

Bureau of Environmental Health
7178 Gateway Drive Columbia, MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 5/2/13

ONSITE SEWAGE DISPOSAL SYSTEM

P 545021

INSTALLATION

APPROVAL DATE: _____

PERMIT

A 510685

UPGRADE

PROPERTY ADDRESS: 11825 Shepard Crossing

SUBDIVISION: Chapel Woods II

LOT: 18 TAX ID: 05-412129

CONTRACTOR: Hatfield's Equipment

EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

PROPERTY OWNER: David and Julie Rowlett

EMAIL: _____

OWNER ADDRESS: 11825 Shepard Crossing, Ellicott City, 21042

PHONE: _____

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): _____

PUMP SIZE: _____

NUMBER OF BEDROOMS: 5

HOUSE SQ. FT. 3,540

APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED ☒

LOW PRESSURE DOSED ☐

TRENCHES:	LINEAR FEET REQUIRED: <u>193.75</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	PER APPROVED SITE PLAN, SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Existing trenches to be abandoned. Existing tank needs to be pumped. Install 193.75 feet of trench on contour.	

ISSUED BY: Dana Bernard

ISSUE DATE: 11/12/13

EXPIRATION DATE: 5/2/14

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

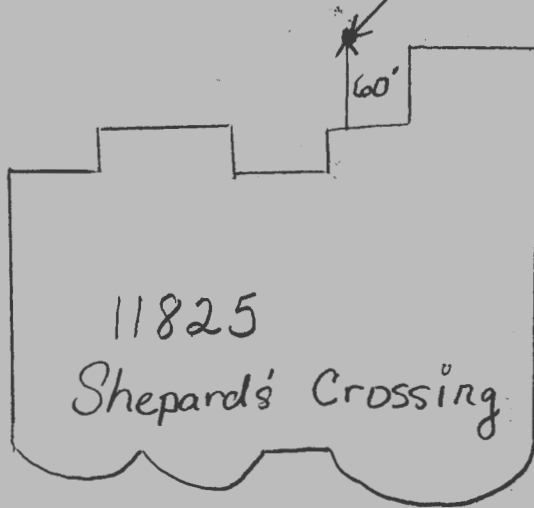
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

HD-88-0936

NOT TO SCALE



NEW
TANK

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

NUMBER OF TRENCHES _____
TOTAL LENGTH _____
ABSORPTION AREA _____
DISTRIBUTION BOX LEVEL _____
DISTRIBUTION BOX BAFFLE _____
DISTRIBUTION BOX PORT _____

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____
MANUFACTURER _____
CAPACITY _____ GAL
SEAM LOC _____
TANK LID DEPTH _____
BAFFLES _____
BAFFLE FILTER _____
MANHOLE LOC _____
6" PORT LOC _____
WATERTIGHT TEST _____
SLOTTED _____
DATE ON LID _____

PUMP/SEPTIC TANK LEVEL

MANUFACTURER _____
CAPACITY _____ GAL
SEAM LOC _____
TANK LID DEPTH _____
BAFFLES _____
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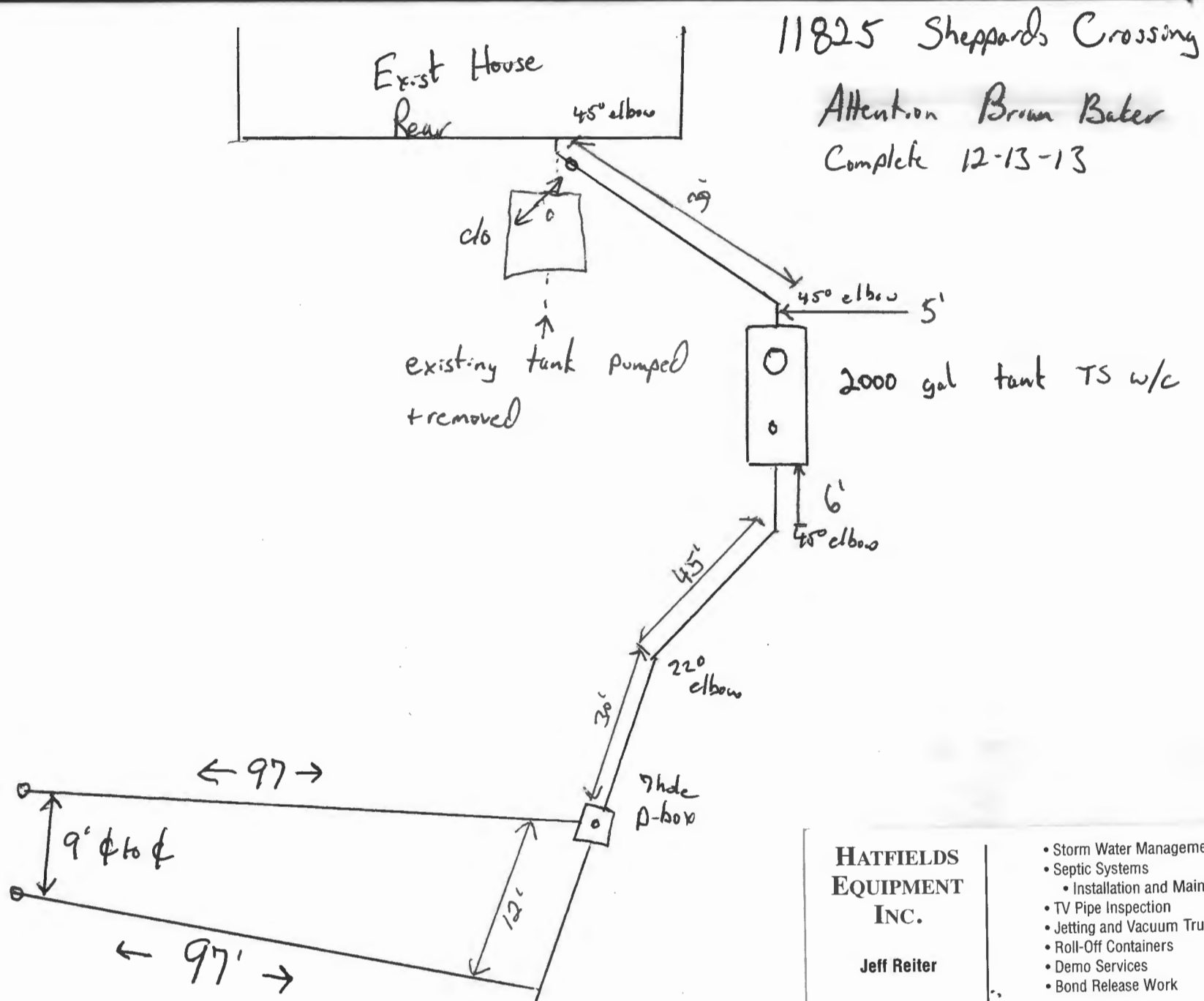
PRE-CONSTRUCTION:

12-12-13 - Checked elevations. The existing tank will have to be pumped and abandoned. A new tank will be set. Two 97' trenches will fit across the top of the easement. The second trench will be set a little askew to avoid an existing tree. The new tank and distribution box will be set to the right of the easement. (DB)

Note: Existing tank and trenches will have to be abandoned. (DB)

INSTALLATION: 12/12/13 Spoke w/ contractor on phone, unable to make inspection. Told contractor will make inspection tomorrow. Tank set trenches not started (KW)

FINAL INSPECTOR _____ DATE OF APPROVAL _____



**HATFIELDS
EQUIPMENT
INC.**

Jeff Reiter

301-490-4289 ext.105
888-490-4289

www.hatfieldsequipment.com

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- Septic Systems
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- TV Pipe Inspection
- Jetting and Vacuum Trucks
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- Demo Services
- Bond Release Work

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8159 Brock Bridge Road
Laurel, MD 20724
Fax: 301-490-5794

Mail To:
P.O. Box 519
Annapolis Junction, MD
20701-0519



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NOTES:	Existing trenches to be abandoned. Existing tank needs to be pumped. Install 193.75 feet of trench on contour. <i>2 x 96' Trenches covers top part of SRA</i>	

ISSUED BY: Dana Bernard

ISSUE DATE: 11/12/13

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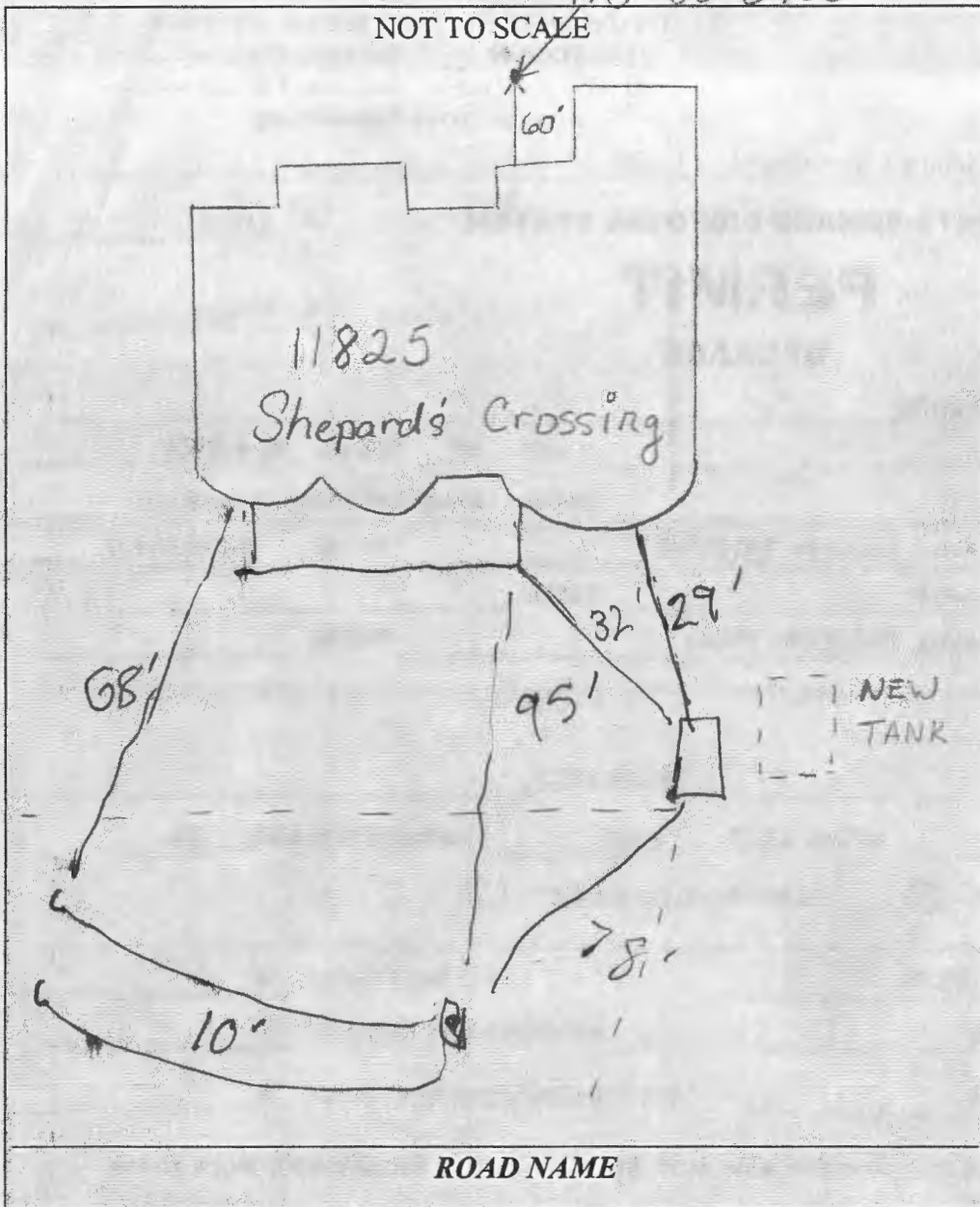
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NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH _____ INLET _____ BOTTOM _____
 NUMBER OF TRENCHES _____
 TOTAL LENGTH _____
 ABSORPTION AREA _____
 DISTRIBUTION BOX LEVEL _____
 DISTRIBUTION BOX BAFFLE _____
 DISTRIBUTION BOX PORT _____

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____
 MANUFACTURER _____
 CAPACITY _____ GAL
 SEAM LOC _____
 TANK LID DEPTH _____
 BAFFLES _____
 BAFFLE FILTER _____
 MANHOLE LOC _____
 6" PORT LOC _____
 WATERTIGHT TEST _____
 SLOTTED _____
 DATE ON LID _____

PUMP/SEPTIC TANK LEVEL

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A hand-drawn site plan of a property. The property is bounded by a road on the bottom and a building on the top. The building has a 'Front' side and a 'Back' side. A 'Deck' is attached to the back of the building. The property is divided into several areas by lines. Dimensions are given in feet: 68' for the left side, 97' for the bottom-left side, 110' for the bottom-left side, 95' for the bottom-right side, 78' for the right side, 32' for the top-right side, and 29' for the top-right side. A small rectangular area on the right side is labeled '80'. The road is labeled 'ROAD NAME'.

TRENCH/RAINFIELD DATA

WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES	_____	
TOTAL LENGTH	_____	
ABSORPTION AREA	_____	
DISTRIBUTION BOX LEVEL	_____	
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[illegible]

Field located tank, d-box, and trenches 5/9/14 (AG)



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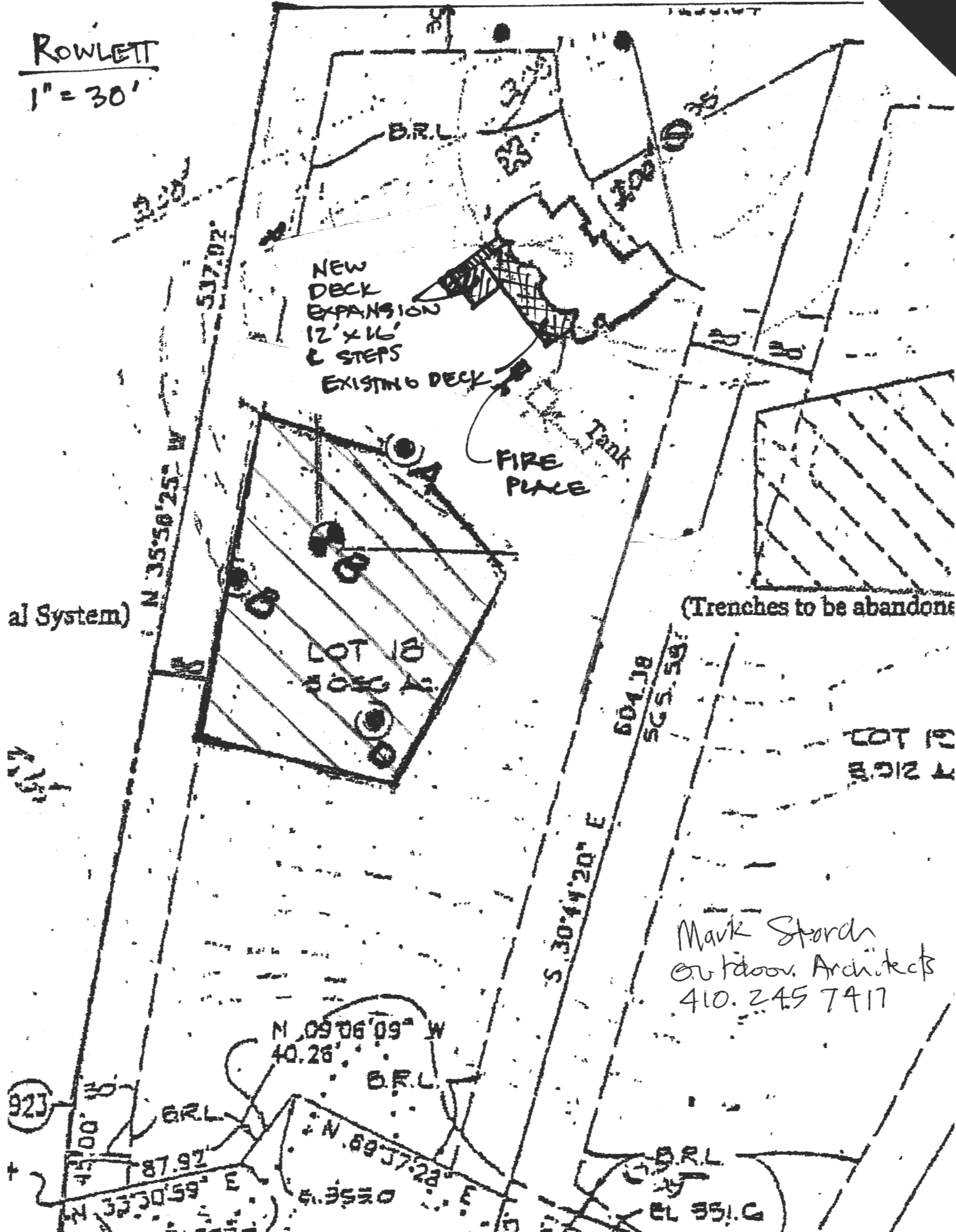
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$$1'' = 30'$$


Design called for 2 drains, but 4 were installed for total 300 S.F. Twice what is needed. Field is larger than needed too at 11,400 S.F.

