

LAYOUT 5/6/03 12:30 INSP 4 11Am 8/13/03  
 INSP 2 5/7/03 INSP 5 2pm 8/13/03  
 INSP 3 5/20/02 2PM INSP 6 \_\_\_\_\_

ISSUE DATE: 5/5/03  
 APPROVAL DATE: 8/13/03

**PERMIT  
INDEXED**

P 518953  
 A 511444-R

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

**03 - ~~534066~~ 335054**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: THE ESTATES AT SANDHILL LOT NUMBER: 65

ADDRESS: 1205 MARGARET COURT PROPERTY OWNER: OAK HILL PROPERTIES

SEPTIC TANK CAPACITY (GALLONS): 1500<sup>1250</sup> OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 130

*PUBLIC WATER*

TRENCHES:	Trench to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place distribution box 80 feet off rear lot line and approximately 27 feet off the right lot line (facing lot from the street). Run 2 - 65 foot trenches on contour.
NOTES:	Gravity Basement Service NOT proposed.

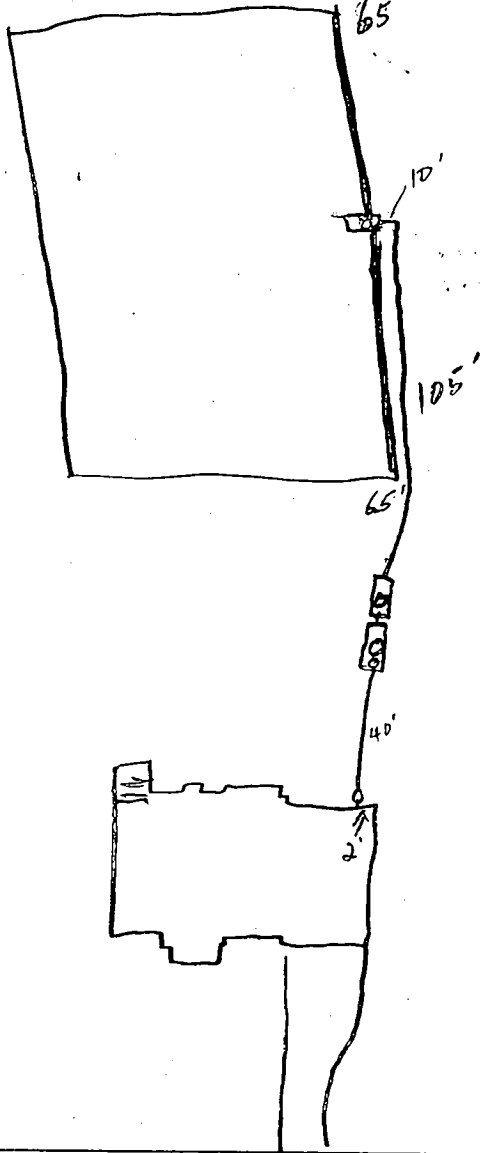
PLANS APPROVED: Kacie Noonan <sup>OK</sup> KN DATE: 3/20/2003

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT BUILDING PERMIT SIGNED 0-313-2640 FOR INSPECTION OF SEPTIC SYSTEM AND RETURNED 3-10-04 600146700- DECK**

A511444-R

NOT TO SCALE



Margaret CT

ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		130'
ABSORPTION AREA		520 $\phi$
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST <input checked="" type="checkbox"/>	
SEPTIC TANK 2 LEVEL <input checked="" type="checkbox"/>	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1.5'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	<input checked="" type="checkbox"/>
WATERTIGHT TEST <input checked="" type="checkbox"/>	

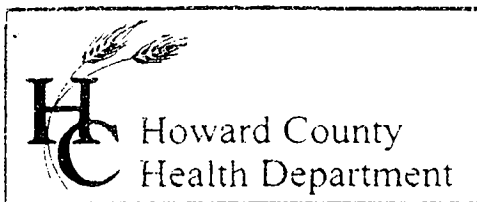
PRE-CONSTRUCTION 5/6/03 SRA stated contours appear accurate. Contractor think he can get system on gravity. Trenches per BP. (SO)

INSTALLATION 5/7/03 Tanks set, 2 trenches installed (SO)  
 5/7/03 OK to cover all work. Pump & Alarms tests needed (SO) 8/12/03 Not Ready (SO) 8/13/03 Pump & Alarm tests OK (SO)

FINAL INSPECTOR

DATE OF APPROVAL 8/13/03

RECEIVED AND RETURNED TO THE OFFICE OF THE ENGINEER



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

August 21, 2003

Oak Hill Properties, LLC  
107 Loudoun Street, SE  
Leesburg, VA. 20175-3106

**SENT VIA FAX TO 410-489-7079**

RE: The Estates @ Sand Hill, Lot # 65  
12005 Margaret Court  
BP# B00140225  
**PUBLIC WATER**

Dear Sir/Madam:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 8/13/2003.**

The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority,

Steven R. Krieg  
Registered Environmental Sanitarian  
Well & Septic Program

sjn

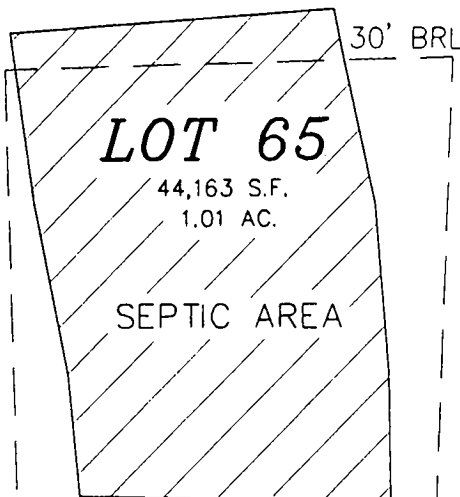
cc: Building Inspector's Office  
File

LOT 63

LOT 62

LOT 61

S 88°31'56" W 138.74'



LOT 64

LOT 66

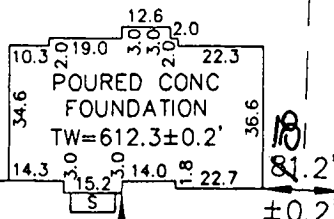
S 01°42'11" E 345.05'

10' BRL

10' BRL

S 02°01'28" W 349.98'

*4/30/03*  
*Wall Check*  
*OK*  
*KN*



34.9'

±0.2'

±0.2'

50' BRL

81.2'±0.2'

10' PUBLIC TREE MAINT. ESMNT.

PUBLIC WATER, DRAINAGE & UTILITY EASEMENT

R=1 320.00 L=85.87' N 87°58'32" W 30.24'

### MARGARET COURT

LOT 65

## THE ESTATES AT SAND HILL

PLAT NO. 14585

ELECTION DISTRICT NO. 3

HOWARD COUNTY, MARYLAND

TOP OF WALL ELEV.= 612.3±0.2'  
ADDRESS.: 12005 MARGARET COURT

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

# MILDENBERG BOENDER, & ASSOC., INC.

Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax.



JOHN MILDENBERG  
PROF. LAND SURVEYOR  
MARYLAND No. 10718

FOUNDATION

DATE:  
04/10/03

FINAL

DATE:

DRAWN BY:

M.E.S.

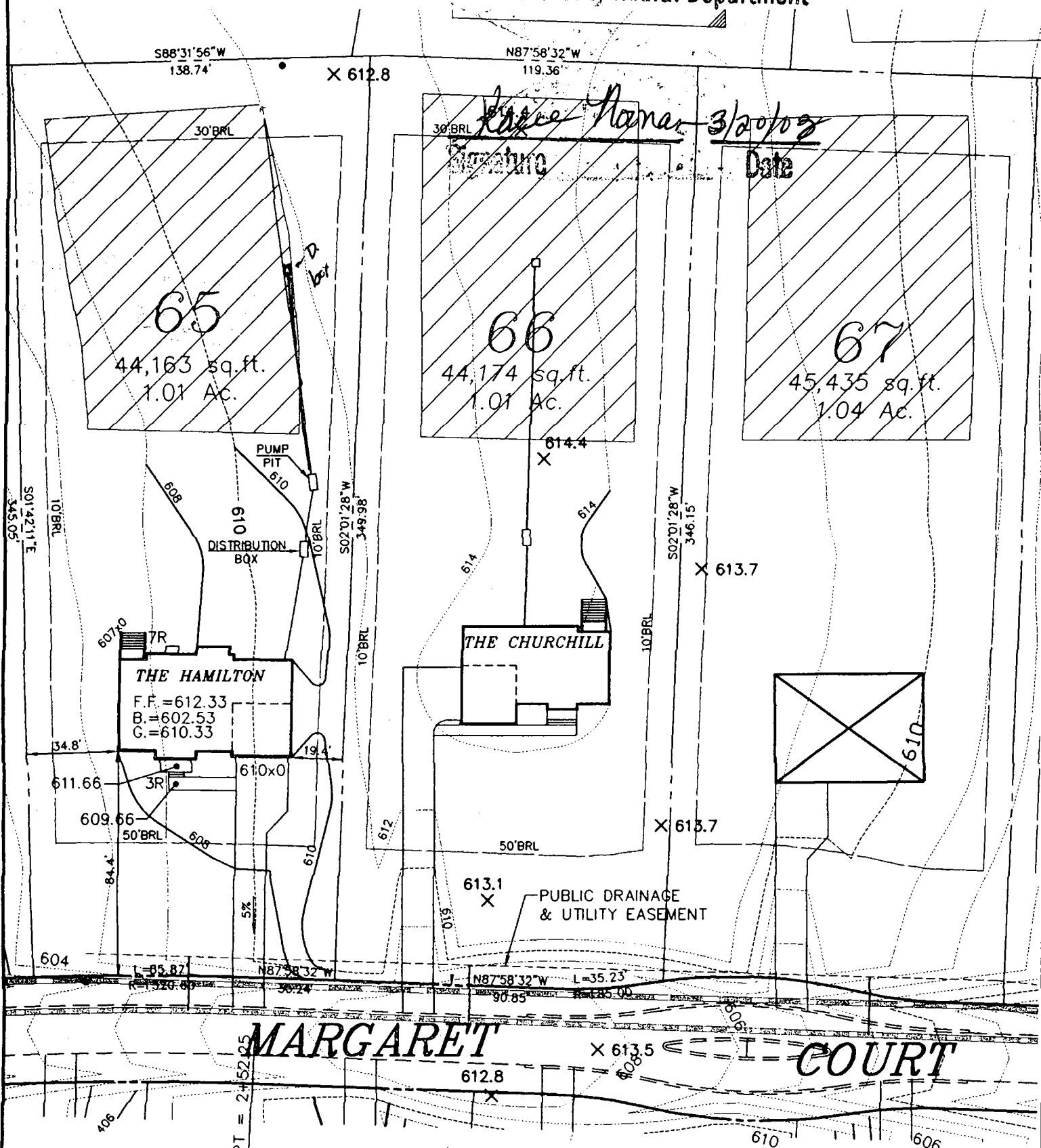
SCALE:

1" = 50'

PROJECT NO.: 2000-064

LOCATION DRAWING

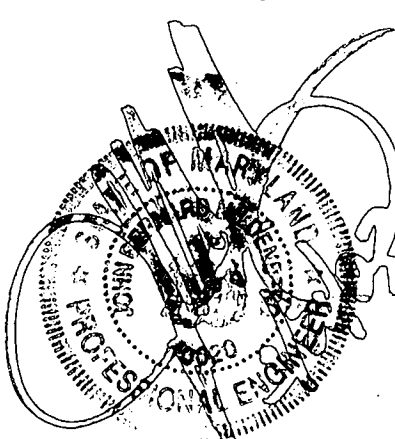
Approved Septic System Plan  
 Howard County Health Department



*Kate Hanna* 3/20/03  
 Signature Date

- FIRST FLOOR EL. = 612.33
- INV. OUT OF HOUSE = 607.50
- INV. IN SEPTIC TANK = 606.70
- INV. OUT OF SEPTIC TANK = 606.45
- EXIST. EL. AT SEPTIC TANK = 611.00
- PROP. EL. AT SEPTIC TANK = 610.00
- INV. AT PUMP PIT = 606.05
- INV. IN DIST. BOX = 608.00
- EXIST. EL. AT DIST. BOX = 612.00

3/20/03  
 Septic  
 Specs  
 OK  
 (KN)



G.P. # 02-14  
 PLAT # 14580-14585

NO GRAVITY SEWER TO BASEMENT  
 NO CULVERT REQUIRED FOR DRIVEWAY

<b>THE ESTATES AT SAND HILL</b>		
PLOT PLAN LOT # 65		
12005 MARGARET COURT		
ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: M.M.P.	SCALE: 1"=50'	DATE: JANUARY 2003

**MILDENBERG,  
 BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
 (410) 997-0296 Ball. (301) 621-5521 Wash. (410) 997-0298 Fax.

# APPLICATION

PERCOLATION TESTING

A 511435

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 2/24/99

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 R. Jeanette Miller, Trustee; Clyse Day Pendleton, Et Al

ADDRESS 14965 Frederick Road, Woodbine, MD 21797 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER Oak Hill Properties, LLC; Attn: Mr. Kevin Rogers

ADDRESS 107 Loudoun Street, SE, Leesburg, VA. 20175 PHONE 703 443 0400

PROPERTY LOCATION:

DIVISION Sand Hill Property LOT NO. 1 though 78

ROAD AND DESCRIPTION East side intersection of Sand Hill Road and Mt. View Road

TAX MAP 16 PARCEL # 3

SIZE OF LOT 40,000 to 60,000 S.F. TYPE BLDG. Single Family Dwelling  
(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. Oak Hill Properties, LLC  
Kevin B. Rogers  
(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 \_\_\_\_\_

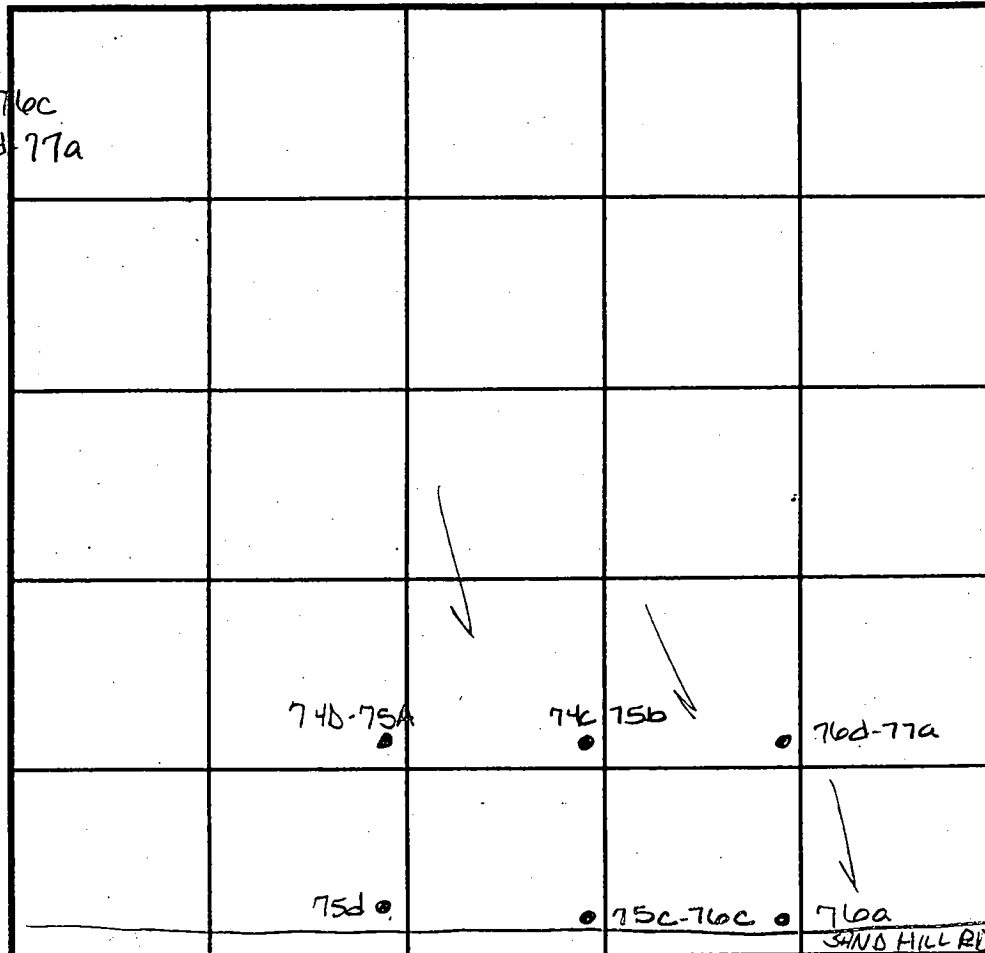
# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 75d 75c-76c  
 4.0 1gt brn SiCLM  
 bright red SiLM  
 9.0 1gt red SiSALM  
 ↓  
 12.0

75c-76c  
 76d-77a



SOIL PROFILE

0' 74c-75b  
 4.0 bright red SiCLM  
 orange brn matrix pockets of red & yellow mottled SiLM not H2O 100% lg rock frags  
 12.0

74d-75a

bright red SiCLM  
 5.0 1gt brown SiSALM  
 20% shale micaceous  
 12.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-3-99	75d	5.0 / V12.0	12:47 <sup>30</sup>	12:50	12:50	1:02	12min
	74d-75a	Visual to 12.0	-see profile		—		OK
	75c-76c	4.5 / V12.0	1:06	1:12	1:12	1:22	10min
	76a	5.5' / V12.0	1:11	1:15	1:15	1:20	5min
	76d-77a	Visual to 12.0	-see profile		—		OK
	74c-75b	4.5 / V12.0	1:25	1:33	1:33	1:42	9min
		8.5 / V12.0	1:27	1:29	1:29	1:31	2min

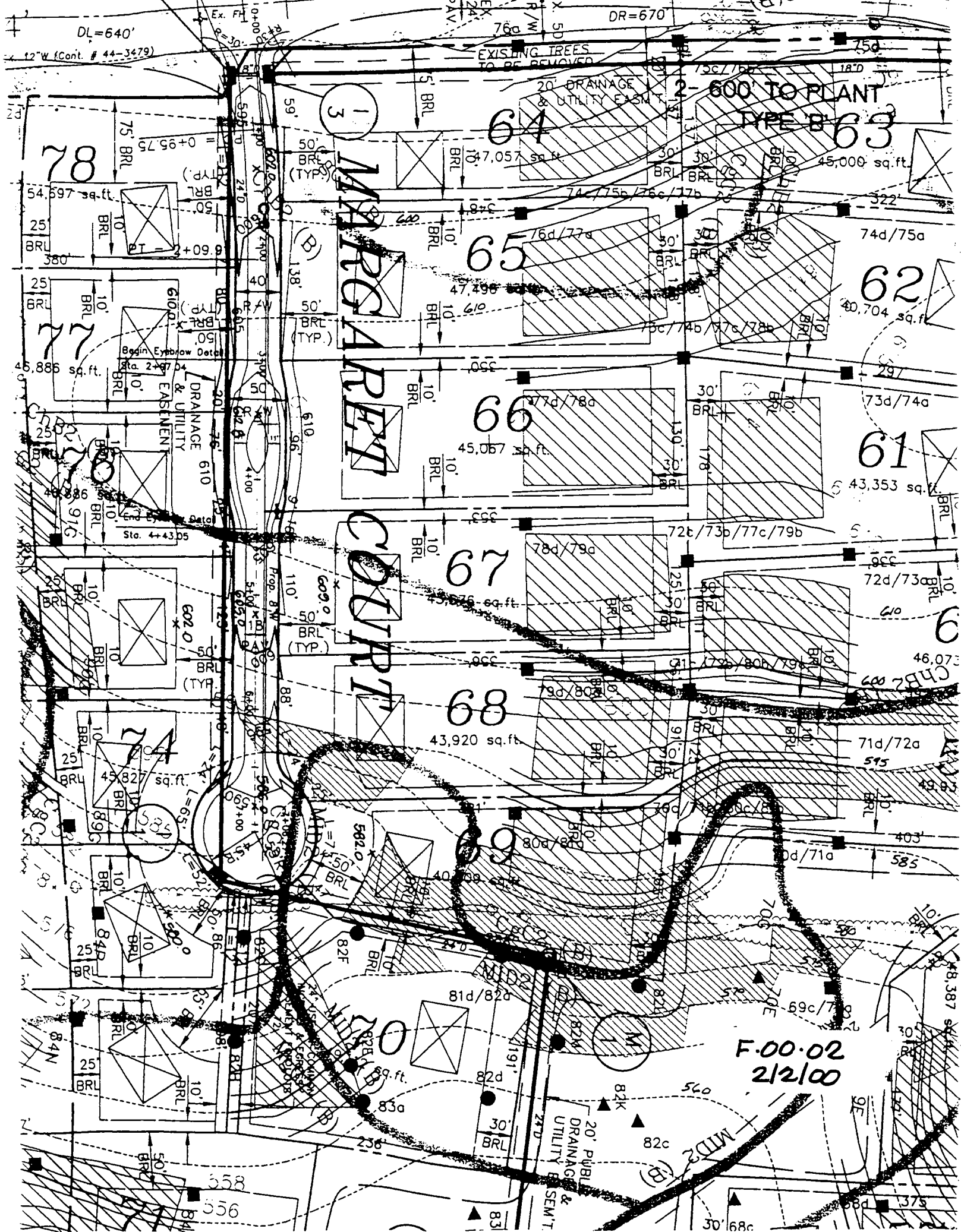
76a

dark brown SiCLM  
 4.5 20% large Rx frags

orange brown SiLM  
 4.5 20% shale  
 12.0

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT \_\_\_\_\_  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_





DL=640'

12"W (Cont. # 44-3479)

DR=670

EXISTING TREES TO BE REMOVED

2- 600' TO PLANT TYPE B-63

MID1

MID2

F.00.02  
2/2/00

78

77

76

75

74

73

64

65

66

67

68

69

70

62

61

60

59

58

57

558

556

555

554

553

552

551

550

549

548

547

546

545

544

543

542

541

540

539

538

537

536

535

534

533

532

531

530

529

528

527

526

525

524

523

522

521

520

519

518

517

516

515

514

513

512

511

510

509

508

507

506

505

504

503

502

501

500

499

498

497

496

495

494

493

492

491

490

489

488

487

486

485

484

483

482

481

480

479

478

477

476

475

474

473

472

471

470

469

468

467

466

465

464

463

462

461

460

459

458

457

456

455

454

453

452

451

450

449

448

447

446

445

444

443

442

441

440

439

438

437

436

435

434

433

432

431

430

429

428

427

426

425

424

423

422

421

420

419

418

417

416

415

414

413

412

411

410

409

408

407

406

405

404

403

402

401

400

399

398

397

396

395

394

393

392

391

390

389

388

387

386

385

384

383

382

381

380

379

378

377

376

375

374

373

372

371

370

369

368

367

366

365

364

363

362

361

360

359

358

357

356

355

354

353

352

351

350

349

348

347

346

345

344

343

342

341

340

339

338

337

336

335

334

333

332

331

330

329

328

327

326

325

324

323

322

321

320

319

318

317

316

315

314

313

312

311

310

309

308

307

306

305

304

303

302

301

300

299

298

297

296

295

294

293

292

291

290

289

288

287

286

285

284

283

282

281

280

279

278

277

276

275

274

273

272

271

270

269

268

267

266

265

264

263

262

261

260

259

258

257

256

255

254

253



LOT 63

LOT 62

LOT 61

S 88°31'56" W 138.74'

LOT 65

44,163 S.F.  
1.01 AC.

SEPTIC AREA

LOT 64

LOT 66

S 01°42'11" E 345.05'

10' BRL

10' BRL

S 02°01'28" W 349.98'

3/10/04  
septic tank  
40' from house  
BP00146700 OK  
(KN)

public H<sub>2</sub>O

10' PUBLIC TREE  
MAINT. ESMNT.

PUBLIC WATER, DRAINAGE &  
UTILITY EASEMENT

R=1320.00 L=85.87' N 87°58'32" W 30.24'

### MARGARET COURT

LOT 65

## THE ESTATES AT SAND HILL

PLAT NO. 14585

ELECTION DISTRICT NO. 3

HOWARD COUNTY, MARYLAND

FF ELEVATION= 613.6

TOP OF WALL ELEV.= 612.3±0.2'

ADDRESS.: 12005 MARGARET COURT

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT  
ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD  
INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER  
FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR  
THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES,  
GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

### MILDENBERG BOENDER, & ASSOC., INC.

Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



FOUNDATION	DATE: 04/10/03	FINAL	DATE: 08/19/03
DRAWN BY: M.E.S.	SCALE: 1" = 50'		
PROJECT NO.: 2000-064	LOCATION DRAWING		

JOHN MILDENBERG  
PROF. LAND SURVEYOR  
MARYLAND No. 10718