

LAYOUT 11/5/08 INSP 4 3-11-07
 INSP 2 11/17/08 INSP 5 3-12-07
 INSP 3 1/16/09 INSP 6 _____

ISSUE DATE: 10/29/08
 APPROVAL DATE: 3-16-07

PERMIT

*(w) red into
 Part (a)*

P 530215
 A 520883

TAX ID # **05449871**

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

*TCM
 443-463-
 0893*

Charles A Klein & Sons, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 5220 Klee Mill Rd, Sykesville PHONE NUMBER: 410-549-6960

SUBDIVISION: Linthicum Oaks LOT NUMBER: 3

ADDRESS: 4244 Linthicum Rd PROPERTY OWNER: *Carl* Caret & Leslie Solomon

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

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

*3' wide trench
 Inlet @ 2' - 4.5'*

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: 178

TRENCHES:	Trench to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.5 feet of stone below distribution pipe.
LOCATION:	<i>site compromised from builder.</i>
NOTES:	Layout inspection required prior to installation. Install system per plan unless otherwise directed by HCHD.

PLANS APPROVED: Heidi Scott DATE: 7/21/08

- 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
 CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

★ See attached sheet for
As-Built

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'-8"	4.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		180'
ABSORPTION AREA		540+SW
DISTRIBUTION BOX LEVEL		Level
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	—
SLOTTED	Yes

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	—
BAFFLE FILTER	—
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	—

PRE-CONSTRUCTION

11/5/08 contractor to set
ditch per layout, not per
plan. Aired towards
Dbox. Set Dbox dep
center of septic area,

3/12/09 No one working. Top trench dig. no stem
D box set. OK to continue (KW)
3/16/09 Contractor covered everything w/o permission
Had DG up part of bottom trench to stone
depth to verify inlet of 2nd trench. Dbox
dig up as well and spade holes added. Looks
good. OK to backfill. (KW)

install a 60' trench and an 80' trench on water. Trenches pointed out in
fields. Trenches to be 3' wide, Inlet @ 2' bottom's @ 4.5'. Call

INSTALLATION: for f/u inspection. (KW) 11/17/08 met w/ Builder's and
homeowner, wanted to cut septic area out but told them no.
System will be deeper 1'. Will need new layout (KW)
1/16/09 Re-check elevations for 3.5' inlet on trenches and
should have 9" to play with (~3.5% fall). Call for insp. (KW)
3/11/09 contractor set S.T. and ran site to table but put too much
fill on pipe. Trenches reconstructed. Install on 80' and 100' run
contour. Top trench spec's should be inlet ~ 3-3.5' bottom @ 4.5'.

FINAL INSPECTOR K. Wall DATE OF APPROVAL 3-16-09
Bottom trench contractor to maintain highest inlet possible w/ bottom
no more than 4.5'. Call for insp. (KW)

NOT TO SCALE

H0-95-0762

~80'

90'

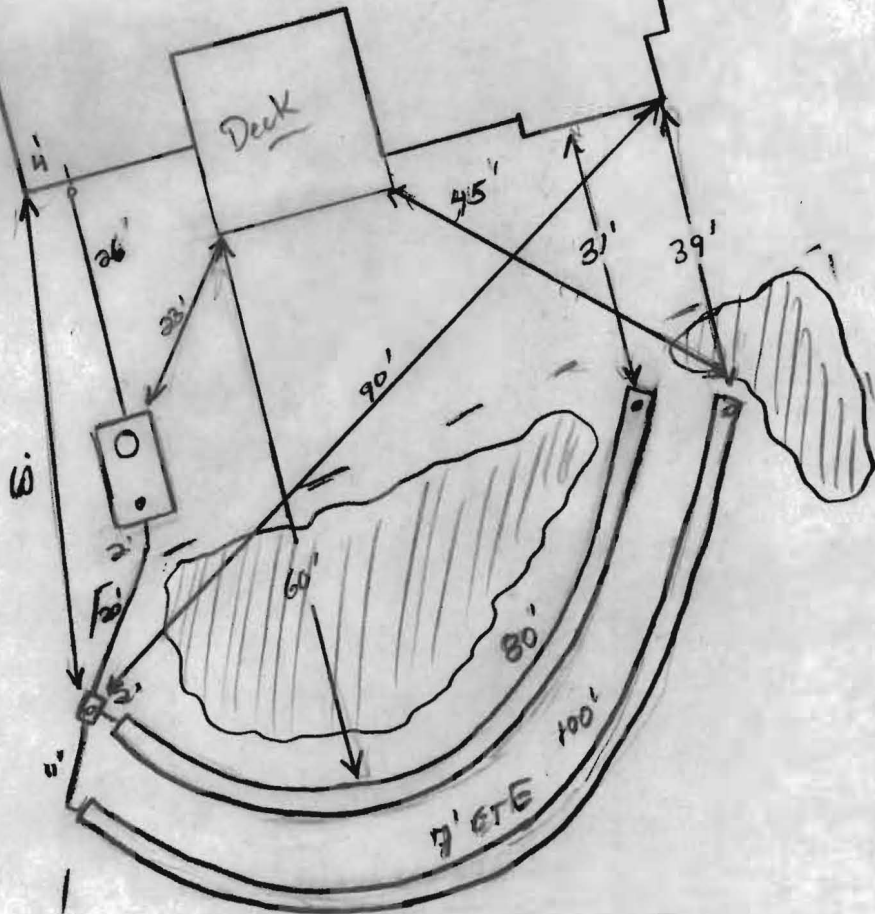
To
Linthum
Rd.

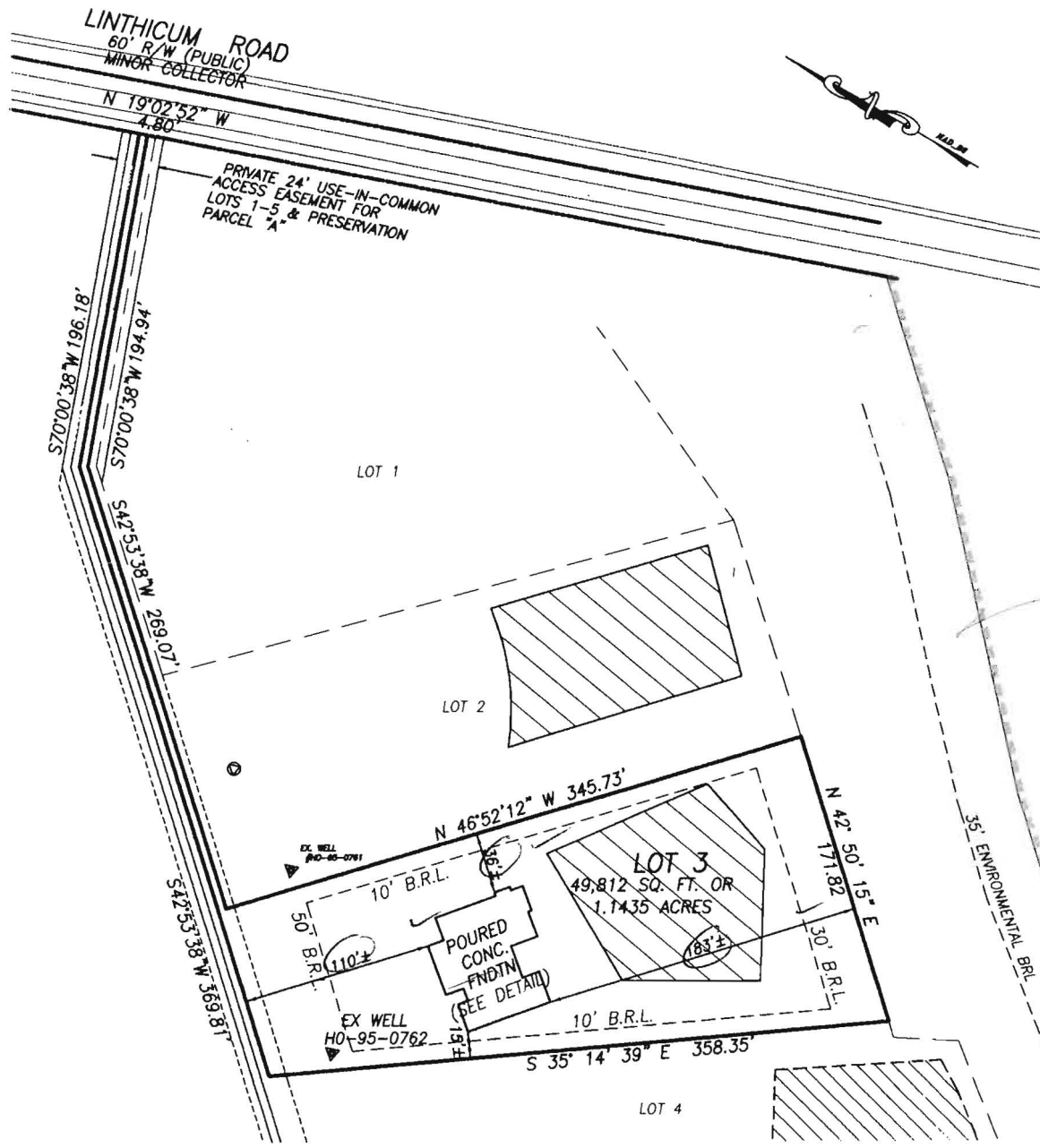
4244 Linthum Rd.

Prop.
Drive

Lot 3

Area in SDWA
lost due to
contour and
sys. design

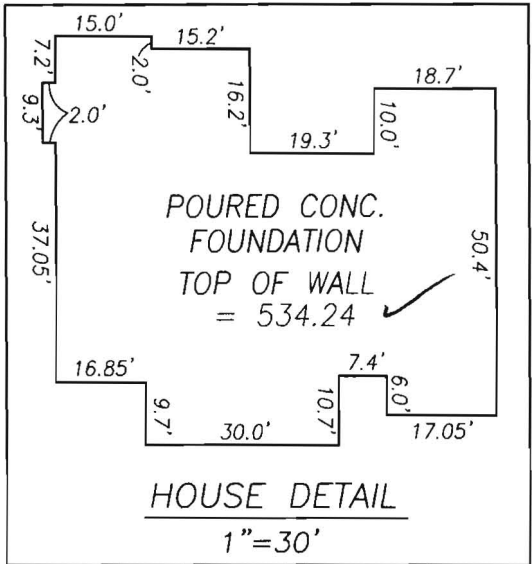




10/28/08
Wall Check OK
Kw



8/26/08



WALL CHECK DRAWING
LOT 3
LINTHICUM OAKS
PLAT #19289

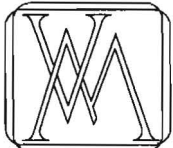
4244 LINTHICUM ROAD
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' AUGUST, 2008

NOTES:

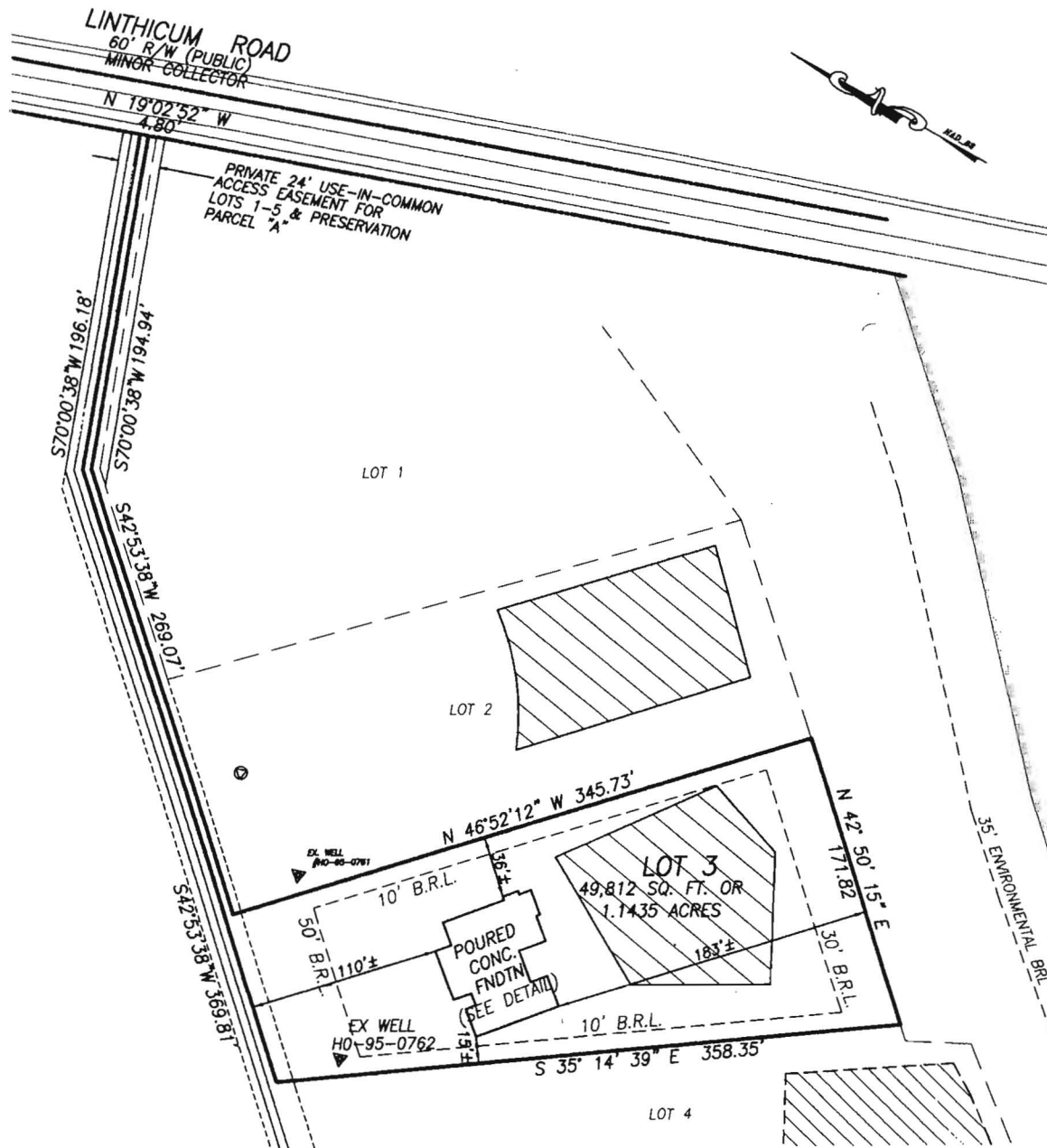
1. FOOTINGS AND FOUNDATION ARE IN PLACE AS SHOWN.
2. THE EXISTING WELL SHOWN ON THIS PLAN #HO-95-0762 HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACCURATELY SHOWN.
3. TOP OF WALL = 534.24

I CERTIFY THIS PLAT TO BE ACCURATE; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

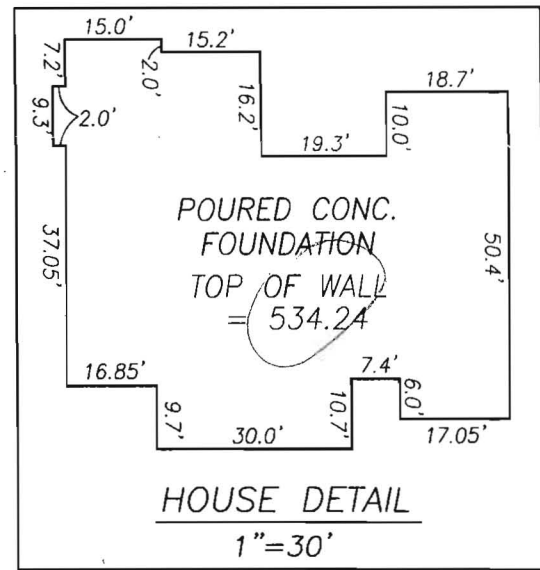
REFERENCE	JOB NO.
PLAT NO. 19289	88-1866



VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street P.O. box 328
Mount Airy, Maryland 21771
(301) 829 2890 (301) 831 5015 (410) 549 2751



10/28/08
 Wall Check OK
 Kw



8/26/08

NOTES:

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**WALL CHECK DRAWING
 LOT 3
 LINTHICUM OAKS
 PLAT #19289**

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 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
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North America

TICKET NO. 188738

WEIGHMASTER PLANT ID MARRIOTTSTVILLE PLANT

TDOWMAN 30514 11411 MARRIOTTSTVILLE ROAD, MARRIOTT

ORDER NO. LOCATION Plant Phone : 410-461-8800

2251 Dispatch Phone : 410-461-8800

CUSTOMER ID CUSTOMER NAME

3290015 KLEIN CHARLES

P.O. NUMBER JOB NUMBER QUOTE #

878531/TONY 443-463-0893 308485

DATE TIME IN TIME OUT

03/10/2009 12:00 12:06

69620 lb	GROSS	31579 kg	MAX GVW
24800 lb	TARE	11249 kg	70000 lb
44820 lb	NET	20330 kg	
22.41 TN		20.33 TN	

JOB ADDRESS ZONE # HIRED ID HIRED ID DESC TRUCK ID TRUCK DESC

4244 LINTHICUM ROAD DAYTON, DAYTON, MD 050 THM THOMPSON TRU 0671 THOMPSON TRUCK1

DELIVERY INSTRUCTIONS DELIVERY

325, R/TEN OWNS, W/TRIDELPHIA

L/I INDICATOR TO ADDRESS

*Price/Subtotal/Tax/Total in *

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
467012	ASTM #3	22.41	45703	2	TN				
	FREIGHT	22.41			TN				

STANDBY TIME APPROVAL STANDBY TIME

--	--

RECEIVED BY DRIVER'S SIGNATURE

<i>Tony</i>	<i>pic bal</i>
-------------	----------------

DLCMDT01 (3/07)

C2822503

32615 800



North America

TICKET NO.

188737

WEIGHMASTER PLANT ID MARRIOTTSTVILLE PLANT
 TCOHMAN 30614 11411 MARRIOTTSTVILLE ROAD, MARRIOTT
 ORDER NO. LOCATION
 2251
 Dispatch Phone : 410-461-8800
 Dispatch Phone : 410-461-8800

DATE	TIME IN	TIME OUT
03/10/2009	11:42	11:46

CUSTOMER ID CUSTOMER NAME
 3290015 KLEIN CHARLES
 P.O. NUMBER JOB NUMBER QUOTE #
 879531/TUNY 443-463-0893 308485

69280 lb	GROSS	31425 kg	MAX GVW
24040 lb	TARE	10904 kg	70000 lb
45240 lb	NET	20520 kg	
22.62 TN		20.52 TN	

JOB ADDRESS	ZONE #	HIRED ID	HIRED ID DESC	TRUCK ID	TRUCK DESC
4254 LINTHICUM ROAD DAYTON, DAYTON, MD	050	MON	MONTGOMERY T 1239		MONTGOMERY TRUC
DELIVERY INSTRUCTIONS		DELIVERY			

325, R/TEN OAKS, R/TRIDELPHIA
 L/LINTHICUM TO ADDRESS

*Price/Subtotal/Tax/Total in *

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
467012	ASTM #3	22.62	22.62	1	TN				
	FREIGHT	22.62			TN				

*NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL	STANDBY TIME

RECEIVED BY	DRIVER'S SIGNATURE

C2822502

LAFARGE

North America

VEIGHMASTER PLANT ID HARRIOTTSVILLE PLANT

TICKET NO. 188924

DUMAN 30614 11411 HARRIOTTSVILLE ROAD, HARRIOTTSVILLE

DATE TIME IN TIME OUT

ORDER NO. LOCATION Phone : 410-461-8800

03/13/2009 13:33 13:39

31 Dispatch Phone : 410-461-8800

CUSTOMER ID CUSTOMER NAME

69320 lb GROSS 31443 kg MAX GVW

90015 KLEIN CHARLES

24520 lb TARE 11122 kg 70000 lb

P.O. NUMBER JOB NUMBER QUOTE #

44800 lb NET 20321 kg

8709 410-549-6960 308485

22.40 TN 20.32 TN

B ADDRESS ZONE # HIRED ID HIRED ID DESC TRUCK ID TRUCK DESC

44 LINTHICUM ROAD DAYTON, DAYTON, MD 050 THM THOMPSON TRU 5671 THOMPSON TRUCK1

DELIVERY INSTRUCTIONS DELIVERY

E29566D

S, R/TEN OAKS, N/TRIDELPHIA

LINTHICUM TO ADDRESS

Price/Subtotal/Tax/Total in \$

PRODUCT ID	PRODUCT DESCRIPTION	QTY	QTY TODAY	LOAD #	UOM	PRICE	SUB TOTAL	TAX	TOTAL
7012	ASTN #3	22.40	22.40	1	TN				
	FREIGHT	22.40			TN				

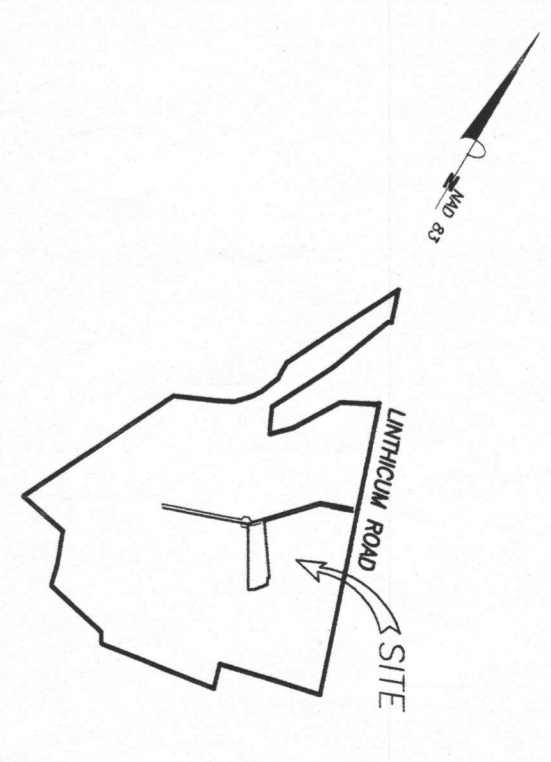
NOTE: US scales weighed in lb/CA scales weighed in kg; tare weights are stored

STANDBY TIME APPROVAL	STANDBY TIME

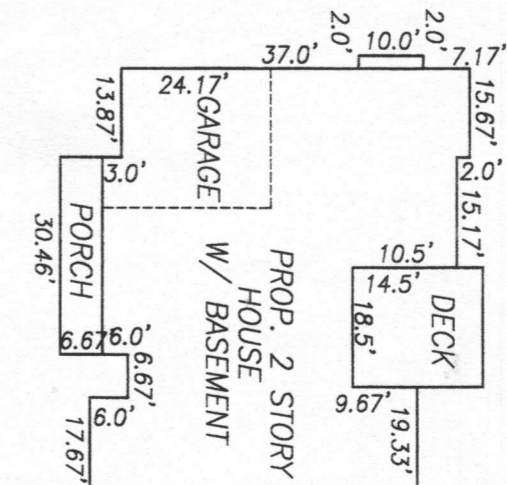
RECEIVED BY	DRIVER'S SIGNATURE
<i>[Signature]</i>	<i>[Signature]</i>

2822689

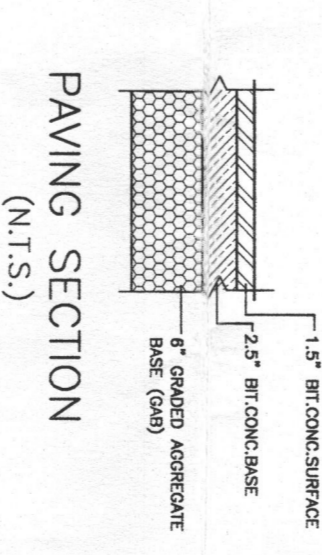
DLCMDT01 (3/07)



VICINITY MAP
 1" = 1200'
 TAX MAP: 22
 PARCEL: 50



HOUSE DETAIL
 1" = 30'



PAVING SECTION
 (N.T.S.)

SEPTIC ELEVATIONS

EXIST. HOUSE:
 F.F. ELEV. = 535.33
 FIN. FLOOR ELEV. = 533.50
 GARAGE ELEV. = 533.20
 INV. OUT = 523.90

PROPOSED SEPTIC TANK:
 EX. GRD. ELEV. = 527.00
 PROP. GRD. ELEV. = 525.00
 INV. IN = 523.40
 INV. OUT = 523.20

PROPOSED DISTRIBUTION BOX:
 EX. GRD. ELEV. = 526.20
 INV. IN = 523.60
 INV. OUT = 522.70

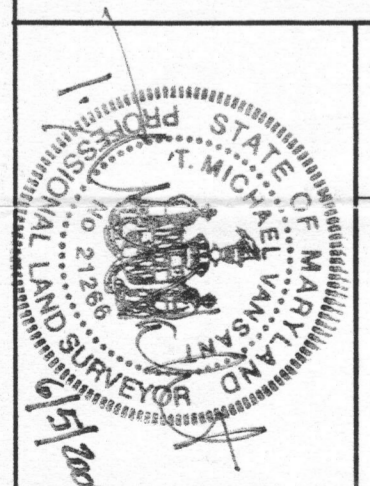
NOTES:

1. TOPOGRAHY AS FIELD RUN BY VANMAR ASSOC., INC.
2. ACTUAL LENGTH AND NUMBER OF TRENCHES FOR SEPTIC SYSTEM PERMIT ISSUANCE.
3. PROPOSED HOUSE IS 4 BEDROOM.
4. LIMIT OF DISTURBANCE (LOD) 23,241 SQ. FT.
5. THE EXISTING WELL SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY VANMAR ASSOCIATES, INC. PROFESSIONAL LAND SURVEYORS AND ACQUAINTANCE SHOWN.

STORM WATER MANAGEMENT NOTE:
 STORM WATER MANAGEMENT FOR LOT 3 WAS PREVIOUSLY APPROVED UNDER FILE NUMBER F-07-067. WATER QUALITY REQUIREMENTS WERE MET USING NATURAL AREA CONSERVATION & SHEET FLOW DRAINAGE. CPM WAS CONSIDERED BY USING THE ABOVE PRE-DEVELOPMENT VALUE. QUANTITY CONTROL IS NOT REQUIRED BECAUSE THE SITE DRAINS TO A RECORDED 100 YEAR FLOODPLAIN EASEMENT.

OWNER:
 STEPHEN P. GORTEN
 TRACT D, GORTEN
 4074 LINTHICUM ROAD
 LINTHICUM, MARYLAND 21088
 (410) 994-0444

DATE	REVISIONS



YANMAR ASSOCIATES, INC.
 11700 WOODBURN ROAD
 SUITE 200
 GREENBELT, MARYLAND 21738
 (301) 528-2888 (301) 581-8018 (410) 588-2750
 FAX: (301) 528-2888

SITUATED ON THE WEST SIDE OF LINTHICUM ROAD
 BETWEEN LINTHICUM ROAD AND
 HOWARD COUNTY, MARYLAND
 T.M.: 22, GRD.: 19, PARCEL: 50
 SCALE: 1" = 30'
 JUNE, 2008

RECORDED AS PLAT 19288 THRU 19290 ON AUGUST 8, 2007
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

PLOT PLAN
 LOT 3
 LINTHICUM OAKS