



Kenvirons, Inc.

452 Versailles Road • Frankfort, KY 40601 • Phone: (502) 695-4357 • Fax: (502) 695-4363

Civil & Environmental Engineering and Laboratory Services

April 28, 2010

Mr. Jeff Derouen, Executive Director
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

APR 29 2010

**PUBLIC SERVICE
COMMISSION**

RE: Warrior Path Water Line Extension
Knox County Utility Commission
Case No. 2010-00137

Dear Mr. Derouen:

The following information supplements the information previously submitted on the above referenced case.

1. Knox County Utility Commission is proposing to use the 2-inch distribution instead of a larger line for the following reasons:
 - A. There will only be a total of three users on the line and the operating pressure is more than adequate to serve their peak demand.
 - B. There will initially only be one user on the line until the other lots are developed and the smaller line will provide fresher water.
 - C. Since the majority of the distribution extension is being paid for by the user, the cost is being minimized and 2-inch line is slightly cheaper than 3-inch.
2. Attached are copies of the topographic maps depicting the kypipe hydraulic model.

Should you have any questions please call.

Sincerely,

Kenneth D. Taylor, P.E.
Associate

KDT/pmw

Attachments

C: KCUC



FOUNT

50

351 47'30"

52

53

2 530 000 FEET

54

W21M

MATCH



ARTEMUS

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

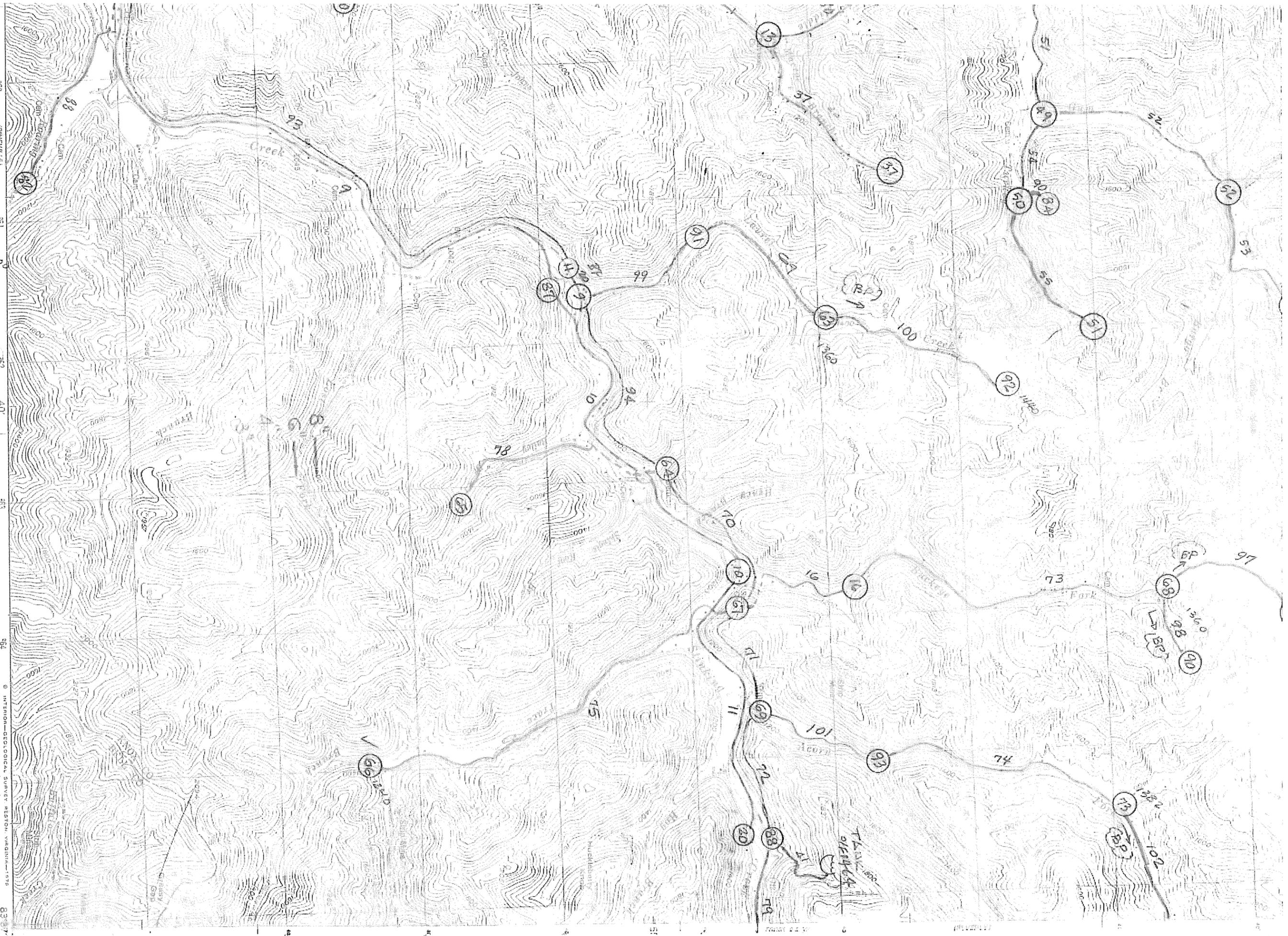
309

310

311

312

313



SCALE 1:24 000



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC DATUM OF 1929

ROAD CLASSIFICATION

- Primary highway, hard surface
- Secondary highway, hard surface
- Interstate Route
- U S Route
- State Route
- Light-duty road, hard or improved surface
- Unimproved road

SCALE, KY.

