SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation	AUGUSTA
Street or Road	SPRING ROAD
Subdivision, Lot #	

AUGUSTA PERMIT # 6208 TOWN COPY

Date Permit Issued 5/30/08 $ 100.00 ☐ If Double Fee Charged FEE

Local Plumbing Inspector Signature L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI) SABOURIN, JOHN ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant	70 SPRING ROAD AUGUSTA, ME 04330
Daytime Tel. #	207 623 9064

Municipal Tax Map # 11 Lot # 220B RRES

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant Date

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature (1st) date approved 11/18/08 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☒ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES

- ☒ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS

- ☒ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, _____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

4± ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped

TYPE OF WATER SUPPLY

PROPOSED

☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- ☒ 1. Concrete
  - OR ☒ a. Regular
  - ☒ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY: 1000 GAL.

DISPOSAL FIELD TYPE & SIZE

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ☒ 3. Proprietary Device
  - ☐ a. cluster array ☒ c. Linear
  - ☒ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE: 594 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

☒ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☐ c. increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

180 gallons per day

BASED ON:

- ☒ 1. Table 501.1 (dwelling unit(s))
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS for other facilites

- ☐ 3. Section 503.0 (meter readings)

ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
3	C	1

at Observation Hole # TP1

Depth 26"

of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

- ☐ 1. Small—2.0 sq. ft. / gpd
- ☐ 2. Medium—2.6 sq. ft. / gpd
- ☒ 3. Medium—Large 3.3 sq. ft / gpd
- ☐ 4. Large—4.1 sq. ft. / gpd
- ☐ 5. Extra Large—5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

- ☒ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

LATITUDE AND LONGITUDE

at center of disposal area

Lat. N 44 d 18 m 22.0 s

Lon. W 69 d 42 m 08.5 s

If g.p.s, state margin of error: 6'±

SITE EVALUATOR STATEMENT

I certify that on 5/15/08 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature	168 SE #	5/21/08 Date
JOHN W LORD JR Site Evaluator Name Printed	207 445 3402 Telephone Number	FAX 207 445 3149 ~~E-mail Address~~

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

DESIGN SUBJECT TO LOCAL, STATE & FEDERAL ORDINANCES.

HHE-200 Rev. 4/05

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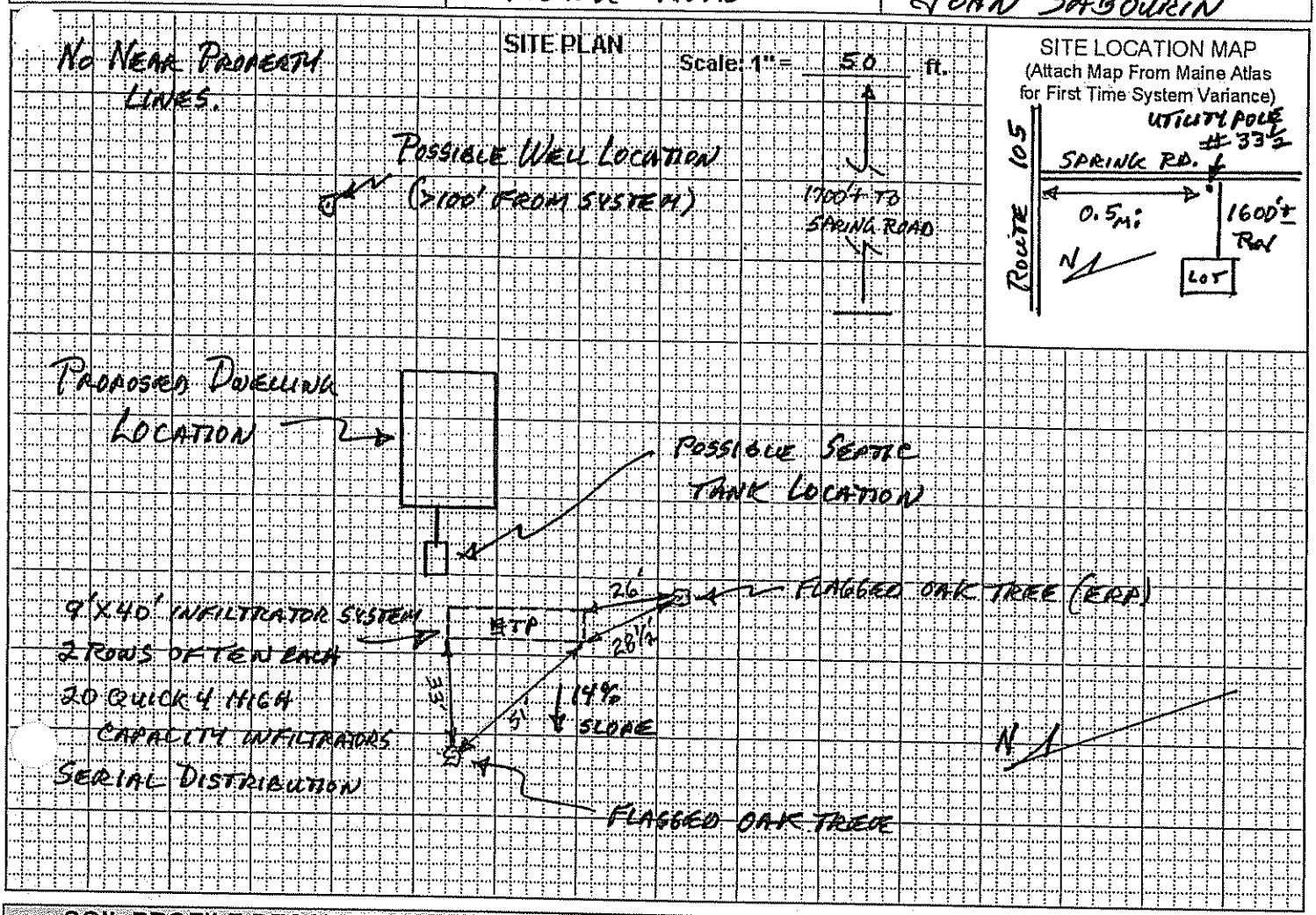
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	SPRING ROAD	JOHN SABOURIN

SITE PLAN

Scale: 1" = 50 ft.



SITE LOCATION MAP

(Attach Map From Maine Atlas for First Time System Variance)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole # TP1 ☒ Test Pit ☐ Boring

ONE " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6			BROWN	
6–12	BOULDERY	FRIABLE	YELLOW	
12–18			BROWN	
18–24	SANDY			
24–30				
30–36	LOAM	FIRM	OLIVE	COMMON
36–42			BROWN	DISTINCT
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	14	26	☒ Groundwater ☒ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6				
6–12				
12–18				
18–24				
24–30				
30–36				
36–42				
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature

168
SE #

5/21/08
Date

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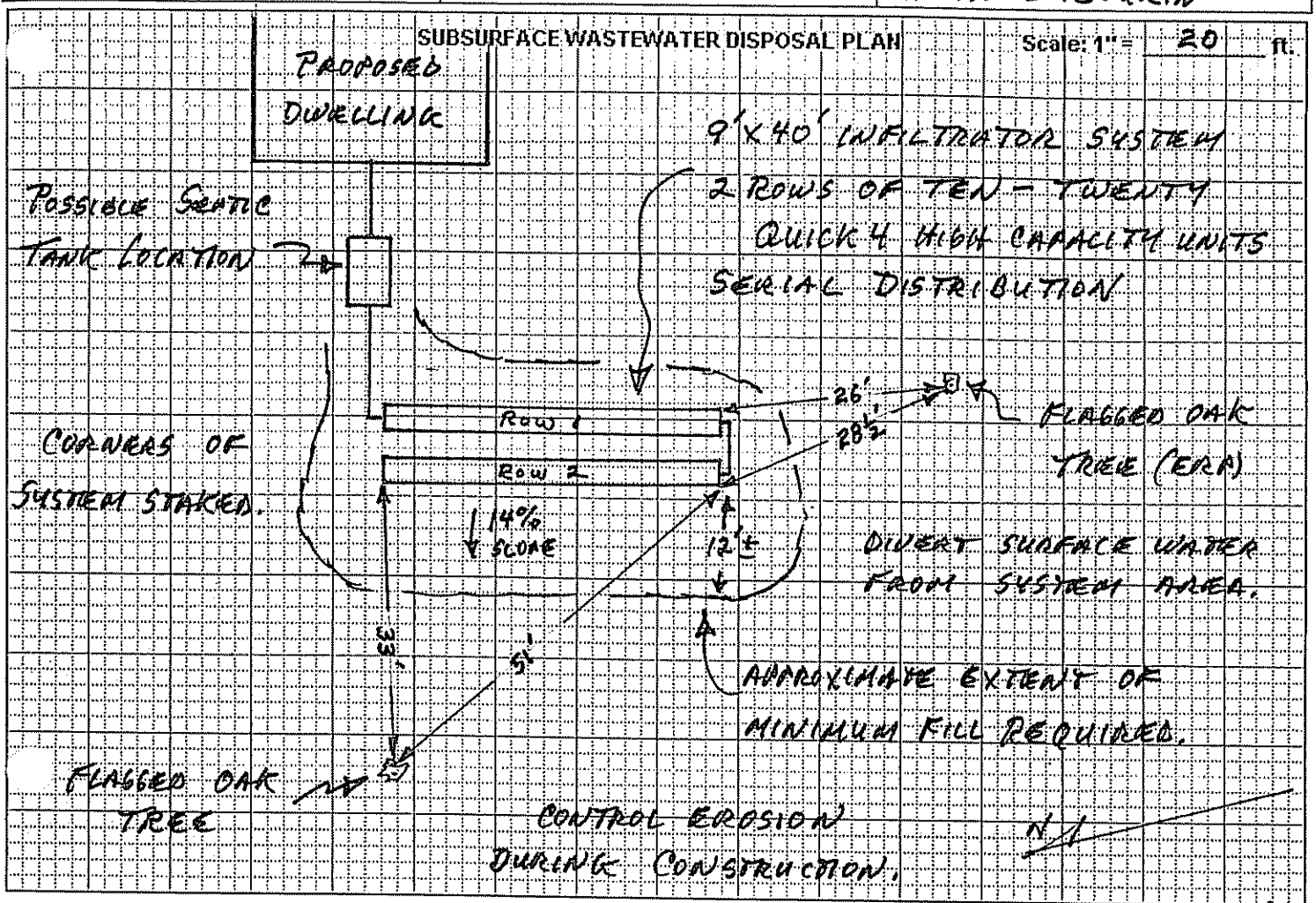
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (ERP)
Depth of Backfill (upslope)	10 "	Finished Grade Elevation	SEE ATTACHED DRAWING	Location & Description: FLAGGED NAIL IN OAK TREE 40" ABOVE GRADE AT TREE.
Depth of Backfill (downslope)	17± "	Top of Distribution Pipe or Proprietary Device	AND "	
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	BELOW "	Reference Elevation is: 0.0" at TREE.

DISPOSAL FIELD CROSS-SECTION

Scales: Vertical: 1" = N/A ft. Horizontal: 1" = ____ ft.

CONSTRUCTION ELEVATIONS:

	Bottom of Infiltrators	Top of Infiltrators	Finished Grade
Row 1	-50"	-34"	-26"
Row 2	-64"	-48"	-40"

Site Evaluator Signature

168
SE #

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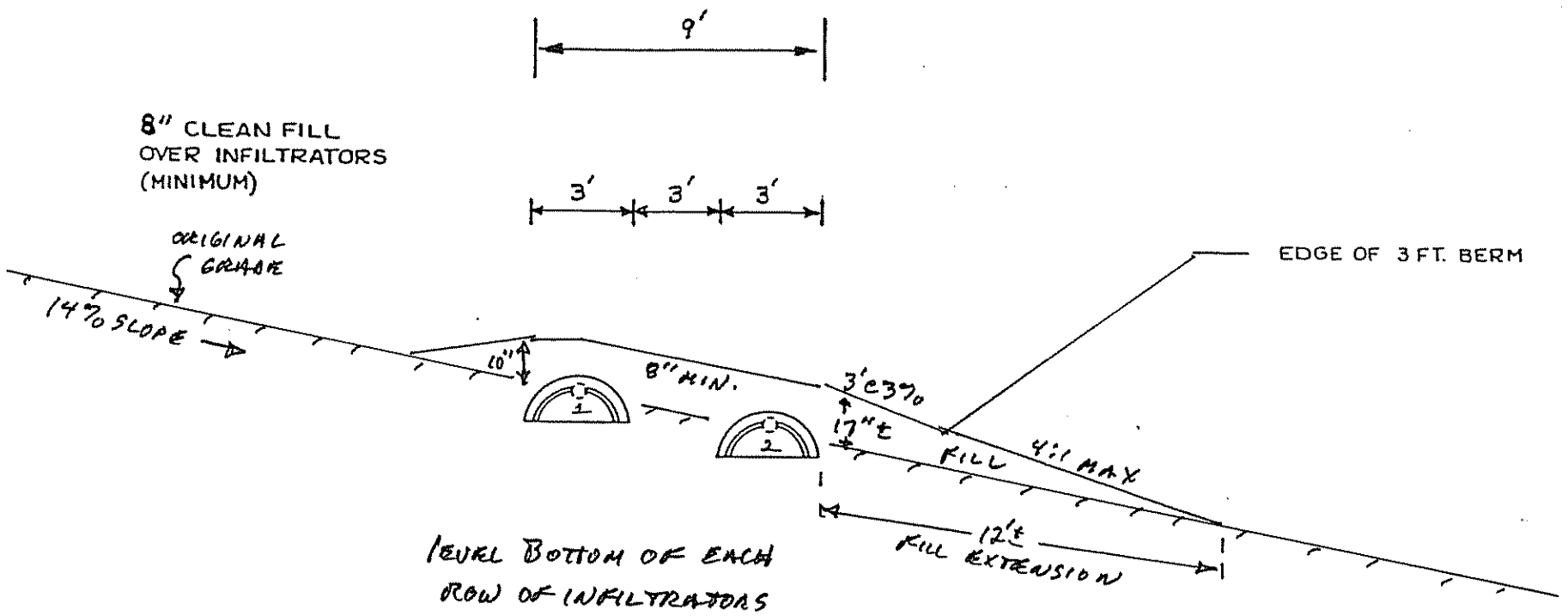
4" LOAM, MULCH
+ SEED TO FINISH COVER.

INFILTRATOR CROSS SECTION 14%



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE INTERFACE GRAVELLY COARSE SAND INTO ORIGINAL SOILS TEXTURE.

FILL AROUND INFILTRATORS TO BE GRAVELLY COARSE SAND TEXTURE.

SITE EVALUATOR: JOHN W LORD JR SE#168			
OWNER: JOHN SABOURIN		NUMBER OF INFILTRATORS: 2 ROWS OF 10 — 20	PERCENT SLOPE: 14
LOCATION: AUGUSTA		ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -50"
DATE: 5/21/08	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -64"	