

7/17/96 12:00
WPI 8/26/96
late PM 7:20
Callie (9:00)
9/27/96
House connection

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57028 A
A 49017

DISTRICT _____

DATE 7-17-96

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

DATE SYSTEM APPROVED 9/27/96

461-9933 313-2640

INDEXED

INSPECTOR AW

WTC III Plumbing & Heating IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 1820 Gillis Falls Road, Woodbine, MD 21797 PHONE 410-489-4457

SUBDIVISION West Friendship Estates LOT 5 ROAD 3116 Fox Valley Drive

PROPERTY OWNER Dorsey Builders / Carol Weymer PAK

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS *Septic System to be installed prior to the building permit.*

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 150' down the left lot line and 10' off this same lot line as seen when facing the lot from Fox Valley Drive. Run trenches along contour towards the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APPROVED BY Mark Rifkin REVISED _____ DATE 7/11/96 vr/

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

BUILDING PERMIT SIGNED AND RETURNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) 1/16/2003 800139993 DECK

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

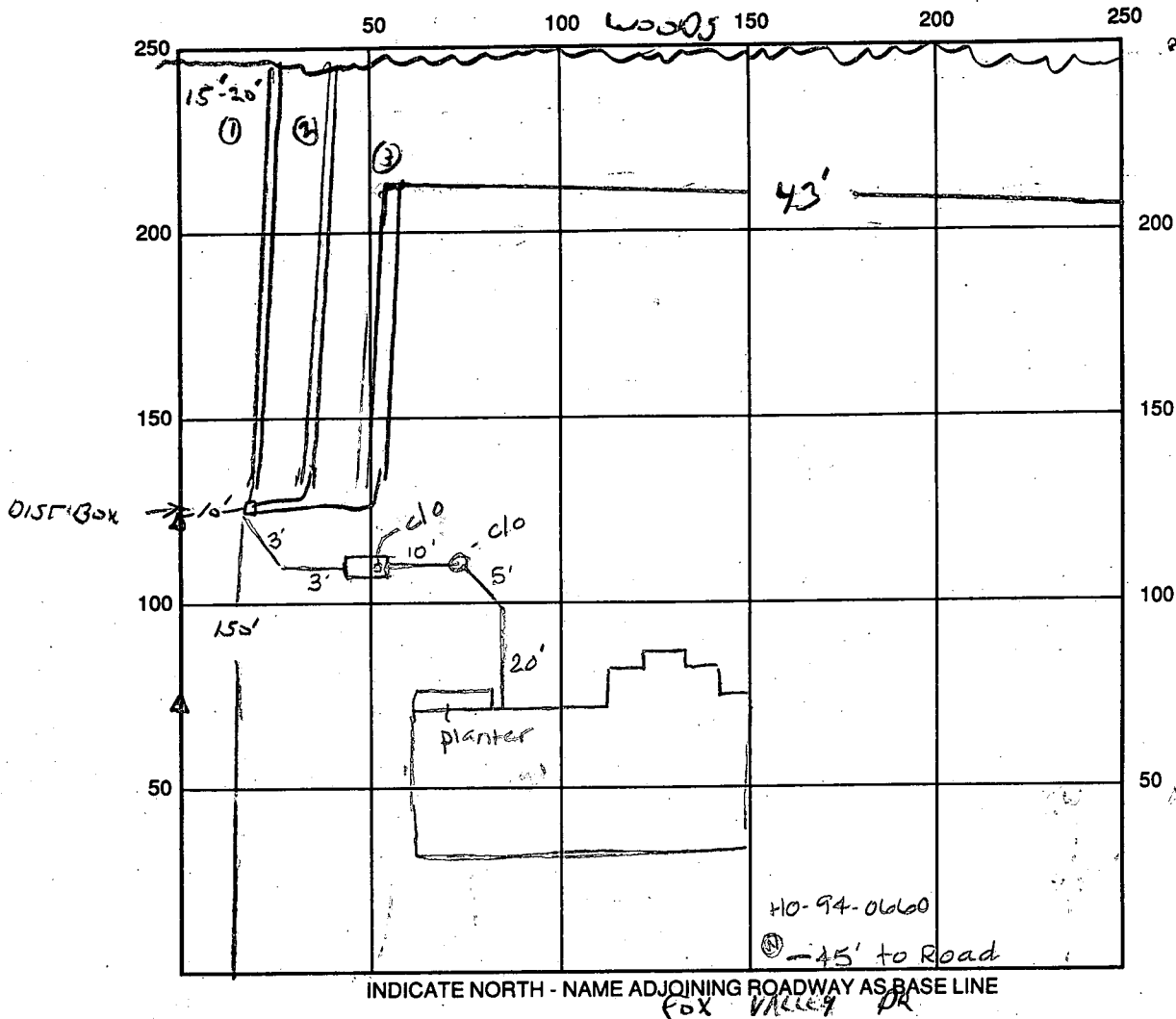
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

A
49017

NO PROP MARKERS IN REAR OF LOT



NOT TO SCALE

37
13
10!

SEPTIC TANK LEVEL TANK NOT SET CLEANOUTS both clo are OK

DISTRIBUTION BOX LEVEL OK, DAPPLE IN

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{1}{20} | \frac{2}{100} | \frac{3}{80}$ FT. = 280

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

290
13
400

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

MISSOURI STATE BOARD OF PROFESSIONAL ENGINEERS

REMARKS: 7/16/96 9' TO 11' BETWEEN TRENCHES, 35% Stone
1"-5" DIAMETER, IN SOIL (AVERAGE), OK TO COVER TRENCHES
+BOX, TANK + HOUSE CONNECTION REQUIRED FOR FINAL. At
9/27/96 OK to cover all work final All

DATE SYSTEM APPROVED 9/27/96 INSPECTOR Amos McMillan

APPLICATION

PERCOLATION TESTING

EEC

A 49017
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____
DATE 3/5/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Dorsey Builders, Inc
13090 Old Frederick Rd.
ADDRESS Sykesville, Md 21784 PHONE _____

AGENT OR PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION: _____
SUBDIVISION W FRSH P I LOT NO. 6 *2 holes needed 1/25/93*
ROAD AND DESCRIPTION HORD FARM (3116 Fox Valley Drive)

TAX MAP _____ PARCEL # _____
SIZE OF LOT _____ TYPE BLDG. BLDG. PERMIT SIGNED AND RETURNED 7/23/96
Smith Bldg 0105 SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL) *4/93*

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A49017

LOT #6

COUNTY #

SOIL PROFILE

HOLE ①

0' to 3'
CLAY

3' to 8'-10"
95% LOAM
5% sandstone
SOLID

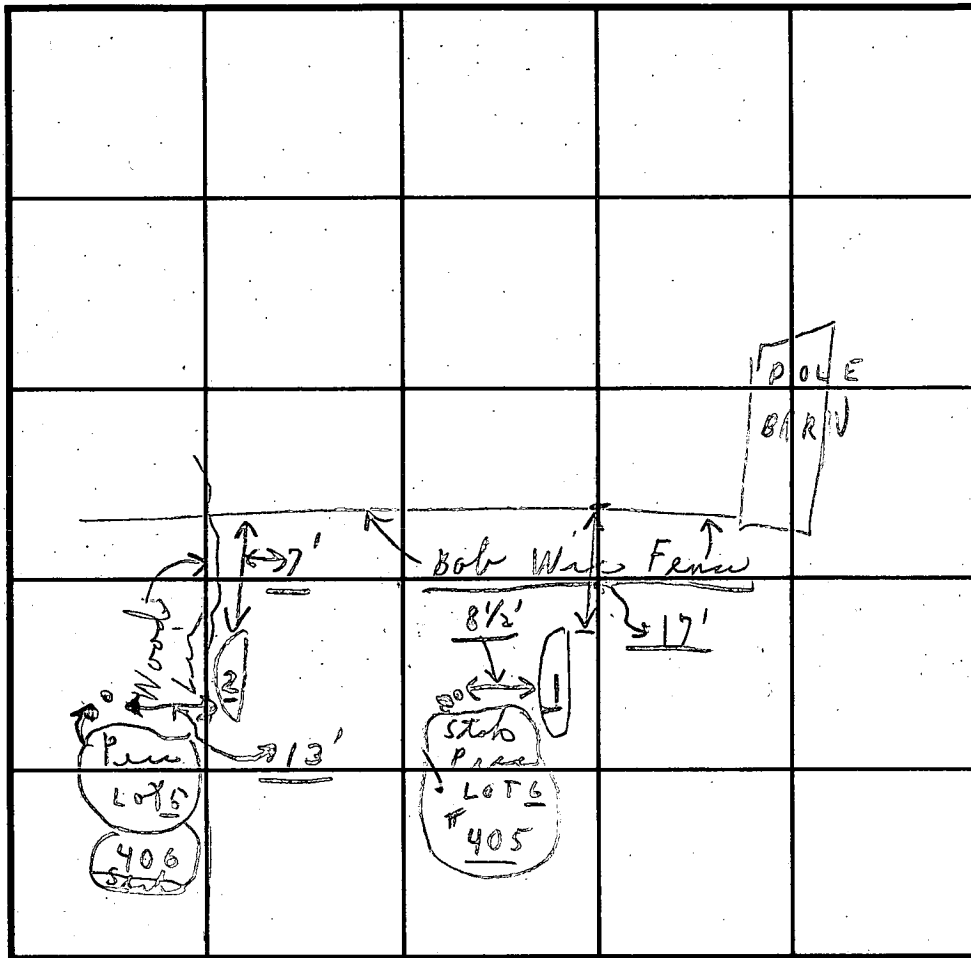
HOLE # ②

0' to 4'
CLAY

4' to 11'-8"
60% LOAM
40% Rotten sandstone
DRY

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/25/93	① #405	3'	3:12	3:14	3:14	3:19	5m
		8'-10"	SOLID	95% LOAM	5%	90% sandstone	
	② #406	4'	3:15	3:17	3:17	3:21	4m
		11'-8"	60% LOAM	(7')	40% Rotten sandstone		
(2) HOLES ONLY							

REMARKS 1/25 Tests near Bob Wick Fence
 TYPE OF SOIL Sandy loam below clay
 TESTED BY C.B.V. ALSO PRESENT O.K. Jr + associated
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM
 SHALLOW 3' wide depth 3'
 2' catch

APPLICATION

PERCOLATION TESTING

A 46966
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____
DATE 4/4/91

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PERCONTEE, INC.

ADDRESS 11900 TECH RD. SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION IVORY HILL PROPERTY LOT NO 3

ROAD AND DESCRIPTION IVORY RD. E RT. 32, SOUTH OF RT. 70

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- TYPE BLDG SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

John C. Reuwer
(SIGNATURE OF APPLICANT)
FOR PERCONTEE, INC.

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE

SOIL PROFILE

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

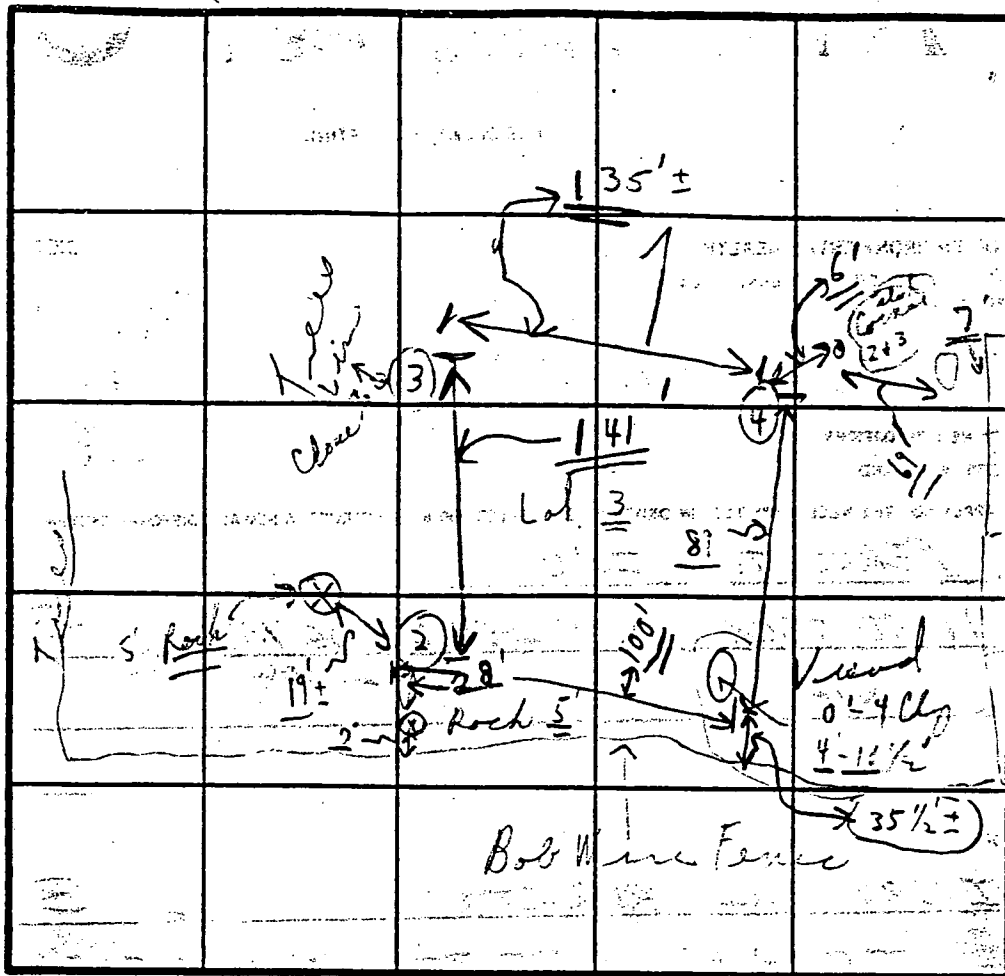
16

17

18

19

20



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/23/71	1	1'	:	:	:	:	
Two	1	1'	0'	-'	Clay red soil		
	2	4'	11:47	11:49	11:49	11:52	3m
	3	2 1/2'	0'	-'	Clay brown		
	2	4'	11:40	11:42	11:42	11:44	
	3	10'	0'	-'	Clay brown	40% soil Sand	11:44
	4	4'	11:39	:	:	11:44	
	5	10'	0'	-'	Clay brown	to solid sand	

REMARKS

Tests in field

TYPE OF SOIL

TESTED BY

C. K.

ALSO PRESENT

(2/0 Kettering)

APPLICATION

(Not used)

PERCOLATION TESTING

A 46945

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE 4/4/91

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER PERCONTEE, INC.

ADDRESS 11900 TECH RD. SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: West Friendship Est.

SUBDIVISION IVORY HILL PROPERTY LOT NO. 2

ROAD AND DESCRIPTION IVORY RD. E RT. 32, SOUTH OF RT. 70

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- TYPE BLDG SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

John C. Reuwer
(SIGNATURE OF APPLICANT)
FOR PERCONTEE, INC.

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

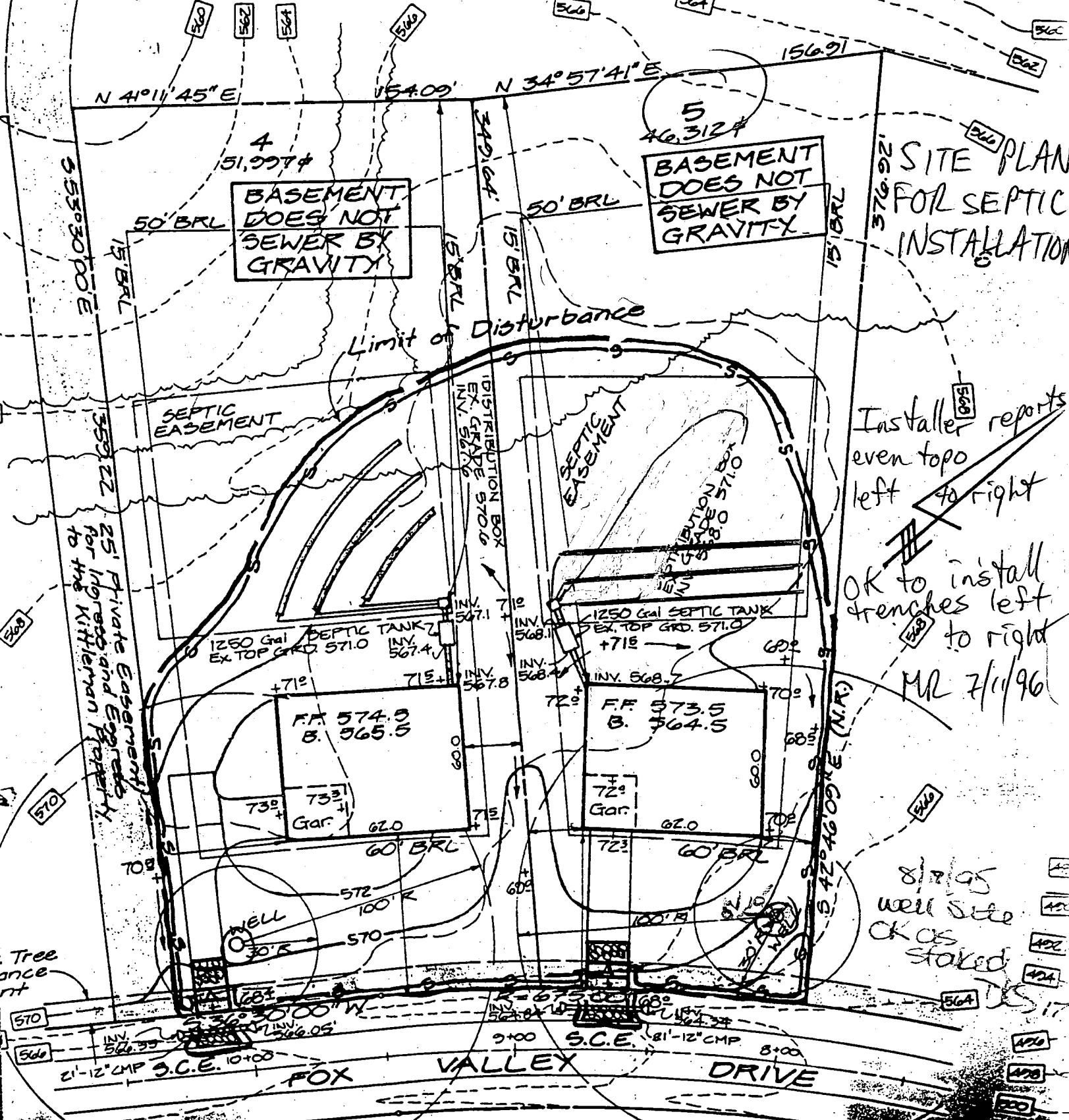
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

THIS IS NOT A PERMIT

PRESERVATION
PARCEL "A"



SITE PLAN
FOR SEPTIC
INSTALLATION

Installer reports
even topo
left to right

OK to install
trenches left
to right
ML 7/1/96

8/1/95
well site
OK as
staked

BASEMENT
DOES NOT
SEWER BY
GRAVITY

BASEMENT
DOES NOT
SEWER BY
GRAVITY

Limit of Disturbance

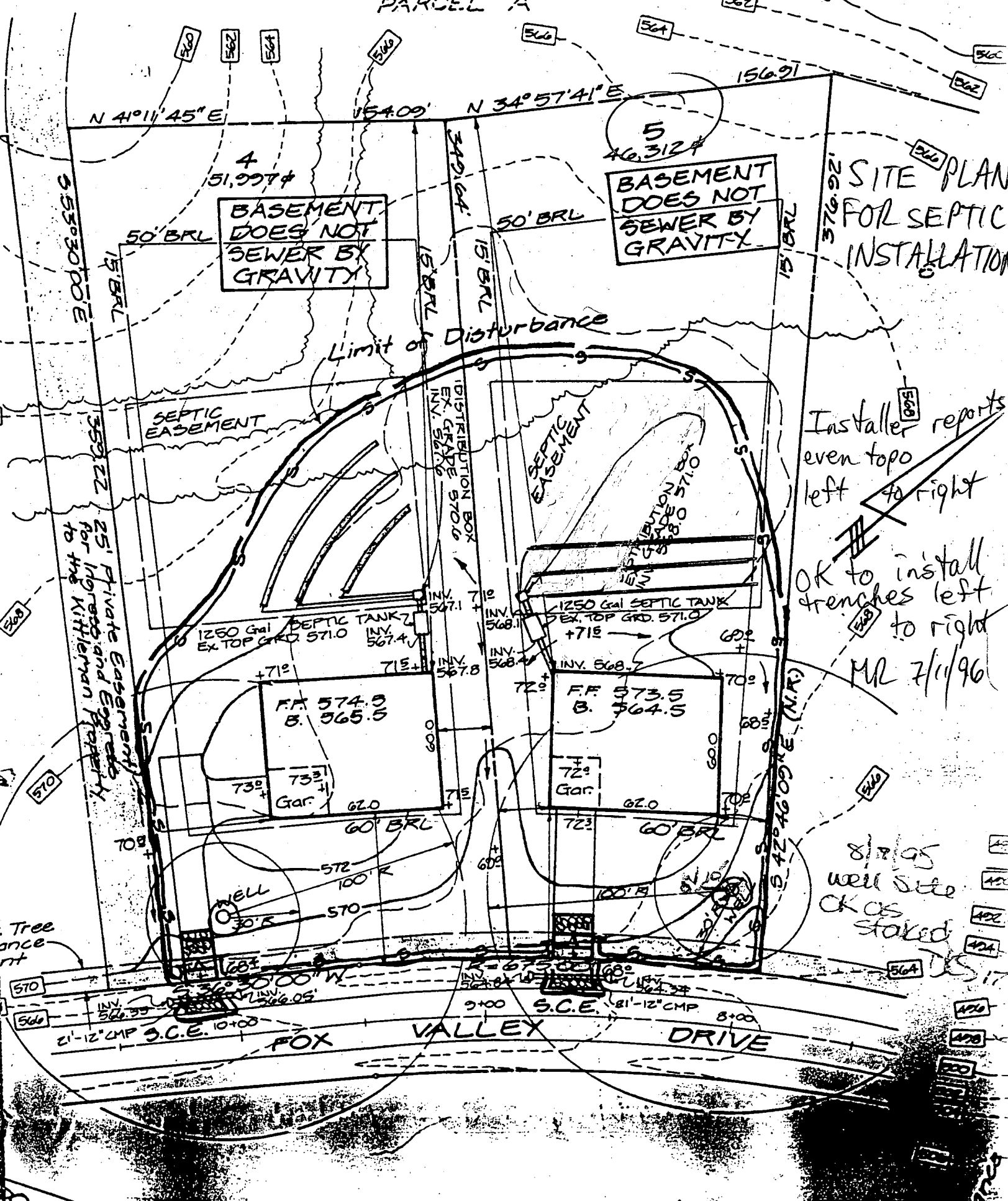
SEPTIC
EASEMENT

SEPTIC
EASEMENT

25' Private Easement
for the Kittleman Property

Tree
Easement

FOX VALLEY DRIVE



SHEET 2

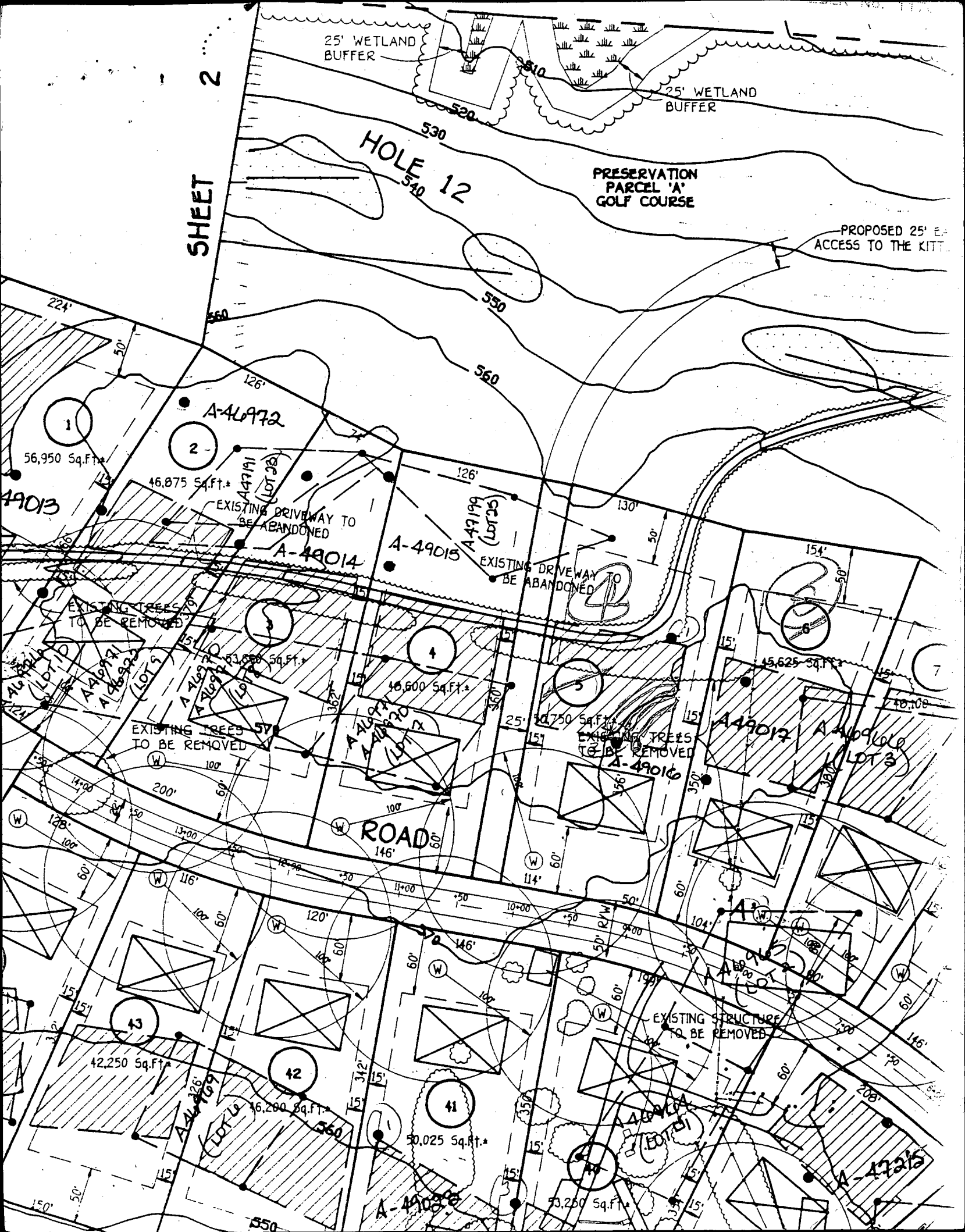
25' WETLAND BUFFER

25' WETLAND BUFFER

HOLE 12

PRESERVATION PARCEL 'A' GOLF COURSE

PROPOSED 25' E.A. ACCESS TO THE KITTI



56,950 Sq.Ft.

46,875 Sq.Ft.

40,600 Sq.Ft.

30,750 Sq.Ft.

45,625 Sq.Ft.

42,250 Sq.Ft.

46,280 Sq.Ft.

50,025 Sq.Ft.

53,250 Sq.Ft.

EXISTING DRIVEWAY TO BE ABANDONED

EXISTING DRIVEWAY TO BE ABANDONED

EXISTING TREES TO BE REMOVED

EXISTING TREES TO BE REMOVED

EXISTING TREES TO BE REMOVED

EXISTING STRUCTURE TO BE REMOVED

ROAD

ROAD

224'

126'

126'

130'

154'

128'

116'

120'

146'

146'

146'

146'

146'

146'

146'

150'

550

550

550

550

550

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

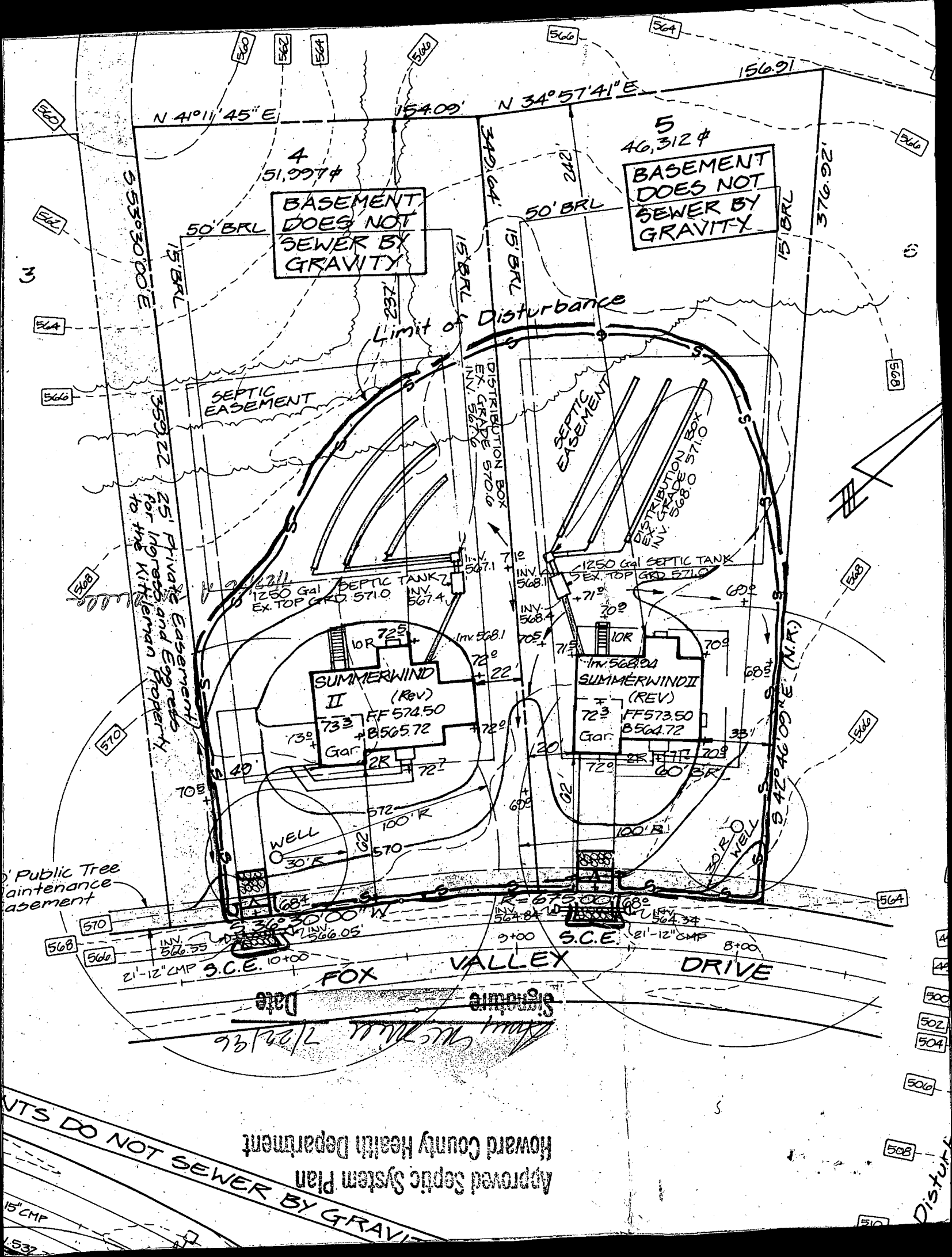
304

305

TOP

2-5
CLAY

MICA SAND



N 4°11'45" E 154.09' N 34°57'41" E 156.91'

4
51,997 #
BASEMENT DOES NOT SEWER BY GRAVITY

5
46,312 #
BASEMENT DOES NOT SEWER BY GRAVITY

Limit of Disturbance

SEPTIC EASEMENT

SEPTIC EASEMENT

25' Private Easement for the Increase and Egress to the Kitzelman Property

1250 Gal SEPTIC TANK
INV. 567.4
EX. TOP GRD. 571.0

1250 Gal SEPTIC TANK
EX. TOP GRD. 571.0

SUMMERWIND II (REV)
FF 574.50
B 565.72
Gar.

SUMMERWIND II (REV)
FF 573.50
B 564.72
Gar.

WELL
30' R

WELL
30' R

Public Tree Maintenance Easement

21'-12" CMP S.C.E. 10+00
FOX VALLEY DRIVE
S.C.E. 21'-12" CMP 8+00

Date Signature

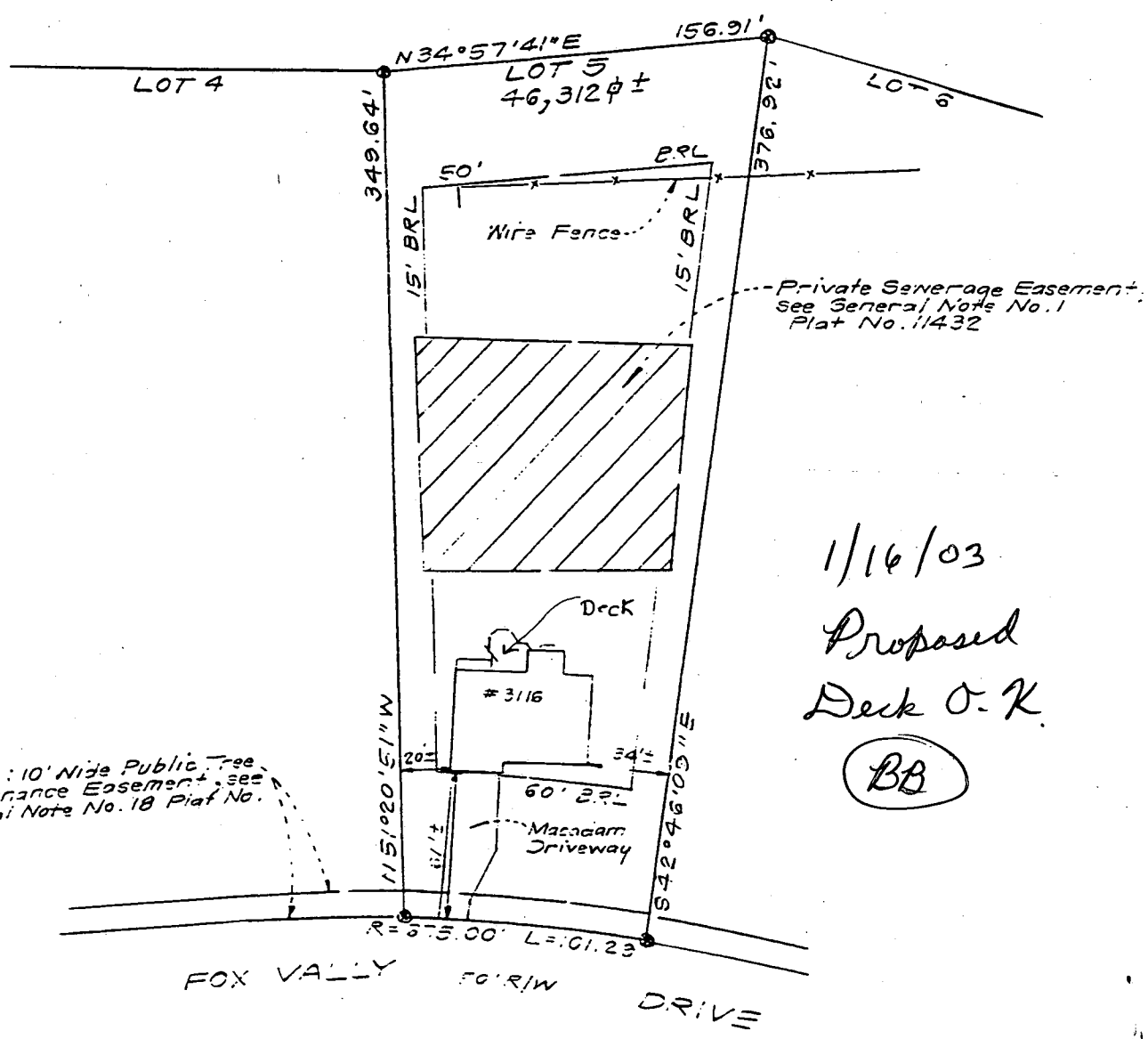
Michael L. [Signature] 7/22/96

Approved Septic System Plan
Howard County Health Department
DO NOT SEWER BY GRAVITY

Disturb

PAK

Location Survey



NOTE: 10' Wide Public Tree Maintenance Easement, see General Note No. 18 Plat No. 11432

1/16/03
Proposed
Deck O.K.
BB