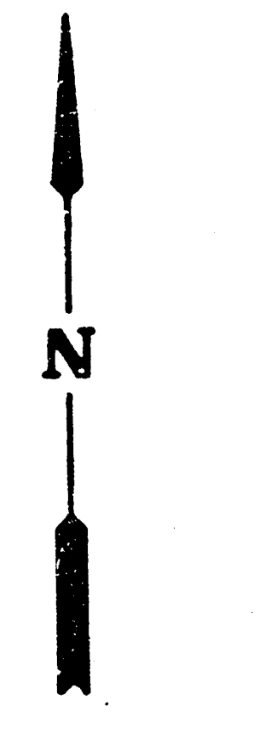
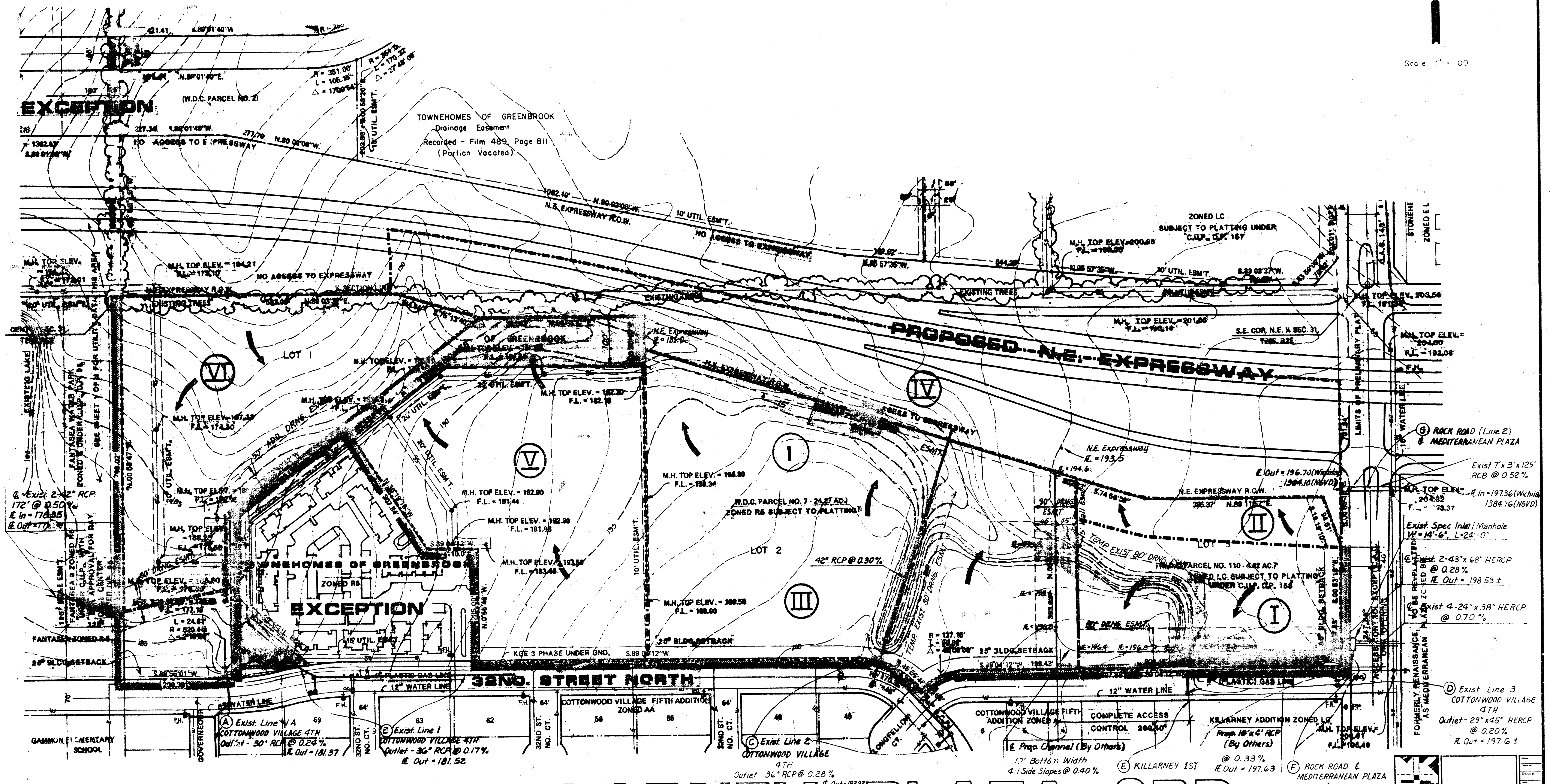
KILLARNEY PLAZA 3RD ADDITION
(Drainage)

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	8.9[illegible]		0.71	0.81	29 22	[illegible]	6.[illegible]	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.[illegible]		0.72	0.83	18 15	4.20	[illegible]	18.4	37.3			



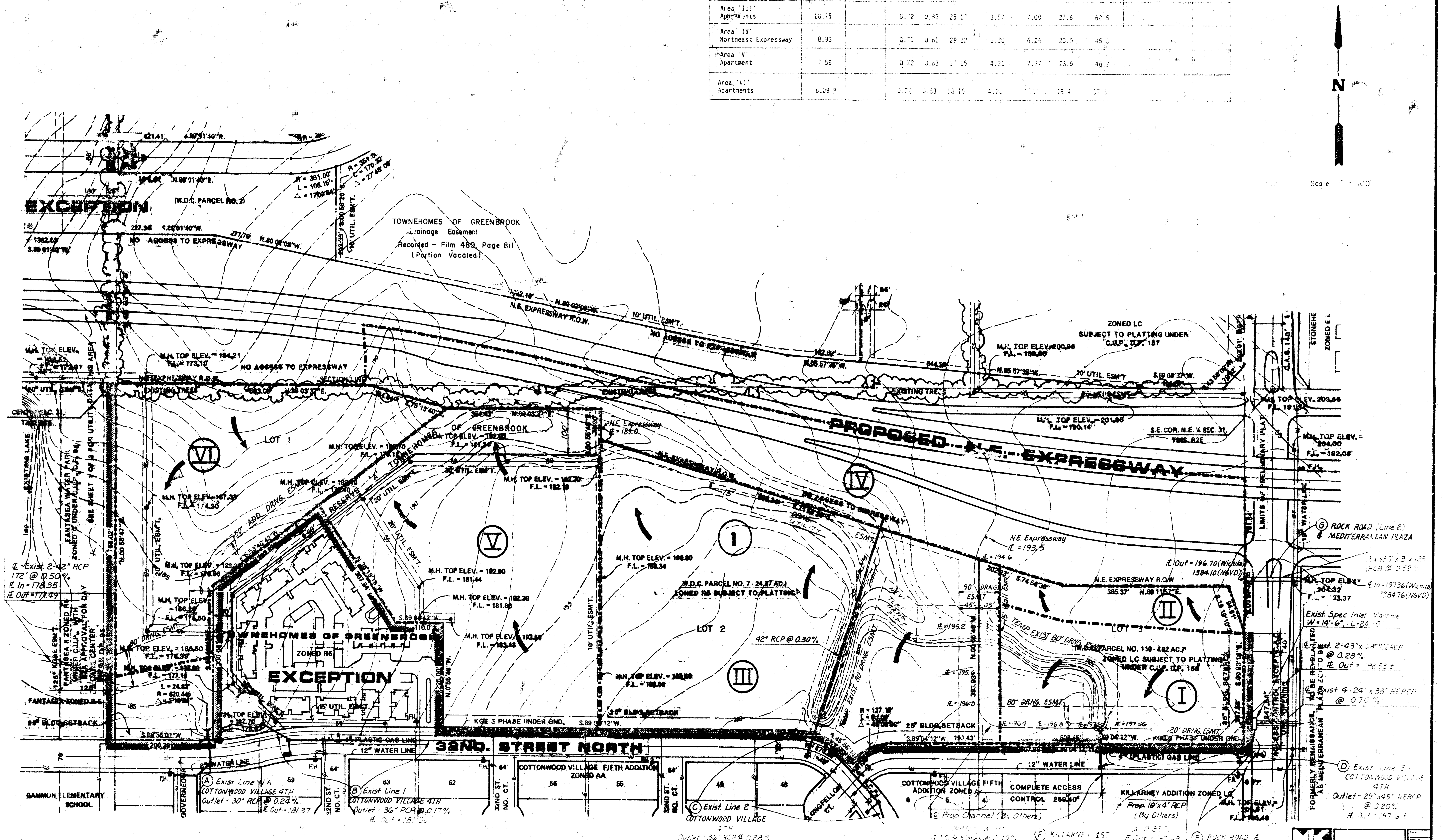
Scale 1" = 100'


EXCEPTION
421.41
S.89°01'40"W.
N.89°01'40"E.
(W.D.C. PARCEL NO. 2)
R = 351.00'
L = 105.15'
Δ = 17°09'54"
R = 351.00'
L = 170.32'
Δ = 27°48'06"
10' UTIL. ESM'T.
227.36
S.89°01'40"W.
277.70
N.80 02'06"W.
NO ACCESS TO EXPRESSWAY
1362.63'
S.89 01'36"W.
TOWNEHOMES OF GREENBROOK
Drainage Easement
Recorded - Film 489, Page 811
(Portion Vacated)
1062.10'
N.80 03'00"W.
N.E. EXPRESSWAY R.O.W.
10' UTIL. ESM'T.
NO ACCESS TO EXPRESSWAY
M.H. TOP ELEV. = 194.21
F.L. = 173.10
NO ACCESS TO EXPRESSWAY
N.E. EXPRESSWAY R.O.W.
½ SECTION LINE
EXISTING TREES
N.89 03'32"E.
S.75°13'40"E.
CENTER SEC. 31
EXISTING LAKE
FANTASEA WATER PARK ZONED R UNDER C.U.P. D.P. 96
SEE SHEET 1 OF 2 FOR UTILITY DATA
LOT 1
VI
M.H. TOP ELEV. = 187.32
F.L. = 174.30
50' ADD. DRNG. ESM'T.
20' UTIL. ESM'T.
OF GREENBROOK
N.E. Expressway
℄ = 185.0
M.H. TOP ELEV. = 192.30
F.L. = 182.18
20' UTIL. ESM'T.
V
M.H. TOP ELEV. = 192.90
F.L. = 181.44
M.H. TOP ELEV. = 192.30
F.L. = 181.86
M.H. TOP ELEV. = 193.56
F.L. = 183.46
N.36°19'18"W.
307.84'
S.39 04'12"W.
10.0'
TOWNEHOMES OF GREENBROOK
ZONED R6
EXCEPTION
15' UTIL. ESM'T.
N.0°56'48"W.
N.00 58'47"W.
℄ Exist. 2-42" RCP
172' @ 0.50%
℄ In = 178.85
℄ Out = 177.
M.H. TOP ELEV. = 186.22
F.L. = 176.50
30' DRNG. ESM'T.
F.L. = 177.10
L = 24.63'
R = 820.48
FANTASEA ZONED R-5
185
25' BLDG. SETBACK
S.89°56'01"W.
200.39
KGE 3 PHASE UNDER GND.
S.89 04'12"W.
32ND. STREET NORTH
4" PLASTIC GAS LINE
12" WATER LINE
8" WATER LINE
70'
F.H.
64'
GAMMON ELEMENTARY SCHOOL
GOVERNEOR
69
63
62
32ND ST. NO. CT.
COTTONWOOD VILLAGE FIFTH ADDITION ZONED AA
56
55
A Exist. Line 1A
COTTONWOOD VILLAGE 4TH
Outlet - 30" RCP @ 0.24%
℄ Out = 181.37
B Exist. Line 1
COTTONWOOD VILLAGE 4TH
Outlet - 36" RCP @ 0.17%
℄ Out = 181.52
182.62'
N.85 57'35"W.
944.29'
N.85 57'35"W.
EXISTING TREES
ZONED LC
SUBJECT TO PLATTING UNDER
C.U.P., D.P. 157
M.H. TOP ELEV. = 200.98
10' UTIL. ESM'T.
S.89 03'37"W.
M.H. TOP ELEV. = 201.86
F.L. = 190.14
S.E. COR. N.E. ¼ SEC. 31
T26S. R2E
PROPOSED N.E. EXPRESSWAY
M.H. TOP ELEV. = 203.56
M.H. TOP ELEV. = 204.00
F.L. = 192.08
F.H.
STONEHE
ZONED E L
LIMITS OF PRELIMINARY PLAT
10" WATER LINE
IV
NO ACCESS TO EXPRESSWAY
1
M.H. TOP ELEV. = 196.30
F.L. = 188.34
W.D.C. PARCEL NO. 7 - 24.37 AC.
ZONED R6 SUBJECT TO PLATTING
LOT 2
42" RCP @ 0.30%
III
M.H. TOP ELEV. = 189.50
F.L. = 188.00
25' BLDG. SETBACK
10' UTIL. ESM'T.
TEMP. EXIST. 80' DRNG. ESM'T.
R = 127.16'
25' BLDG. SETBACK
S.89°04'12"W. 188.43'
N.E. Expressway
℄ = 193.5
℄ = 194.6
S.74 56'38"E.
90' DRNG. ESM'T.
TEMP. EXIST. 80' DRNG. ESMT.
℄ Out = 196.70 (Wichita)
1384.10 (NGVD)
N.E. EXPRESSWAY R.O.W.
385.37'
N.89 11'57"E.
II
LOT 3
W.D.C. PARCEL NO. 110 - 4.82 AC.
ZONED LC SUBJECT TO PLATTING
UNDER C.U.P., D.P. 158
80' DRNG. ESM'T.
℄ = 196.4
℄ = 196.8
I
35' BLDG. SETBACK
S.00 53'18"E.
ACCESS CONTROL EXCEPT C.A.C. ONE OPENING
TO BE RE-PLATTED
FORMERLY RENAISSANCE, PLAT ZONED B
AS MEDITERRANEAN
12" WATER LINE
4" (PLASTIC) GAS LINE
COTTONWOOD VILLAGE FIFTH ADDITION ZONED AA
COMPLETE ACCESS CONTROL 280.40'
KILLARNEY ADDITION ZONED LC
M.H. TOP ELEV. = 204.61
F.L. = 196.49
LONGFELLOW CT.
48
46
6
5
C 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%
E KILLARNEY 1ST
Prop. 10'x4' RCP (By Others)
@ 0.33%
℄ Out = 197.63
F ROCK ROAD & MEDITERRANEAN PLAZA & MEDITERRANEAN PLAZA COMMERCIAL (Line 1)
G ROCK ROAD (Line 2) & MEDITERRANEAN PLAZA
Exist 7'x3'x125' RCB @ 0.52%
M.H. TOP ELEV. = 204.32
F.L. = 193.37
℄ In = 197.36 (Wichita)
1384.76 (NGVD)
Exist. Spec. Inlet / Manhole
W = 14'-6", L = 24'-0"
℄ Exist. 2-43"x68" HERCP
@ 0.28%
℄ Out = 198.53 ±
℄ Exist. 4-24"x38" HERCP
@ 0.70%
D Exist. Line 3
COTTONWOOD VILLAGE 4TH
Outlet - 29"x45" HERCP
@ 0.20%
℄ Out = 197.6 ±

DRAINAGE & UTILITY PLAN FOR KILLARNEY PLAZA 3RD.

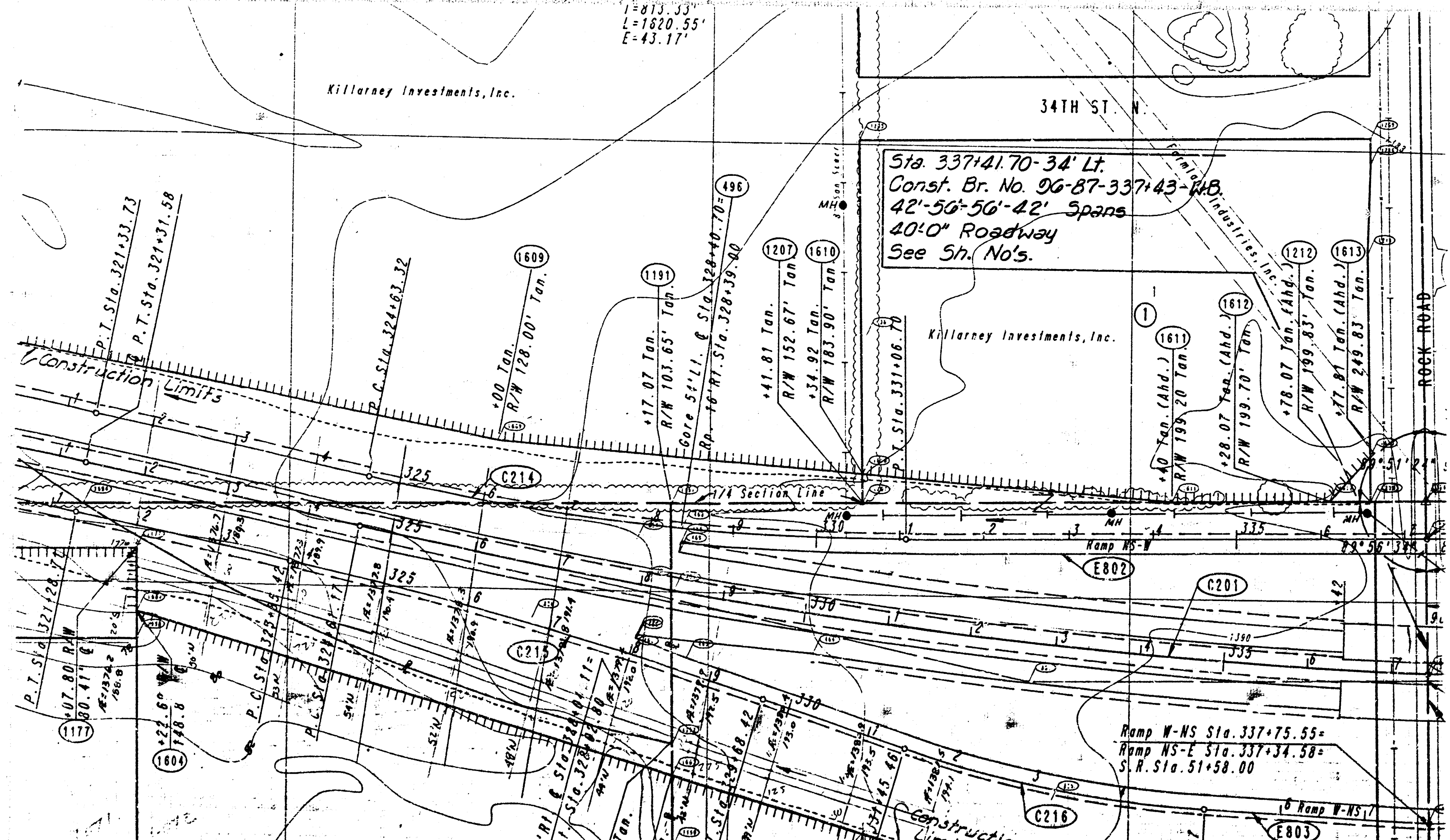
MID KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #BC 3
WICHITA, KANSAS 67226
682-6561

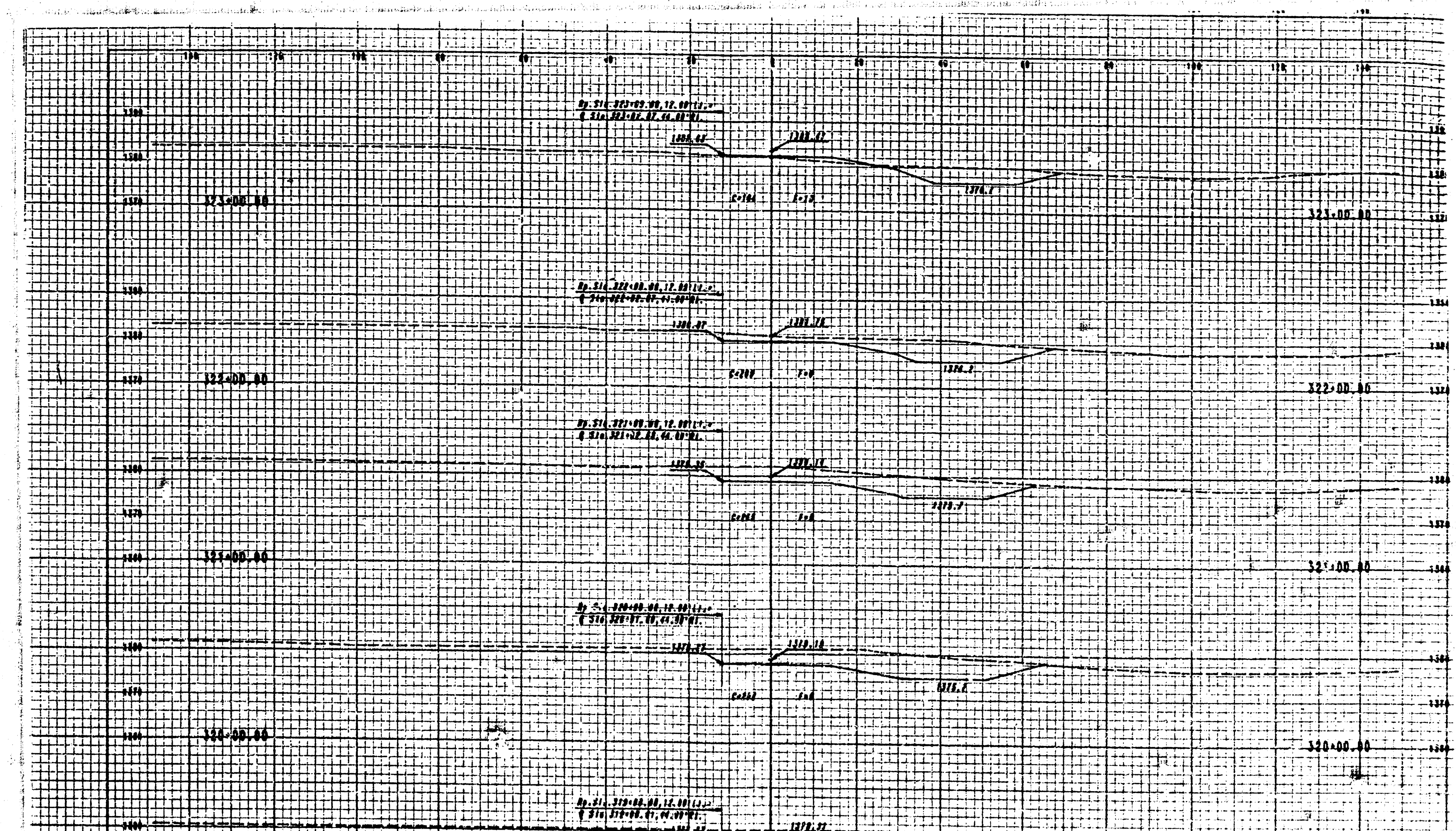
Drainage Area	AREA ACRES	AREA ACCUM.	C_5	C_{100}	T_c	I_5	I_{100}	Q_5	Q_{100}	Pipe Size	Pipe Slope	Inlet
Area 'I' Commercial - Hotel	3.40		0.86	0.91	15	4.56	7.37	13.3	22.8			
Area 'II' Commercial - Hotel	1.09		0.86	0.91	15	4.56	7.37	4.3	7.3			
Area 'III' Apartments	10.75		0.72	0.83	25 17	3.57	7.00	27.6	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	[illegible]	18.4	37.[illegible]			

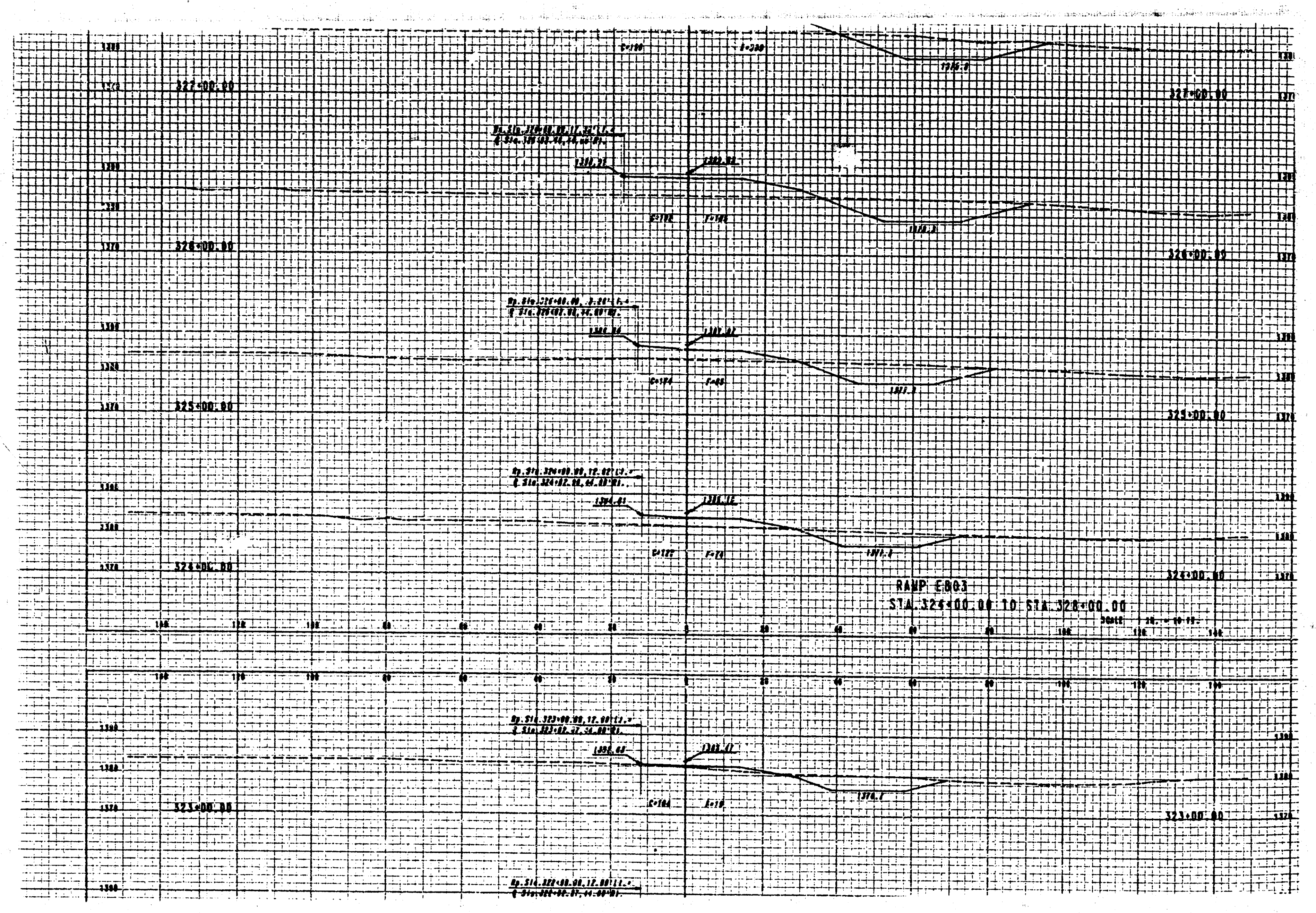

N
Scale 1" = 100'
EXCEPTION
W.D.C. PARCEL NO. 2
NO ACCESS TO EXPRESSWAY
TOWNEHOMES OF GREENBROOK
Drainage Easement
Recorded - Film 489, Page 811
(Portion Vacated)
N.E. EXPRESSWAY R.O.W.
10' UTIL. ESM'T.
ZONED LC
SUBJECT TO PLATTING UNDER
C.U.P. D.P. 157
EXISTING TREES
PROPOSED N.E. EXPRESSWAY
LOT 1
VI
V
IV
III
II
I
LOT 2
LOT 3
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
N.E. Expressway
N.E. EXPRESSWAY R.O.W.
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 260.40'
KILLARNEY ADDITION ZONED LC
GAMMON ELEMENTARY SCHOOL
LONGFELLOW CT.
32ND ST. NO. CT.
ROCK ROAD
FANTASEA WATER PARK
FANTASEA ZONED B
Exist. 2-42" RCP
172' @ 0.50%
Ⓐ Exist. Line 'A'
COTTONWOOD VILLAGE 4TH
Outlet - 30" RCP @ 0.24%
Ⓑ Exist. Line 1
COTTONWOOD VILLAGE 4TH
Outlet - 36" RCP @ 0.17%
Ⓒ 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'x4' RCP
(By Others)
@ 0.33%
℄ Out = 191.63
Ⓕ ROCK ROAD & MEDITERRANEAN PLAZA
& MEDITERRANEAN PLAZA COMMERCIAL (Line 1)
Ⓓ Exist. Line 3
COTTONWOOD VILLAGE 4TH
Outlet - 29"x45" HERCP
@ 0.20%
℄ Out = 197.6 ±
Ⓖ ROCK ROAD (Line 2)
& MEDITERRANEAN PLAZA
Exist. Spec. Inlet
Exist. 2-43"x68" HERCP
@ 0.28%
Exist. 4-24"x38" HERCP
@ 0.70%
FORMERLY RENAISSANCE, AS MEDITERRANEAN
LIMITS OF PRELIMINARY PLAT

DRAINAGE & UTILITY PLAN FOR KILLARNEY PLAZA 3RD.

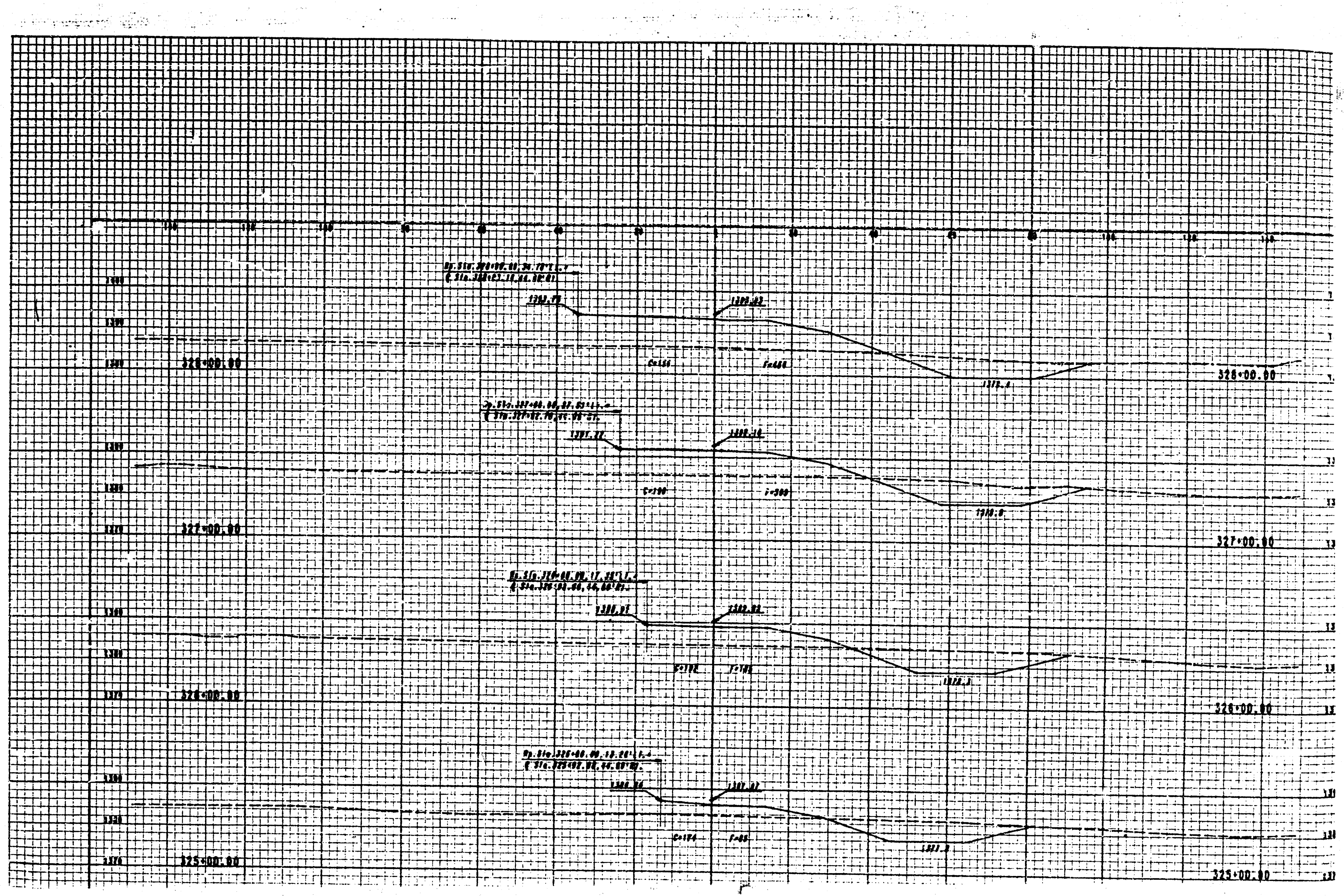
MKEC
MID KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING 800 3
WICHITA, KANSAS 67226
682-6361

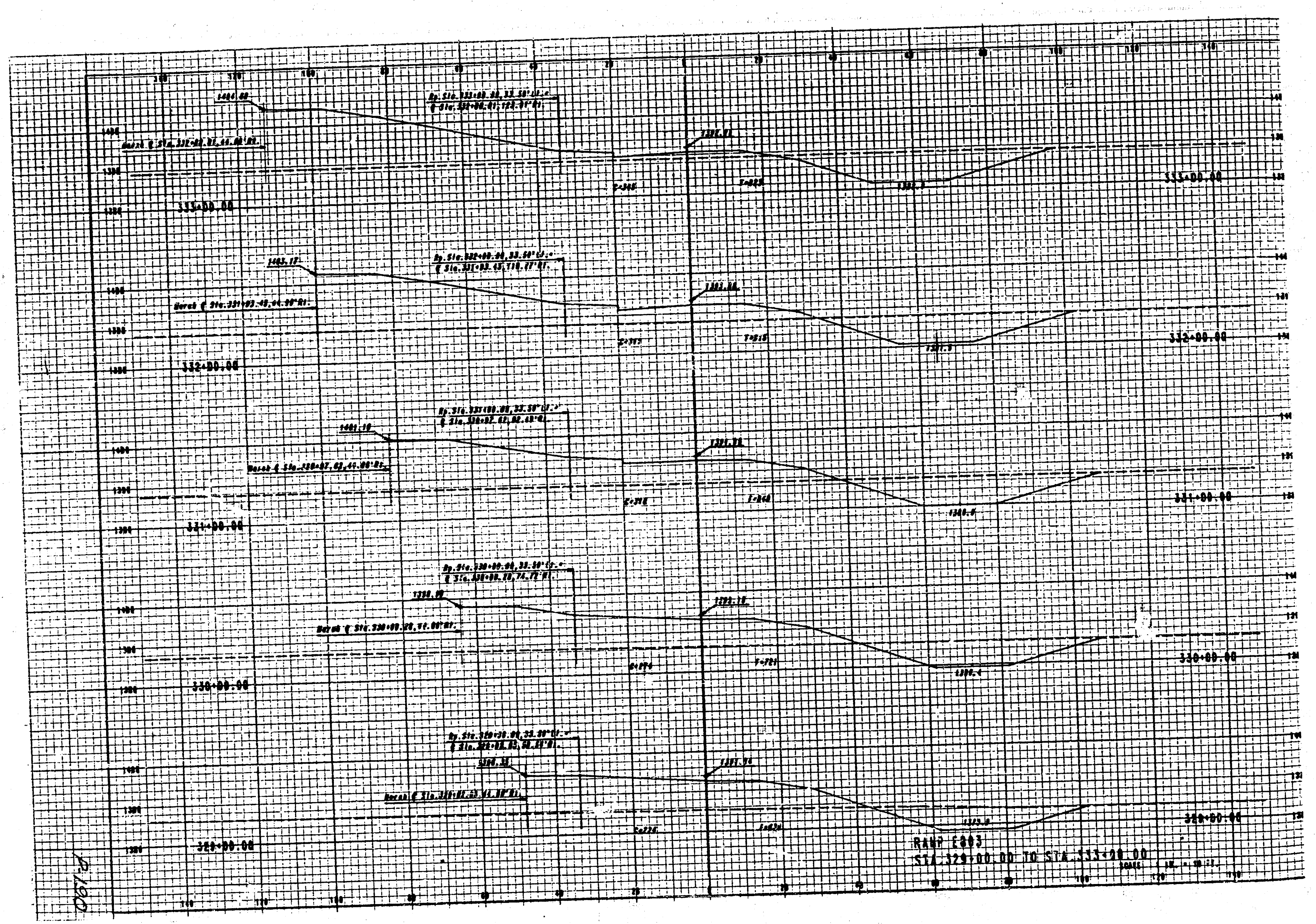

Killarney Investments, Inc.
34TH ST. N.
Sta. 337+41.70-34' Lt.
Const. Br. No. 96-87-337+43-01B
42'-56'-42' Spans
40'-0" Roadway
See Sh. No's.
Killarney Investments, Inc.
ROCK ROAD
Construction Limits
C214
C215
C201
C216
E802
E803
Ramp W-NS Sta. 337+75.55
Ramp NS-E Sta. 337+34.58
S.R. Sta. 51+58.00




327+00.00
326+00.00
325+00.00
324+00.00
323+00.00

RAMP E803
STA.324+00.00 TO STA.328+00.00
SCALE 1 IN. = 10 FT.


328+00.00
327+00.00
326+00.00
325+00.00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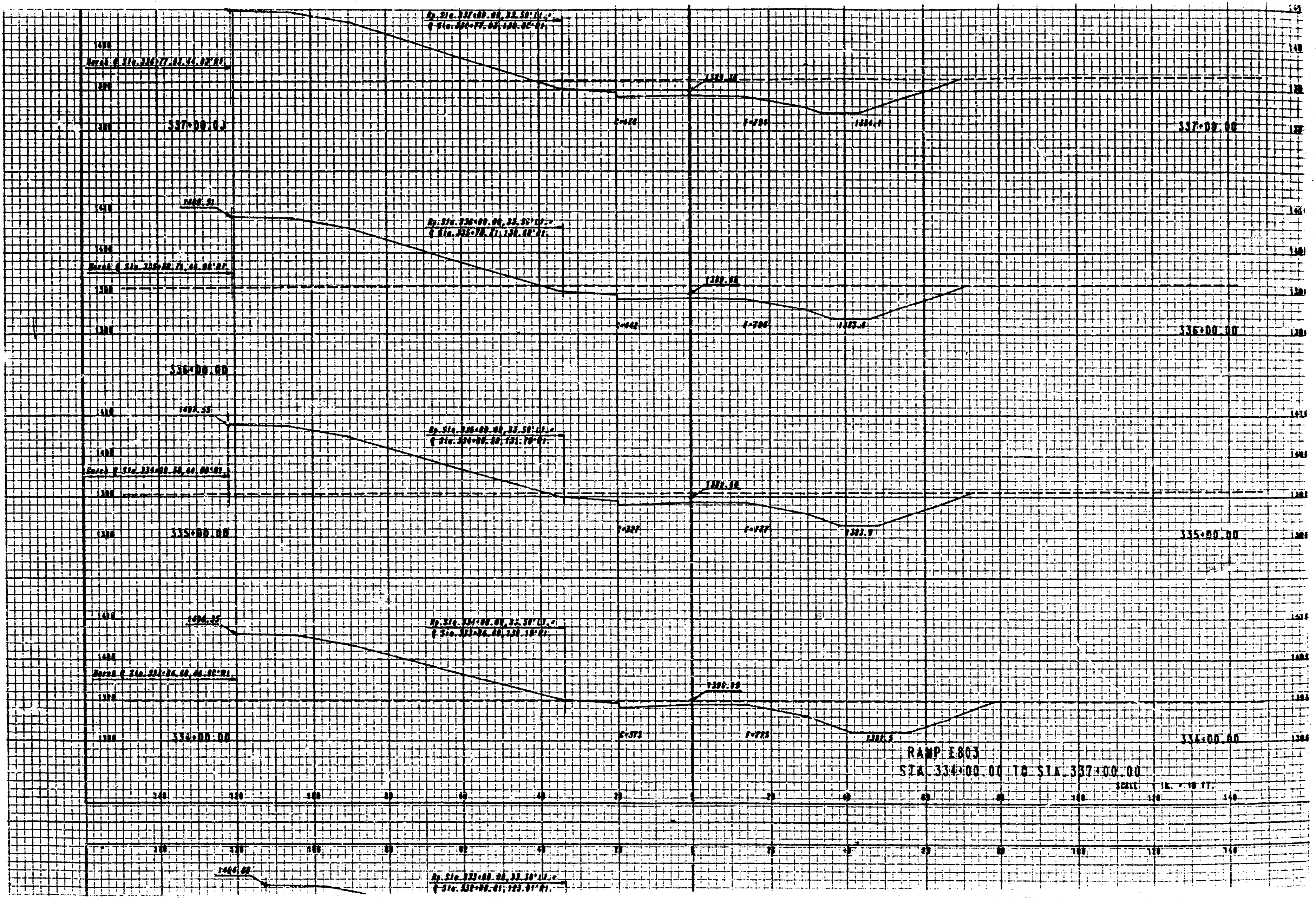
332+00.00
331+00.00
330+00.00
329+00.00
2150

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.