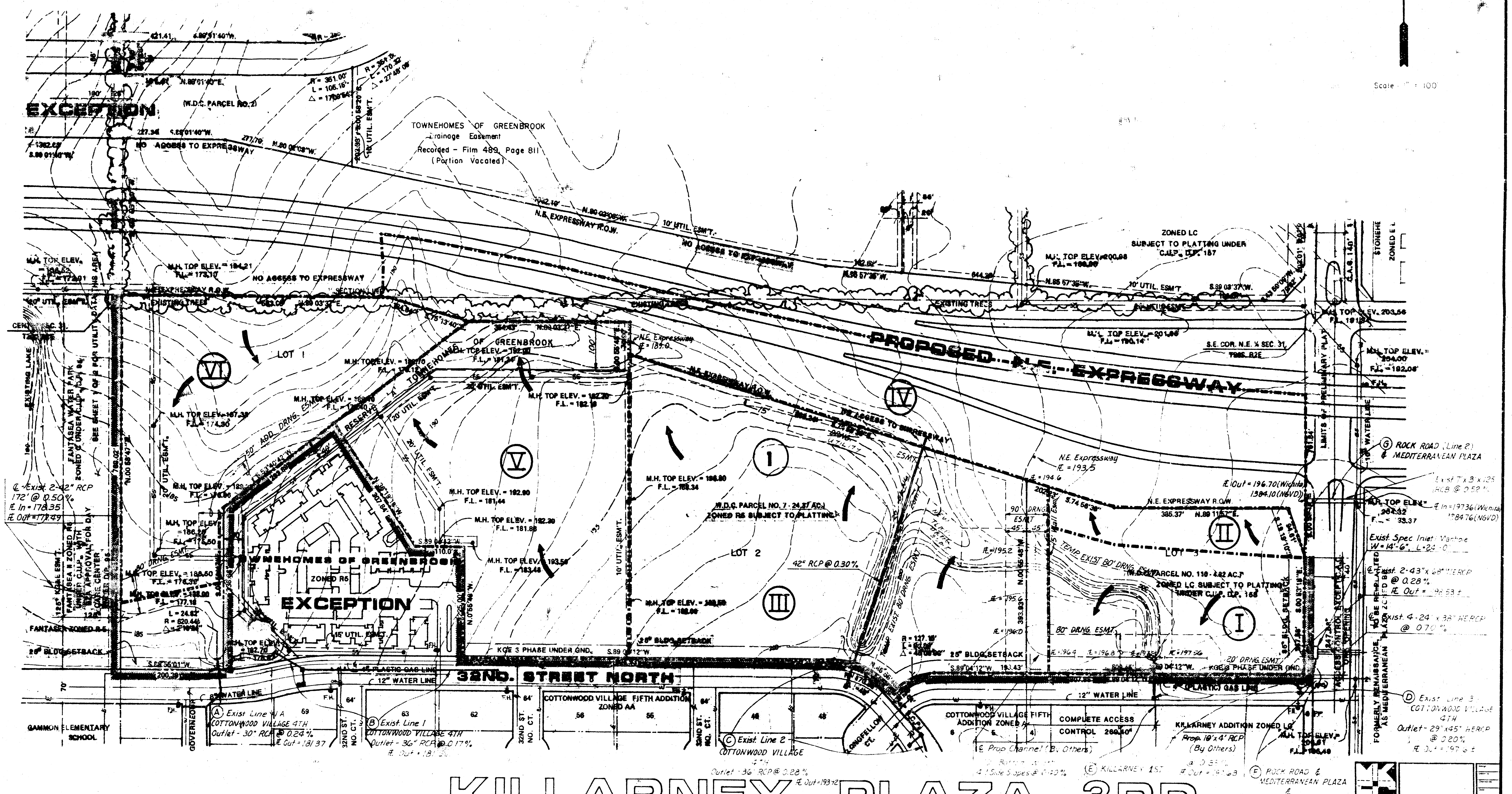
Scale 1" = 100'


EXCEPTION
(W.D.C. PARCEL NO. 2)
TOWNEHOMES OF GREENBROOK
Drainage Easement
Recorded - Film 489, Page 811
(Portion Vacated)
NO ACCESS TO EXPRESSWAY
N.E. EXPRESSWAY R.O.W.
10' UTIL. ESM'T.
EXISTING TREES
PROPOSED N.E. EXPRESSWAY
ZONED LC
SUBJECT TO PLATTING UNDER C.U.P., D.P. 157
S.E. COR. N.E. ¼ SEC. 31
LOT 1
LOT 2
LOT 3
VI
V
IV
III
II
I
M.H. TOP ELEV. = 194.21
F.L. = 173.10
M.H. TOP ELEV. = 167.33
F.L. = 174.30
M.H. TOP ELEV. = 192.80
F.L. = 181.44
M.H. TOP ELEV. = 193.56
F.L. = 183.46
M.H. TOP ELEV. = 196.80
F.L. = 188.34
M.H. TOP ELEV. = 189.50
F.L. = 188.00
M.H. TOP ELEV. = 200.98
M.H. TOP ELEV. = 201.86
F.L. = 190.14
M.H. TOP ELEV. = 203.56
M.H. TOP ELEV. = 204.00
F.L. = 192.08
W.D.C. PARCEL NO. 7 - 24.37 AC.
ZONED R5 SUBJECT TO PLATTING
42" RCP @ 0.30%
W.D.C. PARCEL NO. 110 - 4.62 AC.
ZONED LC SUBJECT TO PLATTING UNDER C.U.P., D.P. 158
TEMP. EXIST. 80' DRNG. ESMT.
80' DRNG. ESMT.
90' DRNG. ESMT.
25' BLDG. SETBACK
N.E. Expressway ℄ = 193.5
N.E. Expressway ℄ = 185.0
℄ = 194.6
℄ = 196.0
℄ = 196.4
℄ = 196.8
℄ Out = 196.70 (Wichita) 1384.10 (NGVD)
LIMITS OF PRELIMINARY PLAT
WATER LINE
Ⓖ ROCK ROAD (Line 2) & MEDITERRANEAN PLAZA
Exist 7' x 3' x 125' RCB @ 0.52%
℄ In = 197.36 (Wichita) 1384.76 (NGVD)
Exist. Spec. Inlet / Manhole W = 14'-6", L = 24'-0"
Exist. 2-43" x 68" HERCP @ 0.28% ℄ Out = 198.53 ±
Exist. 4-24" x 38" HERCP @ 0.70%
FORMERLY RENAISSANCE, TO BE RE-PLATTED AS MEDITERRANEAN PLAZA
ACCESS CONTROL EXCEPT ONE OPENING
Ⓓ Exist. Line 3 COTTONWOOD VILLAGE 4TH Outlet - 29" x 45" HERCP @ 0.20% ℄ Out = 197.6 ±
32ND. STREET NORTH
12" WATER LINE
(PLASTIC) GAS LINE
KGE 3 PHASE UNDER GND.
TOWNEHOMES OF GREENBROOK
ZONED R6
EXCEPTION
15' UTIL. ESMT.
FANTASEA ZONED R-5
GAMMON ELEMENTARY SCHOOL
GOVERNEOR
32ND ST. NO. CT.
COTTONWOOD VILLAGE FIFTH ADDITION ZONED AA
LONGFELLOW CT.
COMPLETE ACCESS CONTROL 280.40'
KILLARNEY ADDITION ZONED LC
Ⓐ Exist. Line 1A COTTONWOOD VILLAGE 4TH Outlet - 30" RCP @ 0.24% ℄ Out = 181.37
Ⓑ Exist. Line 1 COTTONWOOD VILLAGE 4TH Outlet - 36" RCP @ 0.17% ℄ Out = 181.52
Ⓒ Exist. Line 2 COTTONWOOD VILLAGE 4TH Outlet - 36" RCP @ 0.28% ℄ Out = 193.92
℄ Prop. Channel (By Others) 10' Bottom Width 4:1 Side Slopes @ 0.40%
Ⓔ KILLARNEY 1ST
Prop. 10' x 4' RCP (By Others) @ 0.33% ℄ Out = 197.63
Ⓕ ROCK ROAD & MEDITERRANEAN PLAZA & MEDITERRANEAN PLAZA COMMERCIAL (Line 1)

DRAINAGE & UTILITY PLAN FOR **KILLARNEY PLAZA 3RD.**

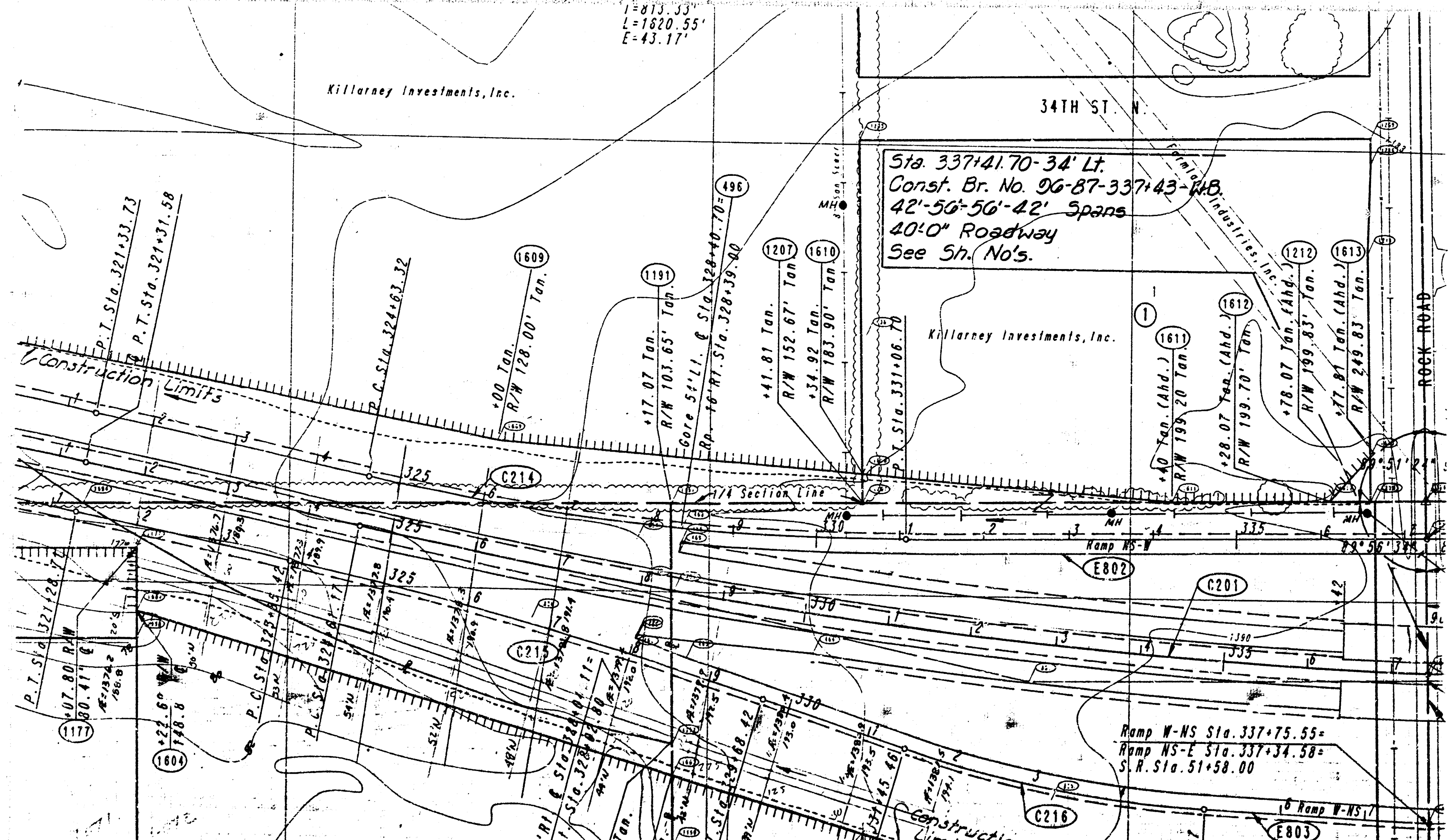
MID KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING 800 C
WICHITA, KANSAS 67226
682-6361

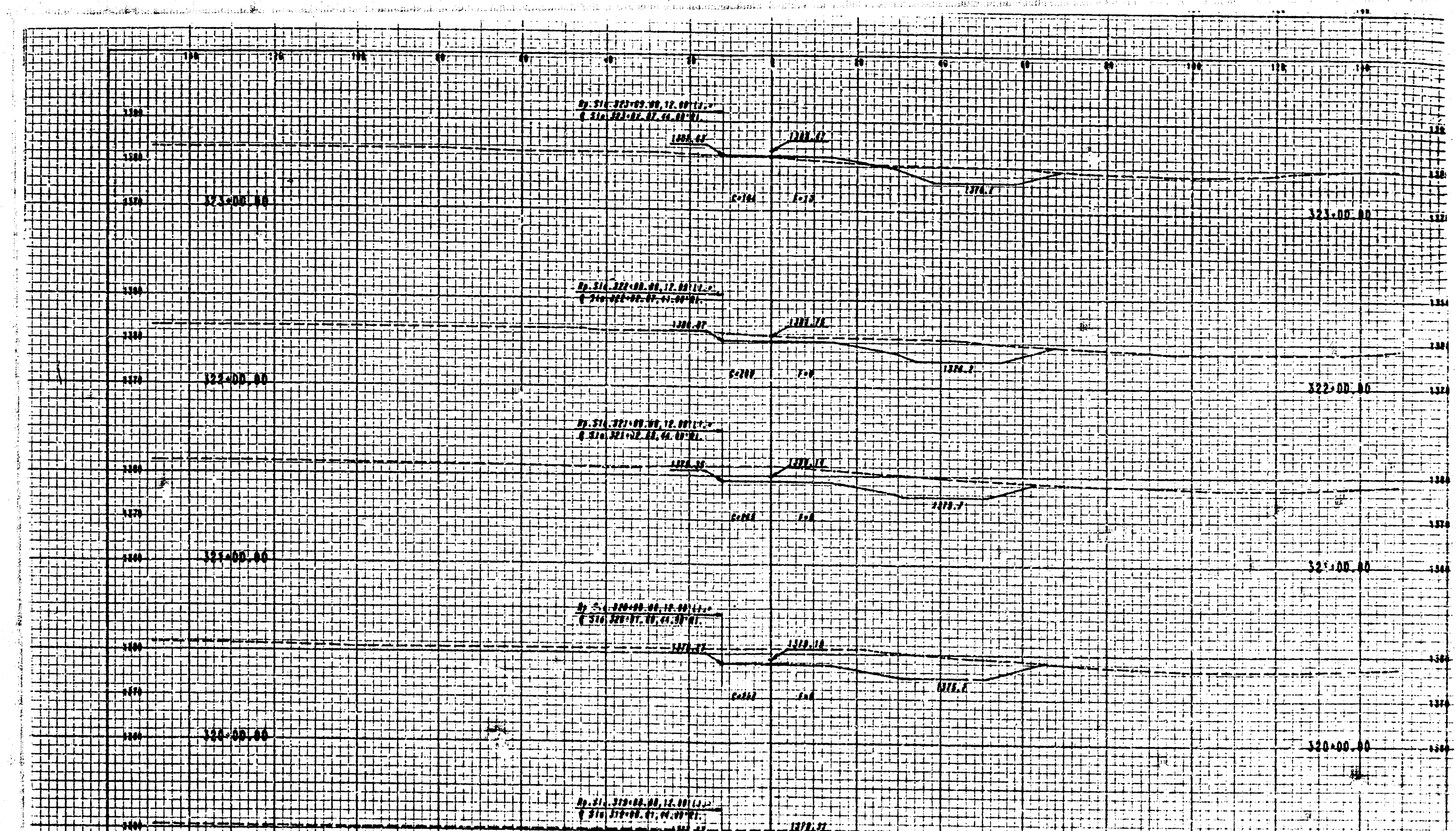
Drainage Area	AREA ACRES	AREA ACCUM.	C_5	C_{100}	T_c	I_5	I_{100}	Q_5	Q_{100}	Pipe Size	Pipe Slope	Inlet
Area 'I' Commercial - Hotel	3.40		0.86	0.91	15	4.56	7.37	13.3	22.8			
Area 'II' Commercial - Hotel	1.09		0.86	0.91	15	4.56	7.37	4.3	7.3			
Area 'III' Apartments	10.75		0.72	0.83	25 17	3.57	7.00	27.6	62.5			
Area 'IV' Northeast Expressway	8.93		0.71	0.81	29 22	3.30	6.25	20.9	45.3			
Area 'V' Apartment	7.56		0.72	0.83	17 15	4.31	7.37	23.5	46.2			
Area 'VI' Apartments	6.09		0.72	0.83	18 15	4.20	7.37	18.4	37.3			


N
Scale 1" = 100'
EXCEPTION
W.D.C. PARCEL NO. 2
NO ACCESS TO EXPRESSWAY
TOWNEHOMES OF GREENBROOK
Drainage Easement
Recorded - Film 489, Page 811
(Portion Vacated)
N.E. EXPRESSWAY R.O.W.
10' UTIL. ESM'T.
ZONED LC
SUBJECT TO PLATTING UNDER
C.U.P. D.P. 157
PROPOSED N.E. EXPRESSWAY
LOT 1
LOT 2
LOT 3
VI
V
IV
III
II
I
TOWNEHOMES OF GREENBROOK
ZONED R6
EXCEPTION
W.D.C. PARCEL NO. 7 - 24.37 AC.
ZONED R6 SUBJECT TO PLATTING
42" RCP @ 0.30%
W.D.C. PARCEL NO. 118 - 4.82 AC.
ZONED LC SUBJECT TO PLATTING
UNDER C.U.P. D.P. 158
TEMP. EXIST. 80' DRNG. ESMT.
80' DRNG. ESMT.
20' DRNG. ESMT.
25' BLDG. SETBACK
KGE 3 PHASE UNDER GND.
32ND. STREET NORTH
12" WATER LINE
PLASTIC GAS LINE
COTTONWOOD VILLAGE FIFTH ADDITION ZONED AA
COTTONWOOD VILLAGE FIFTH ADDITION ZONED A
COMPLETE ACCESS CONTROL 269.40'
KILLARNEY ADDITION ZONED LC
GAMMON ELEMENTARY SCHOOL
GOVERNEOR
32ND ST. NO. CT.
LONGFELLOW CT.
FANTASEA ZONED R-5
N.E. Expressway ℄ = 193.5
℄ Out = 196.70 (Wichita) 1384.10 (NGVD)
Ⓖ ROCK ROAD (Line 2) ℄ MEDITERRANEAN PLAZA
Exist 7' x 3' x 125 RCB @ 0.52%
℄ In = 197.36 (Wichita) 1384.76 (NGVD)
Exist. Spec. Inlet / Manhole W = 14'-6", L = 24'-0"
℄ Exist. 2-43" x 68" HERCP @ 0.28% ℄ Out = 196.53 ±
℄ Exist. 4-24" x 38" HERCP @ 0.70%
Ⓓ Exist. Line 3 COTTONWOOD VILLAGE 4TH Outlet - 29" x 45" HERCP @ 0.20% ℄ Out = 197.6 ±
Ⓐ Exist Line N/A COTTONWOOD VILLAGE 4TH Outlet - 30" RCP @ 0.24% ℄ Out = 181.37
Ⓑ Exist. Line 1 COTTONWOOD VILLAGE 4TH Outlet - 36" RCP @ 0.17% ℄ Out = 181.5
Ⓒ Exist. Line 2 COTTONWOOD VILLAGE 4TH Outlet - 36" RCP @ 0.28% ℄ Out = 193.42
℄ Prop. Channel (By Others)
4:1 Side Slopes @ 0.40%
Ⓔ KILLARNEY 1ST
Prop. 10' x 4' RCP (By Others) @ 0.33% ℄ Out = 191.63
Ⓕ ROCK ROAD ℄ MEDITERRANEAN PLAZA ℄ MEDITERRANEAN PLAZA COMMERCIAL (Line 1)
FORMERLY RENAISSANCE TO BE RE-PLATTED AS MEDITERRANEAN PLAZA ZONED LC
LIMITS OF PRELIMINARY PLAT
WATER LINE
MKEC

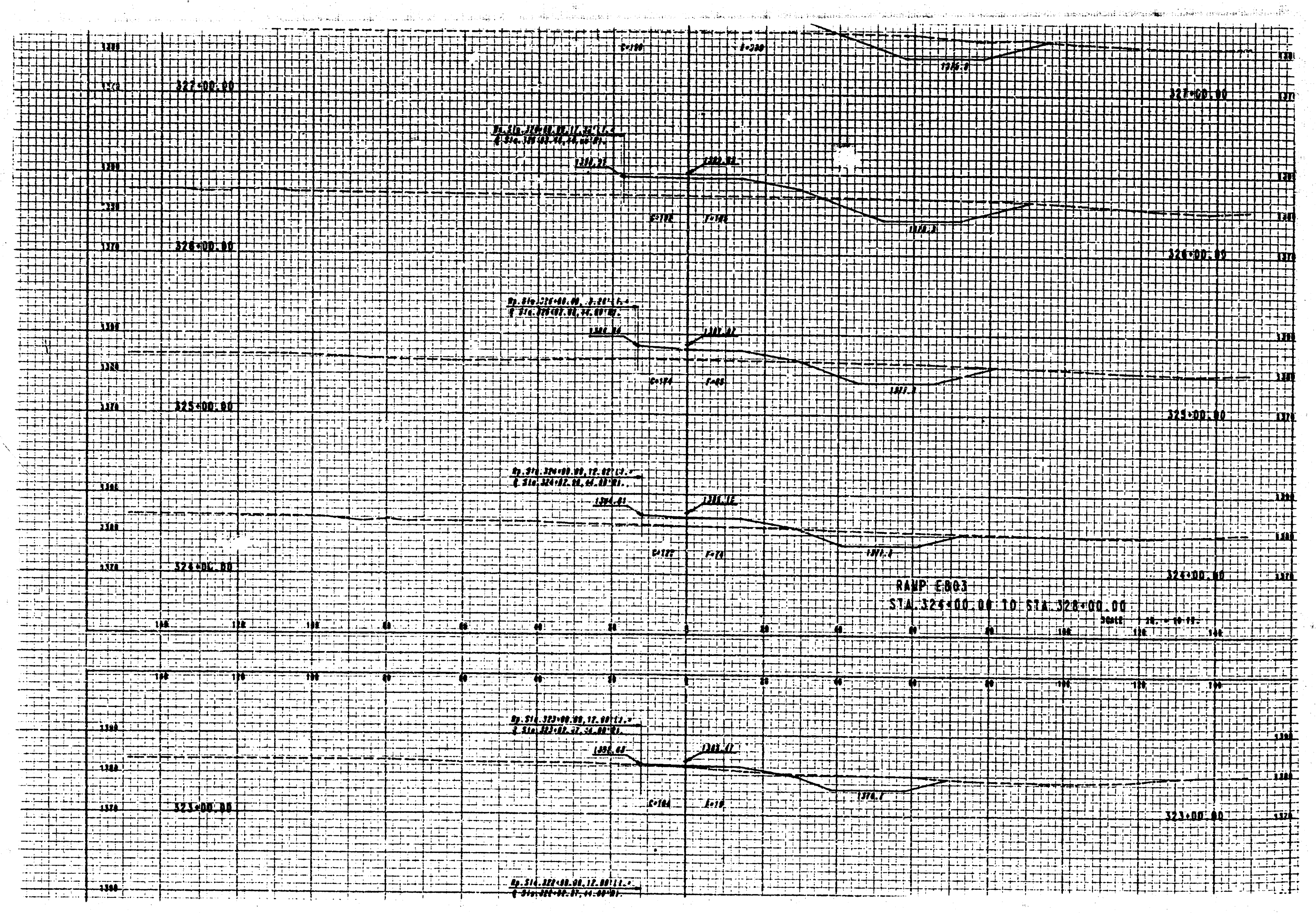
DRAINAGE & UTILITY PLAN FOR KILLARNEY PLAZA 3RD.

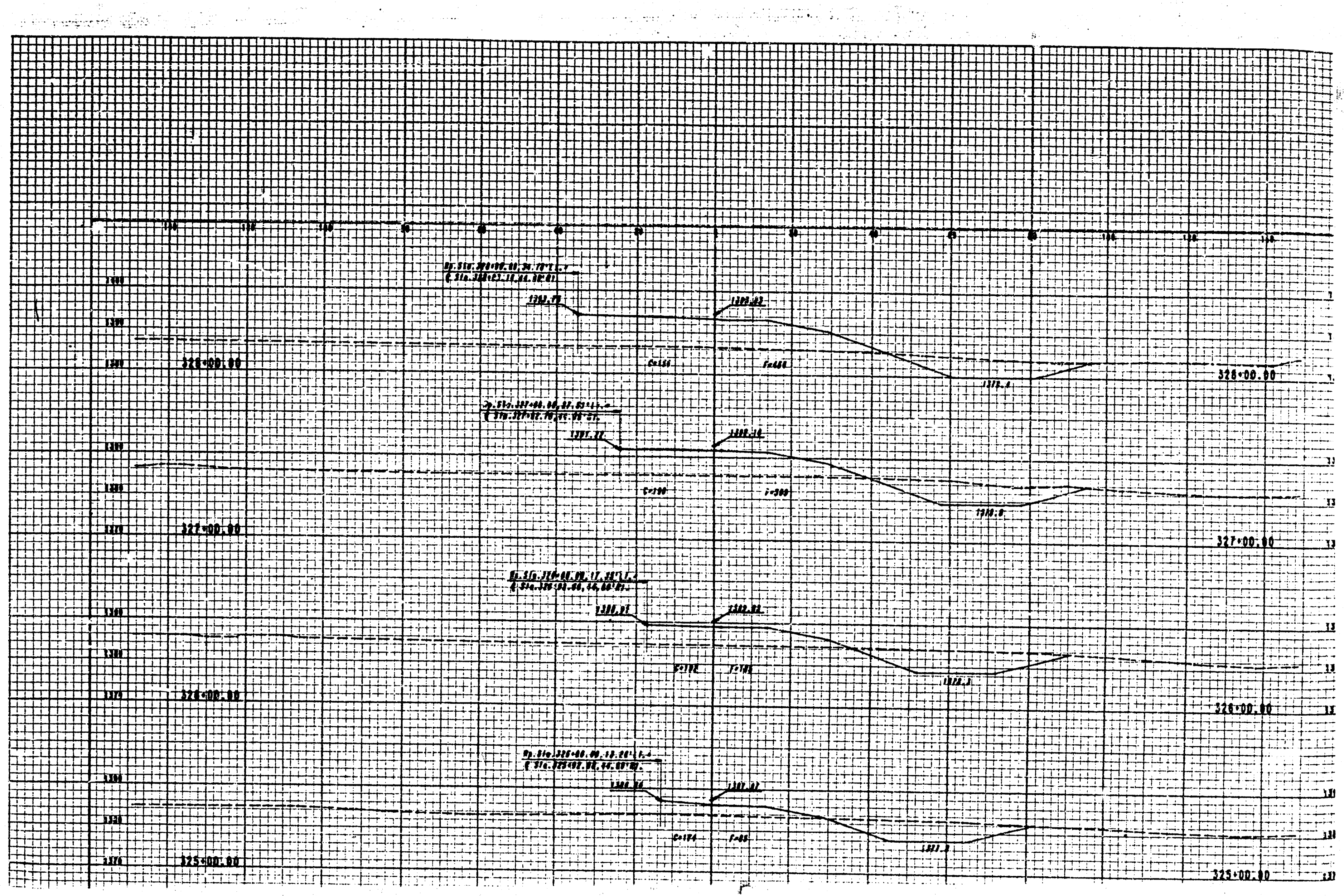
MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING 800
WICHITA, KANSAS 67226
682-6561

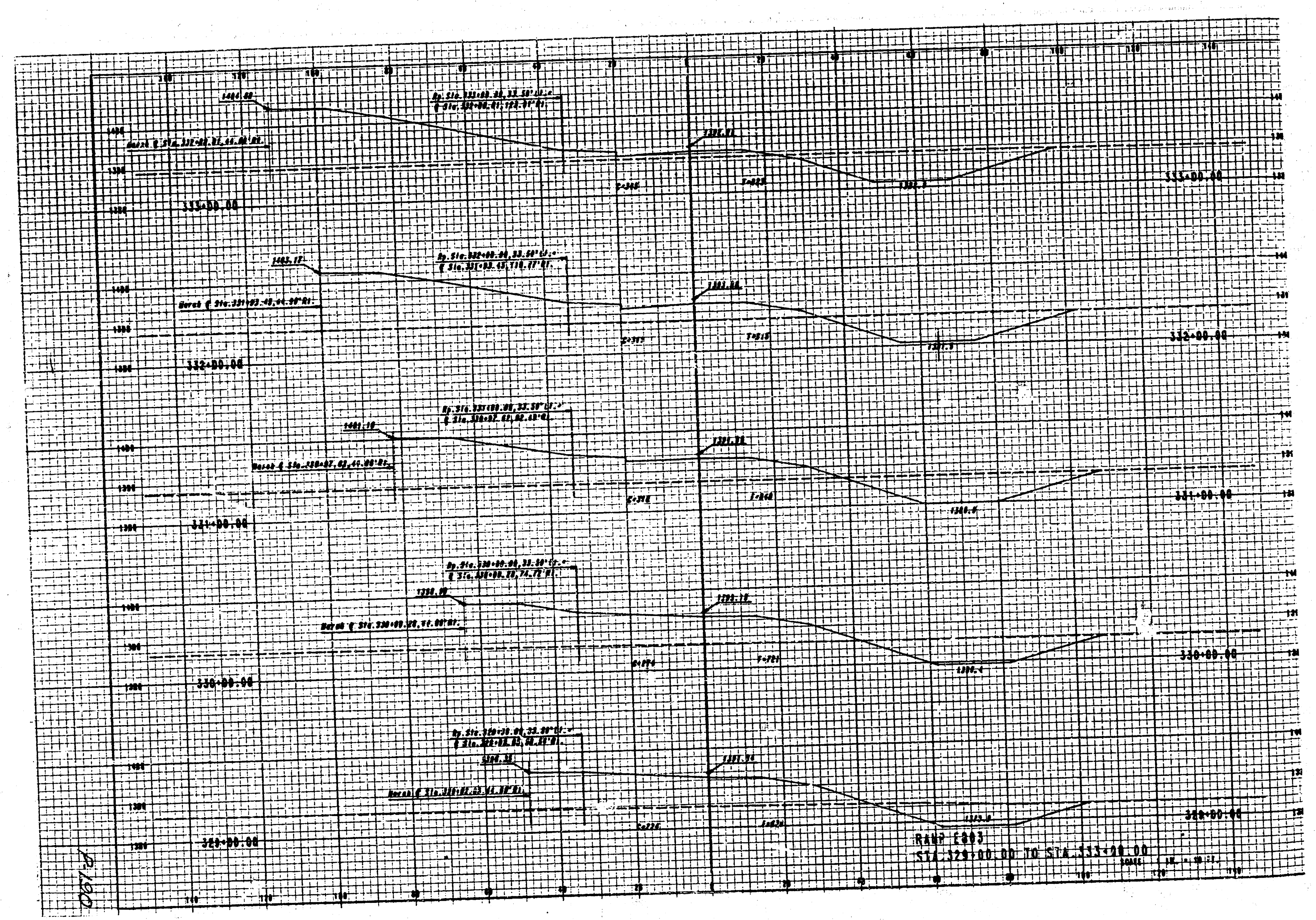

I = 813.33'
L = 1820.55'
E = 43.17'
Killarney Investments, Inc.
34TH ST. N
Sta. 337+41.70-34' Lt.
Const. Br. No. 96-87-337+43-(HB)
42'-56'-42' Spans
40'-0" Roadway
See Sh. No's.
ROCK ROAD
Construction Limits
C214
C215
C201
C216
E802
E803
Ramp W-NS Sta. 337+75.55=
Ramp NS-E Sta. 337+34.58=
S.R. Sta. 51+58.00

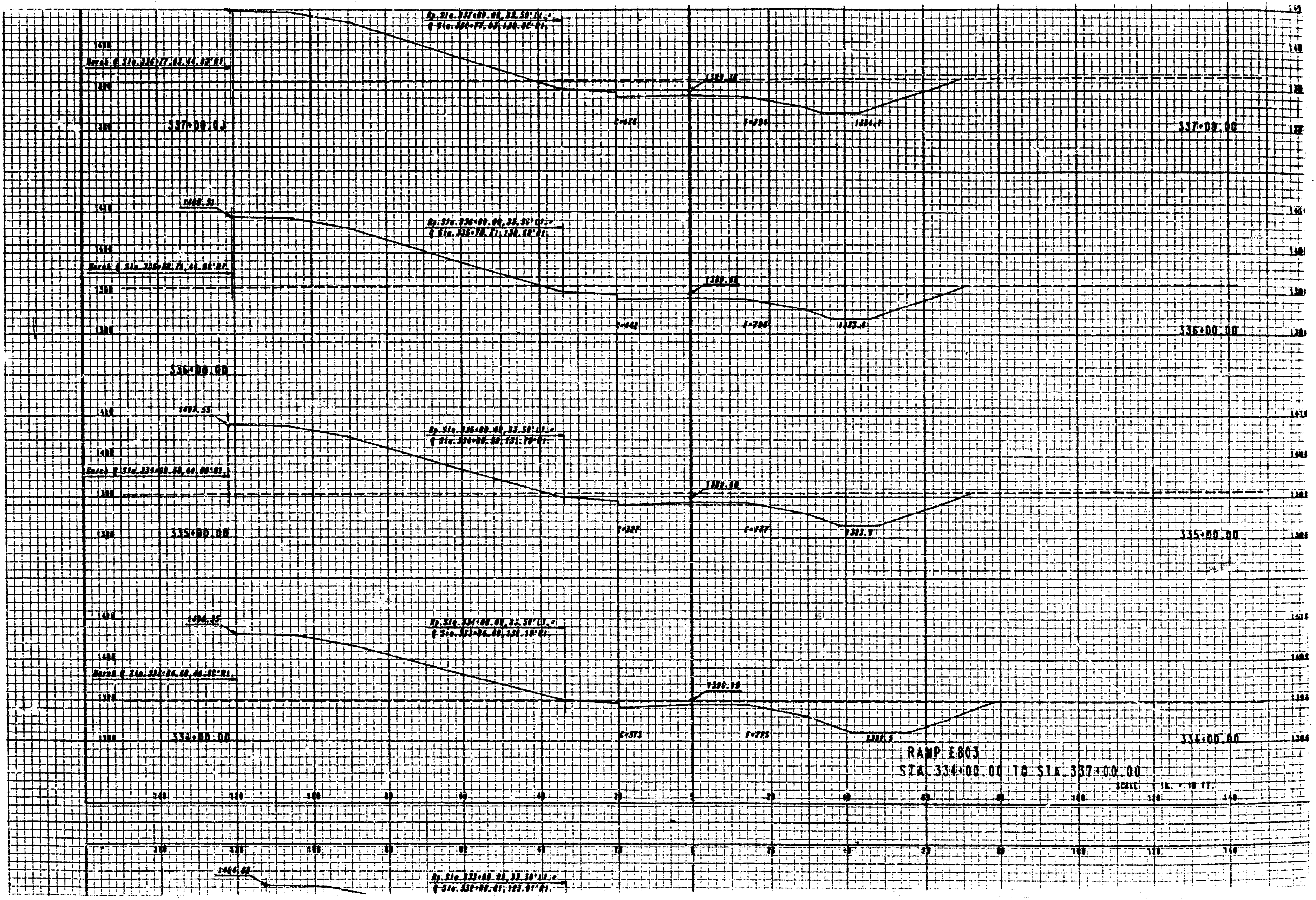


KILLARNEY PLAZA 3RD ADDITION
(Drainage)


327+00.00
326+00.00
325+00.00
324+00.00
RAMP E803
STA. 324+00.00 TO STA. 328+00.00
SCALE 1 IN. = 10 FT.
323+00.00


328+00.00
327+00.00
326+00.00
325+00.00


333+00.00
332+00.00
331+00.00
330+00.00
329+00.00
RAMP E803
STA. 329+00.00 TO STA. 333+00.00
SCALE 1 IN. = 10 FT.


337+00.00
336+00.00
335+00.00
334+00.00
RAMP E803
STA. 334+00.00 TO STA. 337+00.00
SCALE 1 IN. = 10 FT.