

LAYOUT 8/9/11 (PR) INSP 4 _____
 INSP 2 10/21/11 (KUD) INSP 5 _____
 INSP 3 _____ INSP 6 _____

ISSUE DATE: 08/08/2011

PERMIT

P 535931

APPROVAL DATE: 10/24/2011

A _____

Tax ID # _____

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

Smith & Smith Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS: Po Box 330 Forest Hill, MD 21050 PHONE NUMBER: (410) 879-7641

SUBDIVISION: Mckendree View LOT NUMBER: 7

ADDRESS: 2300 Meadow Trail Lane PROPERTY OWNER: Christopher Nolan

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: Unkwn

*2' Wide
 Inlet 4.5'
 Bottom 8.5'*

LINEAR FEET OF TRENCH REQUIRED: 143'

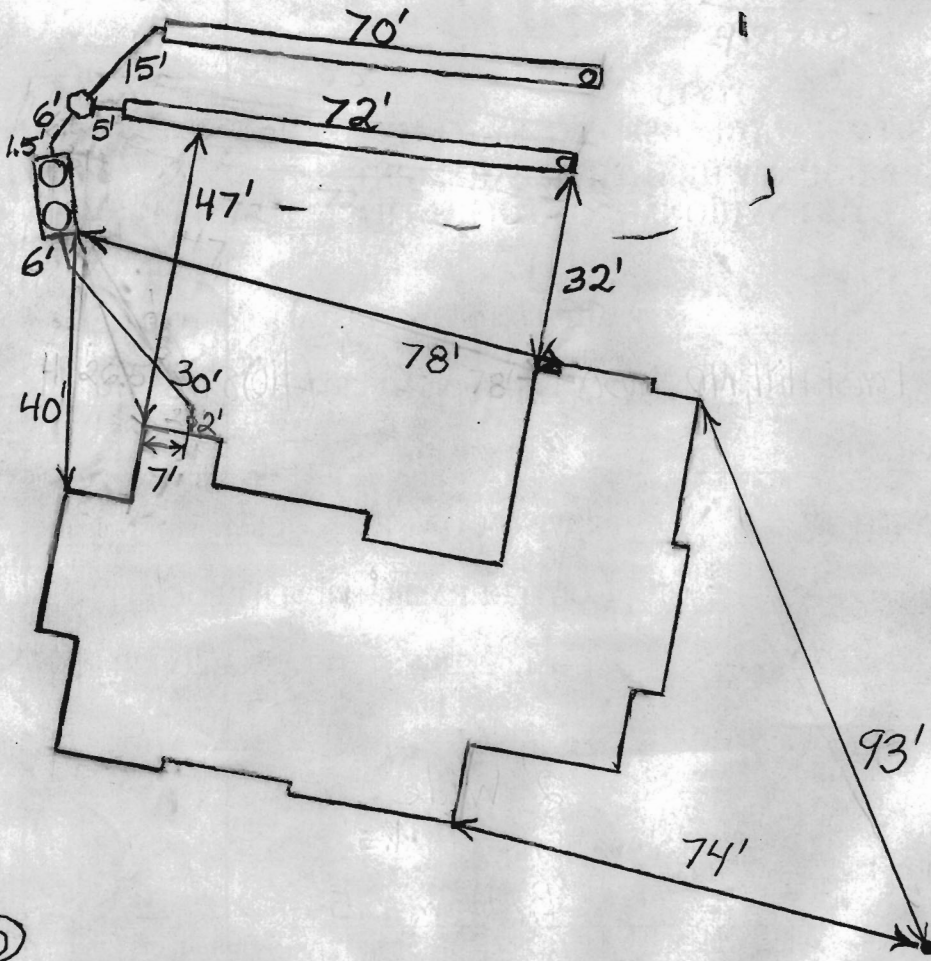
TRENCHES:	Trenches to be 2.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 6.0 feet below original grade with 4.0 feet of stone below distribution pipe.
LOCATION:	Run 3 X 48' trenches on contour. <i>Shallower Than 6'</i>
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by the Howard County Health Department. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: Heidi Scott DATE: 1/12/11

- 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

NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

NOT TO SCALE



ROAD NAME

HO-95-1135

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4.5'	8.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		142'
ABSORPTION AREA		~500
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	ms concrete
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1 1/2' - 4'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front + Rear
6" PORT LOC	None
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	none
PUMP/SEPTIC TANK LEVEL	N/A
MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

8/9/2011 Install two 72' trenches. Cannot get gravity to top of easement. O.K. to install trenches slightly lower to avoid a pumped system. See B.P. plan (BB)

INSTALLATION:

10/24/11 S.T. set. Contractor went over layout again of trenches w/PE ok. No trenches started (KW)
10/24/2011 Trenches not installed as per layout. Some easement area lost. System finished. O.K. to backfill. Very sandy soil. (BB)

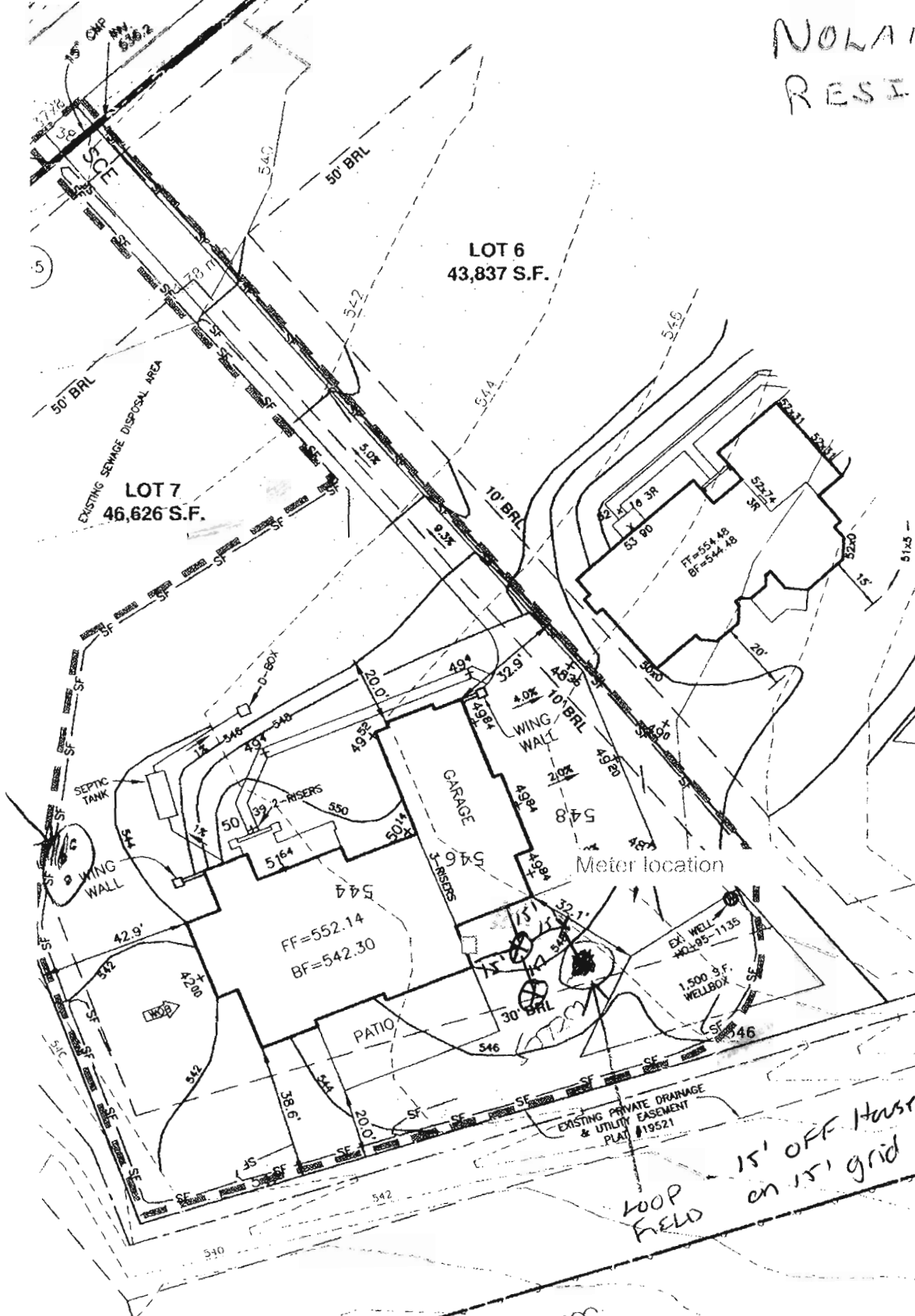
FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

10/24/2011

NOLAN RESIDENCE

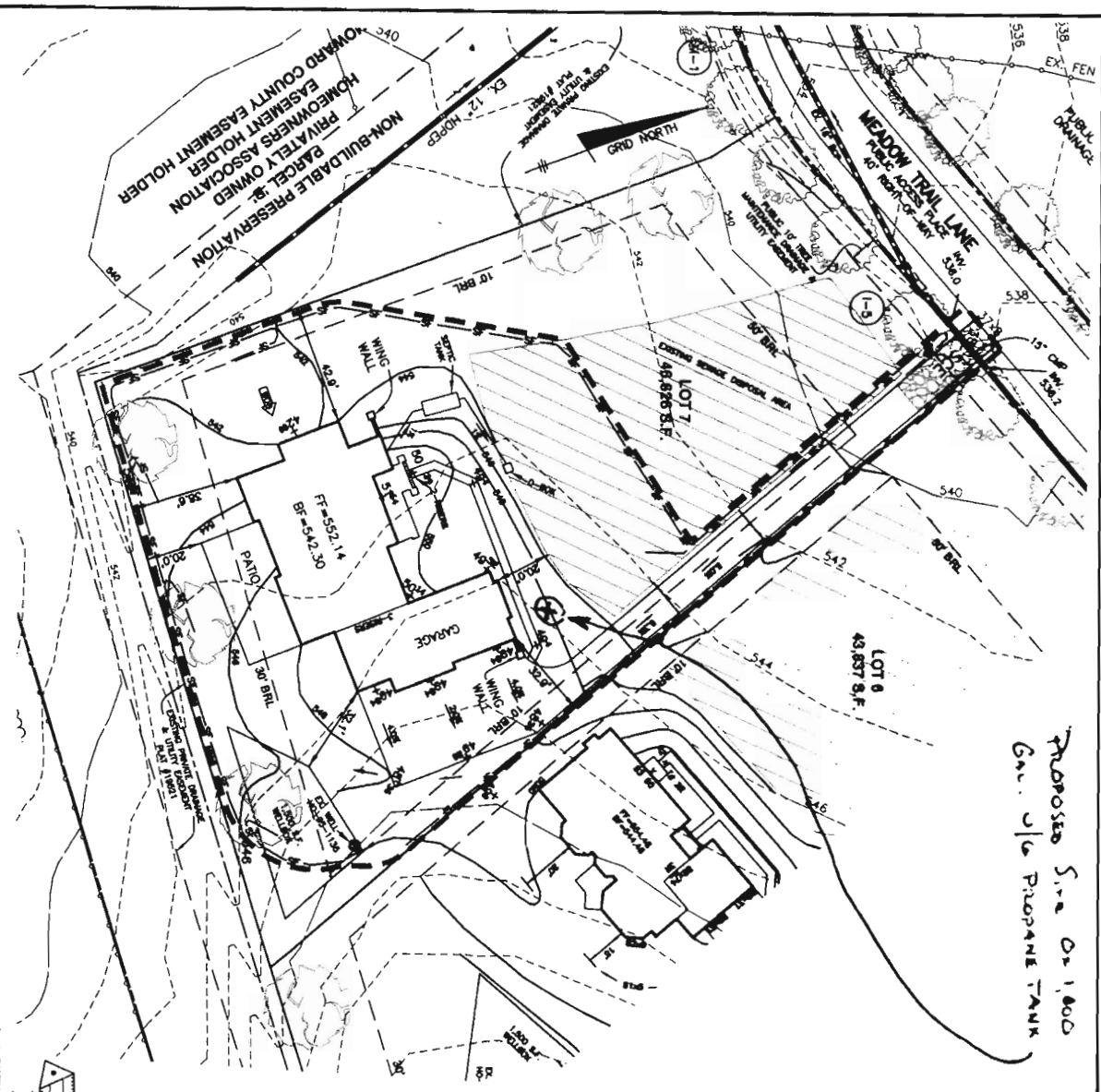


PLAN VIEW
SCALE: 1" = 40'

17:48 PM

P11777 MCKENDREE VIEW 08/09/10.dwg, 12/14/2010 4:07:48 PM

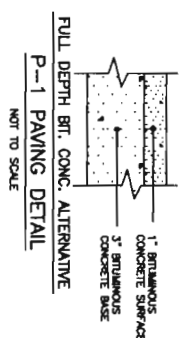
PLAN VIEW
SCALE: 1" = 40'



Proposed Site On 1,800
GAL. V/C PROPANE TANK

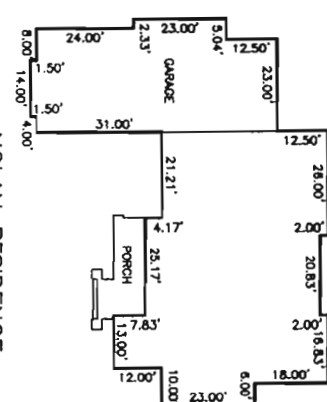
8480 BALTIMORE NATIONAL BLDG. SITE 418 ALBERT ST., MARYLAND 21043
60 THOMAS JOHNSON DRIVE # FREDERICK, MARYLAND 21702
(P) 501-571-5585 (F) 501-571-5586
WWW.BE-CHEMENGINEERING.COM

BENCHMARK ENGINEERING, INC.
ENGINEERS & LAND SURVEYORS & PLANNERS
1100 WASHINGTON BLVD., SUITE 200, FREDERICK, MD 21702



SEPTIC INFORMATION

INV. AT HOUSE	544.2
GRD. AT INV. AT HOUSE	550.0
INV. IN TANK	540.9
INV. OUT TANK	541.6
TOP OF TANK	541.9
GROUND OVER TANK	544.9
INV. IN DST. BOX	540.3
INV. OUT DIST. BOX	540.1
GROUND AT BOX	544.1

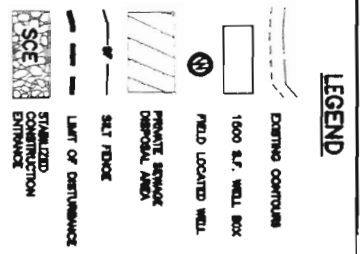


OWNER:
CHRIS NOLAN
2289 MCKENDREE ROAD
WEST FRIENDSHIP, MARYLAND 21794
443-812-1586

MCKENDREE VIEW
LOT 7
2300 MEADOW TRAIL LANE
TAX MAP: 14 GRID: 12 PARCEL: 54
ZONED: RC-DEO ELECTION DISTRICT NO. 4
HOWARD COUNTY, MARYLAND
NOLAN RESIDENCE

DATE: DECEMBER 14, 2010 BEI PROJECT NO. 2149
SCALE: AS SHOWN DRAWING 1 OF 1

- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON 11-08-07 AS PLAT NUMBER 18021. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREA, ALL EASEMENTS AND SHADOWS THEREON.
 2. THE AREA OPERATED AS A PRIVATE SEWAGE TREATMENT OF 10,000 GALLONS PER DAY IS BEING REDESIGNED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. THE EXISTING PRIVATE SEWAGE TREATMENT SYSTEM SHALL BE REMOVED AND A NEW PRIVATE SEWAGE TREATMENT SYSTEM SHALL BE INSTALLED. THE NEW SYSTEM SHALL BE DESIGNED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. THE PRIVATE SEWAGE TREATMENT SYSTEM SHALL BE DESIGNED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. THE PRIVATE SEWAGE TREATMENT SYSTEM SHALL BE DESIGNED TO ACCOMMODATE THE PROPOSED CONSTRUCTION.
 3. EXIST LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF RECONSTRUCTION INSPECTION.
 4. SEPTIC FROM THE REDESIGN OF THE SEPTIC AREA IS TO BE PLACED ON THE UNWELL SIDE OF THE OCCUPATION FOR EACH INDIVIDUAL LOT.
 5. SEWERAGE AND EMISSION CONTROLS WERE APPROVED BY HOWARD COUNTY, CONSERVATION DISTRICT UNDER 29-10-048 AND SHALL COMPLY WITH THE 1994 LANDFILL STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEWERAGE CONTROL.
 6. STORMWATER MANAGEMENT FOR THE LOT IS PROVIDED UNDER THE P-1 WORKBOOK EXTENDED DETENTION FACILITY CONSTRUCTED UNDER P-07-087.
 7. THE EXISTING WELL (PUB. NO. 40-86-1150) SHOWN ON THE PLAN WAS FIELD LOCATED BY BENCHMARK ENGINEERING, INC. IN AUGUST, 2007 AND IS ACCURATELY SHOWN.
 8. DRAINAGE CALCULATIONS WERE PROVIDED AND APPROVED UNDER P-07-087. THE DRAINAGE SHALL BE 15" CAP OR EQUIVALANT.





FAX COVER SHEET

of Pages including cover sheet:

Date: 8/2/11 11:49 am

To: Brian Baker

From: Ed Goss

Reference: Revised site plan for
2300 Meadowtrail Ln.

LONG GREEN ENERGY

11959 Harford Road Glen Arm, MD 21057 410.510.7216 410.510.7122 www.LongGreenEnergy.com

We are an Equal Opportunity Employer

SAVAGE STONE, LLC

SAVAGE, MARYLAND

Mailing Address: P.O. Box 850, Laurel, Maryland 20725

DISPATCH / SALES
301-953-8973
410-792-3753

TRUCKER'S COPY

BILLING INQUIRIES
301-953-7650
410-792-7234

TICKET #00517610

STATION SS

DATE 10/21/11 TIME 08:25:31

CUSTOMER PREJER
JERRY PRESTON HAULING
P.O BOX 300
JARRETTSVILLE, MD 21084

JOB YARD : YARD
P.O. # PROJECT #:

TRUCK JP62 LICENSE 3 AXLES
DRIVER: JERRY PRESTON

				Loads	Tons
GROSS	SCALE A	69140 lb	DAILY	1	21.89
TARE	IN (STORED)	25360 lb	TOTAL	78	1670.00
NET		43780 lb	TIME IN 08:25:31		TIME OUT 08:25:31
NET		21.89 t			

MAT'L 0022 : MD #2 STONE
HAUL ZONE 0000

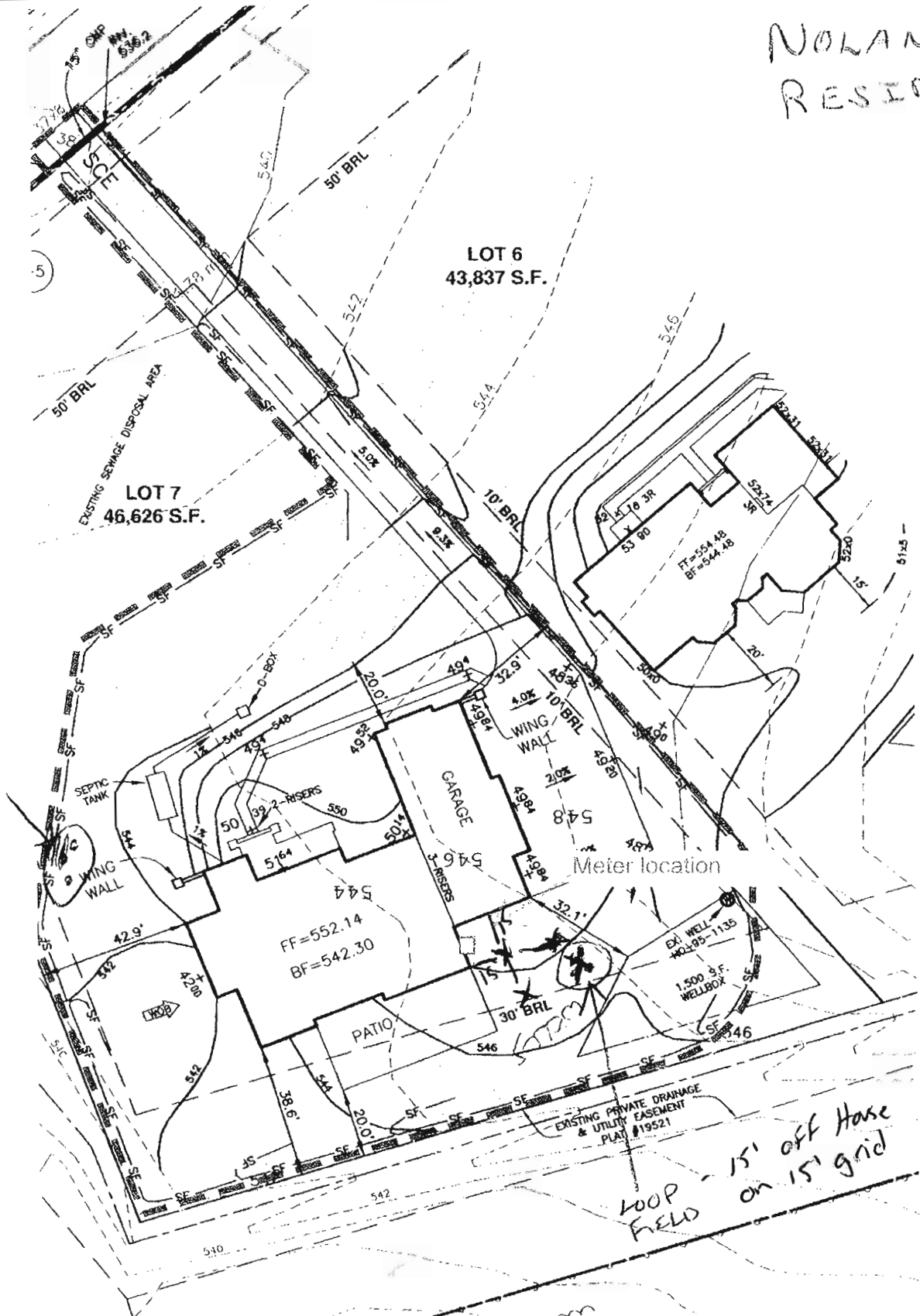
WEIGHMASTER _____

Stacey Hawke

RECEIVED BY W

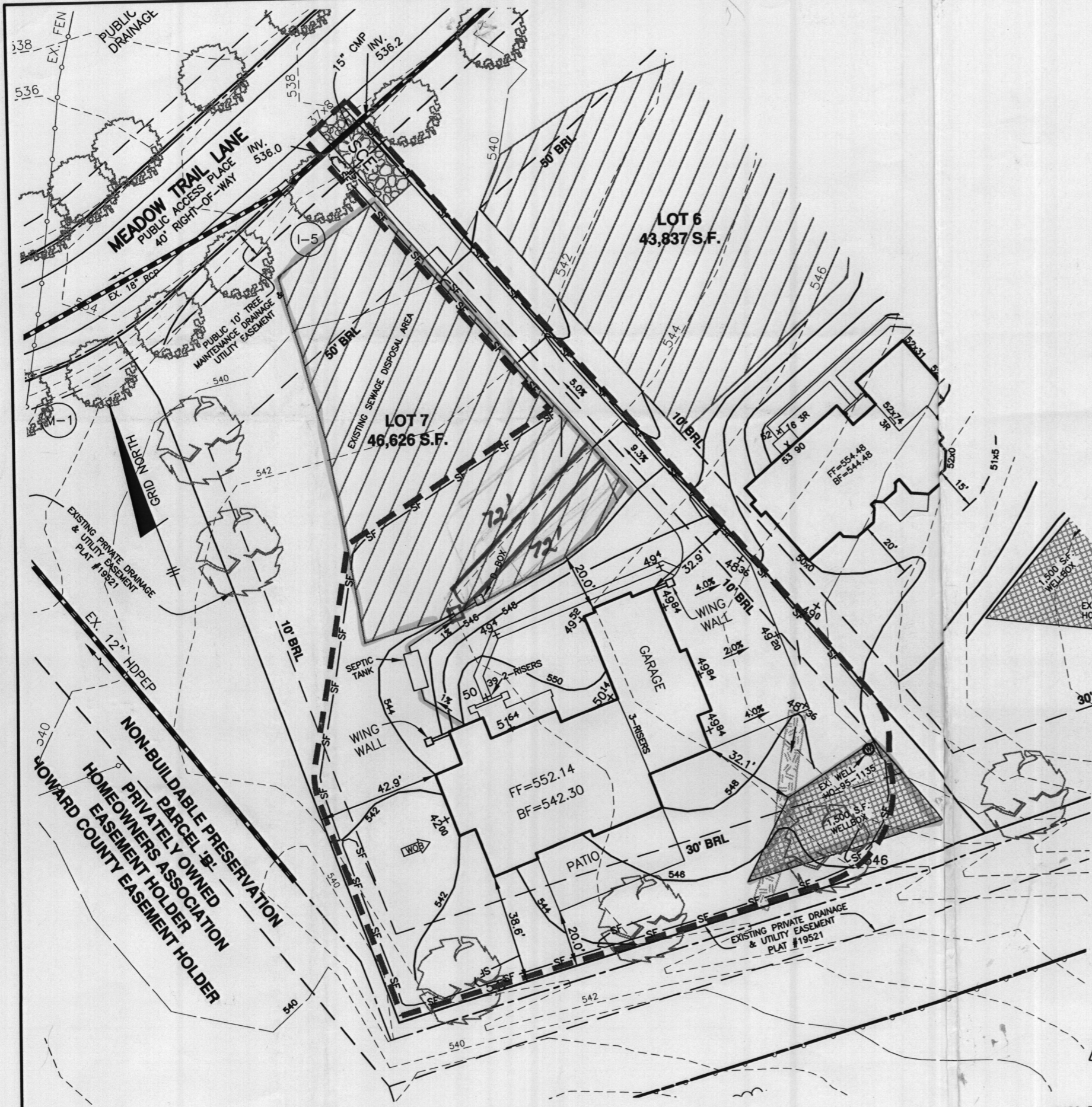
SAFETY FIRST! HAVE A GREAT DAY! PLEASE CHECK YOUR TICKET!

NOLAN RESIDENCE



PLAN VIEW
SCALE: 1" = 40'

17:48 PM



PLAN VIEW
SCALE: 1" = 40'

NOTES:

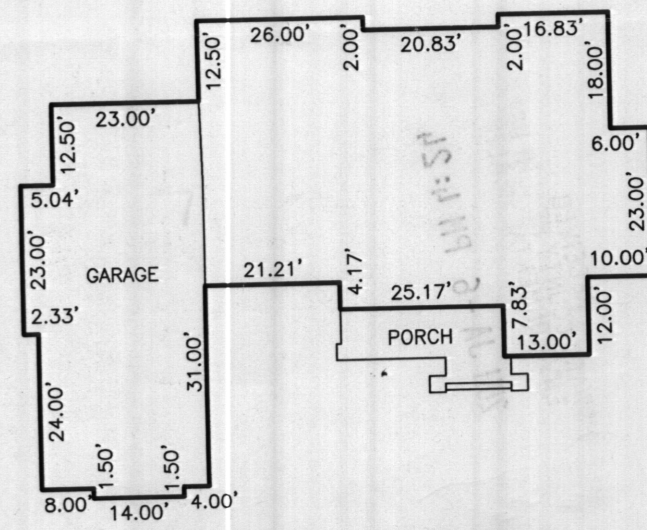
1. THE LOT SHOWN HEREON WAS RECORDED ON 11-05-07 AS PLAT NUMBER 19521. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. EXACT LENGTH OF SEPTIC TRENCHES ARE BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
4. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
5. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-10-065 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
6. STORMWATER MANAGEMENT FOR THIS LOT IS PROVIDED UNDER THE P-1 MICROPOL EXTENDED DETENTION FACILITY CONSTRUCTED UNDER F-07-087.
7. THE EXISTING WELL (TAG NO. HO-95-1135) SHOWN ON THIS PLAN WAS FIELD LOCATED BY BENCHMARK ENGINEERING, INC. IN AUGUST, 2007 AND IS ACCURATELY SHOWN.
8. DRIVEWAY CULVERT COMPUTATIONS WERE PROVIDED AND APPROVED UNDER F-07-087. THE CULVERT SHALL BE 15" CMP OR ELLIPTICAL EQUIVALENT.

LEGEND

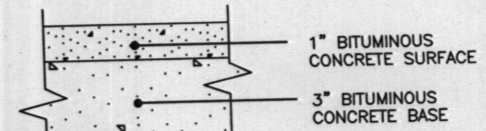
- EXISTING CONTOURS
- 1500 S.F. WELL BOX
- FIELD LOCATED WELL
- PRIVATE SEWAGE DISPOSAL AREA
- SILT FENCE
- LIMIT OF DISTURBANCE
- STABILIZED CONSTRUCTION ENTRANCE
- EROSION CONTROL MATTING

SEPTIC INFORMATION

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GRD. AT INV. AT HOUSE	550.0
INV. IN TANK	540.9
INV. OUT TANK	540.6
TOP OF TANK	541.9
GROUND OVER TANK	544.9
INV. IN DIST. BOX	540.3
INV. OUT DIST. BOX	540.1
GROUND AT BOX	544.1



NOLAN RESIDENCE
SCALE: 1"=30'



FULL DEPTH BIT. CONC. ALTERNATIVE
P-1 PAVING DETAIL
NOT TO SCALE

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ▲ ELLICOTT CITY, MARYLAND 21043
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